

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

5N-66W-05 VOLT 19-5 PAD

VOLT 25N-3C-L

Wellbore #1

Design #1

Anticollision Report

18 November, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference	Design #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.00usft	Error Model:	ISCWSA
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 2,500.00 usft	Error Surface:	Pedal Curve
Warning Levels Evaluated at:	2.45 Sigma	Casing Method:	Added to Error Values

Survey Tool Program	Date	11/18/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	1,800.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	
1,800.00	18,263.53	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-04 Offsets Incomplete						
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,200.00	7,407.33	555.63	437.46	4.702	SF
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,212.96	7,407.28	555.48	437.40	4.704	CC, ES
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	10,858.12	7,178.76	535.75	444.99	5.903	CC, ES, SF
DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid	10,924.97	7,287.63	1,986.00	1,893.82	21.545	CC, ES
DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid	11,200.00	7,292.01	2,004.95	1,910.44	21.214	SF
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,261.71	7,430.85	2,009.08	1,890.72	16.974	CC
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,300.00	7,431.06	2,009.45	1,890.63	16.912	ES
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,500.00	7,432.15	2,023.17	1,902.54	16.772	SF
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,652.41	7,289.24	1,365.26	1,260.33	13.011	CC, ES
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,700.00	7,289.33	1,366.09	1,260.82	12.977	SF
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,161.73	7,160.71	1,267.85	1,188.29	15.936	CC, ES
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,200.00	7,160.52	1,268.43	1,188.63	15.895	SF
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,590.37	7,325.98	1,979.37	1,906.38	27.117	CC
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,600.00	7,325.95	1,979.39	1,906.32	27.087	ES
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,900.00	7,325.26	2,003.44	1,928.33	26.675	SF
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,543.91	7,292.69	563.81	491.78	7.827	CC, ES, SF
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	11,794.02	7,323.50	241.30	128.12	2.132	CC
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	11,800.00	7,323.54	241.37	127.79	2.125	ES, SF
5N-66W-05 Offsets Incomplete						
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	16,684.97	16,491.87	346.68	-71.39	0.829	Level 1, CC
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	18,263.53	18,061.80	365.71	-115.54	0.760	Level 1, ES, SF
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	7,615.73	7,564.21	367.90	315.73	7.052	CC, ES, SF
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	5,108.50	4,881.10	370.86	341.43	12.601	CC, ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	5,300.00	5,061.93	375.66	345.21	12.334	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	6,258.81	6,221.04	848.84	802.33	18.251	CC
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	6,300.00	6,253.74	849.11	802.26	18.125	ES
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	6,700.00	6,623.00	863.85	814.14	17.379	SF
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,673.92	7,467.66	289.76	236.52	5.443	CC, ES
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,700.00	7,475.52	290.96	237.44	5.436	SF

Hewlett-Packard

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Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 11C-3-L - Wellbore #1 - Design #1	435.38	430.24	99.18	91.34	12.652	CC, ES
VOLT 11C-3-L - Wellbore #1 - Design #1	18,181.35	18,216.48	925.93	537.61	2.384	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	200.00	201.00	59.86	52.28	7.903	CC, ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	18,200.00	18,082.32	437.05	52.80	1.137	Level 2, SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	277.16	275.79	79.68	72.04	10.432	CC, ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	18,204.14	18,160.33	643.66	253.70	1.651	SF
VOLT 12N-6A-M - Wellbore #1 - Design #1	7,112.94	7,674.76	827.36	781.86	18.185	CC, ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	7,200.00	7,635.29	831.06	785.35	18.180	SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	7,311.09	7,749.08	663.17	616.17	14.111	CC, ES
VOLT 12N-6B-M - Wellbore #1 - Design #1	7,400.00	7,685.99	666.23	618.92	14.083	SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	7,472.61	7,748.23	486.95	438.48	10.047	CC, ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	7,600.00	7,638.18	491.33	442.22	10.005	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	1,838.68	1,608.48	1,129.27	1,115.56	82.400	CC, ES
VOLT 13C-6-M - Wellbore #1 - Design #1	8,200.00	7,129.82	1,596.87	1,544.93	30.746	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	1,959.74	1,712.54	1,197.56	1,183.33	84.124	CC
VOLT 13N-6B-M - Wellbore #1 - Design #1	2,000.00	1,751.57	1,197.60	1,183.23	83.309	ES
VOLT 13N-6B-M - Wellbore #1 - Design #1	8,200.00	7,020.87	1,675.60	1,625.15	33.211	SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	1,643.42	1,400.86	1,189.97	1,177.29	93.879	CC
VOLT 13N-6C-M - Wellbore #1 - Design #1	1,700.00	1,454.90	1,190.08	1,177.02	91.076	ES
VOLT 13N-6C-M - Wellbore #1 - Design #1	8,400.00	6,950.00	2,031.49	1,978.65	38.445	SF
VOLT 14C-3-L - Wellbore #1 - Design #1	1,067.35	1,049.60	131.02	121.22	13.363	CC, ES
VOLT 14C-3-L - Wellbore #1 - Design #1	18,200.00	18,187.14	1,530.60	1,143.14	3.950	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	200.00	202.00	199.90	192.33	26.391	CC, ES
VOLT 14N-3B-L - Wellbore #1 - Design #1	18,105.73	17,999.40	1,671.75	1,286.33	4.337	SF
VOLT 14N-3C-L - Wellbore #1 - Design #1	200.00	197.00	219.95	212.38	29.044	CC, ES
VOLT 14N-3C-L - Wellbore #1 - Design #1	18,100.00	18,060.31	1,931.61	1,546.29	5.013	SF
VOLT 23N-3A-L - Wellbore #1 - Design #1	1,073.78	1,061.08	112.59	102.71	11.396	CC, ES
VOLT 23N-3A-L - Wellbore #1 - Design #1	18,200.00	17,886.97	1,496.41	1,112.29	3.896	SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	200.00	199.00	120.00	112.42	15.844	CC, ES
VOLT 23N-3B-L - Wellbore #1 - Design #1	18,200.00	18,028.81	1,076.18	689.48	2.783	SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	279.67	277.82	139.54	131.90	18.264	CC, ES
VOLT 23N-3C-L - Wellbore #1 - Design #1	18,200.00	18,087.02	1,291.14	903.78	3.333	SF
VOLT 25C-3-L - Wellbore #1 - Design #1	798.90	794.30	37.32	28.61	4.283	CC
VOLT 25C-3-L - Wellbore #1 - Design #1	18,200.01	18,245.76	265.22	-102.98	0.720	Level 1, ES, SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	200.00	200.00	20.05	12.47	2.647	CC
VOLT 25N-3A-L - Wellbore #1 - Design #1	18,200.00	17,980.53	285.29	-10.54	0.964	Level 1, ES, SF
VOLT 32C-6-M - Wellbore #1 - Design #1	7,686.50	7,654.19	293.29	242.46	5.770	CC
VOLT 32C-6-M - Wellbore #1 - Design #1	7,700.00	7,642.06	293.35	242.44	5.762	ES, SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	7,266.28	7,737.68	185.77	137.36	3.838	CC, ES, SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	7,510.54	7,732.74	62.30	12.11	1.241	Level 2, CC, ES, SF
VOLT 33C-6-M - Wellbore #1 - Design #1	7,428.66	7,778.76	1,105.97	1,059.35	23.724	CC
VOLT 33C-6-M - Wellbore #1 - Design #1	7,500.00	7,699.78	1,106.34	1,059.26	23.498	ES
VOLT 33C-6-M - Wellbore #1 - Design #1	8,000.00	7,287.19	1,125.19	1,074.75	22.310	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	1,814.68	1,560.11	1,148.41	1,134.89	84.926	CC
VOLT 33N-6A-M - Wellbore #1 - Design #1	1,900.00	1,643.36	1,148.56	1,134.82	83.563	ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	7,100.00	7,608.14	1,388.44	1,344.10	31.315	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	7,268.35	7,744.04	1,200.12	1,154.72	26.431	CC, ES
VOLT 33N-6C-M - Wellbore #1 - Design #1	8,000.00	7,200.00	1,247.68	1,198.32	25.276	SF
VOLT 34C-6-M - Wellbore #1 - Design #1	1,440.41	1,207.09	1,152.20	1,140.80	101.062	CC
VOLT 34C-6-M - Wellbore #1 - Design #1	1,500.00	1,263.22	1,152.37	1,140.59	97.755	ES
VOLT 34C-6-M - Wellbore #1 - Design #1	8,600.00	6,917.84	2,341.45	2,285.92	42.163	SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	200.00	197.00	1,179.63	1,172.05	155.770	CC
VOLT 34N-6B-M - Wellbore #1 - Design #1	1,600.00	1,356.33	1,182.14	1,169.71	95.095	ES

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Anticollision Report

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Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 34N-6B-M - Wellbore #1 - Design #1	8,400.00	6,882.81	2,135.93	2,083.29	40.574	SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	1,300.00	1,067.08	1,133.00	1,122.45	107.388	CC
VOLT 34N-6C-M - Wellbore #1 - Design #1	1,400.00	1,160.26	1,133.61	1,122.44	101.548	ES
VOLT 34N-6C-M - Wellbore #1 - Design #1	8,400.00	6,850.00	2,489.43	2,435.14	45.850	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	200.00	197.00	259.76	252.19	34.302	CC, ES
VOLT 36C-3-L - Wellbore #1 - Design #1	17,800.00	17,893.49	2,361.50	1,987.16	6.309	SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	200.00	197.00	279.81	272.24	36.949	CC, ES
VOLT 36N-3A-L - Wellbore #1 - Design #1	1,400.00	1,306.33	375.84	364.21	32.308	SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	200.00	197.00	240.00	232.42	31.691	CC, ES
VOLT 36N-3B-L - Wellbore #1 - Design #1	18,100.00	17,997.31	2,145.06	1,760.51	5.578	SF
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1						Out of range
5N-66W-08 Offsets Need HZ						
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S						Out of range
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)						Out of range

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)						
9,800.00	7,167.19	7,385.44	7,115.19	58.98	21.75	89.02	996.35	6,408.35	2,476.06	2,423.60	52.45	47.204		
9,900.00	7,167.04	7,385.70	7,115.45	60.49	21.75	89.05	996.35	6,408.35	2,378.71	2,325.58	53.14	44.765		
10,000.00	7,166.90	7,385.97	7,115.71	62.01	21.75	89.08	996.34	6,408.35	2,281.60	2,227.71	53.88	42.343		
10,100.00	7,166.75	7,386.24	7,115.98	63.54	21.75	89.10	996.34	6,408.35	2,184.74	2,130.04	54.70	39.938		
10,200.00	7,166.61	7,386.51	7,116.25	65.07	21.75	89.13	996.34	6,408.35	2,088.19	2,032.58	55.61	37.553		
10,300.00	7,166.46	7,386.78	7,116.53	66.61	21.75	89.16	996.34	6,408.36	1,991.97	1,935.36	56.60	35.192		
10,400.00	7,166.32	7,387.06	7,116.80	68.16	21.75	89.19	996.34	6,408.36	1,896.14	1,838.43	57.71	32.857		
10,500.00	7,166.17	7,387.34	7,117.09	69.71	21.75	89.22	996.34	6,408.36	1,800.76	1,741.83	58.94	30.553		
10,600.00	7,166.02	7,387.63	7,117.37	71.26	21.75	89.25	996.34	6,408.36	1,705.92	1,645.60	60.32	28.283		
10,700.00	7,165.88	7,387.92	7,117.66	72.83	21.75	89.28	996.34	6,408.36	1,611.70	1,549.84	61.86	26.052		
10,800.00	7,165.73	7,388.21	7,117.95	74.39	21.75	89.31	996.34	6,408.36	1,518.22	1,454.61	63.61	23.867		
10,900.00	7,165.59	7,388.50	7,118.25	75.97	21.75	89.34	996.33	6,408.36	1,425.62	1,360.03	65.59	21.735		
11,000.00	7,165.44	7,388.80	7,118.55	77.54	21.75	89.37	996.33	6,408.36	1,334.10	1,266.25	67.85	19.664		
11,100.00	7,165.29	7,389.11	7,118.85	79.12	21.75	89.40	996.33	6,408.37	1,243.87	1,173.45	70.42	17.663		
11,200.00	7,165.15	7,389.42	7,119.16	80.70	21.75	89.43	996.33	6,408.37	1,155.26	1,081.88	73.38	15.743		
11,300.00	7,165.00	7,389.73	7,119.47	82.29	21.75	89.46	996.33	6,408.37	1,068.66	991.88	76.78	13.918		
11,400.00	7,164.86	7,390.04	7,119.78	83.88	21.75	89.50	996.33	6,408.37	984.61	903.92	80.69	12.202		
11,500.00	7,164.71	7,390.36	7,120.10	85.47	21.75	89.53	996.33	6,408.37	903.80	818.63	85.17	10.611		
11,600.00	7,164.57	7,409.77	7,119.97	87.07	21.78	89.52	996.33	6,408.37	827.20	736.91	90.29	9.161		
11,700.00	7,164.42	7,409.37	7,120.38	88.67	21.78	89.56	996.33	6,408.37	756.09	660.14	95.95	7.880		
11,800.00	7,164.27	7,408.96	7,120.78	90.27	21.78	89.60	996.33	6,408.37	692.16	590.14	102.02	6.785		
11,900.00	7,164.13	7,408.55	7,121.19	91.87	21.78	89.64	996.32	6,408.38	637.57	529.48	108.10	5.898		
12,000.00	7,163.98	7,408.15	7,121.60	93.48	21.78	89.68	996.32	6,408.38	594.90	481.43	113.47	5.243		
12,100.00	7,163.84	7,407.74	7,122.00	95.09	21.78	89.72	996.32	6,408.38	566.85	449.71	117.14	4.839		
12,200.00	7,163.69	7,407.33	7,122.41	96.70	21.78	89.77	996.32	6,408.38	555.63	437.46	118.17	4.702 SF		
12,212.96	7,163.67	7,407.28	7,122.46	96.91	21.78	89.77	996.32	6,408.38	555.48	437.40	118.08	4.704 CC, ES		
12,300.00	7,163.55	7,406.93	7,122.82	98.31	21.78	89.81	996.32	6,408.38	562.26	446.12	116.14	4.841		

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Anticollision Report

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid to True)												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,400.00	7,163.40	7,393.44	7,123.18	99.93	21.76	89.85	996.32	6,408.39	586.12	474.67	111.45	5.259	
12,500.00	7,163.25	7,393.80	7,123.55	101.54	21.76	89.88	996.31	6,408.39	625.26	520.08	105.17	5.945	
12,600.00	7,163.11	7,394.18	7,123.92	103.16	21.76	89.92	996.31	6,408.39	677.02	578.69	98.33	6.885	
12,700.00	7,162.96	7,394.55	7,124.29	104.78	21.76	89.96	996.31	6,408.39	738.76	647.07	91.68	8.058	
12,800.00	7,162.82	7,394.93	7,124.68	106.41	21.76	90.00	996.31	6,408.40	808.19	722.56	85.63	9.438	
12,900.00	7,162.67	7,395.32	7,125.06	108.03	21.76	90.04	996.31	6,408.40	883.50	803.19	80.32	11.000	
13,000.00	7,162.53	7,395.71	7,125.46	109.65	21.76	90.08	996.31	6,408.40	963.32	887.58	75.74	12.718	
13,100.00	7,162.38	7,396.11	7,125.86	111.28	21.76	90.12	996.31	6,408.40	1,046.61	974.76	71.85	14.567	
13,200.00	7,162.23	7,396.52	7,126.26	112.91	21.76	90.16	996.30	6,408.40	1,132.61	1,064.06	68.54	16.524	
13,300.00	7,162.09	7,396.93	7,126.67	114.54	21.76	90.21	996.30	6,408.41	1,220.74	1,154.99	65.74	18.568	
13,400.00	7,161.94	7,397.35	7,127.09	116.17	21.76	90.25	996.30	6,408.41	1,310.57	1,247.21	63.37	20.682	
13,500.00	7,161.80	7,397.77	7,127.51	117.80	21.76	90.29	996.30	6,408.41	1,401.79	1,340.44	61.35	22.848	
13,600.00	7,161.65	7,398.20	7,127.94	119.43	21.76	90.34	996.30	6,408.41	1,494.13	1,434.49	59.64	25.054	
13,700.00	7,161.51	7,398.63	7,128.38	121.06	21.76	90.38	996.30	6,408.41	1,587.39	1,529.22	58.17	27.289	
13,800.00	7,161.36	7,399.08	7,128.82	122.70	21.77	90.43	996.29	6,408.42	1,681.43	1,624.52	56.92	29.542	
13,900.00	7,161.21	7,399.53	7,129.27	124.33	21.77	90.47	996.29	6,408.42	1,776.13	1,720.28	55.84	31.806	
14,000.00	7,161.07	7,399.98	7,129.73	125.97	21.77	90.52	996.29	6,408.42	1,871.37	1,816.45	54.92	34.074	
14,100.00	7,160.92	7,400.45	7,130.19	127.61	21.77	90.57	996.29	6,408.42	1,967.09	1,912.96	54.13	36.341	
14,200.00	7,160.78	7,400.92	7,130.66	129.24	21.77	90.62	996.29	6,408.43	2,063.21	2,009.76	53.45	38.603	
14,300.00	7,160.63	7,401.40	7,131.14	130.88	21.77	90.67	996.28	6,408.43	2,159.68	2,106.82	52.86	40.856	
14,400.00	7,160.49	7,401.89	7,131.63	132.52	21.77	90.72	996.28	6,408.43	2,256.47	2,204.11	52.36	43.098	
14,500.00	7,160.34	7,402.38	7,132.12	134.16	21.77	90.77	996.28	6,408.44	2,353.52	2,301.59	51.92	45.328	
14,600.00	7,160.19	7,402.88	7,132.63	135.80	21.77	90.82	996.28	6,408.44	2,450.80	2,399.25	51.55	47.542	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7400-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,500.00	7,169.08	7,166.66	7,113.19	40.50	15.82	88.45	1,009.40	5,053.38	2,418.18	2,372.16	46.02	52.549		
8,600.00	7,168.94	7,167.17	7,113.70	41.81	15.82	88.51	1,009.40	5,053.39	2,320.77	2,274.31	46.46	49.953		
8,700.00	7,168.79	7,167.68	7,114.21	43.15	15.82	88.56	1,009.39	5,053.39	2,223.60	2,176.65	46.94	47.367		
8,800.00	7,168.65	7,168.19	7,114.72	44.51	15.82	88.62	1,009.39	5,053.39	2,126.68	2,079.20	47.48	44.793		
8,900.00	7,168.50	7,168.71	7,115.23	45.89	15.82	88.67	1,009.39	5,053.40	2,030.06	1,981.99	48.07	42.232		
9,000.00	7,168.36	7,169.22	7,115.75	47.29	15.82	88.73	1,009.39	5,053.40	1,933.79	1,885.06	48.73	39.687		
9,100.00	7,168.21	7,169.73	7,116.26	48.70	15.82	88.78	1,009.39	5,053.40	1,837.91	1,788.45	49.46	37.160		
9,200.00	7,168.06	7,170.24	7,116.77	50.13	15.82	88.84	1,009.38	5,053.41	1,742.50	1,692.22	50.28	34.655		
9,300.00	7,167.92	7,170.75	7,117.28	51.58	15.83	88.89	1,009.38	5,053.41	1,647.63	1,596.43	51.21	32.176		
9,400.00	7,167.77	7,171.26	7,117.79	53.04	15.83	88.95	1,009.38	5,053.41	1,553.41	1,501.15	52.25	29.728		
9,500.00	7,167.63	7,171.78	7,118.31	54.51	15.83	89.00	1,009.38	5,053.42	1,459.95	1,406.51	53.45	27.316		
9,600.00	7,167.48	7,172.29	7,118.82	55.99	15.83	89.06	1,009.37	5,053.42	1,367.42	1,312.61	54.81	24.948		
9,700.00	7,167.34	7,172.80	7,119.33	57.48	15.83	89.11	1,009.37	5,053.42	1,276.02	1,219.64	56.38	22.633		
9,800.00	7,167.19	7,173.31	7,119.84	58.98	15.83	89.17	1,009.37	5,053.43	1,186.01	1,127.82	58.19	20.383		
9,900.00	7,167.04	7,173.83	7,120.36	60.49	15.83	89.22	1,009.37	5,053.43	1,097.72	1,037.44	60.28	18.209		
10,000.00	7,166.90	7,174.34	7,120.87	62.01	15.83	89.28	1,009.36	5,053.43	1,011.62	948.90	62.72	16.129		
10,100.00	7,166.75	7,174.86	7,121.38	63.54	15.83	89.33	1,009.36	5,053.44	928.31	862.76	65.55	14.163		
10,200.00	7,166.61	7,175.37	7,121.90	65.07	15.83	89.39	1,009.36	5,053.44	848.61	779.79	68.81	12.332		
10,300.00	7,166.46	7,175.88	7,122.41	66.61	15.84	89.44	1,009.36	5,053.44	773.64	701.10	72.54	10.665		
10,400.00	7,166.32	7,176.40	7,122.93	68.16	15.84	89.50	1,009.36	5,053.45	704.91	628.22	76.68	9.192		
10,500.00	7,166.17	7,176.91	7,123.44	69.71	15.84	89.55	1,009.35	5,053.45	644.41	563.35	81.07	7.949		
10,600.00	7,166.02	7,177.43	7,123.96	71.26	15.84	89.61	1,009.35	5,053.45	594.68	509.37	85.31	6.971		
10,700.00	7,165.88	7,177.94	7,124.47	72.83	15.84	89.66	1,009.35	5,053.46	558.59	469.83	88.77	6.293		
10,800.00	7,165.73	7,178.46	7,124.99	74.39	15.84	89.72	1,009.35	5,053.46	538.89	448.25	90.64	5.945		
10,858.12	7,165.65	7,178.76	7,125.29	75.31	15.84	89.75	1,009.35	5,053.46	535.75	444.99	90.76	5.903	CC, ES, SF	
10,900.00	7,165.59	7,178.97	7,125.50	75.97	15.84	89.77	1,009.34	5,053.46	537.38	447.02	90.36	5.947		
11,000.00	7,165.44	7,179.49	7,126.02	77.54	15.84	89.83	1,009.34	5,053.47	554.22	466.30	87.92	6.304		
11,100.00	7,165.29	7,180.00	7,126.53	79.12	15.84	89.88	1,009.34	5,053.47	587.82	503.90	83.92	7.005		
11,200.00	7,165.15	7,180.52	7,127.05	80.70	15.84	89.94	1,009.34	5,053.47	635.54	556.35	79.18	8.026		
11,300.00	7,165.00	7,181.04	7,127.57	82.29	15.85	89.99	1,009.34	5,053.48	694.46	620.06	74.40	9.334		
11,400.00	7,164.86	7,181.55	7,128.08	83.88	15.85	90.05	1,009.33	5,053.48	762.01	692.03	69.97	10.890		
11,500.00	7,164.71	7,182.07	7,128.60	85.47	15.85	90.10	1,009.33	5,053.49	836.08	770.01	66.07	12.655		
11,600.00	7,164.57	7,182.59	7,129.12	87.07	15.85	90.16	1,009.33	5,053.49	915.10	852.38	62.72	14.591		
11,700.00	7,164.42	7,183.11	7,129.63	88.67	15.85	90.21	1,009.33	5,053.49	997.88	937.99	59.89	16.662		
11,800.00	7,164.27	7,183.62	7,130.15	90.27	15.85	90.27	1,009.32	5,053.50	1,083.58	1,026.06	57.52	18.840		
11,900.00	7,164.13	7,184.14	7,130.67	91.87	15.85	90.32	1,009.32	5,053.50	1,171.54	1,116.01	55.53	21.097		
12,000.00	7,163.98	7,184.66	7,131.19	93.48	15.85	90.38	1,009.32	5,053.50	1,261.30	1,207.43	53.87	23.412		
12,100.00	7,163.84	7,185.18	7,131.71	95.09	15.85	90.43	1,009.32	5,053.51	1,352.50	1,300.01	52.49	25.767		
12,200.00	7,163.69	7,185.70	7,132.22	96.70	15.86	90.49	1,009.32	5,053.51	1,444.86	1,393.53	51.33	28.149		
12,300.00	7,163.55	7,186.21	7,132.74	98.31	15.86	90.54	1,009.31	5,053.51	1,538.18	1,487.82	50.36	30.546		
12,400.00	7,163.40	7,186.73	7,133.26	99.93	15.86	90.60	1,009.31	5,053.52	1,632.29	1,582.75	49.54	32.950		
12,500.00	7,163.25	7,187.25	7,133.78	101.54	15.86	90.66	1,009.31	5,053.52	1,727.06	1,678.21	48.85	35.353		
12,600.00	7,163.11	7,187.77	7,134.30	103.16	15.86	90.71	1,009.31	5,053.52	1,822.39	1,774.11	48.27	37.751		
12,700.00	7,162.96	7,188.29	7,134.82	104.78	15.86	90.77	1,009.30	5,053.53	1,918.19	1,870.40	47.79	40.139		
12,800.00	7,162.82	7,188.81	7,135.34	106.41	15.86	90.82	1,009.30	5,053.53	2,014.41	1,967.03	47.38	42.516		
12,900.00	7,162.67	7,189.33	7,135.86	108.03	15.86	90.88	1,009.30	5,053.53	2,110.97	2,063.93	47.04	44.878		
13,000.00	7,162.53	7,189.85	7,136.38	109.65	15.86	90.93	1,009.30	5,053.54	2,207.84	2,161.09	46.75	47.225		
13,100.00	7,162.38	7,190.37	7,136.90	111.28	15.86	90.99	1,009.29	5,053.54	2,304.98	2,258.47	46.51	49.555		
13,200.00	7,162.23	7,190.89	7,137.42	112.91	15.87	91.05	1,009.29	5,053.54	2,402.35	2,356.03	46.32	51.868		
13,300.00	7,162.09	7,191.41	7,137.94	114.54	15.87	91.10	1,009.29	5,053.55	2,499.93	2,453.78	46.16	54.164		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design									5N-66W-04 Offsets Incomplete - DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid to True)					Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7400-SRC Energy_2° CONE_2.448											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
9,500.00	7,167.63	7,265.11	7,138.69	54.51	16.94	90.32	-440.66	5,127.16	2,444.23	2,376.34	67.88	36.008				
9,600.00	7,167.48	7,266.68	7,140.26	55.99	16.94	90.37	-440.63	5,127.19	2,387.32	2,317.67	69.66	34.273				
9,700.00	7,167.34	7,268.26	7,141.83	57.48	16.94	90.41	-440.61	5,127.21	2,333.32	2,261.84	71.48	32.644				
9,800.00	7,167.19	7,269.83	7,143.41	58.98	16.95	90.46	-440.58	5,127.24	2,282.42	2,209.08	73.34	31.122				
9,900.00	7,167.04	7,271.40	7,144.98	60.49	16.95	90.50	-440.55	5,127.27	2,234.84	2,159.61	75.23	29.708				
10,000.00	7,166.90	7,272.98	7,146.56	62.01	16.95	90.55	-440.53	5,127.30	2,190.79	2,113.66	77.13	28.405				
10,100.00	7,166.75	7,274.56	7,148.13	63.54	16.95	90.59	-440.50	5,127.32	2,150.49	2,071.46	79.03	27.213				
10,200.00	7,166.61	7,276.14	7,149.71	65.07	16.96	90.64	-440.47	5,127.35	2,114.15	2,033.25	80.91	26.131				
10,300.00	7,166.46	7,277.72	7,151.29	66.61	16.96	90.68	-440.45	5,127.38	2,081.99	1,999.24	82.75	25.161				
10,400.00	7,166.32	7,279.30	7,152.87	68.16	16.96	90.73	-440.42	5,127.40	2,054.20	1,969.66	84.53	24.300				
10,500.00	7,166.17	7,280.88	7,154.46	69.71	16.97	90.78	-440.39	5,127.43	2,030.95	1,944.71	86.24	23.550				
10,600.00	7,166.02	7,282.47	7,156.04	71.26	16.97	90.82	-440.37	5,127.46	2,012.41	1,924.56	87.85	22.907				
10,700.00	7,165.88	7,284.06	7,157.63	72.83	16.97	90.87	-440.34	5,127.49	1,998.70	1,909.36	89.34	22.372				
10,800.00	7,165.73	7,285.64	7,159.22	74.39	16.98	90.91	-440.31	5,127.51	1,989.93	1,899.23	90.70	21.941				
10,900.00	7,165.59	7,287.23	7,160.80	75.97	16.98	90.96	-440.28	5,127.54	1,986.16	1,894.26	91.90	21.612				
10,924.97	7,165.55	7,287.63	7,161.20	76.36	16.98	90.97	-440.28	5,127.55	1,986.00	1,893.82	92.18	21.545 CC, ES				
11,000.00	7,165.44	7,288.82	7,162.39	77.54	16.98	91.01	-440.26	5,127.57	1,987.42	1,894.47	92.94	21.383				
11,100.00	7,165.29	7,290.42	7,163.99	79.12	16.98	91.05	-440.23	5,127.59	1,993.70	1,899.88	93.82	21.251				
11,200.00	7,165.15	7,292.01	7,165.58	80.70	16.99	91.10	-440.20	5,127.62	2,004.95	1,910.44	94.51	21.214 SF				
11,300.00	7,165.00	7,293.60	7,167.17	82.29	16.99	91.14	-440.18	5,127.65	2,021.09	1,926.05	95.04	21.267				
11,400.00	7,164.86	7,295.20	7,168.77	83.88	16.99	91.19	-440.15	5,127.68	2,042.01	1,946.62	95.39	21.407				
11,500.00	7,164.71	7,296.80	7,170.37	85.47	17.00	91.24	-440.12	5,127.70	2,067.55	1,971.97	95.58	21.632				
11,600.00	7,164.57	7,298.40	7,171.97	87.07	17.00	91.28	-440.09	5,127.73	2,097.56	2,001.94	95.61	21.938				
11,700.00	7,164.42	7,300.00	7,173.57	88.67	17.00	91.33	-440.07	5,127.76	2,131.83	2,036.32	95.51	22.320				
11,800.00	7,164.27	7,301.60	7,175.17	90.27	17.01	91.37	-440.04	5,127.79	2,170.18	2,074.89	95.28	22.776				
11,900.00	7,164.13	7,303.21	7,176.77	91.87	17.01	91.42	-440.01	5,127.82	2,212.38	2,117.44	94.94	23.302				
12,000.00	7,163.98	7,304.81	7,178.38	93.48	17.01	91.47	-439.98	5,127.84	2,258.23	2,163.72	94.51	23.895				
12,100.00	7,163.84	7,306.42	7,179.98	95.09	17.01	91.51	-439.96	5,127.87	2,307.49	2,213.51	93.99	24.551				
12,200.00	7,163.69	7,308.03	7,181.59	96.70	17.02	91.56	-439.93	5,127.90	2,359.97	2,266.57	93.40	25.267				
12,300.00	7,163.55	7,309.64	7,183.20	98.31	17.02	91.61	-439.90	5,127.93	2,415.45	2,322.69	92.76	26.039				
12,400.00	7,163.40	7,311.11	7,184.67	99.93	17.02	91.65	-439.88	5,127.95	2,473.73	2,381.65	92.08	26.866				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design									5N-66W-04 Offsets Incomplete - DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Grid to True)					Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7600-SRC Energy_2° CONE_2.448											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis		Distance								Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
10,800.00	7,165.73	7,422.32	7,097.43	74.39	21.81	89.23	-456.86	6,464.25	2,484.55	2,398.34	86.20	28.821				
10,900.00	7,165.59	7,422.94	7,098.05	75.97	21.81	89.24	-456.87	6,464.26	2,427.06	2,338.48	88.58	27.398				
11,000.00	7,165.44	7,423.55	7,098.66	77.54	21.81	89.26	-456.88	6,464.26	2,372.40	2,281.39	91.02	26.065				
11,100.00	7,165.29	7,424.16	7,099.26	79.12	21.81	89.28	-456.88	6,464.27	2,320.77	2,227.27	93.49	24.823				
11,200.00	7,165.15	7,424.76	7,099.86	80.70	21.81	89.29	-456.89	6,464.27	2,272.36	2,176.37	95.99	23.672				
11,300.00	7,165.00	7,425.35	7,100.46	82.29	21.81	89.31	-456.89	6,464.27	2,227.39	2,128.89	98.50	22.613				
11,400.00	7,164.86	7,425.94	7,101.05	83.88	21.81	89.33	-456.90	6,464.28	2,186.08	2,085.08	101.00	21.644				
11,500.00	7,164.71	7,426.53	7,101.64	85.47	21.81	89.35	-456.90	6,464.28	2,148.63	2,045.17	103.46	20.767				
11,600.00	7,164.57	7,427.11	7,102.22	87.07	21.81	89.36	-456.91	6,464.28	2,115.25	2,009.38	105.87	19.980				
11,700.00	7,164.42	7,427.69	7,102.80	88.67	21.81	89.38	-456.92	6,464.29	2,086.13	1,977.94	108.19	19.283				
11,800.00	7,164.27	7,428.26	7,103.37	90.27	21.82	89.39	-456.92	6,464.29	2,061.45	1,951.06	110.39	18.674				
11,900.00	7,164.13	7,428.83	7,103.94	91.87	21.82	89.41	-456.93	6,464.29	2,041.38	1,928.93	112.46	18.153				
12,000.00	7,163.98	7,429.39	7,104.50	93.48	21.82	89.43	-456.93	6,464.30	2,026.06	1,911.71	114.35	17.718				
12,100.00	7,163.84	7,429.95	7,105.06	95.09	21.82	89.44	-456.94	6,464.30	2,015.58	1,899.52	116.06	17.367				
12,200.00	7,163.69	7,430.51	7,105.61	96.70	21.82	89.46	-456.94	6,464.30	2,010.03	1,892.48	117.55	17.099				
12,261.71	7,163.60	7,430.85	7,105.95	97.70	21.82	89.47	-456.95	6,464.31	2,009.08	1,890.72	118.36	16.974 CC				
12,300.00	7,163.55	7,431.06	7,106.16	98.31	21.82	89.47	-456.95	6,464.31	2,009.45	1,890.63	118.82	16.912 ES				
12,400.00	7,163.40	7,431.60	7,106.71	99.93	21.82	89.49	-456.95	6,464.31	2,013.84	1,894.00	119.84	16.804				
12,500.00	7,163.25	7,432.15	7,107.25	101.54	21.82	89.51	-456.96	6,464.31	2,023.17	1,902.54	120.62	16.772 SF				
12,600.00	7,163.11	7,432.68	7,107.79	103.16	21.82	89.52	-456.96	6,464.32	2,037.37	1,916.20	121.16	16.815				
12,700.00	7,162.96	7,433.22	7,108.33	104.78	21.82	89.54	-456.97	6,464.32	2,056.34	1,934.87	121.46	16.930				
12,800.00	7,162.82	7,433.75	7,108.86	106.41	21.82	89.55	-456.97	6,464.32	2,079.94	1,958.41	121.53	17.114				
12,900.00	7,162.67	7,434.27	7,109.38	108.03	21.82	89.57	-456.98	6,464.33	2,108.04	1,986.65	121.39	17.366				
13,000.00	7,162.53	7,434.80	7,109.90	109.65	21.83	89.58	-456.98	6,464.33	2,140.44	2,019.39	121.05	17.682				
13,100.00	7,162.38	7,435.31	7,110.42	111.28	21.83	89.60	-456.99	6,464.33	2,176.96	2,056.42	120.54	18.061				
13,200.00	7,162.23	7,435.83	7,110.94	112.91	21.83	89.61	-456.99	6,464.33	2,217.38	2,097.52	119.87	18.499				
13,300.00	7,162.09	7,436.34	7,111.45	114.54	21.83	89.62	-456.99	6,464.34	2,261.51	2,142.45	119.06	18.994				
13,400.00	7,161.94	7,436.85	7,111.95	116.17	21.83	89.64	-457.00	6,464.34	2,309.13	2,190.98	118.15	19.544				
13,500.00	7,161.80	7,437.35	7,112.46	117.80	21.83	89.65	-457.00	6,464.34	2,360.03	2,242.89	117.14	20.147				
13,600.00	7,161.65	7,437.85	7,112.95	119.43	21.83	89.67	-457.01	6,464.35	2,414.00	2,297.94	116.06	20.800				
13,700.00	7,161.51	7,438.34	7,113.45	121.06	21.83	89.68	-457.01	6,464.35	2,470.84	2,355.92	114.92	21.501				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-04 Offsets Incomplete - DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid to True)										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,600.00	7,167.48	7,285.84	7,120.93	55.99	17.29	89.81	183.77	5,851.84	2,465.02	2,404.12	60.90	40.479	
9,700.00	7,167.34	7,285.99	7,121.08	57.48	17.29	89.81	183.77	5,851.84	2,382.40	2,319.98	62.43	38.163	
9,800.00	7,167.19	7,286.15	7,121.23	58.98	17.29	89.82	183.77	5,851.84	2,301.16	2,237.10	64.06	35.919	
9,900.00	7,167.04	7,286.30	7,121.39	60.49	17.29	89.83	183.77	5,851.84	2,221.46	2,155.64	65.81	33.754	
10,000.00	7,166.90	7,286.46	7,121.55	62.01	17.29	89.83	183.77	5,851.84	2,143.45	2,075.77	67.68	31.670	
10,100.00	7,166.75	7,286.62	7,121.71	63.54	17.29	89.84	183.77	5,851.84	2,067.35	1,997.68	69.67	29.675	
10,200.00	7,166.61	7,286.78	7,121.87	65.07	17.29	89.85	183.77	5,851.85	1,993.35	1,921.57	71.78	27.771	
10,300.00	7,166.46	7,286.94	7,122.03	66.61	17.29	89.85	183.77	5,851.85	1,921.71	1,847.70	74.01	25.965	
10,400.00	7,166.32	7,287.10	7,122.19	68.16	17.29	89.86	183.77	5,851.85	1,852.69	1,776.33	76.36	24.261	
10,500.00	7,166.17	7,287.27	7,122.35	69.71	17.29	89.87	183.77	5,851.85	1,786.61	1,707.78	78.83	22.664	
10,600.00	7,166.02	7,287.43	7,122.52	71.26	17.29	89.88	183.77	5,851.85	1,723.81	1,642.41	81.40	21.177	
10,700.00	7,165.88	7,287.60	7,122.68	72.83	17.29	89.88	183.77	5,851.85	1,664.64	1,580.59	84.05	19.806	
10,800.00	7,165.73	7,287.76	7,122.85	74.39	17.29	89.89	183.77	5,851.85	1,609.52	1,522.76	86.75	18.553	
10,900.00	7,165.59	7,287.93	7,123.02	75.97	17.29	89.90	183.77	5,851.85	1,558.87	1,469.39	89.48	17.421	
11,000.00	7,165.44	7,288.10	7,123.19	77.54	17.29	89.90	183.77	5,851.85	1,513.14	1,420.96	92.18	16.415	
11,100.00	7,165.29	7,288.27	7,123.36	79.12	17.29	89.91	183.77	5,851.85	1,472.79	1,377.99	94.80	15.536	
11,200.00	7,165.15	7,288.45	7,123.53	80.70	17.29	89.92	183.77	5,851.85	1,438.27	1,340.99	97.28	14.785	
11,300.00	7,165.00	7,288.62	7,123.71	82.29	17.29	89.93	183.77	5,851.85	1,410.01	1,310.47	99.55	14.164	
11,400.00	7,164.86	7,288.79	7,123.88	83.88	17.29	89.93	183.77	5,851.85	1,388.40	1,286.86	101.54	13.674	
11,500.00	7,164.71	7,288.97	7,124.06	85.47	17.29	89.94	183.77	5,851.85	1,373.74	1,270.56	103.18	13.313	
11,600.00	7,164.57	7,289.15	7,124.24	87.07	17.29	89.95	183.77	5,851.85	1,366.27	1,261.83	104.44	13.082	
11,652.41	7,164.49	7,289.24	7,124.33	87.91	17.29	89.95	183.77	5,851.85	1,365.26	1,260.33	104.93	13.011 CC, ES	
11,700.00	7,164.42	7,289.33	7,124.41	88.67	17.29	89.95	183.77	5,851.85	1,366.09	1,260.82	105.27	12.977 SF	
11,800.00	7,164.27	7,289.51	7,124.60	90.27	17.29	89.96	183.77	5,851.85	1,373.22	1,267.56	105.66	12.997	
11,900.00	7,164.13	7,289.69	7,124.78	91.87	17.29	89.97	183.77	5,851.85	1,387.53	1,281.92	105.61	13.138	
12,000.00	7,163.98	7,289.88	7,124.96	93.48	17.29	89.98	183.77	5,851.86	1,408.82	1,303.66	105.16	13.397	
12,100.00	7,163.84	7,290.06	7,125.15	95.09	17.29	89.99	183.77	5,851.86	1,436.76	1,332.42	104.34	13.770	
12,200.00	7,163.69	7,290.25	7,125.33	96.70	17.29	89.99	183.77	5,851.86	1,470.98	1,367.77	103.21	14.252	
12,300.00	7,163.55	7,290.44	7,125.52	98.31	17.29	90.00	183.77	5,851.86	1,511.06	1,409.23	101.84	14.838	
12,400.00	7,163.40	7,290.63	7,125.71	99.93	17.29	90.01	183.77	5,851.86	1,556.54	1,456.27	100.27	15.523	
12,500.00	7,163.25	7,290.82	7,125.90	101.54	17.30	90.02	183.76	5,851.86	1,606.97	1,508.40	98.57	16.303	
12,600.00	7,163.11	7,291.01	7,126.10	103.16	17.30	90.03	183.76	5,851.86	1,661.89	1,565.10	96.78	17.171	
12,700.00	7,162.96	7,291.21	7,126.29	104.78	17.30	90.03	183.76	5,851.86	1,720.87	1,625.91	94.96	18.123	
12,800.00	7,162.82	7,291.40	7,126.49	106.41	17.30	90.04	183.76	5,851.86	1,783.51	1,690.39	93.12	19.153	
12,900.00	7,162.67	7,291.60	7,126.69	108.03	17.30	90.05	183.76	5,851.86	1,849.44	1,758.14	91.30	20.257	
13,000.00	7,162.53	7,291.80	7,126.89	109.65	17.30	90.06	183.76	5,851.86	1,918.32	1,828.80	89.52	21.429	
13,100.00	7,162.38	7,292.00	7,127.09	111.28	17.30	90.07	183.76	5,851.86	1,989.84	1,902.05	87.79	22.666	
13,200.00	7,162.23	7,292.20	7,127.29	112.91	17.30	90.08	183.76	5,851.86	2,063.73	1,977.60	86.13	23.962	
13,300.00	7,162.09	7,292.41	7,127.50	114.54	17.30	90.08	183.76	5,851.86	2,139.74	2,055.21	84.53	25.313	
13,400.00	7,161.94	7,292.62	7,127.70	116.17	17.30	90.09	183.76	5,851.86	2,217.66	2,134.65	83.01	26.715	
13,500.00	7,161.80	7,292.82	7,127.91	117.80	17.30	90.10	183.76	5,851.87	2,297.28	2,215.72	81.57	28.164	
13,600.00	7,161.65	7,293.03	7,128.12	119.43	17.30	90.11	183.76	5,851.87	2,378.45	2,298.25	80.20	29.657	
13,700.00	7,161.51	7,293.25	7,128.33	121.06	17.30	90.12	183.76	5,851.87	2,461.01	2,382.10	78.90	31.190	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-04 Offsets Incomplete - DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid to True)											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,100.00	7,169.67	7,170.69	7,134.07	35.55	15.65	90.24	273.77	4,360.67	2,420.34	2,371.72	48.62	49.781		
8,200.00	7,169.52	7,170.22	7,133.60	36.73	15.65	90.22	273.77	4,360.67	2,335.75	2,286.23	49.52	47.170		
8,300.00	7,169.38	7,169.75	7,133.12	37.96	15.64	90.20	273.77	4,360.67	2,252.42	2,201.92	50.49	44.607		
8,400.00	7,169.23	7,169.27	7,132.65	39.21	15.64	90.18	273.78	4,360.67	2,170.50	2,118.94	51.56	42.100		
8,500.00	7,169.08	7,168.79	7,132.17	40.50	15.64	90.16	273.78	4,360.67	2,090.15	2,037.44	52.71	39.657		
8,600.00	7,168.94	7,168.32	7,131.69	41.81	15.64	90.14	273.78	4,360.68	2,011.56	1,957.61	53.95	37.285		
8,700.00	7,168.79	7,167.84	7,131.21	43.15	15.64	90.12	273.78	4,360.68	1,934.95	1,879.66	55.30	34.992		
8,800.00	7,168.65	7,167.36	7,130.73	44.51	15.64	90.09	273.78	4,360.68	1,860.56	1,803.82	56.74	32.788		
8,900.00	7,168.50	7,166.88	7,130.25	45.89	15.64	90.07	273.79	4,360.68	1,788.68	1,730.38	58.30	30.682		
9,000.00	7,168.36	7,166.39	7,129.77	47.29	15.64	90.05	273.79	4,360.68	1,719.60	1,659.65	59.95	28.682		
9,100.00	7,168.21	7,165.91	7,129.29	48.70	15.64	90.03	273.79	4,360.68	1,653.69	1,591.98	61.71	26.798		
9,200.00	7,168.06	7,165.43	7,128.80	50.13	15.64	90.01	273.79	4,360.69	1,591.33	1,527.78	63.55	25.039		
9,300.00	7,167.92	7,164.94	7,128.32	51.58	15.63	89.98	273.79	4,360.69	1,532.97	1,467.50	65.47	23.414		
9,400.00	7,167.77	7,164.45	7,127.83	53.04	15.63	89.96	273.79	4,360.69	1,479.07	1,411.63	67.44	21.931		
9,500.00	7,167.63	7,163.96	7,127.34	54.51	15.63	89.94	273.80	4,360.69	1,430.15	1,360.72	69.43	20.599		
9,600.00	7,167.48	7,163.48	7,126.85	55.99	15.63	89.92	273.80	4,360.69	1,386.71	1,315.32	71.40	19.423		
9,700.00	7,167.34	7,162.99	7,126.36	57.48	15.63	89.90	273.80	4,360.69	1,349.31	1,276.01	73.29	18.410		
9,800.00	7,167.19	7,162.49	7,125.87	58.98	15.63	89.87	273.80	4,360.70	1,318.44	1,243.38	75.06	17.564		
9,900.00	7,167.04	7,162.00	7,125.38	60.49	15.63	89.85	273.80	4,360.70	1,294.58	1,217.93	76.65	16.889		
10,000.00	7,166.90	7,161.51	7,124.88	62.01	15.63	89.83	273.81	4,360.70	1,278.12	1,200.12	78.00	16.386		
10,100.00	7,166.75	7,161.01	7,124.39	63.54	15.63	89.81	273.81	4,360.70	1,269.35	1,190.29	79.06	16.055		
10,161.73	7,166.66	7,160.71	7,124.08	64.48	15.63	89.79	273.81	4,360.70	1,267.85	1,188.29	79.56	15.936 CC, ES		
10,200.00	7,166.61	7,160.52	7,123.89	65.07	15.63	89.78	273.81	4,360.70	1,268.43	1,188.63	79.80	15.895 SF		
10,300.00	7,166.46	7,160.02	7,123.39	66.61	15.62	89.76	273.81	4,360.71	1,275.37	1,195.17	80.20	15.902		
10,400.00	7,166.32	7,159.52	7,122.89	68.16	15.62	89.74	273.81	4,360.71	1,290.04	1,209.78	80.27	16.072		
10,500.00	7,166.17	7,159.02	7,122.39	69.71	15.62	89.72	273.81	4,360.71	1,312.20	1,232.18	80.02	16.398		
10,600.00	7,166.02	7,158.52	7,121.89	71.26	15.62	89.69	273.82	4,360.71	1,341.46	1,261.96	79.50	16.874		
10,700.00	7,165.88	7,158.02	7,121.39	72.83	15.62	89.67	273.82	4,360.71	1,377.38	1,298.64	78.74	17.492		
10,800.00	7,165.73	7,157.51	7,120.89	74.39	15.62	89.65	273.82	4,360.71	1,419.45	1,341.64	77.80	18.244		
10,900.00	7,165.59	7,157.01	7,120.38	75.97	15.62	89.63	273.82	4,360.72	1,467.13	1,390.40	76.73	19.121		
11,000.00	7,165.44	7,156.50	7,119.88	77.54	15.62	89.60	273.82	4,360.72	1,519.91	1,444.34	75.57	20.114		
11,100.00	7,165.29	7,155.99	7,119.37	79.12	15.62	89.58	273.82	4,360.72	1,577.27	1,502.92	74.35	21.214		
11,200.00	7,165.15	7,155.49	7,118.86	80.70	15.61	89.56	273.83	4,360.72	1,638.73	1,565.61	73.11	22.414		
11,300.00	7,165.00	7,154.98	7,118.35	82.29	15.61	89.53	273.83	4,360.72	1,703.84	1,631.96	71.88	23.704		
11,400.00	7,164.86	7,154.47	7,117.84	83.88	15.61	89.51	273.83	4,360.73	1,772.21	1,701.54	70.67	25.077		
11,500.00	7,164.71	7,153.95	7,117.33	85.47	15.61	89.49	273.83	4,360.73	1,843.47	1,773.97	69.50	26.526		
11,600.00	7,164.57	7,153.44	7,116.82	87.07	15.61	89.46	273.83	4,360.73	1,917.29	1,848.92	68.37	28.043		
11,700.00	7,164.42	7,152.93	7,116.30	88.67	15.61	89.44	273.84	4,360.73	1,993.40	1,926.11	67.29	29.623		
11,800.00	7,164.27	7,152.41	7,115.79	90.27	15.61	89.42	273.84	4,360.73	2,071.55	2,005.28	66.27	31.258		
11,900.00	7,164.13	7,151.89	7,115.27	91.87	15.61	89.39	273.84	4,360.74	2,151.50	2,086.19	65.31	32.944		
12,000.00	7,163.98	7,151.37	7,114.75	93.48	15.61	89.37	273.84	4,360.74	2,233.07	2,168.67	64.40	34.675		
12,100.00	7,163.84	7,150.85	7,114.23	95.09	15.61	89.35	273.84	4,360.74	2,316.08	2,252.54	63.55	36.447		
12,200.00	7,163.69	7,150.33	7,113.71	96.70	15.60	89.32	273.84	4,360.74	2,400.39	2,337.65	62.75	38.255		
12,300.00	7,163.55	7,149.81	7,113.19	98.31	15.60	89.30	273.85	4,360.74	2,485.87	2,423.87	62.00	40.095		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design											5N-66W-04 Offsets Incomplete - Duke USX J 05-16 - SRCI P&A Well - Actual VES Surveys (Grid to Tru			Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
8,100.00	7,169.67	7,329.22	7,138.11	35.55	18.88	90.25	-440.52	3,792.89	2,477.72	2,423.14	54.58	45.397				
8,200.00	7,169.52	7,329.01	7,137.90	36.73	18.88	90.24	-440.52	3,792.89	2,418.89	2,363.14	55.75	43.386				
8,300.00	7,169.38	7,328.80	7,137.69	37.96	18.88	90.24	-440.52	3,792.89	2,362.83	2,305.85	56.98	41.469				
8,400.00	7,169.23	7,328.59	7,137.48	39.21	18.88	90.23	-440.52	3,792.89	2,309.74	2,251.49	58.25	39.653				
8,500.00	7,169.08	7,328.38	7,137.27	40.50	18.88	90.23	-440.52	3,792.89	2,259.83	2,200.27	59.56	37.944				
8,600.00	7,168.94	7,328.17	7,137.06	41.81	18.88	90.22	-440.52	3,792.89	2,213.31	2,152.41	60.90	36.346				
8,700.00	7,168.79	7,327.96	7,136.84	43.15	18.87	90.21	-440.53	3,792.89	2,170.41	2,108.15	62.25	34.864				
8,800.00	7,168.65	7,327.74	7,136.63	44.51	18.87	90.21	-440.53	3,792.89	2,131.33	2,067.72	63.62	33.502				
8,900.00	7,168.50	7,327.52	7,136.41	45.89	18.87	90.20	-440.53	3,792.89	2,096.31	2,031.33	64.98	32.263				
9,000.00	7,168.36	7,327.30	7,136.19	47.29	18.87	90.19	-440.53	3,792.89	2,065.54	1,999.22	66.31	31.148				
9,100.00	7,168.21	7,327.08	7,135.97	48.70	18.87	90.19	-440.53	3,792.89	2,039.21	1,971.59	67.62	30.158				
9,200.00	7,168.06	7,326.86	7,135.75	50.13	18.87	90.18	-440.53	3,792.89	2,017.50	1,948.63	68.87	29.295				
9,300.00	7,167.92	7,326.64	7,135.52	51.58	18.87	90.17	-440.53	3,792.89	2,000.55	1,930.50	70.05	28.558				
9,400.00	7,167.77	7,326.41	7,135.30	53.04	18.87	90.17	-440.53	3,792.89	1,988.50	1,917.35	71.16	27.945				
9,500.00	7,167.63	7,326.18	7,135.07	54.51	18.87	90.16	-440.53	3,792.89	1,981.43	1,909.26	72.17	27.456				
9,590.37	7,167.50	7,325.98	7,134.86	55.84	18.87	90.16	-440.53	3,792.89	1,979.37	1,906.38	72.99	27.117 CC				
9,600.00	7,167.48	7,325.95	7,134.84	55.99	18.87	90.15	-440.53	3,792.89	1,979.39	1,906.32	73.07	27.087 ES				
9,700.00	7,167.34	7,325.72	7,134.61	57.48	18.87	90.15	-440.53	3,792.89	1,982.40	1,908.53	73.87	26.837				
9,800.00	7,167.19	7,325.49	7,134.38	58.98	18.87	90.14	-440.53	3,792.89	1,990.44	1,915.89	74.55	26.701				
9,900.00	7,167.04	7,325.26	7,134.15	60.49	18.87	90.13	-440.53	3,792.89	2,003.44	1,928.33	75.10	26.675 SF				
10,000.00	7,166.90	7,325.02	7,133.91	62.01	18.87	90.13	-440.53	3,792.89	2,021.31	1,945.77	75.54	26.757				
10,100.00	7,166.75	7,324.79	7,133.67	63.54	18.87	90.12	-440.53	3,792.89	2,043.92	1,968.05	75.87	26.940				
10,200.00	7,166.61	7,324.55	7,133.43	65.07	18.87	90.11	-440.53	3,792.89	2,071.12	1,995.04	76.08	27.222				
10,300.00	7,166.46	7,324.31	7,133.19	66.61	18.87	90.11	-440.54	3,792.89	2,102.73	2,026.53	76.20	27.596				
10,400.00	7,166.32	7,324.06	7,132.95	68.16	18.87	90.10	-440.54	3,792.89	2,138.55	2,062.33	76.22	28.059				
10,500.00	7,166.17	7,323.82	7,132.71	69.71	18.87	90.09	-440.54	3,792.89	2,178.37	2,102.22	76.15	28.605				
10,600.00	7,166.02	7,323.57	7,132.46	71.26	18.87	90.09	-440.54	3,792.89	2,221.99	2,145.97	76.02	29.230				
10,700.00	7,165.88	7,323.32	7,132.21	72.83	18.87	90.08	-440.54	3,792.89	2,269.18	2,193.36	75.82	29.930				
10,800.00	7,165.73	7,323.08	7,131.96	74.39	18.87	90.07	-440.54	3,792.89	2,319.72	2,244.15	75.56	30.699				
10,900.00	7,165.59	7,322.82	7,131.71	75.97	18.87	90.06	-440.54	3,792.89	2,373.40	2,298.13	75.27	31.533				
11,000.00	7,165.44	7,322.57	7,131.46	77.54	18.87	90.06	-440.54	3,792.89	2,430.01	2,355.07	74.93	32.429				
11,100.00	7,165.29	7,322.31	7,131.20	79.12	18.87	90.05	-440.54	3,792.90	2,489.35	2,414.78	74.57	33.382				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7520-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,200.00	5,918.14	6,061.97	5,893.81	22.45	15.94	51.74	980.82	3,741.57	2,497.75	2,462.63	35.12	71.113		
6,300.00	6,012.83	6,150.28	5,982.11	22.88	16.09	52.28	980.47	3,741.20	2,476.91	2,441.20	35.72	69.349		
6,400.00	6,107.53	6,242.46	6,074.29	23.31	16.24	52.85	979.99	3,740.92	2,456.46	2,420.14	36.32	67.637		
6,500.00	6,202.22	6,335.52	6,167.35	23.74	16.40	53.43	979.59	3,740.73	2,436.35	2,399.43	36.92	65.982		
6,600.00	6,296.91	6,429.56	6,261.39	24.17	16.56	54.02	979.28	3,740.57	2,416.54	2,379.00	37.54	64.378		
6,700.00	6,391.60	6,523.79	6,355.62	24.60	16.72	54.63	978.95	3,740.45	2,397.04	2,358.89	38.15	62.827		
6,800.00	6,486.30	6,619.88	6,451.71	25.04	16.89	55.25	978.74	3,740.27	2,377.75	2,338.97	38.78	61.319		
6,900.00	6,580.99	6,707.72	6,539.55	25.47	17.04	55.83	978.44	3,740.23	2,358.90	2,319.51	39.39	59.886		
7,000.00	6,675.68	6,804.79	6,636.62	25.91	17.21	56.49	978.04	3,740.25	2,340.43	2,300.41	40.02	58.482		
7,100.00	6,769.01	6,891.82	6,723.64	26.37	17.37	45.62	977.59	3,740.33	2,317.39	2,276.73	40.66	57.000		
7,200.00	6,857.00	6,984.11	6,815.94	26.93	17.53	38.91	977.01	3,740.45	2,280.39	2,239.02	41.36	55.133		
7,300.00	6,937.46	7,071.58	6,903.41	27.60	17.68	36.37	976.44	3,740.31	2,229.87	2,187.76	42.10	52.960		
7,400.00	7,008.38	7,145.24	6,977.06	28.37	17.82	36.58	975.86	3,739.97	2,167.20	2,124.34	42.85	50.574		
7,500.00	7,068.02	7,205.39	7,037.20	29.23	17.92	39.32	975.46	3,739.66	2,094.14	2,050.56	43.58	48.049		
7,600.00	7,114.92	7,246.99	7,078.80	30.17	18.00	45.02	975.17	3,739.50	2,012.63	1,968.35	44.28	45.456		
7,700.00	7,147.92	7,276.77	7,108.58	31.17	18.05	55.36	974.93	3,739.43	1,924.67	1,879.74	44.93	42.841		
7,800.00	7,166.21	7,293.31	7,125.13	32.22	18.08	72.74	974.79	3,739.40	1,832.35	1,786.83	45.52	40.255		
7,900.00	7,169.96	7,296.65	7,128.46	33.29	18.09	89.89	974.76	3,739.40	1,737.90	1,691.85	46.05	37.738		
8,000.00	7,169.81	7,296.42	7,128.23	34.40	18.09	89.87	974.76	3,739.40	1,643.63	1,597.01	46.61	35.260		
8,100.00	7,169.67	7,296.19	7,128.01	35.55	18.09	89.84	974.76	3,739.40	1,550.08	1,502.82	47.26	32.801		
8,200.00	7,169.52	7,295.96	7,127.78	36.73	18.09	89.82	974.77	3,739.40	1,457.38	1,409.39	47.99	30.366		
8,300.00	7,169.38	7,295.73	7,127.54	37.96	18.08	89.79	974.77	3,739.40	1,365.72	1,316.87	48.84	27.961		
8,400.00	7,169.23	7,295.50	7,127.31	39.21	18.08	89.77	974.77	3,739.40	1,275.30	1,225.48	49.83	25.594		
8,500.00	7,169.08	7,295.26	7,127.08	40.50	18.08	89.75	974.77	3,739.40	1,186.43	1,135.46	50.97	23.276		
8,600.00	7,168.94	7,295.02	7,126.84	41.81	18.08	89.72	974.77	3,739.40	1,099.47	1,047.16	52.31	21.018		
8,700.00	7,168.79	7,294.79	7,126.60	43.15	18.08	89.70	974.78	3,739.40	1,014.92	961.04	53.87	18.838		
8,800.00	7,168.65	7,294.54	7,126.36	44.51	18.08	89.67	974.78	3,739.40	933.42	877.72	55.70	16.757		
8,900.00	7,168.50	7,294.30	7,126.12	45.89	18.08	89.65	974.78	3,739.40	855.86	798.04	57.83	14.801		
9,000.00	7,168.36	7,294.06	7,125.87	47.29	18.08	89.62	974.78	3,739.40	783.40	723.15	60.25	13.002		
9,100.00	7,168.21	7,293.81	7,125.62	48.70	18.08	89.60	974.79	3,739.40	717.59	654.64	62.95	11.399		
9,200.00	7,168.06	7,293.56	7,125.38	50.13	18.08	89.57	974.79	3,739.40	660.42	594.62	65.80	10.037		
9,300.00	7,167.92	7,293.31	7,125.12	51.58	18.08	89.55	974.79	3,739.40	614.31	545.78	68.53	8.964		
9,400.00	7,167.77	7,293.06	7,124.87	53.04	18.08	89.52	974.79	3,739.40	581.89	511.16	70.73	8.227		
9,500.00	7,167.63	7,292.80	7,124.62	54.51	18.08	89.50	974.79	3,739.41	565.52	493.59	71.92	7.863		
9,543.91	7,167.56	7,292.69	7,124.50	55.16	18.08	89.49	974.80	3,739.41	563.81	491.78	72.03	7.827 CC, ES, SF		
9,600.00	7,167.48	7,292.54	7,124.36	55.99	18.08	89.47	974.80	3,739.41	566.59	494.82	71.77	7.894		
9,700.00	7,167.34	7,292.28	7,124.10	57.48	18.08	89.44	974.80	3,739.41	585.02	514.73	70.29	8.323		
9,800.00	7,167.19	7,292.02	7,123.84	58.98	18.08	89.42	974.80	3,739.41	619.25	551.39	67.85	9.126		
9,900.00	7,167.04	7,291.76	7,123.57	60.49	18.08	89.39	974.80	3,739.41	666.85	601.90	64.94	10.268		
10,000.00	7,166.90	7,291.49	7,123.31	62.01	18.08	89.36	974.81	3,739.41	725.19	663.21	61.98	11.700		
10,100.00	7,166.75	7,291.22	7,123.04	63.54	18.08	89.34	974.81	3,739.41	791.91	732.69	59.22	13.372		
10,200.00	7,166.61	7,290.95	7,122.77	65.07	18.08	89.31	974.81	3,739.41	865.06	808.28	56.78	15.235		
10,300.00	7,166.46	7,290.68	7,122.49	66.61	18.08	89.28	974.81	3,739.41	943.16	888.47	54.69	17.246		
10,400.00	7,166.32	7,290.40	7,122.22	68.16	18.08	89.25	974.82	3,739.41	1,025.07	972.15	52.92	19.369		
10,500.00	7,166.17	7,290.13	7,121.94	69.71	18.07	89.23	974.82	3,739.41	1,109.95	1,058.50	51.45	21.573		
10,600.00	7,166.02	7,289.85	7,121.66	71.26	18.07	89.20	974.82	3,739.41	1,197.17	1,146.94	50.23	23.836		
10,700.00	7,165.88	7,289.56	7,121.38	72.83	18.07	89.17	974.82	3,739.41	1,286.24	1,237.03	49.21	26.138		
10,800.00	7,165.73	7,289.28	7,121.09	74.39	18.07	89.14	974.83	3,739.41	1,376.82	1,328.46	48.37	28.467		
10,900.00	7,165.59	7,288.99	7,120.81	75.97	18.07	89.11	974.83	3,739.41	1,468.62	1,420.96	47.67	30.811		
11,000.00	7,165.44	7,288.70	7,120.52	77.54	18.07	89.08	974.83	3,739.41	1,561.43	1,514.35	47.09	33.162		
11,100.00	7,165.29	7,288.41	7,120.22	79.12	18.07	89.05	974.83	3,739.41	1,655.08	1,608.48	46.60	35.515		
11,200.00	7,165.15	7,288.11	7,119.93	80.70	18.07	89.02	974.84	3,739.41	1,749.43	1,703.23	46.20	37.865		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-04 Offsets Incomplete - DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys (Grid to True)											Offset Site Error:	0.00 usft
Survey Program:	100-SRC Energy_VESSI GyroFlex V4, 7520-SRC Energy_2° CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
11,300.00	7,165.00	7,287.81	7,119.63	82.29	18.07	88.99	974.84	3,739.41	1,844.38	1,798.51	45.87	40.209	
11,400.00	7,164.86	7,287.51	7,119.33	83.88	18.07	88.96	974.84	3,739.41	1,939.83	1,894.23	45.59	42.545	
11,500.00	7,164.71	7,287.21	7,119.02	85.47	18.07	88.93	974.84	3,739.41	2,035.72	1,990.35	45.37	44.872	
11,600.00	7,164.57	7,286.90	7,118.72	87.07	18.07	88.90	974.85	3,739.41	2,131.99	2,086.80	45.18	47.187	
11,700.00	7,164.42	7,286.59	7,118.41	88.67	18.07	88.87	974.85	3,739.41	2,228.58	2,183.55	45.03	49.491	
11,800.00	7,164.27	7,286.28	7,118.10	90.27	18.07	88.83	974.85	3,739.41	2,325.47	2,280.56	44.91	51.782	
11,900.00	7,164.13	7,285.97	7,117.78	91.87	18.07	88.80	974.85	3,739.41	2,422.60	2,377.79	44.81	54.060	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7000-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,400.00	7,167.77	7,308.16	7,070.49	53.04	23.49	-86.73	1,791.10	5,985.39	2,406.10	2,359.79	46.31	51.956	
9,500.00	7,167.63	7,308.80	7,071.13	54.51	23.50	-86.88	1,791.10	5,985.39	2,306.63	2,260.36	46.27	49.855	
9,600.00	7,167.48	7,309.44	7,071.77	55.99	23.54	-87.03	1,791.09	5,985.40	2,207.20	2,160.95	46.26	47.716	
9,700.00	7,167.34	7,310.08	7,072.41	57.48	23.56	-87.18	1,791.09	5,985.40	2,107.83	2,061.62	46.21	45.613	
9,800.00	7,167.19	7,310.72	7,073.05	58.98	23.57	-87.34	1,791.09	5,985.41	2,008.52	1,962.36	46.16	43.508	
9,900.00	7,167.04	7,311.37	7,073.69	60.49	23.58	-87.49	1,791.08	5,985.42	1,909.29	1,863.17	46.12	41.401	
10,000.00	7,166.90	7,312.01	7,074.33	62.01	23.60	-87.64	1,791.08	5,985.42	1,810.14	1,764.07	46.07	39.290	
10,100.00	7,166.75	7,312.65	7,074.97	63.54	23.61	-87.79	1,791.07	5,985.43	1,711.08	1,665.05	46.03	37.173	
10,200.00	7,166.61	7,313.29	7,075.61	65.07	23.62	-87.94	1,791.07	5,985.43	1,612.15	1,566.15	46.00	35.049	
10,300.00	7,166.46	7,313.93	7,076.25	66.61	23.64	-88.09	1,791.06	5,985.44	1,513.35	1,467.37	45.98	32.914	
10,400.00	7,166.32	7,314.57	7,076.89	68.16	23.65	-88.25	1,791.06	5,985.44	1,414.72	1,368.73	45.99	30.765	
10,500.00	7,166.17	7,315.21	7,077.53	69.71	23.66	-88.40	1,791.06	5,985.45	1,316.30	1,270.27	46.03	28.597	
10,600.00	7,166.02	7,315.85	7,078.17	71.26	23.68	-88.55	1,791.05	5,985.45	1,218.13	1,172.00	46.13	26.405	
10,700.00	7,165.88	7,316.49	7,078.81	72.83	23.69	-88.70	1,791.05	5,985.46	1,120.29	1,073.96	46.33	24.181	
10,800.00	7,165.73	7,317.13	7,079.46	74.39	23.70	-88.85	1,791.04	5,985.46	1,022.87	976.20	46.67	21.917	
10,900.00	7,165.59	7,317.77	7,080.10	75.97	23.72	-89.01	1,791.04	5,985.47	925.99	878.76	47.23	19.606	
11,000.00	7,165.44	7,318.41	7,080.74	77.54	23.73	-89.16	1,791.04	5,985.47	829.86	781.72	48.14	17.238	
11,100.00	7,165.29	7,319.05	7,081.38	79.12	23.74	-89.31	1,791.03	5,985.48	734.76	685.16	49.60	14.814	
11,200.00	7,165.15	7,319.69	7,082.02	80.70	23.76	-89.46	1,791.03	5,985.48	641.15	589.23	51.92	12.349	
11,300.00	7,165.00	7,320.33	7,082.66	82.29	23.77	-89.61	1,791.02	5,985.49	549.79	494.19	55.60	9.888	
11,400.00	7,164.86	7,320.97	7,083.30	83.88	23.78	-89.77	1,791.02	5,985.49	462.03	400.60	61.43	7.521	
11,500.00	7,164.71	7,321.61	7,083.94	85.47	23.79	-89.92	1,791.02	5,985.50	380.35	309.82	70.53	5.393	
11,600.00	7,164.57	7,322.25	7,084.58	87.07	23.81	-90.07	1,791.01	5,985.50	309.62	225.57	84.05	3.684	
11,700.00	7,164.42	7,322.89	7,085.22	88.67	23.82	-90.22	1,791.01	5,985.51	258.97	157.95	101.01	2.564	
11,794.02	7,164.28	7,323.50	7,085.82	90.17	23.83	-90.37	1,791.00	5,985.51	241.30	128.12	113.17	2.132 CC	
11,800.00	7,164.27	7,323.54	7,085.86	90.27	23.83	-90.37	1,791.00	5,985.51	241.37	127.79	113.59	2.125 ES, SF	
11,900.00	7,164.13	7,324.18	7,086.50	91.87	23.85	-90.53	1,791.00	5,985.52	263.55	150.55	113.00	2.332	
12,000.00	7,163.98	7,324.82	7,087.14	93.48	23.86	-90.68	1,791.00	5,985.52	317.26	213.27	103.98	3.051	
12,100.00	7,163.84	7,325.46	7,087.78	95.09	23.87	-90.83	1,790.99	5,985.53	389.67	295.33	94.34	4.131	
12,200.00	7,163.69	7,326.10	7,088.42	96.70	23.89	-90.98	1,790.99	5,985.53	472.27	385.66	86.61	5.453	
12,300.00	7,163.55	7,326.74	7,089.06	98.31	23.90	-91.13	1,790.98	5,985.54	560.56	479.74	80.82	6.936	
12,400.00	7,163.40	7,327.38	7,089.70	99.93	23.91	-91.29	1,790.98	5,985.54	652.25	575.75	76.49	8.527	
12,500.00	7,163.25	7,328.02	7,090.34	101.54	23.93	-91.44	1,790.98	5,985.55	746.07	672.85	73.21	10.190	
12,600.00	7,163.11	7,328.66	7,090.98	103.16	23.94	-91.59	1,790.97	5,985.55	841.31	770.63	70.68	11.903	
12,700.00	7,162.96	7,329.30	7,091.62	104.78	23.95	-91.74	1,790.97	5,985.56	937.55	868.85	68.69	13.648	
12,800.00	7,162.82	7,329.94	7,092.27	106.41	23.97	-91.89	1,790.96	5,985.56	1,034.50	967.39	67.10	15.416	
12,900.00	7,162.67	7,330.58	7,092.91	108.03	23.98	-92.05	1,790.96	5,985.57	1,131.98	1,066.16	65.82	17.199	
13,000.00	7,162.53	7,331.22	7,093.55	109.65	23.99	-92.20	1,790.96	5,985.57	1,229.86	1,165.10	64.76	18.991	
13,100.00	7,162.38	7,331.86	7,094.19	111.28	24.01	-92.35	1,790.95	5,985.58	1,328.06	1,264.17	63.89	20.788	
13,200.00	7,162.23	7,332.50	7,094.83	112.91	24.02	-92.50	1,790.95	5,985.58	1,426.51	1,363.35	63.15	22.588	
13,300.00	7,162.09	7,333.14	7,095.47	114.54	24.03	-92.65	1,790.94	5,985.59	1,525.16	1,462.62	62.54	24.388	
13,400.00	7,161.94	7,333.78	7,096.11	116.17	24.04	-92.81	1,790.94	5,985.59	1,623.98	1,561.96	62.02	26.186	
13,500.00	7,161.80	7,334.42	7,096.75	117.80	24.06	-92.96	1,790.94	5,985.60	1,722.93	1,661.36	61.57	27.982	
13,600.00	7,161.65	7,335.07	7,097.39	119.43	24.07	-93.11	1,790.93	5,985.60	1,821.99	1,760.80	61.19	29.775	
13,700.00	7,161.51	7,335.71	7,098.03	121.06	24.08	-93.26	1,790.93	5,985.61	1,921.16	1,860.29	60.87	31.562	
13,800.00	7,161.36	7,336.35	7,098.67	122.70	24.10	-93.41	1,790.92	5,985.61	2,020.40	1,959.81	60.59	33.345	
13,900.00	7,161.21	7,336.99	7,099.31	124.33	24.11	-93.56	1,790.92	5,985.62	2,119.72	2,059.37	60.35	35.123	
14,000.00	7,161.07	7,337.63	7,099.95	125.97	24.12	-93.72	1,790.91	5,985.62	2,219.09	2,158.95	60.15	36.894	
14,100.00	7,160.92	7,338.27	7,100.59	127.61	24.14	-93.87	1,790.91	5,985.63	2,318.53	2,258.55	59.97	38.659	
14,200.00	7,160.78	7,338.91	7,101.23	129.24	24.15	-94.02	1,790.91	5,985.63	2,418.00	2,358.18	59.83	40.417	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,800.00	2,698.58	3,055.75	3,018.21	9.66	9.34	-19.03	2,610.66	1,634.44	2,463.16	2,447.49	15.66	157.262		
2,900.00	2,793.27	3,146.25	3,107.49	9.93	9.51	-19.09	2,595.86	1,634.86	2,419.31	2,403.30	16.00	151.166		
3,000.00	2,887.96	3,232.14	3,192.20	10.20	9.69	-19.14	2,581.71	1,635.47	2,375.47	2,359.10	16.36	145.170		
3,100.00	2,982.66	3,325.80	3,284.59	10.49	9.88	-19.19	2,566.33	1,636.20	2,331.70	2,314.95	16.75	139.242		
3,200.00	3,077.35	3,431.79	3,389.14	10.79	10.10	-19.29	2,548.96	1,635.96	2,287.54	2,270.39	17.15	133.382		
3,300.00	3,172.04	3,539.84	3,495.73	11.10	10.32	-19.44	2,531.34	1,633.69	2,242.66	2,225.09	17.57	127.631		
3,400.00	3,266.74	3,629.87	3,584.51	11.42	10.52	-19.60	2,516.78	1,630.75	2,197.42	2,179.43	17.99	122.147		
3,500.00	3,361.43	3,728.48	3,681.75	11.75	10.75	-19.79	2,500.75	1,627.14	2,151.95	2,133.52	18.43	116.756		
3,600.00	3,456.12	3,815.43	3,767.48	12.09	10.96	-19.99	2,486.75	1,623.39	2,106.36	2,087.49	18.87	111.599		
3,700.00	3,550.81	3,905.66	3,856.46	12.44	11.18	-20.21	2,472.44	1,619.04	2,060.78	2,041.45	19.33	106.594		
3,800.00	3,645.51	3,998.10	3,947.62	12.79	11.41	-20.47	2,457.87	1,614.15	2,015.11	1,995.30	19.80	101.749		
3,900.00	3,740.20	4,086.11	4,034.40	13.15	11.64	-20.74	2,444.15	1,609.06	1,969.40	1,949.12	20.28	97.095		
4,000.00	3,834.89	4,172.63	4,119.73	13.52	11.86	-21.03	2,430.89	1,603.71	1,923.79	1,903.02	20.77	92.621		
4,100.00	3,929.59	4,262.07	4,207.96	13.89	12.10	-21.37	2,417.43	1,597.77	1,878.25	1,856.98	21.27	88.306		
4,200.00	4,024.28	4,351.87	4,296.52	14.26	12.35	-21.74	2,404.13	1,591.21	1,832.71	1,810.93	21.78	84.153		
4,300.00	4,118.97	4,439.92	4,383.36	14.65	12.58	-22.13	2,391.15	1,584.60	1,787.20	1,764.91	22.29	80.177		
4,400.00	4,213.67	4,523.90	4,466.19	15.03	12.78	-22.48	2,378.39	1,579.30	1,741.86	1,719.05	22.81	76.378		
4,500.00	4,308.36	4,606.42	4,547.60	15.42	12.99	-22.78	2,365.38	1,575.74	1,696.87	1,673.54	23.33	72.737		
4,600.00	4,403.05	4,688.25	4,628.31	15.81	13.20	-23.03	2,352.05	1,573.92	1,652.27	1,628.41	23.86	69.246		
4,700.00	4,497.74	4,774.13	4,713.04	16.21	13.42	-23.26	2,338.01	1,573.01	1,608.09	1,583.68	24.40	65.896		
4,800.00	4,592.44	4,869.82	4,807.41	16.61	13.68	-23.54	2,322.29	1,571.82	1,563.80	1,538.84	24.96	62.659		
4,900.00	4,687.13	4,965.65	4,901.94	17.01	13.95	-23.91	2,306.76	1,569.02	1,519.11	1,493.59	25.52	59.529		
5,000.00	4,781.82	5,057.33	4,992.37	17.42	14.22	-24.35	2,292.32	1,564.71	1,474.21	1,448.12	26.09	56.512		
5,100.00	4,876.52	5,143.68	5,077.55	17.83	14.47	-24.86	2,279.28	1,559.22	1,429.33	1,402.66	26.66	53.609		
5,200.00	4,971.21	5,226.38	5,159.18	18.24	14.71	-25.45	2,267.71	1,552.70	1,384.93	1,357.68	27.25	50.829		
5,300.00	5,065.90	5,315.59	5,247.19	18.65	14.96	-26.19	2,255.86	1,544.29	1,340.75	1,312.91	27.84	48.158		
5,400.00	5,160.60	5,397.11	5,327.62	19.07	15.20	-26.97	2,245.64	1,535.69	1,297.03	1,268.58	28.45	45.591		
5,500.00	5,255.29	5,477.12	5,406.55	19.48	15.43	-27.83	2,236.42	1,526.44	1,254.07	1,225.00	29.07	43.136		
5,600.00	5,349.98	5,564.25	5,492.51	19.90	15.66	-28.86	2,227.00	1,515.76	1,211.81	1,182.10	29.70	40.797		
5,700.00	5,444.67	5,666.43	5,593.30	20.32	15.92	-30.11	2,215.16	1,503.95	1,169.49	1,139.16	30.33	38.557		
5,800.00	5,539.37	5,761.97	5,687.54	20.74	16.17	-31.26	2,202.43	1,494.73	1,126.58	1,095.60	30.97	36.372		
5,900.00	5,634.06	5,873.10	5,797.01	21.17	16.48	-32.60	2,185.71	1,485.37	1,082.88	1,051.28	31.60	34.264		
6,000.00	5,728.75	5,976.11	5,898.07	21.59	16.80	-33.99	2,168.29	1,475.75	1,037.66	1,005.39	32.27	32.158		
6,100.00	5,823.45	6,056.25	5,976.72	22.02	17.05	-35.10	2,154.31	1,469.27	992.70	959.72	32.98	30.098		
6,200.00	5,918.14	6,137.84	6,056.93	22.45	17.30	-36.18	2,140.10	1,464.82	948.68	914.98	33.70	28.148		
6,300.00	6,012.83	6,245.12	6,162.28	22.88	17.62	-37.53	2,120.08	1,461.99	904.50	870.15	34.35	26.333		
6,400.00	6,107.53	6,327.81	6,243.29	23.31	17.87	-38.49	2,103.50	1,462.32	859.86	824.79	35.07	24.519		
6,500.00	6,202.22	6,396.10	6,310.27	23.74	18.07	-39.21	2,090.40	1,464.48	816.68	780.83	35.85	22.781		
6,600.00	6,296.91	6,474.86	6,387.77	24.17	18.29	-40.02	2,076.96	1,468.61	775.84	739.24	36.60	21.200		
6,700.00	6,391.60	6,567.78	6,479.27	24.60	18.56	-41.09	2,061.49	1,473.19	735.57	698.27	37.30	19.721		
6,800.00	6,486.30	6,662.31	6,572.36	25.04	18.84	-42.45	2,045.32	1,476.16	694.93	656.90	38.03	18.274		
6,900.00	6,580.99	6,747.38	6,656.12	25.47	19.09	-43.84	2,030.71	1,478.63	654.57	615.74	38.83	16.856		
7,000.00	6,675.68	6,836.57	6,743.56	25.91	19.33	-44.81	2,016.01	1,487.95	615.66	576.10	39.57	15.560		
7,100.00	6,769.01	6,943.38	6,844.83	26.37	19.61	-46.11	1,995.97	1,514.77	575.49	535.41	40.07	14.360		
7,200.00	6,857.00	7,039.55	6,930.23	26.93	19.85	-72.63	1,975.80	1,553.93	534.44	493.67	40.78	13.107		
7,300.00	6,937.46	7,124.70	7,000.76	27.60	20.05	-81.81	1,958.41	1,598.23	495.77	453.97	41.80	11.862		
7,400.00	7,008.38	7,205.15	7,060.80	28.37	20.22	-88.79	1,944.40	1,649.78	462.39	419.30	43.10	10.729		
7,500.00	7,068.02	7,286.42	7,113.71	29.23	20.37	-94.14	1,934.19	1,710.52	436.63	391.99	44.64	9.782		
7,600.00	7,114.92	7,378.00	7,163.74	30.17	20.53	-98.44	1,926.84	1,786.79	418.86	372.55	46.31	9.045		
7,700.00	7,147.92	7,484.91	7,209.12	31.17	20.89	-102.13	1,920.18	1,883.25	406.75	358.63	48.12	8.453		
7,800.00	7,166.21	7,590.80	7,240.36	32.22	21.83	-105.10	1,915.08	1,984.19	400.22	349.98	50.24	7.966		
7,890.25	7,171.48	7,686.78	7,254.55	33.19	23.26	-106.64	1,912.50	2,079.03	398.45	346.00	52.45	7.597		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,900.00	7,169.96	7,696.85	7,255.51	33.29	23.44	-106.97	1,912.31	2,089.04	399.27	346.62	52.65	7.583	
8,000.00	7,169.81	7,789.24	7,261.82	34.40	25.15	-107.90	1,911.61	2,181.21	400.22	344.86	55.36	7.229	
8,100.00	7,169.67	7,880.00	7,268.03	35.55	26.98	-108.69	1,913.71	2,271.73	404.12	345.90	58.22	6.941	
8,200.00	7,169.52	7,995.72	7,279.02	36.73	29.53	-110.13	1,915.08	2,386.90	408.15	346.92	61.22	6.666	
8,300.00	7,169.38	8,114.65	7,290.56	37.96	32.36	-111.99	1,909.36	2,505.12	406.69	342.52	64.17	6.337	
8,400.00	7,169.23	8,217.32	7,300.51	39.21	34.94	-113.77	1,901.58	2,607.01	403.06	336.02	67.04	6.012	
8,500.00	7,169.08	8,320.88	7,308.37	40.50	37.62	-115.30	1,893.75	2,709.97	398.92	328.97	69.96	5.702	
8,600.00	7,168.94	8,427.25	7,311.65	41.81	40.42	-116.28	1,885.90	2,815.99	393.22	320.11	73.11	5.379	
8,700.00	7,168.79	8,524.63	7,310.95	43.15	43.03	-116.64	1,879.82	2,913.17	386.93	310.38	76.55	5.055	
8,800.00	7,168.65	8,616.58	7,308.83	44.51	45.50	-116.63	1,876.46	3,005.03	382.25	302.06	80.20	4.766	
8,900.00	7,168.50	8,710.51	7,306.40	45.89	48.04	-116.43	1,875.32	3,098.92	379.63	295.63	84.00	4.520	
9,000.00	7,168.36	8,808.01	7,303.84	47.29	50.70	-116.14	1,875.22	3,196.39	377.99	290.07	87.92	4.299	
9,100.00	7,168.21	8,910.80	7,300.91	48.70	53.52	-115.78	1,875.43	3,299.14	376.55	284.58	91.98	4.094	
9,200.00	7,168.06	9,013.56	7,295.96	50.13	56.37	-115.16	1,875.24	3,401.77	373.92	277.68	96.25	3.885	
9,300.00	7,167.92	9,116.54	7,290.84	51.58	59.25	-114.55	1,874.51	3,504.62	370.81	270.23	100.58	3.687	
9,400.00	7,167.77	9,219.57	7,285.48	53.04	62.15	-113.95	1,872.82	3,607.50	366.78	261.83	104.95	3.495	
9,500.00	7,167.63	9,314.58	7,281.53	54.51	64.84	-113.55	1,870.99	3,702.41	362.95	253.74	109.21	3.324	
9,585.64	7,167.50	9,389.11	7,280.62	55.77	66.95	-113.49	1,870.39	3,776.92	361.58	248.97	112.61	3.211	
9,600.00	7,167.48	9,401.52	7,280.66	55.99	67.30	-113.50	1,870.47	3,789.33	361.62	248.46	113.15	3.196	
9,700.00	7,167.34	9,498.12	7,281.52	57.48	70.04	-113.59	1,871.78	3,885.92	362.81	245.73	117.08	3.099	
9,800.00	7,167.19	9,599.88	7,282.26	58.98	72.93	-113.65	1,873.32	3,987.66	364.09	242.98	121.11	3.006	
9,900.00	7,167.04	9,698.87	7,282.98	60.49	75.75	-113.72	1,874.65	4,086.65	365.22	240.11	125.11	2.919	
10,000.00	7,166.90	9,799.70	7,283.88	62.01	78.63	-113.82	1,875.95	4,187.47	366.37	237.25	129.12	2.837	
10,100.00	7,166.75	9,898.72	7,284.82	63.54	81.47	-113.93	1,877.24	4,286.47	367.56	234.45	133.11	2.761	
10,200.00	7,166.61	9,998.05	7,285.75	65.07	84.32	-114.01	1,878.84	4,385.78	369.01	231.89	137.12	2.691	
10,300.00	7,166.46	10,099.88	7,286.63	66.61	87.25	-114.10	1,880.29	4,487.60	370.27	229.09	141.19	2.623	
10,400.00	7,166.32	10,201.70	7,287.74	68.16	90.20	-114.26	1,880.98	4,589.41	370.95	225.77	145.18	2.555	
10,500.00	7,166.17	10,304.45	7,288.81	69.71	93.17	-114.45	1,881.26	4,692.16	371.24	222.09	149.15	2.489	
10,600.00	7,166.02	10,407.10	7,289.77	71.26	96.16	-114.69	1,880.41	4,794.79	370.47	217.41	153.07	2.420	
10,700.00	7,165.88	10,507.48	7,290.76	72.83	99.08	-114.96	1,879.26	4,895.17	369.47	212.55	156.92	2.354	
10,800.00	7,165.73	10,612.67	7,291.16	74.39	102.15	-115.17	1,877.71	5,000.34	367.92	207.07	160.84	2.287	
10,900.00	7,165.59	10,712.95	7,289.62	75.97	105.07	-115.13	1,875.89	5,100.59	365.24	200.21	165.02	2.213	
11,000.00	7,165.44	10,804.50	7,288.04	77.54	107.73	-114.98	1,875.49	5,192.12	363.73	194.45	169.28	2.149	
11,008.78	7,165.43	10,812.44	7,287.90	77.68	107.96	-114.96	1,875.58	5,200.06	363.72	194.06	169.66	2.144	
11,100.00	7,165.29	10,900.10	7,286.63	79.12	110.51	-114.73	1,877.06	5,287.69	364.21	190.55	173.66	2.097	
11,200.00	7,165.15	10,998.89	7,285.61	80.70	113.37	-114.49	1,879.24	5,386.46	365.40	187.33	178.07	2.052	
11,300.00	7,165.00	11,100.83	7,284.38	82.29	116.34	-114.23	1,881.44	5,488.37	366.47	183.89	182.58	2.007	
11,400.00	7,164.86	11,202.25	7,283.59	83.88	119.29	-114.07	1,882.94	5,589.78	367.12	180.15	186.97	1.963	
11,500.00	7,164.71	11,304.69	7,283.11	85.47	122.29	-114.02	1,883.47	5,692.21	367.00	175.74	191.25	1.919	
11,522.11	7,164.68	11,325.83	7,282.99	85.83	122.90	-114.01	1,883.58	5,713.35	366.97	174.78	192.19	1.909	
11,600.00	7,164.57	11,400.61	7,282.54	87.07	125.09	-113.93	1,884.48	5,788.12	367.32	171.80	195.51	1.879	
11,700.00	7,164.42	11,497.56	7,281.98	88.67	127.91	-113.77	1,886.49	5,885.05	368.59	168.74	199.85	1.844	
11,800.00	7,164.27	11,595.25	7,281.46	90.27	130.75	-113.57	1,889.31	5,982.70	370.63	166.37	204.26	1.814	
11,900.00	7,164.13	11,695.92	7,280.99	91.87	133.68	-113.36	1,892.53	6,083.31	372.98	164.21	208.77	1.787	
12,000.00	7,163.98	11,801.12	7,280.09	93.48	136.75	-113.13	1,895.12	6,188.47	374.51	161.11	213.40	1.755	
12,100.00	7,163.84	11,904.40	7,279.39	95.09	139.78	-113.03	1,895.95	6,291.75	374.59	156.78	217.81	1.720	
12,200.00	7,163.69	12,006.45	7,278.56	96.70	142.77	-112.94	1,896.36	6,393.80	374.24	152.04	222.20	1.684	
12,300.00	7,163.55	12,106.72	7,277.73	98.31	145.72	-112.88	1,896.25	6,494.06	373.42	146.88	226.54	1.648	
12,400.00	7,163.40	12,209.64	7,277.04	99.93	148.74	-112.86	1,895.78	6,596.98	372.34	141.51	230.83	1.613	
12,500.00	7,163.25	12,313.27	7,276.34	101.54	151.79	-112.91	1,894.22	6,700.59	370.29	135.27	235.02	1.576	
12,600.00	7,163.11	12,416.67	7,275.62	103.16	154.85	-113.02	1,891.55	6,803.96	367.24	128.14	239.10	1.536	
12,700.00	7,162.96	12,516.62	7,274.93	104.78	157.80	-113.16	1,888.48	6,903.86	363.74	120.60	243.15	1.496 Level 3	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,800.00	7,162.82	12,615.82	7,273.99	106.41	160.72	-113.25	1,885.69	7,003.02	360.39	113.12	247.27	1.457 Level 3	
12,900.00	7,162.67	12,714.54	7,273.00	108.03	163.63	-113.32	1,883.11	7,101.70	357.20	105.77	251.43	1.421 Level 3	
13,000.00	7,162.53	12,810.04	7,271.94	109.65	166.44	-113.32	1,881.51	7,197.18	354.82	99.11	255.71	1.388 Level 3	
13,100.00	7,162.38	12,904.68	7,271.14	111.28	169.23	-113.25	1,881.43	7,291.81	354.01	93.98	260.03	1.361 Level 3	
13,118.55	7,162.35	12,922.68	7,271.03	111.58	169.76	-113.24	1,881.54	7,309.81	354.00	93.16	260.84	1.357 Level 3	
13,200.00	7,162.23	12,997.26	7,270.62	112.91	171.94	-113.16	1,882.50	7,384.38	354.48	90.18	264.31	1.341 Level 3	
13,300.00	7,162.09	13,085.25	7,270.17	114.54	174.50	-112.85	1,887.03	7,472.25	358.57	89.96	268.61	1.335 Level 3	
13,400.00	7,161.94	13,191.16	7,271.42	116.17	177.59	-112.75	1,892.49	7,578.01	363.40	90.12	273.28	1.330 Level 3	
13,500.00	7,161.80	13,296.46	7,272.71	117.80	180.67	-112.84	1,895.04	7,683.26	365.67	88.10	277.58	1.317 Level 3	
13,600.00	7,161.65	13,389.94	7,271.18	119.43	183.40	-112.43	1,899.00	7,776.64	368.57	86.25	282.32	1.305 Level 3	
13,700.00	7,161.51	13,488.78	7,272.75	121.06	186.29	-112.42	1,903.72	7,875.35	373.18	86.63	286.56	1.302 Level 3	
13,800.00	7,161.36	13,596.69	7,274.48	122.70	189.45	-112.51	1,907.25	7,983.19	376.42	85.46	290.96	1.294 Level 3	
13,900.00	7,161.21	13,706.58	7,275.01	124.33	192.68	-112.57	1,908.50	8,093.07	377.26	81.94	295.31	1.277 Level 3	
14,000.00	7,161.07	13,820.16	7,275.54	125.97	196.04	-112.85	1,905.96	8,206.60	374.98	75.97	299.01	1.254 Level 3	
14,100.00	7,160.92	13,923.14	7,275.98	127.61	199.09	-113.28	1,900.67	8,309.45	370.01	67.60	302.41	1.224 Level 2	
14,200.00	7,160.78	14,010.79	7,275.50	129.24	201.68	-113.41	1,898.19	8,397.06	366.79	60.18	306.61	1.196 Level 2	
14,257.31	7,160.69	14,062.24	7,274.97	130.18	203.20	-113.36	1,898.20	8,448.51	366.33	57.20	309.13	1.185 Level 2	
14,300.00	7,160.63	14,101.86	7,274.54	130.88	204.36	-113.29	1,898.79	8,488.12	366.56	55.51	311.05	1.178 Level 2	
14,400.00	7,160.49	14,201.29	7,273.39	132.52	207.28	-113.06	1,900.66	8,587.52	367.44	51.68	315.76	1.164 Level 2	
14,500.00	7,160.34	14,300.93	7,272.99	134.16	210.21	-112.93	1,902.57	8,687.14	368.65	48.38	320.27	1.151 Level 2	
14,600.00	7,160.19	14,405.90	7,272.12	135.80	213.30	-112.78	1,903.91	8,792.10	369.10	44.17	324.93	1.136 Level 2	
14,679.16	7,160.08	14,484.14	7,271.02	137.10	215.61	-112.65	1,904.19	8,870.33	368.62	40.03	328.59	1.122 Level 2	
14,700.00	7,160.05	14,501.98	7,270.75	137.45	216.13	-112.60	1,904.46	8,888.17	368.71	39.18	329.53	1.119 Level 2	
14,800.00	7,159.90	14,595.10	7,269.15	139.09	218.86	-112.21	1,907.95	8,981.20	371.07	36.67	334.41	1.110 Level 2	
14,900.00	7,159.76	14,697.25	7,266.01	140.73	221.85	-111.58	1,912.10	9,083.22	373.29	33.25	340.04	1.098 Level 2	
15,000.00	7,159.61	14,799.17	7,262.61	142.38	224.83	-110.92	1,916.07	9,185.01	375.31	29.60	345.70	1.086 Level 2	
15,100.00	7,159.47	14,900.52	7,259.22	144.02	227.80	-110.31	1,919.24	9,286.25	376.65	25.40	351.25	1.072 Level 2	
15,200.00	7,159.32	15,002.67	7,255.88	145.67	230.80	-109.74	1,922.08	9,388.30	377.73	20.98	356.75	1.059 Level 2	
15,300.00	7,159.17	15,108.61	7,252.39	147.31	233.92	-109.20	1,923.80	9,494.17	377.75	15.55	362.20	1.043 Level 2	
15,400.00	7,159.03	15,213.63	7,249.00	148.96	237.02	-108.76	1,923.78	9,599.13	376.26	8.86	367.40	1.024 Level 2	
15,458.61	7,158.94	15,264.16	7,247.97	149.93	238.51	-108.63	1,923.88	9,649.66	375.72	5.52	370.20	1.015 Level 2	
15,500.00	7,158.88	15,300.91	7,247.81	150.61	239.59	-108.60	1,924.35	9,686.40	375.99	4.00	371.99	1.011 Level 2	
15,600.00	7,158.74	15,405.06	7,248.03	152.26	242.66	-108.63	1,925.49	9,790.54	376.67	0.26	376.41	1.001 Level 2	
15,700.00	7,158.59	15,506.89	7,248.33	153.90	245.67	-108.71	1,925.50	9,892.38	376.35	-4.31	380.66	0.989 Level 1	
15,725.98	7,158.55	15,531.57	7,248.40	154.33	246.40	-108.73	1,925.54	9,917.05	376.30	-5.45	381.75	0.986 Level 1	
15,800.00	7,158.44	15,600.28	7,248.57	155.55	248.42	-108.76	1,926.19	9,985.76	376.71	-8.14	384.86	0.979 Level 1	
15,900.00	7,158.30	15,694.15	7,248.95	157.20	251.18	-108.70	1,929.25	10,079.58	379.48	-9.65	389.13	0.975 Level 1	
16,000.00	7,158.15	15,806.96	7,249.54	158.85	254.50	-108.75	1,930.97	10,192.37	380.65	-13.10	393.75	0.967 Level 1	
16,100.00	7,158.01	15,920.88	7,250.05	160.50	257.88	-108.98	1,928.94	10,306.26	378.72	-18.85	397.57	0.953 Level 1	
16,200.00	7,157.86	16,035.86	7,250.53	162.15	261.29	-109.46	1,921.87	10,421.01	372.62	-27.60	400.22	0.931 Level 1	
16,300.00	7,157.72	16,136.02	7,250.88	163.80	264.26	-110.00	1,913.46	10,520.82	364.41	-38.99	403.40	0.903 Level 1	
16,400.00	7,157.57	16,229.02	7,251.25	165.46	267.02	-110.48	1,906.59	10,613.56	357.20	-49.96	407.16	0.877 Level 1	
16,500.00	7,157.42	16,324.33	7,251.67	167.11	269.85	-110.90	1,901.12	10,708.71	351.58	-59.21	410.78	0.856 Level 1	
16,600.00	7,157.28	16,415.89	7,251.99	168.76	272.56	-111.20	1,897.68	10,800.20	347.79	-66.91	414.69	0.839 Level 1	
16,684.97	7,157.16	16,491.87	7,252.30	170.16	274.81	-111.34	1,896.84	10,876.18	346.68	-71.39	418.07	0.829 Level 1, CC	
16,700.00	7,157.13	16,505.30	7,252.36	170.41	275.21	-111.35	1,896.90	10,889.61	346.72	-71.95	418.67	0.828 Level 1	
16,800.00	7,156.99	16,600.95	7,252.81	172.07	278.02	-111.38	1,898.33	10,985.24	347.87	-74.94	422.81	0.823 Level 1	
16,900.00	7,156.84	16,696.02	7,253.15	173.72	280.82	-111.32	1,901.07	11,080.28	350.27	-76.81	427.09	0.820 Level 1	
17,000.00	7,156.70	16,796.14	7,253.44	175.37	283.76	-111.20	1,904.79	11,180.32	353.43	-78.30	431.73	0.819 Level 1	
17,100.00	7,156.55	16,902.50	7,252.56	177.03	286.88	-110.94	1,907.84	11,286.63	355.39	-81.55	436.94	0.813 Level 1	
17,200.00	7,156.40	17,000.17	7,252.46	178.68	289.76	-110.85	1,909.99	11,384.28	357.00	-84.43	441.43	0.809 Level 1	
17,300.00	7,156.26	17,098.15	7,253.00	180.34	292.64	-110.84	1,912.53	11,482.22	359.20	-86.53	445.73	0.806 Level 1	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,400.00	7,156.11	17,195.91	7,253.57	181.99	295.52	-110.79	1,915.64	11,579.93	361.97	-88.11	450.08	0.804	Level 1
17,500.00	7,155.97	17,295.37	7,255.40	183.65	298.44	-110.93	1,918.94	11,679.32	365.32	-88.74	454.06	0.805	Level 1
17,600.00	7,155.82	17,401.05	7,259.34	185.30	301.55	-111.45	1,920.83	11,784.90	367.94	-89.35	457.29	0.805	Level 1
17,700.00	7,155.68	17,504.53	7,263.81	186.96	304.61	-112.16	1,920.56	11,888.29	368.88	-90.91	459.79	0.802	Level 1
17,800.00	7,155.53	17,615.33	7,268.88	188.62	307.88	-113.05	1,918.69	11,998.95	368.74	-92.90	461.64	0.799	Level 1
17,900.00	7,155.38	17,726.62	7,269.77	190.27	311.19	-113.51	1,914.23	12,110.14	364.96	-99.27	464.23	0.786	Level 1
18,000.00	7,155.24	17,809.08	7,268.95	191.93	313.63	-113.56	1,912.38	12,192.56	362.12	-106.68	468.80	0.772	Level 1
18,007.88	7,155.23	17,815.55	7,268.90	192.06	313.82	-113.55	1,912.42	12,199.04	362.10	-107.04	469.14	0.772	Level 1
18,100.00	7,155.09	17,904.44	7,268.19	193.59	316.44	-113.41	1,913.70	12,287.91	362.66	-110.78	473.44	0.766	Level 1
18,200.00	7,154.95	18,000.22	7,267.52	195.24	319.26	-113.23	1,915.90	12,383.67	364.10	-114.04	478.14	0.761	Level 1
18,263.53	7,154.85	18,061.80	7,267.10	196.30	321.09	-113.07	1,917.99	12,443.60	365.71	-115.54	481.24	0.760	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
3,300.00	3,172.04	3,452.47	3,394.52	11.10	11.06	-10.07	2,573.79	2,060.92	2,491.91	2,471.86	20.05	124.266	
3,400.00	3,266.74	3,546.89	3,486.97	11.42	11.32	-9.78	2,556.28	2,068.68	2,450.71	2,430.17	20.54	119.306	
3,500.00	3,361.43	3,644.38	3,582.42	11.75	11.59	-9.47	2,537.98	2,076.38	2,409.20	2,388.16	21.05	114.463	
3,600.00	3,456.12	3,717.11	3,653.62	12.09	11.78	-9.23	2,524.44	2,082.38	2,368.06	2,346.55	21.51	110.083	
3,700.00	3,550.81	3,770.95	3,706.34	12.44	11.92	-9.04	2,514.73	2,087.41	2,328.00	2,306.05	21.95	106.081	
3,800.00	3,645.51	3,816.00	3,750.45	12.79	12.03	-8.87	2,506.97	2,092.26	2,289.52	2,267.15	22.37	102.337	
3,900.00	3,740.20	3,882.87	3,815.93	13.15	12.20	-8.60	2,496.07	2,100.38	2,252.48	2,229.63	22.85	98.571	
4,000.00	3,834.89	3,950.73	3,882.36	13.52	12.37	-8.31	2,485.67	2,109.49	2,216.84	2,193.49	23.34	94.966	
4,100.00	3,929.59	4,030.52	3,960.47	13.89	12.58	-7.96	2,473.83	2,120.69	2,182.02	2,158.15	23.87	91.409	
4,200.00	4,024.28	4,121.57	4,049.63	14.26	12.84	-7.56	2,460.61	2,133.59	2,147.63	2,123.19	24.44	87.884	
4,300.00	4,118.97	4,217.35	4,143.42	14.65	13.12	-7.12	2,446.59	2,146.99	2,113.14	2,088.11	25.03	84.420	
4,400.00	4,213.67	4,305.91	4,230.17	15.03	13.38	-6.70	2,433.88	2,159.45	2,079.02	2,053.40	25.62	81.158	
4,500.00	4,308.36	4,418.41	4,340.36	15.42	13.72	-6.15	2,417.16	2,174.80	2,044.37	2,018.10	26.26	77.842	
4,600.00	4,403.05	4,515.29	4,435.23	15.81	14.03	-5.66	2,402.39	2,187.80	2,009.46	1,982.58	26.89	74.730	
4,700.00	4,497.74	4,629.60	4,547.17	16.21	14.40	-5.06	2,384.62	2,202.61	1,974.23	1,946.66	27.56	71.625	
4,800.00	4,592.44	4,760.47	4,675.31	16.61	14.84	-4.36	2,362.86	2,217.79	1,937.52	1,909.24	28.27	68.525	
4,900.00	4,687.13	4,868.26	4,780.88	17.01	15.20	-3.77	2,344.10	2,228.88	1,899.61	1,870.67	28.94	65.644	
5,000.00	4,781.82	4,965.78	4,876.39	17.42	15.53	-3.22	2,326.80	2,238.28	1,861.21	1,831.63	29.58	62.920	
5,100.00	4,876.52	5,055.34	4,964.12	17.83	15.81	-2.69	2,310.96	2,246.85	1,822.94	1,792.74	30.20	60.364	
5,200.00	4,971.21	5,162.87	5,069.52	18.24	16.15	-2.05	2,292.02	2,256.55	1,784.56	1,753.72	30.85	57.854	
5,300.00	5,065.90	5,269.10	5,173.58	18.65	16.50	-1.39	2,272.41	2,265.06	1,745.06	1,713.57	31.50	55.401	
5,400.00	5,160.60	5,352.90	5,255.66	19.07	16.76	-0.84	2,256.88	2,271.74	1,705.70	1,673.59	32.11	53.115	
5,500.00	5,255.29	5,430.93	5,332.07	19.48	16.99	-0.30	2,242.54	2,278.50	1,667.04	1,634.32	32.72	50.949	
5,600.00	5,349.98	5,504.79	5,404.38	19.90	17.21	0.24	2,229.27	2,285.54	1,629.38	1,596.05	33.33	48.885	
5,700.00	5,444.67	5,572.51	5,470.70	20.32	17.41	0.76	2,217.61	2,292.71	1,593.09	1,559.14	33.95	46.931	
5,800.00	5,539.37	5,641.01	5,537.80	20.74	17.63	1.30	2,206.43	2,300.76	1,558.37	1,523.81	34.57	45.083	
5,900.00	5,634.06	5,718.19	5,613.40	21.17	17.87	1.94	2,194.49	2,310.72	1,525.17	1,489.97	35.20	43.323	
6,000.00	5,728.75	5,812.16	5,705.46	21.59	18.17	2.75	2,180.21	2,323.04	1,492.57	1,456.69	35.88	41.602	
6,100.00	5,823.45	5,906.79	5,796.30	22.02	18.48	3.61	2,165.97	2,335.76	1,459.95	1,419.37	36.57	39.989	
6,200.00	5,918.14	6,001.48	5,889.02	22.45	18.79	4.52	2,151.78	2,348.48	1,423.23	1,382.23	37.27	38.423	
6,300.00	6,012.83	6,096.17	5,983.71	22.88	19.10	5.47	2,137.64	2,361.20	1,386.97	1,345.07	37.97	36.907	
6,400.00	6,107.53	6,190.86	6,078.40	23.31	19.41	6.45	2,123.55	2,373.92	1,351.70	1,308.90	38.67	35.439	
6,500.00	6,202.22	6,285.55	6,172.99	23.74	19.72	7.46	2,109.51	2,386.64	1,317.43	1,276.79	39.37	34.019	
6,600.00	6,296.91	6,380.24	6,267.68	24.17	20.03	8.49	2,095.52	2,399.36	1,283.16	1,244.68	40.07	32.647	
6,700.00	6,391.60	6,474.93	6,362.37	24.60	20.34	9.54	2,081.58	2,412.08	1,248.89	1,212.60	40.77	31.323	
6,800.00	6,486.30	6,569.62	6,457.06	25.04	20.65	10.61	2,067.69	2,424.80	1,214.60	1,180.51	41.47	30.047	
6,900.00	6,580.99	6,664.31	6,551.75	25.47	20.96	11.70	2,053.85	2,437.52	1,180.31	1,148.31	42.17	28.819	
7,000.00	6,675.68	6,759.00	6,646.44	25.91	21.27	12.80	2,040.06	2,450.24	1,150.11	1,116.11	42.87	27.639	
7,100.00	6,769.01	6,853.69	6,740.77	26.37	21.58	13.91	2,026.32	2,462.96	1,120.00	1,083.90	43.57	26.509	
7,200.00	6,857.00	6,947.38	6,828.06	26.93	21.89	15.03	2,012.63	2,475.68	1,089.89	1,051.69	44.27	25.429	
7,300.00	6,937.46	7,041.07	6,917.51	27.60	22.20	16.16	2,000.00	2,488.40	1,060.00	1,019.50	44.97	24.399	
7,400.00	7,008.38	7,134.99	7,000.42	28.37	22.51	17.30	1,987.42	2,501.12	1,030.00	987.50	45.67	23.419	
7,500.00	7,068.02	7,229.70	7,060.68	29.23	22.82	18.45	1,975.00	2,513.84	1,000.00	955.50	46.37	22.479	
7,600.00	7,114.92	7,324.41	7,106.58	30.17	23.13	19.61	1,963.13	2,526.56	970.00	923.50	47.07	21.579	
7,615.73	7,121.06	7,330.15	7,112.72	30.32	23.18	19.76	1,961.00	2,528.00	967.50	920.50	47.17	21.519	
7,700.00	7,147.92	7,351.07	7,138.15	31.17	23.44	20.81	1,950.00	2,538.40	940.00	895.50	47.87	20.679	
7,800.00	7,166.21	7,369.36	7,156.44	32.22	23.69	21.86	1,940.00	2,548.80	910.00	863.50	48.57	19.879	
7,900.00	7,169.96	7,372.25	7,159.33	33.29	23.74	22.00	1,938.40	2,550.40	890.00	843.50	48.87	19.679	
8,000.00	7,169.81	7,372.22	7,159.33	34.40	23.79	22.14	1,936.80	2,552.00	870.00	823.50	49.17	19.479	
8,100.00	7,169.67	7,372.19	7,159.20	35.55	23.84	22.28	1,935.20	2,553.60	850.00	803.50	49.47	19.279	
8,200.00	7,169.52	7,372.16	7,159.07	36.73	23.89	22.42	1,933.60	2,555.20	830.00	783.50	49.77	19.079	
8,300.00	7,169.38	7,372.13	7,158.94	37.96	23.94	22.56	1,932.00	2,556.80	810.00	763.50	50.07	18.879	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,400.00	7,169.23	7,058.66	6,881.39	39.21	21.71	-57.79	1,939.72	2,233.56	600.38	547.90	52.48	11.439	
8,500.00	7,169.08	7,026.30	6,858.70	40.50	21.70	-55.99	1,946.29	2,255.69	662.96	610.30	52.67	12.587	
8,600.00	7,168.94	6,993.00	6,834.10	41.81	21.68	-54.20	1,953.65	2,276.87	731.17	678.43	52.75	13.862	
8,700.00	7,168.79	6,993.00	6,834.10	43.15	21.68	-54.20	1,953.65	2,276.87	804.54	751.49	53.05	15.165	
8,800.00	7,168.65	6,952.00	6,802.14	44.51	21.63	-52.09	1,963.53	2,300.56	880.56	827.60	52.96	16.626	
8,900.00	7,168.50	6,933.04	6,786.79	45.89	21.61	-51.15	1,968.39	2,310.56	960.34	907.34	53.00	18.118	
9,000.00	7,168.36	6,897.00	6,756.71	47.29	21.56	-49.46	1,978.11	2,327.87	1,043.28	990.35	52.92	19.713	
9,100.00	7,168.21	6,897.00	6,756.71	48.70	21.56	-49.46	1,978.11	2,327.87	1,127.32	1,074.30	53.02	21.262	
9,200.00	7,168.06	6,897.00	6,756.71	50.13	21.56	-49.46	1,978.11	2,327.87	1,213.78	1,160.70	53.08	22.868	
9,300.00	7,167.92	6,897.00	6,756.71	51.58	21.56	-49.46	1,978.11	2,327.87	1,302.18	1,249.08	53.11	24.519	
9,400.00	7,167.77	6,861.79	6,726.27	53.04	21.49	-47.89	1,987.89	2,342.60	1,390.62	1,337.60	53.02	26.229	
9,500.00	7,167.63	6,851.01	6,716.76	54.51	21.46	-47.43	1,990.87	2,346.68	1,480.83	1,427.82	53.01	27.936	
9,600.00	7,167.48	6,841.22	6,708.03	55.99	21.44	-47.01	1,993.57	2,350.22	1,571.98	1,518.98	53.00	29.662	
9,700.00	7,167.34	6,803.00	6,673.36	57.48	21.36	-45.43	2,004.05	2,362.40	1,664.97	1,612.07	52.91	31.470	
9,800.00	7,167.19	6,803.00	6,673.36	58.98	21.36	-45.43	2,004.05	2,362.40	1,757.16	1,704.23	52.93	33.200	
9,900.00	7,167.04	6,803.00	6,673.36	60.49	21.36	-45.43	2,004.05	2,362.40	1,850.15	1,797.21	52.94	34.946	
10,000.00	7,166.90	6,803.00	6,673.36	62.01	21.36	-45.43	2,004.05	2,362.40	1,943.84	1,890.89	52.96	36.706	
10,100.00	7,166.75	6,803.00	6,673.36	63.54	21.36	-45.43	2,004.05	2,362.40	2,038.13	1,985.16	52.97	38.476	
10,200.00	7,166.61	6,803.00	6,673.36	65.07	21.36	-45.43	2,004.05	2,362.40	2,132.94	2,079.96	52.99	40.255	
10,300.00	7,166.46	6,803.00	6,673.36	66.61	21.36	-45.43	2,004.05	2,362.40	2,228.21	2,175.21	53.00	42.041	
10,400.00	7,166.32	6,803.00	6,673.36	68.16	21.36	-45.43	2,004.05	2,362.40	2,323.87	2,270.85	53.02	43.832	
10,500.00	7,166.17	6,803.00	6,673.36	69.71	21.36	-45.43	2,004.05	2,362.40	2,419.88	2,366.85	53.04	45.627	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)													Offset Site Error: 0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	66.08	584.01	1,316.57	1,440.42					
100.00	100.00	87.89	87.89	3.28	3.28	66.09	583.60	1,316.48	1,440.06	1,432.71	7.36	195.777		
200.00	200.00	184.20	184.20	3.31	3.29	66.10	583.12	1,316.20	1,439.59	1,432.20	7.39	194.817		
300.00	300.00	277.46	277.46	3.35	3.32	20.49	583.47	1,315.98	1,439.33	1,431.87	7.46	193.004		
400.00	399.95	382.53	382.53	3.42	3.36	20.54	583.94	1,315.88	1,436.65	1,429.08	7.56	189.940		
500.00	499.74	478.32	478.31	3.51	3.41	20.64	584.53	1,315.50	1,430.49	1,422.79	7.70	185.721		
600.00	599.24	588.68	588.67	3.62	3.48	20.84	585.04	1,315.09	1,421.06	1,413.17	7.89	180.181		
700.00	698.33	677.48	677.47	3.76	3.55	21.08	585.49	1,314.50	1,408.14	1,400.06	8.09	174.104		
800.00	796.90	774.72	774.70	3.93	3.63	21.40	586.33	1,314.36	1,392.63	1,384.30	8.33	167.195		
900.00	894.81	881.75	881.73	4.14	3.74	21.84	587.25	1,313.83	1,373.61	1,364.99	8.62	159.422		
1,000.00	991.96	976.68	976.65	4.40	3.84	22.32	588.23	1,312.89	1,351.08	1,342.16	8.92	151.418		
1,100.00	1,088.23	1,074.23	1,074.18	4.71	3.96	22.91	589.58	1,311.98	1,325.63	1,316.37	9.27	143.052		
1,200.00	1,183.49	1,162.23	1,162.16	5.07	4.07	23.54	591.08	1,311.09	1,297.22	1,287.59	9.63	134.681		
1,300.00	1,278.18	1,262.85	1,262.77	5.48	4.20	24.07	592.96	1,310.50	1,267.72	1,257.68	10.04	126.289		
1,400.00	1,372.87	1,355.00	1,354.90	5.91	4.33	24.57	594.43	1,309.38	1,237.64	1,227.19	10.45	118.427		
1,500.00	1,467.57	1,448.37	1,448.24	6.37	4.46	25.09	596.35	1,308.80	1,208.34	1,197.45	10.89	110.978		
1,600.00	1,562.26	1,552.30	1,552.15	6.85	4.62	25.70	598.15	1,307.58	1,178.53	1,167.17	11.36	103.742		
1,700.00	1,656.95	1,656.84	1,656.67	7.34	4.78	26.39	599.10	1,305.90	1,148.20	1,136.35	11.85	96.880		
1,800.00	1,751.65	1,755.65	1,755.46	7.85	4.94	27.11	599.17	1,303.72	1,117.19	1,104.84	12.35	90.432		
1,900.00	1,846.34	1,847.80	1,847.58	8.13	5.09	27.80	599.64	1,301.55	1,086.36	1,073.83	12.53	86.726		
2,000.00	1,941.03	1,940.15	1,939.90	8.21	5.24	28.47	600.99	1,299.33	1,055.90	1,043.16	12.73	82.916		
2,100.00	2,035.73	2,031.60	2,031.30	8.32	5.40	29.16	602.73	1,297.15	1,025.72	1,012.76	12.97	79.101		
2,200.00	2,130.42	2,119.60	2,119.26	8.45	5.55	29.84	604.76	1,295.47	996.23	983.01	13.22	75.353		
2,300.00	2,225.11	2,208.55	2,208.18	8.60	5.71	30.56	607.14	1,294.23	967.48	953.98	13.50	71.665		
2,400.00	2,319.81	2,295.51	2,295.10	8.78	5.87	31.31	609.54	1,293.68	939.62	925.82	13.80	68.086		
2,500.00	2,414.50	2,387.64	2,387.20	8.97	6.03	32.15	612.16	1,293.66	912.53	898.39	14.13	64.573		
2,600.00	2,509.19	2,493.87	2,493.37	9.19	6.23	33.16	615.34	1,293.20	885.30	870.80	14.51	61.029		
2,700.00	2,603.88	2,579.81	2,579.27	9.42	6.39	34.02	617.94	1,292.59	858.06	843.18	14.87	57.685		
2,800.00	2,698.58	2,677.01	2,676.42	9.66	6.57	35.05	621.17	1,292.51	831.68	816.40	15.28	54.428		
2,900.00	2,793.27	2,774.11	2,773.45	9.93	6.75	36.12	624.62	1,291.95	805.14	789.43	15.71	51.263		
3,000.00	2,887.96	2,873.69	2,872.96	10.20	6.94	37.28	628.28	1,291.09	778.60	762.45	16.15	48.199		
3,100.00	2,982.66	2,973.26	2,972.45	10.49	7.13	38.51	631.94	1,289.57	751.76	735.13	16.62	45.229		
3,200.00	3,077.35	3,072.81	3,071.90	10.79	7.33	39.81	635.86	1,287.44	724.68	707.57	17.11	42.364		
3,300.00	3,172.04	3,168.48	3,167.46	11.10	7.51	41.13	639.86	1,284.95	697.52	679.92	17.61	39.620		
3,400.00	3,266.74	3,261.10	3,259.95	11.42	7.70	42.49	644.01	1,282.65	670.89	652.77	18.12	37.023		
3,500.00	3,361.43	3,360.19	3,358.91	11.75	7.89	44.04	648.64	1,280.31	644.78	626.13	18.66	34.558		
3,600.00	3,456.12	3,456.28	3,454.86	12.09	8.08	45.73	652.55	1,277.23	618.32	599.11	19.21	32.179		
3,700.00	3,550.81	3,548.01	3,546.50	12.44	8.27	47.50	655.93	1,274.65	592.78	572.99	19.79	29.949		
3,800.00	3,645.51	3,640.11	3,638.52	12.79	8.45	49.46	658.99	1,272.49	568.35	547.96	20.39	27.869		
3,900.00	3,740.20	3,735.30	3,733.64	13.15	8.64	51.64	662.31	1,270.63	545.03	524.02	21.02	25.935		
4,000.00	3,834.89	3,832.93	3,831.19	13.52	8.84	54.12	665.22	1,268.08	522.00	500.34	21.66	24.098		
4,100.00	3,929.59	3,927.65	3,925.84	13.89	9.03	56.78	667.74	1,265.52	499.95	477.61	22.33	22.388		
4,200.00	4,024.28	4,025.19	4,023.30	14.26	9.23	59.82	669.77	1,262.31	478.66	455.63	23.03	20.788		
4,300.00	4,118.97	4,121.46	4,119.49	14.65	9.42	63.19	671.12	1,258.47	458.34	434.60	23.74	19.303		
4,400.00	4,213.67	4,217.85	4,215.77	15.03	9.62	66.80	672.95	1,254.20	439.17	414.69	24.48	17.941		
4,500.00	4,308.36	4,311.15	4,308.95	15.42	9.81	70.52	675.11	1,250.08	421.76	396.54	25.22	16.721		
4,600.00	4,403.05	4,404.54	4,402.24	15.81	10.00	74.49	677.37	1,246.20	406.60	380.63	25.97	15.656		
4,700.00	4,497.74	4,498.96	4,496.55	16.21	10.20	78.67	680.22	1,242.70	393.79	367.08	26.71	14.744		
4,800.00	4,592.44	4,590.23	4,587.73	16.61	10.39	82.81	683.43	1,240.07	383.72	356.29	27.43	13.991		
4,900.00	4,687.13	4,684.28	4,681.69	17.01	10.58	87.19	686.67	1,238.00	376.65	348.53	28.12	13.396		
5,000.00	4,781.82	4,777.94	4,775.28	17.42	10.78	91.68	689.76	1,236.10	372.35	343.58	28.77	12.942		
5,100.00	4,876.52	4,872.98	4,870.26	17.83	10.97	96.26	692.90	1,234.48	370.87	341.49	29.38	12.623		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,108.50	4,884.56	4,881.10	4,878.37	17.86	10.99	96.65	693.18	1,234.34	370.86	341.43	29.43	12.601	CC, ES
5,200.00	4,971.21	4,968.24	4,965.45	18.24	11.17	100.84	696.19	1,232.88	371.93	341.98	29.95	12.420	
5,300.00	5,065.90	5,061.93	5,059.07	18.65	11.37	105.31	699.33	1,231.30	375.66	345.21	30.46	12.334	SF
5,400.00	5,160.60	5,157.65	5,154.73	19.07	11.57	109.78	702.21	1,229.67	382.22	351.29	30.93	12.358	
5,500.00	5,255.29	5,251.79	5,248.81	19.48	11.77	114.07	705.24	1,227.63	390.87	359.52	31.35	12.466	
5,600.00	5,349.98	5,342.83	5,339.79	19.90	11.96	118.13	707.28	1,225.18	402.59	370.86	31.73	12.689	
5,700.00	5,444.67	5,435.91	5,432.81	20.32	12.15	122.15	708.49	1,222.16	417.32	385.24	32.08	13.010	
5,800.00	5,539.37	5,532.34	5,529.17	20.74	12.35	126.06	710.08	1,218.80	433.79	401.37	32.43	13.378	
5,900.00	5,634.06	5,627.22	5,623.95	21.17	12.55	129.70	711.79	1,214.89	451.99	419.23	32.76	13.798	
6,000.00	5,728.75	5,722.92	5,719.53	21.59	12.75	133.12	713.87	1,210.68	471.58	438.49	33.09	14.251	
6,100.00	5,823.45	5,815.53	5,812.02	22.02	12.95	136.23	715.88	1,206.25	492.76	459.35	33.41	14.748	
6,200.00	5,918.14	5,906.80	5,903.17	22.45	13.14	139.05	717.46	1,201.85	515.76	482.02	33.74	15.288	
6,300.00	6,012.83	6,000.06	5,996.32	22.88	13.33	141.68	718.80	1,197.43	540.25	506.17	34.09	15.850	
6,400.00	6,107.53	6,091.06	6,087.19	23.31	13.53	144.06	719.85	1,192.96	566.09	531.66	34.43	16.440	
6,500.00	6,202.22	6,188.73	6,184.72	23.74	13.73	146.41	721.07	1,187.93	592.83	557.99	34.84	17.017	
6,600.00	6,296.91	6,280.99	6,276.84	24.17	13.93	148.48	722.61	1,182.94	620.09	584.86	35.22	17.606	
6,700.00	6,391.60	6,376.76	6,372.44	24.60	14.13	150.48	724.22	1,177.45	648.17	612.53	35.64	18.187	
6,800.00	6,486.30	6,466.38	6,461.91	25.04	14.32	152.20	725.78	1,172.36	676.85	640.82	36.03	18.785	
6,900.00	6,580.99	6,556.45	6,551.83	25.47	14.51	153.77	726.57	1,167.39	706.82	670.37	36.44	19.395	
7,000.00	6,675.68	6,654.82	6,650.03	25.91	14.72	155.36	727.49	1,161.72	737.32	700.40	36.92	19.971	
7,100.00	6,769.01	6,756.63	6,751.65	26.37	14.93	143.14	729.77	1,155.92	768.85	731.43	37.43	20.541	
7,200.00	6,857.00	6,851.01	6,845.84	26.93	15.13	134.28	732.94	1,150.82	805.28	767.35	37.93	21.232	
7,300.00	6,937.46	6,935.04	6,929.69	27.60	15.31	128.70	736.46	1,146.57	847.63	809.22	38.41	22.070	
7,400.00	7,008.38	7,008.16	7,002.67	28.37	15.47	124.24	739.60	1,143.50	896.81	857.94	38.87	23.075	
7,500.00	7,068.02	7,075.31	7,069.71	29.23	15.61	120.03	742.74	1,141.28	952.83	913.50	39.32	24.230	
7,600.00	7,114.92	7,125.69	7,120.01	30.17	15.72	114.76	745.33	1,140.00	1,015.45	975.75	39.70	25.581	
7,700.00	7,147.92	7,159.50	7,153.77	31.17	15.79	107.82	747.04	1,139.35	1,084.12	1,044.17	39.96	27.131	
7,800.00	7,166.21	7,177.97	7,172.22	32.22	15.83	99.05	747.94	1,139.07	1,157.49	1,117.38	40.10	28.862	
7,900.00	7,169.96	7,180.65	7,174.90	33.29	15.84	91.73	748.07	1,139.03	1,233.81	1,193.69	40.12	30.755	
8,000.00	7,169.81	7,178.97	7,173.21	34.40	15.83	91.61	747.99	1,139.05	1,312.93	1,272.83	40.10	32.740	
8,100.00	7,169.67	7,177.22	7,171.47	35.55	15.83	91.48	747.91	1,139.08	1,394.74	1,354.65	40.09	34.791	
8,200.00	7,169.52	7,175.41	7,169.66	36.73	15.82	91.35	747.82	1,139.10	1,478.79	1,438.71	40.08	36.895	
8,300.00	7,169.38	7,173.54	7,167.80	37.96	15.82	91.21	747.73	1,139.13	1,564.71	1,524.63	40.08	39.043	
8,400.00	7,169.23	7,171.61	7,165.87	39.21	15.82	91.07	747.63	1,139.16	1,652.21	1,612.14	40.08	41.227	
8,500.00	7,169.08	7,169.60	7,163.86	40.50	15.81	90.92	747.54	1,139.19	1,741.06	1,700.98	40.08	43.441	
8,600.00	7,168.94	7,167.53	7,161.79	41.81	15.81	90.77	747.43	1,139.22	1,831.06	1,790.98	40.09	45.679	
8,700.00	7,168.79	7,165.37	7,159.63	43.15	15.80	90.61	747.33	1,139.25	1,922.05	1,881.95	40.10	47.937	
8,800.00	7,168.65	7,163.13	7,157.40	44.51	15.80	90.44	747.22	1,139.29	2,013.88	1,973.78	40.11	50.211	
8,900.00	7,168.50	7,160.81	7,155.08	45.89	15.79	90.27	747.10	1,139.33	2,106.46	2,066.34	40.12	52.499	
9,000.00	7,168.36	7,158.39	7,152.66	47.29	15.79	90.10	746.98	1,139.37	2,199.69	2,159.55	40.14	54.798	
9,100.00	7,168.21	7,155.87	7,150.15	48.70	15.78	89.91	746.86	1,139.41	2,293.49	2,253.32	40.16	57.105	
9,200.00	7,168.06	7,153.25	7,147.53	50.13	15.78	89.72	746.73	1,139.46	2,387.78	2,347.60	40.19	59.420	
9,300.00	7,167.92	7,150.52	7,144.81	51.58	15.77	89.52	746.59	1,139.51	2,482.53	2,442.32	40.21	61.739	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,500.00	2,414.50	3,452.13	3,301.91	8.97	13.09	-44.33	2,625.62	736.92	2,445.71	2,427.20	18.51	132.154		
2,600.00	2,509.19	3,535.99	3,379.03	9.19	13.49	-44.88	2,592.80	734.30	2,385.09	2,366.14	18.95	125.855		
2,700.00	2,603.88	3,612.25	3,449.14	9.42	13.87	-45.41	2,562.90	731.88	2,324.55	2,305.15	19.40	119.828		
2,800.00	2,698.58	3,681.46	3,512.84	9.66	14.20	-45.91	2,535.90	729.75	2,264.33	2,244.48	19.85	114.063		
2,900.00	2,793.27	3,832.10	3,650.61	9.93	14.95	-47.12	2,475.31	723.76	2,203.18	2,182.74	20.45	107.761		
3,000.00	2,887.96	3,924.25	3,734.08	10.20	15.43	-47.94	2,436.51	719.46	2,140.57	2,119.61	20.96	102.127		
3,100.00	2,982.66	4,005.59	3,807.60	10.49	15.85	-48.70	2,401.89	715.90	2,077.81	2,056.33	21.47	96.763		
3,200.00	3,077.35	4,075.93	3,871.17	10.79	16.21	-49.39	2,371.91	713.07	2,015.24	1,993.26	21.99	91.654		
3,300.00	3,172.04	4,140.71	3,929.79	11.10	16.55	-50.05	2,344.47	710.66	1,953.14	1,930.63	22.51	86.763		
3,400.00	3,266.74	4,203.03	3,986.38	11.42	16.87	-50.71	2,318.44	708.48	1,891.79	1,868.74	23.05	82.077		
3,500.00	3,361.43	4,271.24	4,048.47	11.75	17.22	-51.47	2,290.29	706.34	1,831.14	1,807.53	23.61	77.566		
3,600.00	3,456.12	4,346.09	4,116.71	12.09	17.60	-52.33	2,259.61	704.32	1,771.03	1,746.84	24.19	73.226		
3,700.00	3,550.81	4,419.31	4,183.45	12.44	17.98	-53.22	2,229.55	702.43	1,711.19	1,686.41	24.78	69.060		
3,800.00	3,645.51	4,480.27	4,239.19	12.79	18.29	-54.01	2,204.91	700.73	1,652.22	1,626.83	25.38	65.090		
3,900.00	3,740.20	4,540.22	4,294.23	13.15	18.59	-54.84	2,181.23	698.82	1,594.40	1,568.39	26.01	61.302		
4,000.00	3,834.89	4,600.00	4,349.36	13.52	18.89	-55.73	2,158.23	696.47	1,537.91	1,511.26	26.66	57.692		
4,100.00	3,929.59	4,653.67	4,399.11	13.89	19.15	-56.58	2,138.27	693.96	1,483.03	1,455.70	27.33	54.269		
4,200.00	4,024.28	4,709.63	4,451.30	14.26	19.42	-57.52	2,118.32	690.96	1,430.05	1,402.03	28.02	51.031		
4,300.00	4,118.97	4,774.06	4,511.69	14.65	19.73	-58.65	2,096.12	687.46	1,378.79	1,350.05	28.75	47.962		
4,400.00	4,213.67	4,837.85	4,571.74	15.03	20.02	-59.82	2,074.84	684.20	1,329.20	1,299.70	29.50	45.064		
4,500.00	4,308.36	4,902.03	4,632.46	15.42	20.32	-61.04	2,054.26	681.22	1,281.48	1,251.21	30.27	42.337		
4,600.00	4,403.05	4,976.68	4,703.33	15.81	20.65	-62.51	2,031.04	678.13	1,235.41	1,204.34	31.07	39.760		
4,700.00	4,497.74	5,046.34	4,769.66	16.21	20.96	-63.94	2,009.90	675.51	1,190.92	1,159.02	31.90	37.334		
4,800.00	4,592.44	5,115.22	4,835.51	16.61	21.26	-65.42	1,989.86	672.97	1,148.51	1,115.75	32.76	35.063		
4,900.00	4,687.13	5,188.05	4,905.37	17.01	21.57	-67.05	1,969.44	670.36	1,108.14	1,074.50	33.64	32.939		
5,000.00	4,781.82	5,254.05	4,968.93	17.42	21.85	-68.58	1,951.80	668.14	1,070.10	1,035.55	34.55	30.973		
5,100.00	4,876.52	5,320.34	5,033.12	17.83	22.12	-70.15	1,935.41	666.23	1,034.96	999.48	35.48	29.173		
5,200.00	4,971.21	5,388.54	5,099.50	18.24	22.38	-71.81	1,919.84	664.39	1,002.79	966.36	36.42	27.532		
5,300.00	5,065.90	5,458.91	5,168.28	18.65	22.65	-73.56	1,905.08	662.52	973.66	936.27	37.38	26.044		
5,400.00	5,160.60	5,530.50	5,238.51	19.07	22.91	-75.39	1,891.34	660.58	947.62	909.26	38.36	24.703		
5,500.00	5,255.29	5,603.08	5,309.95	19.48	23.17	-77.27	1,878.72	658.51	924.78	885.44	39.34	23.506		
5,600.00	5,349.98	5,677.93	5,383.86	19.90	23.42	-79.25	1,867.08	656.34	905.18	864.86	40.33	22.447		
5,700.00	5,444.67	5,754.78	5,459.94	20.32	23.68	-81.28	1,856.49	654.13	888.76	847.46	41.30	21.517		
5,800.00	5,539.37	5,832.09	5,536.66	20.74	23.92	-83.34	1,847.13	651.87	875.47	833.20	42.27	20.712		
5,900.00	5,634.06	5,910.79	5,614.91	21.17	24.17	-85.43	1,839.13	649.55	865.45	822.23	43.22	20.027		
6,000.00	5,728.75	6,001.72	5,705.45	21.59	24.44	-87.80	1,831.02	647.32	857.85	813.67	44.18	19.415		
6,100.00	5,823.45	6,087.88	5,791.29	22.02	24.69	-90.06	1,823.90	645.36	852.37	807.27	45.11	18.896		
6,200.00	5,918.14	6,172.76	5,875.87	22.45	24.94	-92.31	1,817.20	642.86	849.36	803.36	46.00	18.463		
6,258.81	5,973.83	6,221.04	5,923.97	22.70	25.08	-93.60	1,813.47	641.05	848.84	802.33	46.51	18.251 CC		
6,300.00	6,012.83	6,253.74	5,956.55	22.88	25.17	-94.48	1,811.13	639.68	849.11	802.26	46.85	18.125 ES		
6,400.00	6,107.53	6,336.18	6,038.74	23.31	25.40	-96.67	1,805.91	635.76	851.94	804.29	47.66	17.877		
6,500.00	6,202.22	6,472.37	6,174.64	23.74	25.73	-100.09	1,798.78	631.60	856.56	807.93	48.63	17.613		
6,600.00	6,296.91	6,554.45	6,256.60	24.17	25.84	-101.84	1,796.15	634.92	857.88	808.64	49.24	17.423		
6,700.00	6,391.60	6,623.00	6,325.11	24.60	25.87	-103.13	1,797.58	636.76	863.85	814.14	49.71	17.379 SF		
6,800.00	6,486.30	6,712.93	6,414.97	25.04	25.83	-104.77	1,800.69	638.38	872.25	822.12	50.12	17.402		
6,900.00	6,580.99	6,803.73	6,505.69	25.47	25.80	-106.40	1,804.02	639.48	882.08	831.56	50.52	17.459		
7,000.00	6,675.68	6,872.05	6,573.93	25.91	25.77	-107.58	1,807.45	639.34	894.53	843.68	50.84	17.593		
7,100.00	6,769.01	6,969.82	6,671.51	26.37	25.75	-120.56	1,813.34	637.55	914.18	862.90	51.28	17.827		
7,200.00	6,857.00	7,082.20	6,783.83	26.93	25.84	-130.24	1,815.93	636.25	946.34	894.42	51.92	18.226		
7,300.00	6,937.46	7,183.69	6,885.32	27.60	26.04	-136.16	1,815.16	636.43	991.10	938.45	52.64	18.826		
7,400.00	7,008.38	7,258.59	6,960.21	28.37	26.17	-139.14	1,813.88	637.40	1,048.71	995.46	53.25	19.695		
7,500.00	7,068.02	7,319.02	7,020.62	29.23	26.32	-139.88	1,812.83	638.20	1,118.78	1,064.94	53.83	20.782		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,600.00	7,114.92	7,366.86	7,068.45	30.17	26.55	-138.13	1,812.00	638.83	1,199.35	1,144.92	54.43	22.034	
7,700.00	7,147.92	7,400.96	7,102.54	31.17	26.72	-132.27	1,811.41	639.28	1,288.13	1,233.24	54.89	23.466	
7,800.00	7,166.21	7,420.46	7,122.03	32.22	26.90	-117.32	1,811.07	639.54	1,382.61	1,327.33	55.28	25.009	
7,900.00	7,169.96	7,425.50	7,127.08	33.29	26.94	-94.37	1,810.99	639.61	1,480.16	1,424.70	55.46	26.691	
8,000.00	7,169.81	7,426.67	7,128.25	34.40	26.95	-94.60	1,810.97	639.62	1,578.36	1,522.80	55.56	28.409	
8,100.00	7,169.67	7,427.84	7,129.42	35.55	26.97	-94.84	1,810.94	639.64	1,676.77	1,621.12	55.65	30.129	
8,200.00	7,169.52	7,429.01	7,130.59	36.73	26.98	-95.07	1,810.92	639.66	1,775.36	1,719.62	55.74	31.849	
8,300.00	7,169.38	7,430.19	7,131.76	37.96	26.99	-95.30	1,810.90	639.67	1,874.10	1,818.27	55.83	33.570	
8,400.00	7,169.23	7,431.36	7,132.93	39.21	27.00	-95.53	1,810.88	639.69	1,972.96	1,917.06	55.91	35.290	
8,500.00	7,169.08	7,432.53	7,134.10	40.50	27.01	-95.76	1,810.86	639.70	2,071.94	2,015.95	55.99	37.008	
8,600.00	7,168.94	7,433.70	7,135.27	41.81	27.02	-95.99	1,810.84	639.72	2,171.00	2,114.94	56.06	38.725	
8,700.00	7,168.79	7,434.87	7,136.44	43.15	27.03	-96.22	1,810.82	639.73	2,270.15	2,214.01	56.14	40.439	
8,800.00	7,168.65	7,436.04	7,137.61	44.51	27.04	-96.46	1,810.80	639.75	2,369.37	2,313.16	56.21	42.152	
8,900.00	7,168.50	7,437.21	7,138.78	45.89	27.05	-96.69	1,810.78	639.76	2,468.65	2,412.37	56.28	43.861	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,800.00	2,698.58	3,454.59	3,260.75	9.66	14.48	-25.59	2,659.71	1,421.33	2,470.70	2,448.90	21.80	113.345		
2,900.00	2,793.27	3,527.21	3,327.86	9.93	14.83	-25.27	2,635.21	1,434.34	2,418.20	2,395.87	22.33	108.292		
3,000.00	2,887.96	3,668.79	3,458.36	10.20	15.53	-24.61	2,586.32	1,459.37	2,365.27	2,342.20	23.07	102.531		
3,100.00	2,982.66	3,742.06	3,525.38	10.49	15.89	-24.24	2,559.68	1,472.23	2,310.75	2,287.12	23.63	97.794		
3,200.00	3,077.35	3,800.00	3,578.85	10.79	16.18	-23.95	2,539.65	1,482.07	2,257.50	2,233.34	24.16	93.442		
3,300.00	3,172.04	3,910.00	3,680.52	11.10	16.72	-23.40	2,501.83	1,500.33	2,204.55	2,179.71	24.83	88.778		
3,400.00	3,266.74	4,075.47	3,830.79	11.42	17.57	-22.37	2,438.76	1,528.92	2,148.36	2,122.70	25.66	83.729		
3,500.00	3,361.43	4,179.39	3,924.03	11.75	18.12	-21.62	2,396.82	1,547.49	2,091.14	2,064.79	26.35	79.365		
3,600.00	3,456.12	4,239.07	3,977.41	12.09	18.44	-21.15	2,372.43	1,558.35	2,033.86	2,006.90	26.95	75.457		
3,700.00	3,550.81	4,300.00	4,032.24	12.44	18.76	-20.65	2,348.46	1,569.82	1,977.98	1,950.40	27.57	71.731		
3,800.00	3,645.51	4,367.12	4,092.71	12.79	19.12	-20.08	2,322.45	1,582.90	1,923.00	1,894.77	28.22	68.132		
3,900.00	3,740.20	4,475.57	4,189.76	13.15	19.71	-19.04	2,279.32	1,604.88	1,867.82	1,838.84	28.98	64.447		
4,000.00	3,834.89	4,548.34	4,254.40	13.52	20.12	-18.28	2,249.49	1,619.93	1,812.09	1,782.41	29.68	61.057		
4,100.00	3,929.59	4,620.68	4,319.03	13.89	20.52	-17.49	2,220.60	1,634.85	1,757.40	1,727.01	30.39	57.835		
4,200.00	4,024.28	4,717.25	4,404.54	14.26	21.05	-16.33	2,180.73	1,655.42	1,702.20	1,671.05	31.16	54.629		
4,300.00	4,118.97	4,765.01	4,446.89	14.65	21.32	-15.72	2,161.33	1,665.91	1,648.21	1,616.36	31.85	51.745		
4,400.00	4,213.67	4,817.18	4,493.57	15.03	21.61	-15.04	2,141.14	1,677.54	1,596.19	1,563.63	32.56	49.020		
4,500.00	4,308.36	4,878.05	4,548.44	15.42	21.94	-14.25	2,118.55	1,691.14	1,545.85	1,512.55	33.29	46.429		
4,600.00	4,403.05	4,962.33	4,624.92	15.81	22.39	-13.12	2,088.31	1,709.58	1,496.70	1,462.62	34.08	43.918		
4,700.00	4,497.74	5,076.43	4,728.64	16.21	22.99	-11.54	2,046.82	1,732.77	1,447.08	1,412.16	34.91	41.446		
4,800.00	4,592.44	5,155.77	4,800.56	16.61	23.41	-10.37	2,017.08	1,748.18	1,396.72	1,361.02	35.70	39.122		
4,900.00	4,687.13	5,226.13	4,864.70	17.01	23.78	-9.29	1,991.50	1,761.69	1,347.61	1,311.13	36.49	36.936		
5,000.00	4,781.82	5,298.39	4,931.00	17.42	24.16	-8.16	1,966.17	1,775.23	1,299.78	1,262.51	37.28	34.868		
5,100.00	4,876.52	5,351.43	4,980.30	17.83	24.41	-7.36	1,949.02	1,784.60	1,253.91	1,215.88	38.03	32.972		
5,200.00	4,971.21	5,408.04	5,033.92	18.24	24.67	-6.60	1,933.26	1,793.58	1,210.72	1,171.95	38.78	31.224		
5,300.00	5,065.90	5,476.11	5,099.24	18.65	24.96	-5.77	1,916.79	1,803.40	1,169.76	1,130.25	39.50	29.611		
5,400.00	5,160.60	5,555.98	5,176.58	19.07	25.28	-4.86	1,899.85	1,813.84	1,130.43	1,090.20	40.23	28.098		
5,500.00	5,255.29	5,644.75	5,263.11	19.48	25.62	-3.93	1,882.81	1,823.89	1,091.79	1,050.84	40.95	26.661		
5,600.00	5,349.98	5,736.66	5,353.18	19.90	25.95	-3.04	1,866.66	1,832.54	1,053.37	1,011.72	41.65	25.290		
5,700.00	5,444.67	5,825.97	5,441.11	20.32	26.26	-2.24	1,852.52	1,839.18	1,015.13	972.79	42.33	23.980		
5,800.00	5,539.37	5,915.33	5,529.67	20.74	26.53	-1.64	1,841.40	1,843.35	977.55	934.57	42.98	22.744		
5,900.00	5,634.06	6,028.21	5,641.86	21.17	26.83	-1.10	1,829.13	1,844.13	938.49	894.96	43.53	21.557		
6,000.00	5,728.75	6,111.13	5,724.46	21.59	27.01	-0.88	1,822.01	1,842.41	899.29	855.18	44.11	20.388		
6,100.00	5,823.45	6,184.52	5,797.70	22.02	27.14	-0.79	1,817.83	1,840.50	861.63	816.95	44.68	19.286		
6,200.00	5,918.14	6,257.87	5,871.00	22.45	27.27	-0.76	1,815.44	1,839.14	826.09	780.85	45.24	18.260		
6,300.00	6,012.83	6,337.46	5,950.58	22.88	27.43	-0.72	1,814.12	1,839.02	792.70	746.90	45.80	17.308		
6,400.00	6,107.53	6,427.09	6,040.20	23.31	27.58	-0.72	1,813.75	1,839.18	760.40	714.07	46.33	16.414		
6,500.00	6,202.22	6,522.40	6,135.51	23.74	27.64	-0.83	1,814.41	1,838.50	728.24	681.51	46.74	15.582		
6,600.00	6,296.91	6,617.50	6,230.58	24.17	27.61	-1.08	1,816.10	1,836.76	696.08	649.03	47.05	14.794		
6,700.00	6,391.60	6,714.99	6,327.96	24.60	27.58	-1.55	1,819.00	1,833.30	663.61	616.27	47.34	14.017		
6,800.00	6,486.30	6,808.89	6,421.81	25.04	27.56	-1.89	1,820.66	1,831.01	631.08	583.40	47.68	13.236		
6,900.00	6,580.99	6,905.60	6,518.52	25.47	27.68	-1.94	1,819.89	1,831.01	598.40	550.26	48.14	12.430		
7,000.00	6,675.68	6,997.48	6,610.37	25.91	27.90	-1.85	1,818.25	1,832.05	565.80	517.06	48.74	11.608		
7,100.00	6,769.01	7,080.96	6,693.83	26.37	28.08	-16.04	1,817.23	1,833.84	531.00	481.66	49.35	10.761		
7,200.00	6,857.00	7,171.63	6,784.45	26.93	28.28	-29.51	1,816.50	1,836.76	488.23	438.31	49.91	9.781		
7,300.00	6,937.46	7,256.09	6,868.86	27.60	28.47	-42.68	1,815.24	1,839.16	437.87	387.41	50.46	8.678		
7,400.00	7,008.38	7,329.52	6,942.25	28.37	28.63	-57.16	1,813.80	1,841.21	384.23	333.25	50.97	7.538		
7,500.00	7,068.02	7,408.97	7,003.72	29.23	28.79	-72.14	1,812.54	1,842.92	334.30	282.70	51.60	6.479		
7,600.00	7,114.92	7,440.10	7,052.76	30.17	28.92	-84.91	1,811.54	1,844.29	298.85	246.42	52.44	5.699		
7,673.92	7,140.71	7,467.66	7,080.30	30.91	29.04	-91.37	1,810.97	1,845.06	289.76	236.52	53.24	5.443 CC, ES		
7,700.00	7,147.92	7,475.52	7,088.17	31.17	29.08	-92.91	1,810.81	1,845.28	290.96	237.44	53.53	5.436 SF		
7,800.00	7,166.21	7,503.57	7,109.06	32.22	29.21	-94.93	1,810.38	1,845.86	317.61	262.89	54.72	5.804		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,900.00	7,169.96	7,502.93	7,115.56	33.29	29.21	-92.49	1,810.25	1,846.04	373.25	317.61	55.64	6.708	
8,000.00	7,169.81	7,505.56	7,118.19	34.40	29.23	-93.03	1,810.20	1,846.11	445.39	389.07	56.32	7.909	
8,100.00	7,169.67	7,508.19	7,120.81	35.55	29.25	-93.56	1,810.14	1,846.19	526.70	469.96	56.75	9.282	
8,200.00	7,169.52	7,510.82	7,123.44	36.73	29.28	-94.10	1,810.09	1,846.26	613.55	556.54	57.01	10.761	
8,300.00	7,169.38	7,513.45	7,126.07	37.96	29.30	-94.63	1,810.04	1,846.33	703.89	646.70	57.19	12.308	
8,400.00	7,169.23	7,516.07	7,128.69	39.21	29.32	-95.16	1,809.98	1,846.41	796.53	739.22	57.31	13.898	
8,500.00	7,169.08	7,518.70	7,131.32	40.50	29.34	-95.70	1,809.93	1,846.48	890.76	833.36	57.41	15.517	
8,600.00	7,168.94	7,521.33	7,133.95	41.81	29.36	-96.23	1,809.87	1,846.55	986.12	928.64	57.48	17.155	
8,700.00	7,168.79	7,523.96	7,136.57	43.15	29.39	-96.76	1,809.82	1,846.62	1,082.31	1,024.76	57.55	18.806	
8,800.00	7,168.65	7,526.59	7,139.20	44.51	29.41	-97.29	1,809.77	1,846.70	1,179.13	1,121.51	57.61	20.466	
8,900.00	7,168.50	7,529.22	7,141.83	45.89	29.43	-97.82	1,809.71	1,846.77	1,276.43	1,218.75	57.68	22.131	
9,000.00	7,168.36	7,531.84	7,144.45	47.29	29.45	-98.35	1,809.66	1,846.84	1,374.12	1,316.38	57.74	23.800	
9,100.00	7,168.21	7,534.47	7,147.08	48.70	29.48	-98.87	1,809.61	1,846.92	1,472.11	1,414.31	57.80	25.470	
9,200.00	7,168.06	7,537.10	7,149.71	50.13	29.50	-99.40	1,809.55	1,846.99	1,570.35	1,512.49	57.86	27.140	
9,300.00	7,167.92	7,539.73	7,152.34	51.58	29.52	-99.92	1,809.50	1,847.06	1,668.79	1,610.87	57.92	28.810	
9,400.00	7,167.77	7,542.36	7,154.96	53.04	29.54	-100.44	1,809.44	1,847.14	1,767.41	1,709.42	57.99	30.478	
9,500.00	7,167.63	7,544.99	7,157.59	54.51	29.56	-100.96	1,809.39	1,847.21	1,866.17	1,808.11	58.06	32.144	
9,600.00	7,167.48	7,547.61	7,160.22	55.99	29.59	-101.48	1,809.34	1,847.28	1,965.05	1,906.93	58.13	33.807	
9,700.00	7,167.34	7,550.24	7,162.84	57.48	29.61	-102.00	1,809.28	1,847.36	2,064.04	2,005.84	58.20	35.467	
9,800.00	7,167.19	7,552.87	7,165.47	58.98	29.63	-102.52	1,809.23	1,847.43	2,163.11	2,104.85	58.27	37.123	
9,900.00	7,167.04	7,555.50	7,168.10	60.49	29.65	-103.03	1,809.18	1,847.50	2,262.27	2,203.93	58.34	38.776	
10,000.00	7,166.90	7,558.13	7,170.72	62.01	29.68	-103.54	1,809.12	1,847.58	2,361.49	2,303.07	58.42	40.424	
10,100.00	7,166.75	7,560.76	7,173.35	63.54	29.70	-104.05	1,809.07	1,847.65	2,460.77	2,402.28	58.50	42.068	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.42	-0.73	99.95	99.95				
100.00	100.00	101.00	99.00	3.28	3.28	90.42	-0.73	99.95	99.95	92.42	7.53	13.276	
200.00	200.00	201.00	199.00	3.31	3.31	90.42	-0.73	99.95	99.95	92.38	7.57	13.196	
300.00	300.00	299.00	299.00	3.35	3.35	44.91	-0.73	99.95	99.80	92.14	7.66	13.024	
400.00	399.95	395.95	395.93	3.42	3.41	45.72	-0.10	101.43	99.23	91.44	7.79	12.743	
435.38	435.28	430.24	430.19	3.45	3.44	46.15	0.44	102.67	99.18	91.34	7.84	12.652 CC, ES	
500.00	499.74	492.88	492.73	3.51	3.49	47.13	1.83	105.91	99.33	91.39	7.94	12.504	
600.00	599.24	589.80	589.31	3.62	3.60	49.11	5.05	113.41	100.20	92.06	8.14	12.313	
700.00	698.33	686.71	685.53	3.76	3.73	51.59	9.55	123.89	101.93	93.56	8.37	12.173	
800.00	796.90	783.57	781.27	3.93	3.88	54.49	15.34	137.36	104.65	95.99	8.66	12.085	
900.00	894.81	880.36	876.40	4.14	4.07	57.69	22.39	153.78	108.48	99.47	9.01	12.044	
1,000.00	991.96	978.87	972.68	4.40	4.31	61.34	30.62	172.92	113.04	103.59	9.45	11.959	
1,100.00	1,088.23	1,078.30	1,069.81	4.71	4.57	66.19	39.01	192.46	116.79	106.78	10.00	11.675	
1,200.00	1,183.49	1,177.43	1,166.64	5.07	4.86	72.23	47.38	211.94	120.24	109.58	10.66	11.278	
1,300.00	1,278.18	1,276.34	1,263.26	5.48	5.17	78.74	55.73	231.38	124.63	113.21	11.41	10.921	
1,400.00	1,372.87	1,375.25	1,359.89	5.91	5.49	84.75	64.08	250.81	130.53	118.31	12.21	10.686	
1,500.00	1,467.57	1,474.17	1,456.51	6.37	5.83	90.19	72.44	270.25	137.75	124.71	13.05	10.557	
1,600.00	1,562.26	1,573.08	1,553.14	6.85	6.17	95.06	80.79	289.69	146.10	132.20	13.90	10.511	
1,700.00	1,656.95	1,671.99	1,649.76	7.34	6.53	99.38	89.14	309.13	155.40	140.64	14.76	10.530	
1,800.00	1,751.65	1,770.91	1,746.39	7.85	6.90	103.20	97.49	328.56	165.48	149.87	15.62	10.597	
1,900.00	1,846.34	1,869.82	1,843.01	8.13	7.15	106.57	105.84	348.00	176.21	160.46	15.76	11.184	
2,000.00	1,941.03	1,968.73	1,939.64	8.21	7.25	109.55	114.19	367.44	187.48	171.58	15.90	11.789	
2,100.00	2,035.73	2,067.65	2,036.26	8.32	7.31	112.19	122.54	386.88	199.20	183.17	16.03	12.426	
2,200.00	2,130.42	2,166.56	2,132.89	8.45	7.39	114.54	130.89	406.32	211.29	195.10	16.19	13.049	
2,300.00	2,225.11	2,265.48	2,229.51	8.60	7.48	116.63	139.25	425.75	223.70	207.31	16.39	13.649	
2,400.00	2,319.81	2,364.39	2,326.14	8.78	7.59	118.49	147.60	445.19	236.36	219.75	16.62	14.223	
2,500.00	2,414.50	2,463.30	2,422.76	8.97	7.72	120.17	155.95	464.63	249.26	232.37	16.88	14.764	
2,600.00	2,509.19	2,562.22	2,519.39	9.19	7.86	121.68	164.30	484.07	262.34	245.16	17.18	15.272	
2,700.00	2,603.88	2,661.13	2,616.01	9.42	8.02	123.05	172.65	503.51	275.58	258.08	17.50	15.744	
2,800.00	2,698.58	2,760.04	2,712.64	9.66	8.19	124.29	181.00	522.94	288.97	271.11	17.86	16.180	
2,900.00	2,793.27	2,858.96	2,809.26	9.93	8.37	125.43	189.35	542.38	302.47	284.23	18.24	16.582	
3,000.00	2,887.96	2,957.87	2,905.89	10.20	8.56	126.46	197.70	561.82	316.09	297.44	18.65	16.949	
3,100.00	2,982.66	3,056.79	3,002.51	10.49	8.77	127.41	206.06	581.26	329.79	310.71	19.08	17.283	
3,200.00	3,077.35	3,155.70	3,099.14	10.79	8.98	128.29	214.41	600.69	343.58	324.05	19.54	17.587	
3,300.00	3,172.04	3,254.61	3,195.76	11.10	9.21	129.09	222.76	620.13	357.44	337.43	20.01	17.862	
3,400.00	3,266.74	3,353.53	3,292.38	11.42	9.44	129.84	231.11	639.57	371.37	350.86	20.51	18.111	
3,500.00	3,361.43	3,452.44	3,389.01	11.75	9.68	130.53	239.46	659.01	385.35	364.34	21.02	18.335	
3,600.00	3,456.12	3,551.35	3,485.63	12.09	9.93	131.18	247.81	678.45	399.39	377.84	21.55	18.536	
3,700.00	3,550.81	3,650.27	3,582.26	12.44	10.18	131.78	256.16	697.88	413.47	391.38	22.09	18.717	
3,800.00	3,645.51	3,749.18	3,678.88	12.79	10.44	132.34	264.51	717.32	427.59	404.94	22.65	18.880	
3,900.00	3,740.20	3,848.10	3,775.51	13.15	10.71	132.86	272.87	736.76	441.75	418.53	23.22	19.026	
4,000.00	3,834.89	3,947.01	3,872.13	13.52	10.98	133.35	281.22	756.20	455.95	432.15	23.80	19.156	
4,100.00	3,929.59	4,045.92	3,968.76	13.89	11.26	133.82	289.57	775.64	470.17	445.78	24.40	19.273	
4,200.00	4,024.28	4,144.84	4,065.38	14.26	11.54	134.25	297.92	795.07	484.43	459.43	25.00	19.378	
4,300.00	4,118.97	4,243.75	4,162.01	14.65	11.83	134.66	306.27	814.51	498.71	473.09	25.61	19.471	
4,400.00	4,213.67	4,342.66	4,258.63	15.03	12.12	135.05	314.62	833.95	513.01	486.77	26.24	19.554	
4,500.00	4,308.36	4,441.58	4,355.26	15.42	12.42	135.42	322.97	853.39	527.33	500.47	26.87	19.628	
4,600.00	4,403.05	4,540.49	4,451.88	15.81	12.72	135.77	331.32	872.82	541.68	514.18	27.50	19.695	
4,700.00	4,497.74	4,639.40	4,548.51	16.21	13.02	136.09	339.68	892.26	556.04	527.89	28.15	19.754	
4,800.00	4,592.44	4,738.32	4,645.13	16.61	13.32	136.41	348.03	911.70	570.42	541.62	28.80	19.806	
4,900.00	4,687.13	4,837.23	4,741.76	17.01	13.63	136.71	356.38	931.14	584.82	555.36	29.46	19.852	
5,000.00	4,781.82	4,936.15	4,838.38	17.42	13.94	136.99	364.73	950.58	599.23	569.11	30.12	19.893	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	4,876.52	5,035.06	4,935.01	17.83	14.26	137.26	373.08	970.01	613.66	582.87	30.79	19.930	
5,200.00	4,971.21	5,133.97	5,031.63	18.24	14.57	137.52	381.43	989.45	628.10	596.63	31.46	19.962	
5,300.00	5,065.90	5,232.89	5,128.26	18.65	14.89	137.76	389.78	1,008.89	642.55	610.40	32.14	19.990	
5,400.00	5,160.60	5,331.80	5,224.88	19.07	15.21	138.00	398.14	1,028.33	657.01	624.18	32.83	20.015	
5,500.00	5,255.29	5,430.71	5,321.50	19.48	15.53	138.22	406.49	1,047.77	671.48	637.97	33.51	20.037	
5,600.00	5,349.98	5,529.63	5,418.13	19.90	15.86	138.44	414.84	1,067.20	685.96	651.76	34.20	20.056	
5,700.00	5,444.67	5,628.54	5,514.75	20.32	16.18	138.64	423.19	1,086.64	700.45	665.55	34.90	20.072	
5,800.00	5,539.37	5,727.46	5,611.38	20.74	16.51	138.84	431.54	1,106.08	714.95	679.35	35.59	20.086	
5,900.00	5,634.06	5,826.37	5,708.00	21.17	16.84	139.03	439.89	1,125.52	729.45	693.16	36.29	20.098	
6,000.00	5,728.75	5,925.28	5,804.63	21.59	17.17	139.22	448.24	1,144.96	743.97	706.97	37.00	20.108	
6,100.00	5,823.45	6,024.20	5,901.25	22.02	17.50	139.39	456.59	1,164.39	758.49	720.79	37.70	20.117	
6,200.00	5,918.14	6,123.11	5,997.88	22.45	17.83	139.56	464.95	1,183.83	773.02	734.60	38.41	20.123	
6,300.00	6,012.83	6,222.02	6,094.50	22.88	18.16	139.72	473.30	1,203.27	787.55	748.43	39.13	20.129	
6,400.00	6,107.53	6,320.94	6,191.13	23.31	18.50	139.88	481.65	1,222.71	802.09	762.25	39.84	20.133	
6,500.00	6,202.22	6,419.85	6,287.75	23.74	18.83	140.03	490.00	1,242.14	816.64	776.08	40.56	20.136	
6,600.00	6,296.91	6,518.76	6,384.38	24.17	19.17	140.18	498.35	1,261.58	831.19	789.92	41.27	20.139	
6,700.00	6,391.60	6,617.68	6,481.00	24.60	19.51	140.32	506.70	1,281.02	845.75	803.75	41.99	20.140	
6,800.00	6,486.30	6,716.59	6,577.63	25.04	19.85	140.46	515.05	1,300.46	860.31	817.59	42.72	20.140	
6,900.00	6,580.99	6,815.51	6,674.25	25.47	20.19	140.59	523.40	1,319.90	874.88	831.44	43.44	20.140	
7,000.00	6,675.68	6,914.42	6,770.88	25.91	20.53	140.72	531.76	1,339.33	889.45	845.28	44.17	20.139	
7,100.00	6,769.01	7,031.80	6,883.37	26.37	21.00	127.83	541.55	1,370.81	903.55	858.45	45.11	20.032	
7,200.00	6,857.00	7,151.90	6,990.54	26.93	21.64	118.14	551.06	1,423.77	916.44	870.08	46.36	19.767	
7,300.00	6,937.46	7,271.40	7,085.46	27.60	22.45	111.87	559.69	1,495.57	927.83	879.90	47.93	19.358	
7,400.00	7,008.38	7,389.57	7,164.55	28.37	23.40	107.39	567.10	1,582.82	937.47	887.69	49.78	18.832	
7,500.00	7,068.02	7,505.76	7,225.35	29.23	24.48	103.98	573.05	1,681.46	945.21	893.33	51.88	18.218	
7,600.00	7,114.92	7,619.44	7,266.60	30.17	25.67	101.31	577.39	1,787.14	950.94	896.75	54.19	17.549	
7,700.00	7,147.92	7,730.23	7,288.18	31.17	26.89	99.22	580.09	1,895.64	954.60	898.00	56.60	16.866	
7,800.00	7,166.21	7,835.33	7,291.93	32.22	28.10	97.71	581.25	2,000.59	956.24	897.25	58.99	16.211	
7,900.00	7,169.96	7,935.18	7,291.71	33.29	29.28	97.37	582.04	2,100.44	956.35	895.03	61.31	15.598	
8,000.00	7,169.81	8,035.18	7,291.48	34.40	30.51	97.37	582.82	2,200.44	956.05	892.33	63.72	15.005	
8,100.00	7,169.67	8,135.18	7,291.26	35.55	31.78	97.37	583.60	2,300.43	955.75	889.55	66.20	14.436	
8,200.00	7,169.52	8,235.18	7,291.04	36.73	33.09	97.37	584.39	2,400.43	955.46	886.69	68.76	13.895	
8,300.00	7,169.38	8,335.18	7,290.81	37.96	34.43	97.37	585.17	2,500.42	955.16	883.78	71.39	13.380	
8,400.00	7,169.23	8,435.18	7,290.59	39.21	35.79	97.36	585.95	2,600.42	954.87	880.80	74.07	12.892	
8,500.00	7,169.08	8,535.18	7,290.37	40.50	37.18	97.36	586.74	2,700.42	954.57	877.77	76.80	12.430	
8,600.00	7,168.94	8,635.18	7,290.14	41.81	38.59	97.36	587.52	2,800.41	954.27	874.70	79.57	11.992	
8,700.00	7,168.79	8,735.18	7,289.92	43.15	40.02	97.36	588.30	2,900.41	953.98	871.59	82.39	11.579	
8,800.00	7,168.65	8,835.17	7,289.70	44.51	41.47	97.35	589.09	3,000.41	953.68	868.44	85.25	11.187	
8,900.00	7,168.50	8,935.17	7,289.47	45.89	42.94	97.35	589.87	3,100.40	953.39	865.25	88.13	10.817	
9,000.00	7,168.36	9,035.17	7,289.25	47.29	44.41	97.35	590.65	3,200.40	953.09	862.04	91.05	10.467	
9,100.00	7,168.21	9,135.17	7,289.03	48.70	45.91	97.35	591.43	3,300.39	952.79	858.80	94.00	10.136	
9,200.00	7,168.06	9,235.17	7,288.80	50.13	47.41	97.34	592.22	3,400.39	952.50	855.53	96.97	9.823	
9,300.00	7,167.92	9,335.17	7,288.58	51.58	48.93	97.34	593.00	3,500.39	952.20	852.24	99.96	9.526	
9,400.00	7,167.77	9,435.17	7,288.36	53.04	50.45	97.34	593.78	3,600.38	951.91	848.93	102.98	9.244	
9,500.00	7,167.63	9,535.17	7,288.13	54.51	51.99	97.34	594.57	3,700.38	951.61	845.60	106.01	8.977	
9,600.00	7,167.48	9,635.17	7,287.91	55.99	53.53	97.33	595.35	3,800.38	951.32	842.26	109.06	8.723	
9,700.00	7,167.34	9,735.17	7,287.69	57.48	55.08	97.33	596.13	3,900.37	951.02	838.89	112.13	8.482	
9,800.00	7,167.19	9,835.17	7,287.46	58.98	56.64	97.33	596.92	4,000.37	950.72	835.52	115.21	8.252	
9,900.00	7,167.04	9,935.17	7,287.24	60.49	58.20	97.33	597.70	4,100.36	950.43	832.13	118.30	8.034	
10,000.00	7,166.90	10,035.17	7,287.02	62.01	59.77	97.32	598.48	4,200.36	950.13	828.73	121.41	7.826	
10,100.00	7,166.75	10,135.17	7,286.79	63.54	61.34	97.32	599.27	4,300.36	949.84	825.31	124.53	7.628	
10,200.00	7,166.61	10,235.17	7,286.57	65.07	62.92	97.32	600.05	4,400.35	949.54	821.89	127.65	7.438	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,166.46	10,335.17	7,286.35	66.61	64.50	97.32	600.83	4,500.35	949.24	818.45	130.79	7.258	
10,400.00	7,166.32	10,435.17	7,286.13	68.16	66.09	97.31	601.62	4,600.35	948.95	815.01	133.94	7.085	
10,500.00	7,166.17	10,535.17	7,285.90	69.71	67.69	97.31	602.40	4,700.34	948.65	811.56	137.10	6.920	
10,600.00	7,166.02	10,635.17	7,285.68	71.26	69.28	97.31	603.18	4,800.34	948.36	808.10	140.26	6.761	
10,700.00	7,165.88	10,735.17	7,285.46	72.83	70.88	97.31	603.97	4,900.33	948.06	804.63	143.43	6.610	
10,800.00	7,165.73	10,835.17	7,285.23	74.39	72.48	97.30	604.75	5,000.33	947.77	801.15	146.61	6.464	
10,900.00	7,165.59	10,935.17	7,285.01	75.97	74.09	97.30	605.53	5,100.33	947.47	797.67	149.80	6.325	
11,000.00	7,165.44	11,035.16	7,284.79	77.54	75.70	97.30	606.32	5,200.32	947.17	794.18	152.99	6.191	
11,100.00	7,165.29	11,135.16	7,284.56	79.12	77.31	97.30	607.10	5,300.32	946.88	790.69	156.19	6.062	
11,200.00	7,165.15	11,235.16	7,284.34	80.70	78.92	97.29	607.88	5,400.31	946.58	787.19	159.39	5.939	
11,300.00	7,165.00	11,335.16	7,284.12	82.29	80.54	97.29	608.67	5,500.31	946.29	783.69	162.60	5.820	
11,400.00	7,164.86	11,435.16	7,283.89	83.88	82.16	97.29	609.45	5,600.31	945.99	780.18	165.81	5.705	
11,500.00	7,164.71	11,535.16	7,283.67	85.47	83.78	97.29	610.23	5,700.30	945.69	776.67	169.03	5.595	
11,600.00	7,164.57	11,635.16	7,283.45	87.07	85.40	97.29	611.02	5,800.30	945.40	773.15	172.25	5.489	
11,700.00	7,164.42	11,735.16	7,283.22	88.67	87.02	97.28	611.80	5,900.30	945.10	769.63	175.47	5.386	
11,800.00	7,164.27	11,835.16	7,283.00	90.27	88.65	97.28	612.58	6,000.29	944.81	766.10	178.70	5.287	
11,900.00	7,164.13	11,935.16	7,282.78	91.87	90.28	97.28	613.37	6,100.29	944.51	762.57	181.94	5.191	
12,000.00	7,163.98	12,035.16	7,282.55	93.48	91.91	97.28	614.15	6,200.28	944.22	759.04	185.17	5.099	
12,100.00	7,163.84	12,135.16	7,282.33	95.09	93.54	97.27	614.93	6,300.28	943.92	755.51	188.41	5.010	
12,200.00	7,163.69	12,235.16	7,282.11	96.70	95.17	97.27	615.72	6,400.28	943.62	751.97	191.66	4.924	
12,300.00	7,163.55	12,335.16	7,281.88	98.31	96.80	97.27	616.50	6,500.27	943.33	748.43	194.90	4.840	
12,400.00	7,163.40	12,435.16	7,281.66	99.93	98.44	97.27	617.28	6,600.27	943.03	744.88	198.15	4.759	
12,500.00	7,163.25	12,535.16	7,281.44	101.54	100.08	97.26	618.07	6,700.27	942.74	741.34	201.40	4.681	
12,600.00	7,163.11	12,635.16	7,281.21	103.16	101.71	97.26	618.85	6,800.26	942.44	737.79	204.65	4.605	
12,700.00	7,162.96	12,735.16	7,280.99	104.78	103.35	97.26	619.63	6,900.26	942.15	734.23	207.91	4.531	
12,800.00	7,162.82	12,835.16	7,280.77	106.41	104.99	97.26	620.42	7,000.25	941.85	730.68	211.17	4.460	
12,900.00	7,162.67	12,935.16	7,280.54	108.03	106.63	97.25	621.20	7,100.25	941.55	727.12	214.43	4.391	
13,000.00	7,162.53	13,035.16	7,280.32	109.65	108.27	97.25	621.98	7,200.25	941.26	723.57	217.69	4.324	
13,100.00	7,162.38	13,135.16	7,280.10	111.28	109.92	97.25	622.77	7,300.24	940.96	720.00	220.96	4.259	
13,200.00	7,162.23	13,235.16	7,279.87	112.91	111.56	97.25	623.55	7,400.24	940.67	716.44	224.22	4.195	
13,300.00	7,162.09	13,335.15	7,279.65	114.54	113.20	97.24	624.33	7,500.24	940.37	712.88	227.49	4.134	
13,400.00	7,161.94	13,435.15	7,279.43	116.17	114.85	97.24	625.12	7,600.23	940.07	709.31	230.76	4.074	
13,500.00	7,161.80	13,535.15	7,279.21	117.80	116.49	97.24	625.90	7,700.23	939.78	705.74	234.03	4.016	
13,600.00	7,161.65	13,635.15	7,278.98	119.43	118.14	97.24	626.68	7,800.22	939.48	702.18	237.31	3.959	
13,700.00	7,161.51	13,735.15	7,278.76	121.06	119.79	97.23	627.47	7,900.22	939.19	698.60	240.58	3.904	
13,800.00	7,161.36	13,835.15	7,278.54	122.70	121.43	97.23	628.25	8,000.22	938.89	695.03	243.86	3.850	
13,900.00	7,161.21	13,935.15	7,278.31	124.33	123.08	97.23	629.03	8,100.21	938.60	691.46	247.14	3.798	
14,000.00	7,161.07	14,035.15	7,278.09	125.97	124.73	97.23	629.81	8,200.21	938.30	687.88	250.42	3.747	
14,100.00	7,160.92	14,135.15	7,277.87	127.61	126.38	97.22	630.60	8,300.21	938.00	684.31	253.70	3.697	
14,200.00	7,160.78	14,235.15	7,277.64	129.24	128.03	97.22	631.38	8,400.20	937.71	680.73	256.98	3.649	
14,300.00	7,160.63	14,335.15	7,277.42	130.88	129.68	97.22	632.16	8,500.20	937.41	677.15	260.26	3.602	
14,400.00	7,160.49	14,435.15	7,277.20	132.52	131.33	97.22	632.95	8,600.19	937.12	673.57	263.55	3.556	
14,500.00	7,160.34	14,535.15	7,276.97	134.16	132.98	97.21	633.73	8,700.19	936.82	669.99	266.83	3.511	
14,600.00	7,160.19	14,635.15	7,276.75	135.80	134.64	97.21	634.51	8,800.19	936.53	666.41	270.12	3.467	
14,700.00	7,160.05	14,735.15	7,276.53	137.45	136.29	97.21	635.30	8,900.18	936.23	662.82	273.41	3.424	
14,800.00	7,159.90	14,835.15	7,276.30	139.09	137.94	97.21	636.08	9,000.18	935.93	659.24	276.70	3.383	
14,900.00	7,159.76	14,935.15	7,276.08	140.73	139.60	97.20	636.86	9,100.18	935.64	655.65	279.98	3.342	
15,000.00	7,159.61	15,035.15	7,275.86	142.38	141.25	97.20	637.65	9,200.17	935.34	652.07	283.28	3.302	
15,100.00	7,159.47	15,135.15	7,275.63	144.02	142.91	97.20	638.43	9,300.17	935.05	648.48	286.57	3.263	
15,200.00	7,159.32	15,235.15	7,275.41	145.67	144.56	97.20	639.21	9,400.16	934.75	644.89	289.86	3.225	
15,300.00	7,159.17	15,335.15	7,275.19	147.31	146.22	97.19	640.00	9,500.16	934.45	641.30	293.15	3.188	
15,400.00	7,159.03	15,435.15	7,274.96	148.96	147.87	97.19	640.78	9,600.16	934.16	637.71	296.45	3.151	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	7,158.88	15,535.14	7,274.74	150.61	149.53	97.19	641.56	9,700.15	933.86	634.12	299.74	3.116		
15,600.00	7,158.74	15,635.14	7,274.52	152.26	151.18	97.19	642.35	9,800.15	933.57	630.53	303.04	3.081		
15,700.00	7,158.59	15,735.14	7,274.29	153.90	152.84	97.18	643.13	9,900.15	933.27	626.94	306.33	3.047		
15,800.00	7,158.44	15,835.14	7,274.07	155.55	154.50	97.18	643.91	10,000.14	932.98	623.34	309.63	3.013		
15,900.00	7,158.30	15,935.14	7,273.85	157.20	156.15	97.18	644.70	10,100.14	932.68	619.75	312.93	2.980		
16,000.00	7,158.15	16,035.14	7,273.62	158.85	157.81	97.18	645.48	10,200.13	932.38	616.16	316.23	2.948		
16,100.00	7,158.01	16,135.14	7,273.40	160.50	159.47	97.17	646.26	10,300.13	932.09	612.56	319.53	2.917		
16,200.00	7,157.86	16,235.14	7,273.18	162.15	161.13	97.17	647.05	10,400.13	931.79	608.97	322.83	2.886		
16,300.00	7,157.72	16,335.14	7,272.95	163.80	162.79	97.17	647.83	10,500.12	931.50	605.37	326.13	2.856		
16,400.00	7,157.57	16,435.14	7,272.73	165.46	164.45	97.17	648.61	10,600.12	931.20	601.77	329.43	2.827		
16,500.00	7,157.42	16,535.14	7,272.51	167.11	166.11	97.16	649.40	10,700.12	930.91	598.17	332.73	2.798		
16,600.00	7,157.28	16,635.14	7,272.29	168.76	167.76	97.16	650.18	10,800.11	930.61	594.58	336.03	2.769		
16,700.00	7,157.13	16,735.14	7,272.06	170.41	169.42	97.16	650.96	10,900.11	930.31	590.98	339.34	2.742		
16,800.00	7,156.99	16,835.14	7,271.84	172.07	171.08	97.16	651.75	11,000.10	930.02	587.38	342.64	2.714		
16,900.00	7,156.84	16,935.14	7,271.62	173.72	172.74	97.15	652.53	11,100.10	929.72	583.78	345.94	2.687		
17,000.00	7,156.70	17,035.14	7,271.39	175.37	174.40	97.15	653.31	11,200.10	929.43	580.18	349.25	2.661		
17,100.00	7,156.55	17,135.14	7,271.17	177.03	176.06	97.15	654.10	11,300.09	929.13	576.58	352.55	2.635		
17,200.00	7,156.40	17,235.14	7,270.95	178.68	177.73	97.15	654.88	11,400.09	928.84	572.98	355.86	2.610		
17,300.00	7,156.26	17,335.14	7,270.72	180.34	179.39	97.14	655.66	11,500.09	928.54	569.37	359.17	2.585		
17,400.00	7,156.11	17,435.14	7,270.50	181.99	181.05	97.14	656.45	11,600.08	928.24	565.77	362.47	2.561		
17,500.00	7,155.97	17,535.14	7,270.28	183.65	182.71	97.14	657.23	11,700.08	927.95	562.17	365.78	2.537		
17,600.00	7,155.82	17,635.14	7,270.05	185.30	184.37	97.14	658.01	11,800.07	927.65	558.57	369.09	2.513		
17,700.00	7,155.68	17,735.14	7,269.83	186.96	186.03	97.13	658.80	11,900.07	927.36	554.96	372.39	2.490		
17,800.00	7,155.53	17,835.13	7,269.61	188.62	187.69	97.13	659.58	12,000.07	927.06	551.36	375.70	2.468		
17,900.00	7,155.38	17,935.13	7,269.38	190.27	189.36	97.13	660.36	12,100.06	926.77	547.76	379.01	2.445		
18,000.00	7,155.24	18,035.13	7,269.16	191.93	191.02	97.13	661.15	12,200.06	926.47	544.15	382.32	2.423		
18,100.00	7,155.09	18,135.13	7,268.94	193.59	192.68	97.12	661.93	12,300.06	926.17	540.55	385.63	2.402		
18,181.35	7,154.97	18,216.48	7,268.76	194.93	194.03	97.12	662.57	12,381.40	925.93	537.61	388.32	2.384 SF		
18,200.00	7,154.95	18,206.76	7,268.78	195.24	193.87	97.12	662.49	12,371.68	926.31	538.45	387.86	2.388		
18,263.53	7,154.85	18,206.76	7,268.78	196.30	193.87	97.12	662.49	12,371.68	930.24	543.96	386.29	2.408		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.36	-0.38	59.86	59.86				
100.00	100.00	101.00	99.00	3.28	3.28	90.36	-0.38	59.86	59.86	52.33	7.53	7.951	
200.00	200.00	201.00	199.00	3.31	3.31	90.36	-0.38	59.86	59.86	52.28	7.57	7.903 CC, ES	
300.00	300.00	297.70	297.69	3.35	3.35	44.28	0.26	60.70	60.56	52.90	7.66	7.905	
400.00	399.95	396.01	395.90	3.42	3.41	43.71	2.90	64.16	61.96	54.18	7.78	7.962	
500.00	499.74	494.26	493.85	3.51	3.50	43.49	7.58	70.29	63.60	55.66	7.94	8.008	
600.00	599.24	592.47	591.42	3.62	3.62	43.59	14.29	79.08	65.46	57.32	8.14	8.041	
700.00	698.33	690.62	688.51	3.76	3.76	43.98	23.01	90.53	67.55	59.17	8.38	8.058	
800.00	796.90	788.72	784.99	3.93	3.93	44.63	33.74	104.60	69.87	61.20	8.68	8.053	
900.00	894.81	886.77	880.76	4.14	4.15	45.51	46.46	121.28	72.43	63.41	9.03	8.023	
1,000.00	991.96	984.76	975.71	4.40	4.42	46.59	61.16	140.54	75.24	65.80	9.45	7.964	
1,100.00	1,088.23	1,084.37	1,071.65	4.71	4.74	48.44	77.39	161.84	77.43	67.44	9.98	7.756	
1,200.00	1,183.49	1,184.24	1,167.83	5.07	5.09	52.18	93.70	183.22	77.53	66.90	10.64	7.290	
1,300.00	1,278.18	1,284.02	1,263.93	5.48	5.46	57.01	109.99	204.58	76.96	65.56	11.40	6.751	
1,353.64	1,328.97	1,337.55	1,315.48	5.71	5.66	59.62	118.73	216.04	76.88	65.03	11.85	6.489	
1,400.00	1,372.87	1,383.81	1,360.03	5.91	5.85	61.88	126.29	225.94	76.94	64.69	12.24	6.283	
1,500.00	1,467.57	1,483.59	1,456.13	6.37	6.26	66.72	142.58	247.31	77.47	64.31	13.16	5.887	
1,600.00	1,562.26	1,583.38	1,552.23	6.85	6.68	71.46	158.87	268.67	78.55	64.43	14.13	5.560	
1,700.00	1,656.95	1,683.16	1,648.33	7.34	7.11	76.04	175.16	290.04	80.16	65.03	15.13	5.297	
1,800.00	1,751.65	1,782.95	1,744.43	7.85	7.55	80.42	191.46	311.40	82.26	66.10	16.16	5.091	
1,900.00	1,846.34	1,882.73	1,840.53	8.13	7.83	84.55	207.75	332.76	84.81	68.38	16.42	5.164	
2,000.00	1,941.03	1,982.52	1,936.63	8.21	7.93	88.43	224.04	354.13	87.78	71.11	16.66	5.268	
2,100.00	2,035.73	2,082.30	2,032.73	8.32	8.01	92.04	240.34	375.49	91.12	74.23	16.89	5.395	
2,200.00	2,130.42	2,182.09	2,128.83	8.45	8.12	95.38	256.63	396.86	94.80	77.66	17.14	5.532	
2,300.00	2,225.11	2,281.87	2,224.93	8.60	8.24	98.46	272.92	418.22	98.78	81.37	17.41	5.675	
2,400.00	2,319.81	2,381.66	2,321.03	8.78	8.38	101.30	289.21	439.58	103.02	85.32	17.70	5.820	
2,500.00	2,414.50	2,481.44	2,417.13	8.97	8.54	103.90	305.51	460.95	107.49	89.47	18.02	5.966	
2,600.00	2,509.19	2,581.23	2,513.23	9.19	8.71	106.30	321.80	482.31	112.17	93.81	18.36	6.109	
2,700.00	2,603.88	2,681.01	2,609.33	9.42	8.90	108.50	338.09	503.68	117.03	98.30	18.73	6.249	
2,800.00	2,698.58	2,780.80	2,705.43	9.66	9.11	110.52	354.38	525.04	122.05	102.93	19.12	6.384	
2,900.00	2,793.27	2,880.58	2,801.53	9.93	9.33	112.38	370.68	546.40	127.20	107.67	19.53	6.512	
3,000.00	2,887.96	2,980.37	2,897.63	10.20	9.56	114.10	386.97	567.77	132.48	112.51	19.97	6.634	
3,100.00	2,982.66	3,080.15	2,993.73	10.49	9.80	115.68	403.26	589.13	137.87	117.45	20.43	6.749	
3,200.00	3,077.35	3,179.94	3,089.83	10.79	10.05	117.14	419.56	610.50	143.36	122.45	20.91	6.857	
3,300.00	3,172.04	3,279.72	3,185.93	11.10	10.32	118.49	435.85	631.86	148.93	127.53	21.41	6.958	
3,400.00	3,266.74	3,379.51	3,282.03	11.42	10.59	119.75	452.14	653.22	154.58	132.66	21.92	7.051	
3,500.00	3,361.43	3,479.29	3,378.13	11.75	10.87	120.91	468.43	674.59	160.30	137.85	22.46	7.138	
3,600.00	3,456.12	3,579.08	3,474.23	12.09	11.16	122.00	484.73	695.95	166.08	143.08	23.01	7.219	
3,700.00	3,550.81	3,678.86	3,570.33	12.44	11.46	123.01	501.02	717.32	171.92	148.35	23.57	7.293	
3,800.00	3,645.51	3,778.65	3,666.43	12.79	11.76	123.96	517.31	738.68	177.81	153.65	24.15	7.362	
3,900.00	3,740.20	3,878.43	3,762.53	13.15	12.07	124.84	533.61	760.04	183.74	158.99	24.74	7.426	
4,000.00	3,834.89	3,978.22	3,858.63	13.52	12.39	125.67	549.90	781.41	189.71	164.36	25.35	7.484	
4,100.00	3,929.59	4,078.00	3,954.73	13.89	12.71	126.45	566.19	802.77	195.72	169.75	25.96	7.538	
4,200.00	4,024.28	4,177.79	4,050.83	14.26	13.04	127.18	582.48	824.14	201.76	175.17	26.59	7.588	
4,300.00	4,118.97	4,277.57	4,146.93	14.65	13.37	127.87	598.78	845.50	207.84	180.61	27.23	7.634	
4,400.00	4,213.67	4,377.36	4,243.03	15.03	13.71	128.52	615.07	866.86	213.94	186.07	27.87	7.676	
4,500.00	4,308.36	4,477.14	4,339.13	15.42	14.04	129.14	631.36	888.23	220.07	191.54	28.52	7.715	
4,600.00	4,403.05	4,576.93	4,435.23	15.81	14.39	129.72	647.65	909.59	226.22	197.03	29.18	7.751	
4,700.00	4,497.74	4,676.71	4,531.33	16.21	14.74	130.27	663.95	930.96	232.39	202.54	29.85	7.785	
4,800.00	4,592.44	4,776.50	4,627.43	16.61	15.09	130.79	680.24	952.32	238.59	208.06	30.53	7.815	
4,900.00	4,687.13	4,876.28	4,723.53	17.01	15.44	131.28	696.53	973.68	244.80	213.59	31.21	7.844	
5,000.00	4,781.82	4,976.07	4,819.62	17.42	15.79	131.75	712.83	995.05	251.03	219.13	31.90	7.870	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,876.52	5,075.85	4,915.72	17.83	16.15	132.20	729.12	1,016.41	257.28	224.69	32.59	7.894		
5,200.00	4,971.21	5,175.64	5,011.82	18.24	16.51	132.63	745.41	1,037.78	263.54	230.25	33.29	7.917		
5,300.00	5,065.90	5,275.42	5,107.92	18.65	16.88	133.04	761.70	1,059.14	269.82	235.82	33.99	7.938		
5,400.00	5,160.60	5,375.21	5,204.02	19.07	17.24	133.42	778.00	1,080.50	276.10	241.40	34.70	7.957		
5,500.00	5,255.29	5,474.99	5,300.12	19.48	17.61	133.80	794.29	1,101.87	282.40	246.99	35.41	7.975		
5,600.00	5,349.98	5,574.78	5,396.22	19.90	17.98	134.15	810.58	1,123.23	288.72	252.59	36.13	7.992		
5,700.00	5,444.67	5,674.56	5,492.32	20.32	18.35	134.49	826.87	1,144.60	295.04	258.19	36.85	8.007		
5,800.00	5,539.37	5,774.35	5,588.42	20.74	18.72	134.81	843.17	1,165.96	301.37	263.80	37.57	8.022		
5,900.00	5,634.06	5,874.13	5,684.52	21.17	19.10	135.13	859.46	1,187.32	307.71	269.42	38.30	8.035		
6,000.00	5,728.75	5,973.92	5,780.62	21.59	19.47	135.43	875.75	1,208.69	314.06	275.04	39.02	8.048		
6,100.00	5,823.45	6,073.70	5,876.72	22.02	19.85	135.71	892.05	1,230.05	320.42	280.66	39.76	8.059		
6,200.00	5,918.14	6,173.49	5,972.82	22.45	20.23	135.99	908.34	1,251.42	326.79	286.29	40.49	8.070		
6,300.00	6,012.83	6,273.27	6,068.92	22.88	20.61	136.26	924.63	1,272.78	333.16	291.93	41.23	8.080		
6,400.00	6,107.53	6,373.06	6,165.02	23.31	20.99	136.51	940.92	1,294.14	339.54	297.57	41.97	8.090		
6,500.00	6,202.22	6,472.84	6,261.12	23.74	21.37	136.76	957.22	1,315.51	345.93	303.21	42.71	8.099		
6,600.00	6,296.91	6,572.63	6,357.22	24.17	21.75	136.99	973.51	1,336.87	352.32	308.86	43.46	8.107		
6,700.00	6,391.60	6,672.41	6,453.32	24.60	22.14	137.22	989.80	1,358.24	358.72	314.51	44.21	8.115		
6,800.00	6,486.30	6,772.20	6,549.42	25.04	22.52	137.44	1,006.10	1,379.60	365.12	320.17	44.95	8.122		
6,900.00	6,580.99	6,872.86	6,646.19	25.47	22.92	137.54	1,022.51	1,401.91	371.49	325.76	45.73	8.123		
7,000.00	6,675.68	6,974.05	6,739.98	25.91	23.39	135.78	1,038.47	1,436.05	377.47	330.62	46.85	8.057		
7,100.00	6,769.01	7,070.90	6,832.67	26.37	23.96	120.32	1,052.80	1,482.44	383.95	335.70	48.26	7.957		
7,200.00	6,857.00	7,164.75	6,897.24	26.93	24.60	108.52	1,065.46	1,539.18	391.21	341.46	49.75	7.864		
7,300.00	6,937.46	7,256.04	6,960.16	27.60	25.31	100.50	1,076.38	1,604.31	398.87	347.60	51.27	7.780		
7,400.00	7,008.38	7,345.16	7,012.11	28.37	26.09	94.63	1,085.48	1,676.06	406.51	353.74	52.78	7.703		
7,500.00	7,068.02	7,432.43	7,052.92	29.23	26.93	90.19	1,092.73	1,752.78	413.74	359.50	54.24	7.627		
7,600.00	7,114.92	7,518.17	7,082.57	30.17	27.81	86.81	1,098.11	1,832.99	420.18	364.53	55.66	7.549		
7,700.00	7,147.92	7,602.68	7,101.14	31.17	28.72	84.32	1,101.64	1,915.29	425.51	368.49	57.02	7.463		
7,800.00	7,166.21	7,686.23	7,108.77	32.22	29.64	82.60	1,103.33	1,998.40	429.45	371.12	58.33	7.363		
7,900.00	7,169.96	7,782.33	7,108.82	33.29	30.73	81.98	1,103.81	2,094.50	430.85	370.57	60.29	7.147		
8,000.00	7,169.81	7,882.33	7,108.59	34.40	31.90	81.97	1,104.26	2,194.50	430.91	368.33	62.58	6.886		
8,100.00	7,169.67	7,982.33	7,108.36	35.55	33.12	81.96	1,104.70	2,294.50	430.97	366.00	64.97	6.634		
8,200.00	7,169.52	8,082.33	7,108.13	36.73	34.37	81.95	1,105.15	2,394.50	431.03	363.60	67.43	6.392		
8,300.00	7,169.38	8,182.33	7,107.89	37.96	35.65	81.93	1,105.60	2,494.50	431.09	361.13	69.96	6.162		
8,400.00	7,169.23	8,282.33	7,107.66	39.21	36.97	81.92	1,106.05	2,594.50	431.15	358.59	72.56	5.942		
8,500.00	7,169.08	8,382.33	7,107.43	40.50	38.31	81.91	1,106.49	2,694.50	431.21	355.99	75.21	5.733		
8,600.00	7,168.94	8,482.33	7,107.19	41.81	39.68	81.90	1,106.94	2,794.49	431.27	353.35	77.92	5.535		
8,700.00	7,168.79	8,582.33	7,106.96	43.15	41.07	81.89	1,107.39	2,894.49	431.33	350.66	80.67	5.347		
8,800.00	7,168.65	8,682.33	7,106.73	44.51	42.48	81.88	1,107.83	2,994.49	431.39	347.92	83.46	5.169		
8,900.00	7,168.50	8,782.33	7,106.49	45.89	43.91	81.87	1,108.28	3,094.49	431.45	345.16	86.29	5.000		
9,000.00	7,168.36	8,882.33	7,106.26	47.29	45.36	81.86	1,108.73	3,194.49	431.51	342.35	89.15	4.840		
9,100.00	7,168.21	8,982.33	7,106.03	48.70	46.82	81.85	1,109.18	3,294.49	431.57	339.52	92.04	4.689		
9,200.00	7,168.06	9,082.33	7,105.79	50.13	48.29	81.84	1,109.62	3,394.49	431.63	336.66	94.96	4.545		
9,300.00	7,167.92	9,182.33	7,105.56	51.58	49.77	81.83	1,110.07	3,494.49	431.68	333.77	97.91	4.409		
9,400.00	7,167.77	9,282.33	7,105.33	53.04	51.27	81.82	1,110.52	3,594.48	431.74	330.87	100.88	4.280		
9,500.00	7,167.63	9,382.33	7,105.10	54.51	52.78	81.81	1,110.96	3,694.48	431.80	327.94	103.87	4.157		
9,600.00	7,167.48	9,482.33	7,104.86	55.99	54.30	81.80	1,111.41	3,794.48	431.86	324.99	106.87	4.041		
9,700.00	7,167.34	9,582.33	7,104.63	57.48	55.82	81.79	1,111.86	3,894.48	431.92	322.02	109.90	3.930		
9,800.00	7,167.19	9,682.33	7,104.40	58.98	57.36	81.78	1,112.31	3,994.48	431.98	319.04	112.94	3.825		
9,900.00	7,167.04	9,782.33	7,104.16	60.49	58.90	81.77	1,112.75	4,094.48	432.04	316.05	116.00	3.725		
10,000.00	7,166.90	9,882.33	7,103.93	62.01	60.45	81.75	1,113.20	4,194.48	432.10	313.04	119.07	3.629		
10,100.00	7,166.75	9,982.33	7,103.70	63.54	62.00	81.74	1,113.65	4,294.48	432.16	310.01	122.15	3.538		
10,200.00	7,166.61	10,082.33	7,103.46	65.07	63.56	81.73	1,114.10	4,394.47	432.22	306.98	125.24	3.451		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,166.46	10,182.33	7,103.23	66.61	65.13	81.72	1,114.54	4,494.47	432.28	303.93	128.35	3.368		
10,400.00	7,166.32	10,282.33	7,103.00	68.16	66.70	81.71	1,114.99	4,594.47	432.34	300.88	131.46	3.289		
10,500.00	7,166.17	10,382.33	7,102.76	69.71	68.27	81.70	1,115.44	4,694.47	432.40	297.81	134.59	3.213		
10,600.00	7,166.02	10,482.33	7,102.53	71.26	69.85	81.69	1,115.88	4,794.47	432.46	294.74	137.72	3.140		
10,700.00	7,165.88	10,582.33	7,102.30	72.83	71.44	81.68	1,116.33	4,894.47	432.52	291.66	140.86	3.071		
10,800.00	7,165.73	10,682.33	7,102.07	74.39	73.03	81.67	1,116.78	4,994.47	432.58	288.57	144.01	3.004		
10,900.00	7,165.59	10,782.33	7,101.83	75.97	74.62	81.66	1,117.23	5,094.46	432.64	285.48	147.16	2.940		
11,000.00	7,165.44	10,882.33	7,101.60	77.54	76.22	81.65	1,117.67	5,194.46	432.70	282.38	150.33	2.878		
11,100.00	7,165.29	10,982.33	7,101.37	79.12	77.81	81.64	1,118.12	5,294.46	432.76	279.27	153.49	2.819		
11,200.00	7,165.15	11,082.33	7,101.13	80.70	79.42	81.63	1,118.57	5,394.46	432.82	276.15	156.67	2.763		
11,300.00	7,165.00	11,182.33	7,100.90	82.29	81.02	81.62	1,119.02	5,494.46	432.88	273.03	159.85	2.708		
11,400.00	7,164.86	11,282.33	7,100.67	83.88	82.63	81.61	1,119.46	5,594.46	432.94	269.91	163.03	2.656		
11,500.00	7,164.71	11,382.33	7,100.43	85.47	84.24	81.60	1,119.91	5,694.46	433.00	266.78	166.22	2.605		
11,600.00	7,164.57	11,482.33	7,100.20	87.07	85.85	81.59	1,120.36	5,794.46	433.06	263.65	169.41	2.556		
11,700.00	7,164.42	11,582.33	7,099.97	88.67	87.46	81.58	1,120.80	5,894.45	433.12	260.51	172.61	2.509		
11,800.00	7,164.27	11,682.33	7,099.73	90.27	89.08	81.57	1,121.25	5,994.45	433.18	257.37	175.81	2.464		
11,900.00	7,164.13	11,782.33	7,099.50	91.87	90.70	81.55	1,121.70	6,094.45	433.24	254.22	179.02	2.420		
12,000.00	7,163.98	11,882.33	7,099.27	93.48	92.32	81.54	1,122.15	6,194.45	433.30	251.07	182.23	2.378		
12,100.00	7,163.84	11,982.33	7,099.04	95.09	93.94	81.53	1,122.59	6,294.45	433.36	247.92	185.44	2.337		
12,200.00	7,163.69	12,082.33	7,098.80	96.70	95.57	81.52	1,123.04	6,394.45	433.42	244.76	188.66	2.297		
12,300.00	7,163.55	12,182.33	7,098.57	98.31	97.19	81.51	1,123.49	6,494.45	433.48	241.60	191.88	2.259		
12,400.00	7,163.40	12,282.33	7,098.34	99.93	98.82	81.50	1,123.93	6,594.44	433.54	238.44	195.10	2.222		
12,500.00	7,163.25	12,382.33	7,098.10	101.54	100.45	81.49	1,124.38	6,694.44	433.60	235.28	198.32	2.186		
12,600.00	7,163.11	12,482.33	7,097.87	103.16	102.08	81.48	1,124.83	6,794.44	433.66	232.11	201.55	2.152		
12,700.00	7,162.96	12,582.33	7,097.64	104.78	103.71	81.47	1,125.28	6,894.44	433.72	228.94	204.78	2.118		
12,800.00	7,162.82	12,682.33	7,097.40	106.41	105.34	81.46	1,125.72	6,994.44	433.78	225.77	208.01	2.085		
12,900.00	7,162.67	12,782.33	7,097.17	108.03	106.97	81.45	1,126.17	7,094.44	433.84	222.60	211.25	2.054		
13,000.00	7,162.53	12,882.33	7,096.94	109.65	108.61	81.44	1,126.62	7,194.44	433.90	219.42	214.48	2.023		
13,100.00	7,162.38	12,982.33	7,096.71	111.28	110.25	81.43	1,127.07	7,294.44	433.96	216.24	217.72	1.993		
13,200.00	7,162.23	13,082.33	7,096.47	112.91	111.88	81.42	1,127.51	7,394.43	434.02	213.06	220.96	1.964		
13,300.00	7,162.09	13,182.33	7,096.24	114.54	113.52	81.41	1,127.96	7,494.43	434.08	209.88	224.20	1.936		
13,400.00	7,161.94	13,282.33	7,096.01	116.17	115.16	81.40	1,128.41	7,594.43	434.14	206.70	227.45	1.909		
13,500.00	7,161.80	13,382.33	7,095.77	117.80	116.80	81.39	1,128.85	7,694.43	434.20	203.51	230.69	1.882		
13,600.00	7,161.65	13,482.33	7,095.54	119.43	118.44	81.38	1,129.30	7,794.43	434.26	200.32	233.94	1.856		
13,700.00	7,161.51	13,582.33	7,095.31	121.06	120.08	81.37	1,129.75	7,894.43	434.32	197.14	237.19	1.831		
13,800.00	7,161.36	13,682.33	7,095.07	122.70	121.73	81.36	1,130.20	7,994.43	434.38	193.95	240.44	1.807		
13,900.00	7,161.21	13,782.33	7,094.84	124.33	123.37	81.35	1,130.64	8,094.42	434.44	190.76	243.69	1.783		
14,000.00	7,161.07	13,882.33	7,094.61	125.97	125.01	81.34	1,131.09	8,194.42	434.50	187.56	246.94	1.760		
14,100.00	7,160.92	13,982.33	7,094.37	127.61	126.66	81.32	1,131.54	8,294.42	434.57	184.37	250.20	1.737		
14,200.00	7,160.78	14,082.33	7,094.14	129.24	128.30	81.31	1,131.98	8,394.42	434.63	181.17	253.45	1.715		
14,300.00	7,160.63	14,182.33	7,093.91	130.88	129.95	81.30	1,132.43	8,494.42	434.69	177.98	256.71	1.693		
14,400.00	7,160.49	14,282.33	7,093.68	132.52	131.60	81.29	1,132.88	8,594.42	434.75	174.78	259.97	1.672		
14,500.00	7,160.34	14,382.33	7,093.44	134.16	133.25	81.28	1,133.33	8,694.42	434.81	171.58	263.22	1.652		
14,600.00	7,160.19	14,482.33	7,093.21	135.80	134.89	81.27	1,133.77	8,794.42	434.87	168.38	266.48	1.632		
14,700.00	7,160.05	14,582.33	7,092.98	137.45	136.54	81.26	1,134.22	8,894.41	434.93	165.18	269.74	1.612		
14,800.00	7,159.90	14,682.33	7,092.74	139.09	138.19	81.25	1,134.67	8,994.41	434.99	161.98	273.01	1.593		
14,900.00	7,159.76	14,782.32	7,092.51	140.73	139.84	81.24	1,135.12	9,094.41	435.05	158.78	276.27	1.575		
15,000.00	7,159.61	14,882.32	7,092.28	142.38	141.49	81.23	1,135.56	9,194.41	435.11	155.58	279.53	1.557		
15,100.00	7,159.47	14,982.32	7,092.04	144.02	143.14	81.22	1,136.01	9,294.41	435.17	152.37	282.80	1.539		
15,200.00	7,159.32	15,082.32	7,091.81	145.67	144.79	81.21	1,136.46	9,394.41	435.23	149.17	286.06	1.521		
15,300.00	7,159.17	15,182.32	7,091.58	147.31	146.45	81.20	1,136.90	9,494.41	435.29	145.97	289.33	1.505		
15,400.00	7,159.03	15,282.32	7,091.34	148.96	148.10	81.19	1,137.35	9,594.41	435.35	142.76	292.59	1.488 Level 3		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,158.88	15,382.32	7,091.11	150.61	149.75	81.18	1,137.80	9,694.40	435.41	139.55	295.86	1.472	Level 3
15,600.00	7,158.74	15,482.32	7,090.88	152.26	151.41	81.17	1,138.25	9,794.40	435.47	136.35	299.13	1.456	Level 3
15,700.00	7,158.59	15,582.32	7,090.65	153.90	153.06	81.16	1,138.69	9,894.40	435.53	133.14	302.40	1.440	Level 3
15,800.00	7,158.44	15,682.32	7,090.41	155.55	154.71	81.15	1,139.14	9,994.40	435.59	129.93	305.66	1.425	Level 3
15,900.00	7,158.30	15,782.32	7,090.18	157.20	156.37	81.14	1,139.59	10,094.40	435.65	126.72	308.93	1.410	Level 3
16,000.00	7,158.15	15,882.32	7,089.95	158.85	158.02	81.13	1,140.03	10,194.40	435.71	123.51	312.20	1.396	Level 3
16,100.00	7,158.01	15,982.32	7,089.71	160.50	159.68	81.12	1,140.48	10,294.40	435.78	120.30	315.47	1.381	Level 3
16,200.00	7,157.86	16,082.32	7,089.48	162.15	161.33	81.11	1,140.93	10,394.39	435.84	117.09	318.75	1.367	Level 3
16,300.00	7,157.72	16,182.32	7,089.25	163.80	162.99	81.10	1,141.38	10,494.39	435.90	113.88	322.02	1.354	Level 3
16,400.00	7,157.57	16,282.32	7,089.01	165.46	164.64	81.09	1,141.82	10,594.39	435.96	110.67	325.29	1.340	Level 3
16,500.00	7,157.42	16,382.32	7,088.78	167.11	166.30	81.08	1,142.27	10,694.39	436.02	107.46	328.56	1.327	Level 3
16,600.00	7,157.28	16,482.32	7,088.55	168.76	167.96	81.06	1,142.72	10,794.39	436.08	104.24	331.84	1.314	Level 3
16,700.00	7,157.13	16,582.32	7,088.31	170.41	169.62	81.05	1,143.17	10,894.39	436.14	101.03	335.11	1.301	Level 3
16,800.00	7,156.99	16,682.32	7,088.08	172.07	171.27	81.04	1,143.61	10,994.39	436.20	97.82	338.38	1.289	Level 3
16,900.00	7,156.84	16,782.32	7,087.85	173.72	172.93	81.03	1,144.06	11,094.39	436.26	94.60	341.66	1.277	Level 3
17,000.00	7,156.70	16,882.32	7,087.62	175.37	174.59	81.02	1,144.51	11,194.38	436.32	91.39	344.93	1.265	Level 3
17,100.00	7,156.55	16,982.32	7,087.38	177.03	176.25	81.01	1,144.95	11,294.38	436.38	88.17	348.21	1.253	Level 3
17,200.00	7,156.40	17,082.32	7,087.15	178.68	177.91	81.00	1,145.40	11,394.38	436.44	84.96	351.48	1.242	Level 2
17,300.00	7,156.26	17,182.32	7,086.92	180.34	179.56	80.99	1,145.85	11,494.38	436.50	81.75	354.76	1.230	Level 2
17,400.00	7,156.11	17,282.32	7,086.68	181.99	181.22	80.98	1,146.30	11,594.38	436.56	78.53	358.04	1.219	Level 2
17,500.00	7,155.97	17,382.32	7,086.45	183.65	182.88	80.97	1,146.74	11,694.38	436.63	75.31	361.31	1.208	Level 2
17,600.00	7,155.82	17,482.32	7,086.22	185.30	184.54	80.96	1,147.19	11,794.38	436.69	72.10	364.59	1.198	Level 2
17,700.00	7,155.68	17,582.32	7,085.98	186.96	186.20	80.95	1,147.64	11,894.37	436.75	68.88	367.87	1.187	Level 2
17,800.00	7,155.53	17,682.32	7,085.75	188.62	187.86	80.94	1,148.08	11,994.37	436.81	65.67	371.14	1.177	Level 2
17,900.00	7,155.38	17,782.32	7,085.52	190.27	189.52	80.93	1,148.53	12,094.37	436.87	62.45	374.42	1.167	Level 2
18,000.00	7,155.24	17,882.32	7,085.28	191.93	191.18	80.92	1,148.98	12,194.37	436.93	59.23	377.70	1.157	Level 2
18,100.00	7,155.09	17,982.32	7,085.05	193.59	192.84	80.91	1,149.43	12,294.37	436.99	56.01	380.98	1.147	Level 2
18,200.00	7,154.95	18,082.32	7,084.82	195.24	194.50	80.90	1,149.87	12,394.37	437.05	52.80	384.25	1.137	Level 2, SF
18,263.53	7,154.85	18,104.49	7,084.77	196.30	194.87	80.90	1,149.97	12,416.54	439.04	57.10	381.94	1.150	Level 2

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.26	-0.37	79.90	79.90				
100.00	100.00	101.00	99.00	3.28	3.28	90.26	-0.37	79.90	79.90	72.38	7.53	10.613	
200.00	200.00	201.00	199.00	3.31	3.31	90.26	-0.37	79.90	79.90	72.33	7.57	10.550	
277.16	277.15	275.79	275.79	3.34	3.34	44.83	-0.34	79.94	79.68	72.04	7.64	10.432 CC, ES	
300.00	300.00	298.13	298.12	3.35	3.35	44.66	-0.22	80.11	79.97	72.30	7.66	10.437	
400.00	399.95	395.88	395.83	3.42	3.41	44.91	1.46	82.56	80.35	72.57	7.78	10.322	
500.00	499.74	493.63	493.37	3.51	3.50	45.49	5.02	87.75	81.06	73.12	7.94	10.204	
600.00	599.24	591.36	590.63	3.62	3.61	46.40	10.47	95.68	82.12	73.98	8.14	10.085	
700.00	698.33	689.09	687.48	3.76	3.74	47.60	17.80	106.34	83.54	75.15	8.38	9.964	
800.00	796.90	786.79	783.83	3.93	3.91	49.08	26.99	119.71	85.34	76.67	8.68	9.836	
900.00	894.81	884.48	879.55	4.14	4.11	50.78	38.03	135.78	87.57	78.54	9.03	9.698	
1,000.00	991.96	982.85	974.52	4.40	4.36	52.67	50.91	154.52	90.26	80.80	9.46	9.544	
1,100.00	1,088.23	1,082.02	1,071.23	4.71	4.66	55.50	65.03	175.06	92.24	82.24	10.00	9.220	
1,200.00	1,183.49	1,181.74	1,167.80	5.07	4.98	60.06	79.12	195.56	92.66	82.00	10.67	8.687	
1,219.48	1,201.94	1,201.14	1,186.59	5.15	5.04	61.13	81.86	199.55	92.65	81.84	10.81	8.571	
1,300.00	1,278.18	1,281.34	1,264.25	5.48	5.32	65.56	93.20	216.05	92.89	81.46	11.43	8.124	
1,400.00	1,372.87	1,380.94	1,360.70	5.91	5.69	70.99	107.28	236.53	93.98	81.70	12.28	7.654	
1,500.00	1,467.57	1,480.53	1,457.14	6.37	6.07	76.25	121.35	257.01	95.89	82.72	13.17	7.278	
1,600.00	1,562.26	1,580.13	1,553.59	6.85	6.46	81.26	135.43	277.49	98.58	84.47	14.11	6.987	
1,700.00	1,656.95	1,679.73	1,650.04	7.34	6.86	85.97	149.51	297.97	101.98	86.92	15.06	6.770	
1,800.00	1,751.65	1,779.33	1,746.49	7.85	7.27	90.36	163.59	318.46	106.04	90.01	16.02	6.617	
1,900.00	1,846.34	1,878.93	1,842.94	8.13	7.54	94.40	177.66	338.94	110.67	94.44	16.23	6.819	
2,000.00	1,941.03	1,978.53	1,939.39	8.21	7.64	98.10	191.74	359.42	115.80	99.39	16.41	7.056	
2,100.00	2,035.73	2,078.13	2,035.83	8.32	7.71	101.48	205.82	379.90	121.38	104.80	16.58	7.321	
2,200.00	2,130.42	2,177.73	2,132.28	8.45	7.81	104.55	219.89	400.39	127.34	110.57	16.77	7.591	
2,300.00	2,225.11	2,277.33	2,228.73	8.60	7.92	107.34	233.97	420.87	133.64	116.64	17.00	7.863	
2,400.00	2,319.81	2,376.93	2,325.18	8.78	8.05	109.88	248.05	441.35	140.22	122.98	17.25	8.131	
2,500.00	2,414.50	2,476.52	2,421.63	8.97	8.20	112.18	262.13	461.83	147.06	129.53	17.53	8.391	
2,600.00	2,509.19	2,576.12	2,518.08	9.19	8.36	114.28	276.20	482.32	154.11	136.28	17.83	8.642	
2,700.00	2,603.88	2,675.72	2,614.52	9.42	8.54	116.19	290.28	502.80	161.35	143.18	18.17	8.880	
2,800.00	2,698.58	2,775.32	2,710.97	9.66	8.73	117.94	304.36	523.28	168.75	150.22	18.53	9.105	
2,900.00	2,793.27	2,874.92	2,807.42	9.93	8.94	119.54	318.44	543.76	176.30	157.37	18.92	9.316	
3,000.00	2,887.96	2,974.52	2,903.87	10.20	9.16	121.01	332.51	564.24	183.97	164.63	19.34	9.513	
3,100.00	2,982.66	3,074.12	3,000.32	10.49	9.39	122.35	346.59	584.73	191.75	171.97	19.78	9.696	
3,200.00	3,077.35	3,173.72	3,096.77	10.79	9.63	123.60	360.67	605.21	199.63	179.39	20.24	9.864	
3,300.00	3,172.04	3,273.32	3,193.21	11.10	9.87	124.75	374.74	625.69	207.59	186.87	20.72	10.020	
3,400.00	3,266.74	3,372.92	3,289.66	11.42	10.13	125.81	388.82	646.17	215.64	194.42	21.22	10.162	
3,500.00	3,361.43	3,472.52	3,386.11	11.75	10.40	126.80	402.90	666.66	223.75	202.01	21.74	10.293	
3,600.00	3,456.12	3,572.11	3,482.56	12.09	10.68	127.71	416.98	687.14	231.92	209.65	22.27	10.412	
3,700.00	3,550.81	3,671.71	3,579.01	12.44	10.96	128.57	431.05	707.62	240.15	217.32	22.82	10.521	
3,800.00	3,645.51	3,771.31	3,675.46	12.79	11.25	129.37	445.13	728.10	248.42	225.03	23.39	10.621	
3,900.00	3,740.20	3,870.91	3,771.90	13.15	11.54	130.11	459.21	748.59	256.75	232.78	23.97	10.712	
4,000.00	3,834.89	3,970.51	3,868.35	13.52	11.84	130.81	473.28	769.07	265.11	240.55	24.56	10.795	
4,100.00	3,929.59	4,070.11	3,964.80	13.89	12.15	131.47	487.36	789.55	273.51	248.35	25.16	10.870	
4,200.00	4,024.28	4,169.71	4,061.25	14.26	12.46	132.09	501.44	810.03	281.94	256.17	25.77	10.939	
4,300.00	4,118.97	4,269.31	4,157.70	14.65	12.77	132.67	515.52	830.52	290.40	264.01	26.40	11.001	
4,400.00	4,213.67	4,368.91	4,254.15	15.03	13.09	133.22	529.59	851.00	298.90	271.87	27.03	11.058	
4,500.00	4,308.36	4,468.51	4,350.59	15.42	13.42	133.74	543.67	871.48	307.41	279.74	27.67	11.110	
4,600.00	4,403.05	4,568.11	4,447.04	15.81	13.74	134.23	557.75	891.96	315.95	287.64	28.32	11.158	
4,700.00	4,497.74	4,667.70	4,543.49	16.21	14.08	134.69	571.83	912.44	324.52	295.55	28.97	11.201	
4,800.00	4,592.44	4,767.30	4,639.94	16.61	14.41	135.13	585.90	932.93	333.10	303.47	29.63	11.240	
4,900.00	4,687.13	4,866.90	4,736.39	17.01	14.75	135.55	599.98	953.41	341.70	311.40	30.30	11.276	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,000.00	4,781.82	4,966.50	4,832.84	17.42	15.09	135.95	614.06	973.89	350.32	319.34	30.98	11.309	
5,100.00	4,876.52	5,066.10	4,929.28	17.83	15.43	136.33	628.13	994.37	358.96	327.30	31.66	11.339	
5,200.00	4,971.21	5,165.70	5,025.73	18.24	15.77	136.69	642.21	1,014.86	367.61	335.26	32.34	11.366	
5,300.00	5,065.90	5,265.30	5,122.18	18.65	16.12	137.03	656.29	1,035.34	376.27	343.24	33.03	11.391	
5,400.00	5,160.60	5,364.90	5,218.63	19.07	16.47	137.36	670.37	1,055.82	384.95	351.22	33.73	11.414	
5,500.00	5,255.29	5,464.50	5,315.08	19.48	16.82	137.68	684.44	1,076.30	393.64	359.21	34.42	11.435	
5,600.00	5,349.98	5,564.10	5,411.53	19.90	17.17	137.98	698.52	1,096.79	402.34	367.21	35.13	11.454	
5,700.00	5,444.67	5,663.70	5,507.97	20.32	17.52	138.27	712.60	1,117.27	411.05	375.21	35.83	11.471	
5,800.00	5,539.37	5,763.29	5,604.42	20.74	17.88	138.54	726.67	1,137.75	419.77	383.22	36.54	11.487	
5,900.00	5,634.06	5,862.89	5,700.87	21.17	18.24	138.81	740.75	1,158.23	428.50	391.24	37.26	11.502	
6,000.00	5,728.75	5,962.49	5,797.32	21.59	18.60	139.06	754.83	1,178.72	437.23	399.26	37.97	11.515	
6,100.00	5,823.45	6,062.09	5,893.77	22.02	18.96	139.31	768.91	1,199.20	445.98	407.29	38.69	11.527	
6,200.00	5,918.14	6,161.69	5,990.22	22.45	19.32	139.54	782.98	1,219.68	454.73	415.32	39.41	11.538	
6,300.00	6,012.83	6,261.29	6,086.66	22.88	19.68	139.77	797.06	1,240.16	463.50	423.36	40.14	11.548	
6,400.00	6,107.53	6,360.89	6,183.11	23.31	20.04	139.98	811.14	1,260.64	472.26	431.40	40.86	11.558	
6,500.00	6,202.22	6,460.49	6,279.56	23.74	20.41	140.19	825.22	1,281.13	481.04	439.45	41.59	11.566	
6,600.00	6,296.91	6,560.09	6,376.01	24.17	20.78	140.40	839.29	1,301.61	489.82	447.50	42.32	11.574	
6,700.00	6,391.60	6,659.69	6,472.46	24.60	21.14	140.59	853.37	1,322.09	498.61	455.55	43.05	11.581	
6,800.00	6,486.30	6,759.29	6,568.91	25.04	21.51	140.78	867.45	1,342.57	507.40	463.61	43.79	11.587	
6,900.00	6,580.99	6,858.88	6,665.35	25.47	21.88	140.96	881.52	1,363.06	516.20	471.67	44.53	11.593	
7,000.00	6,675.68	6,963.38	6,765.25	25.91	22.30	140.56	895.93	1,389.78	524.63	479.22	45.40	11.555	
7,100.00	6,769.01	7,066.82	6,858.76	26.37	22.83	126.53	908.87	1,431.78	532.59	486.01	46.58	11.435	
7,200.00	6,857.00	7,167.83	6,942.49	26.93	23.46	115.92	919.90	1,486.99	541.00	493.04	47.95	11.282	
7,300.00	6,937.46	7,266.61	7,015.09	27.60	24.18	108.85	928.88	1,553.23	549.66	500.15	49.50	11.103	
7,400.00	7,008.38	7,363.36	7,075.59	28.37	24.99	103.72	935.74	1,628.29	558.33	507.13	51.20	10.905	
7,500.00	7,068.02	7,458.28	7,123.40	29.23	25.86	99.80	940.44	1,710.06	566.73	513.73	53.00	10.693	
7,600.00	7,114.92	7,551.60	7,158.22	30.17	26.80	96.75	943.01	1,796.51	574.61	519.74	54.87	10.471	
7,700.00	7,147.92	7,643.53	7,179.97	31.17	27.78	94.39	943.49	1,885.75	581.71	524.92	56.78	10.245	
7,800.00	7,166.21	7,734.29	7,188.77	32.22	28.78	92.66	941.97	1,975.99	587.78	529.10	58.68	10.017	
7,900.00	7,169.96	7,832.03	7,188.72	33.29	29.88	91.91	938.85	2,073.67	592.23	531.38	60.85	9.733	
8,000.00	7,169.81	7,931.96	7,188.36	34.40	31.06	91.88	935.62	2,173.55	595.94	532.75	63.19	9.431	
8,100.00	7,169.67	8,031.89	7,188.00	35.55	32.27	91.85	932.39	2,273.43	599.66	534.04	65.62	9.138	
8,200.00	7,169.52	8,131.82	7,187.64	36.73	33.53	91.81	929.16	2,373.30	603.38	535.25	68.13	8.856	
8,300.00	7,169.38	8,231.75	7,187.28	37.96	34.82	91.78	925.93	2,473.18	607.10	536.39	70.71	8.585	
8,400.00	7,169.23	8,331.68	7,186.92	39.21	36.14	91.75	922.70	2,573.06	610.82	537.46	73.36	8.327	
8,500.00	7,169.08	8,431.61	7,186.57	40.50	37.48	91.72	919.47	2,672.94	614.54	538.49	76.05	8.080	
8,600.00	7,168.94	8,531.54	7,186.21	41.81	38.86	91.69	916.24	2,772.81	618.26	539.46	78.80	7.846	
8,700.00	7,168.79	8,631.47	7,185.85	43.15	40.25	91.66	913.01	2,872.69	621.98	540.39	81.59	7.623	
8,800.00	7,168.65	8,731.40	7,185.49	44.51	41.67	91.63	909.78	2,972.57	625.70	541.28	84.42	7.412	
8,900.00	7,168.50	8,831.33	7,185.13	45.89	43.10	91.60	906.55	3,072.45	629.42	542.13	87.29	7.211	
9,000.00	7,168.36	8,931.26	7,184.77	47.29	44.55	91.57	903.31	3,172.32	633.14	542.95	90.19	7.020	
9,100.00	7,168.21	9,031.19	7,184.41	48.70	46.02	91.55	900.08	3,272.20	636.86	543.74	93.12	6.839	
9,200.00	7,168.06	9,131.12	7,184.06	50.13	47.50	91.52	896.85	3,372.08	640.58	544.50	96.08	6.667	
9,300.00	7,167.92	9,231.05	7,183.70	51.58	48.99	91.49	893.62	3,471.96	644.30	545.24	99.06	6.504	
9,400.00	7,167.77	9,330.98	7,183.34	53.04	50.49	91.46	890.39	3,571.83	648.02	545.95	102.07	6.349	
9,500.00	7,167.63	9,430.91	7,182.98	54.51	52.01	91.44	887.16	3,671.71	651.74	546.65	105.09	6.202	
9,600.00	7,167.48	9,537.37	7,182.60	55.99	53.63	91.41	883.86	3,778.12	655.35	546.94	108.41	6.045	
9,700.00	7,167.34	9,656.22	7,182.17	57.48	55.45	91.38	883.44	3,896.96	656.12	543.88	112.24	5.846	
9,800.00	7,167.19	9,756.22	7,181.81	58.98	56.99	91.36	884.08	3,996.96	655.97	540.65	115.32	5.688	
9,900.00	7,167.04	9,856.22	7,181.45	60.49	58.55	91.35	884.72	4,096.96	655.82	537.40	118.42	5.538	
10,000.00	7,166.90	9,956.22	7,181.09	62.01	60.11	91.33	885.36	4,196.95	655.67	534.14	121.53	5.395	
10,100.00	7,166.75	10,056.22	7,180.73	63.54	61.68	91.31	885.99	4,296.95	655.52	530.87	124.65	5.259	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,166.61	10,156.22	7,180.37	65.07	63.25	91.29	886.63	4,396.95	655.37	527.58	127.79	5.129	
10,300.00	7,166.46	10,256.22	7,180.02	66.61	64.82	91.27	887.27	4,496.94	655.22	524.29	130.93	5.004	
10,400.00	7,166.32	10,356.22	7,179.66	68.16	66.41	91.25	887.91	4,596.94	655.07	520.99	134.09	4.885	
10,500.00	7,166.17	10,456.22	7,179.30	69.71	67.99	91.24	888.55	4,696.94	654.92	517.68	137.25	4.772	
10,600.00	7,166.02	10,556.22	7,178.94	71.26	69.58	91.22	889.19	4,796.93	654.77	514.36	140.42	4.663	
10,700.00	7,165.88	10,656.22	7,178.58	72.83	71.18	91.20	889.83	4,896.93	654.63	511.03	143.60	4.559	
10,800.00	7,165.73	10,756.22	7,178.22	74.39	72.77	91.18	890.47	4,996.93	654.48	507.69	146.79	4.459	
10,900.00	7,165.59	10,856.22	7,177.86	75.97	74.37	91.16	891.11	5,096.93	654.33	504.35	149.98	4.363	
11,000.00	7,165.44	10,956.22	7,177.50	77.54	75.98	91.14	891.75	5,196.92	654.18	501.00	153.18	4.271	
11,100.00	7,165.29	11,056.22	7,177.14	79.12	77.58	91.13	892.39	5,296.92	654.03	497.65	156.38	4.182	
11,200.00	7,165.15	11,156.22	7,176.78	80.70	79.19	91.11	893.03	5,396.92	653.88	494.29	159.59	4.097	
11,300.00	7,165.00	11,256.21	7,176.42	82.29	80.80	91.09	893.66	5,496.91	653.74	490.92	162.81	4.015	
11,400.00	7,164.86	11,356.21	7,176.06	83.88	82.42	91.07	894.30	5,596.91	653.59	487.55	166.03	3.937	
11,500.00	7,164.71	11,456.21	7,175.71	85.47	84.03	91.05	894.94	5,696.91	653.44	484.18	169.26	3.861	
11,600.00	7,164.57	11,556.21	7,175.35	87.07	85.65	91.03	895.58	5,796.90	653.29	480.80	172.49	3.787	
11,700.00	7,164.42	11,656.21	7,174.99	88.67	87.27	91.01	896.22	5,896.90	653.14	477.42	175.72	3.717	
11,800.00	7,164.27	11,756.21	7,174.63	90.27	88.90	91.00	896.86	5,996.90	652.99	474.03	178.96	3.649	
11,900.00	7,164.13	11,856.21	7,174.27	91.87	90.52	90.98	897.50	6,096.90	652.85	470.64	182.20	3.583	
12,000.00	7,163.98	11,956.21	7,173.91	93.48	92.15	90.96	898.14	6,196.89	652.70	467.25	185.45	3.520	
12,100.00	7,163.84	12,056.21	7,173.55	95.09	93.77	90.94	898.78	6,296.89	652.55	463.85	188.70	3.458	
12,200.00	7,163.69	12,156.21	7,173.19	96.70	95.40	90.92	899.42	6,396.89	652.40	460.45	191.95	3.399	
12,300.00	7,163.55	12,256.21	7,172.83	98.31	97.03	90.90	900.06	6,496.88	652.26	457.05	195.21	3.341	
12,400.00	7,163.40	12,356.21	7,172.47	99.93	98.66	90.89	900.70	6,596.88	652.11	453.64	198.47	3.286	
12,500.00	7,163.25	12,456.21	7,172.11	101.54	100.30	90.87	901.33	6,696.88	651.96	450.23	201.73	3.232	
12,600.00	7,163.11	12,556.21	7,171.75	103.16	101.93	90.85	901.97	6,796.87	651.81	446.82	204.99	3.180	
12,700.00	7,162.96	12,656.21	7,171.40	104.78	103.57	90.83	902.61	6,896.87	651.67	443.41	208.26	3.129	
12,800.00	7,162.82	12,756.21	7,171.04	106.41	105.20	90.81	903.25	6,996.87	651.52	439.99	211.52	3.080	
12,900.00	7,162.67	12,856.21	7,170.68	108.03	106.84	90.79	903.89	7,096.87	651.37	436.58	214.79	3.033	
13,000.00	7,162.53	12,956.21	7,170.32	109.65	108.48	90.77	904.53	7,196.86	651.22	433.16	218.07	2.986	
13,100.00	7,162.38	13,056.21	7,169.96	111.28	110.12	90.76	905.17	7,296.86	651.08	429.74	221.34	2.941	
13,200.00	7,162.23	13,156.21	7,169.60	112.91	111.76	90.74	905.81	7,396.86	650.93	426.31	224.62	2.898	
13,300.00	7,162.09	13,256.21	7,169.24	114.54	113.40	90.72	906.45	7,496.85	650.78	422.89	227.90	2.856	
13,400.00	7,161.94	13,356.21	7,168.88	116.17	115.05	90.70	907.09	7,596.85	650.64	419.46	231.18	2.814	
13,500.00	7,161.80	13,456.21	7,168.52	117.80	116.69	90.68	907.73	7,696.85	650.49	416.03	234.46	2.774	
13,600.00	7,161.65	13,556.21	7,168.16	119.43	118.33	90.66	908.37	7,796.84	650.34	412.60	237.74	2.735	
13,700.00	7,161.51	13,656.21	7,167.80	121.06	119.98	90.64	909.00	7,896.84	650.20	409.17	241.03	2.698	
13,800.00	7,161.36	13,756.21	7,167.44	122.70	121.63	90.62	909.64	7,996.84	650.05	405.73	244.32	2.661	
13,900.00	7,161.21	13,856.21	7,167.09	124.33	123.27	90.61	910.28	8,096.83	649.90	402.30	247.61	2.625	
14,000.00	7,161.07	13,956.21	7,166.73	125.97	124.92	90.59	910.92	8,196.83	649.76	398.86	250.89	2.590	
14,100.00	7,160.92	14,056.21	7,166.37	127.61	126.57	90.57	911.56	8,296.83	649.61	395.43	254.19	2.556	
14,200.00	7,160.78	14,156.21	7,166.01	129.24	128.22	90.55	912.20	8,396.83	649.46	391.99	257.48	2.522	
14,300.00	7,160.63	14,256.21	7,165.65	130.88	129.86	90.53	912.84	8,496.82	649.32	388.55	260.77	2.490	
14,400.00	7,160.49	14,356.20	7,165.29	132.52	131.51	90.51	913.48	8,596.82	649.17	385.11	264.07	2.458	
14,500.00	7,160.34	14,456.20	7,164.93	134.16	133.16	90.49	914.12	8,696.82	649.03	381.66	267.36	2.428	
14,600.00	7,160.19	14,556.20	7,164.57	135.80	134.81	90.47	914.76	8,796.81	648.88	378.22	270.66	2.397	
14,700.00	7,160.05	14,656.20	7,164.21	137.45	136.47	90.46	915.40	8,896.81	648.73	374.78	273.96	2.368	
14,800.00	7,159.90	14,756.20	7,163.85	139.09	138.12	90.44	916.04	8,996.81	648.59	371.33	277.26	2.339	
14,900.00	7,159.76	14,856.20	7,163.49	140.73	139.77	90.42	916.67	9,096.80	648.44	367.89	280.56	2.311	
15,000.00	7,159.61	14,956.20	7,163.13	142.38	141.42	90.40	917.31	9,196.80	648.30	364.44	283.86	2.284	
15,100.00	7,159.47	15,056.20	7,162.78	144.02	143.08	90.38	917.95	9,296.80	648.15	360.99	287.16	2.257	
15,200.00	7,159.32	15,156.20	7,162.42	145.67	144.73	90.36	918.59	9,396.80	648.01	357.54	290.46	2.231	
15,300.00	7,159.17	15,256.20	7,162.06	147.31	146.38	90.34	919.23	9,496.79	647.86	354.09	293.77	2.205	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,400.00	7,159.03	15,356.20	7,161.70	148.96	148.04	90.32	919.87	9,596.79	647.71	350.64	297.07	2.180	
15,500.00	7,158.88	15,456.20	7,161.34	150.61	149.69	90.31	920.51	9,696.79	647.57	347.19	300.38	2.156	
15,600.00	7,158.74	15,556.20	7,160.98	152.26	151.35	90.29	921.15	9,796.78	647.42	343.74	303.68	2.132	
15,700.00	7,158.59	15,656.20	7,160.62	153.90	153.00	90.27	921.79	9,896.78	647.28	340.29	306.99	2.108	
15,800.00	7,158.44	15,756.20	7,160.26	155.55	154.66	90.25	922.43	9,996.78	647.13	336.84	310.30	2.086	
15,900.00	7,158.30	15,856.20	7,159.90	157.20	156.31	90.23	923.07	10,096.77	646.99	333.39	313.60	2.063	
16,000.00	7,158.15	15,956.20	7,159.54	158.85	157.97	90.21	923.71	10,196.77	646.84	329.93	316.91	2.041	
16,100.00	7,158.01	16,056.20	7,159.18	160.50	159.63	90.19	924.34	10,296.77	646.70	326.48	320.22	2.020	
16,200.00	7,157.86	16,156.20	7,158.82	162.15	161.29	90.17	924.98	10,396.77	646.55	323.02	323.53	1.998	
16,300.00	7,157.72	16,256.20	7,158.47	163.80	162.94	90.16	925.62	10,496.76	646.41	319.57	326.84	1.978	
16,400.00	7,157.57	16,356.20	7,158.11	165.46	164.60	90.14	926.26	10,596.76	646.26	316.11	330.15	1.957	
16,500.00	7,157.42	16,456.20	7,157.75	167.11	166.26	90.12	926.90	10,696.76	646.12	312.65	333.46	1.938	
16,600.00	7,157.28	16,556.20	7,157.39	168.76	167.92	90.10	927.54	10,796.75	645.97	309.20	336.78	1.918	
16,700.00	7,157.13	16,656.20	7,157.03	170.41	169.58	90.08	928.18	10,896.75	645.83	305.74	340.09	1.899	
16,800.00	7,156.99	16,756.20	7,156.67	172.07	171.23	90.06	928.82	10,996.75	645.69	302.28	343.40	1.880	
16,900.00	7,156.84	16,856.20	7,156.31	173.72	172.89	90.04	929.46	11,096.74	645.54	298.83	346.72	1.862	
17,000.00	7,156.70	16,956.20	7,155.95	175.37	174.55	90.02	930.10	11,196.74	645.40	295.37	350.03	1.844	
17,100.00	7,156.55	17,056.20	7,155.59	177.03	176.21	90.00	930.74	11,296.74	645.25	291.91	353.34	1.826	
17,200.00	7,156.40	17,156.20	7,155.23	178.68	177.87	89.98	931.38	11,396.74	645.11	288.45	356.66	1.809	
17,300.00	7,156.26	17,256.20	7,154.87	180.34	179.53	89.97	932.01	11,496.73	644.96	284.99	359.98	1.792	
17,400.00	7,156.11	17,356.19	7,154.51	181.99	181.19	89.95	932.65	11,596.73	644.82	281.53	363.29	1.775	
17,500.00	7,155.97	17,456.19	7,154.16	183.65	182.85	89.93	933.29	11,696.73	644.68	278.07	366.61	1.758	
17,600.00	7,155.82	17,556.19	7,153.80	185.30	184.51	89.91	933.93	11,796.72	644.53	274.61	369.92	1.742	
17,700.00	7,155.68	17,656.19	7,153.44	186.96	186.18	89.89	934.57	11,896.72	644.39	271.15	373.24	1.726	
17,800.00	7,155.53	17,756.19	7,153.08	188.62	187.84	89.87	935.21	11,996.72	644.24	267.69	376.56	1.711	
17,900.00	7,155.38	17,856.19	7,152.72	190.27	189.50	89.85	935.85	12,096.71	644.10	264.23	379.88	1.696	
18,000.00	7,155.24	17,956.19	7,152.36	191.93	191.16	89.83	936.49	12,196.71	643.96	260.76	383.19	1.681	
18,100.00	7,155.09	18,056.19	7,152.00	193.59	192.82	89.81	937.13	12,296.71	643.81	257.30	386.51	1.666	
18,200.00	7,154.95	18,156.19	7,151.64	195.24	194.48	89.79	937.77	12,396.71	643.67	253.84	389.83	1.651	
18,204.14	7,154.94	18,160.33	7,151.63	195.31	194.55	89.79	937.79	12,400.84	643.66	253.70	389.97	1.651 SF	
18,263.53	7,154.85	18,156.36	7,151.64	196.30	194.48	89.79	937.77	12,396.88	646.69	259.31	387.38	1.669	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.22	-5.07	1,319.66	1,319.67				
100.00	100.00	103.00	97.00	3.28	3.28	90.22	-5.07	1,319.66	1,319.67	1,312.14	7.53	175.274	
200.00	200.00	203.00	197.00	3.31	3.31	90.22	-5.07	1,319.66	1,319.67	1,312.10	7.57	174.216	
300.00	300.00	283.56	283.56	3.35	3.34	44.62	-4.97	1,319.83	1,319.76	1,312.10	7.65	172.428	
400.00	399.95	354.96	354.94	3.42	3.38	44.65	-4.13	1,321.34	1,319.75	1,311.99	7.76	170.128	
500.00	499.74	426.37	426.26	3.51	3.44	44.72	-2.40	1,324.39	1,319.42	1,311.53	7.89	167.237	
600.00	599.24	500.00	499.68	3.62	3.51	44.83	0.28	1,329.16	1,318.79	1,310.73	8.05	163.739	
700.00	698.33	569.21	568.55	3.76	3.58	44.98	3.65	1,335.14	1,317.84	1,309.60	8.25	159.810	
800.00	796.90	640.65	639.44	3.93	3.67	45.18	7.99	1,342.83	1,316.61	1,308.13	8.48	155.323	
900.00	894.81	712.11	710.11	4.14	3.78	45.42	13.19	1,352.06	1,315.09	1,306.34	8.75	150.361	
1,000.00	991.96	783.59	780.51	4.40	3.91	45.70	19.26	1,362.83	1,313.31	1,304.25	9.06	144.938	
1,100.00	1,088.23	870.78	866.04	4.71	4.09	46.10	27.56	1,377.56	1,310.94	1,301.48	9.47	138.472	
1,200.00	1,183.49	969.94	963.28	5.07	4.32	46.69	37.10	1,394.49	1,306.46	1,296.49	9.97	131.055	
1,300.00	1,278.18	1,068.89	1,060.31	5.48	4.58	47.28	46.62	1,411.38	1,300.84	1,290.31	10.53	123.591	
1,400.00	1,372.87	1,167.83	1,157.33	5.91	4.85	47.87	56.14	1,428.27	1,295.36	1,284.23	11.12	116.444	
1,500.00	1,467.57	1,266.77	1,254.35	6.37	5.15	48.46	65.66	1,445.16	1,290.02	1,278.25	11.76	109.690	
1,600.00	1,562.26	1,365.71	1,351.38	6.85	5.45	49.06	75.17	1,462.05	1,284.82	1,272.38	12.43	103.360	
1,700.00	1,656.95	1,464.65	1,448.40	7.34	5.77	49.66	84.69	1,478.94	1,279.76	1,266.63	13.12	97.511	
1,800.00	1,751.65	1,563.59	1,545.42	7.85	6.10	50.27	94.21	1,495.83	1,274.85	1,261.00	13.85	92.073	
1,900.00	1,846.34	1,662.53	1,642.45	8.13	6.44	50.88	103.73	1,512.72	1,270.08	1,255.90	14.18	89.540	
2,000.00	1,941.03	1,761.47	1,739.47	8.21	6.78	51.50	113.25	1,529.61	1,265.47	1,250.91	14.56	86.924	
2,100.00	2,035.73	1,860.42	1,836.49	8.32	7.04	52.12	122.76	1,546.50	1,261.00	1,246.30	14.71	85.747	
2,200.00	2,130.42	1,959.36	1,933.52	8.45	7.14	52.74	132.28	1,563.39	1,256.69	1,241.77	14.92	84.227	
2,300.00	2,225.11	2,058.30	2,030.54	8.60	7.20	53.37	141.80	1,580.28	1,252.53	1,237.41	15.12	82.859	
2,400.00	2,319.81	2,157.24	2,127.56	8.78	7.27	54.01	151.32	1,597.17	1,248.52	1,233.17	15.35	81.333	
2,500.00	2,414.50	2,256.18	2,224.59	8.97	7.35	54.64	160.84	1,614.06	1,244.67	1,229.05	15.62	79.674	
2,600.00	2,509.19	2,355.12	2,321.61	9.19	7.46	55.28	170.36	1,630.95	1,240.98	1,225.05	15.93	77.909	
2,700.00	2,603.88	2,454.06	2,418.63	9.42	7.57	55.93	179.87	1,647.84	1,237.45	1,221.18	16.27	76.063	
2,800.00	2,698.58	2,553.01	2,515.66	9.66	7.70	56.58	189.39	1,664.73	1,234.08	1,217.44	16.64	74.161	
2,900.00	2,793.27	2,651.95	2,612.68	9.93	7.85	57.23	198.91	1,681.62	1,230.87	1,213.82	17.04	72.225	
3,000.00	2,887.96	2,750.89	2,709.70	10.20	8.00	57.88	208.43	1,698.51	1,227.82	1,210.35	17.47	70.274	
3,100.00	2,982.66	2,849.83	2,806.73	10.49	8.17	58.54	217.95	1,715.40	1,224.94	1,207.01	17.93	68.327	
3,200.00	3,077.35	2,948.77	2,903.75	10.79	8.35	59.20	227.46	1,732.29	1,222.22	1,203.81	18.41	66.396	
3,300.00	3,172.04	3,047.71	3,000.77	11.10	8.54	59.87	236.98	1,749.18	1,219.67	1,200.76	18.91	64.495	
3,400.00	3,266.74	3,146.65	3,097.80	11.42	8.74	60.53	246.50	1,766.07	1,217.29	1,197.85	19.44	62.632	
3,500.00	3,361.43	3,245.59	3,194.82	11.75	8.95	61.20	256.02	1,782.96	1,215.07	1,195.09	19.98	60.816	
3,600.00	3,456.12	3,344.54	3,291.84	12.09	9.17	61.87	265.54	1,799.85	1,213.03	1,192.49	20.54	59.052	
3,700.00	3,550.81	3,443.48	3,388.87	12.44	9.39	62.55	275.05	1,816.74	1,211.15	1,190.03	21.12	57.343	
3,800.00	3,645.51	3,542.42	3,485.89	12.79	9.62	63.22	284.57	1,833.63	1,209.45	1,187.74	21.72	55.693	
3,900.00	3,740.20	3,641.36	3,582.91	13.15	9.86	63.90	294.09	1,850.52	1,207.92	1,185.59	22.33	54.102	
4,000.00	3,834.89	3,740.30	3,679.94	13.52	10.11	64.58	303.61	1,867.41	1,206.56	1,183.61	22.95	52.573	
4,100.00	3,929.59	3,839.24	3,776.96	13.89	10.36	65.26	313.13	1,884.30	1,205.38	1,181.79	23.59	51.105	
4,200.00	4,024.28	3,938.18	3,873.98	14.26	10.62	65.94	322.65	1,901.19	1,204.37	1,180.13	24.23	49.696	
4,300.00	4,118.97	4,037.12	3,971.01	14.65	10.88	66.62	332.16	1,918.08	1,203.53	1,178.64	24.89	48.347	
4,400.00	4,213.67	4,136.07	4,068.03	15.03	11.15	67.30	341.68	1,934.97	1,202.87	1,177.31	25.56	47.055	
4,500.00	4,308.36	4,235.01	4,165.05	15.42	11.42	67.99	351.20	1,951.86	1,202.38	1,176.14	26.24	45.820	
4,600.00	4,403.05	4,333.95	4,262.08	15.81	11.69	68.67	360.72	1,968.75	1,202.07	1,175.14	26.93	44.638	
4,700.00	4,497.74	4,432.89	4,359.10	16.21	11.97	69.36	370.24	1,985.64	1,201.93	1,174.31	27.63	43.509	
4,728.41	4,524.65	4,461.00	4,386.67	16.32	12.05	69.55	372.94	1,990.44	1,201.92	1,174.10	27.82	43.197	
4,800.00	4,592.44	4,531.83	4,456.12	16.61	12.26	70.04	379.75	2,002.53	1,201.97	1,173.64	28.33	42.430	
4,900.00	4,687.13	4,630.77	4,553.15	17.01	12.54	70.72	389.27	2,019.42	1,202.18	1,173.14	29.04	41.399	
5,000.00	4,781.82	4,729.71	4,650.17	17.42	12.83	71.41	398.79	2,036.31	1,202.57	1,172.81	29.76	40.414	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,876.52	4,828.66	4,747.19	17.83	13.12	72.09	408.31	2,053.20	1,203.13	1,172.65	30.48	39.473	
5,200.00	4,971.21	4,927.60	4,844.22	18.24	13.42	72.78	417.83	2,070.09	1,203.87	1,172.66	31.21	38.574	
5,300.00	5,065.90	5,026.54	4,941.24	18.65	13.71	73.46	427.35	2,086.98	1,204.78	1,172.84	31.94	37.716	
5,400.00	5,160.60	5,125.48	5,038.26	19.07	14.01	74.14	436.86	2,103.87	1,205.87	1,173.19	32.68	36.896	
5,500.00	5,255.29	5,224.42	5,135.29	19.48	14.32	74.82	446.38	2,120.76	1,207.13	1,173.70	33.43	36.112	
5,600.00	5,349.98	5,323.36	5,232.31	19.90	14.62	75.50	455.90	2,137.65	1,208.56	1,174.39	34.18	35.363	
5,700.00	5,444.67	5,422.30	5,329.33	20.32	14.93	76.17	465.42	2,154.54	1,210.17	1,175.24	34.93	34.647	
5,800.00	5,539.37	5,521.24	5,426.36	20.74	15.23	76.85	474.94	2,171.43	1,211.94	1,176.26	35.69	33.962	
5,900.00	5,634.06	5,620.19	5,523.38	21.17	15.54	77.52	484.45	2,188.32	1,213.89	1,177.45	36.44	33.308	
6,000.00	5,728.75	5,719.13	5,620.40	21.59	15.85	78.19	493.97	2,205.21	1,216.01	1,178.80	37.21	32.682	
6,100.00	5,823.45	5,818.07	5,717.43	22.02	16.17	78.86	503.49	2,222.10	1,218.30	1,180.32	37.97	32.083	
6,200.00	5,918.14	7,911.36	6,966.41	22.45	22.20	151.47	631.56	1,229.73	1,210.11	1,174.18	35.93	33.675	
6,300.00	6,012.83	7,886.17	6,967.01	22.88	21.97	149.88	631.50	1,254.91	1,141.40	1,104.46	36.94	30.899	
6,400.00	6,107.53	7,860.98	6,967.62	23.31	21.74	148.28	631.45	1,280.09	1,077.01	1,038.97	38.04	28.311	
6,500.00	6,202.22	7,835.79	6,968.22	23.74	21.52	146.65	631.39	1,305.27	1,017.76	978.53	39.23	25.945	
6,600.00	6,296.91	7,810.60	6,968.83	24.17	21.29	145.01	631.34	1,330.45	964.60	924.13	40.47	23.837	
6,700.00	6,391.60	7,785.41	6,969.44	24.60	21.08	143.35	631.28	1,355.63	918.59	876.86	41.73	22.015	
6,800.00	6,486.30	7,760.23	6,970.04	25.04	20.88	141.68	631.22	1,380.81	880.84	837.91	42.94	20.514	
6,900.00	6,580.99	7,735.04	6,970.65	25.47	20.68	140.00	631.17	1,406.00	852.47	808.45	44.02	19.367	
7,000.00	6,675.68	7,709.85	6,971.25	25.91	20.48	138.32	631.11	1,431.18	834.41	789.54	44.87	18.596	
7,100.00	6,769.01	7,679.71	6,971.98	26.37	20.27	124.91	631.05	1,461.31	827.45	782.01	45.44	18.211	
7,112.94	6,780.74	7,674.76	6,972.10	26.44	20.23	123.23	631.04	1,466.26	827.36	781.86	45.50	18.185 CC, ES	
7,200.00	6,857.00	7,635.29	6,973.05	26.93	19.96	113.56	630.95	1,505.71	831.06	785.35	45.71	18.180 SF	
7,300.00	6,937.46	7,577.43	6,974.44	27.60	19.60	104.45	630.82	1,563.56	842.86	797.07	45.79	18.406	
7,400.00	7,008.38	7,507.54	6,976.12	28.37	19.22	96.59	630.67	1,633.43	859.67	813.87	45.81	18.768	
7,500.00	7,068.02	7,436.69	6,976.91	29.23	18.91	90.18	630.42	1,704.26	878.41	832.55	45.86	19.156	
7,600.00	7,114.92	7,373.35	6,971.91	30.17	18.69	85.03	629.64	1,767.38	897.87	851.99	45.88	19.570	
7,700.00	7,147.92	7,311.49	6,961.02	31.17	18.52	80.75	628.28	1,828.23	917.00	871.10	45.90	19.979	
7,800.00	7,166.21	7,250.00	6,944.43	32.22	18.40	77.26	626.37	1,887.38	934.76	888.83	45.93	20.351	
7,900.00	7,169.96	7,191.14	6,923.30	33.29	18.33	74.93	624.03	1,942.25	950.57	904.59	45.98	20.672	
8,000.00	7,169.81	7,135.24	6,898.65	34.40	18.29	73.54	621.36	1,992.33	969.22	923.26	45.96	21.086	
8,100.00	7,169.67	7,084.25	6,872.42	35.55	18.28	72.09	618.57	2,035.95	992.89	947.06	45.83	21.666	
8,200.00	7,169.52	7,038.12	6,845.78	36.73	18.28	70.65	615.76	2,073.48	1,021.84	976.26	45.58	22.419	
8,300.00	7,169.38	7,000.00	6,821.76	37.96	18.29	69.38	613.25	2,102.97	1,056.19	1,010.96	45.24	23.349	
8,400.00	7,169.23	6,950.00	6,787.67	39.21	18.30	67.62	609.71	2,139.36	1,095.97	1,051.12	44.85	24.438	
8,500.00	7,169.08	6,925.96	6,770.30	40.50	18.31	66.74	607.92	2,155.87	1,140.79	1,096.38	44.40	25.691	
8,600.00	7,168.94	6,900.00	6,750.85	41.81	18.32	65.78	605.92	2,172.95	1,190.62	1,146.67	43.95	27.088	
8,700.00	7,168.79	6,869.11	6,726.83	43.15	18.33	64.62	603.46	2,192.21	1,245.02	1,201.51	43.50	28.618	
8,800.00	7,168.65	6,850.00	6,711.51	44.51	18.33	63.89	601.89	2,203.53	1,303.67	1,260.58	43.09	30.257	
8,900.00	7,168.50	6,823.05	6,689.35	45.89	18.34	62.86	599.63	2,218.70	1,366.12	1,323.44	42.68	32.010	
9,000.00	7,168.36	6,800.00	6,669.91	47.29	18.34	61.97	597.65	2,230.92	1,432.07	1,389.76	42.30	33.852	
9,100.00	7,168.21	6,800.00	6,669.91	48.70	18.34	61.97	597.65	2,230.92	1,501.32	1,459.28	42.03	35.717	
9,200.00	7,168.06	6,769.03	6,643.11	50.13	18.35	60.78	594.93	2,246.21	1,572.95	1,531.26	41.70	37.723	
9,300.00	7,167.92	6,750.00	6,626.29	51.58	18.35	60.05	593.23	2,254.94	1,647.31	1,605.88	41.43	39.761	
9,400.00	7,167.77	6,750.00	6,626.29	53.04	18.35	60.05	593.23	2,254.94	1,723.93	1,682.67	41.26	41.778	
9,500.00	7,167.63	6,727.96	6,606.50	54.51	18.34	59.21	591.22	2,264.42	1,802.39	1,761.35	41.04	43.918	
9,600.00	7,167.48	6,700.00	6,580.94	55.99	18.34	58.14	588.65	2,275.45	1,882.95	1,842.14	40.81	46.134	
9,700.00	7,167.34	6,700.00	6,580.94	57.48	18.34	58.14	588.65	2,275.45	1,964.62	1,923.89	40.73	48.238	
9,800.00	7,167.19	6,700.00	6,580.94	58.98	18.34	58.14	588.65	2,275.45	2,047.92	2,007.25	40.66	50.366	
9,900.00	7,167.04	6,700.00	6,580.94	60.49	18.34	58.14	588.65	2,275.45	2,132.65	2,092.03	40.61	52.514	
10,000.00	7,166.90	6,678.29	6,560.77	62.01	18.33	57.33	586.62	2,283.22	2,218.20	2,177.72	40.49	54.787	
10,100.00	7,166.75	6,670.37	6,553.35	63.54	18.33	57.03	585.87	2,285.89	2,304.95	2,264.52	40.44	57.002	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,166.61	6,650.00	6,534.12	65.07	18.32	56.27	583.94	2,292.31	2,392.79	2,352.44	40.35	59.306	
10,300.00	7,166.46	6,650.00	6,534.12	66.61	18.32	56.27	583.94	2,292.31	2,481.19	2,440.83	40.35	61.487	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	-2.00	3.28	3.28	90.22	-5.07	1,339.43	1,339.44				
100.00	100.00	102.00	98.00	3.28	3.28	90.22	-5.07	1,339.43	1,339.44	1,331.91	7.53	177.902	
200.00	200.00	202.00	198.00	3.31	3.31	90.22	-5.07	1,339.43	1,339.44	1,331.86	7.57	176.833	
300.00	300.00	284.91	284.91	3.35	3.34	44.62	-4.94	1,339.60	1,339.52	1,331.87	7.65	174.992	
400.00	399.95	357.65	357.63	3.42	3.39	44.64	-3.86	1,341.05	1,339.40	1,331.64	7.76	172.607	
500.00	499.74	430.40	430.28	3.51	3.44	44.69	-1.69	1,343.99	1,338.84	1,330.94	7.89	169.589	
600.00	599.24	500.00	499.68	3.62	3.51	44.78	1.42	1,348.19	1,337.83	1,329.77	8.06	166.072	
700.00	698.33	575.96	575.25	3.76	3.59	44.91	5.95	1,354.32	1,336.37	1,328.11	8.26	161.807	
800.00	796.90	648.79	647.50	3.93	3.69	45.07	11.42	1,361.70	1,334.49	1,325.99	8.50	157.091	
900.00	894.81	721.66	719.53	4.14	3.80	45.27	17.98	1,370.57	1,332.17	1,323.40	8.77	151.872	
1,000.00	991.96	800.00	796.63	4.40	3.94	45.52	26.24	1,381.74	1,329.46	1,320.35	9.11	145.981	
1,100.00	1,088.23	873.44	868.55	4.71	4.09	45.79	35.08	1,393.68	1,326.27	1,316.78	9.48	139.833	
1,200.00	1,183.49	972.89	965.81	5.07	4.33	46.26	47.41	1,410.34	1,321.32	1,311.32	9.99	132.203	
1,300.00	1,278.18	1,072.14	1,062.88	5.48	4.60	46.72	59.71	1,426.97	1,315.18	1,304.61	10.56	124.539	
1,400.00	1,372.87	1,171.39	1,159.95	5.91	4.88	47.19	72.02	1,443.59	1,309.12	1,297.95	11.17	117.208	
1,500.00	1,467.57	1,270.64	1,257.02	6.37	5.19	47.65	84.32	1,460.22	1,303.15	1,291.33	11.82	110.290	
1,600.00	1,562.26	1,369.89	1,354.09	6.85	5.51	48.12	96.63	1,476.85	1,297.27	1,284.77	12.50	103.819	
1,700.00	1,656.95	1,469.14	1,451.16	7.34	5.84	48.60	108.94	1,493.48	1,291.47	1,278.27	13.20	97.842	
1,800.00	1,751.65	1,568.39	1,548.23	7.85	6.18	49.08	121.24	1,510.10	1,285.77	1,271.84	13.93	92.295	
1,900.00	1,846.34	1,667.63	1,645.30	8.13	6.53	49.56	133.55	1,526.73	1,280.16	1,265.88	14.28	89.640	
2,000.00	1,941.03	1,766.88	1,742.37	8.21	6.89	50.05	145.85	1,543.36	1,274.64	1,259.97	14.67	86.905	
2,100.00	2,035.73	1,866.13	1,839.44	8.32	7.14	50.54	158.16	1,559.99	1,269.21	1,254.40	14.81	85.675	
2,200.00	2,130.42	1,965.38	1,936.51	8.45	7.24	51.03	170.46	1,576.62	1,263.88	1,248.86	15.02	84.137	
2,300.00	2,225.11	2,064.63	2,033.58	8.60	7.30	51.53	182.77	1,593.24	1,258.65	1,243.43	15.22	82.712	
2,400.00	2,319.81	2,163.88	2,130.65	8.78	7.38	52.04	195.07	1,609.87	1,253.51	1,238.06	15.45	81.125	
2,500.00	2,414.50	2,263.13	2,227.72	8.97	7.47	52.54	207.38	1,626.50	1,248.47	1,232.75	15.72	79.404	
2,600.00	2,509.19	2,362.38	2,324.79	9.19	7.58	53.06	219.68	1,643.13	1,243.53	1,227.51	16.03	77.576	
2,700.00	2,603.88	2,461.63	2,421.86	9.42	7.70	53.57	231.99	1,659.76	1,238.70	1,222.33	16.37	75.667	
2,800.00	2,698.58	2,560.88	2,518.93	9.66	7.84	54.09	244.29	1,676.38	1,233.96	1,217.22	16.74	73.702	
2,900.00	2,793.27	2,660.13	2,616.00	9.93	7.99	54.62	256.60	1,693.01	1,229.33	1,212.19	17.14	71.703	
3,000.00	2,887.96	2,759.38	2,713.07	10.20	8.15	55.14	268.91	1,709.64	1,224.80	1,207.23	17.58	69.690	
3,100.00	2,982.66	2,858.63	2,810.14	10.49	8.33	55.67	281.21	1,726.27	1,220.38	1,202.35	18.03	67.680	
3,200.00	3,077.35	2,957.88	2,907.21	10.79	8.52	56.21	293.52	1,742.90	1,216.07	1,197.56	18.51	65.688	
3,300.00	3,172.04	3,057.13	3,004.28	11.10	8.72	56.75	305.82	1,759.52	1,211.86	1,192.85	19.02	63.726	
3,400.00	3,266.74	3,156.38	3,101.35	11.42	8.92	57.29	318.13	1,776.15	1,207.77	1,188.22	19.54	61.803	
3,500.00	3,361.43	3,255.63	3,198.42	11.75	9.14	57.84	330.43	1,792.78	1,203.78	1,183.69	20.09	59.928	
3,600.00	3,456.12	3,354.88	3,295.49	12.09	9.37	58.39	342.74	1,809.41	1,199.90	1,179.25	20.65	58.105	
3,700.00	3,550.81	3,454.13	3,392.56	12.44	9.60	58.94	355.04	1,826.03	1,196.14	1,174.91	21.23	56.339	
3,800.00	3,645.51	3,553.37	3,489.63	12.79	9.84	59.50	367.35	1,842.66	1,192.49	1,170.66	21.83	54.632	
3,900.00	3,740.20	3,652.62	3,586.70	13.15	10.09	60.06	379.65	1,859.29	1,188.96	1,166.52	22.44	52.986	
4,000.00	3,834.89	3,751.87	3,683.77	13.52	10.35	60.62	391.96	1,875.92	1,185.54	1,162.47	23.06	51.402	
4,100.00	3,929.59	3,851.12	3,780.84	13.89	10.61	61.19	404.26	1,892.55	1,182.24	1,158.53	23.70	49.879	
4,200.00	4,024.28	3,950.37	3,877.91	14.26	10.87	61.75	416.57	1,909.17	1,179.05	1,154.70	24.35	48.417	
4,300.00	4,118.97	4,049.62	3,974.98	14.65	11.14	62.33	428.87	1,925.80	1,175.98	1,150.97	25.01	47.015	
4,400.00	4,213.67	4,148.87	4,072.05	15.03	11.42	62.90	441.18	1,942.43	1,173.04	1,147.35	25.68	45.671	
4,500.00	4,308.36	4,248.12	4,169.12	15.42	11.70	63.48	453.49	1,959.06	1,170.21	1,143.85	26.37	44.384	
4,600.00	4,403.05	4,347.37	4,266.19	15.81	11.98	64.06	465.79	1,975.69	1,167.51	1,140.45	27.06	43.152	
4,700.00	4,497.74	4,446.62	4,363.26	16.21	12.27	64.64	478.10	1,992.31	1,164.92	1,137.17	27.75	41.972	
4,800.00	4,592.44	4,545.87	4,460.33	16.61	12.56	65.23	490.40	2,008.94	1,162.46	1,134.00	28.46	40.843	
4,900.00	4,687.13	4,645.12	4,557.40	17.01	12.86	65.82	502.71	2,025.57	1,160.13	1,130.95	29.18	39.763	
5,000.00	4,781.82	4,744.37	4,654.47	17.42	13.16	66.41	515.01	2,042.20	1,157.91	1,128.02	29.90	38.730	
5,100.00	4,876.52	4,843.62	4,751.54	17.83	13.46	67.00	527.32	2,058.82	1,155.83	1,125.20	30.63	37.741	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	4,971.21	4,942.87	4,848.61	18.24	13.76	67.60	539.62	2,075.45	1,153.87	1,122.51	31.36	36.795	
5,300.00	5,065.90	5,042.12	4,945.67	18.65	14.07	68.19	551.93	2,092.08	1,152.03	1,119.93	32.10	35.890	
5,400.00	5,160.60	5,141.37	5,042.74	19.07	14.38	68.79	564.23	2,108.71	1,150.32	1,117.48	32.84	35.023	
5,500.00	5,255.29	5,240.62	5,139.81	19.48	14.69	69.39	576.54	2,125.34	1,148.74	1,115.15	33.60	34.194	
5,600.00	5,349.98	5,339.86	5,236.88	19.90	15.00	69.99	588.84	2,141.96	1,147.29	1,112.94	34.35	33.399	
5,700.00	5,444.67	5,439.11	5,333.95	20.32	15.31	70.59	601.15	2,158.59	1,145.97	1,110.86	35.11	32.639	
5,800.00	5,539.37	5,538.36	5,431.02	20.74	15.63	71.20	613.46	2,175.22	1,144.77	1,108.90	35.87	31.910	
5,900.00	5,634.06	5,637.61	5,528.09	21.17	15.95	71.80	625.76	2,191.85	1,143.71	1,107.07	36.64	31.212	
6,000.00	5,728.75	5,736.86	5,625.16	21.59	16.27	72.41	638.07	2,208.48	1,142.78	1,105.36	37.42	30.543	
6,100.00	5,823.45	5,836.11	5,722.23	22.02	16.59	73.02	650.37	2,225.10	1,141.97	1,103.78	38.19	29.902	
6,200.00	5,918.14	5,935.36	5,819.30	22.45	16.91	73.63	662.68	2,241.73	1,141.30	1,102.33	38.97	29.287	
6,300.00	6,012.83	6,034.61	5,916.37	22.88	17.24	74.24	674.98	2,258.36	1,140.75	1,101.00	39.75	28.697	
6,400.00	6,107.53	6,045.11	7,095.23	23.31	22.67	155.03	832.05	1,270.97	1,084.87	1,049.01	35.86	30.254	
6,500.00	6,202.22	8,019.32	7,096.01	23.74	22.43	153.07	831.99	1,296.74	1,010.06	973.16	36.90	27.371	
6,600.00	6,296.91	7,993.53	7,096.80	24.17	22.20	151.07	831.92	1,322.52	939.24	901.14	38.09	24.656	
6,700.00	6,391.60	7,967.75	7,097.59	24.60	21.99	149.03	831.86	1,348.29	873.37	833.93	39.44	22.146	
6,800.00	6,486.30	7,941.96	7,098.37	25.04	21.78	146.96	831.79	1,374.07	813.67	772.77	40.91	19.890	
6,900.00	6,580.99	7,916.17	7,099.16	25.47	21.56	144.86	831.73	1,399.84	761.59	719.14	42.45	17.941	
7,000.00	6,675.68	7,909.62	7,099.95	25.91	21.51	142.74	831.66	1,425.62	718.78	674.66	44.12	16.292	
7,100.00	6,769.01	7,859.65	7,100.88	26.37	21.13	130.69	831.59	1,456.33	687.47	642.15	45.31	15.171	
7,200.00	6,857.00	7,814.69	7,102.25	26.93	20.81	120.62	831.47	1,501.28	669.36	623.06	46.30	14.458	
7,300.00	6,937.46	7,756.32	7,104.03	27.60	20.44	112.30	831.33	1,559.62	663.22	616.28	46.94	14.130	
7,311.09	6,945.83	7,749.08	7,104.26	27.69	20.40	111.42	831.31	1,566.86	663.17	616.17	47.00	14.111 CC, ES	
7,400.00	7,008.38	7,685.99	7,106.18	28.37	20.05	104.74	831.15	1,629.91	666.23	618.92	47.31	14.083 SF	
7,500.00	7,068.02	7,606.76	7,108.30	29.23	19.70	98.03	830.91	1,709.12	674.78	627.20	47.58	14.182	
7,600.00	7,114.92	7,530.72	7,103.82	30.17	19.48	92.35	829.85	1,784.96	686.28	638.51	47.77	14.365	
7,700.00	7,147.92	7,458.09	7,091.19	31.17	19.33	87.45	827.78	1,856.43	699.61	651.75	47.85	14.619	
7,800.00	7,166.21	7,388.05	7,071.44	32.22	19.26	83.30	824.83	1,923.52	713.66	665.81	47.86	14.912	
7,900.00	7,169.96	7,320.23	7,045.47	33.29	19.23	80.18	821.10	1,986.02	727.70	679.90	47.81	15.222	
8,000.00	7,169.81	7,257.78	7,015.84	34.40	19.24	77.95	816.96	2,040.81	745.61	698.03	47.58	15.670	
8,100.00	7,169.67	7,200.00	6,983.80	35.55	19.25	75.61	812.56	2,088.67	769.56	722.40	47.16	16.319	
8,200.00	7,169.52	7,150.00	6,952.70	36.73	19.28	73.41	808.33	2,127.58	800.02	753.48	46.55	17.188	
8,300.00	7,169.38	7,109.02	6,925.01	37.96	19.29	71.51	804.60	2,157.55	837.14	791.33	45.81	18.273	
8,400.00	7,169.23	7,070.65	6,897.41	39.21	19.31	69.67	800.90	2,183.92	880.78	835.74	45.03	19.558	
8,500.00	7,169.08	7,036.84	6,871.81	40.50	19.32	68.02	797.49	2,205.74	930.55	886.29	44.26	21.027	
8,600.00	7,168.94	7,000.00	6,842.65	41.81	19.33	66.21	793.62	2,227.92	986.00	942.50	43.50	22.667	
8,700.00	7,168.79	6,980.54	6,826.75	43.15	19.34	65.25	791.51	2,238.93	1,046.40	1,003.55	42.85	24.419	
8,800.00	7,168.65	6,950.00	6,801.14	44.51	19.34	63.74	788.14	2,255.22	1,111.38	1,069.14	42.23	26.315	
8,900.00	7,168.50	6,936.04	6,789.18	45.89	19.34	63.06	786.56	2,262.25	1,180.17	1,138.41	41.76	28.260	
9,000.00	7,168.36	6,917.23	6,772.83	47.29	19.34	62.14	784.41	2,271.29	1,252.44	1,211.10	41.34	30.297	
9,100.00	7,168.21	6,900.00	6,757.63	48.70	19.34	61.30	782.42	2,279.15	1,327.67	1,286.69	40.99	32.392	
9,200.00	7,168.06	6,885.01	6,744.24	50.13	19.33	60.57	780.66	2,285.65	1,405.49	1,364.79	40.70	34.529	
9,300.00	7,167.92	6,871.15	6,731.71	51.58	19.33	59.91	779.03	2,291.37	1,485.55	1,445.07	40.48	36.701	
9,400.00	7,167.77	6,850.00	6,712.38	53.04	19.32	58.91	776.50	2,299.57	1,567.63	1,527.38	40.25	38.951	
9,500.00	7,167.63	6,850.00	6,712.38	54.51	19.32	58.91	776.50	2,299.57	1,651.28	1,611.10	40.18	41.096	
9,600.00	7,167.48	6,850.00	6,712.38	55.99	19.32	58.91	776.50	2,299.57	1,736.65	1,696.51	40.14	43.261	
9,700.00	7,167.34	6,826.73	6,690.82	57.48	19.31	57.82	773.69	2,307.83	1,822.98	1,782.99	39.99	45.588	
9,800.00	7,167.19	6,817.78	6,682.44	58.98	19.31	57.41	772.60	2,310.80	1,910.64	1,870.70	39.94	47.836	
9,900.00	7,167.04	6,800.00	6,665.69	60.49	19.30	56.60	770.42	2,316.34	1,999.40	1,959.54	39.86	50.161	
10,000.00	7,166.90	6,800.00	6,665.69	62.01	19.30	56.60	770.42	2,316.34	2,088.90	2,049.00	39.90	52.355	
10,100.00	7,166.75	6,800.00	6,665.69	63.54	19.30	56.60	770.42	2,316.34	2,179.31	2,139.36	39.95	54.553	
10,200.00	7,166.61	6,800.00	6,665.69	65.07	19.30	56.60	770.42	2,316.34	2,270.52	2,230.51	40.01	56.753	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
10,300.00	7,166.46	6,800.00	6,665.69	66.61	19.30	56.60	770.42	2,316.34	2,362.45	2,322.37	40.07	58.953			
10,400.00	7,166.32	6,776.07	6,642.91	68.16	19.27	55.52	767.47	2,323.05	2,454.46	2,414.45	40.01	61.345			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	-2.00	3.28	3.28	90.23	-5.43	1,359.47	1,359.48				
100.00	100.00	102.00	98.00	3.28	3.28	90.23	-5.43	1,359.47	1,359.48	1,351.96	7.53	180.564	
200.00	200.00	202.00	198.00	3.31	3.31	90.23	-5.43	1,359.47	1,359.48	1,351.91	7.57	179.480	
300.00	300.00	285.59	285.58	3.35	3.34	44.63	-5.28	1,359.64	1,359.55	1,351.90	7.66	177.598	
400.00	399.95	359.72	359.70	3.42	3.39	44.64	-4.01	1,361.02	1,359.30	1,351.54	7.76	175.127	
500.00	499.74	433.87	433.74	3.51	3.45	44.69	-1.45	1,363.83	1,358.48	1,350.58	7.90	171.979	
600.00	599.24	508.04	507.69	3.62	3.52	44.76	2.41	1,368.04	1,357.07	1,349.00	8.07	168.209	
700.00	698.33	582.24	581.50	3.76	3.60	44.87	7.56	1,373.67	1,355.08	1,346.81	8.27	163.834	
800.00	796.90	656.49	655.13	3.93	3.70	45.00	14.01	1,380.72	1,352.53	1,344.02	8.51	158.885	
900.00	894.81	730.79	728.54	4.14	3.81	45.17	21.74	1,389.17	1,349.41	1,340.61	8.80	153.406	
1,000.00	991.96	805.17	801.70	4.40	3.95	45.37	30.77	1,399.04	1,345.73	1,336.61	9.13	147.445	
1,100.00	1,088.23	879.62	874.56	4.71	4.11	45.59	41.09	1,410.32	1,341.50	1,331.99	9.51	141.023	
1,200.00	1,183.49	973.20	965.78	5.07	4.34	45.93	55.21	1,425.75	1,336.20	1,326.19	10.01	133.443	
1,300.00	1,278.18	1,072.69	1,062.73	5.48	4.61	46.27	70.25	1,442.20	1,329.71	1,319.12	10.59	125.574	
1,400.00	1,372.87	1,172.17	1,159.69	5.91	4.91	46.61	85.30	1,458.65	1,323.27	1,312.06	11.21	118.054	
1,500.00	1,467.57	1,271.65	1,256.64	6.37	5.22	46.95	100.35	1,475.10	1,316.88	1,305.01	11.87	110.966	
1,600.00	1,562.26	1,371.14	1,353.59	6.85	5.56	47.30	115.40	1,491.55	1,310.53	1,297.97	12.56	104.347	
1,700.00	1,656.95	1,470.62	1,450.55	7.34	5.90	47.64	130.45	1,508.00	1,304.23	1,290.96	13.28	98.243	
1,800.00	1,751.65	1,570.11	1,547.50	7.85	6.26	48.00	145.50	1,524.45	1,297.98	1,283.96	14.02	92.588	
1,900.00	1,846.34	1,669.59	1,644.45	8.13	6.63	48.35	160.54	1,540.90	1,291.78	1,277.40	14.38	89.818	
2,000.00	1,941.03	1,769.07	1,741.41	8.21	7.00	48.71	175.59	1,557.35	1,285.63	1,270.85	14.78	86.973	
2,100.00	2,035.73	1,868.56	1,838.36	8.32	7.26	49.07	190.64	1,573.80	1,279.53	1,264.60	14.93	85.677	
2,200.00	2,130.42	1,968.04	1,935.31	8.45	7.37	49.44	205.69	1,590.25	1,273.49	1,258.35	15.14	84.118	
2,300.00	2,225.11	2,067.53	2,032.27	8.60	7.43	49.80	220.74	1,606.70	1,267.49	1,252.16	15.33	82.659	
2,400.00	2,319.81	2,167.01	2,129.22	8.78	7.51	50.18	235.79	1,623.14	1,261.55	1,245.98	15.57	81.036	
2,500.00	2,414.50	2,266.49	2,226.18	8.97	7.61	50.55	250.84	1,639.59	1,255.66	1,239.82	15.84	79.277	
2,600.00	2,509.19	2,365.98	2,323.13	9.19	7.73	50.93	265.88	1,656.04	1,249.83	1,233.68	16.15	77.409	
2,700.00	2,603.88	2,465.46	2,420.08	9.42	7.86	51.31	280.93	1,672.49	1,244.05	1,227.56	16.49	75.458	
2,800.00	2,698.58	2,564.94	2,517.04	9.66	8.01	51.70	295.98	1,688.94	1,238.33	1,221.47	16.86	73.451	
2,900.00	2,793.27	2,664.43	2,613.99	9.93	8.17	52.09	311.03	1,705.39	1,232.66	1,215.40	17.26	71.409	
3,000.00	2,887.96	2,763.91	2,710.94	10.20	8.34	52.48	326.08	1,721.84	1,227.05	1,209.36	17.69	69.353	
3,100.00	2,982.66	2,863.40	2,807.90	10.49	8.53	52.88	341.13	1,738.29	1,221.51	1,203.36	18.15	67.300	
3,200.00	3,077.35	2,962.88	2,904.85	10.79	8.73	53.28	356.17	1,754.74	1,216.02	1,197.38	18.63	65.266	
3,300.00	3,172.04	3,062.36	3,001.80	11.10	8.93	53.68	371.22	1,771.19	1,210.59	1,191.45	19.14	63.261	
3,400.00	3,266.74	3,161.85	3,098.76	11.42	9.15	54.09	386.27	1,787.64	1,205.22	1,185.56	19.66	61.296	
3,500.00	3,361.43	3,261.33	3,195.71	11.75	9.38	54.50	401.32	1,804.09	1,199.91	1,179.70	20.21	59.379	
3,600.00	3,456.12	3,360.82	3,292.67	12.09	9.62	54.92	416.37	1,820.54	1,194.67	1,173.90	20.77	57.514	
3,700.00	3,550.81	3,460.30	3,389.62	12.44	9.86	55.33	431.42	1,836.99	1,189.49	1,168.13	21.35	55.707	
3,800.00	3,645.51	3,559.78	3,486.57	12.79	10.11	55.76	446.47	1,853.44	1,184.37	1,162.42	21.95	53.959	
3,900.00	3,740.20	3,659.27	3,583.53	13.15	10.37	56.18	461.51	1,869.89	1,179.32	1,156.76	22.56	52.272	
4,000.00	3,834.89	3,758.75	3,680.48	13.52	10.64	56.61	476.56	1,886.34	1,174.33	1,151.15	23.19	50.648	
4,100.00	3,929.59	3,858.24	3,777.43	13.89	10.91	57.04	491.61	1,902.79	1,169.42	1,145.59	23.82	49.085	
4,200.00	4,024.28	3,957.72	3,874.39	14.26	11.19	57.48	506.66	1,919.24	1,164.57	1,140.09	24.47	47.583	
4,300.00	4,118.97	4,057.20	3,971.34	14.65	11.47	57.92	521.71	1,935.68	1,159.78	1,134.65	25.14	46.141	
4,400.00	4,213.67	4,156.69	4,068.29	15.03	11.76	58.36	536.76	1,952.13	1,155.07	1,129.26	25.81	44.758	
4,500.00	4,308.36	4,256.17	4,165.25	15.42	12.05	58.81	551.80	1,968.58	1,150.43	1,123.94	26.49	43.431	
4,600.00	4,403.05	4,355.66	4,262.20	15.81	12.35	59.26	566.85	1,985.03	1,145.86	1,118.68	27.18	42.160	
4,700.00	4,497.74	4,455.14	4,359.16	16.21	12.65	59.72	581.90	2,001.48	1,141.36	1,113.48	27.88	40.941	
4,800.00	4,592.44	4,554.62	4,456.11	16.61	12.95	60.17	596.95	2,017.93	1,136.93	1,108.34	28.59	39.773	
4,900.00	4,687.13	4,654.11	4,553.06	17.01	13.26	60.63	612.00	2,034.38	1,132.58	1,103.28	29.30	38.655	
5,000.00	4,781.82	4,753.59	4,650.02	17.42	13.57	61.10	627.05	2,050.83	1,128.30	1,098.27	30.02	37.582	
5,100.00	4,876.52	4,853.07	4,746.97	17.83	13.88	61.57	642.09	2,067.28	1,124.09	1,093.34	30.75	36.555	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,971.21	4,952.56	4,843.92	18.24	14.19	62.04	657.14	2,083.73	1,119.96	1,088.48	31.49	35.571		
5,300.00	5,065.90	5,052.04	4,940.88	18.65	14.51	62.51	672.19	2,100.18	1,115.91	1,083.69	32.23	34.627		
5,400.00	5,160.60	5,151.53	5,037.83	19.07	14.83	62.99	687.24	2,116.63	1,111.94	1,078.97	32.97	33.722		
5,500.00	5,255.29	5,251.01	5,134.78	19.48	15.15	63.47	702.29	2,133.08	1,108.05	1,074.32	33.73	32.854		
5,600.00	5,349.98	5,350.49	5,231.74	19.90	15.48	63.96	717.34	2,149.53	1,104.23	1,069.75	34.48	32.022		
5,700.00	5,444.67	5,449.98	5,328.69	20.32	15.81	64.45	732.39	2,165.98	1,100.50	1,065.25	35.25	31.223		
5,800.00	5,539.37	5,549.46	5,425.65	20.74	16.13	64.94	747.43	2,182.43	1,096.85	1,060.83	36.01	30.457		
5,900.00	5,634.06	5,648.95	5,522.60	21.17	16.46	65.43	762.48	2,198.88	1,093.27	1,056.49	36.79	29.721		
6,000.00	5,728.75	5,748.43	5,619.55	21.59	16.80	65.93	777.53	2,215.33	1,089.79	1,052.22	37.56	29.014		
6,100.00	5,823.45	5,847.91	5,716.51	22.02	17.13	66.43	792.58	2,231.78	1,086.38	1,048.04	38.34	28.335		
6,200.00	5,918.14	5,947.40	5,813.46	22.45	17.46	66.94	807.63	2,248.22	1,083.06	1,043.94	39.12	27.682		
6,300.00	6,012.83	6,046.88	5,910.41	22.88	17.80	67.45	822.68	2,264.67	1,079.83	1,039.91	39.91	27.055		
6,400.00	6,107.53	6,146.37	6,007.37	23.31	18.14	67.96	837.72	2,281.12	1,076.68	1,035.97	40.70	26.452		
6,500.00	6,202.22	6,138.15	7,165.11	23.74	23.24	161.87	1,033.99	1,292.99	1,000.82	966.31	34.51	29.002		
6,600.00	6,296.91	8,112.47	7,165.91	24.17	23.00	159.41	1,033.76	1,318.65	917.39	881.97	35.42	25.900		
6,700.00	6,391.60	8,086.79	7,166.70	24.60	22.78	156.85	1,033.52	1,344.32	836.80	800.27	36.52	22.910		
6,800.00	6,486.30	8,061.11	7,167.50	25.04	22.56	154.21	1,033.29	1,369.98	759.96	722.10	37.86	20.071		
6,900.00	6,580.99	8,035.44	7,168.29	25.47	22.35	151.49	1,033.06	1,395.65	688.14	648.67	39.46	17.437		
7,000.00	6,675.68	8,009.76	7,169.08	25.91	22.13	148.71	1,032.82	1,421.31	623.06	581.74	41.33	15.077		
7,100.00	6,769.01	7,979.14	7,170.03	26.37	21.90	138.13	1,032.54	1,451.92	567.97	524.62	43.35	13.102		
7,200.00	6,857.00	7,934.27	7,171.42	26.93	21.58	129.28	1,032.14	1,496.76	527.06	481.80	45.26	11.645		
7,300.00	6,937.46	7,876.00	7,173.22	27.60	21.18	121.47	1,031.60	1,555.00	501.25	454.43	46.82	10.706		
7,400.00	7,008.38	7,805.76	7,175.39	28.37	20.77	113.79	1,030.96	1,625.20	489.11	441.20	47.91	10.209		
7,472.61	7,052.90	7,748.23	7,177.17	28.99	20.51	108.39	1,030.44	1,682.71	486.95	438.48	48.46	10.047 CC, ES		
7,500.00	7,068.02	7,725.27	7,177.88	29.23	20.42	106.44	1,030.23	1,705.65	487.20	438.59	48.61	10.022		
7,600.00	7,114.92	7,638.18	7,175.18	30.17	20.21	99.58	1,028.59	1,792.62	491.33	442.22	49.11	10.005 SF		
7,700.00	7,147.92	7,556.17	7,161.96	31.17	20.13	93.43	1,025.37	1,873.44	499.53	450.21	49.31	10.129		
7,800.00	7,166.21	7,478.23	7,139.98	32.22	20.12	88.01	1,020.87	1,948.02	510.71	461.46	49.25	10.370		
7,900.00	7,169.96	7,403.67	7,110.67	33.29	20.15	83.64	1,015.29	2,016.30	523.93	474.95	48.97	10.698		
8,000.00	7,169.81	7,335.98	7,077.39	34.40	20.19	80.14	1,009.23	2,074.90	542.44	494.07	48.36	11.216		
8,100.00	7,169.67	7,276.47	7,043.19	35.55	20.23	76.69	1,003.17	2,123.20	568.59	521.20	47.39	11.997		
8,200.00	7,169.52	7,224.61	7,009.87	36.73	20.26	73.50	997.36	2,162.48	603.01	556.82	46.20	13.053		
8,300.00	7,169.38	7,179.59	6,978.45	37.96	20.28	70.64	991.97	2,194.27	645.65	600.73	44.92	14.372		
8,400.00	7,169.23	7,140.50	6,949.42	39.21	20.30	68.13	987.03	2,219.97	695.97	652.26	43.71	15.922		
8,500.00	7,169.08	7,100.00	6,917.76	40.50	20.31	65.54	981.70	2,244.65	753.21	710.60	42.60	17.679		
8,600.00	7,168.94	7,076.78	6,898.94	41.81	20.31	64.07	978.55	2,257.85	816.29	774.55	41.75	19.553		
8,700.00	7,168.79	7,050.00	6,876.64	43.15	20.31	62.39	974.83	2,272.22	884.50	843.46	41.03	21.556		
8,800.00	7,168.65	7,027.76	6,857.68	44.51	20.31	61.02	971.69	2,283.41	956.97	916.47	40.49	23.634		
8,900.00	7,168.50	7,000.00	6,833.49	45.89	20.30	59.34	967.70	2,296.43	1,033.08	993.05	40.02	25.812		
9,000.00	7,168.36	7,000.00	6,833.49	47.29	20.30	59.34	967.70	2,296.43	1,112.19	1,072.30	39.90	27.878		
9,100.00	7,168.21	6,973.08	6,809.52	48.70	20.29	57.76	963.76	2,308.03	1,193.63	1,154.03	39.60	30.141		
9,200.00	7,168.06	6,950.00	6,788.60	50.13	20.28	56.43	960.33	2,317.14	1,277.40	1,238.00	39.40	32.421		
9,300.00	7,167.92	6,950.00	6,788.60	51.58	20.28	56.43	960.33	2,317.14	1,362.84	1,323.39	39.45	34.546		
9,400.00	7,167.77	6,933.43	6,773.38	53.04	20.27	55.50	957.85	2,323.21	1,449.84	1,410.46	39.38	36.816		
9,500.00	7,167.63	6,922.58	6,763.33	54.51	20.26	54.91	956.21	2,326.96	1,538.18	1,498.80	39.39	39.051		
9,600.00	7,167.48	6,900.00	6,742.23	55.99	20.24	53.69	952.79	2,334.22	1,627.83	1,588.51	39.32	41.404		
9,700.00	7,167.34	6,900.00	6,742.23	57.48	20.24	53.69	952.79	2,334.22	1,718.13	1,678.69	39.45	43.556		
9,800.00	7,167.19	6,900.00	6,742.23	58.98	20.24	53.69	952.79	2,334.22	1,809.46	1,769.87	39.58	45.713		
9,900.00	7,167.04	6,900.00	6,742.23	60.49	20.24	53.69	952.79	2,334.22	1,901.65	1,861.93	39.72	47.873		
10,000.00	7,166.90	6,880.38	6,723.69	62.01	20.22	52.66	949.78	2,339.90	1,994.21	1,954.50	39.71	50.218		
10,100.00	7,166.75	6,873.76	6,717.40	63.54	20.22	52.32	948.77	2,341.69	2,087.52	2,047.71	39.81	52.441		
10,200.00	7,166.61	6,850.00	6,694.67	65.07	20.19	51.12	945.10	2,347.56	2,181.64	2,141.86	39.78	54.846		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,166.46	6,850.00	6,694.67	66.61	20.19	51.12	945.10	2,347.56	2,275.75	2,235.82	39.93	56.997	
10,400.00	7,166.32	6,850.00	6,694.67	68.16	20.19	51.12	945.10	2,347.56	2,370.34	2,330.26	40.08	59.146	
10,500.00	7,166.17	6,850.00	6,694.67	69.71	20.19	51.12	945.10	2,347.56	2,465.36	2,425.13	40.22	61.292	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.20	-4.34	1,239.48	1,239.49				
100.00	100.00	103.00	97.00	3.28	3.28	90.20	-4.34	1,239.48	1,239.49	1,231.96	7.53	164.624	
200.00	200.00	203.00	197.00	3.31	3.31	90.20	-4.34	1,239.48	1,239.49	1,231.91	7.57	163.630	
300.00	300.00	303.00	297.00	3.35	3.35	44.61	-4.34	1,239.48	1,239.33	1,231.67	7.67	161.681	
400.00	399.95	403.05	396.95	3.42	3.42	44.74	-4.34	1,239.48	1,237.22	1,229.43	7.80	158.662	
500.00	499.74	503.26	496.74	3.51	3.51	45.01	-4.34	1,239.48	1,232.65	1,224.67	7.97	154.588	
600.00	599.24	603.76	596.24	3.62	3.61	45.44	-4.34	1,239.48	1,225.63	1,217.44	8.19	149.616	
700.00	698.33	704.67	695.33	3.76	3.74	46.02	-4.34	1,239.48	1,216.24	1,207.78	8.45	143.889	
800.00	796.90	793.90	793.90	3.93	3.86	46.77	-4.34	1,239.48	1,204.53	1,195.79	8.74	137.829	
900.00	894.81	864.85	864.84	4.14	3.96	47.46	-4.37	1,240.21	1,191.64	1,182.61	9.03	132.002	
1,000.00	991.96	933.93	933.88	4.40	4.07	48.24	-4.45	1,242.61	1,178.98	1,169.64	9.35	126.134	
1,100.00	1,088.23	1,000.00	999.84	4.71	4.17	49.08	-4.59	1,246.45	1,166.67	1,156.97	9.70	120.282	
1,200.00	1,183.49	1,071.73	1,071.32	5.07	4.28	50.08	-4.79	1,252.35	1,154.80	1,144.69	10.11	114.177	
1,300.00	1,278.18	1,140.66	1,139.86	5.48	4.41	50.92	-5.05	1,259.70	1,144.56	1,133.99	10.56	108.336	
1,400.00	1,372.87	1,209.96	1,208.56	5.91	4.54	51.76	-5.37	1,268.74	1,137.15	1,126.10	11.05	102.927	
1,500.00	1,467.57	1,279.56	1,277.32	6.37	4.69	52.60	-5.74	1,279.50	1,132.58	1,121.01	11.56	97.955	
1,600.00	1,562.26	1,359.66	1,356.15	6.85	4.87	53.57	-6.24	1,293.71	1,130.68	1,118.55	12.13	93.181	
1,700.00	1,656.95	1,456.80	1,451.68	7.34	5.12	54.73	-6.85	1,311.33	1,129.74	1,116.95	12.79	88.330	
1,800.00	1,751.65	1,553.95	1,547.21	7.85	5.38	55.90	-7.46	1,328.96	1,129.30	1,115.83	13.47	83.814	
1,838.68	1,788.27	1,608.48	1,584.16	7.96	5.53	56.35	-7.70	1,335.78	1,129.27	1,115.56	13.70	82.400 CC, ES	
1,900.00	1,846.34	1,651.09	1,642.74	8.13	5.65	57.07	-8.08	1,346.59	1,129.36	1,115.59	13.77	82.027	
2,000.00	1,941.03	1,748.24	1,738.27	8.21	5.94	58.24	-8.69	1,364.21	1,129.91	1,115.82	14.10	80.154	
2,100.00	2,035.73	1,845.38	1,833.80	8.32	6.17	59.41	-9.31	1,381.84	1,130.97	1,116.73	14.23	79.467	
2,200.00	2,130.42	1,942.52	1,929.33	8.45	6.28	60.57	-9.92	1,399.46	1,132.52	1,118.06	14.45	78.351	
2,300.00	2,225.11	2,039.67	2,024.86	8.60	6.32	61.73	-10.54	1,417.09	1,134.56	1,119.91	14.65	77.444	
2,400.00	2,319.81	2,136.81	2,120.39	8.78	6.38	62.89	-11.15	1,434.71	1,137.09	1,122.21	14.88	76.396	
2,500.00	2,414.50	2,233.96	2,215.92	8.97	6.46	64.04	-11.77	1,452.34	1,140.12	1,124.96	15.16	75.230	
2,600.00	2,509.19	2,331.10	2,311.45	9.19	6.55	65.19	-12.38	1,469.97	1,143.62	1,128.16	15.46	73.968	
2,700.00	2,603.88	2,428.24	2,406.98	9.42	6.66	66.33	-13.00	1,487.59	1,147.61	1,131.81	15.80	72.632	
2,800.00	2,698.58	2,525.39	2,502.51	9.66	6.79	67.46	-13.61	1,505.22	1,152.07	1,135.90	16.17	71.244	
2,900.00	2,793.27	2,622.53	2,598.04	9.93	6.93	68.58	-14.23	1,522.84	1,157.01	1,140.43	16.57	69.823	
3,000.00	2,887.96	2,719.68	2,693.57	10.20	7.08	69.69	-14.84	1,540.47	1,162.40	1,145.40	17.00	68.386	
3,100.00	2,982.66	2,816.82	2,789.10	10.49	7.24	70.79	-15.45	1,558.09	1,168.25	1,150.80	17.45	66.948	
3,200.00	3,077.35	2,913.96	2,884.63	10.79	7.42	71.88	-16.07	1,575.72	1,174.56	1,156.63	17.93	65.521	
3,300.00	3,172.04	3,011.11	2,980.16	11.10	7.61	72.96	-16.68	1,593.35	1,181.30	1,162.88	18.42	64.115	
3,400.00	3,266.74	3,108.25	3,075.68	11.42	7.81	74.03	-17.30	1,610.97	1,188.48	1,169.54	18.94	62.743	
3,500.00	3,361.43	3,205.40	3,171.21	11.75	8.01	75.09	-17.91	1,628.60	1,196.09	1,176.61	19.48	61.402	
3,600.00	3,456.12	3,302.54	3,266.74	12.09	8.23	76.13	-18.53	1,646.22	1,204.12	1,184.09	20.03	60.105	
3,700.00	3,550.81	3,400.32	3,362.27	12.44	8.46	77.16	-19.14	1,663.85	1,212.56	1,191.96	20.60	58.849	
3,800.00	3,645.51	3,503.17	3,457.80	12.79	8.70	78.17	-19.76	1,681.47	1,221.40	1,200.20	21.20	57.610	
3,900.00	3,740.20	3,606.03	3,553.33	13.15	8.96	79.17	-20.37	1,699.10	1,230.64	1,208.83	21.81	56.421	
4,000.00	3,834.89	3,708.88	3,648.86	13.52	9.22	80.16	-20.99	1,716.73	1,240.26	1,217.83	22.44	55.282	
4,100.00	3,929.59	3,788.26	3,744.39	13.89	9.42	81.13	-21.60	1,734.35	1,250.26	1,227.25	23.02	54.323	
4,200.00	4,024.28	3,885.40	3,839.92	14.26	9.68	82.09	-22.22	1,751.98	1,260.63	1,236.98	23.65	53.312	
4,300.00	4,118.97	3,982.55	3,935.45	14.65	9.94	83.03	-22.83	1,769.60	1,271.35	1,247.07	24.29	52.349	
4,400.00	4,213.67	4,079.69	4,030.98	15.03	10.20	83.96	-23.44	1,787.23	1,282.43	1,257.49	24.93	51.431	
4,500.00	4,308.36	4,176.84	4,126.51	15.42	10.47	84.87	-24.06	1,804.85	1,293.84	1,268.25	25.59	50.557	
4,600.00	4,403.05	4,273.98	4,222.04	15.81	10.75	85.76	-24.67	1,822.48	1,305.58	1,279.33	26.26	49.727	
4,700.00	4,497.74	4,371.13	4,317.57	16.21	11.03	86.64	-25.29	1,840.11	1,317.65	1,290.73	26.93	48.937	
4,800.00	4,592.44	4,468.27	4,413.10	16.61	11.31	87.51	-25.90	1,857.73	1,330.04	1,302.43	27.60	48.187	
4,900.00	4,687.13	4,565.41	4,508.63	17.01	11.59	88.36	-26.52	1,875.36	1,342.72	1,314.44	28.28	47.473	
5,000.00	4,781.82	4,662.56	4,604.16	17.42	11.88	89.19	-27.13	1,892.98	1,355.71	1,326.74	28.97	46.796	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,876.52	4,759.70	4,699.69	17.83	12.17	90.01	-27.75	1,910.61	1,368.98	1,339.32	29.66	46.152		
5,200.00	4,971.21	4,856.85	4,795.22	18.24	12.46	90.81	-28.36	1,928.23	1,382.53	1,352.17	30.36	45.541		
5,300.00	5,065.90	4,953.99	4,890.75	18.65	12.75	91.60	-28.98	1,945.86	1,396.35	1,365.30	31.06	44.960		
5,400.00	5,160.60	5,051.13	4,986.28	19.07	13.05	92.37	-29.59	1,963.49	1,410.44	1,378.68	31.76	44.408		
5,500.00	5,255.29	5,148.28	5,081.81	19.48	13.35	93.13	-30.21	1,981.11	1,424.78	1,392.32	32.47	43.883		
5,600.00	5,349.98	5,245.42	5,177.34	19.90	13.65	93.87	-30.82	1,998.74	1,439.38	1,406.20	33.18	43.384		
5,700.00	5,444.67	5,342.57	5,272.87	20.32	13.95	94.60	-31.43	2,016.36	1,454.21	1,420.32	33.89	42.910		
5,800.00	5,539.37	5,439.71	5,368.40	20.74	14.25	95.31	-32.05	2,033.99	1,469.27	1,434.67	34.61	42.458		
5,900.00	5,634.06	5,536.85	5,463.93	21.17	14.56	96.01	-32.66	2,051.61	1,484.57	1,449.24	35.32	42.029		
6,000.00	5,728.75	5,634.00	5,559.46	21.59	14.87	96.70	-33.28	2,069.24	1,500.08	1,464.04	36.04	41.620		
6,100.00	5,823.45	5,731.14	5,654.99	22.02	15.17	97.37	-33.89	2,086.87	1,515.80	1,479.04	36.76	41.231		
6,200.00	5,918.14	5,828.29	5,750.52	22.45	15.48	98.03	-34.51	2,104.49	1,531.73	1,494.24	37.49	40.860		
6,300.00	6,012.83	5,925.43	5,846.05	22.88	15.79	98.68	-35.12	2,122.12	1,547.86	1,509.65	38.21	40.506		
6,400.00	6,107.53	6,022.57	5,941.58	23.31	16.11	99.31	-35.74	2,139.74	1,564.19	1,525.25	38.94	40.169		
6,500.00	6,202.22	6,119.72	6,037.10	23.74	16.42	99.93	-36.35	2,157.37	1,580.70	1,541.03	39.67	39.848		
6,600.00	6,296.91	6,216.86	6,132.63	24.17	16.73	100.54	-36.97	2,174.99	1,597.39	1,556.99	40.40	39.542		
6,700.00	6,391.60	6,314.01	6,228.16	24.60	17.05	101.13	-37.58	2,192.62	1,614.26	1,573.13	41.13	39.249		
6,800.00	6,486.30	6,403.50	6,303.87	25.04	20.73	141.24	-38.03	1,358.29	1,625.98	1,583.54	42.44	38.313		
6,900.00	6,580.99	6,501.60	6,404.72	25.47	20.54	140.33	-38.19	1,384.18	1,600.78	1,557.64	43.14	37.105		
7,000.00	6,675.68	6,595.69	6,505.56	25.91	20.37	139.41	-38.36	1,410.06	1,581.09	1,537.28	43.81	36.089		
7,100.00	6,769.01	6,688.85	6,606.57	26.37	20.18	127.45	-38.56	1,440.89	1,567.39	1,522.97	44.42	35.285		
7,200.00	6,857.00	6,779.78	6,708.04	26.93	19.91	118.35	-38.85	1,485.94	1,560.02	1,515.05	44.97	34.691		
7,292.58	6,931.79	6,856.09	6,789.79	27.55	19.64	112.40	-39.20	1,539.60	1,558.03	1,512.54	45.49	34.253		
7,300.00	6,937.46	6,851.32	6,789.95	27.60	19.62	111.99	-39.23	1,544.36	1,558.04	1,512.52	45.52	34.225		
7,400.00	7,008.38	6,923.36	6,841.31	28.37	19.27	106.79	-39.73	1,622.29	1,560.11	1,514.04	46.08	33.859		
7,500.00	7,068.02	6,942.65	6,860.07	29.23	18.86	101.29	-40.48	1,752.19	1,563.09	1,516.36	46.73	33.451		
7,600.00	7,114.92	7,035.78	6,950.51	30.17	18.64	97.03	-40.96	1,854.76	1,565.84	1,518.31	47.53	32.942		
7,700.00	7,147.92	7,068.85	6,981.67	31.17	18.53	93.67	-41.28	1,937.99	1,568.46	1,520.07	48.39	32.412		
7,800.00	7,166.21	7,087.73	7,001.15	32.22	18.50	91.00	-41.48	2,006.93	1,570.75	1,521.50	49.25	31.897		
7,900.00	7,169.96	7,086.74	7,009.05	33.29	18.49	88.98	-41.58	2,064.40	1,572.53	1,522.48	50.05	31.419		
8,000.00	7,169.81	7,223.57	7,093.52	34.40	18.51	87.33	-41.62	2,108.16	1,576.53	1,525.75	50.78	31.048		
8,100.00	7,169.67	7,172.08	7,053.35	35.55	18.52	85.87	-41.61	2,140.34	1,584.46	1,533.05	51.41	30.822		
8,200.00	7,169.52	7,129.82	7,018.52	36.73	18.54	84.61	-41.57	2,164.26	1,596.87	1,544.93	51.94	30.746 SF		
8,300.00	7,169.38	7,100.00	6,993.03	37.96	18.55	83.69	-41.54	2,179.73	1,614.11	1,561.73	52.38	30.816		
8,400.00	7,169.23	7,065.48	6,962.65	39.21	18.55	82.60	-41.48	2,196.11	1,636.30	1,583.58	52.72	31.038		
8,500.00	7,169.08	7,040.66	6,940.28	40.50	18.56	81.80	-41.43	2,206.87	1,663.48	1,610.50	52.98	31.399		
8,600.00	7,168.94	7,019.45	6,920.85	41.81	18.56	81.11	-41.38	2,215.36	1,695.57	1,642.41	53.16	31.896		
8,700.00	7,168.79	7,000.00	6,902.79	43.15	18.56	80.47	-41.33	2,222.57	1,732.40	1,679.13	53.27	32.523		
8,800.00	7,168.65	6,985.22	6,888.92	44.51	18.55	79.98	-41.29	2,227.68	1,773.76	1,720.44	53.32	33.268		
8,900.00	7,168.50	6,971.25	6,875.70	45.89	18.55	79.51	-41.25	2,232.22	1,819.40	1,766.09	53.31	34.128		
9,000.00	7,168.36	6,950.00	6,855.42	47.29	18.55	78.80	-41.18	2,238.55	1,869.12	1,815.90	53.22	35.117		
9,100.00	7,168.21	6,950.00	6,855.42	48.70	18.55	78.80	-41.18	2,238.55	1,922.48	1,869.30	53.18	36.148		
9,200.00	7,168.06	6,950.00	6,855.42	50.13	18.55	78.80	-41.18	2,238.55	1,979.45	1,926.34	53.11	37.272		
9,300.00	7,167.92	6,929.29	6,835.46	51.58	18.54	78.10	-41.11	2,244.08	2,039.42	1,986.50	52.92	38.540		
9,400.00	7,167.77	6,921.31	6,827.72	53.04	18.53	77.83	-41.08	2,246.03	2,102.43	2,049.67	52.76	39.849		
9,500.00	7,167.63	6,900.00	6,806.95	54.51	18.53	77.11	-41.00	2,250.77	2,168.30	2,115.77	52.52	41.282		
9,600.00	7,167.48	6,900.00	6,806.95	55.99	18.53	77.11	-41.00	2,250.77	2,236.37	2,183.99	52.38	42.692		
9,700.00	7,167.34	6,900.00	6,806.95	57.48	18.53	77.11	-41.00	2,250.77	2,306.77	2,254.53	52.24	44.160		
9,800.00	7,167.19	6,900.00	6,806.95	58.98	18.53	77.11	-41.00	2,250.77	2,379.29	2,327.21	52.09	45.680		
9,900.00	7,167.04	6,900.00	6,806.95	60.49	18.53	77.11	-41.00	2,250.77	2,453.75	2,401.81	51.94	47.246		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.20	-4.35	1,219.71	1,219.72				
100.00	100.00	103.00	97.00	3.28	3.28	90.20	-4.35	1,219.71	1,219.72	1,212.19	7.53	161.999	
200.00	200.00	197.00	197.00	3.31	3.30	90.20	-4.35	1,219.71	1,219.72	1,212.15	7.57	161.064	
300.00	300.00	296.81	296.79	3.35	3.34	44.69	-5.98	1,219.71	1,219.57	1,211.92	7.66	159.296	
400.00	399.95	364.98	364.92	3.42	3.38	44.86	-8.01	1,220.69	1,218.88	1,211.12	7.76	157.112	
500.00	499.74	435.09	434.96	3.51	3.43	45.11	-9.93	1,223.37	1,218.16	1,210.28	7.89	154.405	
600.00	599.24	500.00	499.72	3.62	3.49	45.41	-11.54	1,227.36	1,217.48	1,209.44	8.04	151.382	
700.00	698.33	575.00	574.42	3.76	3.58	45.82	-13.21	1,233.80	1,216.81	1,208.57	8.24	147.668	
800.00	796.90	644.73	643.71	3.93	3.66	46.28	-14.57	1,241.53	1,216.26	1,207.79	8.46	143.690	
900.00	894.81	714.29	712.62	4.14	3.77	46.81	-15.74	1,250.90	1,215.85	1,207.12	8.73	139.345	
1,000.00	991.96	790.44	787.78	4.40	3.90	47.46	-16.82	1,263.07	1,215.67	1,206.63	9.04	134.409	
1,100.00	1,088.23	878.71	874.72	4.71	4.07	48.33	-17.94	1,278.33	1,214.77	1,205.33	9.45	128.601	
1,200.00	1,183.49	976.02	970.55	5.07	4.29	49.42	-19.17	1,295.15	1,211.98	1,202.04	9.93	122.019	
1,300.00	1,278.18	1,072.96	1,066.03	5.48	4.53	50.54	-20.40	1,311.90	1,208.45	1,197.98	10.47	115.381	
1,400.00	1,372.87	1,169.90	1,161.50	5.91	4.78	51.66	-21.63	1,328.66	1,205.41	1,194.35	11.06	109.021	
1,500.00	1,467.57	1,266.85	1,256.98	6.37	5.05	52.79	-22.86	1,345.41	1,202.86	1,191.18	11.68	103.011	
1,600.00	1,562.26	1,363.79	1,352.46	6.85	5.33	53.92	-24.09	1,362.17	1,200.81	1,188.48	12.33	97.385	
1,700.00	1,656.95	1,460.74	1,447.94	7.34	5.63	55.05	-25.32	1,378.92	1,199.26	1,186.25	13.01	92.197	
1,800.00	1,751.65	1,557.68	1,543.41	7.85	5.93	56.18	-26.55	1,395.68	1,198.20	1,184.49	13.72	87.356	
1,900.00	1,846.34	1,654.63	1,638.89	8.13	6.24	57.32	-27.78	1,412.44	1,197.65	1,183.62	14.03	85.361	
1,959.74	1,902.91	1,712.54	1,695.93	8.18	6.43	58.00	-28.52	1,422.45	1,197.56	1,183.33	14.24	84.124 CC	
2,000.00	1,941.03	1,751.57	1,734.37	8.21	6.56	58.46	-29.01	1,429.19	1,197.60	1,183.23	14.38	83.309 ES	
2,100.00	2,035.73	1,848.51	1,829.85	8.32	6.81	59.60	-30.24	1,445.95	1,198.06	1,183.54	14.52	82.529	
2,200.00	2,130.42	1,945.46	1,925.32	8.45	6.92	60.73	-31.47	1,462.70	1,199.01	1,184.27	14.74	81.338	
2,300.00	2,225.11	2,042.40	2,020.80	8.60	6.97	61.87	-32.70	1,479.46	1,200.47	1,185.53	14.94	80.376	
2,400.00	2,319.81	2,139.35	2,116.28	8.78	7.03	63.00	-33.93	1,496.22	1,202.42	1,187.25	15.17	79.275	
2,500.00	2,414.50	2,236.29	2,211.76	8.97	7.10	64.13	-35.16	1,512.97	1,204.87	1,189.44	15.44	78.056	
2,600.00	2,509.19	2,333.24	2,307.23	9.19	7.19	65.25	-36.39	1,529.73	1,207.82	1,192.08	15.74	76.743	
2,700.00	2,603.88	2,430.18	2,402.71	9.42	7.30	66.36	-37.62	1,546.48	1,211.25	1,195.18	16.07	75.356	
2,800.00	2,698.58	2,527.12	2,498.19	9.66	7.42	67.47	-38.85	1,563.24	1,215.17	1,198.73	16.44	73.916	
2,900.00	2,793.27	2,624.07	2,593.67	9.93	7.55	68.58	-40.08	1,579.99	1,219.57	1,202.74	16.83	72.444	
3,000.00	2,887.96	2,721.01	2,689.14	10.20	7.69	69.67	-41.31	1,596.75	1,224.45	1,207.19	17.26	70.956	
3,100.00	2,982.66	2,817.96	2,784.62	10.49	7.84	70.76	-42.54	1,613.51	1,229.80	1,212.09	17.70	69.467	
3,200.00	3,077.35	2,914.90	2,880.10	10.79	8.01	71.84	-43.77	1,630.26	1,235.61	1,217.43	18.17	67.989	
3,300.00	3,172.04	3,011.85	2,975.57	11.10	8.18	72.91	-45.00	1,647.02	1,241.88	1,223.21	18.67	66.533	
3,400.00	3,266.74	3,108.79	3,071.05	11.42	8.37	73.96	-46.23	1,663.77	1,248.59	1,229.42	19.18	65.107	
3,500.00	3,361.43	3,205.74	3,166.53	11.75	8.56	75.01	-47.46	1,680.53	1,255.76	1,236.05	19.71	63.719	
3,600.00	3,456.12	3,302.68	3,262.01	12.09	8.76	76.04	-48.69	1,697.29	1,263.35	1,243.10	20.26	62.372	
3,700.00	3,550.81	3,400.38	3,357.48	12.44	8.98	77.07	-49.92	1,714.04	1,271.38	1,250.56	20.82	61.067	
3,800.00	3,645.51	3,496.57	3,452.96	12.79	9.19	78.08	-51.15	1,730.80	1,279.83	1,258.43	21.40	59.818	
3,900.00	3,740.20	3,606.49	3,548.44	13.15	9.45	79.07	-52.37	1,747.55	1,288.68	1,266.67	22.01	58.541	
4,000.00	3,834.89	3,709.54	3,643.92	13.52	9.69	80.06	-53.60	1,764.31	1,297.95	1,275.32	22.63	57.354	
4,100.00	3,929.59	3,787.40	3,739.39	13.89	9.88	81.03	-54.83	1,781.06	1,307.60	1,284.40	23.20	56.356	
4,200.00	4,024.28	3,884.35	3,834.87	14.26	10.12	81.99	-56.06	1,797.82	1,317.64	1,293.82	23.83	55.302	
4,300.00	4,118.97	3,981.29	3,930.35	14.65	10.37	82.93	-57.29	1,814.58	1,328.06	1,303.60	24.46	54.296	
4,400.00	4,213.67	4,078.23	4,025.83	15.03	10.62	83.86	-58.52	1,831.33	1,338.85	1,313.75	25.10	53.338	
4,500.00	4,308.36	4,175.18	4,121.30	15.42	10.88	84.77	-59.75	1,848.09	1,350.00	1,324.25	25.75	52.426	
4,600.00	4,403.05	4,272.12	4,216.78	15.81	11.14	85.67	-60.98	1,864.84	1,361.49	1,335.09	26.41	51.558	
4,700.00	4,497.74	4,369.07	4,312.26	16.21	11.40	86.56	-62.21	1,881.60	1,373.33	1,346.26	27.07	50.732	
4,800.00	4,592.44	4,466.01	4,407.74	16.61	11.67	87.43	-63.44	1,898.35	1,385.51	1,357.77	27.74	49.947	
4,900.00	4,687.13	4,562.96	4,503.21	17.01	11.94	88.28	-64.67	1,915.11	1,398.00	1,369.59	28.41	49.201	
5,000.00	4,781.82	4,659.90	4,598.69	17.42	12.21	89.12	-65.90	1,931.87	1,410.82	1,381.72	29.09	48.492	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,876.52	4,756.84	4,694.17	17.83	12.49	89.95	-67.13	1,948.62	1,423.94	1,394.16	29.78	47.818		
5,200.00	4,971.21	4,853.79	4,789.65	18.24	12.77	90.76	-68.36	1,965.38	1,437.36	1,406.89	30.47	47.178		
5,300.00	5,065.90	4,950.73	4,885.12	18.65	13.05	91.56	-69.59	1,982.13	1,451.07	1,419.91	31.16	46.570		
5,400.00	5,160.60	5,047.68	4,980.60	19.07	13.33	92.34	-70.82	1,998.89	1,465.06	1,433.21	31.86	45.992		
5,500.00	5,255.29	5,144.62	5,076.08	19.48	13.62	93.11	-72.05	2,015.65	1,479.33	1,446.78	32.55	45.442		
5,600.00	5,349.98	5,241.57	5,171.55	19.90	13.90	93.87	-73.28	2,032.40	1,493.86	1,460.61	33.26	44.920		
5,700.00	5,444.67	5,338.51	5,267.03	20.32	14.19	94.61	-74.51	2,049.16	1,508.66	1,474.70	33.96	44.423		
5,800.00	5,539.37	5,435.45	5,362.51	20.74	14.49	95.33	-75.74	2,065.91	1,523.70	1,489.03	34.67	43.950		
5,900.00	5,634.06	5,532.40	5,457.99	21.17	14.78	96.04	-76.97	2,082.67	1,538.99	1,503.61	35.38	43.501		
6,000.00	5,728.75	5,629.34	5,553.46	21.59	15.07	96.74	-78.20	2,099.42	1,554.51	1,518.42	36.09	43.073		
6,100.00	5,823.45	5,726.29	5,648.94	22.02	15.37	97.43	-79.43	2,116.18	1,570.27	1,533.46	36.80	42.665		
6,200.00	5,918.14	5,823.23	5,744.42	22.45	15.67	98.10	-80.66	2,132.94	1,586.25	1,548.73	37.52	42.277		
6,300.00	6,012.83	5,920.18	5,839.90	22.88	15.97	98.76	-81.89	2,149.69	1,602.44	1,564.20	38.24	41.908		
6,400.00	6,107.53	6,017.12	5,935.37	23.31	16.27	99.41	-83.12	2,166.45	1,618.84	1,579.89	38.96	41.556		
6,500.00	6,202.22	6,114.06	6,030.85	23.74	16.57	100.04	-84.35	2,183.20	1,635.45	1,595.77	39.68	41.220		
6,600.00	6,296.91	7,863.17	7,119.52	24.17	20.40	140.39	-105.71	1,334.44	1,647.79	1,606.52	41.27	39.923		
6,700.00	6,391.60	7,837.39	7,120.25	24.60	20.21	139.49	-105.54	1,360.21	1,622.65	1,580.67	41.98	38.657		
6,800.00	6,486.30	7,811.62	7,120.97	25.04	20.02	138.59	-105.37	1,385.97	1,602.93	1,560.31	42.63	37.602		
6,900.00	6,580.99	7,785.84	7,121.70	25.47	19.85	137.69	-105.19	1,411.73	1,588.86	1,545.63	43.24	36.746		
7,000.00	6,675.68	7,760.07	7,122.42	25.91	19.69	136.78	-105.02	1,437.50	1,580.59	1,536.80	43.79	36.095		
7,091.04	6,760.52	7,731.55	7,123.23	26.33	19.52	124.94	-104.83	1,466.00	1,578.19	1,533.98	44.22	35.694		
7,100.00	6,769.01	7,729.35	7,123.29	26.37	19.51	124.00	-104.82	1,468.20	1,578.21	1,533.95	44.26	35.660		
7,200.00	6,857.00	7,684.39	7,124.56	26.93	19.25	113.99	-104.52	1,513.14	1,581.27	1,536.59	44.68	35.393		
7,300.00	6,937.46	7,626.03	7,126.20	27.60	18.97	106.82	-104.13	1,571.48	1,588.48	1,543.38	45.10	35.218		
7,400.00	7,008.38	7,543.39	7,126.21	28.37	18.64	100.81	-103.55	1,654.08	1,598.09	1,552.53	45.55	35.084		
7,500.00	7,068.02	7,457.74	7,115.58	29.23	18.38	95.82	-102.80	1,739.00	1,608.15	1,562.05	46.10	34.886		
7,600.00	7,114.92	7,379.64	7,096.03	30.17	18.20	91.80	-101.99	1,814.56	1,618.02	1,571.30	46.72	34.635		
7,700.00	7,147.92	7,306.85	7,069.61	31.17	18.09	88.55	-101.14	1,882.34	1,627.11	1,579.73	47.38	34.343		
7,800.00	7,166.21	7,237.96	7,037.64	32.22	18.03	85.99	-100.25	1,943.32	1,634.86	1,586.80	48.06	34.015		
7,900.00	7,169.96	7,172.28	7,001.20	33.29	18.00	84.19	-99.35	1,997.92	1,640.94	1,592.20	48.74	33.665		
8,000.00	7,169.81	7,113.98	6,964.28	34.40	18.00	82.90	-98.51	2,043.01	1,648.80	1,599.42	49.38	33.389		
8,100.00	7,169.67	7,063.88	6,929.38	35.55	18.01	81.70	-97.77	2,078.92	1,660.21	1,610.26	49.95	33.234		
8,200.00	7,169.52	7,020.87	6,897.24	36.73	18.02	80.59	-97.11	2,107.48	1,675.60	1,625.15	50.45	33.211 SF		
8,300.00	7,169.38	6,983.86	6,868.09	37.96	18.04	79.59	-96.54	2,130.28	1,695.24	1,644.37	50.87	33.322		
8,400.00	7,169.23	6,950.00	6,840.30	39.21	18.05	78.65	-96.01	2,149.61	1,719.30	1,668.08	51.22	33.568		
8,500.00	7,169.08	6,924.09	6,818.37	40.50	18.06	77.91	-95.60	2,163.39	1,747.79	1,696.30	51.49	33.943		
8,600.00	7,168.94	6,900.00	6,797.49	41.81	18.06	77.20	-95.22	2,175.40	1,780.70	1,729.01	51.70	34.445		
8,700.00	7,168.79	6,878.51	6,778.49	43.15	18.07	76.57	-94.88	2,185.44	1,817.92	1,766.08	51.84	35.069		
8,800.00	7,168.65	6,850.00	6,752.78	44.51	18.07	75.71	-94.44	2,197.75	1,859.34	1,807.44	51.90	35.826		
8,900.00	7,168.50	6,850.00	6,752.78	45.89	18.07	75.71	-94.44	2,197.75	1,904.64	1,852.65	51.99	36.637		
9,000.00	7,168.36	6,827.97	6,732.56	47.29	18.07	75.04	-94.09	2,206.47	1,953.67	1,901.70	51.96	37.597		
9,100.00	7,168.21	6,814.55	6,720.09	48.70	18.07	74.63	-93.88	2,211.44	2,006.25	1,954.32	51.93	38.636		
9,200.00	7,168.06	6,800.00	6,706.46	50.13	18.07	74.18	-93.65	2,216.52	2,062.12	2,010.27	51.85	39.768		
9,300.00	7,167.92	6,800.00	6,706.46	51.58	18.07	74.18	-93.65	2,216.52	2,121.10	2,069.30	51.81	40.942		
9,400.00	7,167.77	6,781.49	6,688.96	53.04	18.07	73.61	-93.36	2,222.54	2,182.81	2,131.14	51.67	42.246		
9,500.00	7,167.63	6,772.38	6,680.28	54.51	18.06	73.33	-93.22	2,225.31	2,247.20	2,195.65	51.55	43.592		
9,600.00	7,167.48	6,750.00	6,658.81	55.99	18.06	72.63	-92.87	2,231.60	2,314.15	2,262.79	51.36	45.055		
9,700.00	7,167.34	6,750.00	6,658.81	57.48	18.06	72.63	-92.87	2,231.60	2,383.06	2,331.80	51.26	46.486		
9,800.00	7,167.19	6,750.00	6,658.81	58.98	18.06	72.63	-92.87	2,231.60	2,454.11	2,402.95	51.16	47.970		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.19	-3.98	1,199.67	1,199.67				
100.00	100.00	103.00	97.00	3.28	3.28	90.19	-3.98	1,199.67	1,199.67	1,192.14	7.53	159.336	
200.00	200.00	203.00	197.00	3.31	3.31	90.19	-3.98	1,199.67	1,199.67	1,192.10	7.57	158.374	
300.00	300.00	283.80	283.80	3.35	3.34	44.60	-4.05	1,199.85	1,199.78	1,192.13	7.65	156.769	
400.00	399.95	355.67	355.64	3.42	3.38	44.70	-4.69	1,201.48	1,199.94	1,192.19	7.75	154.762	
500.00	499.74	427.39	427.28	3.51	3.43	44.91	-5.98	1,204.78	1,199.98	1,192.10	7.88	152.255	
600.00	599.24	500.00	499.68	3.62	3.49	45.25	-7.95	1,209.82	1,199.93	1,191.89	8.04	149.241	
700.00	698.33	570.01	569.35	3.76	3.57	45.68	-10.48	1,216.30	1,199.85	1,191.62	8.23	145.805	
781.22	778.44	627.48	626.39	3.90	3.64	46.12	-13.02	1,222.80	1,199.82	1,191.41	8.41	142.675	
800.00	796.90	640.72	639.51	3.93	3.66	46.23	-13.67	1,224.44	1,199.82	1,191.37	8.45	141.926	
900.00	894.81	710.90	708.91	4.14	3.76	46.89	-17.45	1,234.12	1,199.93	1,191.22	8.72	137.666	
1,000.00	991.96	784.66	781.57	4.40	3.90	47.68	-22.08	1,245.97	1,200.28	1,191.25	9.03	132.886	
1,100.00	1,088.23	881.35	876.67	4.71	4.10	48.87	-28.43	1,262.22	1,199.58	1,190.11	9.46	126.766	
1,200.00	1,183.49	977.30	971.04	5.07	4.33	50.19	-34.74	1,278.36	1,197.18	1,187.22	9.96	120.248	
1,300.00	1,278.18	1,072.82	1,065.00	5.48	4.58	51.55	-41.01	1,294.42	1,194.30	1,183.79	10.50	113.705	
1,400.00	1,372.87	1,168.34	1,158.95	5.91	4.84	52.90	-47.29	1,310.48	1,192.14	1,181.05	11.09	107.460	
1,500.00	1,467.57	1,263.86	1,252.90	6.37	5.12	54.26	-53.57	1,326.54	1,190.72	1,179.00	11.72	101.586	
1,600.00	1,562.26	1,359.38	1,346.85	6.85	5.41	55.62	-59.84	1,342.60	1,190.03	1,177.65	12.38	96.115	
1,643.42	1,603.38	1,400.86	1,387.65	7.06	5.54	56.21	-62.57	1,349.57	1,189.97	1,177.29	12.68	93.879 CC	
1,700.00	1,656.95	1,454.90	1,440.80	7.34	5.72	56.98	-66.12	1,358.66	1,190.08	1,177.02	13.07	91.076 ES	
1,800.00	1,751.65	1,550.43	1,534.75	7.85	6.03	58.34	-72.40	1,374.72	1,190.87	1,177.09	13.78	86.426	
1,900.00	1,846.34	1,645.95	1,628.71	8.13	6.35	59.70	-78.68	1,390.78	1,192.39	1,178.29	14.09	84.601	
2,000.00	1,941.03	1,741.47	1,722.66	8.21	6.68	61.05	-84.95	1,406.84	1,194.63	1,180.20	14.44	82.746	
2,100.00	2,035.73	1,836.99	1,816.61	8.32	6.95	62.40	-91.23	1,422.90	1,197.61	1,183.02	14.59	82.085	
2,200.00	2,130.42	1,932.51	1,910.56	8.45	7.08	63.74	-97.51	1,438.96	1,201.31	1,186.49	14.82	81.033	
2,300.00	2,225.11	2,028.03	2,004.51	8.60	7.13	65.07	-103.78	1,455.02	1,205.72	1,190.71	15.01	80.312	
2,400.00	2,319.81	2,123.55	2,098.46	8.78	7.19	66.40	-110.06	1,471.08	1,210.85	1,195.61	15.24	79.460	
2,500.00	2,414.50	2,219.07	2,192.41	8.97	7.26	67.71	-116.34	1,487.14	1,216.67	1,201.17	15.50	78.498	
2,600.00	2,509.19	2,314.59	2,286.37	9.19	7.35	69.01	-122.61	1,503.20	1,223.17	1,207.38	15.79	77.444	
2,700.00	2,603.88	2,410.11	2,380.32	9.42	7.46	70.30	-128.89	1,519.26	1,230.36	1,214.24	16.12	76.320	
2,800.00	2,698.58	2,505.63	2,474.27	9.66	7.58	71.57	-135.17	1,535.32	1,238.21	1,221.73	16.48	75.142	
2,900.00	2,793.27	2,601.15	2,568.22	9.93	7.71	72.83	-141.44	1,551.38	1,246.72	1,229.85	16.86	73.930	
3,000.00	2,887.96	2,696.68	2,662.17	10.20	7.85	74.07	-147.72	1,567.44	1,255.86	1,238.58	17.28	72.696	
3,100.00	2,982.66	2,807.80	2,756.12	10.49	8.03	75.30	-154.00	1,583.50	1,265.63	1,247.90	17.73	71.369	
3,200.00	3,077.35	2,887.72	2,850.08	10.79	8.17	76.50	-160.27	1,599.56	1,276.01	1,257.84	18.17	70.222	
3,300.00	3,172.04	2,983.24	2,944.03	11.10	8.34	77.69	-166.55	1,615.62	1,286.99	1,268.34	18.65	69.003	
3,400.00	3,266.74	3,078.76	3,037.98	11.42	8.53	78.86	-172.83	1,631.68	1,298.55	1,279.40	19.15	67.808	
3,500.00	3,361.43	3,174.28	3,131.93	11.75	8.72	80.01	-179.11	1,647.74	1,310.68	1,291.01	19.67	66.642	
3,600.00	3,456.12	3,269.80	3,225.88	12.09	8.93	81.14	-185.38	1,663.80	1,323.36	1,303.16	20.20	65.510	
3,700.00	3,550.81	3,365.32	3,319.83	12.44	9.14	82.25	-191.66	1,679.86	1,336.57	1,315.82	20.75	64.416	
3,800.00	3,645.51	3,460.84	3,413.79	12.79	9.35	83.34	-197.94	1,695.92	1,350.30	1,328.99	21.31	63.361	
3,900.00	3,740.20	3,556.36	3,507.74	13.15	9.58	84.40	-204.21	1,711.98	1,364.54	1,342.65	21.89	62.348	
4,000.00	3,834.89	3,651.88	3,601.69	13.52	9.81	85.45	-210.49	1,728.04	1,379.26	1,356.79	22.47	61.377	
4,100.00	3,929.59	3,747.40	3,695.64	13.89	10.05	86.48	-216.77	1,744.10	1,394.46	1,371.39	23.07	60.448	
4,200.00	4,024.28	3,842.93	3,789.59	14.26	10.29	87.48	-223.04	1,760.17	1,410.12	1,386.44	23.68	59.560	
4,300.00	4,118.97	3,938.45	3,883.54	14.65	10.54	88.46	-229.32	1,776.23	1,426.21	1,401.92	24.29	58.714	
4,400.00	4,213.67	4,033.97	3,977.49	15.03	10.79	89.43	-235.60	1,792.29	1,442.74	1,417.82	24.91	57.908	
4,500.00	4,308.36	4,129.49	4,071.45	15.42	11.05	90.37	-241.87	1,808.35	1,459.67	1,434.13	25.55	57.140	
4,600.00	4,403.05	4,225.01	4,165.40	15.81	11.31	91.29	-248.15	1,824.41	1,477.01	1,450.83	26.18	56.410	
4,700.00	4,497.74	4,320.53	4,259.35	16.21	11.57	92.19	-254.43	1,840.47	1,494.73	1,467.90	26.83	55.716	
4,800.00	4,592.44	4,416.05	4,353.30	16.61	11.84	93.07	-260.71	1,856.53	1,512.82	1,485.34	27.48	55.057	
4,900.00	4,687.13	4,511.57	4,447.25	17.01	12.11	93.94	-266.98	1,872.59	1,531.27	1,503.14	28.13	54.430	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,781.82	4,607.09	4,541.20	17.42	12.39	94.78	-273.26	1,888.65	1,550.07	1,521.28	28.79	53.835		
5,100.00	4,876.52	4,702.61	4,635.16	17.83	12.67	95.60	-279.54	1,904.71	1,569.20	1,539.74	29.46	53.269		
5,200.00	4,971.21	4,801.87	4,729.11	18.24	12.96	96.40	-285.81	1,920.77	1,588.65	1,558.51	30.14	52.714		
5,300.00	5,065.90	4,906.35	4,823.06	18.65	13.27	97.19	-292.09	1,936.83	1,608.41	1,577.57	30.83	52.163		
5,400.00	5,160.60	4,989.18	4,917.01	19.07	13.52	97.95	-298.37	1,952.89	1,628.46	1,596.99	31.48	51.736		
5,500.00	5,255.29	5,084.70	5,010.96	19.48	13.80	98.70	-304.64	1,968.95	1,648.81	1,616.65	32.16	51.275		
5,600.00	5,349.98	5,180.22	5,104.91	19.90	14.09	99.43	-310.92	1,985.01	1,669.43	1,636.59	32.84	50.836		
5,700.00	5,444.67	5,275.74	5,198.87	20.32	14.39	100.15	-317.20	2,001.07	1,690.32	1,656.79	33.53	50.419		
5,800.00	5,539.37	5,371.26	5,292.82	20.74	14.68	100.85	-323.47	2,017.13	1,711.46	1,677.25	34.21	50.023		
5,900.00	5,634.06	5,466.78	5,386.77	21.17	14.98	101.53	-329.75	2,033.19	1,732.85	1,697.95	34.90	49.646		
6,000.00	5,728.75	5,562.30	5,480.72	21.59	15.27	102.19	-336.03	2,049.25	1,754.48	1,718.88	35.60	49.286		
6,100.00	5,823.45	5,657.82	5,574.67	22.02	15.57	102.84	-342.30	2,065.31	1,776.34	1,740.05	36.29	48.944		
6,200.00	5,918.14	5,753.34	5,668.62	22.45	15.87	103.48	-348.58	2,081.37	1,798.42	1,761.43	36.99	48.619		
6,300.00	6,012.83	5,848.86	5,762.57	22.88	16.18	104.10	-354.86	2,097.43	1,820.72	1,783.03	37.69	48.308		
6,400.00	6,107.53	5,944.38	5,856.53	23.31	16.48	104.70	-361.14	2,113.49	1,843.22	1,804.83	38.39	48.012		
6,500.00	6,202.22	6,039.91	5,950.48	23.74	16.79	105.29	-367.41	2,129.55	1,865.91	1,826.82	39.09	47.729		
6,600.00	6,296.91	6,135.43	6,044.43	24.17	17.09	105.87	-373.69	2,145.61	1,888.80	1,849.01	39.80	47.460		
6,700.00	6,391.60	6,230.95	6,138.38	24.60	17.40	106.43	-379.97	2,161.67	1,911.88	1,871.37	40.50	47.202		
6,800.00	6,486.30	7,906.83	7,185.75	25.04	20.46	139.53	-429.10	1,335.24	1,927.85	1,885.03	42.82	45.019		
6,900.00	6,580.99	7,881.86	7,186.42	25.47	20.30	138.81	-429.66	1,360.19	1,917.39	1,874.00	43.39	44.193		
7,000.00	6,675.68	7,856.89	7,187.08	25.91	20.15	138.08	-430.22	1,385.14	1,911.77	1,867.87	43.91	43.541		
7,059.81	6,731.75	7,839.77	7,187.54	26.18	20.04	129.82	-430.61	1,402.26	1,910.83	1,866.64	44.20	43.236		
7,100.00	6,769.01	7,826.97	7,187.88	26.37	19.97	125.38	-430.89	1,415.04	1,911.21	1,866.84	44.37	43.076		
7,200.00	6,857.00	7,782.77	7,189.05	26.93	19.72	115.52	-431.88	1,459.22	1,915.54	1,870.73	44.80	42.755		
7,300.00	6,937.46	7,725.11	7,190.59	27.60	19.46	108.58	-433.17	1,516.85	1,923.68	1,878.42	45.25	42.508		
7,400.00	7,008.38	7,639.53	7,192.02	28.37	19.15	102.82	-435.04	1,602.38	1,934.18	1,888.46	45.72	42.304		
7,500.00	7,068.02	7,515.15	7,176.87	29.23	18.86	97.38	-436.63	1,725.63	1,944.24	1,897.96	46.29	42.004		
7,600.00	7,114.92	7,412.34	7,146.48	30.17	18.74	93.17	-436.74	1,823.73	1,953.08	1,906.07	47.01	41.547		
7,700.00	7,147.92	7,323.16	7,107.66	31.17	18.70	89.89	-435.95	1,903.93	1,960.51	1,912.70	47.81	41.003		
7,800.00	7,166.21	7,243.04	7,063.55	32.22	18.71	87.37	-434.54	1,970.73	1,966.22	1,917.57	48.65	40.420		
7,900.00	7,169.96	7,169.65	7,016.09	33.29	18.73	85.60	-432.70	2,026.64	1,970.04	1,920.57	49.47	39.825		
8,000.00	7,169.81	7,107.69	6,971.26	34.40	18.75	84.30	-430.75	2,069.32	1,975.26	1,925.01	50.25	39.308		
8,100.00	7,169.67	7,057.08	6,931.70	35.55	18.78	83.15	-428.90	2,100.81	1,983.66	1,932.68	50.98	38.908		
8,200.00	7,169.52	7,015.45	6,897.38	36.73	18.79	82.16	-427.21	2,124.29	1,995.67	1,944.01	51.66	38.631		
8,300.00	7,169.38	6,980.89	6,867.77	37.96	18.80	81.31	-425.71	2,142.05	2,011.57	1,959.29	52.28	38.476		
8,400.00	7,169.23	6,950.00	6,840.53	39.21	18.80	80.52	-424.28	2,156.54	2,031.49	1,978.65	52.84	38.445 SF		
8,500.00	7,169.08	6,927.32	6,820.10	40.50	18.81	79.94	-423.19	2,166.33	2,055.50	2,002.15	53.35	38.526		
8,600.00	7,168.94	6,900.00	6,795.05	41.81	18.81	79.22	-421.83	2,177.14	2,083.61	2,029.82	53.79	38.737		
8,700.00	7,168.79	6,888.10	6,784.00	43.15	18.80	78.90	-421.22	2,181.51	2,115.67	2,061.47	54.20	39.032		
8,800.00	7,168.65	6,872.26	6,769.17	44.51	18.80	78.48	-420.40	2,187.01	2,151.64	2,097.09	54.55	39.445		
8,900.00	7,168.50	6,850.00	6,748.10	45.89	18.80	77.88	-419.21	2,194.10	2,191.39	2,136.58	54.81	39.980		
9,000.00	7,168.36	6,850.00	6,748.10	47.29	18.80	77.88	-419.21	2,194.10	2,234.67	2,179.56	55.11	40.551		
9,100.00	7,168.21	6,835.12	6,733.89	48.70	18.79	77.48	-418.40	2,198.43	2,281.38	2,226.08	55.29	41.259		
9,200.00	7,168.06	6,825.33	6,724.49	50.13	18.79	77.21	-417.86	2,201.10	2,331.32	2,275.87	55.46	42.038		
9,300.00	7,167.92	6,816.51	6,715.98	51.58	18.78	76.97	-417.37	2,203.38	2,384.32	2,328.73	55.59	42.895		
9,400.00	7,167.77	6,800.00	6,699.98	53.04	18.78	76.52	-416.44	2,207.33	2,440.22	2,384.58	55.64	43.856		
9,500.00	7,167.63	6,800.00	6,699.98	54.51	18.78	76.52	-416.44	2,207.33	2,498.71	2,442.96	55.74	44.825		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	-2.00	3.28	3.28	90.47	-1.46	179.85	179.86				
100.00	100.00	102.00	98.00	3.28	3.28	90.47	-1.46	179.85	179.86	172.33	7.53	23.888	
200.00	200.00	202.00	198.00	3.31	3.31	90.47	-1.46	179.85	179.86	172.28	7.57	23.745	
300.00	300.00	302.00	298.00	3.35	3.35	44.92	-1.46	179.85	179.71	172.04	7.66	23.446	
400.00	399.95	402.05	397.95	3.42	3.42	45.62	-1.46	179.85	177.62	169.82	7.80	22.780	
500.00	499.74	502.26	497.74	3.51	3.51	47.21	-1.46	179.85	173.16	165.19	7.97	21.720	
600.00	599.24	602.76	597.24	3.62	3.61	49.81	-1.46	179.85	166.56	158.37	8.19	20.337	
700.00	698.33	703.67	696.33	3.76	3.74	53.63	-1.46	179.85	158.21	149.76	8.45	18.721	
800.00	796.90	805.10	794.90	3.93	3.88	58.97	-1.46	179.85	148.76	140.00	8.76	16.985	
900.00	894.81	892.81	892.81	4.14	4.01	66.19	-1.46	179.85	139.26	130.16	9.10	15.305	
1,000.00	991.96	986.56	986.54	4.40	4.16	74.94	-1.44	181.16	132.44	122.94	9.50	13.943	
1,067.35	1,056.90	1,049.60	1,049.53	4.60	4.26	81.47	-1.40	183.76	131.02	121.22	9.80	13.363 CC, ES	
1,100.00	1,088.23	1,080.18	1,080.06	4.71	4.31	84.73	-1.38	185.52	131.37	121.41	9.96	13.190	
1,200.00	1,183.49	1,173.92	1,173.50	5.07	4.47	94.61	-1.27	192.94	136.88	126.39	10.49	13.051	
1,300.00	1,278.18	1,268.08	1,267.07	5.48	4.65	103.28	-1.11	203.46	148.59	137.53	11.06	13.439	
1,400.00	1,372.87	1,362.95	1,360.94	5.91	4.85	109.67	-0.91	217.17	164.63	152.99	11.65	14.136	
1,500.00	1,467.57	1,458.38	1,454.85	6.37	5.07	114.00	-0.66	234.09	183.40	171.13	12.26	14.954	
1,600.00	1,562.26	1,555.79	1,550.44	6.85	5.33	117.18	-0.38	252.86	203.40	190.48	12.93	15.737	
1,700.00	1,656.95	1,653.20	1,646.02	7.34	5.59	119.79	-0.10	271.63	223.91	210.30	13.61	16.455	
1,800.00	1,751.65	1,750.61	1,741.60	7.85	5.88	121.96	0.18	290.39	244.79	230.48	14.31	17.107	
1,900.00	1,846.34	1,848.01	1,837.18	8.13	6.11	123.78	0.46	309.16	265.96	251.57	14.39	18.486	
2,000.00	1,941.03	1,945.42	1,932.77	8.21	6.21	125.34	0.74	327.93	287.34	272.82	14.52	19.784	
2,100.00	2,035.73	2,042.83	2,028.35	8.32	6.25	126.69	1.02	346.70	308.91	294.28	14.63	21.117	
2,200.00	2,130.42	2,140.24	2,123.93	8.45	6.32	127.86	1.29	365.47	330.61	315.84	14.77	22.378	
2,300.00	2,225.11	2,237.64	2,219.51	8.60	6.40	128.88	1.57	384.23	352.43	337.47	14.96	23.557	
2,400.00	2,319.81	2,335.05	2,315.09	8.78	6.50	129.79	1.85	403.00	374.35	359.16	15.19	24.650	
2,500.00	2,414.50	2,432.46	2,410.68	8.97	6.61	130.59	2.13	421.77	396.34	380.89	15.45	25.655	
2,600.00	2,509.19	2,529.87	2,506.26	9.19	6.74	131.31	2.41	440.54	418.41	402.66	15.75	26.572	
2,700.00	2,603.88	2,627.27	2,601.84	9.42	6.89	131.96	2.69	459.30	440.52	424.45	16.08	27.402	
2,800.00	2,698.58	2,724.68	2,697.42	9.66	7.05	132.55	2.97	478.07	462.69	446.25	16.44	28.150	
2,900.00	2,793.27	2,822.09	2,793.00	9.93	7.23	133.08	3.24	496.84	484.90	468.07	16.83	28.819	
3,000.00	2,887.96	2,919.50	2,888.59	10.20	7.41	133.57	3.52	515.61	507.15	489.91	17.24	29.414	
3,100.00	2,982.66	3,016.90	2,984.17	10.49	7.61	134.01	3.80	534.37	529.42	511.74	17.68	29.943	
3,200.00	3,077.35	3,114.31	3,079.75	10.79	7.82	134.42	4.08	553.14	551.73	533.59	18.14	30.409	
3,300.00	3,172.04	3,211.72	3,175.33	11.10	8.03	134.80	4.36	571.91	574.06	555.43	18.63	30.819	
3,400.00	3,266.74	3,309.13	3,270.91	11.42	8.26	135.15	4.64	590.68	596.41	577.28	19.13	31.178	
3,500.00	3,361.43	3,406.54	3,366.50	11.75	8.49	135.48	4.92	609.45	618.78	599.14	19.65	31.492	
3,600.00	3,456.12	3,503.94	3,462.08	12.09	8.74	135.78	5.19	628.21	641.17	620.99	20.18	31.765	
3,700.00	3,550.81	3,601.35	3,557.66	12.44	8.99	136.06	5.47	646.98	663.58	642.84	20.74	32.002	
3,800.00	3,645.51	3,701.24	3,653.24	12.79	9.25	136.32	5.75	665.75	686.00	664.69	21.31	32.196	
3,900.00	3,740.20	3,803.83	3,748.82	13.15	9.52	136.57	6.03	684.52	708.43	686.53	21.90	32.351	
4,000.00	3,834.89	3,906.43	3,844.41	13.52	9.80	136.80	6.31	703.28	730.88	708.37	22.50	32.481	
4,100.00	3,929.59	4,009.02	3,939.99	13.89	10.09	137.02	6.59	722.05	753.33	730.22	23.12	32.589	
4,200.00	4,024.28	4,088.39	4,035.57	14.26	10.32	137.22	6.87	740.82	775.80	752.12	23.67	32.770	
4,300.00	4,118.97	4,185.80	4,131.15	14.65	10.60	137.42	7.14	759.59	798.27	773.98	24.29	32.861	
4,400.00	4,213.67	4,283.20	4,226.74	15.03	10.88	137.60	7.42	778.35	820.75	795.83	24.92	32.938	
4,500.00	4,308.36	4,380.61	4,322.32	15.42	11.17	137.77	7.70	797.12	843.24	817.69	25.55	33.001	
4,600.00	4,403.05	4,478.02	4,417.90	15.81	11.46	137.94	7.98	815.89	865.74	839.54	26.19	33.052	
4,700.00	4,497.74	4,575.43	4,513.48	16.21	11.75	138.09	8.26	834.66	888.24	861.40	26.84	33.092	
4,800.00	4,592.44	4,672.83	4,609.06	16.61	12.05	138.24	8.54	853.43	910.75	883.25	27.49	33.124	
4,900.00	4,687.13	4,770.24	4,704.65	17.01	12.35	138.38	8.82	872.19	933.26	905.11	28.15	33.148	
5,000.00	4,781.82	4,867.65	4,800.23	17.42	12.65	138.51	9.09	890.96	955.78	926.96	28.82	33.165	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,876.52	4,965.06	4,895.81	17.83	12.96	138.64	9.37	909.73	978.30	948.81	29.49	33.175	
5,200.00	4,971.21	5,062.46	4,991.39	18.24	13.26	138.76	9.65	928.50	1,000.83	970.67	30.16	33.180	
5,300.00	5,065.90	5,159.87	5,086.97	18.65	13.57	138.88	9.93	947.26	1,023.36	992.52	30.84	33.181	
5,400.00	5,160.60	5,257.28	5,182.56	19.07	13.88	138.99	10.21	966.03	1,045.90	1,014.38	31.52	33.177	
5,500.00	5,255.29	5,354.69	5,278.14	19.48	14.19	139.10	10.49	984.80	1,068.44	1,036.23	32.21	33.170	
5,600.00	5,349.98	5,452.09	5,373.72	19.90	14.51	139.20	10.77	1,003.57	1,090.98	1,058.08	32.90	33.160	
5,700.00	5,444.67	5,549.50	5,469.30	20.32	14.82	139.30	11.04	1,022.34	1,113.53	1,079.94	33.59	33.146	
5,800.00	5,539.37	5,646.91	5,564.88	20.74	15.14	139.40	11.32	1,041.10	1,136.08	1,101.79	34.29	33.131	
5,900.00	5,634.06	5,744.32	5,660.47	21.17	15.46	139.49	11.60	1,059.87	1,158.63	1,123.64	34.99	33.113	
6,000.00	5,728.75	5,841.73	5,756.05	21.59	15.78	139.58	11.88	1,078.64	1,181.19	1,145.49	35.69	33.094	
6,100.00	5,823.45	5,939.13	5,851.63	22.02	16.10	139.66	12.16	1,097.41	1,203.74	1,167.35	36.40	33.073	
6,200.00	5,918.14	6,036.54	5,947.21	22.45	16.42	139.74	12.44	1,116.17	1,226.30	1,189.20	37.10	33.051	
6,300.00	6,012.83	6,133.95	6,042.79	22.88	16.74	139.82	12.72	1,134.94	1,248.87	1,211.05	37.81	33.027	
6,400.00	6,107.53	6,231.36	6,138.38	23.31	17.06	139.89	12.99	1,153.71	1,271.43	1,232.91	38.52	33.003	
6,500.00	6,202.22	6,328.76	6,233.96	23.74	17.39	139.97	13.27	1,172.48	1,294.00	1,254.76	39.24	32.978	
6,600.00	6,296.91	6,426.17	6,329.54	24.17	17.71	140.04	13.55	1,191.24	1,316.56	1,276.61	39.95	32.952	
6,700.00	6,391.60	6,523.58	6,425.12	24.60	18.04	140.11	13.83	1,210.01	1,339.13	1,298.46	40.67	32.926	
6,800.00	6,486.30	6,620.99	6,520.71	25.04	18.36	140.17	14.11	1,228.78	1,361.71	1,320.32	41.39	32.899	
6,900.00	6,580.99	6,718.39	6,616.29	25.47	18.69	140.24	14.39	1,247.55	1,384.28	1,342.17	42.11	32.872	
7,000.00	6,675.68	6,815.80	6,711.87	25.91	19.02	140.30	14.67	1,266.32	1,406.85	1,364.02	42.83	32.845	
7,100.00	6,769.01	6,917.67	6,811.78	26.37	19.37	127.01	14.96	1,286.14	1,429.78	1,386.18	43.60	32.793	
7,200.00	6,857.00	7,058.67	6,944.91	26.93	19.99	117.20	15.42	1,331.72	1,451.85	1,407.03	44.83	32.386	
7,300.00	6,937.46	7,203.82	7,068.04	27.60	20.87	110.76	15.97	1,408.00	1,471.33	1,424.87	46.46	31.667	
7,400.00	7,008.38	7,350.37	7,171.60	28.37	22.00	106.05	16.58	1,511.22	1,487.63	1,439.14	48.48	30.683	
7,500.00	7,068.02	7,495.15	7,248.13	29.23	23.35	102.35	17.20	1,633.76	1,500.37	1,449.52	50.85	29.506	
7,600.00	7,114.92	7,635.27	7,294.04	30.17	24.83	99.37	17.80	1,765.84	1,509.41	1,455.96	53.45	28.239	
7,700.00	7,147.92	7,768.61	7,309.93	31.17	26.34	96.99	18.32	1,897.98	1,514.77	1,458.63	56.15	26.979	
7,800.00	7,166.21	7,869.72	7,309.63	32.22	27.53	95.63	18.70	1,999.09	1,517.33	1,458.87	58.45	25.958	
7,900.00	7,169.96	7,969.56	7,309.21	33.29	28.75	95.34	19.07	2,098.93	1,517.97	1,457.17	60.81	24.964	
8,000.00	7,169.81	8,069.56	7,308.79	34.40	30.01	95.33	19.44	2,198.93	1,518.07	1,454.83	63.24	24.004	
8,100.00	7,169.67	8,169.56	7,308.38	35.55	31.32	95.32	19.81	2,298.93	1,518.17	1,452.41	65.76	23.088	
8,200.00	7,169.52	8,269.56	7,307.96	36.73	32.66	95.31	20.18	2,398.92	1,518.27	1,449.92	68.34	22.215	
8,300.00	7,169.38	8,369.56	7,307.54	37.96	34.03	95.30	20.55	2,498.92	1,518.37	1,447.37	70.99	21.388	
8,400.00	7,169.23	8,469.56	7,307.13	39.21	35.42	95.29	20.92	2,598.92	1,518.46	1,444.77	73.70	20.604	
8,500.00	7,169.08	8,569.56	7,306.71	40.50	36.84	95.28	21.29	2,698.92	1,518.56	1,442.11	76.45	19.863	
8,600.00	7,168.94	8,669.56	7,306.29	41.81	38.28	95.26	21.66	2,798.92	1,518.66	1,439.41	79.25	19.162	
8,700.00	7,168.79	8,769.56	7,305.87	43.15	39.73	95.25	22.03	2,898.91	1,518.76	1,436.67	82.09	18.500	
8,800.00	7,168.65	8,869.56	7,305.46	44.51	41.21	95.24	22.40	2,998.91	1,518.86	1,433.89	84.97	17.875	
8,900.00	7,168.50	8,969.55	7,305.04	45.89	42.70	95.23	22.77	3,098.91	1,518.96	1,431.08	87.88	17.284	
9,000.00	7,168.36	9,069.55	7,304.62	47.29	44.20	95.22	23.14	3,198.91	1,519.06	1,428.24	90.82	16.726	
9,100.00	7,168.21	9,169.55	7,304.20	48.70	45.71	95.21	23.52	3,298.91	1,519.16	1,425.37	93.79	16.198	
9,200.00	7,168.06	9,269.55	7,303.79	50.13	47.23	95.20	23.89	3,398.90	1,519.26	1,422.48	96.78	15.699	
9,300.00	7,167.92	9,369.55	7,303.37	51.58	48.77	95.19	24.26	3,498.90	1,519.35	1,419.57	99.79	15.226	
9,400.00	7,167.77	9,469.55	7,302.95	53.04	50.31	95.18	24.63	3,598.90	1,519.45	1,416.63	102.82	14.778	
9,500.00	7,167.63	9,569.55	7,302.54	54.51	51.86	95.17	25.00	3,698.90	1,519.55	1,413.68	105.87	14.353	
9,600.00	7,167.48	9,669.55	7,302.12	55.99	53.42	95.16	25.37	3,798.90	1,519.65	1,410.71	108.94	13.950	
9,700.00	7,167.34	9,769.55	7,301.70	57.48	54.98	95.15	25.74	3,898.89	1,519.75	1,407.73	112.02	13.566	
9,800.00	7,167.19	9,869.55	7,301.28	58.98	56.56	95.14	26.11	3,998.89	1,519.85	1,404.73	115.12	13.202	
9,900.00	7,167.04	9,969.55	7,300.87	60.49	58.13	95.13	26.48	4,098.89	1,519.95	1,401.72	118.23	12.856	
10,000.00	7,166.90	10,069.55	7,300.45	62.01	59.71	95.12	26.85	4,198.89	1,520.05	1,398.70	121.35	12.526	
10,100.00	7,166.75	10,169.55	7,300.03	63.54	61.30	95.11	27.22	4,298.89	1,520.15	1,395.66	124.49	12.211	
10,200.00	7,166.61	10,269.55	7,299.62	65.07	62.89	95.09	27.59	4,398.88	1,520.25	1,392.62	127.63	11.911	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,166.46	10,369.55	7,299.20	66.61	64.49	95.08	27.96	4,498.88	1,520.35	1,389.56	130.79	11.625	
10,400.00	7,166.32	10,469.55	7,298.78	68.16	66.09	95.07	28.34	4,598.88	1,520.45	1,386.50	133.95	11.351	
10,500.00	7,166.17	10,569.55	7,298.36	69.71	67.69	95.06	28.71	4,698.88	1,520.55	1,383.43	137.12	11.089	
10,600.00	7,166.02	10,669.55	7,297.95	71.26	69.29	95.05	29.08	4,798.88	1,520.65	1,380.35	140.30	10.838	
10,700.00	7,165.88	10,769.55	7,297.53	72.83	70.90	95.04	29.45	4,898.87	1,520.75	1,377.26	143.49	10.598	
10,800.00	7,165.73	10,869.55	7,297.11	74.39	72.52	95.03	29.82	4,998.87	1,520.85	1,374.17	146.68	10.368	
10,900.00	7,165.59	10,969.55	7,296.69	75.97	74.13	95.02	30.19	5,098.87	1,520.95	1,371.06	149.88	10.148	
11,000.00	7,165.44	11,069.55	7,296.28	77.54	75.75	95.01	30.56	5,198.87	1,521.05	1,367.96	153.09	9.936	
11,100.00	7,165.29	11,169.55	7,295.86	79.12	77.37	95.00	30.93	5,298.87	1,521.15	1,364.85	156.30	9.732	
11,200.00	7,165.15	11,269.54	7,295.44	80.70	78.99	94.99	31.30	5,398.86	1,521.25	1,361.73	159.52	9.537	
11,300.00	7,165.00	11,369.54	7,295.03	82.29	80.61	94.98	31.67	5,498.86	1,521.35	1,358.61	162.74	9.348	
11,400.00	7,164.86	11,469.54	7,294.61	83.88	82.24	94.97	32.04	5,598.86	1,521.45	1,355.48	165.96	9.167	
11,500.00	7,164.71	11,569.54	7,294.19	85.47	83.86	94.96	32.41	5,698.86	1,521.55	1,352.35	169.20	8.993	
11,600.00	7,164.57	11,669.54	7,293.77	87.07	85.49	94.95	32.78	5,798.86	1,521.65	1,349.22	172.43	8.825	
11,700.00	7,164.42	11,769.54	7,293.36	88.67	87.12	94.94	33.16	5,898.85	1,521.75	1,346.08	175.67	8.663	
11,800.00	7,164.27	11,869.54	7,292.94	90.27	88.76	94.93	33.53	5,998.85	1,521.85	1,342.94	178.91	8.506	
11,900.00	7,164.13	11,969.54	7,292.52	91.87	90.39	94.91	33.90	6,098.85	1,521.95	1,339.79	182.16	8.355	
12,000.00	7,163.98	12,069.54	7,292.11	93.48	92.03	94.90	34.27	6,198.85	1,522.05	1,336.64	185.41	8.209	
12,100.00	7,163.84	12,169.54	7,291.69	95.09	93.66	94.89	34.64	6,298.85	1,522.15	1,333.49	188.66	8.068	
12,200.00	7,163.69	12,269.54	7,291.27	96.70	95.30	94.88	35.01	6,398.84	1,522.25	1,330.33	191.92	7.932	
12,300.00	7,163.55	12,369.54	7,290.85	98.31	96.94	94.87	35.38	6,498.84	1,522.35	1,327.18	195.18	7.800	
12,400.00	7,163.40	12,469.54	7,290.44	99.93	98.58	94.86	35.75	6,598.84	1,522.45	1,324.01	198.44	7.672	
12,500.00	7,163.25	12,569.54	7,290.02	101.54	100.22	94.85	36.12	6,698.84	1,522.55	1,320.85	201.70	7.549	
12,600.00	7,163.11	12,669.54	7,289.60	103.16	101.86	94.84	36.49	6,798.84	1,522.65	1,317.69	204.97	7.429	
12,700.00	7,162.96	12,769.54	7,289.18	104.78	103.51	94.83	36.86	6,898.83	1,522.75	1,314.52	208.24	7.313	
12,800.00	7,162.82	12,869.54	7,288.77	106.41	105.15	94.82	37.23	6,998.83	1,522.86	1,311.35	211.51	7.200	
12,900.00	7,162.67	12,969.54	7,288.35	108.03	106.79	94.81	37.60	7,098.83	1,522.96	1,308.17	214.78	7.091	
13,000.00	7,162.53	13,069.54	7,287.93	109.65	108.44	94.80	37.98	7,198.83	1,523.06	1,305.00	218.06	6.985	
13,100.00	7,162.38	13,169.54	7,287.52	111.28	110.09	94.79	38.35	7,298.83	1,523.16	1,301.82	221.34	6.882	
13,200.00	7,162.23	13,269.54	7,287.10	112.91	111.73	94.78	38.72	7,398.82	1,523.26	1,298.65	224.61	6.782	
13,300.00	7,162.09	13,369.54	7,286.68	114.54	113.38	94.77	39.09	7,498.82	1,523.36	1,295.47	227.90	6.684	
13,400.00	7,161.94	13,469.53	7,286.26	116.17	115.03	94.76	39.46	7,598.82	1,523.46	1,292.28	231.18	6.590	
13,500.00	7,161.80	13,569.53	7,285.85	117.80	116.68	94.75	39.83	7,698.82	1,523.56	1,289.10	234.46	6.498	
13,600.00	7,161.65	13,669.53	7,285.43	119.43	118.33	94.74	40.20	7,798.82	1,523.66	1,285.92	237.75	6.409	
13,700.00	7,161.51	13,769.53	7,285.01	121.06	119.98	94.72	40.57	7,898.81	1,523.77	1,282.73	241.04	6.322	
13,800.00	7,161.36	13,869.53	7,284.60	122.70	121.63	94.71	40.94	7,998.81	1,523.87	1,279.54	244.33	6.237	
13,900.00	7,161.21	13,969.53	7,284.18	124.33	123.29	94.70	41.31	8,098.81	1,523.97	1,276.35	247.62	6.155	
14,000.00	7,161.07	14,069.53	7,283.76	125.97	124.94	94.69	41.68	8,198.81	1,524.07	1,273.16	250.91	6.074	
14,100.00	7,160.92	14,169.53	7,283.34	127.61	126.59	94.68	42.05	8,298.81	1,524.17	1,269.97	254.20	5.996	
14,200.00	7,160.78	14,269.53	7,282.93	129.24	128.24	94.67	42.42	8,398.80	1,524.27	1,266.78	257.50	5.920	
14,300.00	7,160.63	14,369.53	7,282.51	130.88	129.90	94.66	42.80	8,498.80	1,524.38	1,263.58	260.79	5.845	
14,400.00	7,160.49	14,469.53	7,282.09	132.52	131.55	94.65	43.17	8,598.80	1,524.48	1,260.39	264.09	5.773	
14,500.00	7,160.34	14,569.53	7,281.67	134.16	133.21	94.64	43.54	8,698.80	1,524.58	1,257.19	267.39	5.702	
14,600.00	7,160.19	14,669.53	7,281.26	135.80	134.86	94.63	43.91	8,798.80	1,524.68	1,253.99	270.69	5.633	
14,700.00	7,160.05	14,769.53	7,280.84	137.45	136.52	94.62	44.28	8,898.79	1,524.78	1,250.80	273.99	5.565	
14,800.00	7,159.90	14,869.53	7,280.42	139.09	138.17	94.61	44.65	8,998.79	1,524.88	1,247.60	277.29	5.499	
14,900.00	7,159.76	14,969.53	7,280.01	140.73	139.83	94.60	45.02	9,098.79	1,524.99	1,244.40	280.59	5.435	
15,000.00	7,159.61	15,069.53	7,279.59	142.38	141.49	94.59	45.39	9,198.79	1,525.09	1,241.20	283.89	5.372	
15,100.00	7,159.47	15,169.53	7,279.17	144.02	143.14	94.58	45.76	9,298.79	1,525.19	1,237.99	287.20	5.311	
15,200.00	7,159.32	15,269.53	7,278.75	145.67	144.80	94.57	46.13	9,398.78	1,525.29	1,234.79	290.50	5.251	
15,300.00	7,159.17	15,369.53	7,278.34	147.31	146.46	94.56	46.50	9,498.78	1,525.40	1,231.59	293.81	5.192	
15,400.00	7,159.03	15,469.53	7,277.92	148.96	148.12	94.55	46.87	9,598.78	1,525.50	1,228.38	297.12	5.134	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,158.88	15,569.53	7,277.50	150.61	149.78	94.53	47.24	9,698.78	1,525.60	1,225.18	300.42	5.078	
15,600.00	7,158.74	15,669.53	7,277.09	152.26	151.44	94.52	47.62	9,798.78	1,525.70	1,221.97	303.73	5.023	
15,700.00	7,158.59	15,769.52	7,276.67	153.90	153.10	94.51	47.99	9,898.77	1,525.80	1,218.76	307.04	4.969	
15,800.00	7,158.44	15,869.52	7,276.25	155.55	154.75	94.50	48.36	9,998.77	1,525.91	1,215.56	310.35	4.917	
15,900.00	7,158.30	15,969.52	7,275.83	157.20	156.41	94.49	48.73	10,098.77	1,526.01	1,212.35	313.66	4.865	
16,000.00	7,158.15	16,069.52	7,275.42	158.85	158.07	94.48	49.10	10,198.77	1,526.11	1,209.14	316.97	4.815	
16,100.00	7,158.01	16,169.52	7,275.00	160.50	159.73	94.47	49.47	10,298.77	1,526.21	1,205.93	320.28	4.765	
16,200.00	7,157.86	16,269.52	7,274.58	162.15	161.39	94.46	49.84	10,398.76	1,526.32	1,202.72	323.60	4.717	
16,300.00	7,157.72	16,369.52	7,274.17	163.80	163.06	94.45	50.21	10,498.76	1,526.42	1,199.51	326.91	4.669	
16,400.00	7,157.57	16,469.52	7,273.75	165.46	164.72	94.44	50.58	10,598.76	1,526.52	1,196.30	330.22	4.623	
16,500.00	7,157.42	16,569.52	7,273.33	167.11	166.38	94.43	50.95	10,698.76	1,526.63	1,193.09	333.54	4.577	
16,600.00	7,157.28	16,669.52	7,272.91	168.76	168.04	94.42	51.32	10,798.76	1,526.73	1,189.88	336.85	4.532	
16,700.00	7,157.13	16,769.52	7,272.50	170.41	169.70	94.41	51.69	10,898.75	1,526.83	1,186.66	340.17	4.488	
16,800.00	7,156.99	16,869.52	7,272.08	172.07	171.36	94.40	52.06	10,998.75	1,526.93	1,183.45	343.48	4.445	
16,900.00	7,156.84	16,969.52	7,271.66	173.72	173.02	94.39	52.44	11,098.75	1,527.04	1,180.24	346.80	4.403	
17,000.00	7,156.70	17,069.52	7,271.24	175.37	174.69	94.38	52.81	11,198.75	1,527.14	1,177.02	350.12	4.362	
17,100.00	7,156.55	17,169.52	7,270.83	177.03	176.35	94.37	53.18	11,298.75	1,527.24	1,173.81	353.44	4.321	
17,200.00	7,156.40	17,269.52	7,270.41	178.68	178.01	94.36	53.55	11,398.74	1,527.35	1,170.59	356.75	4.281	
17,300.00	7,156.26	17,369.52	7,269.99	180.34	179.67	94.35	53.92	11,498.74	1,527.45	1,167.38	360.07	4.242	
17,400.00	7,156.11	17,469.52	7,269.58	181.99	181.34	94.33	54.29	11,598.74	1,527.55	1,164.16	363.39	4.204	
17,500.00	7,155.97	17,569.52	7,269.16	183.65	183.00	94.32	54.66	11,698.74	1,527.66	1,160.94	366.71	4.166	
17,600.00	7,155.82	17,669.52	7,268.74	185.30	184.66	94.31	55.03	11,798.74	1,527.76	1,157.73	370.03	4.129	
17,700.00	7,155.68	17,769.52	7,268.32	186.96	186.33	94.30	55.40	11,898.73	1,527.86	1,154.51	373.35	4.092	
17,800.00	7,155.53	17,869.52	7,267.91	188.62	187.99	94.29	55.77	11,998.73	1,527.97	1,151.29	376.67	4.056	
17,900.00	7,155.38	17,969.52	7,267.49	190.27	189.66	94.28	56.14	12,098.73	1,528.07	1,148.08	379.99	4.021	
18,000.00	7,155.24	18,069.51	7,267.07	191.93	191.32	94.27	56.51	12,198.73	1,528.17	1,144.86	383.32	3.987	
18,100.00	7,155.09	18,169.51	7,266.66	193.59	192.98	94.26	56.89	12,298.73	1,528.28	1,141.64	386.64	3.953	
18,200.00	7,154.95	18,187.14	7,266.58	195.24	193.27	94.26	56.95	12,316.35	1,530.60	1,143.14	387.46	3.950 SF	
18,263.53	7,154.85	18,187.14	7,266.58	196.30	193.27	94.26	56.95	12,316.35	1,535.40	1,148.48	386.91	3.968	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	-2.00	3.28	3.28	90.42	-1.46	199.90	199.90				
100.00	100.00	102.00	98.00	3.28	3.28	90.42	-1.46	199.90	199.90	192.37	7.53	26.551	
200.00	200.00	202.00	198.00	3.31	3.31	90.42	-1.46	199.90	199.90	192.33	7.57	26.391	CC, ES
300.00	300.00	292.94	292.93	3.35	3.34	44.88	-1.58	200.82	200.74	193.08	7.66	26.219	
400.00	399.95	386.35	386.25	3.42	3.40	45.54	-2.10	204.68	202.80	195.03	7.77	26.104	
500.00	499.74	479.54	479.19	3.51	3.48	46.91	-3.01	211.54	205.73	197.82	7.91	25.994	
600.00	599.24	572.42	571.53	3.62	3.58	48.93	-4.32	221.36	209.74	201.65	8.09	25.910	
700.00	698.33	664.85	663.06	3.76	3.71	51.52	-6.02	234.06	215.10	206.79	8.31	25.875	
800.00	796.90	759.81	756.68	3.93	3.87	54.68	-8.12	249.85	221.84	213.25	8.59	25.819	
900.00	894.81	858.42	853.80	4.14	4.07	58.47	-10.38	266.72	228.00	219.05	8.95	25.472	
1,000.00	991.96	956.62	950.54	4.40	4.30	62.77	-12.62	283.52	233.58	224.20	9.38	24.912	
1,100.00	1,088.23	1,054.32	1,046.77	4.71	4.54	67.56	-14.85	300.24	239.15	229.27	9.88	24.213	
1,200.00	1,183.49	1,151.38	1,142.37	5.07	4.80	72.80	-17.06	316.85	245.41	234.94	10.46	23.452	
1,300.00	1,278.18	1,248.07	1,237.61	5.48	5.08	78.21	-19.27	333.39	253.42	242.29	11.13	22.773	
1,400.00	1,372.87	1,344.76	1,332.84	5.91	5.36	83.28	-21.48	349.93	263.67	251.82	11.84	22.262	
1,500.00	1,467.57	1,441.44	1,428.08	6.37	5.66	87.95	-23.69	366.48	275.90	263.31	12.59	21.906	
1,600.00	1,562.26	1,538.13	1,523.32	6.85	5.96	92.22	-25.89	383.02	289.87	276.50	13.37	21.677	
1,700.00	1,656.95	1,634.82	1,618.55	7.34	6.28	96.09	-28.10	399.56	305.34	291.18	14.17	21.556	
1,800.00	1,751.65	1,731.51	1,713.79	7.85	6.60	99.59	-30.31	416.11	322.10	307.13	14.97	21.518	
1,900.00	1,846.34	1,828.20	1,809.03	8.13	6.88	102.75	-32.51	432.65	339.94	324.80	15.14	22.451	
2,000.00	1,941.03	1,924.88	1,904.26	8.21	7.02	105.59	-34.72	449.19	358.72	343.36	15.36	23.358	
2,100.00	2,035.73	2,021.57	1,999.50	8.32	7.06	108.16	-36.93	465.74	378.28	362.78	15.50	24.408	
2,200.00	2,130.42	2,118.26	2,094.73	8.45	7.12	110.47	-39.14	482.28	398.52	382.85	15.67	25.432	
2,300.00	2,225.11	2,214.95	2,189.97	8.60	7.19	112.56	-41.34	498.82	419.34	403.47	15.87	26.418	
2,400.00	2,319.81	2,311.63	2,285.21	8.78	7.28	114.46	-43.55	515.37	440.65	424.55	16.11	27.358	
2,500.00	2,414.50	2,408.32	2,380.44	8.97	7.38	116.18	-45.76	531.91	462.39	446.02	16.37	28.246	
2,600.00	2,509.19	2,505.01	2,475.68	9.19	7.49	117.75	-47.96	548.45	484.50	467.84	16.66	29.078	
2,700.00	2,603.88	2,601.70	2,570.92	9.42	7.62	119.18	-50.17	565.00	506.93	489.95	16.98	29.853	
2,800.00	2,698.58	2,701.62	2,666.15	9.66	7.76	120.50	-52.38	581.54	529.64	512.31	17.33	30.560	
2,900.00	2,793.27	2,795.07	2,761.39	9.93	7.91	121.70	-54.59	598.08	552.60	534.90	17.70	31.226	
3,000.00	2,887.96	2,908.24	2,856.62	10.20	8.10	122.81	-56.79	614.63	575.77	557.65	18.12	31.780	
3,100.00	2,982.66	2,988.45	2,951.86	10.49	8.24	123.84	-59.00	631.17	599.14	580.63	18.50	32.378	
3,200.00	3,077.35	3,085.13	3,047.10	10.79	8.42	124.79	-61.21	647.71	622.67	603.73	18.94	32.877	
3,300.00	3,172.04	3,181.82	3,142.33	11.10	8.61	125.67	-63.42	664.26	646.35	626.96	19.39	33.328	
3,400.00	3,266.74	3,278.51	3,237.57	11.42	8.81	126.49	-65.62	680.80	670.17	650.31	19.87	33.736	
3,500.00	3,361.43	3,375.20	3,332.81	11.75	9.02	127.25	-67.83	697.34	694.11	673.76	20.35	34.103	
3,600.00	3,456.12	3,471.89	3,428.04	12.09	9.23	127.96	-70.04	713.89	718.16	697.31	20.86	34.433	
3,700.00	3,550.81	3,568.57	3,523.28	12.44	9.45	128.63	-72.24	730.43	742.31	720.94	21.37	34.729	
3,800.00	3,645.51	3,665.26	3,618.52	12.79	9.68	129.25	-74.45	746.97	766.55	744.64	21.90	34.994	
3,900.00	3,740.20	3,761.95	3,713.75	13.15	9.91	129.84	-76.66	763.52	790.87	768.42	22.45	35.231	
4,000.00	3,834.89	3,858.64	3,808.99	13.52	10.15	130.39	-78.87	780.06	815.26	792.26	23.00	35.443	
4,100.00	3,929.59	3,955.32	3,904.22	13.89	10.39	130.91	-81.07	796.60	839.72	816.15	23.57	35.632	
4,200.00	4,024.28	4,052.01	3,999.46	14.26	10.64	131.40	-83.28	813.15	864.24	840.10	24.14	35.799	
4,300.00	4,118.97	4,148.70	4,094.70	14.65	10.89	131.86	-85.49	829.69	888.82	864.09	24.72	35.948	
4,400.00	4,213.67	4,245.39	4,189.93	15.03	11.15	132.30	-87.69	846.23	913.45	888.13	25.32	36.080	
4,500.00	4,308.36	4,342.07	4,285.17	15.42	11.41	132.72	-89.90	862.78	938.12	912.21	25.92	36.197	
4,600.00	4,403.05	4,438.76	4,380.41	15.81	11.67	133.11	-92.11	879.32	962.85	936.32	26.52	36.300	
4,700.00	4,497.74	4,535.45	4,475.64	16.21	11.94	133.49	-94.32	895.86	987.61	960.47	27.14	36.391	
4,800.00	4,592.44	4,632.14	4,570.88	16.61	12.21	133.84	-96.52	912.41	1,012.41	984.65	27.76	36.471	
4,900.00	4,687.13	4,728.83	4,666.11	17.01	12.48	134.18	-98.73	928.95	1,037.24	1,008.86	28.39	36.541	
5,000.00	4,781.82	4,825.51	4,761.35	17.42	12.76	134.51	-100.94	945.49	1,062.11	1,033.09	29.02	36.602	
5,100.00	4,876.52	4,922.20	4,856.59	17.83	13.04	134.82	-103.15	962.04	1,087.01	1,057.36	29.65	36.655	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,971.21	5,018.89	4,951.82	18.24	13.32	135.11	-105.35	978.58	1,111.94	1,081.64	30.30	36.701		
5,300.00	5,065.90	5,115.58	5,047.06	18.65	13.60	135.39	-107.56	995.12	1,136.89	1,105.95	30.94	36.740		
5,400.00	5,160.60	5,212.26	5,142.30	19.07	13.89	135.66	-109.77	1,011.67	1,161.87	1,130.27	31.60	36.774		
5,500.00	5,255.29	5,308.95	5,237.53	19.48	14.18	135.92	-111.97	1,028.21	1,186.87	1,154.62	32.25	36.802		
5,600.00	5,349.98	5,405.64	5,332.77	19.90	14.47	136.17	-114.18	1,044.75	1,211.89	1,178.98	32.91	36.825		
5,700.00	5,444.67	5,502.33	5,428.00	20.32	14.76	136.41	-116.39	1,061.30	1,236.94	1,203.37	33.57	36.845		
5,800.00	5,539.37	5,600.99	5,523.24	20.74	15.06	136.64	-118.60	1,077.84	1,262.00	1,227.76	34.24	36.854		
5,900.00	5,634.06	5,704.30	5,618.48	21.17	15.37	136.86	-120.80	1,094.38	1,287.08	1,252.15	34.93	36.844		
6,000.00	5,728.75	5,807.61	5,713.71	21.59	15.69	137.07	-123.01	1,110.93	1,312.18	1,276.55	35.63	36.833		
6,100.00	5,823.45	5,889.08	5,808.95	22.02	15.94	137.27	-125.22	1,127.47	1,337.29	1,301.04	36.25	36.887		
6,200.00	5,918.14	5,985.76	5,904.19	22.45	16.24	137.47	-127.42	1,144.01	1,362.42	1,325.49	36.93	36.890		
6,300.00	6,012.83	6,082.45	5,999.42	22.88	16.54	137.65	-129.63	1,160.56	1,387.57	1,349.96	37.61	36.892		
6,400.00	6,107.53	6,179.14	6,094.66	23.31	16.84	137.84	-131.84	1,177.10	1,412.73	1,374.43	38.29	36.891		
6,500.00	6,202.22	6,275.83	6,189.90	23.74	17.14	138.01	-134.05	1,193.64	1,437.90	1,398.92	38.98	36.889		
6,600.00	6,296.91	6,372.52	6,285.13	24.17	17.45	138.18	-136.25	1,210.19	1,463.08	1,423.41	39.67	36.884		
6,700.00	6,391.60	6,469.20	6,380.37	24.60	17.75	138.35	-138.46	1,226.73	1,488.27	1,447.92	40.36	36.879		
6,800.00	6,486.30	6,565.89	6,475.60	25.04	18.06	138.50	-140.67	1,243.27	1,513.48	1,472.43	41.05	36.872		
6,900.00	6,580.99	6,662.58	6,570.84	25.47	18.36	138.66	-142.87	1,259.82	1,538.69	1,496.95	41.74	36.864		
7,000.00	6,675.68	6,784.03	6,689.04	25.91	18.80	138.60	-145.57	1,287.01	1,563.39	1,520.76	42.63	36.672		
7,100.00	6,769.01	6,914.03	6,807.63	26.37	19.43	124.32	-148.13	1,339.65	1,586.28	1,542.47	43.80	36.215		
7,200.00	6,857.00	7,039.87	6,909.96	26.93	20.21	113.21	-150.17	1,412.51	1,607.53	1,562.30	45.22	35.545		
7,300.00	6,937.46	7,161.01	6,993.12	27.60	21.11	105.70	-151.66	1,500.34	1,626.76	1,579.88	46.88	34.700		
7,400.00	7,008.38	7,277.18	7,055.89	28.37	22.13	100.19	-152.60	1,597.88	1,643.60	1,594.87	48.74	33.725		
7,500.00	7,068.02	7,388.32	7,098.42	29.23	23.22	95.99	-153.02	1,700.41	1,657.74	1,606.99	50.74	32.668		
7,600.00	7,114.92	7,494.58	7,121.85	30.17	24.34	92.75	-152.97	1,803.93	1,668.89	1,616.04	52.85	31.578		
7,700.00	7,147.92	7,604.15	7,127.96	31.17	25.55	90.33	-152.51	1,904.91	1,676.82	1,621.74	55.08	30.443		
7,800.00	7,166.21	7,706.11	7,127.52	32.22	26.74	88.91	-151.91	2,002.95	1,681.37	1,624.05	57.32	29.333		
7,900.00	7,169.96	7,806.28	7,127.08	33.29	27.95	88.61	-151.31	2,102.78	1,682.27	1,622.62	59.65	28.202		
8,000.00	7,169.81	7,906.28	7,126.63	34.40	29.21	88.60	-150.70	2,202.78	1,682.17	1,620.10	62.07	27.100		
8,100.00	7,169.67	8,006.28	7,126.18	35.55	30.51	88.59	-150.09	2,302.78	1,682.06	1,617.48	64.58	26.047		
8,200.00	7,169.52	8,106.28	7,125.74	36.73	31.84	88.58	-149.48	2,402.77	1,681.96	1,614.80	67.16	25.045		
8,300.00	7,169.38	8,206.28	7,125.29	37.96	33.21	88.57	-148.87	2,502.77	1,681.85	1,612.05	69.80	24.095		
8,400.00	7,169.23	8,306.28	7,124.85	39.21	34.60	88.56	-148.27	2,602.77	1,681.74	1,609.24	72.50	23.196		
8,500.00	7,169.08	8,406.28	7,124.40	40.50	36.02	88.55	-147.66	2,702.76	1,681.64	1,606.39	75.25	22.346		
8,600.00	7,168.94	8,506.28	7,123.95	41.81	37.46	88.54	-147.05	2,802.76	1,681.53	1,603.48	78.05	21.544		
8,700.00	7,168.79	8,606.28	7,123.51	43.15	38.92	88.52	-146.44	2,902.76	1,681.43	1,600.54	80.89	20.786		
8,800.00	7,168.65	8,706.28	7,123.06	44.51	40.39	88.51	-145.83	3,002.75	1,681.32	1,597.55	83.77	20.071		
8,900.00	7,168.50	8,806.28	7,122.61	45.89	41.88	88.50	-145.23	3,102.75	1,681.22	1,594.54	86.68	19.396		
9,000.00	7,168.36	8,906.28	7,122.17	47.29	43.38	88.49	-144.62	3,202.75	1,681.11	1,591.49	89.62	18.758		
9,100.00	7,168.21	9,006.28	7,121.72	48.70	44.90	88.48	-144.01	3,302.74	1,681.01	1,588.42	92.59	18.156		
9,200.00	7,168.06	9,106.28	7,121.27	50.13	46.42	88.47	-143.40	3,402.74	1,680.90	1,585.32	95.58	17.586		
9,300.00	7,167.92	9,206.28	7,120.83	51.58	47.96	88.46	-142.79	3,502.74	1,680.80	1,582.20	98.60	17.047		
9,400.00	7,167.77	9,306.28	7,120.38	53.04	49.50	88.45	-142.18	3,602.73	1,680.69	1,579.06	101.63	16.537		
9,500.00	7,167.63	9,406.28	7,119.94	54.51	51.05	88.44	-141.58	3,702.73	1,680.59	1,575.90	104.68	16.054		
9,600.00	7,167.48	9,506.28	7,119.49	55.99	52.61	88.43	-140.97	3,802.73	1,680.48	1,572.73	107.76	15.595		
9,700.00	7,167.34	9,606.28	7,119.04	57.48	54.18	88.42	-140.36	3,902.72	1,680.38	1,569.53	110.84	15.160		
9,800.00	7,167.19	9,706.29	7,118.60	58.98	55.75	88.41	-139.75	4,002.72	1,680.27	1,566.33	113.94	14.747		
9,900.00	7,167.04	9,806.29	7,118.15	60.49	57.33	88.40	-139.14	4,102.72	1,680.17	1,563.11	117.06	14.353		
10,000.00	7,166.90	9,906.29	7,117.70	62.01	58.91	88.39	-138.53	4,202.71	1,680.06	1,559.88	120.18	13.979		
10,100.00	7,166.75	10,006.29	7,117.26	63.54	60.50	88.38	-137.93	4,302.71	1,679.96	1,556.64	123.32	13.623		
10,200.00	7,166.61	10,106.29	7,116.81	65.07	62.10	88.37	-137.32	4,402.71	1,679.85	1,553.38	126.47	13.283		
10,300.00	7,166.46	10,206.29	7,116.37	66.61	63.69	88.36	-136.71	4,502.70	1,679.75	1,550.12	129.63	12.958		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,400.00	7,166.32	10,306.29	7,115.92	68.16	65.29	88.35	-136.10	4,602.70	1,679.64	1,546.85	132.79	12.649	
10,500.00	7,166.17	10,406.29	7,115.47	69.71	66.90	88.34	-135.49	4,702.70	1,679.54	1,543.57	135.97	12.352	
10,600.00	7,166.02	10,506.29	7,115.03	71.26	68.50	88.33	-134.89	4,802.69	1,679.43	1,540.28	139.15	12.069	
10,700.00	7,165.88	10,606.29	7,114.58	72.83	70.11	88.32	-134.28	4,902.69	1,679.33	1,536.99	142.34	11.798	
10,800.00	7,165.73	10,706.29	7,114.13	74.39	71.73	88.31	-133.67	5,002.69	1,679.22	1,533.69	145.54	11.538	
10,900.00	7,165.59	10,806.29	7,113.69	75.97	73.34	88.30	-133.06	5,102.68	1,679.12	1,530.38	148.74	11.289	
11,000.00	7,165.44	10,906.29	7,113.24	77.54	74.96	88.29	-132.45	5,202.68	1,679.02	1,527.07	151.95	11.050	
11,100.00	7,165.29	11,006.29	7,112.79	79.12	76.58	88.28	-131.84	5,302.68	1,678.91	1,523.75	155.16	10.820	
11,200.00	7,165.15	11,106.29	7,112.35	80.70	78.20	88.27	-131.24	5,402.67	1,678.81	1,520.42	158.38	10.600	
11,300.00	7,165.00	11,206.29	7,111.90	82.29	79.83	88.26	-130.63	5,502.67	1,678.70	1,517.10	161.61	10.388	
11,400.00	7,164.86	11,306.29	7,111.46	83.88	81.46	88.25	-130.02	5,602.67	1,678.60	1,513.76	164.84	10.183	
11,500.00	7,164.71	11,406.29	7,111.01	85.47	83.08	88.23	-129.41	5,702.66	1,678.50	1,510.43	168.07	9.987	
11,600.00	7,164.57	11,506.29	7,110.56	87.07	84.72	88.22	-128.80	5,802.66	1,678.39	1,507.08	171.31	9.798	
11,700.00	7,164.42	11,606.30	7,110.12	88.67	86.35	88.21	-128.19	5,902.66	1,678.29	1,503.74	174.55	9.615	
11,800.00	7,164.27	11,706.30	7,109.67	90.27	87.98	88.20	-127.59	6,002.65	1,678.18	1,500.39	177.79	9.439	
11,900.00	7,164.13	11,806.30	7,109.22	91.87	89.62	88.19	-126.98	6,102.65	1,678.08	1,497.04	181.04	9.269	
12,000.00	7,163.98	11,906.30	7,108.78	93.48	91.25	88.18	-126.37	6,202.65	1,677.98	1,493.68	184.29	9.105	
12,100.00	7,163.84	12,006.30	7,108.33	95.09	92.89	88.17	-125.76	6,302.64	1,677.87	1,490.32	187.55	8.946	
12,200.00	7,163.69	12,106.30	7,107.89	96.70	94.53	88.16	-125.15	6,402.64	1,677.77	1,486.96	190.81	8.793	
12,300.00	7,163.55	12,206.30	7,107.44	98.31	96.17	88.15	-124.55	6,502.64	1,677.67	1,483.60	194.07	8.645	
12,400.00	7,163.40	12,306.30	7,106.99	99.93	97.81	88.14	-123.94	6,602.63	1,677.56	1,480.23	197.33	8.501	
12,500.00	7,163.25	12,406.30	7,106.55	101.54	99.45	88.13	-123.33	6,702.63	1,677.46	1,476.86	200.60	8.362	
12,600.00	7,163.11	12,506.30	7,106.10	103.16	101.09	88.12	-122.72	6,802.63	1,677.36	1,473.49	203.86	8.228	
12,700.00	7,162.96	12,606.30	7,105.65	104.78	102.74	88.11	-122.11	6,902.62	1,677.25	1,470.12	207.13	8.097	
12,800.00	7,162.82	12,706.30	7,105.21	106.41	104.38	88.10	-121.50	7,002.62	1,677.15	1,466.74	210.41	7.971	
12,900.00	7,162.67	12,806.30	7,104.76	108.03	106.03	88.09	-120.90	7,102.61	1,677.05	1,463.37	213.68	7.848	
13,000.00	7,162.53	12,906.30	7,104.32	109.65	107.67	88.08	-120.29	7,202.61	1,676.94	1,459.99	216.96	7.729	
13,100.00	7,162.38	13,006.30	7,103.87	111.28	109.32	88.07	-119.68	7,302.61	1,676.84	1,456.60	220.23	7.614	
13,200.00	7,162.23	13,106.30	7,103.42	112.91	110.97	88.06	-119.07	7,402.60	1,676.74	1,453.22	223.52	7.502	
13,300.00	7,162.09	13,206.30	7,102.98	114.54	112.62	88.05	-118.46	7,502.60	1,676.63	1,449.84	226.80	7.393	
13,400.00	7,161.94	13,306.30	7,102.53	116.17	114.27	88.04	-117.85	7,602.60	1,676.53	1,446.45	230.08	7.287	
13,500.00	7,161.80	13,406.30	7,102.08	117.80	115.92	88.03	-117.25	7,702.59	1,676.43	1,443.06	233.37	7.184	
13,600.00	7,161.65	13,506.31	7,101.64	119.43	117.57	88.02	-116.64	7,802.59	1,676.32	1,439.67	236.65	7.084	
13,700.00	7,161.51	13,606.31	7,101.19	121.06	119.22	88.01	-116.03	7,902.59	1,676.22	1,436.28	239.94	6.986	
13,800.00	7,161.36	13,706.31	7,100.74	122.70	120.87	88.00	-115.42	8,002.58	1,676.12	1,432.89	243.23	6.891	
13,900.00	7,161.21	13,806.31	7,100.30	124.33	122.52	87.99	-114.81	8,102.58	1,676.02	1,429.50	246.52	6.799	
14,000.00	7,161.07	13,906.31	7,099.85	125.97	124.18	87.98	-114.21	8,202.58	1,675.91	1,426.10	249.81	6.709	
14,100.00	7,160.92	14,006.31	7,099.41	127.61	125.83	87.96	-113.60	8,302.57	1,675.81	1,422.71	253.10	6.621	
14,200.00	7,160.78	14,106.31	7,098.96	129.24	127.48	87.95	-112.99	8,402.57	1,675.71	1,419.31	256.40	6.536	
14,300.00	7,160.63	14,206.31	7,098.51	130.88	129.14	87.94	-112.38	8,502.57	1,675.61	1,415.91	259.69	6.452	
14,400.00	7,160.49	14,306.31	7,098.07	132.52	130.79	87.93	-111.77	8,602.56	1,675.50	1,412.51	262.99	6.371	
14,500.00	7,160.34	14,406.31	7,097.62	134.16	132.45	87.92	-111.16	8,702.56	1,675.40	1,409.11	266.29	6.292	
14,600.00	7,160.19	14,506.31	7,097.17	135.80	134.10	87.91	-110.56	8,802.56	1,675.30	1,405.71	269.59	6.214	
14,700.00	7,160.05	14,606.31	7,096.73	137.45	135.76	87.90	-109.95	8,902.55	1,675.20	1,402.31	272.88	6.139	
14,800.00	7,159.90	14,706.31	7,096.28	139.09	137.42	87.89	-109.34	9,002.55	1,675.09	1,398.91	276.18	6.065	
14,900.00	7,159.76	14,806.31	7,095.84	140.73	139.07	87.88	-108.73	9,102.55	1,674.99	1,395.51	279.49	5.993	
15,000.00	7,159.61	14,906.31	7,095.39	142.38	140.73	87.87	-108.12	9,202.54	1,674.89	1,392.10	282.79	5.923	
15,100.00	7,159.47	15,006.31	7,094.94	144.02	142.39	87.86	-107.52	9,302.54	1,674.79	1,388.70	286.09	5.854	
15,200.00	7,159.32	15,106.31	7,094.50	145.67	144.05	87.85	-106.91	9,402.54	1,674.69	1,385.29	289.39	5.787	
15,300.00	7,159.17	15,206.31	7,094.05	147.31	145.70	87.84	-106.30	9,502.53	1,674.58	1,381.89	292.70	5.721	
15,400.00	7,159.03	15,306.31	7,093.60	148.96	147.36	87.83	-105.69	9,602.53	1,674.48	1,378.48	296.00	5.657	
15,500.00	7,158.88	15,406.31	7,093.16	150.61	149.02	87.82	-105.08	9,702.53	1,674.38	1,375.07	299.31	5.594	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,600.00	7,158.74	15,506.32	7,092.71	152.26	150.68	87.81	-104.47	9,802.52	1,674.28	1,371.66	302.62	5.533	
15,700.00	7,158.59	15,606.32	7,092.27	153.90	152.34	87.80	-103.87	9,902.52	1,674.18	1,368.26	305.92	5.473	
15,800.00	7,158.44	15,706.32	7,091.82	155.55	154.00	87.79	-103.26	10,002.52	1,674.08	1,364.85	309.23	5.414	
15,900.00	7,158.30	15,806.32	7,091.37	157.20	155.66	87.78	-102.65	10,102.51	1,673.97	1,361.44	312.54	5.356	
16,000.00	7,158.15	15,906.32	7,090.93	158.85	157.32	87.77	-102.04	10,202.51	1,673.87	1,358.03	315.85	5.300	
16,100.00	7,158.01	16,006.32	7,090.48	160.50	158.98	87.76	-101.43	10,302.51	1,673.77	1,354.61	319.16	5.244	
16,200.00	7,157.86	16,106.32	7,090.03	162.15	160.64	87.75	-100.82	10,402.50	1,673.67	1,351.20	322.47	5.190	
16,300.00	7,157.72	16,206.32	7,089.59	163.80	162.30	87.74	-100.22	10,502.50	1,673.57	1,347.79	325.78	5.137	
16,400.00	7,157.57	16,306.32	7,089.14	165.46	163.96	87.73	-99.61	10,602.50	1,673.47	1,344.38	329.09	5.085	
16,500.00	7,157.42	16,406.32	7,088.69	167.11	165.62	87.71	-99.00	10,702.49	1,673.37	1,340.97	332.40	5.034	
16,600.00	7,157.28	16,506.32	7,088.25	168.76	167.29	87.70	-98.39	10,802.49	1,673.27	1,337.55	335.71	4.984	
16,700.00	7,157.13	16,606.32	7,087.80	170.41	168.95	87.69	-97.78	10,902.49	1,673.16	1,334.14	339.02	4.935	
16,800.00	7,156.99	16,706.32	7,087.36	172.07	170.61	87.68	-97.18	11,002.48	1,673.06	1,330.73	342.34	4.887	
16,900.00	7,156.84	16,806.32	7,086.91	173.72	172.27	87.67	-96.57	11,102.48	1,672.96	1,327.31	345.65	4.840	
17,000.00	7,156.70	16,906.32	7,086.46	175.37	173.93	87.66	-95.96	11,202.48	1,672.86	1,323.90	348.96	4.794	
17,100.00	7,156.55	17,006.32	7,086.02	177.03	175.60	87.65	-95.35	11,302.47	1,672.76	1,320.48	352.28	4.748	
17,200.00	7,156.40	17,106.32	7,085.57	178.68	177.26	87.64	-94.74	11,402.47	1,672.66	1,317.07	355.59	4.704	
17,300.00	7,156.26	17,206.32	7,085.12	180.34	178.92	87.63	-94.13	11,502.47	1,672.56	1,313.65	358.91	4.660	
17,400.00	7,156.11	17,306.32	7,084.68	181.99	180.59	87.62	-93.53	11,602.46	1,672.46	1,310.23	362.22	4.617	
17,500.00	7,155.97	17,406.33	7,084.23	183.65	182.25	87.61	-92.92	11,702.46	1,672.36	1,306.82	365.54	4.575	
17,600.00	7,155.82	17,506.33	7,083.79	185.30	183.91	87.60	-92.31	11,802.46	1,672.26	1,303.40	368.85	4.534	
17,700.00	7,155.68	17,606.33	7,083.34	186.96	185.58	87.59	-91.70	11,902.45	1,672.16	1,299.98	372.17	4.493	
17,800.00	7,155.53	17,706.33	7,082.89	188.62	187.24	87.58	-91.09	12,002.45	1,672.06	1,296.57	375.49	4.453	
17,900.00	7,155.38	17,806.33	7,082.45	190.27	188.90	87.57	-90.48	12,102.45	1,671.95	1,293.15	378.80	4.414	
18,000.00	7,155.24	17,893.69	7,082.00	191.93	190.36	87.56	-89.88	12,202.44	1,671.85	1,289.94	381.91	4.378	
18,100.00	7,155.09	17,993.67	7,081.55	193.59	192.02	87.55	-89.27	12,302.44	1,671.75	1,286.53	385.23	4.340	
18,105.73	7,155.08	17,999.40	7,081.53	193.68	192.12	87.55	-89.23	12,308.17	1,671.75	1,286.33	385.42	4.337 SF	
18,200.00	7,154.95	17,993.68	7,081.55	195.24	192.02	87.55	-89.27	12,302.45	1,674.64	1,289.06	385.58	4.343	
18,263.53	7,154.85	17,993.68	7,081.55	196.30	192.02	87.55	-89.27	12,302.45	1,679.57	1,294.45	385.12	4.361	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.38	-1.46	219.94	219.95				
100.00	100.00	103.00	97.00	3.28	3.28	90.38	-1.46	219.94	219.95	212.42	7.53	29.213	
200.00	200.00	197.00	197.00	3.31	3.30	90.38	-1.46	219.94	219.95	212.38	7.57	29.044	CC, ES
300.00	300.00	290.36	290.34	3.35	3.34	44.92	-1.90	221.30	221.26	213.60	7.65	28.909	
400.00	399.95	383.36	383.23	3.42	3.40	45.72	-3.27	225.52	223.74	215.97	7.76	28.815	
500.00	499.74	476.05	475.62	3.51	3.48	47.29	-5.57	232.58	227.02	219.11	7.91	28.703	
600.00	599.24	568.27	567.26	3.62	3.58	49.56	-8.76	242.42	231.37	223.28	8.09	28.603	
700.00	698.33	659.87	657.90	3.76	3.71	52.43	-12.84	254.97	237.16	228.86	8.31	28.554	
800.00	796.90	755.86	752.52	3.93	3.87	55.98	-17.84	270.36	244.15	235.55	8.59	28.412	
900.00	894.81	853.95	849.17	4.14	4.08	60.06	-23.00	286.24	250.56	241.61	8.95	27.998	
1,000.00	991.96	951.55	945.35	4.40	4.30	64.57	-28.13	302.04	256.78	247.41	9.37	27.406	
1,100.00	1,088.23	1,048.54	1,040.93	4.71	4.55	69.47	-33.24	317.74	263.41	253.55	9.86	26.708	
1,200.00	1,183.49	1,144.81	1,135.79	5.07	4.80	74.70	-38.30	333.33	271.14	260.70	10.44	25.976	
1,300.00	1,278.18	1,240.66	1,230.24	5.48	5.08	80.08	-43.34	348.84	280.94	269.86	11.09	25.343	
1,400.00	1,372.87	1,336.50	1,324.68	5.91	5.36	85.08	-48.38	364.36	293.20	281.42	11.78	24.889	
1,500.00	1,467.57	1,432.35	1,419.13	6.37	5.65	89.68	-53.42	379.87	307.63	295.12	12.51	24.589	
1,600.00	1,562.26	1,528.20	1,513.58	6.85	5.96	93.86	-58.46	395.39	323.93	310.67	13.26	24.422	
1,700.00	1,656.95	1,624.04	1,608.03	7.34	6.27	97.65	-63.50	410.90	341.84	327.80	14.03	24.359	
1,800.00	1,751.65	1,719.89	1,702.47	7.85	6.58	101.06	-68.55	426.42	361.11	346.30	14.81	24.378	
1,900.00	1,846.34	1,815.73	1,796.92	8.13	6.88	104.14	-73.59	441.93	381.55	366.39	15.16	25.172	
2,000.00	1,941.03	1,911.58	1,891.37	8.21	7.04	106.90	-78.63	457.45	402.97	387.76	15.21	26.497	
2,100.00	2,035.73	2,007.43	1,985.82	8.32	7.08	109.39	-83.67	472.97	425.22	409.88	15.34	27.717	
2,200.00	2,130.42	2,103.27	2,080.26	8.45	7.13	111.64	-88.71	488.48	448.18	432.68	15.51	28.903	
2,300.00	2,225.11	2,200.88	2,174.71	8.60	7.20	113.67	-93.75	504.00	471.76	456.05	15.70	30.039	
2,400.00	2,319.81	2,305.04	2,269.16	8.78	7.30	115.51	-98.79	519.51	495.85	479.91	15.94	31.106	
2,500.00	2,414.50	2,409.19	2,363.61	8.97	7.40	117.18	-103.83	535.03	520.39	504.18	16.21	32.106	
2,600.00	2,509.19	2,486.66	2,458.05	9.19	7.49	118.70	-108.88	550.54	545.31	528.84	16.48	33.097	
2,700.00	2,603.88	2,582.50	2,552.50	9.42	7.62	120.10	-113.92	566.06	570.58	553.79	16.79	33.983	
2,800.00	2,698.58	2,678.35	2,646.95	9.66	7.75	121.37	-118.96	581.57	596.14	579.01	17.13	34.801	
2,900.00	2,793.27	2,774.20	2,741.40	9.93	7.90	122.54	-124.00	597.09	621.95	604.46	17.49	35.552	
3,000.00	2,887.96	2,870.04	2,835.84	10.20	8.06	123.62	-129.04	612.60	648.00	630.12	17.88	36.239	
3,100.00	2,982.66	2,965.89	2,930.29	10.49	8.22	124.62	-134.08	628.12	674.24	655.95	18.29	36.864	
3,200.00	3,077.35	3,061.73	3,024.74	10.79	8.40	125.54	-139.12	643.64	700.66	681.94	18.72	37.430	
3,300.00	3,172.04	3,157.58	3,119.19	11.10	8.59	126.40	-144.16	659.15	727.24	708.08	19.17	37.943	
3,400.00	3,266.74	3,253.43	3,213.63	11.42	8.78	127.20	-149.20	674.67	753.97	734.33	19.63	38.405	
3,500.00	3,361.43	3,349.27	3,308.08	11.75	8.98	127.94	-154.25	690.18	780.82	760.70	20.11	38.820	
3,600.00	3,456.12	3,445.12	3,402.53	12.09	9.19	128.63	-159.29	705.70	807.78	787.17	20.61	39.193	
3,700.00	3,550.81	3,540.96	3,496.98	12.44	9.41	129.28	-164.33	721.21	834.85	813.73	21.12	39.526	
3,800.00	3,645.51	3,636.81	3,591.42	12.79	9.63	129.89	-169.37	736.73	862.01	840.37	21.65	39.825	
3,900.00	3,740.20	3,732.66	3,685.87	13.15	9.86	130.46	-174.41	752.24	889.26	867.08	22.18	40.090	
4,000.00	3,834.89	3,828.50	3,780.32	13.52	10.09	131.00	-179.45	767.76	916.58	893.85	22.73	40.327	
4,100.00	3,929.59	3,924.35	3,874.77	13.89	10.33	131.50	-184.49	783.27	943.98	920.69	23.29	40.537	
4,200.00	4,024.28	4,020.19	3,969.21	14.26	10.58	131.98	-189.53	798.79	971.44	947.59	23.85	40.724	
4,300.00	4,118.97	4,116.04	4,063.66	14.65	10.82	132.43	-194.57	814.31	998.96	974.53	24.43	40.889	
4,400.00	4,213.67	4,211.89	4,158.11	15.03	11.08	132.86	-199.62	829.82	1,026.53	1,001.52	25.02	41.035	
4,500.00	4,308.36	4,307.73	4,252.56	15.42	11.33	133.27	-204.66	845.34	1,054.16	1,028.55	25.61	41.163	
4,600.00	4,403.05	4,403.58	4,347.00	15.81	11.60	133.65	-209.70	860.85	1,081.83	1,055.62	26.21	41.276	
4,700.00	4,497.74	4,500.58	4,441.45	16.21	11.86	134.02	-214.74	876.37	1,109.55	1,082.73	26.82	41.370	
4,800.00	4,592.44	4,604.73	4,535.90	16.61	12.15	134.37	-219.78	891.88	1,137.30	1,109.84	27.46	41.422	
4,900.00	4,687.13	4,691.12	4,630.35	17.01	12.40	134.70	-224.82	907.40	1,165.09	1,137.04	28.05	41.536	
5,000.00	4,781.82	4,786.96	4,724.79	17.42	12.67	135.01	-229.86	922.91	1,192.92	1,164.24	28.68	41.601	
5,100.00	4,876.52	4,882.81	4,819.24	17.83	12.95	135.32	-234.90	938.43	1,220.78	1,191.47	29.31	41.656	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,971.21	4,978.66	4,913.69	18.24	13.22	135.60	-239.94	953.95	1,248.67	1,218.73	29.94	41.704		
5,300.00	5,065.90	5,074.50	5,008.14	18.65	13.50	135.88	-244.99	969.46	1,276.58	1,246.00	30.58	41.744		
5,400.00	5,160.60	5,170.35	5,102.58	19.07	13.79	136.14	-250.03	984.98	1,304.53	1,273.30	31.23	41.778		
5,500.00	5,255.29	5,266.19	5,197.03	19.48	14.07	136.40	-255.07	1,000.49	1,332.49	1,300.62	31.87	41.806		
5,600.00	5,349.98	5,362.04	5,291.48	19.90	14.36	136.64	-260.11	1,016.01	1,360.48	1,327.96	32.53	41.828		
5,700.00	5,444.67	5,457.89	5,385.93	20.32	14.65	136.87	-265.15	1,031.52	1,388.50	1,355.31	33.18	41.846		
5,800.00	5,539.37	5,553.73	5,480.37	20.74	14.94	137.10	-270.19	1,047.04	1,416.53	1,382.69	33.84	41.859		
5,900.00	5,634.06	5,649.58	5,574.82	21.17	15.23	137.31	-275.23	1,062.55	1,444.58	1,410.08	34.50	41.869		
6,000.00	5,728.75	5,745.42	5,669.27	21.59	15.52	137.52	-280.27	1,078.07	1,472.65	1,437.48	35.17	41.875		
6,100.00	5,823.45	5,841.27	5,763.72	22.02	15.82	137.72	-285.32	1,093.58	1,500.74	1,464.90	35.84	41.878		
6,200.00	5,918.14	5,937.12	5,858.16	22.45	16.11	137.91	-290.36	1,109.10	1,528.84	1,492.33	36.51	41.878		
6,300.00	6,012.83	6,032.96	5,952.61	22.88	16.41	138.10	-295.40	1,124.62	1,556.96	1,519.78	37.18	41.876		
6,400.00	6,107.53	6,128.81	6,047.06	23.31	16.71	138.27	-300.44	1,140.13	1,585.09	1,547.23	37.86	41.871		
6,500.00	6,202.22	6,224.65	6,141.51	23.74	17.01	138.45	-305.48	1,155.65	1,613.24	1,574.70	38.53	41.864		
6,600.00	6,296.91	6,320.50	6,235.95	24.17	17.31	138.61	-310.52	1,171.16	1,641.39	1,602.18	39.22	41.856		
6,700.00	6,391.60	6,416.35	6,330.40	24.60	17.61	138.77	-315.56	1,186.68	1,669.57	1,629.67	39.90	41.846		
6,800.00	6,486.30	6,512.19	6,424.85	25.04	17.91	138.93	-320.60	1,202.19	1,697.75	1,657.17	40.58	41.835		
6,900.00	6,580.99	6,608.04	6,519.30	25.47	18.22	139.08	-325.64	1,217.71	1,725.94	1,684.67	41.27	41.822		
7,000.00	6,675.68	6,703.88	6,613.74	25.91	18.52	139.22	-330.69	1,233.22	1,754.15	1,712.19	41.96	41.808		
7,100.00	6,769.01	6,822.85	6,730.27	26.37	18.92	125.53	-336.90	1,256.02	1,782.34	1,739.51	42.82	41.622		
7,200.00	6,857.00	6,972.05	6,867.96	26.93	19.61	114.96	-344.23	1,312.10	1,808.61	1,764.46	44.15	40.967		
7,300.00	6,937.46	7,123.52	6,990.56	27.60	20.52	107.82	-350.72	1,400.19	1,831.86	1,786.03	45.84	39.964		
7,400.00	7,008.38	7,273.70	7,088.27	28.37	21.65	102.50	-355.85	1,513.67	1,851.51	1,803.65	47.87	38.682		
7,500.00	7,068.02	7,419.13	7,155.10	29.23	22.95	98.33	-359.33	1,642.43	1,867.21	1,817.04	50.17	37.218		
7,600.00	7,114.92	7,557.19	7,190.03	30.17	24.34	95.01	-361.10	1,775.71	1,878.78	1,826.14	52.64	35.691		
7,700.00	7,147.92	7,678.82	7,196.89	31.17	25.64	92.52	-361.37	1,897.00	1,886.27	1,831.22	55.05	34.264		
7,800.00	7,166.21	7,776.83	7,196.42	32.22	26.75	91.18	-361.27	1,995.00	1,890.58	1,833.32	57.26	33.018		
7,900.00	7,169.96	7,876.66	7,195.95	33.29	27.94	90.88	-361.16	2,094.83	1,891.83	1,832.24	59.58	31.752		
8,000.00	7,169.81	7,976.66	7,195.47	34.40	29.17	90.87	-361.06	2,194.83	1,892.21	1,830.21	62.00	30.521		
8,100.00	7,169.67	8,076.66	7,195.00	35.55	30.45	90.86	-360.96	2,294.83	1,892.60	1,828.10	64.50	29.344		
8,200.00	7,169.52	8,176.66	7,194.52	36.73	31.77	90.85	-360.85	2,394.82	1,892.98	1,825.92	67.07	28.224		
8,300.00	7,169.38	8,276.66	7,194.05	37.96	33.12	90.84	-360.75	2,494.82	1,893.37	1,823.66	69.71	27.161		
8,400.00	7,169.23	8,376.65	7,193.57	39.21	34.50	90.83	-360.65	2,594.82	1,893.76	1,821.35	72.41	26.155		
8,500.00	7,169.08	8,476.65	7,193.09	40.50	35.90	90.82	-360.54	2,694.82	1,894.14	1,818.99	75.16	25.203		
8,600.00	7,168.94	8,576.65	7,192.62	41.81	37.33	90.81	-360.44	2,794.81	1,894.53	1,816.58	77.95	24.304		
8,700.00	7,168.79	8,676.65	7,192.14	43.15	38.77	90.80	-360.33	2,894.81	1,894.92	1,814.13	80.79	23.455		
8,800.00	7,168.65	8,776.65	7,191.67	44.51	40.24	90.79	-360.23	2,994.81	1,895.31	1,811.64	83.67	22.653		
8,900.00	7,168.50	8,876.65	7,191.19	45.89	41.72	90.78	-360.13	3,094.81	1,895.69	1,809.12	86.57	21.897		
9,000.00	7,168.36	8,976.65	7,190.72	47.29	43.21	90.77	-360.02	3,194.80	1,896.08	1,806.56	89.51	21.182		
9,100.00	7,168.21	9,076.64	7,190.24	48.70	44.72	90.76	-359.92	3,294.80	1,896.47	1,803.98	92.48	20.506		
9,200.00	7,168.06	9,176.64	7,189.77	50.13	46.24	90.75	-359.82	3,394.80	1,896.85	1,801.38	95.47	19.868		
9,300.00	7,167.92	9,276.64	7,189.29	51.58	47.77	90.74	-359.71	3,494.80	1,897.24	1,798.75	98.49	19.263		
9,400.00	7,167.77	9,376.64	7,188.82	53.04	49.31	90.73	-359.61	3,594.79	1,897.63	1,796.10	101.53	18.691		
9,500.00	7,167.63	9,476.64	7,188.34	54.51	50.85	90.72	-359.51	3,694.79	1,898.01	1,793.44	104.58	18.149		
9,600.00	7,167.48	9,576.64	7,187.86	55.99	52.41	90.71	-359.40	3,794.79	1,898.40	1,790.75	107.65	17.635		
9,700.00	7,167.34	9,676.64	7,187.39	57.48	53.97	90.70	-359.30	3,894.79	1,898.79	1,788.05	110.74	17.146		
9,800.00	7,167.19	9,776.64	7,186.91	58.98	55.54	90.69	-359.20	3,994.78	1,899.18	1,785.34	113.84	16.683		
9,900.00	7,167.04	9,876.63	7,186.44	60.49	57.11	90.68	-359.09	4,094.78	1,899.56	1,782.61	116.96	16.242		
10,000.00	7,166.90	9,976.63	7,185.96	62.01	58.69	90.67	-358.99	4,194.78	1,899.95	1,779.87	120.08	15.822		
10,100.00	7,166.75	10,076.63	7,185.49	63.54	60.28	90.66	-358.89	4,294.78	1,900.34	1,777.12	123.22	15.422		
10,200.00	7,166.61	10,176.63	7,185.01	65.07	61.87	90.64	-358.78	4,394.77	1,900.73	1,774.35	126.37	15.041		
10,300.00	7,166.46	10,276.63	7,184.54	66.61	63.46	90.63	-358.68	4,494.77	1,901.12	1,771.58	129.53	14.677		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,166.32	10,376.63	7,184.06	68.16	65.06	90.62	-358.58	4,594.77	1,901.50	1,768.80	132.70	14.329		
10,500.00	7,166.17	10,476.63	7,183.58	69.71	66.66	90.61	-358.47	4,694.77	1,901.89	1,766.01	135.88	13.997		
10,600.00	7,166.02	10,576.62	7,183.11	71.26	68.27	90.60	-358.37	4,794.76	1,902.28	1,763.22	139.06	13.679		
10,700.00	7,165.88	10,676.62	7,182.63	72.83	69.87	90.59	-358.26	4,894.76	1,902.67	1,760.41	142.26	13.375		
10,800.00	7,165.73	10,776.62	7,182.16	74.39	71.48	90.58	-358.16	4,994.76	1,903.05	1,757.60	145.45	13.083		
10,900.00	7,165.59	10,876.62	7,181.68	75.97	73.10	90.57	-358.06	5,094.76	1,903.44	1,754.78	148.66	12.804		
11,000.00	7,165.44	10,976.62	7,181.21	77.54	74.72	90.56	-357.95	5,194.75	1,903.83	1,751.96	151.87	12.536		
11,100.00	7,165.29	11,076.62	7,180.73	79.12	76.33	90.55	-357.85	5,294.75	1,904.22	1,749.13	155.09	12.278		
11,200.00	7,165.15	11,176.62	7,180.26	80.70	77.96	90.54	-357.75	5,394.75	1,904.61	1,746.30	158.31	12.031		
11,300.00	7,165.00	11,276.62	7,179.78	82.29	79.58	90.53	-357.64	5,494.75	1,905.00	1,743.46	161.54	11.793		
11,400.00	7,164.86	11,376.61	7,179.31	83.88	81.20	90.52	-357.54	5,594.74	1,905.38	1,740.61	164.77	11.564		
11,500.00	7,164.71	11,476.61	7,178.83	85.47	82.83	90.51	-357.44	5,694.74	1,905.77	1,737.77	168.01	11.343		
11,600.00	7,164.57	11,576.61	7,178.35	87.07	84.46	90.50	-357.33	5,794.74	1,906.16	1,734.91	171.25	11.131		
11,700.00	7,164.42	11,676.61	7,177.88	88.67	86.09	90.49	-357.23	5,894.74	1,906.55	1,732.06	174.49	10.926		
11,800.00	7,164.27	11,776.61	7,177.40	90.27	87.72	90.48	-357.13	5,994.73	1,906.94	1,729.20	177.74	10.729		
11,900.00	7,164.13	11,876.61	7,176.93	91.87	89.36	90.47	-357.02	6,094.73	1,907.33	1,726.34	180.99	10.538		
12,000.00	7,163.98	11,976.61	7,176.45	93.48	90.99	90.46	-356.92	6,194.73	1,907.72	1,723.47	184.25	10.354		
12,100.00	7,163.84	12,076.61	7,175.98	95.09	92.63	90.45	-356.82	6,294.73	1,908.10	1,720.60	187.50	10.176		
12,200.00	7,163.69	12,176.60	7,175.50	96.70	94.27	90.44	-356.71	6,394.72	1,908.49	1,717.73	190.77	10.004		
12,300.00	7,163.55	12,276.60	7,175.03	98.31	95.91	90.43	-356.61	6,494.72	1,908.88	1,714.85	194.03	9.838		
12,400.00	7,163.40	12,376.60	7,174.55	99.93	97.55	90.42	-356.51	6,594.72	1,909.27	1,711.98	197.30	9.677		
12,500.00	7,163.25	12,476.60	7,174.08	101.54	99.19	90.41	-356.40	6,694.72	1,909.66	1,709.10	200.56	9.521		
12,600.00	7,163.11	12,576.60	7,173.60	103.16	100.83	90.40	-356.30	6,794.71	1,910.05	1,706.21	203.84	9.371		
12,700.00	7,162.96	12,676.60	7,173.12	104.78	102.47	90.39	-356.19	6,894.71	1,910.44	1,703.33	207.11	9.224		
12,800.00	7,162.82	12,776.60	7,172.65	106.41	104.12	90.38	-356.09	6,994.71	1,910.83	1,700.44	210.39	9.082		
12,900.00	7,162.67	12,876.59	7,172.17	108.03	105.76	90.37	-355.99	7,094.71	1,911.22	1,697.55	213.66	8.945		
13,000.00	7,162.53	12,976.59	7,171.70	109.65	107.41	90.36	-355.88	7,194.70	1,911.61	1,694.66	216.94	8.812		
13,100.00	7,162.38	13,076.59	7,171.22	111.28	109.06	90.35	-355.78	7,294.70	1,912.00	1,691.77	220.23	8.682		
13,200.00	7,162.23	13,176.59	7,170.75	112.91	110.70	90.34	-355.68	7,394.70	1,912.39	1,688.88	223.51	8.556		
13,300.00	7,162.09	13,276.59	7,170.27	114.54	112.35	90.33	-355.57	7,494.70	1,912.78	1,685.98	226.80	8.434		
13,400.00	7,161.94	13,376.59	7,169.80	116.17	114.00	90.32	-355.47	7,594.69	1,913.16	1,683.08	230.08	8.315		
13,500.00	7,161.80	13,476.59	7,169.32	117.80	115.65	90.31	-355.37	7,694.69	1,913.55	1,680.18	233.37	8.200		
13,600.00	7,161.65	13,576.59	7,168.84	119.43	117.30	90.30	-355.26	7,794.69	1,913.94	1,677.28	236.66	8.087		
13,700.00	7,161.51	13,676.58	7,168.37	121.06	118.95	90.29	-355.16	7,894.69	1,914.33	1,674.38	239.95	7.978		
13,800.00	7,161.36	13,776.58	7,167.89	122.70	120.60	90.28	-355.06	7,994.68	1,914.72	1,671.48	243.25	7.871		
13,900.00	7,161.21	13,876.58	7,167.42	124.33	122.26	90.28	-354.95	8,094.68	1,915.11	1,668.57	246.54	7.768		
14,000.00	7,161.07	13,976.58	7,166.94	125.97	123.91	90.27	-354.85	8,194.68	1,915.50	1,665.66	249.84	7.667		
14,100.00	7,160.92	14,076.58	7,166.47	127.61	125.56	90.26	-354.75	8,294.68	1,915.89	1,662.76	253.14	7.569		
14,200.00	7,160.78	14,176.58	7,165.99	129.24	127.21	90.25	-354.64	8,394.67	1,916.28	1,659.85	256.43	7.473		
14,300.00	7,160.63	14,276.58	7,165.52	130.88	128.87	90.24	-354.54	8,494.67	1,916.67	1,656.94	259.73	7.379		
14,400.00	7,160.49	14,376.58	7,165.04	132.52	130.52	90.23	-354.44	8,594.67	1,917.06	1,654.03	263.04	7.288		
14,500.00	7,160.34	14,476.57	7,164.57	134.16	132.18	90.22	-354.33	8,694.67	1,917.45	1,651.12	266.34	7.199		
14,600.00	7,160.19	14,576.57	7,164.09	135.80	133.83	90.21	-354.23	8,794.66	1,917.84	1,648.20	269.64	7.113		
14,700.00	7,160.05	14,676.57	7,163.61	137.45	135.49	90.20	-354.12	8,894.66	1,918.23	1,645.29	272.94	7.028		
14,800.00	7,159.90	14,776.57	7,163.14	139.09	137.15	90.19	-354.02	8,994.66	1,918.62	1,642.38	276.25	6.945		
14,900.00	7,159.76	14,876.57	7,162.66	140.73	138.80	90.18	-353.92	9,094.66	1,919.01	1,639.46	279.55	6.865		
15,000.00	7,159.61	14,976.57	7,162.19	142.38	140.46	90.17	-353.81	9,194.65	1,919.41	1,636.54	282.86	6.786		
15,100.00	7,159.47	15,076.57	7,161.71	144.02	142.12	90.16	-353.71	9,294.65	1,919.80	1,633.63	286.17	6.709		
15,200.00	7,159.32	15,176.56	7,161.24	145.67	143.78	90.15	-353.61	9,394.65	1,920.19	1,630.71	289.48	6.633		
15,300.00	7,159.17	15,276.56	7,160.76	147.31	145.43	90.14	-353.50	9,494.65	1,920.58	1,627.79	292.79	6.560		
15,400.00	7,159.03	15,376.56	7,160.29	148.96	147.09	90.13	-353.40	9,594.64	1,920.97	1,624.87	296.10	6.488		
15,500.00	7,158.88	15,476.56	7,159.81	150.61	148.75	90.12	-353.30	9,694.64	1,921.36	1,621.95	299.41	6.417		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,158.74	15,576.56	7,159.33	152.26	150.41	90.11	-353.19	9,794.64	1,921.75	1,619.03	302.72	6.348	
15,700.00	7,158.59	15,676.56	7,158.86	153.90	152.07	90.10	-353.09	9,894.64	1,922.14	1,616.11	306.03	6.281	
15,800.00	7,158.44	15,776.56	7,158.38	155.55	153.73	90.09	-352.99	9,994.63	1,922.53	1,613.19	309.34	6.215	
15,900.00	7,158.30	15,876.56	7,157.91	157.20	155.39	90.08	-352.88	10,094.63	1,922.92	1,610.27	312.66	6.150	
16,000.00	7,158.15	15,976.55	7,157.43	158.85	157.05	90.07	-352.78	10,194.63	1,923.31	1,607.34	315.97	6.087	
16,100.00	7,158.01	16,076.55	7,156.96	160.50	158.71	90.06	-352.68	10,294.63	1,923.70	1,604.42	319.28	6.025	
16,200.00	7,157.86	16,176.55	7,156.48	162.15	160.37	90.05	-352.57	10,394.62	1,924.10	1,601.50	322.60	5.964	
16,300.00	7,157.72	16,276.55	7,156.01	163.80	162.03	90.04	-352.47	10,494.62	1,924.49	1,598.57	325.92	5.905	
16,400.00	7,157.57	16,376.55	7,155.53	165.46	163.69	90.03	-352.37	10,594.62	1,924.88	1,595.65	329.23	5.847	
16,500.00	7,157.42	16,476.55	7,155.06	167.11	165.36	90.02	-352.26	10,694.62	1,925.27	1,592.72	332.55	5.789	
16,600.00	7,157.28	16,576.55	7,154.58	168.76	167.02	90.01	-352.16	10,794.62	1,925.66	1,589.79	335.87	5.733	
16,700.00	7,157.13	16,676.55	7,154.10	170.41	168.68	90.00	-352.06	10,894.61	1,926.05	1,586.87	339.18	5.678	
16,800.00	7,156.99	16,776.54	7,153.63	172.07	170.34	89.99	-351.95	10,994.61	1,926.44	1,583.94	342.50	5.625	
16,900.00	7,156.84	16,876.54	7,153.15	173.72	172.00	89.98	-351.85	11,094.61	1,926.84	1,581.01	345.82	5.572	
17,000.00	7,156.70	16,976.54	7,152.68	175.37	173.67	89.97	-351.74	11,194.61	1,927.23	1,578.09	349.14	5.520	
17,100.00	7,156.55	17,076.54	7,152.20	177.03	175.33	89.96	-351.64	11,294.60	1,927.62	1,575.16	352.46	5.469	
17,200.00	7,156.40	17,176.54	7,151.73	178.68	176.99	89.95	-351.54	11,394.60	1,928.01	1,572.23	355.78	5.419	
17,300.00	7,156.26	17,276.54	7,151.25	180.34	178.66	89.94	-351.43	11,494.60	1,928.40	1,569.30	359.10	5.370	
17,400.00	7,156.11	17,376.54	7,150.78	181.99	180.32	89.93	-351.33	11,594.60	1,928.79	1,566.37	362.42	5.322	
17,500.00	7,155.97	17,476.53	7,150.30	183.65	181.98	89.92	-351.23	11,694.59	1,929.19	1,563.44	365.74	5.275	
17,600.00	7,155.82	17,576.53	7,149.82	185.30	183.65	89.91	-351.12	11,794.59	1,929.58	1,560.51	369.06	5.228	
17,700.00	7,155.68	17,676.53	7,149.35	186.96	185.31	89.90	-351.02	11,894.59	1,929.97	1,557.58	372.39	5.183	
17,800.00	7,155.53	17,776.53	7,148.87	188.62	186.97	89.89	-350.92	11,994.59	1,930.36	1,554.65	375.71	5.138	
17,900.00	7,155.38	17,876.53	7,148.40	190.27	188.64	89.88	-350.81	12,094.58	1,930.75	1,551.72	379.03	5.094	
18,000.00	7,155.24	17,976.53	7,147.92	191.93	190.30	89.87	-350.71	12,194.58	1,931.15	1,548.79	382.36	5.051	
18,100.00	7,155.09	18,060.31	7,147.52	193.59	191.70	89.86	-350.62	12,278.36	1,931.61	1,546.29	385.31	5.013 SF	
18,200.00	7,154.95	18,060.31	7,147.52	195.24	191.70	89.86	-350.62	12,278.36	1,935.42	1,549.61	385.81	5.017	
18,263.53	7,154.85	18,060.31	7,147.52	196.30	191.70	89.86	-350.62	12,278.36	1,940.52	1,554.92	385.61	5.032	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	-2.00	3.28	3.28	90.39	-1.10	159.81	159.81				
100.00	100.00	102.00	98.00	3.28	3.28	90.39	-1.10	159.81	159.81	152.28	7.53	21.226	
200.00	200.00	202.00	198.00	3.31	3.31	90.39	-1.10	159.81	159.81	152.24	7.57	21.098	
300.00	300.00	302.00	298.00	3.35	3.35	44.85	-1.10	159.81	159.66	151.99	7.66	20.830	
400.00	399.95	402.05	397.95	3.42	3.42	45.64	-1.10	159.81	157.57	149.77	7.80	20.209	
500.00	499.74	502.26	497.74	3.51	3.51	47.43	-1.10	159.81	153.13	145.15	7.97	19.207	
600.00	599.24	602.76	597.24	3.62	3.61	50.38	-1.10	159.81	146.58	138.39	8.19	17.897	
700.00	698.33	703.67	696.33	3.76	3.74	54.77	-1.10	159.81	138.38	129.93	8.45	16.375	
800.00	796.90	805.10	794.90	3.93	3.88	60.97	-1.10	159.81	129.32	120.56	8.76	14.763	
900.00	894.81	907.19	892.81	4.14	4.04	69.43	-1.10	159.81	120.64	111.52	9.12	13.222	
1,000.00	991.96	989.96	989.96	4.40	4.17	80.42	-1.10	159.81	114.29	104.77	9.52	12.002	
1,073.78	1,063.08	1,061.08	1,061.08	4.62	4.30	90.00	-1.10	159.81	112.59	102.71	9.88	11.396 CC, ES	
1,100.00	1,088.23	1,086.23	1,086.23	4.71	4.34	93.61	-1.10	159.81	112.84	102.83	10.01	11.272	
1,200.00	1,183.49	1,180.34	1,180.33	5.07	4.51	106.99	-0.98	160.93	119.17	108.64	10.53	11.321	
1,300.00	1,278.18	1,275.04	1,274.93	5.48	4.68	118.10	-0.54	165.12	133.28	122.24	11.04	12.075	
1,400.00	1,372.87	1,371.02	1,370.62	5.91	4.86	125.85	0.24	172.55	151.69	140.14	11.55	13.134	
1,500.00	1,467.57	1,468.09	1,467.07	6.37	5.06	130.86	1.37	183.29	172.03	159.95	12.08	14.236	
1,600.00	1,562.26	1,566.03	1,563.98	6.85	5.27	133.84	2.86	197.42	192.96	180.31	12.66	15.246	
1,700.00	1,656.95	1,664.63	1,660.98	7.34	5.52	135.34	4.70	214.97	213.79	200.51	13.28	16.101	
1,800.00	1,751.65	1,763.26	1,757.39	7.85	5.78	135.77	6.88	235.65	234.22	220.27	13.95	16.790	
1,900.00	1,846.34	1,861.17	1,852.93	8.13	5.98	135.96	9.11	256.92	254.55	240.54	14.01	18.167	
2,000.00	1,941.03	1,959.08	1,948.48	8.21	6.07	136.13	11.35	278.20	274.88	260.73	14.15	19.431	
2,100.00	2,035.73	2,056.99	2,044.02	8.32	6.12	136.26	13.58	299.47	295.21	280.94	14.27	20.687	
2,200.00	2,130.42	2,154.90	2,139.57	8.45	6.19	136.39	15.82	320.75	315.54	301.10	14.44	21.853	
2,300.00	2,225.11	2,252.81	2,235.11	8.60	6.28	136.49	18.06	342.02	335.88	321.23	14.65	22.925	
2,400.00	2,319.81	2,350.72	2,330.65	8.78	6.39	136.59	20.29	363.30	356.21	341.31	14.90	23.901	
2,500.00	2,414.50	2,448.62	2,426.20	8.97	6.53	136.67	22.53	384.57	376.55	361.35	15.19	24.782	
2,600.00	2,509.19	2,546.53	2,521.74	9.19	6.67	136.75	24.76	405.84	396.88	381.36	15.52	25.569	
2,700.00	2,603.88	2,644.44	2,617.28	9.42	6.84	136.82	27.00	427.12	417.22	401.33	15.88	26.266	
2,800.00	2,698.58	2,742.35	2,712.83	9.66	7.02	136.88	29.24	448.39	437.56	421.28	16.28	26.881	
2,900.00	2,793.27	2,840.26	2,808.37	9.93	7.22	136.94	31.47	469.67	457.89	441.19	16.70	27.418	
3,000.00	2,887.96	2,938.17	2,903.92	10.20	7.42	136.99	33.71	490.94	478.23	461.08	17.15	27.884	
3,100.00	2,982.66	3,036.08	2,999.46	10.49	7.65	137.04	35.95	512.22	498.57	480.94	17.63	28.287	
3,200.00	3,077.35	3,133.99	3,095.00	10.79	7.88	137.08	38.18	533.49	518.91	500.78	18.12	28.632	
3,300.00	3,172.04	3,231.90	3,190.55	11.10	8.12	137.12	40.42	554.76	539.25	520.60	18.64	28.925	
3,400.00	3,266.74	3,329.81	3,286.09	11.42	8.37	137.16	42.65	576.04	559.59	540.40	19.18	29.174	
3,500.00	3,361.43	3,427.72	3,381.63	11.75	8.63	137.19	44.89	597.31	579.92	560.19	19.74	29.383	
3,600.00	3,456.12	3,525.62	3,477.18	12.09	8.90	137.22	47.13	618.59	600.26	579.96	20.31	29.557	
3,700.00	3,550.81	3,623.53	3,572.72	12.44	9.17	137.26	49.36	639.86	620.60	599.71	20.90	29.700	
3,800.00	3,645.51	3,721.44	3,668.27	12.79	9.45	137.28	51.60	661.14	640.94	619.45	21.50	29.816	
3,900.00	3,740.20	3,819.35	3,763.81	13.15	9.74	137.31	53.83	682.41	661.28	639.17	22.11	29.910	
4,000.00	3,834.89	3,917.26	3,859.35	13.52	10.03	137.34	56.07	703.69	681.62	658.89	22.73	29.983	
4,100.00	3,929.59	4,015.17	3,954.90	13.89	10.33	137.36	58.31	724.96	701.96	678.60	23.37	30.039	
4,200.00	4,024.28	4,113.08	4,050.44	14.26	10.63	137.38	60.54	746.23	722.30	698.29	24.01	30.080	
4,300.00	4,118.97	4,210.99	4,145.98	14.65	10.93	137.40	62.78	767.51	742.64	717.98	24.67	30.109	
4,400.00	4,213.67	4,308.90	4,241.53	15.03	11.24	137.42	65.02	788.78	762.98	737.66	25.33	30.126	
4,500.00	4,308.36	4,406.81	4,337.07	15.42	11.56	137.44	67.25	810.06	783.33	757.33	26.00	30.133	
4,600.00	4,403.05	4,504.72	4,432.62	15.81	11.87	137.46	69.49	831.33	803.67	776.99	26.67	30.132	
4,700.00	4,497.74	4,602.63	4,528.16	16.21	12.19	137.48	71.72	852.61	824.01	796.65	27.35	30.125	
4,800.00	4,592.44	4,700.53	4,623.70	16.61	12.51	137.49	73.96	873.88	844.35	816.31	28.04	30.111	
4,900.00	4,687.13	4,801.56	4,719.25	17.01	12.85	137.51	76.20	895.15	864.69	835.94	28.75	30.081	
5,000.00	4,781.82	4,903.65	4,814.79	17.42	13.19	137.52	78.43	916.43	885.03	855.57	29.46	30.044	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,876.52	5,005.74	4,910.33	17.83	13.53	137.54	80.67	937.70	905.37	875.19	30.18	30.003		
5,200.00	4,971.21	5,107.83	5,005.88	18.24	13.88	137.55	82.91	958.98	925.71	894.81	30.90	29.960		
5,300.00	5,065.90	5,209.92	5,101.42	18.65	14.22	137.56	85.14	980.25	946.05	914.43	31.62	29.915		
5,400.00	5,160.60	5,287.99	5,196.96	19.07	14.49	137.58	87.38	1,001.53	966.39	934.12	32.27	29.944		
5,500.00	5,255.29	5,385.90	5,292.51	19.48	14.83	137.59	89.61	1,022.80	986.73	953.74	32.99	29.908		
5,600.00	5,349.98	5,483.81	5,388.05	19.90	15.16	137.60	91.85	1,044.08	1,007.08	973.36	33.72	29.870		
5,700.00	5,444.67	5,581.72	5,483.60	20.32	15.50	137.61	94.09	1,065.35	1,027.42	992.98	34.44	29.831		
5,800.00	5,539.37	5,679.63	5,579.14	20.74	15.84	137.62	96.32	1,086.62	1,047.76	1,012.59	35.17	29.791		
5,900.00	5,634.06	5,777.54	5,674.68	21.17	16.18	137.63	98.56	1,107.90	1,068.10	1,032.20	35.90	29.751		
6,000.00	5,728.75	5,875.44	5,770.23	21.59	16.53	137.64	100.79	1,129.17	1,088.44	1,051.80	36.64	29.710		
6,100.00	5,823.45	5,973.35	5,865.77	22.02	16.87	137.65	103.03	1,150.45	1,108.78	1,071.41	37.37	29.668		
6,200.00	5,918.14	6,071.26	5,961.31	22.45	17.21	137.66	105.27	1,171.72	1,129.12	1,091.01	38.11	29.626		
6,300.00	6,012.83	6,169.17	6,056.86	22.88	17.56	137.67	107.50	1,193.00	1,149.46	1,110.61	38.85	29.585		
6,400.00	6,107.53	6,267.08	6,152.40	23.31	17.91	137.68	109.74	1,214.27	1,169.81	1,130.21	39.60	29.543		
6,500.00	6,202.22	6,364.99	6,247.95	23.74	18.25	137.69	111.98	1,235.54	1,190.15	1,149.81	40.34	29.501		
6,600.00	6,296.91	6,462.90	6,343.49	24.17	18.60	137.69	114.21	1,256.82	1,210.49	1,169.40	41.09	29.460		
6,700.00	6,391.60	6,560.81	6,439.03	24.60	18.95	137.70	116.45	1,278.09	1,230.83	1,188.99	41.84	29.419		
6,800.00	6,486.30	6,665.21	6,540.49	25.04	19.34	137.63	118.81	1,302.48	1,251.07	1,208.41	42.65	29.333		
6,900.00	6,580.99	6,776.12	6,643.32	25.47	19.89	136.82	121.09	1,343.61	1,270.40	1,226.72	43.68	29.082		
7,000.00	6,675.68	6,878.67	6,730.73	25.91	20.53	135.34	122.91	1,396.98	1,289.30	1,244.46	44.84	28.752		
7,100.00	6,769.01	6,971.70	6,801.70	26.37	21.22	120.35	124.27	1,456.98	1,308.66	1,262.60	46.06	28.410		
7,200.00	6,857.00	7,059.90	6,860.26	26.93	21.98	108.76	125.28	1,522.84	1,328.22	1,280.83	47.39	28.025		
7,300.00	6,937.46	7,144.38	6,907.30	27.60	22.78	100.90	125.97	1,592.94	1,347.31	1,298.48	48.83	27.592		
7,400.00	7,008.38	7,225.90	6,943.53	28.37	23.63	95.13	126.38	1,665.91	1,365.27	1,314.92	50.35	27.115		
7,500.00	7,068.02	7,305.05	6,969.51	29.23	24.51	90.76	126.52	1,740.62	1,381.48	1,329.54	51.94	26.598		
7,600.00	7,114.92	7,382.29	6,985.74	30.17	25.40	87.43	126.41	1,816.07	1,395.37	1,341.79	53.58	26.042		
7,700.00	7,147.92	7,457.95	6,992.67	31.17	26.30	84.97	126.07	1,891.38	1,406.49	1,351.24	55.25	25.455		
7,800.00	7,166.21	7,548.89	6,992.66	32.22	27.40	83.30	125.45	1,982.31	1,414.06	1,356.80	57.26	24.696		
7,900.00	7,169.96	7,648.71	6,992.17	33.29	28.65	82.87	124.76	2,082.13	1,416.67	1,357.11	59.56	23.787		
8,000.00	7,169.81	7,748.70	6,991.67	34.40	29.94	82.86	124.07	2,182.12	1,417.89	1,355.93	61.96	22.883		
8,100.00	7,169.67	7,848.70	6,991.18	35.55	31.27	82.85	123.38	2,282.10	1,419.11	1,354.66	64.45	22.019		
8,200.00	7,169.52	7,948.69	6,990.68	36.73	32.63	82.85	122.68	2,382.09	1,420.33	1,353.32	67.01	21.196		
8,300.00	7,169.38	8,048.68	6,990.19	37.96	34.02	82.84	121.99	2,482.08	1,421.56	1,351.92	69.63	20.414		
8,400.00	7,169.23	8,148.67	6,989.69	39.21	35.43	82.83	121.30	2,582.07	1,422.78	1,350.46	72.32	19.674		
8,500.00	7,169.08	8,248.66	6,989.20	40.50	36.87	82.82	120.60	2,682.06	1,424.00	1,348.95	75.05	18.974		
8,600.00	7,168.94	8,348.66	6,988.70	41.81	38.32	82.81	119.91	2,782.05	1,425.22	1,347.39	77.83	18.312		
8,700.00	7,168.79	8,448.65	6,988.20	43.15	39.80	82.81	119.22	2,882.04	1,426.44	1,345.80	80.65	17.687		
8,800.00	7,168.65	8,548.64	6,987.71	44.51	41.28	82.80	118.53	2,982.03	1,427.67	1,344.16	83.51	17.097		
8,900.00	7,168.50	8,648.63	6,987.21	45.89	42.78	82.79	117.83	3,082.01	1,428.89	1,342.49	86.40	16.539		
9,000.00	7,168.36	8,748.63	6,986.72	47.29	44.30	82.78	117.14	3,182.00	1,430.11	1,340.79	89.32	16.012		
9,100.00	7,168.21	8,848.62	6,986.22	48.70	45.82	82.77	116.45	3,281.99	1,431.33	1,339.07	92.26	15.513		
9,200.00	7,168.06	8,948.61	6,985.73	50.13	47.36	82.77	115.76	3,381.98	1,432.56	1,337.32	95.24	15.042		
9,300.00	7,167.92	9,048.60	6,985.23	51.58	48.90	82.76	115.06	3,481.97	1,433.78	1,335.55	98.23	14.596		
9,400.00	7,167.77	9,148.60	6,984.74	53.04	50.45	82.75	114.37	3,581.96	1,435.00	1,333.76	101.24	14.174		
9,500.00	7,167.63	9,248.59	6,984.24	54.51	52.01	82.74	113.68	3,681.95	1,436.22	1,331.94	104.28	13.773		
9,600.00	7,167.48	9,348.58	6,983.75	55.99	53.58	82.74	112.98	3,781.93	1,437.44	1,330.12	107.33	13.393		
9,700.00	7,167.34	9,448.57	6,983.25	57.48	55.15	82.73	112.29	3,881.92	1,438.67	1,328.27	110.39	13.032		
9,800.00	7,167.19	9,548.57	6,982.75	58.98	56.73	82.72	111.60	3,981.91	1,439.89	1,326.42	113.47	12.689		
9,900.00	7,167.04	9,648.56	6,982.26	60.49	58.31	82.71	110.91	4,081.90	1,441.11	1,324.54	116.57	12.363		
10,000.00	7,166.90	9,748.55	6,981.76	62.01	59.90	82.70	110.21	4,181.89	1,442.33	1,322.66	119.67	12.052		
10,100.00	7,166.75	9,848.54	6,981.27	63.54	61.49	82.70	109.52	4,281.88	1,443.56	1,320.77	122.79	11.756		
10,200.00	7,166.61	9,948.53	6,980.77	65.07	63.09	82.69	108.83	4,381.87	1,444.78	1,318.86	125.92	11.474		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,166.46	10,048.53	6,980.28	66.61	64.69	82.68	108.14	4,481.86	1,446.00	1,316.95	129.05	11.205	
10,400.00	7,166.32	10,148.52	6,979.78	68.16	66.29	82.67	107.44	4,581.84	1,447.22	1,315.03	132.20	10.947	
10,500.00	7,166.17	10,248.51	6,979.29	69.71	67.90	82.67	106.75	4,681.83	1,448.45	1,313.10	135.35	10.701	
10,600.00	7,166.02	10,348.50	6,978.79	71.26	69.51	82.66	106.06	4,781.82	1,449.67	1,311.16	138.51	10.466	
10,700.00	7,165.88	10,448.50	6,978.30	72.83	71.13	82.65	105.36	4,881.81	1,450.89	1,309.21	141.68	10.240	
10,800.00	7,165.73	10,548.49	6,977.80	74.39	72.74	82.64	104.67	4,981.80	1,452.12	1,307.26	144.86	10.024	
10,900.00	7,165.59	10,648.48	6,977.30	75.97	74.36	82.63	103.98	5,081.79	1,453.34	1,305.30	148.04	9.817	
11,000.00	7,165.44	10,748.47	6,976.81	77.54	75.98	82.63	103.29	5,181.78	1,454.56	1,303.33	151.23	9.618	
11,100.00	7,165.29	10,848.47	6,976.31	79.12	77.61	82.62	102.59	5,281.77	1,455.78	1,301.36	154.42	9.427	
11,200.00	7,165.15	10,948.46	6,975.82	80.70	79.23	82.61	101.90	5,381.75	1,457.01	1,299.39	157.62	9.244	
11,300.00	7,165.00	11,048.45	6,975.32	82.29	80.86	82.60	101.21	5,481.74	1,458.23	1,297.41	160.82	9.067	
11,400.00	7,164.86	11,148.44	6,974.83	83.88	82.49	82.60	100.52	5,581.73	1,459.45	1,295.42	164.03	8.898	
11,500.00	7,164.71	11,248.44	6,974.33	85.47	84.12	82.59	99.82	5,681.72	1,460.68	1,293.43	167.24	8.734	
11,600.00	7,164.57	11,348.43	6,973.84	87.07	85.75	82.58	99.13	5,781.71	1,461.90	1,291.44	170.46	8.576	
11,700.00	7,164.42	11,459.13	6,973.29	88.67	87.56	82.57	98.90	5,892.40	1,462.63	1,288.68	173.95	8.408	
11,800.00	7,164.27	11,559.12	6,972.79	90.27	89.20	82.56	98.94	5,992.40	1,463.12	1,285.95	177.17	8.258	
11,900.00	7,164.13	11,659.12	6,972.30	91.87	90.83	82.55	98.99	6,092.40	1,463.61	1,283.22	180.39	8.113	
12,000.00	7,163.98	11,759.12	6,971.81	93.48	92.47	82.54	99.03	6,192.40	1,464.10	1,280.48	183.62	7.973	
12,100.00	7,163.84	11,859.12	6,971.31	95.09	94.11	82.52	99.08	6,292.39	1,464.59	1,277.74	186.85	7.838	
12,200.00	7,163.69	11,959.12	6,970.82	96.70	95.75	82.51	99.13	6,392.39	1,465.08	1,275.00	190.09	7.707	
12,300.00	7,163.55	12,059.12	6,970.32	98.31	97.39	82.50	99.17	6,492.39	1,465.58	1,272.25	193.32	7.581	
12,400.00	7,163.40	12,159.11	6,969.83	99.93	99.04	82.49	99.22	6,592.38	1,466.07	1,269.51	196.56	7.459	
12,500.00	7,163.25	12,259.11	6,969.33	101.54	100.68	82.48	99.26	6,692.38	1,466.56	1,266.76	199.80	7.340	
12,600.00	7,163.11	12,359.11	6,968.84	103.16	102.32	82.47	99.31	6,792.38	1,467.05	1,264.00	203.05	7.225	
12,700.00	7,162.96	12,459.11	6,968.34	104.78	103.97	82.46	99.35	6,892.38	1,467.54	1,261.25	206.29	7.114	
12,800.00	7,162.82	12,559.11	6,967.85	106.41	105.62	82.45	99.40	6,992.37	1,468.03	1,258.49	209.54	7.006	
12,900.00	7,162.67	12,659.11	6,967.36	108.03	107.26	82.44	99.44	7,092.37	1,468.53	1,255.73	212.79	6.901	
13,000.00	7,162.53	12,759.10	6,966.86	109.65	108.91	82.42	99.49	7,192.37	1,469.02	1,252.98	216.04	6.800	
13,100.00	7,162.38	12,859.10	6,966.37	111.28	110.56	82.41	99.53	7,292.36	1,469.51	1,250.21	219.30	6.701	
13,200.00	7,162.23	12,959.10	6,965.87	112.91	112.21	82.40	99.58	7,392.36	1,470.00	1,247.45	222.55	6.605	
13,300.00	7,162.09	13,059.10	6,965.38	114.54	113.86	82.39	99.62	7,492.36	1,470.49	1,244.69	225.81	6.512	
13,400.00	7,161.94	13,159.10	6,964.88	116.17	115.51	82.38	99.67	7,592.36	1,470.99	1,241.92	229.07	6.422	
13,500.00	7,161.80	13,259.10	6,964.39	117.80	117.16	82.37	99.71	7,692.35	1,471.48	1,239.15	232.33	6.334	
13,600.00	7,161.65	13,359.09	6,963.89	119.43	118.81	82.36	99.76	7,792.35	1,471.97	1,236.38	235.59	6.248	
13,700.00	7,161.51	13,459.09	6,963.40	121.06	120.47	82.35	99.80	7,892.35	1,472.46	1,233.61	238.85	6.165	
13,800.00	7,161.36	13,559.09	6,962.91	122.70	122.12	82.33	99.85	7,992.34	1,472.96	1,230.84	242.11	6.084	
13,900.00	7,161.21	13,659.09	6,962.41	124.33	123.77	82.32	99.89	8,092.34	1,473.45	1,228.07	245.38	6.005	
14,000.00	7,161.07	13,759.09	6,961.92	125.97	125.43	82.31	99.94	8,192.34	1,473.94	1,225.29	248.65	5.928	
14,100.00	7,160.92	13,859.09	6,961.42	127.61	127.08	82.30	99.98	8,292.34	1,474.43	1,222.52	251.91	5.853	
14,200.00	7,160.78	13,959.08	6,960.93	129.24	128.74	82.29	100.03	8,392.33	1,474.93	1,219.74	255.18	5.780	
14,300.00	7,160.63	14,059.08	6,960.43	130.88	130.39	82.28	100.07	8,492.33	1,475.42	1,216.97	258.45	5.709	
14,400.00	7,160.49	14,159.08	6,959.94	132.52	132.05	82.27	100.12	8,592.33	1,475.91	1,214.19	261.72	5.639	
14,500.00	7,160.34	14,259.08	6,959.44	134.16	133.70	82.26	100.16	8,692.32	1,476.40	1,211.41	264.99	5.571	
14,600.00	7,160.19	14,359.08	6,958.95	135.80	135.36	82.25	100.21	8,792.32	1,476.90	1,208.63	268.26	5.505	
14,700.00	7,160.05	14,459.08	6,958.46	137.45	137.02	82.24	100.25	8,892.32	1,477.39	1,205.85	271.54	5.441	
14,800.00	7,159.90	14,559.07	6,957.96	139.09	138.67	82.22	100.30	8,992.32	1,477.88	1,203.07	274.81	5.378	
14,900.00	7,159.76	14,659.07	6,957.47	140.73	140.33	82.21	100.34	9,092.31	1,478.37	1,200.29	278.09	5.316	
15,000.00	7,159.61	14,759.07	6,956.97	142.38	141.99	82.20	100.39	9,192.31	1,478.87	1,197.51	281.36	5.256	
15,100.00	7,159.47	14,859.07	6,956.48	144.02	143.65	82.19	100.43	9,292.31	1,479.36	1,194.72	284.64	5.197	
15,200.00	7,159.32	14,959.07	6,955.98	145.67	145.31	82.18	100.48	9,392.30	1,479.85	1,191.94	287.91	5.140	
15,300.00	7,159.17	15,059.07	6,955.49	147.31	146.97	82.17	100.52	9,492.30	1,480.35	1,189.16	291.19	5.084	
15,400.00	7,159.03	15,159.07	6,954.99	148.96	148.63	82.16	100.57	9,592.30	1,480.84	1,186.37	294.47	5.029	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,158.88	15,259.06	6,954.50	150.61	150.29	82.15	100.61	9,692.30	1,481.33	1,183.59	297.75	4.975	
15,600.00	7,158.74	15,359.06	6,954.01	152.26	151.95	82.14	100.66	9,792.29	1,481.83	1,180.80	301.03	4.923	
15,700.00	7,158.59	15,459.06	6,953.51	153.90	153.61	82.13	100.70	9,892.29	1,482.32	1,178.01	304.31	4.871	
15,800.00	7,158.44	15,559.06	6,953.02	155.55	155.27	82.11	100.75	9,992.29	1,482.81	1,175.23	307.59	4.821	
15,900.00	7,158.30	15,659.06	6,952.52	157.20	156.93	82.10	100.79	10,092.28	1,483.31	1,172.44	310.87	4.771	
16,000.00	7,158.15	15,759.06	6,952.03	158.85	158.59	82.09	100.84	10,192.28	1,483.80	1,169.65	314.15	4.723	
16,100.00	7,158.01	15,859.05	6,951.53	160.50	160.25	82.08	100.88	10,292.28	1,484.29	1,166.86	317.43	4.676	
16,200.00	7,157.86	15,959.05	6,951.04	162.15	161.91	82.07	100.93	10,392.28	1,484.79	1,164.07	320.71	4.630	
16,300.00	7,157.72	16,059.05	6,950.54	163.80	163.57	82.06	100.97	10,492.27	1,485.28	1,161.28	324.00	4.584	
16,400.00	7,157.57	16,159.05	6,950.05	165.46	165.24	82.05	101.02	10,592.27	1,485.77	1,158.49	327.28	4.540	
16,500.00	7,157.42	16,259.05	6,949.56	167.11	166.90	82.04	101.06	10,692.27	1,486.27	1,155.70	330.56	4.496	
16,600.00	7,157.28	16,359.05	6,949.06	168.76	168.56	82.03	101.11	10,792.26	1,486.76	1,152.91	333.85	4.453	
16,700.00	7,157.13	16,459.04	6,948.57	170.41	170.22	82.02	101.15	10,892.26	1,487.26	1,150.12	337.13	4.411	
16,800.00	7,156.99	16,559.04	6,948.07	172.07	171.89	82.00	101.20	10,992.26	1,487.75	1,147.33	340.42	4.370	
16,900.00	7,156.84	16,659.04	6,947.58	173.72	173.55	81.99	101.24	11,092.26	1,488.24	1,144.54	343.70	4.330	
17,000.00	7,156.70	16,759.04	6,947.08	175.37	175.21	81.98	101.29	11,192.25	1,488.74	1,141.75	346.99	4.290	
17,100.00	7,156.55	16,859.04	6,946.59	177.03	176.88	81.97	101.34	11,292.25	1,489.23	1,138.96	350.27	4.252	
17,200.00	7,156.40	16,959.04	6,946.09	178.68	178.54	81.96	101.38	11,392.25	1,489.73	1,136.17	353.56	4.214	
17,300.00	7,156.26	17,059.03	6,945.60	180.34	180.20	81.95	101.43	11,492.25	1,490.22	1,133.38	356.85	4.176	
17,400.00	7,156.11	17,159.03	6,945.11	181.99	181.87	81.94	101.47	11,592.24	1,490.72	1,130.58	360.13	4.139	
17,500.00	7,155.97	17,259.03	6,944.61	183.65	183.53	81.93	101.52	11,692.24	1,491.21	1,127.79	363.42	4.103	
17,600.00	7,155.82	17,359.03	6,944.12	185.30	185.19	81.92	101.56	11,792.24	1,491.70	1,125.00	366.71	4.068	
17,700.00	7,155.68	17,459.03	6,943.62	186.96	186.86	81.91	101.61	11,892.23	1,492.20	1,122.20	369.99	4.033	
17,800.00	7,155.53	17,559.03	6,943.13	188.62	188.52	81.90	101.65	11,992.23	1,492.69	1,119.41	373.28	3.999	
17,900.00	7,155.38	17,659.02	6,942.63	190.27	190.19	81.89	101.70	12,092.23	1,493.19	1,116.62	376.57	3.965	
18,000.00	7,155.24	17,759.02	6,942.14	191.93	191.85	81.87	101.74	12,192.23	1,493.68	1,113.82	379.86	3.932	
18,100.00	7,155.09	17,859.02	6,941.64	193.59	193.52	81.86	101.79	12,292.22	1,494.18	1,111.03	383.15	3.900	
18,200.00	7,154.95	17,886.97	6,941.51	195.24	193.98	81.86	101.80	12,320.17	1,496.41	1,112.29	384.12	3.896 SF	
18,263.53	7,154.85	17,886.97	6,941.51	196.30	193.98	81.86	101.80	12,320.17	1,501.12	1,117.67	383.45	3.915	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.35	-0.73	119.99	120.00				
100.00	100.00	101.00	99.00	3.28	3.28	90.35	-0.73	119.99	120.00	112.47	7.53	15.938	
200.00	200.00	199.00	199.00	3.31	3.30	90.35	-0.73	119.99	120.00	112.42	7.57	15.844	CC, ES
300.00	300.00	295.21	295.20	3.35	3.35	44.56	-0.21	121.49	121.39	113.74	7.66	15.853	
400.00	399.95	391.30	391.16	3.42	3.41	44.70	1.38	126.02	124.00	116.22	7.77	15.950	
500.00	499.74	487.28	486.80	3.51	3.50	45.41	4.03	133.58	127.28	119.36	7.93	16.059	
600.00	599.24	583.12	581.98	3.62	3.61	46.61	7.73	144.13	131.30	123.19	8.11	16.181	
700.00	698.33	678.80	676.57	3.76	3.75	48.24	12.48	157.66	136.12	127.77	8.35	16.310	
800.00	796.90	774.29	770.45	3.93	3.92	50.22	18.26	174.13	141.83	133.21	8.63	16.443	
900.00	894.81	873.17	867.24	4.14	4.14	52.78	24.94	193.18	147.53	138.54	9.00	16.396	
1,000.00	991.96	972.65	964.62	4.40	4.39	56.24	31.68	212.40	151.61	142.16	9.45	16.042	
1,100.00	1,088.23	1,071.89	1,061.76	4.71	4.67	60.61	38.40	231.56	154.50	144.51	9.99	15.466	
1,200.00	1,183.49	1,170.77	1,158.55	5.07	4.96	65.93	45.10	250.66	156.83	146.20	10.63	14.754	
1,300.00	1,278.18	1,269.42	1,255.11	5.48	5.27	71.68	51.79	269.71	159.93	148.57	11.36	14.075	
1,400.00	1,372.87	1,368.07	1,351.67	5.91	5.59	77.16	58.47	288.76	164.61	152.45	12.16	13.539	
1,500.00	1,467.57	1,466.72	1,448.23	6.37	5.93	82.31	65.15	307.82	170.75	157.75	13.00	13.135	
1,600.00	1,562.26	1,565.37	1,544.79	6.85	6.28	87.07	71.84	326.87	178.18	164.31	13.87	12.849	
1,700.00	1,656.95	1,664.01	1,641.35	7.34	6.63	91.43	78.52	345.92	186.76	172.01	14.75	12.661	
1,800.00	1,751.65	1,762.66	1,737.91	7.85	6.99	95.39	85.20	364.97	196.34	180.70	15.64	12.554	
1,900.00	1,846.34	1,861.31	1,834.47	8.13	7.25	98.98	91.89	384.02	206.77	190.94	15.83	13.065	
2,000.00	1,941.03	1,959.96	1,931.03	8.21	7.36	102.22	98.57	403.07	217.94	201.92	16.02	13.602	
2,100.00	2,035.73	2,058.60	2,027.59	8.32	7.42	105.13	105.25	422.13	229.73	213.55	16.18	14.199	
2,200.00	2,130.42	2,157.25	2,124.15	8.45	7.49	107.76	111.93	441.18	242.07	225.70	16.37	14.791	
2,300.00	2,225.11	2,255.90	2,220.71	8.60	7.58	110.13	118.62	460.23	254.86	238.27	16.58	15.370	
2,400.00	2,319.81	2,354.55	2,317.26	8.78	7.69	112.28	125.30	479.28	268.04	251.21	16.83	15.929	
2,500.00	2,414.50	2,453.19	2,413.82	8.97	7.81	114.22	131.98	498.33	281.56	264.45	17.10	16.464	
2,600.00	2,509.19	2,551.84	2,510.38	9.19	7.94	115.98	138.67	517.38	295.37	277.96	17.40	16.971	
2,700.00	2,603.88	2,650.49	2,606.94	9.42	8.09	117.59	145.35	536.44	309.43	291.69	17.74	17.447	
2,800.00	2,698.58	2,749.14	2,703.50	9.66	8.25	119.05	152.03	555.49	323.71	305.62	18.09	17.891	
2,900.00	2,793.27	2,847.78	2,800.06	9.93	8.42	120.40	158.72	574.54	338.18	319.70	18.48	18.303	
3,000.00	2,887.96	2,946.43	2,896.62	10.20	8.61	121.63	165.40	593.59	352.82	333.94	18.88	18.684	
3,100.00	2,982.66	3,045.08	2,993.18	10.49	8.80	122.76	172.08	612.64	367.61	348.30	19.31	19.034	
3,200.00	3,077.35	3,143.73	3,089.74	10.79	9.01	123.81	178.77	631.69	382.53	362.76	19.76	19.355	
3,300.00	3,172.04	3,242.37	3,186.30	11.10	9.22	124.78	185.45	650.75	397.56	377.33	20.23	19.648	
3,400.00	3,266.74	3,341.02	3,282.86	11.42	9.44	125.68	192.13	669.80	412.70	391.98	20.72	19.915	
3,500.00	3,361.43	3,439.67	3,379.42	11.75	9.67	126.51	198.82	688.85	427.93	406.70	21.23	20.157	
3,600.00	3,456.12	3,538.32	3,475.98	12.09	9.91	127.29	205.50	707.90	443.24	421.49	21.75	20.377	
3,700.00	3,550.81	3,636.96	3,572.54	12.44	10.16	128.01	212.18	726.95	458.63	436.34	22.29	20.577	
3,800.00	3,645.51	3,735.61	3,669.10	12.79	10.41	128.69	218.86	746.01	474.09	451.25	22.84	20.758	
3,900.00	3,740.20	3,834.26	3,765.66	13.15	10.67	129.33	225.55	765.06	489.60	466.20	23.40	20.921	
4,000.00	3,834.89	3,932.91	3,862.21	13.52	10.93	129.92	232.23	784.11	505.17	481.20	23.98	21.069	
4,100.00	3,929.59	4,031.55	3,958.77	13.89	11.20	130.48	238.91	803.16	520.79	496.23	24.56	21.202	
4,200.00	4,024.28	4,130.20	4,055.33	14.26	11.47	131.01	245.60	822.21	536.46	511.30	25.16	21.323	
4,300.00	4,118.97	4,228.85	4,151.89	14.65	11.75	131.51	252.28	841.26	552.17	526.41	25.76	21.431	
4,400.00	4,213.67	4,327.50	4,248.45	15.03	12.03	131.98	258.96	860.32	567.92	541.54	26.38	21.529	
4,500.00	4,308.36	4,426.14	4,345.01	15.42	12.31	132.42	265.65	879.37	583.70	556.70	27.00	21.617	
4,600.00	4,403.05	4,524.79	4,441.57	15.81	12.60	132.85	272.33	898.42	599.52	571.89	27.63	21.697	
4,700.00	4,497.74	4,623.44	4,538.13	16.21	12.89	133.25	279.01	917.47	615.36	587.10	28.27	21.768	
4,800.00	4,592.44	4,722.09	4,634.69	16.61	13.19	133.63	285.70	936.52	631.24	602.33	28.91	21.833	
4,900.00	4,687.13	4,820.73	4,731.25	17.01	13.49	133.99	292.38	955.57	647.14	617.58	29.56	21.891	
5,000.00	4,781.82	4,919.38	4,827.81	17.42	13.79	134.33	299.06	974.63	663.06	632.84	30.22	21.943	
5,100.00	4,876.52	5,018.03	4,924.37	17.83	14.09	134.66	305.75	993.68	679.01	648.13	30.88	21.989	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,200.00	4,971.21	5,116.68	5,020.93	18.24	14.40	134.97	312.43	1,012.73	694.97	663.43	31.54	22.031	
5,300.00	5,065.90	5,215.32	5,117.49	18.65	14.71	135.27	319.11	1,031.78	710.96	678.74	32.22	22.069	
5,400.00	5,160.60	5,313.97	5,214.05	19.07	15.02	135.56	325.79	1,050.83	726.96	694.07	32.89	22.103	
5,500.00	5,255.29	5,412.62	5,310.60	19.48	15.33	135.83	332.48	1,069.88	742.98	709.41	33.57	22.133	
5,600.00	5,349.98	5,511.27	5,407.16	19.90	15.65	136.09	339.16	1,088.94	759.02	724.77	34.25	22.160	
5,700.00	5,444.67	5,609.91	5,503.72	20.32	15.96	136.34	345.84	1,107.99	775.07	740.13	34.94	22.184	
5,800.00	5,539.37	5,708.56	5,600.28	20.74	16.28	136.58	352.53	1,127.04	791.14	755.51	35.63	22.205	
5,900.00	5,634.06	5,807.21	5,696.84	21.17	16.60	136.81	359.21	1,146.09	807.21	770.89	36.32	22.224	
6,000.00	5,728.75	5,905.86	5,793.40	21.59	16.92	137.04	365.89	1,165.14	823.31	786.29	37.02	22.241	
6,100.00	5,823.45	6,004.51	5,889.96	22.02	17.24	137.25	372.58	1,184.19	839.41	801.69	37.72	22.255	
6,200.00	5,918.14	6,103.15	5,986.52	22.45	17.57	137.46	379.26	1,203.25	855.52	817.10	38.42	22.268	
6,300.00	6,012.83	6,201.80	6,083.08	22.88	17.89	137.65	385.94	1,222.30	871.64	832.52	39.12	22.279	
6,400.00	6,107.53	6,300.45	6,179.64	23.31	18.22	137.85	392.63	1,241.35	887.78	847.95	39.83	22.289	
6,500.00	6,202.22	6,400.90	6,276.20	23.74	18.55	138.03	399.31	1,260.40	903.92	863.38	40.55	22.294	
6,600.00	6,296.91	6,502.26	6,372.76	24.17	18.89	138.21	405.99	1,279.45	920.07	878.81	41.27	22.296	
6,700.00	6,391.60	6,603.61	6,469.32	24.60	19.23	138.38	412.68	1,298.50	936.23	894.24	41.99	22.298	
6,800.00	6,486.30	6,695.04	6,565.88	25.04	19.54	138.54	419.36	1,317.56	952.40	909.72	42.68	22.315	
6,900.00	6,580.99	6,800.92	6,669.02	25.47	19.91	138.58	426.51	1,340.23	968.40	924.93	43.46	22.280	
7,000.00	6,675.68	6,912.68	6,772.95	25.91	20.43	137.63	433.80	1,380.26	983.18	938.68	44.51	22.090	
7,100.00	6,769.01	7,018.30	6,863.34	26.37	21.05	123.15	440.23	1,434.28	997.33	951.60	45.73	21.810	
7,200.00	6,857.00	7,119.52	6,940.47	26.93	21.76	112.10	445.81	1,499.42	1,011.22	964.09	47.12	21.459	
7,300.00	6,937.46	7,216.91	7,004.08	27.60	22.56	104.69	450.50	1,572.90	1,024.48	975.81	48.67	21.048	
7,400.00	7,008.38	7,310.99	7,054.21	28.37	23.43	99.32	454.31	1,652.31	1,036.75	986.40	50.35	20.592	
7,500.00	7,068.02	7,402.19	7,091.17	29.23	24.36	95.25	457.23	1,735.56	1,047.63	995.51	52.12	20.101	
7,600.00	7,114.92	7,490.92	7,115.38	30.17	25.32	92.15	459.30	1,820.82	1,056.79	1,002.83	53.95	19.588	
7,700.00	7,147.92	7,577.53	7,127.39	31.17	26.30	89.83	460.53	1,906.52	1,063.90	1,008.09	55.81	19.062	
7,800.00	7,166.21	7,668.63	7,128.82	32.22	27.35	88.22	461.07	1,997.57	1,068.59	1,010.78	57.80	18.487	
7,900.00	7,169.96	7,768.47	7,128.39	33.29	28.55	87.83	461.52	2,097.41	1,069.70	1,009.61	60.09	17.803	
8,000.00	7,169.81	7,868.47	7,127.97	34.40	29.79	87.81	461.97	2,197.41	1,069.75	1,007.27	62.48	17.123	
8,100.00	7,169.67	7,968.47	7,127.54	35.55	31.07	87.80	462.43	2,297.41	1,069.80	1,004.85	64.95	16.471	
8,200.00	7,169.52	8,068.47	7,127.11	36.73	32.39	87.78	462.88	2,397.40	1,069.86	1,002.35	67.50	15.849	
8,300.00	7,169.38	8,168.47	7,126.69	37.96	33.74	87.77	463.33	2,497.40	1,069.91	999.79	70.12	15.259	
8,400.00	7,169.23	8,268.46	7,126.26	39.21	35.11	87.75	463.79	2,597.40	1,069.96	997.17	72.79	14.699	
8,500.00	7,169.08	8,368.46	7,125.83	40.50	36.52	87.74	464.24	2,697.40	1,070.01	994.49	75.52	14.168	
8,600.00	7,168.94	8,468.46	7,125.40	41.81	37.94	87.72	464.70	2,797.39	1,070.07	991.77	78.30	13.666	
8,700.00	7,168.79	8,568.46	7,124.98	43.15	39.38	87.71	465.15	2,897.39	1,070.12	989.00	81.12	13.192	
8,800.00	7,168.65	8,668.46	7,124.55	44.51	40.84	87.69	465.60	2,997.39	1,070.17	986.20	83.98	12.744	
8,900.00	7,168.50	8,768.46	7,124.12	45.89	42.32	87.68	466.06	3,097.39	1,070.22	983.36	86.87	12.320	
9,000.00	7,168.36	8,868.46	7,123.70	47.29	43.80	87.66	466.51	3,197.39	1,070.28	980.49	89.79	11.920	
9,100.00	7,168.21	8,968.46	7,123.27	48.70	45.31	87.65	466.96	3,297.38	1,070.33	977.59	92.74	11.541	
9,200.00	7,168.06	9,068.46	7,122.84	50.13	46.82	87.63	467.42	3,397.38	1,070.38	974.67	95.72	11.183	
9,300.00	7,167.92	9,168.46	7,122.42	51.58	48.34	87.62	467.87	3,497.38	1,070.43	971.72	98.72	10.844	
9,400.00	7,167.77	9,268.46	7,121.99	53.04	49.88	87.60	468.32	3,597.38	1,070.49	968.75	101.74	10.522	
9,500.00	7,167.63	9,368.46	7,121.56	54.51	51.42	87.59	468.78	3,697.37	1,070.54	965.76	104.78	10.217	
9,600.00	7,167.48	9,468.46	7,121.13	55.99	52.97	87.57	469.23	3,797.37	1,070.59	962.76	107.83	9.928	
9,700.00	7,167.34	9,568.46	7,120.71	57.48	54.53	87.56	469.68	3,897.37	1,070.65	959.74	110.91	9.653	
9,800.00	7,167.19	9,668.46	7,120.28	58.98	56.09	87.54	470.14	3,997.37	1,070.70	956.70	114.00	9.392	
9,900.00	7,167.04	9,768.46	7,119.85	60.49	57.66	87.53	470.59	4,097.36	1,070.75	953.66	117.10	9.144	
10,000.00	7,166.90	9,868.46	7,119.43	62.01	59.24	87.51	471.04	4,197.36	1,070.81	950.59	120.21	8.908	
10,100.00	7,166.75	9,968.46	7,119.00	63.54	60.82	87.50	471.50	4,297.36	1,070.86	947.52	123.34	8.682	
10,200.00	7,166.61	10,068.46	7,118.57	65.07	62.40	87.48	471.95	4,397.36	1,070.92	944.44	126.48	8.467	
10,300.00	7,166.46	10,168.46	7,118.14	66.61	63.99	87.47	472.41	4,497.35	1,070.97	941.34	129.63	8.262	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,400.00	7,166.32	10,268.46	7,117.72	68.16	65.58	87.45	472.86	4,597.35	1,071.02	938.24	132.78	8.066	
10,500.00	7,166.17	10,368.46	7,117.29	69.71	67.18	87.44	473.31	4,697.35	1,071.08	935.13	135.95	7.879	
10,600.00	7,166.02	10,468.46	7,116.86	71.26	68.78	87.42	473.77	4,797.35	1,071.13	932.01	139.12	7.699	
10,700.00	7,165.88	10,568.46	7,116.44	72.83	70.39	87.41	474.22	4,897.35	1,071.19	928.88	142.30	7.528	
10,800.00	7,165.73	10,668.46	7,116.01	74.39	71.99	87.39	474.67	4,997.34	1,071.24	925.75	145.49	7.363	
10,900.00	7,165.59	10,768.45	7,115.58	75.97	73.60	87.38	475.13	5,097.34	1,071.29	922.61	148.68	7.205	
11,000.00	7,165.44	10,868.45	7,115.15	77.54	75.22	87.36	475.58	5,197.34	1,071.35	919.47	151.88	7.054	
11,100.00	7,165.29	10,968.45	7,114.73	79.12	76.83	87.35	476.03	5,297.34	1,071.40	916.31	155.09	6.908	
11,200.00	7,165.15	11,068.45	7,114.30	80.70	78.45	87.33	476.49	5,397.33	1,071.46	913.16	158.30	6.769	
11,300.00	7,165.00	11,168.45	7,113.87	82.29	80.07	87.32	476.94	5,497.33	1,071.51	909.99	161.52	6.634	
11,400.00	7,164.86	11,268.45	7,113.45	83.88	81.69	87.30	477.39	5,597.33	1,071.57	906.83	164.74	6.505	
11,500.00	7,164.71	11,368.45	7,113.02	85.47	83.32	87.29	477.85	5,697.33	1,071.62	903.66	167.96	6.380	
11,600.00	7,164.57	11,468.45	7,112.59	87.07	84.94	87.27	478.30	5,797.32	1,071.68	900.48	171.19	6.260	
11,700.00	7,164.42	11,568.45	7,112.17	88.67	86.57	87.26	478.75	5,897.32	1,071.73	897.30	174.43	6.144	
11,800.00	7,164.27	11,668.45	7,111.74	90.27	88.20	87.24	479.21	5,997.32	1,071.78	894.12	177.66	6.033	
11,900.00	7,164.13	11,768.45	7,111.31	91.87	89.83	87.23	479.66	6,097.32	1,071.84	890.94	180.90	5.925	
12,000.00	7,163.98	11,868.45	7,110.88	93.48	91.47	87.21	480.12	6,197.31	1,071.89	887.75	184.15	5.821	
12,100.00	7,163.84	11,968.45	7,110.46	95.09	93.10	87.20	480.57	6,297.31	1,071.95	884.55	187.40	5.720	
12,200.00	7,163.69	12,068.45	7,110.03	96.70	94.73	87.18	481.02	6,397.31	1,072.00	881.36	190.65	5.623	
12,300.00	7,163.55	12,168.45	7,109.60	98.31	96.37	87.17	481.48	6,497.31	1,072.06	878.16	193.90	5.529	
12,400.00	7,163.40	12,268.45	7,109.18	99.93	98.01	87.15	481.93	6,597.31	1,072.12	874.96	197.16	5.438	
12,500.00	7,163.25	12,368.45	7,108.75	101.54	99.65	87.14	482.38	6,697.30	1,072.17	871.76	200.41	5.350	
12,600.00	7,163.11	12,468.45	7,108.32	103.16	101.29	87.12	482.84	6,797.30	1,072.23	868.55	203.68	5.264	
12,700.00	7,162.96	12,568.45	7,107.89	104.78	102.93	87.11	483.29	6,897.30	1,072.28	865.34	206.94	5.182	
12,800.00	7,162.82	12,668.45	7,107.47	106.41	104.57	87.09	483.74	6,997.30	1,072.34	862.13	210.20	5.101	
12,900.00	7,162.67	12,768.45	7,107.04	108.03	106.21	87.08	484.20	7,097.29	1,072.39	858.92	213.47	5.024	
13,000.00	7,162.53	12,868.45	7,106.61	109.65	107.86	87.06	484.65	7,197.29	1,072.45	855.71	216.74	4.948	
13,100.00	7,162.38	12,968.45	7,106.19	111.28	109.50	87.05	485.10	7,297.29	1,072.50	852.49	220.01	4.875	
13,200.00	7,162.23	13,068.45	7,105.76	112.91	111.15	87.04	485.56	7,397.29	1,072.56	849.27	223.29	4.804	
13,300.00	7,162.09	13,168.45	7,105.33	114.54	112.79	87.02	486.01	7,497.28	1,072.62	846.05	226.56	4.734	
13,400.00	7,161.94	13,268.44	7,104.90	116.17	114.44	87.01	486.46	7,597.28	1,072.67	842.83	229.84	4.667	
13,500.00	7,161.80	13,368.44	7,104.48	117.80	116.09	86.99	486.92	7,697.28	1,072.73	839.61	233.12	4.602	
13,600.00	7,161.65	13,468.44	7,104.05	119.43	117.74	86.98	487.37	7,797.28	1,072.78	836.39	236.40	4.538	
13,700.00	7,161.51	13,568.44	7,103.62	121.06	119.39	86.96	487.83	7,897.28	1,072.84	833.16	239.68	4.476	
13,800.00	7,161.36	13,668.44	7,103.20	122.70	121.04	86.95	488.28	7,997.27	1,072.90	829.94	242.96	4.416	
13,900.00	7,161.21	13,768.44	7,102.77	124.33	122.69	86.93	488.73	8,097.27	1,072.95	826.71	246.24	4.357	
14,000.00	7,161.07	13,868.44	7,102.34	125.97	124.34	86.92	489.19	8,197.27	1,073.01	823.48	249.53	4.300	
14,100.00	7,160.92	13,968.44	7,101.91	127.61	125.99	86.90	489.64	8,297.27	1,073.07	820.25	252.82	4.244	
14,200.00	7,160.78	14,068.44	7,101.49	129.24	127.64	86.89	490.09	8,397.26	1,073.12	817.02	256.10	4.190	
14,300.00	7,160.63	14,168.44	7,101.06	130.88	129.29	86.87	490.55	8,497.26	1,073.18	813.79	259.39	4.137	
14,400.00	7,160.49	14,268.44	7,100.63	132.52	130.95	86.86	491.00	8,597.26	1,073.24	810.56	262.68	4.086	
14,500.00	7,160.34	14,368.44	7,100.21	134.16	132.60	86.84	491.45	8,697.26	1,073.29	807.32	265.97	4.035	
14,600.00	7,160.19	14,468.44	7,099.78	135.80	134.25	86.83	491.91	8,797.25	1,073.35	804.09	269.26	3.986	
14,700.00	7,160.05	14,568.44	7,099.35	137.45	135.91	86.81	492.36	8,897.25	1,073.41	800.85	272.56	3.938	
14,800.00	7,159.90	14,668.44	7,098.93	139.09	137.56	86.80	492.81	8,997.25	1,073.46	797.61	275.85	3.891	
14,900.00	7,159.76	14,768.44	7,098.50	140.73	139.22	86.78	493.27	9,097.25	1,073.52	794.38	279.14	3.846	
15,000.00	7,159.61	14,868.44	7,098.07	142.38	140.87	86.77	493.72	9,197.24	1,073.58	791.14	282.44	3.801	
15,100.00	7,159.47	14,968.44	7,097.64	144.02	142.53	86.75	494.17	9,297.24	1,073.64	787.90	285.74	3.757	
15,200.00	7,159.32	15,068.44	7,097.22	145.67	144.19	86.74	494.63	9,397.24	1,073.69	784.66	289.03	3.715	
15,300.00	7,159.17	15,168.44	7,096.79	147.31	145.84	86.72	495.08	9,497.24	1,073.75	781.42	292.33	3.673	
15,400.00	7,159.03	15,268.44	7,096.36	148.96	147.50	86.71	495.54	9,597.24	1,073.81	778.18	295.63	3.632	
15,500.00	7,158.88	15,368.44	7,095.94	150.61	149.16	86.69	495.99	9,697.23	1,073.87	774.94	298.93	3.592	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,600.00	7,158.74	15,468.44	7,095.51	152.26	150.82	86.68	496.44	9,797.23	1,073.92	771.70	302.23	3.553	
15,700.00	7,158.59	15,568.44	7,095.08	153.90	152.47	86.66	496.90	9,897.23	1,073.98	768.45	305.53	3.515	
15,800.00	7,158.44	15,668.44	7,094.65	155.55	154.13	86.65	497.35	9,997.23	1,074.04	765.21	308.83	3.478	
15,900.00	7,158.30	15,768.43	7,094.23	157.20	155.79	86.63	497.80	10,097.22	1,074.10	761.97	312.13	3.441	
16,000.00	7,158.15	15,868.43	7,093.80	158.85	157.45	86.62	498.26	10,197.22	1,074.15	758.72	315.43	3.405	
16,100.00	7,158.01	15,968.43	7,093.37	160.50	159.11	86.60	498.71	10,297.22	1,074.21	755.48	318.73	3.370	
16,200.00	7,157.86	16,068.43	7,092.95	162.15	160.77	86.59	499.16	10,397.22	1,074.27	752.23	322.04	3.336	
16,300.00	7,157.72	16,168.43	7,092.52	163.80	162.43	86.57	499.62	10,497.21	1,074.33	748.99	325.34	3.302	
16,400.00	7,157.57	16,268.43	7,092.09	165.46	164.09	86.56	500.07	10,597.21	1,074.39	745.74	328.64	3.269	
16,500.00	7,157.42	16,368.43	7,091.66	167.11	165.75	86.54	500.52	10,697.21	1,074.45	742.50	331.95	3.237	
16,600.00	7,157.28	16,468.43	7,091.24	168.76	167.41	86.53	500.98	10,797.21	1,074.50	739.25	335.25	3.205	
16,700.00	7,157.13	16,568.43	7,090.81	170.41	169.07	86.51	501.43	10,897.20	1,074.56	736.00	338.56	3.174	
16,800.00	7,156.99	16,668.43	7,090.38	172.07	170.73	86.50	501.88	10,997.20	1,074.62	732.76	341.87	3.143	
16,900.00	7,156.84	16,768.43	7,089.96	173.72	172.39	86.49	502.34	11,097.20	1,074.68	729.51	345.17	3.113	
17,000.00	7,156.70	16,868.43	7,089.53	175.37	174.06	86.47	502.79	11,197.20	1,074.74	726.26	348.48	3.084	
17,100.00	7,156.55	16,968.43	7,089.10	177.03	175.72	86.46	503.25	11,297.20	1,074.80	723.01	351.78	3.055	
17,200.00	7,156.40	17,068.43	7,088.67	178.68	177.38	86.44	503.70	11,397.19	1,074.85	719.76	355.09	3.027	
17,300.00	7,156.26	17,168.43	7,088.25	180.34	179.04	86.43	504.15	11,497.19	1,074.91	716.51	358.40	2.999	
17,400.00	7,156.11	17,268.43	7,087.82	181.99	180.70	86.41	504.61	11,597.19	1,074.97	713.27	361.71	2.972	
17,500.00	7,155.97	17,368.43	7,087.39	183.65	182.37	86.40	505.06	11,697.19	1,075.03	710.02	365.02	2.945	
17,600.00	7,155.82	17,468.43	7,086.97	185.30	184.03	86.38	505.51	11,797.18	1,075.09	706.77	368.32	2.919	
17,700.00	7,155.68	17,568.43	7,086.54	186.96	185.69	86.37	505.97	11,897.18	1,075.15	703.52	371.63	2.893	
17,800.00	7,155.53	17,668.43	7,086.11	188.62	187.35	86.35	506.42	11,997.18	1,075.21	700.27	374.94	2.868	
17,900.00	7,155.38	17,768.43	7,085.69	190.27	189.02	86.34	506.87	12,097.18	1,075.27	697.02	378.25	2.843	
18,000.00	7,155.24	17,868.43	7,085.26	191.93	190.68	86.32	507.33	12,197.17	1,075.33	693.77	381.56	2.818	
18,100.00	7,155.09	17,968.43	7,084.83	193.59	192.34	86.31	507.78	12,297.17	1,075.39	690.52	384.87	2.794	
18,100.15	7,155.09	17,968.58	7,084.83	193.59	192.35	86.31	507.78	12,297.32	1,075.39	690.51	384.88	2.794	
18,200.00	7,154.95	18,028.81	7,084.57	195.24	193.35	86.30	508.05	12,357.56	1,076.18	689.48	386.69	2.783 SF	
18,263.53	7,154.85	18,028.81	7,084.57	196.30	193.35	86.30	508.05	12,357.56	1,080.42	695.07	385.35	2.804	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.45	-1.10	139.76	139.77				
100.00	100.00	101.00	99.00	3.28	3.28	90.45	-1.10	139.76	139.77	132.24	7.53	18.564	
200.00	200.00	199.00	199.00	3.31	3.30	90.45	-1.10	139.76	139.77	132.19	7.57	18.454	
279.67	279.67	277.82	277.81	3.34	3.34	44.55	-0.09	139.82	139.54	131.90	7.64	18.264 CC, ES	
300.00	300.00	297.20	297.18	3.35	3.35	44.32	0.33	140.00	139.86	132.20	7.66	18.258	
400.00	399.95	392.53	392.45	3.42	3.41	44.23	2.50	142.82	140.70	132.92	7.78	18.091	
500.00	499.74	487.80	487.49	3.51	3.49	44.99	4.86	148.80	142.37	134.44	7.93	17.958	
600.00	599.24	582.93	582.14	3.62	3.59	46.55	7.40	157.91	144.96	136.85	8.11	17.865	
700.00	698.33	677.84	676.22	3.76	3.72	48.83	10.13	170.12	148.65	140.31	8.34	17.824	
800.00	796.90	772.45	769.55	3.93	3.88	51.71	13.03	185.39	153.65	145.04	8.61	17.844	
900.00	894.81	870.52	865.88	4.14	4.08	55.28	16.17	203.50	159.37	150.40	8.97	17.766	
1,000.00	991.96	969.61	963.19	4.40	4.31	59.66	19.35	221.89	164.03	154.61	9.41	17.427	
1,100.00	1,088.23	1,068.34	1,060.16	4.71	4.57	64.80	22.51	240.23	168.12	158.18	9.94	16.916	
1,200.00	1,183.49	1,166.61	1,156.67	5.07	4.84	70.68	25.67	258.47	172.38	161.82	10.56	16.319	
1,300.00	1,278.18	1,264.60	1,252.90	5.48	5.13	76.85	28.81	276.66	178.05	166.77	11.27	15.794	
1,400.00	1,372.87	1,362.58	1,349.12	5.91	5.43	82.58	31.95	294.85	185.70	173.66	12.04	15.424	
1,500.00	1,467.57	1,460.56	1,445.35	6.37	5.74	87.83	35.09	313.05	195.11	182.27	12.84	15.196	
1,600.00	1,562.26	1,558.54	1,541.58	6.85	6.06	92.58	38.24	331.24	206.03	192.37	13.66	15.080	
1,700.00	1,656.95	1,656.53	1,637.81	7.34	6.39	96.83	41.38	349.43	218.25	203.75	14.50	15.055	
1,800.00	1,751.65	1,754.51	1,734.03	7.85	6.73	100.62	44.52	367.62	231.54	216.20	15.34	15.098	
1,900.00	1,846.34	1,852.49	1,830.26	8.13	6.99	104.00	47.66	385.81	245.74	230.25	15.50	15.858	
2,000.00	1,941.03	1,950.47	1,926.49	8.21	7.10	107.01	50.80	404.00	260.71	245.02	15.68	16.626	
2,100.00	2,035.73	2,048.45	2,022.72	8.32	7.15	109.69	53.95	422.19	276.30	260.48	15.82	17.466	
2,200.00	2,130.42	2,146.44	2,118.94	8.45	7.22	112.08	57.09	440.39	292.44	276.45	15.99	18.289	
2,300.00	2,225.11	2,244.42	2,215.17	8.60	7.30	114.22	60.23	458.58	309.02	292.83	16.19	19.085	
2,400.00	2,319.81	2,342.40	2,311.40	8.78	7.40	116.15	63.37	476.77	325.99	309.56	16.43	19.847	
2,500.00	2,414.50	2,440.38	2,407.63	8.97	7.51	117.88	66.52	494.96	343.28	326.59	16.69	20.569	
2,600.00	2,509.19	2,538.37	2,503.85	9.19	7.64	119.45	69.66	513.15	360.85	343.87	16.98	21.248	
2,700.00	2,603.88	2,636.35	2,600.08	9.42	7.78	120.87	72.80	531.34	378.66	361.35	17.31	21.881	
2,800.00	2,698.58	2,734.33	2,696.31	9.66	7.93	122.17	75.94	549.53	396.68	379.02	17.66	22.468	
2,900.00	2,793.27	2,832.31	2,792.54	9.93	8.09	123.35	79.09	567.73	414.87	396.84	18.03	23.009	
3,000.00	2,887.96	2,930.30	2,888.76	10.20	8.27	124.44	82.23	585.92	433.23	414.80	18.43	23.506	
3,100.00	2,982.66	3,028.28	2,984.99	10.49	8.45	125.43	85.37	604.11	451.72	432.87	18.85	23.960	
3,200.00	3,077.35	3,126.26	3,081.22	10.79	8.64	126.35	88.51	622.30	470.34	451.04	19.30	24.374	
3,300.00	3,172.04	3,224.24	3,177.45	11.10	8.85	127.20	91.65	640.49	489.07	469.30	19.76	24.750	
3,400.00	3,266.74	3,322.22	3,273.67	11.42	9.06	127.98	94.80	658.68	507.89	487.64	20.24	25.090	
3,500.00	3,361.43	3,420.21	3,369.90	11.75	9.28	128.71	97.94	676.87	526.79	506.05	20.74	25.398	
3,600.00	3,456.12	3,518.19	3,466.13	12.09	9.51	129.39	101.08	695.06	545.78	524.52	21.26	25.676	
3,700.00	3,550.81	3,616.17	3,562.36	12.44	9.74	130.03	104.22	713.26	564.83	543.04	21.79	25.927	
3,800.00	3,645.51	3,714.15	3,658.58	12.79	9.98	130.62	107.37	731.45	583.94	561.62	22.33	26.152	
3,900.00	3,740.20	3,812.14	3,754.81	13.15	10.23	131.17	110.51	749.64	603.12	580.23	22.88	26.355	
4,000.00	3,834.89	3,910.12	3,851.04	13.52	10.48	131.69	113.65	767.83	622.34	598.89	23.45	26.537	
4,100.00	3,929.59	4,008.10	3,947.26	13.89	10.74	132.18	116.79	786.02	641.61	617.58	24.03	26.700	
4,200.00	4,024.28	4,106.08	4,043.49	14.26	11.00	132.64	119.94	804.21	660.92	636.30	24.62	26.846	
4,300.00	4,118.97	4,204.06	4,139.72	14.65	11.26	133.08	123.08	822.40	680.27	655.06	25.22	26.977	
4,400.00	4,213.67	4,302.05	4,235.95	15.03	11.53	133.49	126.22	840.60	699.66	673.84	25.82	27.095	
4,500.00	4,308.36	4,400.03	4,332.17	15.42	11.81	133.88	129.36	858.79	719.08	692.64	26.44	27.200	
4,600.00	4,403.05	4,501.99	4,428.40	15.81	12.10	134.25	132.50	876.98	738.53	711.46	27.07	27.282	
4,700.00	4,497.74	4,604.01	4,524.63	16.21	12.39	134.60	135.65	895.17	758.01	730.30	27.71	27.354	
4,800.00	4,592.44	4,706.02	4,620.86	16.61	12.69	134.93	138.79	913.36	777.51	749.15	28.36	27.417	
4,900.00	4,687.13	4,808.04	4,717.08	17.01	12.99	135.24	141.93	931.55	797.04	768.03	29.01	27.473	
5,000.00	4,781.82	4,889.94	4,813.31	17.42	13.23	135.55	145.07	949.74	816.59	786.98	29.61	27.577	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,876.52	4,987.92	4,909.54	17.83	13.52	135.83	148.22	967.94	836.16	805.90	30.26	27.629	
5,200.00	4,971.21	5,085.90	5,005.77	18.24	13.81	136.11	151.36	986.13	855.75	824.83	30.92	27.675	
5,300.00	5,065.90	5,183.89	5,101.99	18.65	14.11	136.37	154.50	1,004.32	875.36	843.78	31.58	27.716	
5,400.00	5,160.60	5,281.87	5,198.22	19.07	14.41	136.62	157.64	1,022.51	894.98	862.73	32.25	27.752	
5,500.00	5,255.29	5,379.85	5,294.45	19.48	14.71	136.86	160.79	1,040.70	914.62	881.70	32.92	27.784	
5,600.00	5,349.98	5,477.83	5,390.68	19.90	15.01	137.08	163.93	1,058.89	934.28	900.69	33.59	27.811	
5,700.00	5,444.67	5,575.82	5,486.90	20.32	15.32	137.30	167.07	1,077.08	953.95	919.68	34.27	27.835	
5,800.00	5,539.37	5,673.80	5,583.13	20.74	15.63	137.52	170.21	1,095.28	973.63	938.68	34.95	27.856	
5,900.00	5,634.06	5,771.78	5,679.36	21.17	15.93	137.72	173.35	1,113.47	993.32	957.69	35.64	27.874	
6,000.00	5,728.75	5,869.76	5,775.59	21.59	16.24	137.91	176.50	1,131.66	1,013.03	976.71	36.32	27.889	
6,100.00	5,823.45	5,967.74	5,871.81	22.02	16.55	138.10	179.64	1,149.85	1,032.75	995.73	37.01	27.902	
6,200.00	5,918.14	6,065.73	5,968.04	22.45	16.86	138.28	182.78	1,168.04	1,052.47	1,014.77	37.71	27.912	
6,300.00	6,012.83	6,163.71	6,064.27	22.88	17.18	138.45	185.92	1,186.23	1,072.21	1,033.81	38.40	27.921	
6,400.00	6,107.53	6,261.69	6,160.50	23.31	17.49	138.62	189.07	1,204.42	1,091.95	1,052.86	39.10	27.928	
6,500.00	6,202.22	6,359.67	6,256.72	23.74	17.81	138.78	192.21	1,222.62	1,111.71	1,071.91	39.80	27.933	
6,600.00	6,296.91	6,457.66	6,352.95	24.17	18.12	138.94	195.35	1,240.81	1,131.47	1,090.97	40.50	27.937	
6,700.00	6,391.60	6,555.64	6,449.18	24.60	18.44	139.09	198.49	1,259.00	1,151.24	1,110.04	41.21	27.939	
6,800.00	6,486.30	6,653.62	6,545.41	25.04	18.76	139.23	201.64	1,277.19	1,171.02	1,129.11	41.91	27.940	
6,900.00	6,580.99	6,751.60	6,641.63	25.47	19.08	139.37	204.78	1,295.38	1,190.80	1,148.18	42.62	27.940	
7,000.00	6,675.68	6,872.83	6,759.53	25.91	19.52	139.30	208.87	1,322.85	1,210.04	1,166.52	43.52	27.807	
7,100.00	6,769.01	7,007.90	6,882.55	26.37	20.19	125.28	214.37	1,377.71	1,226.75	1,181.98	44.77	27.403	
7,200.00	6,857.00	7,138.19	6,987.68	26.93	21.03	114.49	220.46	1,454.04	1,241.26	1,194.95	46.31	26.802	
7,300.00	6,937.46	7,262.77	7,071.66	27.60	22.02	107.25	226.76	1,545.58	1,253.46	1,205.35	48.11	26.054	
7,400.00	7,008.38	7,381.23	7,133.53	28.37	23.12	101.97	232.96	1,646.21	1,263.26	1,213.14	50.11	25.208	
7,500.00	7,068.02	7,493.56	7,174.02	29.23	24.27	97.95	238.83	1,750.66	1,270.58	1,218.33	52.26	24.315	
7,600.00	7,114.92	7,600.05	7,194.88	30.17	25.45	94.87	244.22	1,854.83	1,275.39	1,220.93	54.46	23.418	
7,700.00	7,147.92	7,700.32	7,198.88	31.17	26.59	92.57	249.01	1,954.82	1,277.64	1,220.99	56.65	22.553	
7,800.00	7,166.21	7,801.56	7,198.43	32.22	27.79	91.38	253.61	2,052.84	1,277.26	1,218.33	58.93	21.676	
7,900.00	7,169.96	7,901.77	7,197.96	33.29	29.02	91.31	258.28	2,152.51	1,273.89	1,212.60	61.29	20.785	
8,000.00	7,169.81	7,998.14	7,197.50	34.40	30.25	91.30	262.96	2,252.32	1,269.70	1,206.00	63.69	19.935	
8,100.00	7,169.67	8,101.95	7,197.03	35.55	31.61	91.29	267.64	2,352.12	1,265.50	1,199.23	66.27	19.096	
8,200.00	7,169.52	8,202.03	7,196.57	36.73	32.95	91.28	272.32	2,451.92	1,261.31	1,192.44	68.87	18.315	
8,300.00	7,169.38	8,302.12	7,196.11	37.96	34.33	91.27	277.00	2,551.72	1,257.11	1,185.58	71.53	17.575	
8,400.00	7,169.23	8,402.21	7,195.64	39.21	35.72	91.26	281.68	2,651.52	1,252.92	1,178.67	74.24	16.876	
8,500.00	7,169.08	8,502.30	7,195.18	40.50	37.14	91.25	286.36	2,751.32	1,248.72	1,171.72	77.01	16.216	
8,600.00	7,168.94	8,602.39	7,194.71	41.81	38.58	91.24	291.04	2,851.12	1,244.53	1,164.71	79.81	15.593	
8,700.00	7,168.79	8,702.48	7,194.25	43.15	40.04	91.23	295.72	2,950.92	1,240.33	1,157.67	82.66	15.005	
8,800.00	7,168.65	8,802.56	7,193.79	44.51	41.52	91.22	300.39	3,050.72	1,236.14	1,150.59	85.55	14.450	
8,900.00	7,168.50	8,902.65	7,193.32	45.89	43.00	91.21	305.07	3,150.53	1,231.94	1,143.48	88.46	13.926	
9,000.00	7,168.36	9,002.74	7,192.86	47.29	44.50	91.19	309.75	3,250.33	1,227.75	1,136.34	91.40	13.432	
9,100.00	7,168.21	9,102.83	7,192.39	48.70	46.02	91.18	314.43	3,350.13	1,223.55	1,129.18	94.38	12.965	
9,200.00	7,168.06	9,202.92	7,191.93	50.13	47.54	91.17	319.11	3,449.93	1,219.36	1,121.99	97.37	12.523	
9,300.00	7,167.92	9,303.01	7,191.47	51.58	49.07	91.16	323.79	3,549.73	1,215.17	1,114.78	100.39	12.105	
9,400.00	7,167.77	9,403.09	7,191.00	53.04	50.61	91.15	328.47	3,649.53	1,210.97	1,107.55	103.42	11.709	
9,500.00	7,167.63	9,503.18	7,190.54	54.51	52.16	91.14	333.15	3,749.33	1,206.78	1,100.30	106.48	11.334	
9,600.00	7,167.48	9,603.27	7,190.07	55.99	53.72	91.13	337.83	3,849.13	1,202.58	1,093.04	109.55	10.978	
9,700.00	7,167.34	9,703.36	7,189.61	57.48	55.28	91.12	342.51	3,948.93	1,198.39	1,085.76	112.63	10.640	
9,800.00	7,167.19	9,803.45	7,189.15	58.98	56.85	91.11	347.19	4,048.73	1,194.19	1,078.46	115.73	10.319	
9,900.00	7,167.04	9,903.54	7,188.68	60.49	58.42	91.09	351.86	4,148.54	1,190.00	1,071.15	118.85	10.013	
10,000.00	7,166.90	9,996.38	7,188.22	62.01	59.88	91.08	356.54	4,248.34	1,185.81	1,063.95	121.86	9.731	
10,100.00	7,166.75	10,069.49	7,187.88	63.54	61.04	91.07	359.23	4,321.40	1,182.65	1,058.32	124.33	9.512	
10,178.08	7,166.64	10,124.76	7,187.62	64.73	61.92	91.07	360.04	4,376.66	1,181.90	1,055.71	126.19	9.366	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	7,166.61	10,140.28	7,187.55	65.07	62.17	91.06	360.07	4,392.18	1,181.96	1,055.26	126.70	9.329		
10,300.00	7,166.46	10,230.68	7,187.13	66.61	63.61	91.05	359.38	4,482.57	1,183.18	1,053.60	129.58	9.131		
10,400.00	7,166.32	10,330.67	7,186.66	68.16	65.20	91.03	358.52	4,582.56	1,184.53	1,051.79	132.75	8.923		
10,500.00	7,166.17	10,430.66	7,186.20	69.71	66.80	91.01	357.65	4,682.54	1,185.89	1,049.97	135.92	8.725		
10,600.00	7,166.02	10,530.65	7,185.73	71.26	68.40	91.00	356.79	4,782.53	1,187.24	1,048.14	139.10	8.535		
10,700.00	7,165.88	10,630.64	7,185.26	72.83	70.00	90.98	355.92	4,882.51	1,188.59	1,046.31	142.29	8.354		
10,800.00	7,165.73	10,730.63	7,184.80	74.39	71.61	90.97	355.06	4,982.50	1,189.95	1,044.47	145.48	8.179		
10,900.00	7,165.59	10,830.62	7,184.33	75.97	73.22	90.95	354.19	5,082.48	1,191.30	1,042.62	148.68	8.012		
11,000.00	7,165.44	10,930.61	7,183.87	77.54	74.83	90.93	353.33	5,182.47	1,192.66	1,040.77	151.89	7.852		
11,100.00	7,165.29	11,030.60	7,183.40	79.12	76.45	90.92	352.46	5,282.45	1,194.01	1,038.91	155.10	7.698		
11,200.00	7,165.15	11,130.59	7,182.94	80.70	78.07	90.90	351.60	5,382.44	1,195.37	1,037.05	158.32	7.550		
11,300.00	7,165.00	11,230.58	7,182.47	82.29	79.69	90.88	350.73	5,482.43	1,196.72	1,035.18	161.55	7.408		
11,400.00	7,164.86	11,330.57	7,182.00	83.88	81.31	90.87	349.87	5,582.41	1,198.08	1,033.30	164.77	7.271		
11,500.00	7,164.71	11,430.56	7,181.54	85.47	82.94	90.85	349.00	5,682.40	1,199.43	1,031.42	168.01	7.139		
11,600.00	7,164.57	11,530.55	7,181.07	87.07	84.56	90.83	348.14	5,782.38	1,200.79	1,029.54	171.25	7.012		
11,700.00	7,164.42	11,630.54	7,180.61	88.67	86.19	90.82	347.27	5,882.37	1,202.14	1,027.66	174.49	6.890		
11,800.00	7,164.27	11,730.53	7,180.14	90.27	87.82	90.80	346.41	5,982.35	1,203.50	1,025.77	177.73	6.771		
11,900.00	7,164.13	11,830.52	7,179.68	91.87	89.45	90.79	345.54	6,082.34	1,204.85	1,023.87	180.98	6.657		
12,000.00	7,163.98	11,930.51	7,179.21	93.48	91.09	90.77	344.68	6,182.32	1,206.21	1,021.98	184.23	6.547		
12,100.00	7,163.84	12,030.50	7,178.74	95.09	92.72	90.75	343.81	6,282.31	1,207.57	1,020.08	187.49	6.441		
12,200.00	7,163.69	12,130.49	7,178.28	96.70	94.36	90.74	342.95	6,382.29	1,208.92	1,018.17	190.75	6.338		
12,300.00	7,163.55	12,230.48	7,177.81	98.31	96.00	90.72	342.08	6,482.28	1,210.28	1,016.27	194.01	6.238		
12,400.00	7,163.40	12,330.47	7,177.35	99.93	97.63	90.71	341.22	6,582.26	1,211.63	1,014.36	197.27	6.142		
12,500.00	7,163.25	12,430.46	7,176.88	101.54	99.27	90.69	340.35	6,682.25	1,212.99	1,012.45	200.54	6.049		
12,600.00	7,163.11	12,530.45	7,176.41	103.16	100.92	90.67	339.49	6,782.24	1,214.34	1,010.53	203.81	5.958		
12,700.00	7,162.96	12,630.44	7,175.95	104.78	102.56	90.66	338.62	6,882.22	1,215.70	1,008.62	207.08	5.871		
12,800.00	7,162.82	12,730.43	7,175.48	106.41	104.20	90.64	337.76	6,982.21	1,217.06	1,006.70	210.36	5.786		
12,900.00	7,162.67	12,830.42	7,175.02	108.03	105.84	90.63	336.89	7,082.19	1,218.41	1,004.78	213.63	5.703		
13,000.00	7,162.53	12,930.41	7,174.55	109.65	107.49	90.61	336.03	7,182.18	1,219.77	1,002.86	216.91	5.623		
13,100.00	7,162.38	13,030.40	7,174.09	111.28	109.13	90.60	335.16	7,282.16	1,221.13	1,000.94	220.19	5.546		
13,200.00	7,162.23	13,130.39	7,173.62	112.91	110.78	90.58	334.30	7,382.15	1,222.48	999.01	223.47	5.470		
13,300.00	7,162.09	13,230.38	7,173.15	114.54	112.43	90.56	333.43	7,482.13	1,223.84	997.08	226.76	5.397		
13,400.00	7,161.94	13,330.37	7,172.69	116.17	114.08	90.55	332.57	7,582.12	1,225.20	995.15	230.04	5.326		
13,500.00	7,161.80	13,430.36	7,172.22	117.80	115.73	90.53	331.70	7,682.10	1,226.55	993.22	233.33	5.257		
13,600.00	7,161.65	13,530.35	7,171.76	119.43	117.37	90.52	330.84	7,782.09	1,227.91	991.29	236.62	5.189		
13,700.00	7,161.51	13,630.34	7,171.29	121.06	119.02	90.50	329.97	7,882.08	1,229.27	989.36	239.91	5.124		
13,800.00	7,161.36	13,730.33	7,170.83	122.70	120.68	90.49	329.11	7,982.06	1,230.63	987.42	243.20	5.060		
13,900.00	7,161.21	13,830.32	7,170.36	124.33	122.33	90.47	328.24	8,082.05	1,231.98	985.49	246.49	4.998		
14,000.00	7,161.07	13,930.31	7,169.89	125.97	123.98	90.46	327.38	8,182.03	1,233.34	983.55	249.79	4.938		
14,100.00	7,160.92	14,030.30	7,169.43	127.61	125.63	90.44	326.51	8,282.02	1,234.70	981.61	253.08	4.879		
14,200.00	7,160.78	14,130.29	7,168.96	129.24	127.28	90.42	325.65	8,382.00	1,236.06	979.67	256.38	4.821		
14,300.00	7,160.63	14,230.28	7,168.50	130.88	128.94	90.41	324.78	8,481.99	1,237.41	977.73	259.68	4.765		
14,400.00	7,160.49	14,330.28	7,168.03	132.52	130.59	90.39	323.92	8,581.97	1,238.77	975.79	262.98	4.711		
14,500.00	7,160.34	14,430.27	7,167.56	134.16	132.25	90.38	323.05	8,681.96	1,240.13	973.85	266.28	4.657		
14,600.00	7,160.19	14,530.26	7,167.10	135.80	133.90	90.36	322.19	8,781.94	1,241.49	971.90	269.58	4.605		
14,700.00	7,160.05	14,630.25	7,166.63	137.45	135.56	90.35	321.32	8,881.93	1,242.84	969.96	272.88	4.554		
14,800.00	7,159.90	14,730.24	7,166.17	139.09	137.21	90.33	320.46	8,981.91	1,244.20	968.01	276.19	4.505		
14,900.00	7,159.76	14,830.23	7,165.70	140.73	138.87	90.32	319.59	9,081.90	1,245.56	966.07	279.49	4.457		
15,000.00	7,159.61	14,930.22	7,165.24	142.38	140.53	90.30	318.73	9,181.89	1,246.92	964.12	282.80	4.409		
15,100.00	7,159.47	15,030.21	7,164.77	144.02	142.18	90.29	317.86	9,281.87	1,248.28	962.17	286.10	4.363		
15,200.00	7,159.32	15,130.20	7,164.30	145.67	143.84	90.27	317.00	9,381.86	1,249.64	960.22	289.41	4.318		
15,300.00	7,159.17	15,230.19	7,163.84	147.31	145.50	90.26	316.13	9,481.84	1,250.99	958.28	292.72	4.274		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,400.00	7,159.03	15,330.18	7,163.37	148.96	147.16	90.24	315.27	9,581.83	1,252.35	956.32	296.03	4.231	
15,500.00	7,158.88	15,430.17	7,162.91	150.61	148.82	90.23	314.40	9,681.81	1,253.71	954.37	299.34	4.188	
15,600.00	7,158.74	15,530.16	7,162.44	152.26	150.48	90.21	313.54	9,781.80	1,255.07	952.42	302.65	4.147	
15,700.00	7,158.59	15,630.15	7,161.98	153.90	152.14	90.20	312.67	9,881.78	1,256.43	950.47	305.96	4.107	
15,800.00	7,158.44	15,730.14	7,161.51	155.55	153.79	90.18	311.81	9,981.77	1,257.79	948.52	309.27	4.067	
15,900.00	7,158.30	15,830.13	7,161.04	157.20	155.45	90.17	310.94	10,081.75	1,259.15	946.56	312.58	4.028	
16,000.00	7,158.15	15,930.12	7,160.58	158.85	157.11	90.15	310.08	10,181.74	1,260.51	944.61	315.90	3.990	
16,100.00	7,158.01	16,030.11	7,160.11	160.50	158.78	90.14	309.21	10,281.73	1,261.87	942.66	319.21	3.953	
16,200.00	7,157.86	16,130.10	7,159.65	162.15	160.44	90.13	308.35	10,381.71	1,263.22	940.70	322.52	3.917	
16,300.00	7,157.72	16,230.09	7,159.18	163.80	162.10	90.11	307.48	10,481.70	1,264.58	938.75	325.84	3.881	
16,400.00	7,157.57	16,330.08	7,158.71	165.46	163.76	90.10	306.62	10,581.68	1,265.94	936.79	329.15	3.846	
16,500.00	7,157.42	16,430.07	7,158.25	167.11	165.42	90.08	305.75	10,681.67	1,267.30	934.83	332.47	3.812	
16,600.00	7,157.28	16,530.06	7,157.78	168.76	167.08	90.07	304.89	10,781.65	1,268.66	932.88	335.79	3.778	
16,700.00	7,157.13	16,630.05	7,157.32	170.41	168.74	90.05	304.02	10,881.64	1,270.02	930.92	339.10	3.745	
16,800.00	7,156.99	16,730.04	7,156.85	172.07	170.41	90.04	303.16	10,981.62	1,271.38	928.96	342.42	3.713	
16,900.00	7,156.84	16,830.03	7,156.39	173.72	172.07	90.02	302.29	11,081.61	1,272.74	927.00	345.74	3.681	
17,000.00	7,156.70	16,930.02	7,155.92	175.37	173.73	90.01	301.43	11,181.59	1,274.10	925.05	349.06	3.650	
17,100.00	7,156.55	17,030.01	7,155.45	177.03	175.39	89.99	300.56	11,281.58	1,275.46	923.09	352.37	3.620	
17,200.00	7,156.40	17,130.00	7,154.99	178.68	177.06	89.98	299.70	11,381.56	1,276.82	921.13	355.69	3.590	
17,300.00	7,156.26	17,229.99	7,154.52	180.34	178.72	89.97	298.83	11,481.55	1,278.18	919.17	359.01	3.560	
17,400.00	7,156.11	17,329.98	7,154.06	181.99	180.38	89.95	297.97	11,581.54	1,279.54	917.21	362.33	3.531	
17,500.00	7,155.97	17,429.97	7,153.59	183.65	182.05	89.94	297.10	11,681.52	1,280.90	915.25	365.65	3.503	
17,600.00	7,155.82	17,529.96	7,153.13	185.30	183.71	89.92	296.24	11,781.51	1,282.26	913.29	368.97	3.475	
17,700.00	7,155.68	17,629.95	7,152.66	186.96	185.38	89.91	295.37	11,881.49	1,283.62	911.33	372.30	3.448	
17,800.00	7,155.53	17,729.94	7,152.19	188.62	187.04	89.89	294.51	11,981.48	1,284.98	909.37	375.62	3.421	
17,900.00	7,155.38	17,829.93	7,151.73	190.27	188.70	89.88	293.64	12,081.46	1,286.35	907.41	378.94	3.395	
18,000.00	7,155.24	17,929.92	7,151.26	191.93	190.37	89.87	292.78	12,181.45	1,287.71	905.44	382.26	3.369	
18,100.00	7,155.09	18,029.91	7,150.80	193.59	192.03	89.85	291.91	12,281.43	1,289.07	903.48	385.58	3.343	
18,200.00	7,154.95	18,087.02	7,150.53	195.24	192.98	89.84	291.42	12,338.53	1,291.14	903.78	387.36	3.333 SF	
18,263.53	7,154.85	18,087.02	7,150.53	196.30	192.98	89.84	291.42	12,338.53	1,295.67	909.22	386.44	3.353	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	90.53	-0.37	39.81	39.81					
100.00	100.00	100.00	100.00	3.28	3.28	90.53	-0.37	39.81	39.81	32.29	7.53	5.288		
200.00	200.00	200.00	200.00	3.31	3.31	90.53	-0.37	39.81	39.81	32.24	7.57	5.257		
300.00	300.00	300.00	300.00	3.35	3.35	45.15	-0.37	39.81	39.66	32.00	7.66	5.176		
400.00	399.95	398.99	398.97	3.42	3.42	46.55	0.76	41.10	38.87	31.08	7.79	4.989		
500.00	499.74	498.03	497.87	3.51	3.50	48.25	4.13	44.97	38.22	30.27	7.96	4.804		
600.00	599.24	597.10	596.57	3.62	3.61	50.23	9.75	51.41	37.73	29.57	8.16	4.624		
700.00	698.33	696.22	694.96	3.76	3.75	52.50	17.62	60.43	37.43	29.02	8.41	4.450		
798.90	795.82	794.30	791.85	3.93	3.90	54.98	27.60	71.87	37.32	28.61	8.71	4.283 CC		
800.00	796.90	795.39	792.92	3.93	3.91	55.01	27.72	72.01	37.32	28.61	8.72	4.281		
900.00	894.81	894.59	890.33	4.14	4.10	57.73	40.05	86.14	37.44	28.35	9.09	4.117		
1,000.00	991.96	993.85	987.08	4.40	4.34	60.62	54.60	102.82	37.79	28.24	9.55	3.956		
1,100.00	1,088.23	1,093.14	1,083.05	4.71	4.63	63.60	71.35	122.02	38.40	28.29	10.11	3.797		
1,200.00	1,183.49	1,192.80	1,178.56	5.07	4.97	67.27	90.05	143.46	39.07	28.27	10.80	3.618		
1,300.00	1,278.18	1,307.27	1,274.22	5.48	5.40	72.80	109.04	165.23	39.46	27.80	11.67	3.382		
1,400.00	1,372.87	1,407.35	1,369.87	5.91	5.80	78.18	128.04	187.01	40.22	27.66	12.55	3.203		
1,500.00	1,467.57	1,507.42	1,465.53	6.37	6.22	83.31	147.04	208.79	41.31	27.83	13.49	3.063		
1,600.00	1,562.26	1,607.49	1,561.19	6.85	6.65	88.14	166.04	230.57	42.72	28.28	14.44	2.958		
1,700.00	1,656.95	1,707.56	1,656.85	7.34	7.10	92.64	185.03	252.34	44.41	29.00	15.40	2.883		
1,800.00	1,751.65	1,807.64	1,752.50	7.85	7.55	96.78	204.03	274.12	46.35	30.00	16.35	2.835		
1,900.00	1,846.34	1,907.71	1,848.16	8.13	7.79	100.57	223.03	295.90	48.52	32.04	16.48	2.944		
2,000.00	1,941.03	2,007.78	1,943.82	8.21	7.87	104.03	242.03	317.67	50.88	34.29	16.59	3.067		
2,100.00	2,035.73	2,107.85	2,039.47	8.32	7.96	107.17	261.02	339.45	53.40	36.68	16.72	3.193		
2,200.00	2,130.42	2,207.93	2,135.13	8.45	8.08	110.01	280.02	361.23	56.08	39.18	16.90	3.319		
2,300.00	2,225.11	2,308.00	2,230.79	8.60	8.22	112.60	299.02	383.01	58.88	41.78	17.10	3.443		
2,400.00	2,319.81	2,408.07	2,326.45	8.78	8.38	114.94	318.02	404.78	61.78	44.44	17.34	3.563		
2,500.00	2,414.50	2,508.15	2,422.10	8.97	8.55	117.07	337.01	426.56	64.79	47.17	17.61	3.678		
2,600.00	2,509.19	2,608.22	2,517.76	9.19	8.75	119.01	356.01	448.34	67.87	49.95	17.92	3.787		
2,700.00	2,603.88	2,708.29	2,613.42	9.42	8.96	120.78	375.01	470.11	71.02	52.77	18.26	3.890		
2,800.00	2,698.58	2,808.36	2,709.08	9.66	9.18	122.40	394.01	491.89	74.24	55.61	18.63	3.986		
2,900.00	2,793.27	2,908.44	2,804.73	9.93	9.42	123.88	413.00	513.67	77.51	58.48	19.02	4.074		
3,000.00	2,887.96	2,991.49	2,900.39	10.20	9.63	125.24	432.00	535.45	80.83	61.42	19.41	4.165		
3,100.00	2,982.66	3,108.58	2,996.05	10.49	9.94	126.49	451.00	557.22	84.19	64.29	19.90	4.231		
3,200.00	3,077.35	3,208.66	3,091.70	10.79	10.22	127.65	470.00	579.00	87.58	67.21	20.37	4.299		
3,300.00	3,172.04	3,308.73	3,187.36	11.10	10.50	128.72	488.99	600.78	91.01	70.14	20.87	4.361		
3,400.00	3,266.74	3,408.80	3,283.02	11.42	10.80	129.71	507.99	622.55	94.47	73.09	21.39	4.417		
3,500.00	3,361.43	3,508.87	3,378.68	11.75	11.11	130.63	526.99	644.33	97.96	76.04	21.92	4.468		
3,600.00	3,456.12	3,591.05	3,474.33	12.09	11.36	131.49	545.99	666.11	101.47	79.05	22.42	4.525		
3,700.00	3,550.81	3,709.02	3,569.99	12.44	11.74	132.29	564.98	687.88	105.00	81.95	23.04	4.556		
3,800.00	3,645.51	3,809.09	3,665.65	12.79	12.06	133.04	583.98	709.66	108.55	84.92	23.63	4.594		
3,900.00	3,740.20	3,890.84	3,761.31	13.15	12.34	133.74	602.98	731.44	112.11	87.95	24.17	4.639		
4,000.00	3,834.89	4,009.24	3,856.96	13.52	12.74	134.40	621.98	753.22	115.70	90.86	24.84	4.658		
4,100.00	3,929.59	4,109.31	3,952.62	13.89	13.08	135.02	640.97	774.99	119.29	93.84	25.46	4.686		
4,200.00	4,024.28	4,190.62	4,048.28	14.26	13.36	135.60	659.97	796.77	122.90	96.88	26.03	4.722		
4,300.00	4,118.97	4,309.46	4,143.93	14.65	13.78	136.15	678.97	818.55	126.53	99.79	26.73	4.733		
4,400.00	4,213.67	4,390.47	4,239.59	15.03	14.07	136.66	697.96	840.32	130.16	102.84	27.32	4.764		
4,500.00	4,308.36	4,509.60	4,335.25	15.42	14.50	137.15	716.96	862.10	133.80	105.76	28.05	4.771		
4,600.00	4,403.05	4,590.33	4,430.91	15.81	14.80	137.62	735.96	883.88	137.45	108.81	28.65	4.798		
4,700.00	4,497.74	4,709.75	4,526.56	16.21	15.24	138.06	754.96	905.66	141.11	111.72	29.39	4.801		
4,800.00	4,592.44	4,809.82	4,622.22	16.61	15.61	138.47	773.95	927.43	144.78	114.71	30.07	4.814		
4,900.00	4,687.13	4,909.89	4,717.88	17.01	15.98	138.87	792.95	949.21	148.46	117.70	30.76	4.826		
5,000.00	4,781.82	5,009.96	4,813.54	17.42	16.36	139.25	811.95	970.99	152.14	120.69	31.46	4.837		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,876.52	5,089.96	4,909.19	17.83	16.66	139.61	830.95	992.76	155.83	123.75	32.08	4.857	
5,200.00	4,971.21	5,189.89	5,004.85	18.24	17.04	139.95	849.94	1,014.54	159.52	126.74	32.79	4.865	
5,300.00	5,065.90	5,289.82	5,100.51	18.65	17.43	140.28	868.94	1,036.32	163.22	129.73	33.50	4.873	
5,400.00	5,160.60	5,389.75	5,196.16	19.07	17.81	140.59	887.94	1,058.10	166.93	132.72	34.21	4.880	
5,500.00	5,255.29	5,489.67	5,291.82	19.48	18.20	140.89	906.94	1,079.87	170.64	135.71	34.93	4.886	
5,600.00	5,349.98	5,589.60	5,387.48	19.90	18.59	141.18	925.93	1,101.65	174.35	138.71	35.65	4.891	
5,700.00	5,444.67	5,689.53	5,483.14	20.32	18.98	141.45	944.93	1,123.43	178.07	141.70	36.37	4.896	
5,800.00	5,539.37	5,789.45	5,578.79	20.74	19.37	141.72	963.93	1,145.20	181.80	144.69	37.10	4.900	
5,900.00	5,634.06	5,889.38	5,674.45	21.17	19.76	141.97	982.93	1,166.98	185.52	147.69	37.83	4.904	
6,000.00	5,728.75	5,989.31	5,770.11	21.59	20.16	142.21	1,001.92	1,188.76	189.25	150.68	38.57	4.907	
6,100.00	5,823.45	6,089.24	5,865.77	22.02	20.56	142.44	1,020.92	1,210.53	192.98	153.68	39.31	4.910	
6,200.00	5,918.14	6,189.16	5,961.42	22.45	20.95	142.67	1,039.92	1,232.31	196.72	156.67	40.05	4.912	
6,300.00	6,012.83	6,289.09	6,057.08	22.88	21.35	142.89	1,058.92	1,254.09	200.46	159.67	40.79	4.914	
6,400.00	6,107.53	6,389.02	6,152.74	23.31	21.75	143.09	1,077.91	1,275.87	204.20	162.67	41.53	4.916	
6,500.00	6,202.22	6,488.95	6,248.39	23.74	22.15	143.30	1,096.91	1,297.64	207.95	165.66	42.28	4.918	
6,600.00	6,296.91	6,588.87	6,344.05	24.17	22.56	143.49	1,115.91	1,319.42	211.69	168.66	43.03	4.919	
6,700.00	6,391.60	6,688.80	6,439.71	24.60	22.96	143.68	1,134.91	1,341.20	215.44	171.66	43.78	4.921	
6,800.00	6,486.30	6,788.73	6,535.37	25.04	23.36	143.86	1,153.90	1,362.97	219.19	174.66	44.54	4.922	
6,900.00	6,580.99	6,888.65	6,631.02	25.47	23.77	144.03	1,172.90	1,384.75	222.95	177.65	45.29	4.922	
7,000.00	6,675.68	6,988.58	6,726.68	25.91	24.18	144.20	1,191.90	1,406.53	226.70	180.65	46.05	4.923	
7,100.00	6,769.01	7,092.19	6,825.08	26.37	24.61	132.78	1,211.45	1,432.18	230.77	183.98	46.79	4.932	
7,200.00	6,857.00	7,198.86	6,921.19	26.93	25.17	124.90	1,230.62	1,473.99	234.71	186.95	47.76	4.914	
7,300.00	6,937.46	7,306.11	7,009.54	27.60	25.86	120.25	1,248.31	1,531.91	238.22	189.18	49.04	4.858	
7,400.00	7,008.38	7,413.72	7,087.36	28.37	26.67	117.18	1,263.98	1,604.39	241.17	190.56	50.62	4.765	
7,500.00	7,068.02	7,521.48	7,152.16	29.23	27.59	114.94	1,277.13	1,689.31	243.50	190.99	52.51	4.637	
7,600.00	7,114.92	7,629.13	7,201.96	30.17	28.61	113.16	1,287.35	1,784.06	245.14	190.44	54.70	4.481	
7,700.00	7,147.92	7,736.45	7,235.32	31.17	29.71	111.66	1,294.34	1,885.69	246.07	188.91	57.16	4.305	
7,800.00	7,166.21	7,843.22	7,251.43	32.22	30.85	110.36	1,297.94	1,991.04	246.31	186.51	59.80	4.119	
7,885.83	7,171.43	7,931.58	7,253.07	33.14	31.82	109.38	1,298.61	2,079.36	246.04	184.05	61.99	3.969	
7,900.00	7,169.96	7,945.80	7,253.10	33.29	31.98	109.73	1,298.67	2,093.59	246.23	183.96	62.27	3.954	
8,000.00	7,169.81	8,045.80	7,253.26	34.40	33.12	109.80	1,299.10	2,193.58	246.40	181.81	64.58	3.815	
8,100.00	7,169.67	8,145.80	7,253.43	35.55	34.30	109.86	1,299.52	2,293.58	246.57	179.59	66.98	3.682	
8,200.00	7,169.52	8,245.80	7,253.59	36.73	35.52	109.92	1,299.95	2,393.58	246.74	177.31	69.43	3.554	
8,300.00	7,169.38	8,345.80	7,253.76	37.96	36.78	109.98	1,300.37	2,493.58	246.91	174.97	71.95	3.432	
8,400.00	7,169.23	8,445.80	7,253.92	39.21	38.07	110.05	1,300.80	2,593.58	247.08	172.57	74.51	3.316	
8,500.00	7,169.08	8,545.80	7,254.09	40.50	39.38	110.11	1,301.23	2,693.58	247.26	170.13	77.13	3.206	
8,600.00	7,168.94	8,645.80	7,254.25	41.81	40.72	110.17	1,301.65	2,793.57	247.43	167.65	79.78	3.101	
8,700.00	7,168.79	8,745.80	7,254.42	43.15	42.09	110.23	1,302.08	2,893.57	247.60	165.13	82.47	3.002	
8,800.00	7,168.65	8,845.80	7,254.58	44.51	43.47	110.29	1,302.50	2,993.57	247.77	162.57	85.20	2.908	
8,900.00	7,168.50	8,945.79	7,254.75	45.89	44.88	110.36	1,302.93	3,093.57	247.95	159.99	87.96	2.819	
9,000.00	7,168.36	9,045.79	7,254.91	47.29	46.30	110.42	1,303.35	3,193.57	248.12	157.38	90.74	2.734	
9,100.00	7,168.21	9,145.79	7,255.08	48.70	47.74	110.48	1,303.78	3,293.57	248.29	154.74	93.55	2.654	
9,200.00	7,168.06	9,245.79	7,255.24	50.13	49.19	110.54	1,304.20	3,393.57	248.47	152.08	96.38	2.578	
9,300.00	7,167.92	9,345.79	7,255.41	51.58	50.66	110.60	1,304.63	3,493.56	248.64	149.41	99.24	2.506	
9,400.00	7,167.77	9,445.79	7,255.57	53.04	52.14	110.66	1,305.05	3,593.56	248.82	146.71	102.11	2.437	
9,500.00	7,167.63	9,545.79	7,255.74	54.51	53.62	110.72	1,305.48	3,693.56	248.99	144.00	104.99	2.371	
9,600.00	7,167.48	9,645.79	7,255.90	55.99	55.12	110.79	1,305.91	3,793.56	249.17	141.27	107.90	2.309	
9,700.00	7,167.34	9,745.79	7,256.07	57.48	56.63	110.85	1,306.33	3,893.56	249.34	138.53	110.81	2.250	
9,800.00	7,167.19	9,845.79	7,256.23	58.98	58.15	110.91	1,306.76	3,993.56	249.52	135.78	113.74	2.194	
9,900.00	7,167.04	9,945.79	7,256.40	60.49	59.68	110.97	1,307.18	4,093.55	249.69	133.01	116.68	2.140	
10,000.00	7,166.90	10,045.79	7,256.56	62.01	61.21	111.03	1,307.61	4,193.55	249.87	130.24	119.63	2.089	
10,100.00	7,166.75	10,145.79	7,256.73	63.54	62.75	111.09	1,308.03	4,293.55	250.05	127.45	122.60	2.040	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,166.61	10,245.79	7,256.89	65.07	64.30	111.15	1,308.46	4,393.55	250.22	124.66	125.57	1.993	
10,300.00	7,166.46	10,345.79	7,257.06	66.61	65.85	111.21	1,308.88	4,493.55	250.40	121.86	128.54	1.948	
10,400.00	7,166.32	10,445.79	7,257.22	68.16	67.41	111.27	1,309.31	4,593.55	250.58	119.05	131.53	1.905	
10,500.00	7,166.17	10,545.79	7,257.39	69.71	68.98	111.33	1,309.74	4,693.55	250.75	116.23	134.52	1.864	
10,600.00	7,166.02	10,645.79	7,257.55	71.26	70.55	111.39	1,310.16	4,793.54	250.93	113.41	137.52	1.825	
10,700.00	7,165.88	10,745.79	7,257.72	72.83	72.12	111.45	1,310.59	4,893.54	251.11	110.59	140.52	1.787	
10,800.00	7,165.73	10,845.79	7,257.88	74.39	73.70	111.51	1,311.01	4,993.54	251.29	107.76	143.53	1.751	
10,900.00	7,165.59	10,945.78	7,258.05	75.97	75.28	111.57	1,311.44	5,093.54	251.47	104.92	146.55	1.716	
11,000.00	7,165.44	11,045.78	7,258.21	77.54	76.87	111.63	1,311.86	5,193.54	251.65	102.08	149.56	1.683	
11,100.00	7,165.29	11,145.78	7,258.38	79.12	78.46	111.69	1,312.29	5,293.54	251.83	99.24	152.59	1.650	
11,200.00	7,165.15	11,245.78	7,258.54	80.70	80.05	111.75	1,312.71	5,393.53	252.01	96.39	155.61	1.619	
11,300.00	7,165.00	11,345.78	7,258.71	82.29	81.65	111.81	1,313.14	5,493.53	252.19	93.54	158.64	1.590	
11,400.00	7,164.86	11,445.78	7,258.87	83.88	83.24	111.87	1,313.57	5,593.53	252.37	90.69	161.67	1.561	
11,500.00	7,164.71	11,545.78	7,259.04	85.47	84.85	111.93	1,313.99	5,693.53	252.55	87.84	164.71	1.533	
11,600.00	7,164.57	11,645.78	7,259.20	87.07	86.45	111.99	1,314.42	5,793.53	252.73	84.98	167.75	1.507	
11,700.00	7,164.42	11,745.78	7,259.37	88.67	88.06	112.05	1,314.84	5,893.53	252.91	82.12	170.79	1.481	Level 3
11,800.00	7,164.27	11,845.78	7,259.53	90.27	89.67	112.11	1,315.27	5,993.52	253.09	79.26	173.83	1.456	Level 3
11,900.00	7,164.13	11,945.78	7,259.70	91.87	91.28	112.17	1,315.69	6,093.52	253.27	76.40	176.87	1.432	Level 3
12,000.00	7,163.98	12,045.78	7,259.86	93.48	92.89	112.23	1,316.12	6,193.52	253.45	73.54	179.92	1.409	Level 3
12,100.00	7,163.84	12,145.78	7,260.03	95.09	94.51	112.29	1,316.54	6,293.52	253.63	70.67	182.96	1.386	Level 3
12,200.00	7,163.69	12,245.78	7,260.19	96.70	96.13	112.35	1,316.97	6,393.52	253.82	67.81	186.01	1.365	Level 3
12,300.00	7,163.55	12,345.78	7,260.36	98.31	97.75	112.41	1,317.39	6,493.52	254.00	64.94	189.06	1.343	Level 3
12,400.00	7,163.40	12,445.78	7,260.52	99.93	99.37	112.46	1,317.82	6,593.52	254.18	62.07	192.11	1.323	Level 3
12,500.00	7,163.25	12,545.78	7,260.69	101.54	100.99	112.52	1,318.25	6,693.51	254.36	59.20	195.16	1.303	Level 3
12,600.00	7,163.11	12,645.78	7,260.85	103.16	102.61	112.58	1,318.67	6,793.51	254.55	56.34	198.21	1.284	Level 3
12,700.00	7,162.96	12,745.78	7,261.02	104.78	104.24	112.64	1,319.10	6,893.51	254.73	53.47	201.26	1.266	Level 3
12,800.00	7,162.82	12,845.78	7,261.18	106.41	105.87	112.70	1,319.52	6,993.51	254.92	50.60	204.32	1.248	Level 2
12,900.00	7,162.67	12,945.77	7,261.35	108.03	107.50	112.76	1,319.95	7,093.51	255.10	47.73	207.37	1.230	Level 2
13,000.00	7,162.53	13,045.77	7,261.51	109.65	109.13	112.82	1,320.37	7,193.51	255.28	44.86	210.42	1.213	Level 2
13,100.00	7,162.38	13,145.77	7,261.68	111.28	110.76	112.87	1,320.80	7,293.50	255.47	41.99	213.48	1.197	Level 2
13,200.00	7,162.23	13,245.77	7,261.84	112.91	112.39	112.93	1,321.22	7,393.50	255.65	39.12	216.53	1.181	Level 2
13,300.00	7,162.09	13,345.77	7,262.01	114.54	114.02	112.99	1,321.65	7,493.50	255.84	36.25	219.58	1.165	Level 2
13,400.00	7,161.94	13,445.77	7,262.17	116.17	115.66	113.05	1,322.08	7,593.50	256.02	33.39	222.64	1.150	Level 2
13,500.00	7,161.80	13,545.77	7,262.34	117.80	117.29	113.11	1,322.50	7,693.50	256.21	30.52	225.69	1.135	Level 2
13,600.00	7,161.65	13,645.77	7,262.50	119.43	118.93	113.16	1,322.93	7,793.50	256.40	27.65	228.74	1.121	Level 2
13,700.00	7,161.51	13,745.77	7,262.67	121.06	120.57	113.22	1,323.35	7,893.50	256.58	24.79	231.80	1.107	Level 2
13,800.00	7,161.36	13,845.77	7,262.83	122.70	122.21	113.28	1,323.78	7,993.49	256.77	21.92	234.85	1.093	Level 2
13,900.00	7,161.21	13,945.77	7,263.00	124.33	123.85	113.34	1,324.20	8,093.49	256.96	19.05	237.90	1.080	Level 2
14,000.00	7,161.07	14,045.77	7,263.16	125.97	125.49	113.39	1,324.63	8,193.49	257.14	16.19	240.95	1.067	Level 2
14,100.00	7,160.92	14,145.77	7,263.33	127.61	127.13	113.45	1,325.05	8,293.49	257.33	13.33	244.00	1.055	Level 2
14,200.00	7,160.78	14,245.77	7,263.50	129.24	128.77	113.51	1,325.48	8,393.49	257.52	10.46	247.05	1.042	Level 2
14,300.00	7,160.63	14,345.77	7,263.66	130.88	130.41	113.57	1,325.91	8,493.49	257.70	7.60	250.10	1.030	Level 2
14,400.00	7,160.49	14,445.77	7,263.83	132.52	132.06	113.62	1,326.33	8,593.48	257.89	4.74	253.15	1.019	Level 2
14,500.00	7,160.34	14,545.77	7,263.99	134.16	133.70	113.68	1,326.76	8,693.48	258.08	1.88	256.20	1.007	Level 2
14,600.00	7,160.19	14,645.77	7,264.16	135.80	135.35	113.74	1,327.18	8,793.48	258.27	-0.98	259.25	0.996	Level 1
14,700.00	7,160.05	14,745.77	7,264.32	137.45	136.99	113.79	1,327.61	8,893.48	258.46	-3.84	262.30	0.985	Level 1
14,800.00	7,159.90	14,845.77	7,264.49	139.09	138.64	113.85	1,328.03	8,993.48	258.65	-6.69	265.34	0.975	Level 1
14,900.00	7,159.76	14,945.76	7,264.65	140.73	140.29	113.91	1,328.46	9,093.48	258.84	-9.55	268.39	0.964	Level 1
15,000.00	7,159.61	15,045.76	7,264.82	142.38	141.93	113.96	1,328.88	9,193.48	259.03	-12.40	271.43	0.954	Level 1
15,100.00	7,159.47	15,145.76	7,264.98	144.02	143.58	114.02	1,329.31	9,293.47	259.22	-15.26	274.47	0.944	Level 1
15,200.00	7,159.32	15,245.76	7,265.15	145.67	145.23	114.08	1,329.73	9,393.47	259.41	-18.11	277.52	0.935	Level 1
15,300.00	7,159.17	15,345.76	7,265.31	147.31	146.88	114.13	1,330.16	9,493.47	259.60	-20.96	280.56	0.925	Level 1

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	7,159.03	15,445.76	7,265.48	148.96	148.53	114.19	1,330.59	9,593.47	259.79	-23.81	283.60	0.916	Level 1
15,500.00	7,158.88	15,545.76	7,265.64	150.61	150.18	114.25	1,331.01	9,693.47	259.98	-26.66	286.64	0.907	Level 1
15,600.00	7,158.74	15,645.76	7,265.81	152.26	151.83	114.30	1,331.44	9,793.47	260.17	-29.50	289.67	0.898	Level 1
15,700.00	7,158.59	15,745.76	7,265.97	153.90	153.48	114.36	1,331.86	9,893.46	260.36	-32.35	292.71	0.889	Level 1
15,800.00	7,158.44	15,845.76	7,266.14	155.55	155.13	114.41	1,332.29	9,993.46	260.55	-35.19	295.75	0.881	Level 1
15,900.00	7,158.30	15,945.76	7,266.30	157.20	156.79	114.47	1,332.71	10,093.46	260.74	-38.04	298.78	0.873	Level 1
16,000.00	7,158.15	16,045.76	7,266.47	158.85	158.44	114.53	1,333.14	10,193.46	260.94	-40.88	301.81	0.865	Level 1
16,100.00	7,158.01	16,145.76	7,266.63	160.50	160.09	114.58	1,333.56	10,293.46	261.13	-43.72	304.85	0.857	Level 1
16,200.00	7,157.86	16,245.76	7,266.80	162.15	161.74	114.64	1,333.99	10,393.46	261.32	-46.56	307.88	0.849	Level 1
16,300.00	7,157.72	16,345.76	7,266.96	163.80	163.40	114.69	1,334.42	10,493.46	261.51	-49.39	310.91	0.841	Level 1
16,400.00	7,157.57	16,445.76	7,267.13	165.46	165.05	114.75	1,334.84	10,593.45	261.71	-52.23	313.93	0.834	Level 1
16,500.00	7,157.42	16,545.76	7,267.29	167.11	166.71	114.80	1,335.27	10,693.45	261.90	-55.06	316.96	0.826	Level 1
16,600.00	7,157.28	16,645.76	7,267.46	168.76	168.36	114.86	1,335.69	10,793.45	262.09	-57.89	319.99	0.819	Level 1
16,700.00	7,157.13	16,745.76	7,267.62	170.41	170.02	114.91	1,336.12	10,893.45	262.29	-60.72	323.01	0.812	Level 1
16,800.00	7,156.99	16,845.76	7,267.79	172.07	171.67	114.97	1,336.54	10,993.45	262.48	-63.55	326.03	0.805	Level 1
16,900.00	7,156.84	16,945.75	7,267.95	173.72	173.33	115.02	1,336.97	11,093.45	262.68	-66.38	329.06	0.798	Level 1
17,000.00	7,156.70	17,045.75	7,268.12	175.37	174.98	115.08	1,337.39	11,193.44	262.87	-69.21	332.08	0.792	Level 1
17,100.00	7,156.55	17,145.75	7,268.28	177.03	176.64	115.13	1,337.82	11,293.44	263.06	-72.03	335.09	0.785	Level 1
17,200.00	7,156.40	17,245.75	7,268.45	178.68	178.30	115.19	1,338.25	11,393.44	263.26	-74.85	338.11	0.779	Level 1
17,300.00	7,156.26	17,345.75	7,268.61	180.34	179.95	115.24	1,338.67	11,493.44	263.45	-77.67	341.13	0.772	Level 1
17,400.00	7,156.11	17,445.75	7,268.78	181.99	181.61	115.30	1,339.10	11,593.44	263.65	-80.49	344.14	0.766	Level 1
17,500.00	7,155.97	17,545.75	7,268.94	183.65	183.27	115.35	1,339.52	11,693.44	263.85	-83.31	347.16	0.760	Level 1
17,600.00	7,155.82	17,645.75	7,269.11	185.30	184.93	115.41	1,339.95	11,793.44	264.04	-86.12	350.17	0.754	Level 1
17,700.00	7,155.68	17,745.75	7,269.27	186.96	186.58	115.46	1,340.37	11,893.43	264.24	-88.94	353.18	0.748	Level 1
17,800.00	7,155.53	17,845.75	7,269.44	188.62	188.24	115.52	1,340.80	11,993.43	264.43	-91.75	356.19	0.742	Level 1
17,900.00	7,155.38	17,945.75	7,269.60	190.27	189.90	115.57	1,341.22	12,093.43	264.63	-94.56	359.19	0.737	Level 1
18,000.00	7,155.24	18,045.75	7,269.77	191.93	191.56	115.62	1,341.65	12,193.43	264.83	-97.37	362.20	0.731	Level 1
18,100.00	7,155.09	18,145.75	7,269.93	193.59	193.22	115.68	1,342.07	12,293.43	265.03	-100.18	365.20	0.726	Level 1
18,200.00	7,154.95	18,245.75	7,270.10	195.24	194.88	115.73	1,342.50	12,393.43	265.22	-102.98	368.20	0.720	Level 1
18,200.01	7,154.95	18,245.76	7,270.10	195.24	194.88	115.73	1,342.50	12,393.44	265.22	-102.98	368.20	0.720	Level 1, ES, SF
18,263.53	7,154.85	18,286.58	7,270.17	196.30	195.56	115.75	1,342.67	12,434.26	266.32	-100.77	367.08	0.725	Level 1

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.01	0.00	20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	90.01	0.00	20.05	20.05	12.52	7.53	2.662	
200.00	200.00	200.00	200.00	3.31	3.31	90.01	0.00	20.05	20.05	12.47	7.57	2.647	CC
300.00	300.00	299.44	299.42	3.35	3.35	41.72	1.14	21.34	21.22	13.56	7.66	2.770	
400.00	399.95	398.81	398.65	3.42	3.42	38.52	4.56	25.21	23.10	15.31	7.78	2.967	
500.00	499.74	498.09	497.55	3.51	3.51	36.18	10.25	31.66	25.12	17.18	7.94	3.163	
600.00	599.24	597.30	596.03	3.62	3.63	34.53	18.20	40.66	27.25	19.11	8.14	3.348	
700.00	698.33	696.43	693.95	3.76	3.78	33.44	28.40	52.20	29.47	21.10	8.38	3.518	
800.00	796.90	795.49	791.21	3.93	3.96	32.80	40.82	66.27	31.77	23.11	8.66	3.668	
900.00	894.81	894.48	887.69	4.14	4.19	32.52	55.45	82.83	34.13	25.13	8.99	3.795	
1,000.00	991.96	993.39	983.28	4.40	4.47	32.53	72.26	101.87	36.54	27.16	9.38	3.896	
1,100.00	1,088.23	1,092.29	1,077.94	4.71	4.81	32.79	91.24	123.36	39.01	29.18	9.83	3.968	
1,200.00	1,183.49	1,207.73	1,173.17	5.07	5.25	34.66	111.39	146.18	39.89	29.43	10.47	3.812	
1,300.00	1,278.18	1,307.75	1,268.39	5.48	5.67	38.05	131.55	169.00	39.36	28.20	11.16	3.527	
1,400.00	1,372.87	1,407.78	1,363.62	5.91	6.11	41.51	151.70	191.82	38.96	27.03	11.93	3.266	
1,500.00	1,467.57	1,507.81	1,458.84	6.37	6.56	45.03	171.85	214.64	38.71	25.94	12.78	3.030	
1,600.00	1,562.26	1,607.84	1,554.06	6.85	7.03	48.58	192.01	237.46	38.61	24.92	13.69	2.820	
1,618.45	1,579.73	1,610.61	1,571.63	6.94	7.05	49.24	195.73	241.67	38.61	24.80	13.81	2.796	
1,700.00	1,656.95	1,692.13	1,649.28	7.34	7.44	52.14	212.16	260.27	38.66	24.05	14.61	2.647	
1,800.00	1,751.65	1,807.90	1,744.51	7.85	7.99	55.68	232.31	283.09	38.85	23.16	15.69	2.476	
1,900.00	1,846.34	1,907.93	1,839.73	8.13	8.25	59.17	252.47	305.91	39.20	23.23	15.97	2.454	
2,000.00	1,941.03	2,007.96	1,934.95	8.21	8.33	62.58	272.62	328.73	39.68	23.40	16.28	2.438	
2,100.00	2,035.73	2,107.98	2,030.17	8.32	8.43	65.91	292.77	351.55	40.30	23.68	16.62	2.424	
2,200.00	2,130.42	2,191.99	2,125.40	8.45	8.53	69.12	312.93	374.37	41.05	24.07	16.99	2.417	
2,300.00	2,225.11	2,308.04	2,220.62	8.60	8.70	72.20	333.08	397.19	41.93	24.51	17.42	2.407	
2,400.00	2,319.81	2,408.07	2,315.84	8.78	8.86	75.15	353.23	420.01	42.93	25.06	17.86	2.403	
2,500.00	2,414.50	2,508.10	2,411.07	8.97	9.05	77.96	373.39	442.83	44.03	25.70	18.33	2.402	
2,600.00	2,509.19	2,608.13	2,506.29	9.19	9.25	80.63	393.54	465.65	45.23	26.41	18.82	2.403	
2,700.00	2,603.88	2,691.84	2,601.51	9.42	9.43	83.15	413.69	488.47	46.53	27.23	19.29	2.411	
2,800.00	2,698.58	2,808.19	2,696.73	9.66	9.70	85.54	433.84	511.28	47.91	28.05	19.86	2.412	
2,900.00	2,793.27	2,908.22	2,791.96	9.93	9.95	87.78	454.00	534.10	49.37	28.96	20.40	2.419	
3,000.00	2,887.96	2,991.76	2,887.18	10.20	10.16	89.90	474.15	556.92	50.90	29.97	20.92	2.433	
3,100.00	2,982.66	3,108.27	2,982.40	10.49	10.48	91.88	494.30	579.74	52.49	30.95	21.54	2.437	
3,200.00	3,077.35	3,191.70	3,077.63	10.79	10.72	93.75	514.46	602.56	54.15	32.06	22.09	2.452	
3,300.00	3,172.04	3,308.33	3,172.85	11.10	11.06	95.51	534.61	625.38	55.86	33.12	22.74	2.456	
3,400.00	3,266.74	3,391.64	3,268.07	11.42	11.31	97.16	554.76	648.20	57.62	34.31	23.30	2.472	
3,500.00	3,361.43	3,508.39	3,363.29	11.75	11.68	98.71	574.92	671.02	59.42	35.44	23.98	2.477	
3,600.00	3,456.12	3,591.58	3,458.52	12.09	11.94	100.17	595.07	693.84	61.26	36.69	24.57	2.494	
3,700.00	3,550.81	3,708.45	3,553.74	12.44	12.33	101.54	615.22	716.66	63.15	37.87	25.27	2.498	
3,800.00	3,645.51	3,808.47	3,648.96	12.79	12.66	102.84	635.38	739.48	65.06	39.13	25.93	2.509	
3,900.00	3,740.20	3,908.50	3,744.18	13.15	13.01	104.05	655.53	762.29	67.01	40.41	26.60	2.519	
4,000.00	3,834.89	4,008.53	3,839.41	13.52	13.35	105.20	675.68	785.11	68.99	41.70	27.28	2.529	
4,100.00	3,929.59	4,108.56	3,934.63	13.89	13.71	106.29	695.84	807.93	70.99	43.02	27.97	2.538	
4,200.00	4,024.28	4,208.59	4,029.85	14.26	14.07	107.31	715.99	830.75	73.01	44.35	28.66	2.547	
4,300.00	4,118.97	4,308.62	4,125.08	14.65	14.43	108.28	736.14	853.57	75.06	45.70	29.37	2.556	
4,400.00	4,213.67	4,408.65	4,220.30	15.03	14.80	109.20	756.30	876.39	77.13	47.06	30.07	2.565	
4,500.00	4,308.36	4,491.32	4,315.52	15.42	15.11	110.07	776.45	899.21	79.22	48.49	30.73	2.578	
4,600.00	4,403.05	4,608.71	4,410.74	15.81	15.55	110.89	796.60	922.03	81.32	49.81	31.51	2.581	
4,700.00	4,497.74	4,708.73	4,505.97	16.21	15.93	111.67	816.76	944.85	83.44	51.20	32.24	2.588	
4,800.00	4,592.44	4,791.24	4,601.19	16.61	16.24	112.42	836.91	967.67	85.58	52.67	32.91	2.601	
4,900.00	4,687.13	4,908.79	4,696.41	17.01	16.69	113.13	857.06	990.49	87.73	54.02	33.71	2.602	
5,000.00	4,781.82	5,008.82	4,791.64	17.42	17.08	113.80	877.21	1,013.30	89.89	55.44	34.45	2.609	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,876.52	5,108.85	4,886.86	17.83	17.47	114.44	897.37	1,036.12	92.06	56.86	35.20	2.615	
5,200.00	4,971.21	5,208.88	4,982.08	18.24	17.87	115.05	917.52	1,058.94	94.25	58.30	35.95	2.621	
5,300.00	5,065.90	5,308.91	5,077.30	18.65	18.26	115.64	937.67	1,081.76	96.44	59.73	36.71	2.627	
5,400.00	5,160.60	5,408.94	5,172.53	19.07	18.66	116.20	957.83	1,104.58	98.65	61.18	37.47	2.633	
5,500.00	5,255.29	5,508.96	5,267.75	19.48	19.06	116.73	977.98	1,127.40	100.86	62.63	38.23	2.638	
5,600.00	5,349.98	5,608.99	5,362.97	19.90	19.46	117.24	998.13	1,150.22	103.08	64.09	39.00	2.643	
5,700.00	5,444.67	5,690.98	5,458.19	20.32	19.79	117.73	1,018.29	1,173.04	105.31	65.62	39.69	2.653	
5,800.00	5,539.37	5,809.05	5,553.42	20.74	20.27	118.20	1,038.44	1,195.86	107.55	67.01	40.54	2.653	
5,900.00	5,634.06	5,909.08	5,648.64	21.17	20.68	118.65	1,058.59	1,218.68	109.79	68.48	41.32	2.657	
6,000.00	5,728.75	5,990.89	5,743.86	21.59	21.01	119.08	1,078.75	1,241.50	112.04	70.02	42.02	2.666	
6,100.00	5,823.45	6,109.14	5,839.09	22.02	21.50	119.50	1,098.90	1,264.31	114.30	71.42	42.88	2.666	
6,200.00	5,918.14	6,209.17	5,934.31	22.45	21.91	119.89	1,119.05	1,287.13	116.56	72.90	43.66	2.670	
6,300.00	6,012.83	6,290.81	6,029.53	22.88	22.25	120.28	1,139.21	1,309.95	118.83	74.46	44.37	2.678	
6,400.00	6,107.53	6,409.22	6,124.75	23.31	22.73	120.65	1,159.36	1,332.77	121.10	75.87	45.23	2.677	
6,500.00	6,202.22	6,509.25	6,219.98	23.74	23.15	121.00	1,179.51	1,355.59	123.38	77.36	46.02	2.681	
6,600.00	6,296.91	6,609.28	6,315.20	24.17	23.57	121.34	1,199.67	1,378.41	125.66	78.85	46.82	2.684	
6,700.00	6,391.60	6,690.69	6,410.42	24.60	23.90	121.67	1,219.82	1,401.23	127.95	80.42	47.53	2.692	
6,800.00	6,486.30	6,789.91	6,504.88	25.04	24.32	121.91	1,239.81	1,424.07	130.29	81.95	48.34	2.695	
6,900.00	6,580.99	6,884.29	6,592.17	25.47	24.77	118.34	1,258.33	1,454.56	135.18	85.62	49.55	2.728	
7,000.00	6,675.68	6,974.09	6,670.25	25.91	25.29	110.40	1,274.97	1,495.51	146.27	95.38	50.89	2.874	
7,100.00	6,769.01	7,058.18	6,737.58	26.37	25.86	88.86	1,289.39	1,543.68	164.83	113.40	51.43	3.205	
7,200.00	6,857.00	7,139.42	6,796.17	26.93	26.47	73.08	1,301.99	1,598.44	185.44	134.27	51.17	3.624	
7,300.00	6,937.46	7,218.42	6,846.15	27.60	27.13	62.75	1,312.82	1,658.59	205.94	155.52	50.42	4.084	
7,400.00	7,008.38	7,295.63	6,887.59	28.37	27.83	55.69	1,321.87	1,723.05	225.01	175.61	49.40	4.555	
7,500.00	7,068.02	7,371.43	6,920.54	29.23	28.57	50.79	1,329.15	1,790.87	241.75	193.52	48.23	5.012	
7,600.00	7,114.92	7,446.14	6,945.08	30.17	29.34	47.39	1,334.67	1,861.18	255.59	208.58	47.00	5.438	
7,700.00	7,147.92	7,520.05	6,961.26	31.17	30.12	45.15	1,338.44	1,933.15	266.11	220.31	45.80	5.810	
7,800.00	7,166.21	7,593.41	6,969.14	32.22	30.92	43.83	1,340.47	2,006.02	273.06	228.36	44.69	6.110	
7,900.00	7,169.96	7,680.53	6,969.87	33.29	31.88	43.42	1,341.07	2,093.12	275.49	230.53	44.96	6.127	
8,000.00	7,169.81	7,780.53	6,969.63	34.40	33.03	43.42	1,341.53	2,193.12	275.59	229.08	46.50	5.926	
8,100.00	7,169.67	7,880.53	6,969.39	35.55	34.21	43.41	1,341.99	2,293.12	275.68	227.54	48.14	5.727	
8,200.00	7,169.52	7,980.53	6,969.14	36.73	35.44	43.40	1,342.45	2,393.12	275.78	225.92	49.86	5.531	
8,300.00	7,169.38	8,080.53	6,968.90	37.96	36.70	43.39	1,342.91	2,493.12	275.87	224.21	51.66	5.341	
8,400.00	7,169.23	8,180.53	6,968.66	39.21	37.99	43.38	1,343.37	2,593.11	275.96	222.44	53.52	5.156	
8,500.00	7,169.08	8,280.53	6,968.42	40.50	39.30	43.37	1,343.83	2,693.11	276.06	220.61	55.45	4.979	
8,600.00	7,168.94	8,380.53	6,968.17	41.81	40.65	43.36	1,344.29	2,793.11	276.15	218.73	57.43	4.809	
8,700.00	7,168.79	8,480.53	6,967.93	43.15	42.01	43.36	1,344.75	2,893.11	276.25	216.79	59.46	4.646	
8,800.00	7,168.65	8,580.53	6,967.69	44.51	43.40	43.35	1,345.21	2,993.11	276.34	214.81	61.53	4.491	
8,900.00	7,168.50	8,680.53	6,967.44	45.89	44.81	43.34	1,345.67	3,093.11	276.44	212.79	63.65	4.343	
9,000.00	7,168.36	8,780.53	6,967.20	47.29	46.23	43.33	1,346.13	3,193.11	276.53	210.73	65.80	4.203	
9,100.00	7,168.21	8,880.53	6,966.96	48.70	47.68	43.32	1,346.59	3,293.10	276.63	208.64	67.99	4.069	
9,200.00	7,168.06	8,980.53	6,966.72	50.13	49.13	43.31	1,347.04	3,393.10	276.72	206.52	70.20	3.942	
9,300.00	7,167.92	9,080.53	6,966.47	51.58	50.60	43.30	1,347.50	3,493.10	276.82	204.38	72.44	3.821	
9,400.00	7,167.77	9,180.53	6,966.23	53.04	52.08	43.30	1,347.96	3,593.10	276.91	202.21	74.70	3.707	
9,500.00	7,167.63	9,280.53	6,965.99	54.51	53.57	43.29	1,348.42	3,693.10	277.01	200.02	76.99	3.598	
9,600.00	7,167.48	9,380.53	6,965.75	55.99	55.07	43.28	1,348.88	3,793.10	277.10	197.81	79.30	3.495	
9,700.00	7,167.34	9,480.53	6,965.50	57.48	56.58	43.27	1,349.34	3,893.10	277.20	195.58	81.62	3.396	
9,800.00	7,167.19	9,580.53	6,965.26	58.98	58.10	43.26	1,349.80	3,993.09	277.29	193.33	83.96	3.303	
9,900.00	7,167.04	9,680.53	6,965.02	60.49	59.63	43.25	1,350.26	4,093.09	277.39	191.07	86.32	3.213	
10,000.00	7,166.90	9,780.53	6,964.77	62.01	61.17	43.25	1,350.72	4,193.09	277.48	188.79	88.69	3.129	
10,100.00	7,166.75	9,880.53	6,964.53	63.54	62.71	43.24	1,351.18	4,293.09	277.58	186.50	91.07	3.048	
10,200.00	7,166.61	9,980.53	6,964.29	65.07	64.26	43.23	1,351.64	4,393.09	277.67	184.20	93.47	2.971	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,166.46	10,080.53	6,964.05	66.61	65.81	43.22	1,352.10	4,493.09	277.77	181.89	95.88	2.897		
10,400.00	7,166.32	10,180.53	6,963.80	68.16	67.38	43.21	1,352.56	4,593.09	277.86	179.57	98.29	2.827		
10,500.00	7,166.17	10,280.53	6,963.56	69.71	68.94	43.20	1,353.02	4,693.08	277.96	177.24	100.72	2.760		
10,600.00	7,166.02	10,380.53	6,963.32	71.26	70.51	43.20	1,353.48	4,793.08	278.05	174.90	103.15	2.695		
10,700.00	7,165.88	10,480.53	6,963.08	72.83	72.09	43.19	1,353.94	4,893.08	278.15	172.55	105.60	2.634		
10,800.00	7,165.73	10,580.53	6,962.83	74.39	73.67	43.18	1,354.40	4,993.08	278.24	170.19	108.05	2.575		
10,900.00	7,165.59	10,680.53	6,962.59	75.97	75.25	43.17	1,354.86	5,093.08	278.34	167.83	110.51	2.519		
11,000.00	7,165.44	10,780.53	6,962.35	77.54	76.84	43.16	1,355.32	5,193.08	278.43	165.46	112.97	2.465		
11,100.00	7,165.29	10,880.53	6,962.10	79.12	78.43	43.15	1,355.78	5,293.08	278.53	163.09	115.44	2.413		
11,200.00	7,165.15	10,980.53	6,961.86	80.70	80.02	43.15	1,356.24	5,393.07	278.62	160.71	117.91	2.363		
11,300.00	7,165.00	11,080.53	6,961.62	82.29	81.62	43.14	1,356.70	5,493.07	278.72	158.32	120.39	2.315		
11,400.00	7,164.86	11,180.53	6,961.38	83.88	83.22	43.13	1,357.15	5,593.07	278.81	155.93	122.88	2.269		
11,500.00	7,164.71	11,280.53	6,961.13	85.47	84.82	43.12	1,357.61	5,693.07	278.91	153.54	125.37	2.225		
11,600.00	7,164.57	11,380.53	6,960.89	87.07	86.43	43.11	1,358.07	5,793.07	279.00	151.14	127.86	2.182		
11,700.00	7,164.42	11,480.53	6,960.65	88.67	88.03	43.10	1,358.53	5,893.07	279.10	148.74	130.36	2.141		
11,800.00	7,164.27	11,580.53	6,960.40	90.27	89.64	43.10	1,358.99	5,993.07	279.19	146.33	132.86	2.101		
11,900.00	7,164.13	11,680.53	6,960.16	91.87	91.26	43.09	1,359.45	6,093.06	279.29	143.92	135.37	2.063		
12,000.00	7,163.98	11,780.53	6,959.92	93.48	92.87	43.08	1,359.91	6,193.06	279.38	141.51	137.88	2.026		
12,100.00	7,163.84	11,880.53	6,959.68	95.09	94.49	43.07	1,360.37	6,293.06	279.48	139.09	140.39	1.991		
12,200.00	7,163.69	11,980.53	6,959.43	96.70	96.11	43.06	1,360.83	6,393.06	279.57	136.67	142.90	1.956		
12,300.00	7,163.55	12,080.53	6,959.19	98.31	97.73	43.05	1,361.29	6,493.06	279.67	134.25	145.42	1.923		
12,400.00	7,163.40	12,180.53	6,958.95	99.93	99.35	43.05	1,361.75	6,593.06	279.76	131.82	147.94	1.891		
12,500.00	7,163.25	12,280.53	6,958.71	101.54	100.97	43.04	1,362.21	6,693.06	279.86	129.40	150.46	1.860		
12,600.00	7,163.11	12,380.53	6,958.46	103.16	102.60	43.03	1,362.67	6,793.05	279.95	126.97	152.99	1.830		
12,700.00	7,162.96	12,480.53	6,958.22	104.78	104.22	43.02	1,363.13	6,893.05	280.05	124.54	155.51	1.801		
12,800.00	7,162.82	12,580.53	6,957.98	106.41	105.85	43.01	1,363.59	6,993.05	280.14	122.10	158.04	1.773		
12,900.00	7,162.67	12,680.53	6,957.73	108.03	107.48	43.00	1,364.05	7,093.05	280.24	119.67	160.57	1.745		
13,000.00	7,162.53	12,780.53	6,957.49	109.65	109.11	43.00	1,364.51	7,193.05	280.33	117.23	163.10	1.719		
13,100.00	7,162.38	12,880.53	6,957.25	111.28	110.74	42.99	1,364.97	7,293.05	280.43	114.79	165.64	1.693		
13,200.00	7,162.23	12,980.53	6,957.01	112.91	112.38	42.98	1,365.43	7,393.05	280.52	112.35	168.17	1.668		
13,300.00	7,162.09	13,080.53	6,956.76	114.54	114.01	42.97	1,365.89	7,493.05	280.62	109.91	170.71	1.644		
13,400.00	7,161.94	13,180.53	6,956.52	116.17	115.65	42.96	1,366.35	7,593.04	280.71	107.47	173.25	1.620		
13,500.00	7,161.80	13,280.53	6,956.28	117.80	117.28	42.96	1,366.80	7,693.04	280.81	105.02	175.79	1.597		
13,600.00	7,161.65	13,380.53	6,956.03	119.43	118.92	42.95	1,367.26	7,793.04	280.90	102.58	178.33	1.575		
13,700.00	7,161.51	13,480.53	6,955.79	121.06	120.56	42.94	1,367.72	7,893.04	281.00	100.13	180.87	1.554		
13,800.00	7,161.36	13,580.53	6,955.55	122.70	122.20	42.93	1,368.18	7,993.04	281.10	97.68	183.41	1.533		
13,900.00	7,161.21	13,680.53	6,955.31	124.33	123.84	42.92	1,368.64	8,093.04	281.19	95.23	185.96	1.512		
14,000.00	7,161.07	13,780.53	6,955.06	125.97	125.48	42.91	1,369.10	8,193.04	281.29	92.78	188.50	1.492 Level 3		
14,100.00	7,160.92	13,880.53	6,954.82	127.61	127.12	42.91	1,369.56	8,293.03	281.38	90.33	191.05	1.473 Level 3		
14,200.00	7,160.78	13,980.53	6,954.58	129.24	128.76	42.90	1,370.02	8,393.03	281.48	87.88	193.60	1.454 Level 3		
14,300.00	7,160.63	14,080.53	6,954.34	130.88	130.41	42.89	1,370.48	8,493.03	281.57	85.43	196.15	1.436 Level 3		
14,400.00	7,160.49	14,180.53	6,954.09	132.52	132.05	42.88	1,370.94	8,593.03	281.67	82.97	198.69	1.418 Level 3		
14,500.00	7,160.34	14,280.53	6,953.85	134.16	133.70	42.87	1,371.40	8,693.03	281.76	80.52	201.24	1.400 Level 3		
14,600.00	7,160.19	14,380.53	6,953.61	135.80	135.34	42.87	1,371.86	8,793.03	281.86	78.06	203.79	1.383 Level 3		
14,700.00	7,160.05	14,480.53	6,953.36	137.45	136.99	42.86	1,372.32	8,893.03	281.95	75.61	206.34	1.366 Level 3		
14,800.00	7,159.90	14,580.53	6,953.12	139.09	138.63	42.85	1,372.78	8,993.02	282.05	73.15	208.90	1.350 Level 3		
14,900.00	7,159.76	14,680.53	6,952.88	140.73	140.28	42.84	1,373.24	9,093.02	282.14	70.69	211.45	1.334 Level 3		
15,000.00	7,159.61	14,780.53	6,952.64	142.38	141.93	42.83	1,373.70	9,193.02	282.24	68.24	214.00	1.319 Level 3		
15,100.00	7,159.47	14,880.53	6,952.39	144.02	143.58	42.82	1,374.16	9,293.02	282.33	65.78	216.55	1.304 Level 3		
15,200.00	7,159.32	14,980.53	6,952.15	145.67	145.23	42.82	1,374.62	9,393.02	282.43	63.32	219.11	1.289 Level 3		
15,300.00	7,159.17	15,080.53	6,951.91	147.31	146.88	42.81	1,375.08	9,493.02	282.52	60.86	221.66	1.275 Level 3		
15,400.00	7,159.03	15,180.53	6,951.67	148.96	148.53	42.80	1,375.54	9,593.02	282.62	58.40	224.22	1.260 Level 3		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,158.88	15,280.53	6,951.42	150.61	150.18	42.79	1,376.00	9,693.01	282.71	55.94	226.77	1.247	Level 2
15,600.00	7,158.74	15,380.53	6,951.18	152.26	151.83	42.78	1,376.46	9,793.01	282.81	53.48	229.33	1.233	Level 2
15,700.00	7,158.59	15,480.53	6,950.94	153.90	153.48	42.78	1,376.91	9,893.01	282.90	51.02	231.88	1.220	Level 2
15,800.00	7,158.44	15,580.53	6,950.69	155.55	155.13	42.77	1,377.37	9,993.01	283.00	48.56	234.44	1.207	Level 2
15,900.00	7,158.30	15,680.53	6,950.45	157.20	156.78	42.76	1,377.83	10,093.01	283.09	46.10	236.99	1.195	Level 2
16,000.00	7,158.15	15,780.53	6,950.21	158.85	158.44	42.75	1,378.29	10,193.01	283.19	43.64	239.55	1.182	Level 2
16,100.00	7,158.01	15,880.53	6,949.97	160.50	160.09	42.74	1,378.75	10,293.01	283.29	41.18	242.11	1.170	Level 2
16,200.00	7,157.86	15,980.53	6,949.72	162.15	161.74	42.74	1,379.21	10,393.00	283.38	38.72	244.66	1.158	Level 2
16,300.00	7,157.72	16,080.53	6,949.48	163.80	163.40	42.73	1,379.67	10,493.00	283.48	36.26	247.22	1.147	Level 2
16,400.00	7,157.57	16,180.53	6,949.24	165.46	165.05	42.72	1,380.13	10,593.00	283.57	33.79	249.78	1.135	Level 2
16,500.00	7,157.42	16,280.53	6,948.99	167.11	166.71	42.71	1,380.59	10,693.00	283.67	31.33	252.34	1.124	Level 2
16,600.00	7,157.28	16,380.53	6,948.75	168.76	168.36	42.70	1,381.05	10,793.00	283.76	28.87	254.89	1.113	Level 2
16,700.00	7,157.13	16,480.53	6,948.51	170.41	170.02	42.70	1,381.51	10,893.00	283.86	26.41	257.45	1.103	Level 2
16,800.00	7,156.99	16,580.53	6,948.27	172.07	171.67	42.69	1,381.97	10,993.00	283.95	23.94	260.01	1.092	Level 2
16,900.00	7,156.84	16,680.53	6,948.02	173.72	173.33	42.68	1,382.43	11,092.99	284.05	21.48	262.57	1.082	Level 2
17,000.00	7,156.70	16,780.53	6,947.78	175.37	174.98	42.67	1,382.89	11,192.99	284.14	19.02	265.12	1.072	Level 2
17,100.00	7,156.55	16,880.53	6,947.54	177.03	176.64	42.66	1,383.35	11,292.99	284.24	16.56	267.68	1.062	Level 2
17,200.00	7,156.40	16,980.53	6,947.30	178.68	178.30	42.66	1,383.81	11,392.99	284.33	14.09	270.24	1.052	Level 2
17,300.00	7,156.26	17,080.53	6,947.05	180.34	179.95	42.65	1,384.27	11,492.99	284.43	11.63	272.80	1.043	Level 2
17,400.00	7,156.11	17,180.53	6,946.81	181.99	181.61	42.64	1,384.73	11,592.99	284.52	9.17	275.36	1.033	Level 2
17,500.00	7,155.97	17,280.53	6,946.57	183.65	183.27	42.63	1,385.19	11,692.99	284.62	6.70	277.92	1.024	Level 2
17,600.00	7,155.82	17,380.53	6,946.32	185.30	184.93	42.62	1,385.65	11,792.98	284.72	4.24	280.47	1.015	Level 2
17,700.00	7,155.68	17,480.53	6,946.08	186.96	186.59	42.62	1,386.11	11,892.98	284.81	1.78	283.03	1.006	Level 2
17,800.00	7,155.53	17,580.53	6,945.84	188.62	188.24	42.61	1,386.57	11,992.98	284.91	-0.68	285.59	0.998	Level 1
17,900.00	7,155.38	17,680.53	6,945.60	190.27	189.90	42.60	1,387.02	12,092.98	285.00	-3.15	288.15	0.989	Level 1
18,000.00	7,155.24	17,780.53	6,945.35	191.93	191.56	42.59	1,387.48	12,192.98	285.10	-5.61	290.71	0.981	Level 1
18,100.00	7,155.09	17,880.53	6,945.11	193.59	193.22	42.58	1,387.94	12,292.98	285.19	-8.07	293.27	0.972	Level 1
18,200.00	7,154.95	17,980.53	6,944.87	195.24	194.88	42.58	1,388.40	12,392.98	285.29	-10.54	295.82	0.964	Level 1
18,200.00	7,154.95	17,980.53	6,944.87	195.24	194.88	42.58	1,388.40	12,392.98	285.29	-10.54	295.82	0.964	Level 1, ES, SF
18,263.53	7,154.85	18,025.96	6,944.76	196.30	195.63	42.57	1,388.61	12,438.41	285.92	-8.84	294.76	0.970	Level 1

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	3.28	3.28	90.24	-5.79	1,399.56	1,399.58					
100.00	100.00	101.00	99.00	3.28	3.28	90.24	-5.79	1,399.56	1,399.58	1,392.05	7.53	185.892		
200.00	200.00	201.00	199.00	3.31	3.31	90.24	-5.79	1,399.56	1,399.58	1,392.00	7.57	184.781		
300.00	300.00	299.00	299.00	3.35	3.35	44.65	-5.79	1,399.56	1,399.42	1,391.76	7.66	182.619		
400.00	399.95	374.83	374.82	3.42	3.40	44.70	-5.06	1,400.21	1,398.17	1,390.39	7.77	179.836		
500.00	499.74	450.44	450.37	3.51	3.46	44.78	-2.84	1,402.19	1,396.18	1,388.26	7.92	176.343		
600.00	599.24	526.10	525.86	3.62	3.53	44.88	0.87	1,405.49	1,393.45	1,385.36	8.09	172.209		
700.00	698.33	600.00	599.45	3.76	3.62	45.00	5.93	1,409.99	1,390.00	1,381.70	8.30	167.526		
800.00	796.90	677.56	676.47	3.93	3.72	45.16	12.77	1,416.07	1,385.82	1,377.27	8.55	162.132		
900.00	894.81	753.40	751.51	4.14	3.84	45.34	20.96	1,423.36	1,380.92	1,372.08	8.84	156.251		
1,000.00	991.96	829.32	826.31	4.40	3.97	45.55	30.64	1,431.97	1,375.31	1,366.13	9.18	149.883		
1,100.00	1,088.23	905.34	900.84	4.71	4.13	45.78	41.82	1,441.91	1,369.00	1,359.43	9.57	143.095		
1,200.00	1,183.49	981.46	975.05	5.07	4.31	46.04	54.49	1,453.17	1,361.99	1,351.97	10.02	135.913		
1,300.00	1,278.18	1,072.51	1,063.36	5.48	4.56	46.23	71.07	1,467.92	1,355.10	1,344.53	10.57	128.163		
1,400.00	1,372.87	1,172.17	1,159.98	5.91	4.86	46.42	89.32	1,484.15	1,348.34	1,337.14	11.20	120.380		
1,500.00	1,467.57	1,271.84	1,256.60	6.37	5.18	46.62	107.58	1,500.39	1,341.60	1,329.73	11.87	113.036		
1,600.00	1,562.26	1,371.50	1,353.23	6.85	5.52	46.82	125.84	1,516.62	1,334.88	1,322.30	12.57	106.185		
1,700.00	1,656.95	1,471.17	1,449.85	7.34	5.88	47.02	144.09	1,532.86	1,328.17	1,314.87	13.30	99.859		
1,800.00	1,751.65	1,570.83	1,546.48	7.85	6.26	47.23	162.35	1,549.09	1,321.47	1,307.42	14.06	94.006		
1,900.00	1,846.34	1,670.50	1,643.10	8.13	6.64	47.43	180.61	1,565.33	1,314.80	1,300.36	14.44	91.081		
2,000.00	1,941.03	1,770.16	1,739.72	8.21	7.03	47.64	198.86	1,581.57	1,308.14	1,293.29	14.85	88.085		
2,100.00	2,035.73	1,869.83	1,836.35	8.32	7.31	47.85	217.12	1,597.80	1,301.50	1,286.49	15.01	86.704		
2,200.00	2,130.42	1,969.49	1,932.97	8.45	7.42	48.06	235.38	1,614.04	1,294.87	1,279.66	15.21	85.107		
2,300.00	2,225.11	2,069.16	2,029.59	8.60	7.49	48.28	253.63	1,630.27	1,288.27	1,272.86	15.41	83.608		
2,400.00	2,319.81	2,168.82	2,126.22	8.78	7.58	48.49	271.89	1,646.51	1,281.68	1,266.04	15.64	81.938		
2,500.00	2,414.50	2,268.49	2,222.84	8.97	7.69	48.71	290.15	1,662.74	1,275.11	1,259.19	15.91	80.126		
2,600.00	2,509.19	2,368.15	2,319.47	9.19	7.81	48.93	308.40	1,678.98	1,268.56	1,252.34	16.22	78.201		
2,700.00	2,603.88	2,467.82	2,416.09	9.42	7.96	49.16	326.66	1,695.22	1,262.03	1,245.46	16.56	76.191		
2,800.00	2,698.58	2,567.48	2,512.71	9.66	8.12	49.38	344.92	1,711.45	1,255.51	1,238.57	16.94	74.121		
2,900.00	2,793.27	2,667.15	2,609.34	9.93	8.29	49.61	363.17	1,727.69	1,249.02	1,231.68	17.34	72.017		
3,000.00	2,887.96	2,766.81	2,705.96	10.20	8.48	49.84	381.43	1,743.92	1,242.55	1,224.77	17.78	69.897		
3,100.00	2,982.66	2,866.47	2,802.58	10.49	8.68	50.07	399.69	1,760.16	1,236.10	1,217.86	18.24	67.782		
3,200.00	3,077.35	2,966.14	2,899.21	10.79	8.89	50.31	417.94	1,776.39	1,229.66	1,210.94	18.72	65.685		
3,300.00	3,172.04	3,065.80	2,995.83	11.10	9.12	50.55	436.20	1,792.63	1,223.25	1,204.03	19.23	63.620		
3,400.00	3,266.74	3,165.47	3,092.46	11.42	9.35	50.79	454.46	1,808.87	1,216.86	1,197.11	19.76	61.596		
3,500.00	3,361.43	3,265.13	3,189.08	11.75	9.60	51.03	472.71	1,825.10	1,210.49	1,190.19	20.30	59.621		
3,600.00	3,456.12	3,364.80	3,285.70	12.09	9.85	51.27	490.97	1,841.34	1,204.15	1,183.28	20.87	57.701		
3,700.00	3,550.81	3,464.46	3,382.33	12.44	10.11	51.52	509.23	1,857.57	1,197.82	1,176.37	21.45	55.839		
3,800.00	3,645.51	3,564.13	3,478.95	12.79	10.38	51.77	527.48	1,873.81	1,191.52	1,169.47	22.05	54.039		
3,900.00	3,740.20	3,663.79	3,575.57	13.15	10.66	52.03	545.74	1,890.04	1,185.24	1,162.58	22.66	52.301		
4,000.00	3,834.89	3,763.46	3,672.20	13.52	10.94	52.28	564.00	1,906.28	1,178.99	1,155.70	23.29	50.627		
4,100.00	3,929.59	3,863.12	3,768.82	13.89	11.23	52.54	582.25	1,922.52	1,172.76	1,148.83	23.93	49.016		
4,200.00	4,024.28	3,962.79	3,865.45	14.26	11.52	52.80	600.51	1,938.75	1,166.55	1,141.97	24.58	47.467		
4,300.00	4,118.97	4,062.45	3,962.07	14.65	11.82	53.07	618.77	1,954.99	1,160.37	1,135.13	25.24	45.980		
4,400.00	4,213.67	4,162.12	4,058.69	15.03	12.13	53.33	637.02	1,971.22	1,154.21	1,128.30	25.91	44.552		
4,500.00	4,308.36	4,261.78	4,155.32	15.42	12.44	53.60	655.28	1,987.46	1,148.08	1,121.49	26.59	43.181		
4,600.00	4,403.05	4,361.45	4,251.94	15.81	12.75	53.87	673.54	2,003.69	1,141.97	1,114.69	27.28	41.867		
4,700.00	4,497.74	4,461.11	4,348.56	16.21	13.07	54.15	691.79	2,019.93	1,135.89	1,107.92	27.97	40.606		
4,800.00	4,592.44	4,560.77	4,445.19	16.61	13.39	54.43	710.05	2,036.17	1,129.84	1,101.16	28.68	39.397		
4,900.00	4,687.13	4,660.44	4,541.81	17.01	13.71	54.71	728.31	2,052.40	1,123.81	1,094.42	29.39	38.238		
5,000.00	4,781.82	4,760.10	4,638.44	17.42	14.04	54.99	746.56	2,068.64	1,117.81	1,087.70	30.11	37.125		
5,100.00	4,876.52	4,859.77	4,735.06	17.83	14.37	55.28	764.82	2,084.87	1,111.84	1,081.00	30.83	36.058		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,971.21	4,959.43	4,831.68	18.24	14.70	55.57	783.08	2,101.11	1,105.89	1,074.33	31.57	35.034		
5,300.00	5,065.90	5,059.10	4,928.31	18.65	15.04	55.87	801.33	2,117.34	1,099.98	1,067.67	32.30	34.051		
5,400.00	5,160.60	5,158.76	5,024.93	19.07	15.38	56.16	819.59	2,133.58	1,094.09	1,061.05	33.05	33.108		
5,500.00	5,255.29	5,258.43	5,121.55	19.48	15.72	56.46	837.85	2,149.82	1,088.24	1,054.44	33.79	32.201		
5,600.00	5,349.98	5,358.09	5,218.18	19.90	16.06	56.77	856.10	2,166.05	1,082.41	1,047.86	34.55	31.331		
5,700.00	5,444.67	5,457.76	5,314.80	20.32	16.40	57.07	874.36	2,182.29	1,076.61	1,041.31	35.31	30.494		
5,800.00	5,539.37	5,557.42	5,411.43	20.74	16.75	57.38	892.62	2,198.52	1,070.85	1,034.78	36.07	29.690		
5,900.00	5,634.06	5,657.09	5,508.05	21.17	17.09	57.70	910.87	2,214.76	1,065.12	1,028.28	36.84	28.916		
6,000.00	5,728.75	5,756.75	5,604.67	21.59	17.44	58.01	929.13	2,230.99	1,059.42	1,021.81	37.61	28.171		
6,100.00	5,823.45	5,856.42	5,701.30	22.02	17.79	58.33	947.39	2,247.23	1,053.75	1,015.37	38.38	27.455		
6,200.00	5,918.14	5,956.08	5,797.92	22.45	18.14	58.66	965.64	2,263.47	1,048.11	1,008.95	39.16	26.765		
6,300.00	6,012.83	6,055.75	5,894.54	22.88	18.50	58.98	983.90	2,279.70	1,042.51	1,002.57	39.94	26.100		
6,400.00	6,107.53	6,155.41	5,991.17	23.31	18.85	59.31	1,002.16	2,295.94	1,036.95	996.22	40.73	25.459		
6,500.00	6,202.22	6,233.60	6,087.03	23.74	19.20	59.64	1,020.41	2,312.17	1,031.39	990.56	41.52	24.790		
6,600.00	6,296.91	6,328.80	6,182.54	24.17	19.55	60.00	1,038.66	2,328.38	1,026.77	984.85	42.31	24.121		
6,700.00	6,391.60	6,423.49	6,278.05	24.60	19.90	60.33	1,056.91	2,344.59	1,022.06	979.14	43.10	23.452		
6,800.00	6,486.30	6,518.19	6,373.56	25.04	20.25	60.66	1,075.16	2,360.80	1,017.35	973.43	43.89	22.783		
6,900.00	6,580.99	6,612.88	6,469.07	25.47	20.60	61.00	1,093.41	2,377.01	1,012.64	967.72	44.68	22.114		
7,000.00	6,675.68	6,709.37	6,564.58	25.91	20.95	61.33	1,111.66	2,393.22	1,007.93	962.01	45.47	21.445		
7,100.00	6,769.01	6,802.86	6,659.09	26.37	21.30	61.66	1,129.91	2,409.43	1,003.22	956.30	46.26	20.776		
7,200.00	6,857.00	6,890.80	6,754.59	26.93	21.65	62.00	1,148.16	2,425.64	998.51	950.59	47.05	20.107		
7,300.00	6,937.46	6,970.27	6,850.09	27.60	22.00	62.33	1,166.41	2,441.85	993.80	944.88	47.84	19.438		
7,400.00	7,008.38	7,040.67	6,945.59	28.37	21.58	62.66	1,184.66	2,458.06	989.09	939.17	48.63	18.769		
7,500.00	7,068.02	7,100.31	7,041.09	29.23	21.22	63.00	1,202.91	2,474.27	984.38	933.46	49.42	18.100		
7,600.00	7,114.92	7,154.73	7,136.59	30.17	21.10	63.33	1,221.16	2,490.48	979.67	927.75	50.21	17.431		
7,686.50	7,144.31	7,184.19	7,213.33	31.03	21.13	63.66	1,239.41	2,506.69	974.96	922.04	51.00	16.762		
7,700.00	7,147.92	7,187.06	7,210.82	31.17	21.14	63.66	1,239.41	2,506.69	974.96	922.04	51.00	16.762		
7,800.00	7,166.21	7,205.35	7,186.49	32.22	21.23	64.00	1,257.66	2,522.90	970.25	916.33	51.79	16.093		
7,900.00	7,169.96	7,209.10	7,183.24	33.29	21.31	64.33	1,275.91	2,539.11	965.54	910.62	52.58	15.424		
8,000.00	7,169.81	7,209.00	7,183.14	34.40	21.38	64.66	1,294.16	2,555.32	960.83	904.91	53.37	14.755		
8,100.00	7,169.67	7,208.86	7,183.00	35.55	21.42	65.00	1,312.41	2,571.53	956.12	899.20	54.16	14.086		
8,200.00	7,169.52	7,208.72	7,182.86	36.73	21.45	65.33	1,330.66	2,587.74	951.41	893.49	54.95	13.417		
8,300.00	7,169.38	7,208.58	7,182.72	37.96	21.47	65.66	1,348.91	2,603.95	946.70	887.78	55.74	12.748		
8,400.00	7,169.23	7,208.44	7,182.58	39.21	21.48	66.00	1,367.16	2,620.16	941.99	882.07	56.53	12.079		
8,500.00	7,169.08	7,208.30	7,182.44	40.50	21.47	66.33	1,385.41	2,636.37	937.28	876.36	57.32	11.410		
8,600.00	7,168.94	7,208.16	7,182.30	41.81	21.47	66.66	1,403.66	2,652.58	932.57	870.65	58.11	10.741		
8,700.00	7,168.79	7,208.02	7,182.16	43.15	21.46	67.00	1,421.91	2,668.79	927.86	864.94	58.90	10.072		
8,800.00	7,168.65	7,207.88	7,182.02	44.51	21.45	67.33	1,440.16	2,685.00	923.15	859.23	59.69	9.403		
8,900.00	7,168.50	7,207.74	7,181.88	45.89	21.44	67.66	1,458.41	2,701.21	918.44	853.52	60.48	8.734		
9,000.00	7,168.36	7,207.60	7,181.74	47.29	21.43	68.00	1,476.66	2,717.42	913.73	847.81	61.27	8.065		
9,100.00	7,168.21	7,207.46	7,181.60	48.70	21.42	68.33	1,494.91	2,733.63	909.02	842.10	62.06	7.396		
9,200.00	7,168.06	7,207.32	7,181.46	50.13	21.41	68.66	1,513.16	2,749.84	904.31	836.39	62.85	6.727		
9,300.00	7,167.92	7,207.18	7,181.32	51.58	21.39	69.00	1,531.41	2,766.05	899.60	830.68	63.64	6.058		
9,400.00	7,167.77	7,207.04	7,181.18	53.04	21.39	69.33	1,549.66	2,782.26	894.89	824.97	64.43	5.389		
9,500.00	7,167.63	7,206.90	7,181.04	54.51	21.39	69.66	1,567.91	2,798.47	890.18	819.26	65.22	4.720		
9,600.00	7,167.48	7,206.76	7,180.90	55.99	21.36	70.00	1,586.16	2,814.68	885.47	813.55	66.01	4.051		
9,700.00	7,167.34	7,206.62	7,180.76	57.48	21.35	70.33	1,604.41	2,830.89	880.76	807.84	66.80	3.382		
9,800.00	7,167.19	7,206.48	7,180.62	58.98	21.33	70.66	1,622.66	2,847.10	876.05	802.13	67.59	2.713		
9,900.00	7,167.04	7,206.34	7,180.48	60.49	21.33	71.00	1,640.91	2,863.31	871.34	796.42	68.38	2.044		
10,000.00	7,166.90	7,206.20	7,180.34	62.01	21.33	71.33	1,659.16	2,879.52	866.63	790.71	69.17	1.375		
10,100.00	7,166.75	7,206.06	7,180.20	63.54	21.33	71.66	1,677.41	2,895.73	861.92	785.00	69.96	0.706		
10,200.00	7,166.61	7,205.92	7,180.06	65.07	21.33	72.00	1,695.66	2,911.94	857.21	779.29	70.75	0.037		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,166.46	6,929.05	6,742.72	66.61	21.30	42.28	1,144.58	2,373.54	2,197.22	2,156.04	41.18	53.354	
10,400.00	7,166.32	6,924.11	6,737.98	68.16	21.29	42.03	1,143.67	2,374.63	2,293.85	2,252.51	41.34	55.482	
10,500.00	7,166.17	6,919.48	6,733.54	69.71	21.29	41.81	1,142.82	2,375.62	2,390.72	2,349.22	41.50	57.604	
10,600.00	7,166.02	6,900.00	6,714.78	71.26	21.26	40.87	1,139.21	2,379.44	2,488.02	2,446.49	41.53	59.909	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	-2.00	3.28	3.28	90.23	-5.43	1,379.52	1,379.53				
100.00	100.00	102.00	98.00	3.28	3.28	90.23	-5.43	1,379.52	1,379.53	1,372.00	7.53	183.227	
200.00	200.00	202.00	198.00	3.31	3.31	90.23	-5.43	1,379.52	1,379.53	1,371.96	7.57	182.126	
300.00	300.00	280.50	280.50	3.35	3.34	44.61	-5.03	1,379.87	1,379.84	1,372.19	7.65	180.316	
400.00	399.95	356.52	356.47	3.42	3.39	44.60	-3.16	1,381.50	1,379.87	1,372.11	7.76	177.825	
500.00	499.74	432.53	432.35	3.51	3.45	44.61	0.23	1,384.46	1,379.14	1,371.24	7.90	174.601	
600.00	599.24	508.56	508.10	3.62	3.52	44.65	5.13	1,388.74	1,377.67	1,369.60	8.07	170.696	
700.00	698.33	584.61	583.67	3.76	3.61	44.71	11.55	1,394.34	1,375.46	1,367.18	8.28	166.131	
800.00	796.90	660.70	659.02	3.93	3.71	44.79	19.48	1,401.26	1,372.50	1,363.98	8.53	160.934	
900.00	894.81	736.83	734.11	4.14	3.83	44.91	28.92	1,409.51	1,368.81	1,359.99	8.82	155.162	
1,000.00	991.96	813.02	808.90	4.40	3.98	45.04	39.87	1,419.06	1,364.38	1,355.22	9.16	148.871	
1,100.00	1,088.23	889.27	883.33	4.71	4.15	45.21	52.33	1,429.94	1,359.22	1,349.66	9.56	142.112	
1,200.00	1,183.49	965.60	957.38	5.07	4.35	45.39	66.29	1,442.12	1,353.34	1,343.31	10.03	134.981	
1,300.00	1,278.18	1,061.12	1,049.61	5.48	4.63	45.53	85.00	1,458.45	1,347.33	1,336.72	10.61	127.010	
1,400.00	1,372.87	1,160.89	1,145.94	5.91	4.96	45.66	104.57	1,475.53	1,341.35	1,330.10	11.25	119.216	
1,500.00	1,467.57	1,260.66	1,242.27	6.37	5.31	45.80	124.13	1,492.61	1,335.38	1,323.45	11.94	111.883	
1,600.00	1,562.26	1,360.43	1,338.60	6.85	5.67	45.94	143.70	1,509.69	1,329.42	1,316.77	12.65	105.060	
1,700.00	1,656.95	1,460.20	1,434.93	7.34	6.06	46.08	163.27	1,526.77	1,323.47	1,310.07	13.40	98.783	
1,800.00	1,751.65	1,559.97	1,531.26	7.85	6.46	46.22	182.84	1,543.85	1,317.52	1,303.36	14.17	92.993	
1,900.00	1,846.34	1,659.74	1,627.59	8.13	6.86	46.36	202.41	1,560.93	1,311.59	1,297.03	14.56	90.083	
2,000.00	1,941.03	1,759.51	1,723.92	8.21	7.28	46.50	221.97	1,578.01	1,305.66	1,290.67	14.99	87.104	
2,100.00	2,035.73	1,859.28	1,820.25	8.32	7.59	46.65	241.54	1,595.09	1,299.74	1,284.56	15.18	85.639	
2,200.00	2,130.42	1,959.05	1,916.58	8.45	7.73	46.79	261.11	1,612.17	1,293.82	1,278.42	15.40	84.020	
2,300.00	2,225.11	2,058.82	2,012.91	8.60	7.80	46.94	280.68	1,629.25	1,287.92	1,272.33	15.59	82.609	
2,400.00	2,319.81	2,158.59	2,109.24	8.78	7.90	47.09	300.25	1,646.33	1,282.02	1,266.20	15.82	81.027	
2,500.00	2,414.50	2,258.36	2,205.57	8.97	8.01	47.24	319.81	1,663.41	1,276.14	1,260.04	16.09	79.302	
2,600.00	2,509.19	2,358.13	2,301.90	9.19	8.14	47.39	339.38	1,680.50	1,270.26	1,253.86	16.40	77.461	
2,700.00	2,603.88	2,457.90	2,398.23	9.42	8.29	47.55	358.95	1,697.58	1,264.39	1,247.65	16.74	75.533	
2,800.00	2,698.58	2,557.67	2,494.56	9.66	8.46	47.70	378.52	1,714.66	1,258.53	1,241.42	17.11	73.542	
2,900.00	2,793.27	2,657.44	2,590.89	9.93	8.64	47.86	398.08	1,731.74	1,252.68	1,235.16	17.52	71.512	
3,000.00	2,887.96	2,757.21	2,687.22	10.20	8.83	48.01	417.65	1,748.82	1,246.84	1,228.89	17.95	69.464	
3,100.00	2,982.66	2,856.99	2,783.55	10.49	9.04	48.17	437.22	1,765.90	1,241.00	1,222.60	18.41	67.415	
3,200.00	3,077.35	2,956.76	2,879.88	10.79	9.26	48.33	456.79	1,782.98	1,235.18	1,216.29	18.89	65.382	
3,300.00	3,172.04	3,056.53	2,976.21	11.10	9.49	48.49	476.36	1,800.06	1,229.37	1,209.97	19.40	63.375	
3,400.00	3,266.74	3,156.30	3,072.54	11.42	9.73	48.66	495.92	1,817.14	1,223.57	1,203.64	19.93	61.406	
3,500.00	3,361.43	3,256.07	3,168.87	11.75	9.99	48.82	515.49	1,834.22	1,217.77	1,197.30	20.47	59.482	
3,600.00	3,456.12	3,355.84	3,265.20	12.09	10.25	48.99	535.06	1,851.30	1,211.99	1,190.95	21.04	57.610	
3,700.00	3,550.81	3,455.61	3,361.53	12.44	10.52	49.16	554.63	1,868.38	1,206.22	1,184.60	21.62	55.792	
3,800.00	3,645.51	3,555.38	3,457.86	12.79	10.80	49.33	574.20	1,885.46	1,200.46	1,178.24	22.22	54.032	
3,900.00	3,740.20	3,655.15	3,554.19	13.15	11.08	49.50	593.76	1,902.54	1,194.70	1,171.87	22.83	52.332	
4,000.00	3,834.89	3,754.92	3,650.53	13.52	11.38	49.67	613.33	1,919.62	1,188.96	1,165.51	23.45	50.693	
4,100.00	3,929.59	3,854.69	3,746.86	13.89	11.67	49.84	632.90	1,936.70	1,183.23	1,159.14	24.09	49.114	
4,200.00	4,024.28	3,954.46	3,843.19	14.26	11.98	50.02	652.47	1,953.78	1,177.51	1,152.77	24.74	47.595	
4,300.00	4,118.97	4,054.23	3,939.52	14.65	12.29	50.20	672.04	1,970.86	1,171.81	1,146.41	25.40	46.135	
4,400.00	4,213.67	4,154.00	4,035.85	15.03	12.60	50.38	691.60	1,987.94	1,166.11	1,140.04	26.07	44.732	
4,500.00	4,308.36	4,253.77	4,132.18	15.42	12.92	50.56	711.17	2,005.02	1,160.43	1,133.68	26.75	43.385	
4,600.00	4,403.05	4,353.54	4,228.51	15.81	13.25	50.74	730.74	2,022.10	1,154.75	1,127.32	27.43	42.091	
4,700.00	4,497.74	4,453.31	4,324.84	16.21	13.58	50.93	750.31	2,039.18	1,149.09	1,120.96	28.13	40.850	
4,800.00	4,592.44	4,553.08	4,421.17	16.61	13.91	51.11	769.88	2,056.26	1,143.44	1,114.61	28.83	39.658	
4,900.00	4,687.13	4,652.85	4,517.50	17.01	14.24	51.30	789.44	2,073.34	1,137.81	1,108.27	29.54	38.515	
5,000.00	4,781.82	4,752.62	4,613.83	17.42	14.58	51.49	809.01	2,090.42	1,132.18	1,101.92	30.26	37.417	
5,100.00	4,876.52	4,852.39	4,710.16	17.83	14.92	51.69	828.58	2,107.50	1,126.57	1,095.59	30.98	36.363	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,971.21	4,952.16	4,806.49	18.24	15.26	51.88	848.15	2,124.58	1,120.97	1,089.26	31.71	35.351		
5,300.00	5,065.90	5,051.93	4,902.82	18.65	15.61	52.08	867.72	2,141.66	1,115.39	1,082.94	32.44	34.379		
5,400.00	5,160.60	5,151.71	4,999.15	19.07	15.96	52.27	887.28	2,158.74	1,109.81	1,076.63	33.18	33.446		
5,500.00	5,255.29	5,251.48	5,095.48	19.48	16.31	52.48	906.85	2,175.82	1,104.26	1,070.33	33.93	32.548		
5,600.00	5,349.98	5,351.25	5,191.81	19.90	16.66	52.68	926.42	2,192.90	1,098.71	1,064.03	34.68	31.685		
5,700.00	5,444.67	5,451.02	5,288.14	20.32	17.02	52.88	945.99	2,209.98	1,093.18	1,057.75	35.43	30.855		
5,800.00	5,539.37	5,550.79	5,384.47	20.74	17.38	53.09	965.55	2,227.06	1,087.66	1,051.47	36.19	30.056		
5,900.00	5,634.06	5,650.56	5,480.80	21.17	17.74	53.30	985.12	2,244.14	1,082.16	1,045.21	36.95	29.287		
6,000.00	5,728.75	5,750.33	5,577.13	21.59	18.10	53.51	1,004.69	2,261.23	1,076.67	1,038.95	37.72	28.547		
6,100.00	5,823.45	5,850.10	5,673.46	22.02	18.46	53.72	1,024.26	2,278.31	1,071.19	1,032.71	38.49	27.834		
6,200.00	5,918.14	8,054.60	6,944.58	22.45	24.41	-169.47	1,284.74	1,228.74	1,030.25	999.75	30.50	33.782		
6,300.00	6,012.83	8,029.04	6,945.26	22.88	24.16	-172.23	1,284.84	1,254.29	935.31	904.55	30.76	30.404		
6,400.00	6,107.53	8,003.48	6,945.94	23.31	23.91	-175.37	1,284.93	1,279.84	840.77	809.69	31.08	27.049		
6,500.00	6,202.22	7,977.91	6,946.62	23.74	23.68	-178.96	1,285.02	1,305.40	746.78	715.28	31.49	23.713		
6,600.00	6,296.91	7,952.35	6,947.30	24.17	23.45	176.95	1,285.12	1,330.95	653.57	621.54	32.03	20.407		
6,700.00	6,391.60	7,926.79	6,947.98	24.60	23.22	172.28	1,285.21	1,356.50	561.53	528.77	32.76	17.140		
6,800.00	6,486.30	7,901.23	6,948.67	25.04	22.99	166.98	1,285.30	1,382.06	471.35	437.52	33.84	13.929		
6,900.00	6,580.99	7,875.66	6,949.35	25.47	22.78	161.02	1,285.39	1,407.61	384.35	348.83	35.53	10.819		
7,000.00	6,675.68	7,850.10	6,950.03	25.91	22.57	154.43	1,285.49	1,433.16	303.27	264.98	38.30	7.919		
7,100.00	6,769.01	7,819.59	6,950.84	26.37	22.32	140.64	1,285.60	1,463.66	235.31	192.72	42.59	5.525		
7,200.00	6,857.00	7,774.83	6,952.03	26.93	21.98	124.75	1,285.76	1,508.41	193.73	146.56	47.17	4.107		
7,266.28	6,911.30	7,737.68	6,953.02	27.38	21.73	112.63	1,285.90	1,545.54	185.77	137.36	48.41	3.838 CC, ES, SF		
7,300.00	6,937.46	7,716.65	6,953.58	27.60	21.59	106.05	1,285.97	1,566.57	187.64	139.47	48.16	3.896		
7,400.00	7,008.38	7,646.48	6,955.45	28.37	21.19	86.63	1,286.23	1,636.71	209.90	164.37	45.53	4.610		
7,500.00	7,068.02	7,566.05	6,957.60	29.23	20.93	70.71	1,286.52	1,717.11	243.35	200.61	42.74	5.694		
7,600.00	7,114.92	7,494.77	6,957.08	30.17	20.89	60.62	1,286.29	1,788.36	277.78	237.52	40.27	6.899		
7,700.00	7,147.92	7,428.34	6,949.73	31.17	20.93	53.47	1,284.67	1,854.34	312.24	274.07	38.16	8.182		
7,800.00	7,166.21	7,363.40	6,936.08	32.22	21.00	48.33	1,281.78	1,917.73	344.70	308.13	36.57	9.426		
7,900.00	7,169.96	7,300.00	6,916.72	33.29	21.07	45.08	1,277.74	1,977.93	374.38	338.93	35.45	10.561		
8,000.00	7,169.81	7,239.95	6,893.06	34.40	21.14	43.10	1,272.83	2,032.88	409.47	374.89	34.57	11.843		
8,100.00	7,169.67	7,185.23	6,867.16	35.55	21.19	41.15	1,267.47	2,080.77	452.67	418.73	33.93	13.341		
8,200.00	7,169.52	7,135.68	6,840.32	36.73	21.24	39.35	1,261.94	2,122.03	503.23	469.65	33.57	14.988		
8,300.00	7,169.38	7,091.13	6,813.55	37.96	21.27	37.75	1,256.43	2,157.21	560.30	526.81	33.49	16.733		
8,400.00	7,169.23	7,050.00	6,786.76	39.21	21.30	36.31	1,250.92	2,187.92	623.01	589.42	33.59	18.546		
8,500.00	7,169.08	7,015.55	6,762.87	40.50	21.32	35.14	1,246.02	2,212.24	690.55	656.66	33.89	20.377		
8,600.00	7,168.94	6,983.65	6,739.62	41.81	21.33	34.10	1,241.25	2,233.55	762.19	727.93	34.26	22.247		
8,700.00	7,168.79	6,950.00	6,713.99	43.15	21.33	33.05	1,236.00	2,254.71	837.34	802.73	34.61	24.197		
8,800.00	7,168.65	6,929.49	6,697.85	44.51	21.33	32.44	1,232.69	2,266.92	915.36	880.23	35.13	26.056		
8,900.00	7,168.50	6,900.00	6,673.98	45.89	21.33	31.59	1,227.81	2,283.53	995.98	960.49	35.48	28.068		
9,000.00	7,168.36	6,885.70	6,662.14	47.29	21.33	31.19	1,225.38	2,291.18	1,078.62	1,042.61	36.01	29.950		
9,100.00	7,168.21	6,866.92	6,646.34	48.70	21.32	30.68	1,222.15	2,300.80	1,163.14	1,126.71	36.43	31.926		
9,200.00	7,168.06	6,850.00	6,631.88	50.13	21.32	30.24	1,219.19	2,309.06	1,249.24	1,212.40	36.83	33.917		
9,300.00	7,167.92	6,834.37	6,618.32	51.58	21.31	29.84	1,216.42	2,316.34	1,336.69	1,299.48	37.21	35.927		
9,400.00	7,167.77	6,820.21	6,605.90	53.04	21.30	29.49	1,213.89	2,322.64	1,425.31	1,387.75	37.56	37.949		
9,500.00	7,167.63	6,800.00	6,587.94	54.51	21.29	29.01	1,210.22	2,331.14	1,515.02	1,477.21	37.81	40.067		
9,600.00	7,167.48	6,800.00	6,587.94	55.99	21.29	29.01	1,210.22	2,331.14	1,605.54	1,567.29	38.25	41.970		
9,700.00	7,167.34	6,800.00	6,587.94	57.48	21.29	29.01	1,210.22	2,331.14	1,697.12	1,658.47	38.66	43.899		
9,800.00	7,167.19	6,774.23	6,564.67	58.98	21.27	28.41	1,205.46	2,341.12	1,788.91	1,750.13	38.78	46.133		
9,900.00	7,167.04	6,750.00	6,542.43	60.49	21.25	27.88	1,200.92	2,349.63	1,881.80	1,842.90	38.90	48.373		
10,000.00	7,166.90	6,750.00	6,542.43	62.01	21.25	27.88	1,200.92	2,349.63	1,974.83	1,935.59	39.23	50.333		
10,100.00	7,166.75	6,750.00	6,542.43	63.54	21.25	27.88	1,200.92	2,349.63	2,068.50	2,028.96	39.55	52.307		
10,200.00	7,166.61	6,750.00	6,542.43	65.07	21.25	27.88	1,200.92	2,349.63	2,162.75	2,122.91	39.84	54.292		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,166.46	6,750.00	6,542.43	66.61	21.25	27.88	1,200.92	2,349.63	2,257.49	2,217.38	40.11	56.285	
10,400.00	7,166.32	6,726.85	6,520.91	68.16	21.22	27.40	1,196.53	2,356.94	2,352.13	2,311.95	40.18	58.543	
10,500.00	7,166.17	6,720.66	6,515.11	69.71	21.21	27.28	1,195.35	2,358.76	2,447.37	2,406.99	40.38	60.612	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1		Offset Site Error:		0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA		Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
0.00	0.00	1.00	-1.00	3.28	3.28	90.23	-5.79	1,419.61	1,419.62							
100.00	100.00	101.00	99.00	3.28	3.28	90.23	-5.79	1,419.61	1,419.62	1,412.09	7.53	188.555				
200.00	200.00	199.00	199.00	3.31	3.30	90.23	-5.79	1,419.61	1,419.62	1,412.05	7.57	187.445				
300.00	300.00	276.26	276.25	3.35	3.34	44.60	-4.98	1,420.22	1,420.26	1,412.61	7.65	185.656				
400.00	399.95	353.26	353.19	3.42	3.38	44.56	-2.53	1,422.09	1,420.56	1,412.80	7.76	183.123				
500.00	499.74	430.25	430.00	3.51	3.45	44.55	1.57	1,425.20	1,419.99	1,412.09	7.90	179.802				
600.00	599.24	507.24	506.65	3.62	3.52	44.55	7.32	1,429.56	1,418.56	1,410.48	8.07	175.743				
700.00	698.33	584.23	583.08	3.76	3.61	44.58	14.70	1,435.16	1,416.25	1,407.97	8.28	170.965				
800.00	796.90	661.24	659.25	3.93	3.72	44.62	23.72	1,442.01	1,413.09	1,404.55	8.54	165.505				
900.00	894.81	738.27	735.11	4.14	3.85	44.69	34.37	1,450.09	1,409.06	1,400.22	8.84	159.423				
1,000.00	991.96	815.34	810.62	4.40	4.00	44.78	46.65	1,459.41	1,404.17	1,394.98	9.19	152.789				
1,100.00	1,088.23	892.45	885.72	4.71	4.18	44.90	60.54	1,469.96	1,398.43	1,388.83	9.60	145.669				
1,200.00	1,183.49	969.61	960.39	5.07	4.39	45.04	76.06	1,481.73	1,391.84	1,381.76	10.07	138.162				
1,300.00	1,278.18	1,066.33	1,053.55	5.48	4.69	45.09	96.76	1,497.44	1,384.97	1,374.30	10.67	129.777				
1,400.00	1,372.87	1,166.09	1,149.63	5.91	5.02	45.15	118.13	1,513.66	1,378.11	1,366.78	11.33	121.663				
1,500.00	1,467.57	1,265.84	1,245.71	6.37	5.38	45.20	139.50	1,529.88	1,371.26	1,359.23	12.02	114.054				
1,600.00	1,562.26	1,365.60	1,341.79	6.85	5.76	45.26	160.87	1,546.10	1,364.40	1,351.65	12.75	107.008				
1,700.00	1,656.95	1,465.36	1,437.88	7.34	6.16	45.31	182.24	1,562.32	1,357.55	1,344.05	13.51	100.511				
1,800.00	1,751.65	1,565.11	1,533.96	7.85	6.57	45.37	203.61	1,578.53	1,350.70	1,336.42	14.29	94.549				
1,900.00	1,846.34	1,664.87	1,630.04	8.13	6.98	45.43	224.98	1,594.75	1,343.85	1,329.16	14.69	91.495				
2,000.00	1,941.03	1,764.62	1,726.12	8.21	7.41	45.48	246.35	1,610.97	1,337.00	1,321.88	15.13	88.381				
2,100.00	2,035.73	1,864.38	1,822.20	8.32	7.72	45.54	267.72	1,627.19	1,330.16	1,314.85	15.31	86.870				
2,200.00	2,130.42	1,964.14	1,918.28	8.45	7.85	45.60	289.08	1,643.41	1,323.31	1,307.79	15.53	85.230				
2,300.00	2,225.11	2,063.89	2,014.36	8.60	7.93	45.66	310.45	1,659.62	1,316.47	1,300.75	15.72	83.759				
2,400.00	2,319.81	2,163.65	2,110.45	8.78	8.03	45.72	331.82	1,675.84	1,309.63	1,293.68	15.95	82.118				
2,500.00	2,414.50	2,263.41	2,206.53	8.97	8.15	45.78	353.19	1,692.06	1,302.79	1,286.57	16.22	80.334				
2,600.00	2,509.19	2,363.16	2,302.61	9.19	8.28	45.84	374.56	1,708.28	1,295.95	1,279.42	16.52	78.435				
2,700.00	2,603.88	2,462.92	2,398.69	9.42	8.44	45.91	395.93	1,724.50	1,289.11	1,272.25	16.86	76.449				
2,800.00	2,698.58	2,562.67	2,494.77	9.66	8.61	45.97	417.30	1,740.71	1,282.27	1,265.04	17.23	74.402				
2,900.00	2,793.27	2,662.43	2,590.85	9.93	8.79	46.03	438.67	1,756.93	1,275.44	1,257.80	17.64	72.318				
3,000.00	2,887.96	2,762.19	2,686.93	10.20	8.99	46.10	460.04	1,773.15	1,268.60	1,250.54	18.07	70.217				
3,100.00	2,982.66	2,861.94	2,783.01	10.49	9.21	46.16	481.41	1,789.37	1,261.77	1,243.25	18.52	68.117				
3,200.00	3,077.35	2,961.70	2,879.10	10.79	9.43	46.23	502.77	1,805.59	1,254.94	1,235.94	19.00	66.033				
3,300.00	3,172.04	3,061.45	2,975.18	11.10	9.67	46.29	524.14	1,821.80	1,248.11	1,228.61	19.51	63.979				
3,400.00	3,266.74	3,161.21	3,071.26	11.42	9.92	46.36	545.51	1,838.02	1,241.29	1,221.26	20.03	61.963				
3,500.00	3,361.43	3,260.97	3,167.34	11.75	10.17	46.43	566.88	1,854.24	1,234.46	1,213.89	20.58	59.994				
3,600.00	3,456.12	3,360.72	3,263.42	12.09	10.44	46.50	588.25	1,870.46	1,227.64	1,206.50	21.14	58.078				
3,700.00	3,550.81	3,460.48	3,359.50	12.44	10.72	46.57	609.62	1,886.68	1,220.82	1,199.10	21.72	56.219				
3,800.00	3,645.51	3,560.23	3,455.58	12.79	11.00	46.64	630.99	1,902.89	1,214.00	1,191.69	22.31	54.419				
3,900.00	3,740.20	3,659.99	3,551.67	13.15	11.29	46.71	652.36	1,919.11	1,207.18	1,184.27	22.92	52.680				
4,000.00	3,834.89	3,759.75	3,647.75	13.52	11.59	46.78	673.73	1,935.33	1,200.37	1,176.83	23.54	51.003				
4,100.00	3,929.59	3,859.50	3,743.83	13.89	11.90	46.85	695.09	1,951.55	1,193.55	1,169.39	24.17	49.388				
4,200.00	4,024.28	3,959.26	3,839.91	14.26	12.21	46.93	716.46	1,967.77	1,186.74	1,161.93	24.81	47.834				
4,300.00	4,118.97	4,059.02	3,935.99	14.65	12.52	47.00	737.83	1,983.98	1,179.93	1,154.47	25.46	46.339				
4,400.00	4,213.67	4,158.77	4,032.07	15.03	12.84	47.08	759.20	2,000.20	1,173.12	1,147.00	26.13	44.904				
4,500.00	4,308.36	4,258.53	4,128.15	15.42	13.17	47.15	780.57	2,016.42	1,166.32	1,139.52	26.80	43.525				
4,600.00	4,403.05	4,358.28	4,224.23	15.81	13.50	47.23	801.94	2,032.64	1,159.51	1,132.04	27.48	42.201				
4,700.00	4,497.74	4,458.04	4,320.32	16.21	13.83	47.31	823.31	2,048.86	1,152.71	1,124.55	28.16	40.930				
4,800.00	4,592.44	4,557.80	4,416.40	16.61	14.17	47.39	844.68	2,065.07	1,145.91	1,117.05	28.86	39.709				
4,900.00	4,687.13	4,657.55	4,512.48	17.01	14.51	47.47	866.05	2,081.29	1,139.11	1,109.55	29.56	38.538				
5,000.00	4,781.82	4,757.31	4,608.56	17.42	14.85	47.55	887.42	2,097.51	1,132.32	1,102.05	30.27	37.413				
5,100.00	4,876.52	4,857.06	4,704.64	17.83	15.20	47.63	908.78	2,113.73	1,125.52	1,094.55	30.98	36.333				

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	4,971.21	4,956.82	4,800.72	18.24	15.55	47.71	930.15	2,129.95	1,118.73	1,087.04	31.70	35.295	
5,300.00	5,065.90	5,056.58	4,896.80	18.65	15.90	47.79	951.52	2,146.16	1,111.95	1,079.53	32.42	34.298	
5,400.00	5,160.60	5,156.33	4,992.89	19.07	16.26	47.88	972.89	2,162.38	1,105.16	1,072.01	33.15	33.340	
5,500.00	5,255.29	5,256.09	5,088.97	19.48	16.61	47.96	994.26	2,178.60	1,098.38	1,064.50	33.88	32.419	
5,600.00	5,349.98	5,355.84	5,185.05	19.90	16.97	48.05	1,015.63	2,194.82	1,091.60	1,056.98	34.62	31.532	
5,700.00	5,444.67	5,455.60	5,281.13	20.32	17.33	48.14	1,037.00	2,211.04	1,084.82	1,049.46	35.36	30.680	
5,800.00	5,539.37	5,555.36	5,377.21	20.74	17.70	48.23	1,058.37	2,227.25	1,078.04	1,041.94	36.10	29.859	
5,900.00	5,634.06	5,655.11	5,473.29	21.17	18.06	48.32	1,079.74	2,243.47	1,071.27	1,034.41	36.85	29.069	
6,000.00	5,728.75	5,754.87	5,569.37	21.59	18.43	48.41	1,101.11	2,259.69	1,064.50	1,026.89	37.60	28.307	
6,100.00	5,823.45	5,854.63	5,665.46	22.02	18.79	48.50	1,122.47	2,275.91	1,057.73	1,019.37	38.36	27.574	
6,200.00	5,918.14	5,954.38	5,761.54	22.45	19.16	48.59	1,143.84	2,292.13	1,050.96	1,011.84	39.12	26.866	
6,300.00	6,012.83	6,054.14	5,857.62	22.88	19.53	48.69	1,165.21	2,308.34	1,044.20	1,004.32	39.88	26.183	
6,400.00	6,107.53	6,177.74	7,076.42	23.31	24.84	-146.99	1,446.41	1,276.88	985.20	954.70	30.50	32.303	
6,500.00	6,202.22	6,152.32	7,077.09	23.74	24.60	-148.40	1,446.36	1,302.29	888.68	858.04	30.65	28.998	
6,600.00	6,296.91	6,126.89	7,077.77	24.17	24.37	-150.12	1,446.30	1,327.71	792.21	761.41	30.81	25.716	
6,700.00	6,391.60	6,101.47	7,078.44	24.60	24.13	-152.28	1,446.24	1,353.12	695.81	664.83	30.98	22.458	
6,800.00	6,486.30	6,076.05	7,079.12	25.04	23.91	-155.06	1,446.19	1,378.54	599.51	568.32	31.19	19.220	
6,900.00	6,580.99	6,050.62	7,079.79	25.47	23.69	-158.74	1,446.13	1,403.95	503.37	471.93	31.45	16.007	
7,000.00	6,675.68	6,025.20	7,080.47	25.91	23.47	-163.80	1,446.07	1,429.37	407.51	375.72	31.78	12.821	
7,100.00	6,769.01	6,005.17	7,081.28	26.37	23.30	-172.99	1,446.00	1,459.73	313.68	281.35	32.33	9.704	
7,200.00	6,857.00	7,950.19	7,082.46	26.93	22.86	-177.91	1,445.90	1,504.35	226.66	193.53	33.13	6.841	
7,300.00	6,937.46	7,907.87	7,084.01	27.60	22.54	166.68	1,445.77	1,562.39	150.05	114.73	35.31	4.249	
7,400.00	7,008.38	7,822.07	7,085.87	28.37	21.97	147.35	1,445.62	1,632.43	90.12	48.93	41.19	2.188	
7,500.00	7,068.02	7,741.73	7,088.00	29.23	21.70	111.57	1,445.44	1,712.74	62.54	12.54	50.00	1.251	Level 3
7,510.54	7,073.59	7,732.74	7,088.24	29.33	21.70	107.12	1,445.42	1,721.73	62.30	12.11	50.19	1.241	Level 2, CC, ES, SF
7,600.00	7,114.92	7,656.10	7,088.50	30.17	21.82	74.75	1,444.85	1,798.34	75.50	30.13	45.37	1.664	
7,700.00	7,147.92	7,574.63	7,079.59	31.17	21.95	53.56	1,442.19	1,879.21	107.24	68.89	38.35	2.796	
7,800.00	7,166.21	7,496.72	7,061.70	32.22	22.07	42.49	1,437.57	1,954.85	143.26	108.72	34.55	4.147	
7,900.00	7,169.96	7,421.80	7,036.12	33.29	22.17	36.63	1,431.27	2,024.95	179.09	146.28	32.81	5.458	
8,000.00	7,169.81	7,353.03	7,005.72	34.40	22.25	33.11	1,423.96	2,086.15	222.27	190.12	32.15	6.914	
8,100.00	7,169.67	7,291.91	6,973.42	35.55	22.30	30.33	1,416.31	2,137.45	274.75	242.49	32.26	8.518	
8,200.00	7,169.52	7,238.16	6,941.16	36.73	22.34	28.21	1,408.75	2,179.75	335.01	302.15	32.85	10.198	
8,300.00	7,169.38	7,191.17	6,910.18	37.96	22.36	26.60	1,401.53	2,214.32	401.63	367.95	33.68	11.925	
8,400.00	7,169.23	7,150.00	6,881.06	39.21	22.37	25.37	1,394.78	2,242.62	473.42	438.85	34.57	13.695	
8,500.00	7,169.08	7,114.34	6,854.43	40.50	22.37	24.41	1,388.64	2,265.52	549.40	513.95	35.45	15.499	
8,600.00	7,168.94	7,082.98	6,830.01	41.81	22.37	23.66	1,383.02	2,284.37	628.80	592.54	36.26	17.341	
8,700.00	7,168.79	7,050.00	6,803.38	43.15	22.36	22.94	1,376.91	2,302.84	711.03	674.17	36.86	19.289	
8,800.00	7,168.65	7,031.07	6,787.69	44.51	22.35	22.55	1,373.31	2,312.79	795.48	757.81	37.67	21.120	
8,900.00	7,168.50	7,000.00	6,761.32	45.89	22.34	21.97	1,367.29	2,328.08	882.00	843.94	38.06	23.176	
9,000.00	7,168.36	7,000.00	6,761.32	47.29	22.34	21.97	1,367.29	2,328.08	970.00	931.02	38.99	24.881	
9,100.00	7,168.21	6,973.07	6,737.89	48.70	22.32	21.51	1,361.95	2,340.25	1,059.22	1,019.95	39.27	26.974	
9,200.00	7,168.06	6,950.00	6,717.45	50.13	22.30	21.14	1,357.29	2,349.85	1,149.77	1,110.20	39.57	29.057	
9,300.00	7,167.92	6,950.00	6,717.45	51.58	22.30	21.14	1,357.29	2,349.85	1,241.21	1,201.02	40.19	30.884	
9,400.00	7,167.77	6,930.98	6,700.34	53.04	22.28	20.85	1,353.40	2,357.19	1,333.45	1,293.01	40.44	32.974	
9,500.00	7,167.63	6,919.47	6,689.88	54.51	22.26	20.69	1,351.03	2,361.38	1,426.47	1,385.71	40.76	34.994	
9,600.00	7,167.48	6,900.00	6,672.04	55.99	22.24	20.42	1,346.98	2,368.03	1,520.20	1,479.26	40.94	37.131	
9,700.00	7,167.34	6,900.00	6,672.04	57.48	22.24	20.42	1,346.98	2,368.03	1,614.31	1,572.97	41.35	39.045	
9,800.00	7,167.19	6,900.00	6,672.04	58.98	22.24	20.42	1,346.98	2,368.03	1,709.09	1,667.38	41.71	40.977	
9,900.00	7,167.04	6,882.29	6,655.63	60.49	22.22	20.18	1,343.26	2,373.58	1,804.10	1,762.27	41.83	43.130	
10,000.00	7,166.90	6,874.73	6,648.59	62.01	22.21	20.09	1,341.67	2,375.81	1,899.58	1,857.53	42.05	45.170	
10,100.00	7,166.75	6,850.00	6,625.37	63.54	22.17	19.79	1,336.42	2,382.49	1,995.72	1,953.65	42.07	47.433	
10,200.00	7,166.61	6,850.00	6,625.37	65.07	22.17	19.79	1,336.42	2,382.49	2,091.65	2,049.30	42.35	49.390	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,166.46	6,850.00	6,625.37	66.61	22.17	19.79	1,336.42	2,382.49	2,187.94	2,145.33	42.61	51.352	
10,400.00	7,166.32	6,850.00	6,625.37	68.16	22.17	19.79	1,336.42	2,382.49	2,284.55	2,241.70	42.85	53.319	
10,500.00	7,166.17	6,850.00	6,625.37	69.71	22.17	19.79	1,336.42	2,382.49	2,381.44	2,338.36	43.07	55.288	
10,600.00	7,166.02	6,850.00	6,625.37	71.26	22.17	19.79	1,336.42	2,382.49	2,478.57	2,435.29	43.29	57.258	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.22	-5.07	1,299.62	1,299.63				
100.00	100.00	103.00	97.00	3.28	3.28	90.22	-5.07	1,299.62	1,299.63	1,292.10	7.53	172.611	
200.00	200.00	203.00	197.00	3.31	3.31	90.22	-5.07	1,299.62	1,299.63	1,292.05	7.57	171.570	
300.00	300.00	283.02	283.02	3.35	3.34	44.62	-5.00	1,299.79	1,299.73	1,292.07	7.65	169.820	
400.00	399.95	353.26	353.24	3.42	3.38	44.66	-4.41	1,301.36	1,299.84	1,292.08	7.76	167.603	
500.00	499.74	423.50	423.39	3.51	3.43	44.75	-3.21	1,304.53	1,299.75	1,291.87	7.89	164.835	
600.00	599.24	500.00	499.68	3.62	3.50	44.90	-1.20	1,309.81	1,299.51	1,291.45	8.05	161.389	
700.00	698.33	563.92	563.29	3.76	3.57	45.08	1.03	1,315.68	1,299.04	1,290.81	8.23	157.748	
800.00	796.90	634.10	632.95	3.93	3.66	45.32	4.06	1,323.65	1,298.44	1,289.98	8.46	153.480	
900.00	894.81	704.25	702.35	4.14	3.77	45.61	7.69	1,333.21	1,297.71	1,288.99	8.72	148.767	
1,000.00	991.96	784.94	781.88	4.40	3.91	46.01	12.53	1,345.96	1,296.71	1,287.66	9.06	143.203	
1,100.00	1,088.23	884.05	879.49	4.71	4.11	46.62	18.63	1,362.02	1,293.86	1,284.37	9.49	136.379	
1,200.00	1,183.49	982.70	976.64	5.07	4.33	47.38	24.70	1,378.00	1,288.76	1,278.78	9.98	129.117	
1,300.00	1,278.18	1,081.06	1,073.52	5.48	4.58	48.12	30.75	1,393.94	1,282.64	1,272.11	10.53	121.824	
1,400.00	1,372.87	1,179.43	1,170.39	5.91	4.84	48.88	36.80	1,409.88	1,276.74	1,265.62	11.12	114.847	
1,500.00	1,467.57	1,277.79	1,267.27	6.37	5.11	49.64	42.85	1,425.81	1,271.06	1,259.32	11.74	108.255	
1,600.00	1,562.26	1,376.15	1,364.15	6.85	5.40	50.40	48.90	1,441.75	1,265.62	1,253.22	12.40	102.081	
1,700.00	1,656.95	1,474.52	1,461.02	7.34	5.70	51.17	54.95	1,457.69	1,260.41	1,247.33	13.08	96.357	
1,800.00	1,751.65	1,572.88	1,557.90	7.85	6.00	51.95	61.01	1,473.62	1,255.44	1,241.65	13.79	91.041	
1,900.00	1,846.34	1,671.25	1,654.77	8.13	6.32	52.73	67.06	1,489.56	1,250.71	1,236.60	14.11	86.615	
2,000.00	1,941.03	1,769.61	1,751.65	8.21	6.64	53.52	73.11	1,505.50	1,246.22	1,231.75	14.47	88.117	
2,100.00	2,035.73	1,867.98	1,848.53	8.32	6.86	54.32	79.16	1,521.43	1,241.97	1,227.38	14.60	85.084	
2,200.00	2,130.42	1,966.34	1,945.40	8.45	6.94	55.12	85.21	1,537.37	1,237.98	1,223.18	14.80	83.650	
2,300.00	2,225.11	2,064.71	2,042.28	8.60	6.99	55.92	91.26	1,553.31	1,234.23	1,219.23	15.00	82.299	
2,400.00	2,319.81	2,163.07	2,139.16	8.78	7.06	56.73	97.31	1,569.24	1,230.73	1,215.50	15.23	80.799	
2,500.00	2,414.50	2,261.44	2,236.03	8.97	7.14	57.54	103.37	1,585.18	1,227.49	1,211.99	15.50	79.176	
2,600.00	2,509.19	2,359.80	2,332.91	9.19	7.23	58.36	109.42	1,601.12	1,224.51	1,208.70	15.81	77.454	
2,700.00	2,603.88	2,458.17	2,429.78	9.42	7.34	59.18	115.47	1,617.06	1,221.78	1,205.63	16.15	75.659	
2,800.00	2,698.58	2,556.53	2,526.66	9.66	7.46	60.00	121.52	1,632.99	1,219.32	1,202.80	16.52	73.815	
2,900.00	2,793.27	2,654.90	2,623.54	9.93	7.59	60.83	127.57	1,648.93	1,217.11	1,200.19	16.92	71.942	
3,000.00	2,887.96	2,753.26	2,720.41	10.20	7.74	61.66	133.62	1,664.87	1,215.17	1,197.82	17.34	70.060	
3,100.00	2,982.66	2,851.62	2,817.29	10.49	7.89	62.49	139.68	1,680.80	1,213.49	1,195.69	17.80	68.185	
3,200.00	3,077.35	2,949.99	2,914.17	10.79	8.06	63.33	145.73	1,696.74	1,212.08	1,193.81	18.27	66.329	
3,300.00	3,172.04	3,048.35	3,011.04	11.10	8.24	64.17	151.78	1,712.68	1,210.93	1,192.16	18.77	64.506	
3,400.00	3,266.74	3,146.72	3,107.92	11.42	8.42	65.00	157.83	1,728.61	1,210.05	1,190.76	19.29	62.723	
3,500.00	3,361.43	3,245.08	3,204.79	11.75	8.62	65.84	163.88	1,744.55	1,209.44	1,189.61	19.83	60.988	
3,600.00	3,456.12	3,343.45	3,301.67	12.09	8.82	66.68	169.93	1,760.49	1,209.10	1,188.71	20.39	59.306	
3,677.97	3,529.96	3,420.15	3,377.21	12.36	8.99	67.34	174.65	1,772.91	1,209.02	1,188.19	20.83	58.033	
3,700.00	3,550.81	3,441.81	3,398.55	12.44	9.03	67.52	175.99	1,776.42	1,209.03	1,188.06	20.96	57.680	
3,800.00	3,645.51	3,540.18	3,495.42	12.79	9.25	68.36	182.04	1,792.36	1,209.22	1,187.67	21.55	56.114	
3,900.00	3,740.20	3,638.54	3,592.30	13.15	9.48	69.20	188.09	1,808.30	1,209.68	1,187.53	22.15	54.608	
4,000.00	3,834.89	3,736.91	3,689.17	13.52	9.71	70.04	194.14	1,824.23	1,210.41	1,187.64	22.77	53.163	
4,100.00	3,929.59	3,835.27	3,786.05	13.89	9.94	70.87	200.19	1,840.17	1,211.41	1,188.01	23.40	51.779	
4,200.00	4,024.28	3,933.64	3,882.93	14.26	10.19	71.71	206.24	1,856.11	1,212.67	1,188.63	24.03	50.455	
4,300.00	4,118.97	4,032.00	3,979.80	14.65	10.43	72.54	212.29	1,872.04	1,214.20	1,189.51	24.68	49.189	
4,400.00	4,213.67	4,130.37	4,076.68	15.03	10.68	73.38	218.35	1,887.98	1,215.99	1,190.65	25.34	47.981	
4,500.00	4,308.36	4,228.73	4,173.56	15.42	10.94	74.20	224.40	1,903.92	1,218.05	1,192.04	26.01	46.828	
4,600.00	4,403.05	4,327.09	4,270.43	15.81	11.20	75.03	230.45	1,919.85	1,220.37	1,193.68	26.69	45.729	
4,700.00	4,497.74	4,425.46	4,367.31	16.21	11.46	75.85	236.50	1,935.79	1,222.95	1,195.58	27.37	44.681	
4,800.00	4,592.44	4,523.82	4,464.18	16.61	11.73	76.67	242.55	1,951.73	1,225.79	1,197.73	28.06	43.683	
4,900.00	4,687.13	4,622.19	4,561.06	17.01	12.00	77.49	248.60	1,967.66	1,228.89	1,200.13	28.76	42.732	
5,000.00	4,781.82	4,720.55	4,657.94	17.42	12.27	78.30	254.66	1,983.60	1,232.24	1,202.78	29.46	41.827	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,876.52	4,818.92	4,754.81	17.83	12.55	79.11	260.71	1,999.54	1,235.85	1,205.68	30.17	40.965	
5,200.00	4,971.21	4,917.28	4,851.69	18.24	12.83	79.91	266.76	2,015.47	1,239.71	1,208.83	30.88	40.144	
5,300.00	5,065.90	5,015.65	4,948.57	18.65	13.11	80.71	272.81	2,031.41	1,243.81	1,212.22	31.60	39.362	
5,400.00	5,160.60	5,114.01	5,045.44	19.07	13.39	81.50	278.86	2,047.35	1,248.17	1,215.85	32.32	38.618	
5,500.00	5,255.29	5,212.38	5,142.32	19.48	13.68	82.28	284.91	2,063.28	1,252.76	1,219.72	33.05	37.910	
5,600.00	5,349.98	5,310.74	5,239.19	19.90	13.97	83.07	290.97	2,079.22	1,257.60	1,223.83	33.77	37.235	
5,700.00	5,444.67	5,409.11	5,336.07	20.32	14.26	83.84	297.02	2,095.16	1,262.68	1,228.17	34.51	36.592	
5,800.00	5,539.37	5,507.47	5,432.95	20.74	14.55	84.61	303.07	2,111.09	1,267.99	1,232.75	35.24	35.980	
5,900.00	5,634.06	5,605.83	5,529.82	21.17	14.84	85.37	309.12	2,127.03	1,273.54	1,237.56	35.98	35.397	
6,000.00	5,728.75	5,704.20	5,626.70	21.59	15.14	86.13	315.17	2,142.97	1,279.31	1,242.59	36.72	34.841	
6,100.00	5,823.45	5,802.56	5,723.58	22.02	15.43	86.88	321.22	2,158.90	1,285.31	1,247.85	37.46	34.311	
6,200.00	5,918.14	5,900.93	5,820.45	22.45	15.73	87.62	327.27	2,174.84	1,291.53	1,253.33	38.20	33.806	
6,300.00	6,012.83	5,999.29	5,917.33	22.88	16.03	88.35	333.33	2,190.78	1,297.98	1,259.03	38.95	33.325	
6,400.00	6,107.53	6,102.34	6,014.20	23.31	16.35	89.08	339.38	2,206.71	1,304.64	1,264.93	39.71	32.854	
6,500.00	6,202.22	6,203.98	6,111.08	23.74	16.66	89.80	345.43	2,222.65	1,311.51	1,271.05	40.47	32.408	
6,600.00	6,296.91	6,305.61	6,207.96	24.17	16.97	90.52	351.48	2,238.59	1,318.60	1,277.37	41.23	31.984	
6,700.00	6,391.60	8,081.06	7,287.66	24.60	21.30	145.27	423.30	1,341.84	1,286.29	1,245.68	40.62	31.668	
6,800.00	6,486.30	8,055.27	7,288.44	25.04	21.10	144.00	423.25	1,367.62	1,239.49	1,197.87	41.61	29.785	
6,900.00	6,580.99	8,029.48	7,289.22	25.47	20.90	142.73	423.19	1,393.39	1,198.65	1,156.05	42.60	28.137	
7,000.00	6,675.68	8,003.69	7,290.01	25.91	20.70	141.45	423.13	1,419.17	1,164.42	1,120.88	43.54	26.741	
7,100.00	6,769.01	7,972.96	7,290.94	26.37	20.49	130.03	423.07	1,449.88	1,137.84	1,093.43	44.41	25.620	
7,200.00	6,857.00	7,927.99	7,292.31	26.93	20.20	121.32	422.97	1,494.83	1,119.91	1,074.75	45.16	24.798	
7,300.00	6,937.46	7,869.63	7,294.09	27.60	19.85	114.99	422.85	1,553.17	1,109.85	1,064.03	45.82	24.221	
7,400.00	7,008.38	7,800.70	7,296.23	28.37	19.48	109.75	422.70	1,623.47	1,106.13	1,059.70	46.43	23.822	
7,428.66	7,026.69	7,778.76	7,296.83	28.61	19.38	108.45	422.65	1,644.00	1,105.97	1,059.35	46.62	23.724 CC	
7,500.00	7,068.02	7,699.78	7,294.96	29.23	19.08	104.60	422.21	1,722.90	1,106.34	1,059.26	47.08	23.498 ES	
7,600.00	7,114.92	7,600.82	7,278.89	30.17	18.78	100.03	420.80	1,820.44	1,107.92	1,060.10	47.82	23.168	
7,700.00	7,147.92	7,511.81	7,251.71	31.17	18.60	96.20	418.74	1,905.09	1,110.64	1,062.06	48.58	22.863	
7,800.00	7,166.21	7,429.95	7,216.54	32.22	18.51	93.00	416.22	1,978.91	1,114.17	1,064.88	49.29	22.604	
7,900.00	7,169.96	7,353.65	7,175.50	33.29	18.46	90.43	413.36	2,043.11	1,118.21	1,068.28	49.93	22.397	
8,000.00	7,169.81	7,287.19	7,133.72	34.40	18.46	88.30	410.52	2,094.68	1,125.19	1,074.75	50.44	22.310 SF	
8,100.00	7,169.67	7,231.23	7,094.54	35.55	18.47	86.31	407.88	2,134.53	1,136.92	1,086.15	50.77	22.392	
8,200.00	7,169.52	7,184.13	7,058.96	36.73	18.48	84.52	405.51	2,165.28	1,154.17	1,103.23	50.94	22.657	
8,300.00	7,169.38	7,150.00	7,031.81	37.96	18.48	83.17	403.71	2,185.88	1,177.39	1,126.44	50.95	23.110	
8,400.00	7,169.23	7,110.58	6,999.14	39.21	18.49	81.56	401.56	2,207.81	1,206.67	1,155.85	50.82	23.745	
8,500.00	7,169.08	7,081.69	6,974.36	40.50	18.49	80.35	399.93	2,222.58	1,242.00	1,191.42	50.58	24.557	
8,600.00	7,168.94	7,050.00	6,946.44	41.81	18.50	79.00	398.11	2,237.46	1,283.17	1,232.93	50.24	25.542	
8,700.00	7,168.79	7,035.16	6,933.13	43.15	18.49	78.36	397.24	2,243.94	1,329.73	1,279.86	49.87	26.663	
8,800.00	7,168.65	7,016.25	6,915.94	44.51	18.49	77.54	396.13	2,251.75	1,381.37	1,331.91	49.45	27.932	
8,900.00	7,168.50	7,000.00	6,900.99	45.89	18.49	76.84	395.16	2,258.06	1,437.62	1,388.60	49.02	29.324	
9,000.00	7,168.36	6,984.86	6,886.93	47.29	18.49	76.18	394.25	2,263.58	1,498.05	1,449.46	48.59	30.831	
9,100.00	7,168.21	6,971.71	6,874.61	48.70	18.48	75.60	393.45	2,268.11	1,562.23	1,514.06	48.17	32.434	
9,200.00	7,168.06	6,950.00	6,854.07	50.13	18.47	74.65	392.13	2,275.02	1,629.85	1,582.14	47.71	34.159	
9,300.00	7,167.92	6,950.00	6,854.07	51.58	18.47	74.65	392.13	2,275.02	1,700.29	1,652.91	47.38	35.884	
9,400.00	7,167.77	6,950.00	6,854.07	53.04	18.47	74.65	392.13	2,275.02	1,773.58	1,726.50	47.07	37.677	
9,500.00	7,167.63	6,931.00	6,835.91	54.51	18.46	73.82	390.96	2,280.49	1,849.04	1,802.35	46.69	39.601	
9,600.00	7,167.48	6,923.04	6,828.26	55.99	18.46	73.48	390.47	2,282.62	1,926.71	1,880.33	46.39	41.534	
9,700.00	7,167.34	6,900.00	6,805.96	57.48	18.45	72.48	389.04	2,288.24	2,006.49	1,960.46	46.03	43.593	
9,800.00	7,167.19	6,900.00	6,805.96	58.98	18.45	72.48	389.04	2,288.24	2,087.56	2,041.75	45.81	45.566	
9,900.00	7,167.04	6,900.00	6,805.96	60.49	18.45	72.48	389.04	2,288.24	2,170.21	2,124.59	45.62	47.570	
10,000.00	7,166.90	6,900.00	6,805.96	62.01	18.45	72.48	389.04	2,288.24	2,254.28	2,208.83	45.45	49.601	
10,100.00	7,166.75	6,900.00	6,805.96	63.54	18.45	72.48	389.04	2,288.24	2,339.59	2,294.30	45.29	51.654	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,166.61	6,900.00	6,805.96	65.07	18.45	72.48	389.04	2,288.24	2,426.03	2,380.87	45.16	53.724	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.21	-4.71	1,259.52	1,259.53				
100.00	100.00	103.00	97.00	3.28	3.28	90.21	-4.71	1,259.52	1,259.53	1,252.00	7.53	167.287	
200.00	200.00	203.00	197.00	3.31	3.31	90.21	-4.71	1,259.52	1,259.53	1,251.96	7.57	166.277	
300.00	300.00	303.00	297.00	3.35	3.35	44.62	-4.71	1,259.52	1,259.38	1,251.72	7.67	164.296	
400.00	399.95	403.05	396.95	3.42	3.42	44.75	-4.71	1,259.52	1,257.27	1,249.47	7.80	161.233	
500.00	499.74	503.26	496.74	3.51	3.51	45.02	-4.71	1,259.52	1,252.69	1,244.72	7.97	157.102	
600.00	599.24	603.76	596.24	3.62	3.61	45.44	-4.71	1,259.52	1,245.68	1,237.49	8.19	152.063	
700.00	698.33	704.67	695.33	3.76	3.74	46.02	-4.71	1,259.52	1,236.29	1,227.83	8.45	146.261	
800.00	796.90	793.90	793.90	3.93	3.86	46.75	-4.71	1,259.52	1,224.58	1,215.84	8.74	140.123	
900.00	894.81	864.63	864.62	4.14	3.96	47.44	-4.67	1,260.25	1,211.67	1,202.64	9.03	134.217	
1,000.00	991.96	933.53	933.48	4.40	4.07	48.19	-4.53	1,262.63	1,198.97	1,189.63	9.35	128.260	
1,100.00	1,088.23	1,000.00	999.84	4.71	4.17	49.01	-4.30	1,266.49	1,186.58	1,176.87	9.70	122.297	
1,200.00	1,183.49	1,071.16	1,070.76	5.07	4.29	49.96	-3.96	1,272.33	1,174.58	1,164.46	10.12	116.101	
1,300.00	1,278.18	1,140.12	1,139.32	5.48	4.41	50.75	-3.53	1,279.66	1,164.14	1,153.57	10.57	110.154	
1,400.00	1,372.87	1,209.52	1,208.13	5.91	4.55	51.54	-3.00	1,288.70	1,156.45	1,145.40	11.05	104.637	
1,500.00	1,467.57	1,279.29	1,277.06	6.37	4.69	52.33	-2.37	1,299.46	1,151.54	1,139.97	11.57	99.556	
1,600.00	1,562.26	1,350.65	1,347.26	6.85	4.86	53.11	-1.62	1,312.19	1,149.37	1,137.26	12.11	94.909	
1,700.00	1,656.95	1,448.22	1,443.07	7.34	5.10	54.18	-0.54	1,330.64	1,148.69	1,135.92	12.77	89.979	
1,800.00	1,751.65	1,545.79	1,538.87	7.85	5.37	55.24	0.54	1,349.09	1,148.42	1,134.97	13.45	85.386	
1,814.68	1,765.55	1,560.11	1,552.93	7.89	5.41	55.40	0.70	1,351.80	1,148.41	1,134.89	13.52	84.926 CC	
1,900.00	1,846.34	1,643.36	1,634.67	8.13	5.65	56.31	1.62	1,367.54	1,148.56	1,134.82	13.74	83.563 ES	
2,000.00	1,941.03	1,740.93	1,730.48	8.21	5.94	57.38	2.70	1,386.00	1,149.13	1,135.05	14.08	81.639	
2,100.00	2,035.73	1,838.50	1,826.28	8.32	6.19	58.44	3.78	1,404.45	1,150.11	1,135.89	14.22	80.870	
2,200.00	2,130.42	1,936.07	1,922.09	8.45	6.31	59.50	4.86	1,422.90	1,151.51	1,137.06	14.45	79.678	
2,300.00	2,225.11	2,033.64	2,017.89	8.60	6.35	60.56	5.94	1,441.35	1,153.32	1,138.68	14.65	78.745	
2,400.00	2,319.81	2,131.21	2,113.69	8.78	6.41	61.62	7.03	1,459.80	1,155.55	1,140.67	14.88	77.661	
2,500.00	2,414.50	2,228.78	2,209.50	8.97	6.49	62.67	8.11	1,478.26	1,158.18	1,143.03	15.15	76.447	
2,600.00	2,509.19	2,326.35	2,305.30	9.19	6.59	63.72	9.19	1,496.71	1,161.23	1,145.77	15.46	75.129	
2,700.00	2,603.88	2,423.92	2,401.11	9.42	6.70	64.76	10.27	1,515.16	1,164.67	1,148.88	15.80	73.730	
2,800.00	2,698.58	2,521.50	2,496.91	9.66	6.83	65.79	11.35	1,533.61	1,168.52	1,152.35	16.17	72.272	
2,900.00	2,793.27	2,619.07	2,592.71	9.93	6.97	66.82	12.43	1,552.06	1,172.77	1,156.20	16.57	70.775	
3,000.00	2,887.96	2,716.64	2,688.52	10.20	7.13	67.84	13.51	1,570.52	1,177.40	1,160.40	17.00	69.258	
3,100.00	2,982.66	2,814.21	2,784.32	10.49	7.30	68.86	14.59	1,588.97	1,182.43	1,164.97	17.46	67.737	
3,200.00	3,077.35	2,911.78	2,880.13	10.79	7.48	69.86	15.67	1,607.42	1,187.84	1,169.90	17.94	66.225	
3,300.00	3,172.04	3,009.35	2,975.93	11.10	7.67	70.85	16.76	1,625.87	1,193.62	1,175.18	18.44	64.737	
3,400.00	3,266.74	3,106.92	3,071.73	11.42	7.87	71.84	17.84	1,644.32	1,199.78	1,180.82	18.96	63.274	
3,500.00	3,361.43	3,204.49	3,167.54	11.75	8.09	72.82	18.92	1,662.78	1,206.30	1,186.80	19.50	61.848	
3,600.00	3,456.12	3,302.06	3,263.34	12.09	8.31	73.78	20.00	1,681.23	1,213.19	1,193.12	20.06	60.464	
3,700.00	3,550.81	3,400.37	3,359.15	12.44	8.54	74.74	21.08	1,699.68	1,220.43	1,199.79	20.64	59.122	
3,800.00	3,645.51	3,502.80	3,454.95	12.79	8.79	75.68	22.16	1,718.13	1,228.02	1,206.77	21.24	57.804	
3,900.00	3,740.20	3,605.23	3,550.75	13.15	9.05	76.61	23.24	1,736.58	1,235.94	1,214.08	21.86	56.536	
4,000.00	3,834.89	3,707.66	3,646.56	13.52	9.31	77.54	24.32	1,755.04	1,244.21	1,221.72	22.49	55.321	
4,100.00	3,929.59	3,789.91	3,742.36	13.89	9.53	78.44	25.40	1,773.49	1,252.80	1,229.72	23.08	54.271	
4,200.00	4,024.28	3,887.49	3,838.17	14.26	9.79	79.34	26.48	1,791.94	1,261.72	1,237.99	23.72	53.184	
4,300.00	4,118.97	3,985.06	3,933.97	14.65	10.06	80.23	27.57	1,810.39	1,270.95	1,246.57	24.37	52.145	
4,400.00	4,213.67	4,082.63	4,029.77	15.03	10.33	81.10	28.65	1,828.84	1,280.49	1,255.45	25.03	51.155	
4,500.00	4,308.36	4,180.20	4,125.58	15.42	10.61	81.96	29.73	1,847.30	1,290.33	1,264.63	25.70	50.211	
4,600.00	4,403.05	4,277.77	4,221.38	15.81	10.89	82.80	30.81	1,865.75	1,300.46	1,274.09	26.37	49.311	
4,700.00	4,497.74	4,375.34	4,317.19	16.21	11.17	83.64	31.89	1,884.20	1,310.88	1,283.83	27.05	48.455	
4,800.00	4,592.44	4,472.91	4,412.99	16.61	11.46	84.46	32.97	1,902.65	1,321.59	1,293.84	27.74	47.640	
4,900.00	4,687.13	4,570.48	4,508.79	17.01	11.75	85.27	34.05	1,921.10	1,332.56	1,304.13	28.43	46.865	
5,000.00	4,781.82	4,668.05	4,604.60	17.42	12.04	86.06	35.13	1,939.56	1,343.81	1,314.68	29.13	46.127	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,876.52	4,765.62	4,700.40	17.83	12.34	86.85	36.21	1,958.01	1,355.31	1,325.48	29.84	45.425	
5,200.00	4,971.21	4,863.19	4,796.21	18.24	12.63	87.62	37.29	1,976.46	1,367.07	1,336.53	30.54	44.757	
5,300.00	5,065.90	4,960.76	4,892.01	18.65	12.93	88.37	38.38	1,994.91	1,379.08	1,347.83	31.26	44.121	
5,400.00	5,160.60	5,058.33	4,987.81	19.07	13.24	89.12	39.46	2,013.36	1,391.33	1,359.36	31.97	43.516	
5,500.00	5,255.29	5,155.91	5,083.62	19.48	13.54	89.85	40.54	2,031.82	1,403.82	1,371.12	32.69	42.940	
5,600.00	5,349.98	5,253.48	5,179.42	19.90	13.85	90.57	41.62	2,050.27	1,416.53	1,383.11	33.42	42.392	
5,700.00	5,444.67	5,351.05	5,275.23	20.32	14.16	91.27	42.70	2,068.72	1,429.47	1,395.32	34.14	41.869	
5,800.00	5,539.37	5,448.62	5,371.03	20.74	14.47	91.97	43.78	2,087.17	1,442.62	1,407.75	34.87	41.372	
5,900.00	5,634.06	5,546.19	5,466.83	21.17	14.78	92.65	44.86	2,105.62	1,455.98	1,420.38	35.60	40.898	
6,000.00	5,728.75	5,643.76	5,562.64	21.59	15.09	93.32	45.94	2,124.08	1,469.55	1,433.22	36.33	40.445	
6,100.00	5,823.45	5,741.33	5,658.44	22.02	15.40	93.98	47.02	2,142.53	1,483.32	1,446.25	37.07	40.014	
6,200.00	5,918.14	5,838.90	5,754.25	22.45	15.72	94.62	48.11	2,160.98	1,497.28	1,459.47	37.81	39.603	
6,300.00	6,012.83	5,936.47	5,850.05	22.88	16.04	95.26	49.19	2,179.43	1,511.43	1,472.88	38.55	39.210	
6,400.00	6,107.53	7,809.24	6,978.65	23.31	20.86	142.19	60.87	1,281.65	1,496.44	1,456.25	40.20	37.227	
6,500.00	6,202.22	7,765.38	6,979.30	23.74	20.51	141.18	60.90	1,307.03	1,462.44	1,421.58	40.86	35.791	
6,600.00	6,296.91	7,740.00	6,979.94	24.17	20.31	140.17	60.93	1,332.40	1,434.16	1,392.54	41.62	34.456	
6,700.00	6,391.60	7,714.62	6,980.58	24.60	20.11	139.16	60.96	1,357.77	1,411.96	1,369.63	42.33	33.357	
6,800.00	6,486.30	7,689.23	6,981.22	25.04	19.92	138.14	60.99	1,383.15	1,396.11	1,353.15	42.97	32.491	
6,900.00	6,580.99	7,663.85	6,981.86	25.47	19.75	137.13	61.02	1,408.52	1,386.85	1,343.32	43.53	31.857	
6,987.74	6,664.08	7,641.58	6,982.43	25.85	19.60	136.24	61.05	1,430.78	1,384.25	1,340.31	43.94	31.501	
7,000.00	6,675.68	7,638.47	6,982.51	25.91	19.58	136.11	61.05	1,433.89	1,384.30	1,340.31	43.99	31.466	
7,100.00	6,769.01	7,608.14	6,983.27	26.37	19.37	122.72	61.09	1,464.21	1,388.44	1,344.10	44.34	31.315 SF	
7,200.00	6,857.00	7,563.55	6,984.40	26.93	19.11	111.89	61.15	1,508.79	1,398.38	1,353.75	44.63	31.333	
7,300.00	6,937.46	7,505.52	6,985.87	27.60	18.80	103.88	61.22	1,566.80	1,412.45	1,367.57	44.88	31.470	
7,400.00	7,008.38	7,436.77	6,987.15	28.37	18.49	97.44	61.30	1,635.54	1,428.67	1,383.47	45.20	31.610	
7,500.00	7,068.02	7,369.08	6,982.71	29.23	18.24	92.23	61.31	1,703.04	1,445.42	1,399.86	45.57	31.720	
7,600.00	7,114.92	7,304.05	6,971.71	30.17	18.04	87.95	61.25	1,767.11	1,461.78	1,415.79	45.98	31.790	
7,700.00	7,147.92	7,241.04	6,954.87	31.17	17.89	84.48	61.12	1,827.81	1,476.88	1,430.44	46.44	31.804	
7,800.00	7,166.21	7,179.60	6,932.76	32.22	17.78	81.74	60.93	1,885.11	1,489.98	1,443.05	46.92	31.753	
7,900.00	7,169.96	7,119.62	6,905.95	33.29	17.70	79.92	60.68	1,938.73	1,500.68	1,453.25	47.43	31.642	
8,000.00	7,169.81	7,064.36	6,876.88	34.40	17.66	78.83	60.40	1,985.51	1,513.07	1,465.17	47.90	31.587	
8,100.00	7,169.67	7,014.91	6,847.50	35.55	17.65	77.74	60.11	2,025.46	1,529.07	1,480.76	48.32	31.646	
8,200.00	7,169.52	6,970.91	6,818.84	36.73	17.65	76.68	59.83	2,058.83	1,549.01	1,500.35	48.66	31.831	
8,300.00	7,169.38	6,931.86	6,791.52	37.96	17.65	75.68	59.55	2,086.72	1,573.12	1,524.18	48.93	32.147	
8,400.00	7,169.23	6,900.00	6,767.99	39.21	17.66	74.83	59.31	2,108.21	1,601.52	1,552.39	49.13	32.596	
8,500.00	7,169.08	6,866.46	6,742.10	40.50	17.67	73.90	59.04	2,129.52	1,634.23	1,584.97	49.26	33.173	
8,600.00	7,168.94	6,850.00	6,729.00	41.81	17.67	73.43	58.91	2,139.47	1,671.31	1,621.97	49.34	33.873	
8,700.00	7,168.79	6,814.63	6,699.98	43.15	17.68	72.40	58.60	2,159.70	1,712.39	1,663.04	49.35	34.700	
8,800.00	7,168.65	6,800.00	6,687.66	44.51	17.69	71.97	58.47	2,167.59	1,757.59	1,708.26	49.33	35.629	
8,900.00	7,168.50	6,773.06	6,664.52	45.89	17.70	71.17	58.23	2,181.36	1,806.53	1,757.28	49.25	36.680	
9,000.00	7,168.36	6,750.00	6,644.26	47.29	17.70	70.47	58.02	2,192.37	1,859.13	1,809.98	49.14	37.832	
9,100.00	7,168.21	6,750.00	6,644.26	48.70	17.70	70.47	58.02	2,192.37	1,915.13	1,866.07	49.06	39.037	
9,200.00	7,168.06	6,724.65	6,621.54	50.13	17.71	69.69	57.77	2,203.61	1,974.12	1,925.22	48.90	40.373	
9,300.00	7,167.92	6,700.00	6,599.04	51.58	17.71	68.93	57.53	2,213.67	2,036.20	1,987.48	48.72	41.798	
9,400.00	7,167.77	6,700.00	6,599.04	53.04	17.71	68.93	57.53	2,213.67	2,100.77	2,052.17	48.60	43.227	
9,500.00	7,167.63	6,700.00	6,599.04	54.51	17.71	68.93	57.53	2,213.67	2,168.02	2,119.55	48.47	44.725	
9,600.00	7,167.48	6,677.76	6,578.41	55.99	17.71	68.24	57.31	2,221.98	2,237.33	2,189.05	48.28	46.342	
9,700.00	7,167.34	6,668.29	6,569.54	57.48	17.71	67.94	57.22	2,225.31	2,308.84	2,260.71	48.12	47.978	
9,800.00	7,167.19	6,650.00	6,552.28	58.98	17.71	67.37	57.03	2,231.35	2,382.34	2,334.40	47.94	49.695	
9,900.00	7,167.04	6,650.00	6,552.28	60.49	17.71	67.37	57.03	2,231.35	2,457.46	2,409.64	47.82	51.388	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.21	-4.71	1,279.57	1,279.58				
100.00	100.00	103.00	97.00	3.28	3.28	90.21	-4.71	1,279.57	1,279.58	1,272.05	7.53	169.949	
200.00	200.00	197.00	197.00	3.31	3.30	90.21	-4.71	1,279.57	1,279.58	1,272.01	7.57	168.968	
300.00	300.00	267.82	267.82	3.35	3.33	44.60	-4.49	1,280.34	1,280.53	1,272.89	7.64	167.506	
400.00	399.95	337.72	337.67	3.42	3.37	44.61	-3.82	1,282.76	1,281.87	1,274.13	7.74	165.559	
500.00	499.74	400.00	399.84	3.51	3.42	44.68	-2.84	1,286.29	1,283.11	1,275.25	7.86	163.249	
600.00	599.24	477.39	476.96	3.62	3.49	44.82	-1.12	1,292.50	1,284.16	1,276.14	8.02	160.064	
700.00	698.33	547.14	546.29	3.76	3.56	45.01	0.91	1,299.81	1,285.13	1,276.92	8.21	156.547	
800.00	796.90	616.82	615.36	3.93	3.65	45.25	3.38	1,308.74	1,285.99	1,277.56	8.43	152.553	
900.00	894.81	688.50	686.14	4.14	3.76	45.56	6.40	1,319.61	1,286.79	1,278.10	8.69	148.016	
1,000.00	991.96	784.79	781.03	4.40	3.94	46.08	10.77	1,335.35	1,286.46	1,277.39	9.06	141.973	
1,100.00	1,088.23	883.68	878.49	4.71	4.14	46.77	15.25	1,351.52	1,283.84	1,274.35	9.49	135.227	
1,200.00	1,183.49	982.08	975.46	5.07	4.37	47.59	19.71	1,367.61	1,279.04	1,269.05	9.99	128.055	
1,300.00	1,278.18	1,080.17	1,072.13	5.48	4.62	48.41	24.16	1,383.65	1,273.25	1,262.72	10.54	120.858	
1,400.00	1,372.87	1,178.27	1,168.80	5.91	4.88	49.24	28.61	1,399.69	1,267.74	1,256.61	11.12	113.978	
1,500.00	1,467.57	1,276.36	1,265.47	6.37	5.15	50.07	33.06	1,415.73	1,262.49	1,250.75	11.75	107.478	
1,600.00	1,562.26	1,374.46	1,362.15	6.85	5.44	50.91	37.51	1,431.77	1,257.53	1,245.13	12.40	101.410	
1,700.00	1,656.95	1,472.55	1,458.82	7.34	5.74	51.76	41.96	1,447.81	1,252.85	1,239.76	13.08	95.754	
1,800.00	1,751.65	1,570.65	1,555.49	7.85	6.05	52.61	46.41	1,463.86	1,248.45	1,234.66	13.79	90.521	
1,900.00	1,846.34	1,668.74	1,652.16	8.13	6.36	53.47	50.86	1,479.90	1,244.34	1,230.22	14.11	88.166	
2,000.00	1,941.03	1,766.84	1,748.84	8.21	6.68	54.33	55.31	1,495.94	1,240.52	1,226.05	14.47	85.742	
2,100.00	2,035.73	1,864.94	1,845.51	8.32	6.90	55.20	59.76	1,511.98	1,236.99	1,222.40	14.60	84.749	
2,200.00	2,130.42	1,963.03	1,942.18	8.45	6.99	56.07	64.21	1,528.02	1,233.76	1,218.96	14.80	83.349	
2,300.00	2,225.11	2,061.13	2,038.85	8.60	7.04	56.95	68.66	1,544.06	1,230.83	1,215.83	15.00	82.055	
2,400.00	2,319.81	2,159.22	2,135.53	8.78	7.10	57.83	73.11	1,560.10	1,228.20	1,212.96	15.24	80.615	
2,500.00	2,414.50	2,257.32	2,232.20	8.97	7.18	58.71	77.56	1,576.14	1,225.87	1,210.36	15.51	79.054	
2,600.00	2,509.19	2,355.41	2,328.87	9.19	7.27	59.60	82.00	1,592.18	1,223.84	1,208.03	15.81	77.397	
2,700.00	2,603.88	2,453.51	2,425.54	9.42	7.37	60.49	86.45	1,608.22	1,222.12	1,205.97	16.15	75.667	
2,800.00	2,698.58	2,551.60	2,522.22	9.66	7.49	61.38	90.90	1,624.26	1,220.71	1,204.19	16.52	73.889	
2,900.00	2,793.27	2,649.70	2,618.89	9.93	7.62	62.28	95.35	1,640.30	1,219.60	1,202.68	16.92	72.082	
3,000.00	2,887.96	2,747.79	2,715.56	10.20	7.76	63.17	99.80	1,656.34	1,218.80	1,201.46	17.35	70.266	
3,100.00	2,982.66	2,845.89	2,812.23	10.49	7.92	64.07	104.25	1,672.38	1,218.32	1,200.52	17.80	68.455	
3,200.00	3,077.35	2,943.98	2,908.91	10.79	8.08	64.96	108.70	1,688.42	1,218.14	1,199.86	18.27	66.665	
3,207.64	3,084.58	2,951.48	2,916.29	10.81	8.10	65.03	109.04	1,689.65	1,218.14	1,199.83	18.31	66.528	
3,300.00	3,172.04	3,042.08	3,005.58	11.10	8.26	65.86	113.15	1,704.46	1,218.27	1,199.50	18.77	64.904	
3,400.00	3,266.74	3,140.17	3,102.25	11.42	8.44	66.75	117.60	1,720.50	1,218.71	1,199.42	19.29	63.184	
3,500.00	3,361.43	3,238.27	3,198.92	11.75	8.63	67.65	122.05	1,736.54	1,219.46	1,199.63	19.83	61.510	
3,600.00	3,456.12	3,336.36	3,295.60	12.09	8.83	68.54	126.50	1,752.58	1,220.52	1,200.14	20.38	59.887	
3,700.00	3,550.81	3,434.46	3,392.27	12.44	9.04	69.43	130.95	1,768.62	1,221.88	1,200.93	20.95	58.320	
3,800.00	3,645.51	3,532.55	3,488.94	12.79	9.25	70.32	135.40	1,784.66	1,223.56	1,202.02	21.54	56.810	
3,900.00	3,740.20	3,630.65	3,585.61	13.15	9.48	71.21	139.85	1,800.71	1,225.54	1,203.40	22.14	55.359	
4,000.00	3,834.89	3,728.74	3,682.29	13.52	9.70	72.10	144.30	1,816.75	1,227.82	1,205.07	22.75	53.968	
4,100.00	3,929.59	3,826.84	3,778.96	13.89	9.94	72.98	148.74	1,832.79	1,230.41	1,207.03	23.38	52.636	
4,200.00	4,024.28	3,924.93	3,875.63	14.26	10.17	73.85	153.19	1,848.83	1,233.29	1,209.28	24.01	51.362	
4,300.00	4,118.97	4,023.03	3,972.30	14.65	10.42	74.73	157.64	1,864.87	1,236.48	1,211.82	24.66	50.145	
4,400.00	4,213.67	4,121.12	4,068.98	15.03	10.67	75.60	162.09	1,880.91	1,239.96	1,214.65	25.31	48.985	
4,500.00	4,308.36	4,219.22	4,165.65	15.42	10.92	76.46	166.54	1,896.95	1,243.74	1,217.76	25.98	47.879	
4,600.00	4,403.05	4,317.31	4,262.32	15.81	11.18	77.32	170.99	1,912.99	1,247.80	1,221.15	26.65	46.824	
4,700.00	4,497.74	4,415.41	4,358.99	16.21	11.44	78.17	175.44	1,929.03	1,252.16	1,224.83	27.33	45.821	
4,800.00	4,592.44	4,513.50	4,455.67	16.61	11.70	79.02	179.89	1,945.07	1,256.80	1,228.78	28.01	44.865	
4,900.00	4,687.13	4,611.60	4,552.34	17.01	11.97	79.86	184.34	1,961.11	1,261.72	1,233.01	28.70	43.955	
5,000.00	4,781.82	4,709.69	4,649.01	17.42	12.24	80.69	188.79	1,977.15	1,266.92	1,237.52	29.40	43.090	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	4,876.52	4,807.79	4,745.68	17.83	12.51	81.52	193.24	1,993.19	1,272.39	1,242.29	30.10	42.267	
5,200.00	4,971.21	4,905.88	4,842.36	18.24	12.79	82.34	197.69	2,009.23	1,278.14	1,247.33	30.81	41.483	
5,300.00	5,065.90	5,003.98	4,939.03	18.65	13.06	83.15	202.14	2,025.27	1,284.16	1,252.63	31.52	40.738	
5,400.00	5,160.60	5,102.07	5,035.70	19.07	13.35	83.96	206.59	2,041.31	1,290.44	1,258.20	32.24	40.029	
5,500.00	5,255.29	5,200.17	5,132.37	19.48	13.63	84.76	211.03	2,057.35	1,296.98	1,264.02	32.96	39.355	
5,600.00	5,349.98	5,301.74	5,229.05	19.90	13.92	85.55	215.48	2,073.39	1,303.77	1,270.09	33.69	38.702	
5,700.00	5,444.67	5,403.64	5,325.72	20.32	14.22	86.33	219.93	2,089.43	1,310.82	1,276.40	34.42	38.079	
5,800.00	5,539.37	5,494.46	5,422.39	20.74	14.49	87.10	224.38	2,105.47	1,318.12	1,282.99	35.13	37.521	
5,900.00	5,634.06	5,607.45	5,519.06	21.17	14.82	87.87	228.83	2,121.51	1,325.66	1,289.76	35.90	36.924	
6,000.00	5,728.75	5,709.35	5,615.73	21.59	15.13	88.63	233.28	2,137.55	1,333.45	1,296.80	36.65	36.387	
6,100.00	5,823.45	5,788.74	5,712.41	22.02	15.36	89.37	237.73	2,153.60	1,341.47	1,304.14	37.33	35.939	
6,200.00	5,918.14	5,886.84	5,809.08	22.45	15.66	90.11	242.18	2,169.64	1,349.72	1,311.66	38.06	35.461	
6,300.00	6,012.83	5,984.93	5,905.75	22.88	15.96	90.85	246.63	2,185.68	1,358.20	1,319.40	38.80	35.006	
6,400.00	6,107.53	6,083.03	6,002.42	23.31	16.25	91.57	251.08	2,201.72	1,366.90	1,327.36	39.54	34.572	
6,500.00	6,202.22	6,181.12	6,099.10	23.74	16.55	92.28	255.53	2,217.76	1,375.82	1,335.54	40.28	34.158	
6,600.00	6,296.91	7,963.81	7,182.48	24.17	20.89	143.71	297.86	1,328.60	1,354.72	1,314.34	40.37	33.555	
6,700.00	6,391.60	7,937.65	7,183.32	24.60	20.68	142.53	298.09	1,354.74	1,312.70	1,271.41	41.29	31.792	
6,800.00	6,486.30	7,911.50	7,184.15	25.04	20.48	141.34	298.31	1,380.88	1,276.61	1,234.43	42.18	30.265	
6,900.00	6,580.99	7,885.34	7,184.98	25.47	20.29	140.14	298.53	1,407.02	1,246.96	1,203.93	43.03	28.976	
7,000.00	6,675.68	7,859.19	7,185.81	25.91	20.11	138.94	298.75	1,433.16	1,224.23	1,180.41	43.82	27.938	
7,100.00	6,769.01	7,828.10	7,186.80	26.37	19.90	126.75	299.01	1,464.24	1,209.01	1,164.52	44.49	27.178	
7,200.00	6,857.00	7,782.79	7,188.24	26.93	19.61	117.22	299.40	1,509.53	1,201.46	1,156.42	45.04	26.673	
7,268.35	6,912.94	7,744.04	7,189.47	27.39	19.40	112.29	299.72	1,548.25	1,200.12	1,154.72	45.41	26.431	CC, ES
7,300.00	6,937.46	7,724.11	7,190.11	27.60	19.29	110.26	299.89	1,568.17	1,200.38	1,154.84	45.54	26.357	
7,400.00	7,008.38	7,650.61	7,192.29	28.37	18.93	104.48	300.51	1,641.63	1,203.96	1,157.93	46.03	26.157	
7,500.00	7,068.02	7,561.22	7,186.94	29.23	18.60	99.22	300.90	1,730.79	1,209.74	1,163.16	46.58	25.971	
7,600.00	7,114.92	7,479.73	7,171.23	30.17	18.36	94.89	300.75	1,810.70	1,216.63	1,169.45	47.17	25.792	
7,700.00	7,147.92	7,403.87	7,147.56	31.17	18.20	91.28	300.20	1,882.72	1,224.05	1,176.28	47.77	25.625	
7,800.00	7,166.21	7,332.15	7,117.47	32.22	18.10	88.29	299.31	1,947.78	1,231.40	1,183.04	48.35	25.467	
7,900.00	7,169.96	7,263.82	7,082.17	33.29	18.05	86.06	298.14	2,006.23	1,238.24	1,189.35	48.90	25.323	
8,000.00	7,169.81	7,200.00	7,043.73	34.40	18.03	84.29	296.77	2,057.12	1,247.68	1,198.32	49.36	25.276	SF
8,100.00	7,169.67	7,150.00	7,010.17	35.55	18.03	82.76	295.52	2,094.15	1,261.50	1,211.81	49.70	25.384	
8,200.00	7,169.52	7,100.00	6,973.81	36.73	18.03	81.12	294.14	2,128.42	1,280.28	1,230.37	49.91	25.649	
8,300.00	7,169.38	7,065.89	6,947.52	37.96	18.04	79.95	293.11	2,150.12	1,304.29	1,254.29	50.00	26.084	
8,400.00	7,169.23	7,032.12	6,920.39	39.21	18.05	78.75	292.03	2,170.18	1,333.71	1,283.72	49.99	26.682	
8,500.00	7,169.08	7,000.00	6,893.62	40.50	18.06	77.57	290.96	2,187.91	1,368.49	1,318.62	49.87	27.439	
8,600.00	7,168.94	6,977.19	6,874.09	41.81	18.06	76.73	290.16	2,199.66	1,408.47	1,358.78	49.69	28.344	
8,700.00	7,168.79	6,950.00	6,850.28	43.15	18.06	75.70	289.19	2,212.75	1,453.44	1,403.99	49.44	29.397	
8,800.00	7,168.65	6,934.86	6,836.78	44.51	18.06	75.13	288.63	2,219.59	1,503.02	1,453.85	49.17	30.566	
8,900.00	7,168.50	6,917.24	6,820.87	45.89	18.06	74.45	287.97	2,227.14	1,556.94	1,508.07	48.87	31.861	
9,000.00	7,168.36	6,900.00	6,805.12	47.29	18.06	73.79	287.31	2,234.10	1,614.82	1,566.28	48.54	33.266	
9,100.00	7,168.21	6,900.00	6,805.12	48.70	18.06	73.79	287.31	2,234.10	1,676.45	1,628.18	48.27	34.730	
9,200.00	7,168.06	6,874.69	6,781.66	50.13	18.06	72.81	286.33	2,243.55	1,741.11	1,693.21	47.91	36.345	
9,300.00	7,167.92	6,850.00	6,758.43	51.58	18.05	71.85	285.34	2,251.85	1,809.02	1,761.48	47.54	38.053	
9,400.00	7,167.77	6,850.00	6,758.43	53.04	18.05	71.85	285.34	2,251.85	1,879.32	1,832.03	47.29	39.742	
9,500.00	7,167.63	6,850.00	6,758.43	54.51	18.05	71.85	285.34	2,251.85	1,952.21	1,905.16	47.05	41.493	
9,600.00	7,167.48	6,850.00	6,758.43	55.99	18.05	71.85	285.34	2,251.85	2,027.42	1,980.59	46.82	43.298	
9,700.00	7,167.34	6,826.44	6,735.98	57.48	18.04	70.94	284.39	2,258.93	2,104.20	2,057.69	46.51	45.242	
9,800.00	7,167.19	6,819.05	6,728.88	58.98	18.04	70.66	284.08	2,260.98	2,182.96	2,136.68	46.28	47.166	
9,900.00	7,167.04	6,800.00	6,710.50	60.49	18.03	69.92	283.29	2,265.88	2,263.45	2,217.43	46.02	49.187	
10,000.00	7,166.90	6,800.00	6,710.50	62.01	18.03	69.92	283.29	2,265.88	2,345.14	2,299.28	45.86	51.140	
10,100.00	7,166.75	6,800.00	6,710.50	63.54	18.03	69.92	283.29	2,265.88	2,428.20	2,382.49	45.71	53.120	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	90.20	-3.98	1,159.58	1,159.58				
100.00	100.00	103.00	97.00	3.28	3.28	90.20	-3.98	1,159.58	1,159.58	1,152.05	7.53	154.011	
200.00	200.00	203.00	197.00	3.31	3.31	90.20	-3.98	1,159.58	1,159.58	1,152.01	7.57	153.082	
300.00	300.00	285.09	285.09	3.35	3.34	44.61	-4.10	1,159.76	1,159.67	1,152.02	7.65	151.520	
400.00	399.95	359.67	359.65	3.42	3.38	44.73	-5.13	1,161.33	1,159.68	1,151.93	7.76	149.536	
500.00	499.74	434.05	433.92	3.51	3.43	45.01	-7.22	1,164.52	1,159.43	1,151.54	7.89	147.025	
600.00	599.24	508.07	507.72	3.62	3.50	45.42	-10.34	1,169.30	1,158.95	1,150.90	8.05	144.012	
700.00	698.33	581.59	580.85	3.76	3.58	45.98	-14.48	1,175.62	1,158.35	1,150.10	8.24	140.516	
800.00	796.90	654.48	653.14	3.93	3.67	46.66	-19.59	1,183.43	1,157.72	1,149.24	8.48	136.583	
900.00	894.81	726.60	724.40	4.14	3.79	47.47	-25.64	1,192.67	1,157.21	1,148.46	8.75	132.270	
1,000.00	991.96	800.00	796.63	4.40	3.93	48.43	-32.80	1,203.62	1,156.97	1,147.90	9.07	127.547	
1,100.00	1,088.23	885.95	880.90	4.71	4.12	49.70	-42.05	1,217.75	1,156.67	1,147.19	9.48	121.960	
1,200.00	1,183.49	980.63	973.73	5.07	4.35	51.23	-52.27	1,233.37	1,155.02	1,145.04	9.99	115.654	
1,300.00	1,278.18	1,074.83	1,066.07	5.48	4.61	52.80	-62.44	1,248.91	1,153.17	1,142.62	10.55	109.349	
1,400.00	1,372.87	1,169.02	1,158.42	5.91	4.89	54.37	-72.60	1,264.45	1,152.28	1,141.13	11.15	103.359	
1,440.41	1,411.14	1,207.09	1,195.74	6.10	5.01	55.01	-76.71	1,270.73	1,152.20	1,140.80	11.40	101.062 CC	
1,500.00	1,467.57	1,263.22	1,250.77	6.37	5.18	55.94	-82.77	1,279.99	1,152.37	1,140.59	11.79	97.755 ES	
1,600.00	1,562.26	1,357.41	1,343.11	6.85	5.49	57.51	-92.94	1,295.53	1,153.45	1,140.99	12.46	92.571	
1,700.00	1,656.95	1,451.61	1,435.46	7.34	5.81	59.08	-103.11	1,311.07	1,155.49	1,142.34	13.16	87.823	
1,800.00	1,751.65	1,545.81	1,527.81	7.85	6.14	60.64	-113.27	1,326.60	1,158.51	1,144.63	13.88	83.467	
1,900.00	1,846.34	1,640.00	1,620.16	8.13	6.47	62.19	-123.44	1,342.14	1,162.49	1,148.29	14.20	81.862	
2,000.00	1,941.03	1,734.20	1,712.50	8.21	6.82	63.74	-133.61	1,357.68	1,167.42	1,152.87	14.55	80.253	
2,100.00	2,035.73	1,828.39	1,804.85	8.32	7.12	65.27	-143.78	1,373.22	1,173.29	1,158.58	14.71	79.760	
2,200.00	2,130.42	1,922.59	1,897.20	8.45	7.28	66.78	-153.94	1,388.76	1,180.09	1,165.13	14.95	78.920	
2,300.00	2,225.11	2,016.78	1,989.54	8.60	7.32	68.28	-164.11	1,404.30	1,187.79	1,172.66	15.13	78.490	
2,400.00	2,319.81	2,110.98	2,081.89	8.78	7.38	69.76	-174.28	1,419.84	1,196.39	1,181.04	15.35	77.940	
2,500.00	2,414.50	2,205.18	2,174.24	8.97	7.46	71.22	-184.45	1,435.38	1,205.87	1,190.27	15.60	77.287	
2,600.00	2,509.19	2,300.63	2,266.58	9.19	7.56	72.66	-194.61	1,450.92	1,216.20	1,200.31	15.89	76.541	
2,700.00	2,603.88	2,406.43	2,358.93	9.42	7.68	74.08	-204.78	1,466.46	1,227.35	1,211.14	16.22	75.676	
2,800.00	2,698.58	2,487.76	2,451.28	9.66	7.79	75.47	-214.95	1,482.00	1,239.32	1,222.77	16.56	74.859	
2,900.00	2,793.27	2,581.96	2,543.63	9.93	7.92	76.84	-225.12	1,497.54	1,252.08	1,235.15	16.93	73.950	
3,000.00	2,887.96	2,676.15	2,635.97	10.20	8.07	78.18	-235.28	1,513.08	1,265.60	1,248.26	17.33	73.016	
3,100.00	2,982.66	2,770.35	2,728.32	10.49	8.23	79.50	-245.45	1,528.62	1,279.85	1,262.09	17.76	72.067	
3,200.00	3,077.35	2,864.55	2,820.67	10.79	8.40	80.78	-255.62	1,544.15	1,294.82	1,276.61	18.21	71.116	
3,300.00	3,172.04	2,958.74	2,913.01	11.10	8.58	82.05	-265.79	1,559.69	1,310.48	1,291.80	18.68	70.169	
3,400.00	3,266.74	3,052.94	3,005.36	11.42	8.77	83.28	-275.96	1,575.23	1,326.80	1,307.64	19.16	69.235	
3,500.00	3,361.43	3,147.13	3,097.71	11.75	8.97	84.48	-286.12	1,590.77	1,343.76	1,324.10	19.67	68.319	
3,600.00	3,456.12	3,241.33	3,190.06	12.09	9.18	85.66	-296.29	1,606.31	1,361.34	1,341.15	20.19	67.426	
3,700.00	3,550.81	3,335.52	3,282.40	12.44	9.40	86.81	-306.46	1,621.85	1,379.52	1,358.79	20.73	66.559	
3,800.00	3,645.51	3,429.72	3,374.75	12.79	9.63	87.93	-316.63	1,637.39	1,398.26	1,376.99	21.28	65.721	
3,900.00	3,740.20	3,523.92	3,467.10	13.15	9.86	89.03	-326.79	1,652.93	1,417.55	1,395.72	21.84	64.912	
4,000.00	3,834.89	3,618.11	3,559.44	13.52	10.10	90.09	-336.96	1,668.47	1,437.37	1,414.96	22.41	64.135	
4,100.00	3,929.59	3,712.31	3,651.79	13.89	10.34	91.13	-347.13	1,684.01	1,457.69	1,434.69	23.00	63.390	
4,200.00	4,024.28	3,806.50	3,744.14	14.26	10.59	92.15	-357.30	1,699.55	1,478.49	1,454.91	23.59	62.677	
4,300.00	4,118.97	3,900.70	3,836.48	14.65	10.85	93.13	-367.46	1,715.09	1,499.76	1,475.57	24.19	61.994	
4,400.00	4,213.67	4,005.11	3,928.83	15.03	11.13	94.09	-377.63	1,730.63	1,521.47	1,496.64	24.83	61.281	
4,500.00	4,308.36	4,089.09	4,021.18	15.42	11.37	95.03	-387.80	1,746.17	1,543.61	1,518.18	25.42	60.720	
4,600.00	4,403.05	4,183.29	4,113.53	15.81	11.64	95.94	-397.97	1,761.70	1,566.15	1,540.10	26.05	60.127	
4,700.00	4,497.74	4,277.48	4,205.87	16.21	11.91	96.82	-408.13	1,777.24	1,589.08	1,562.40	26.68	59.562	
4,800.00	4,592.44	4,371.68	4,298.22	16.61	12.19	97.68	-418.30	1,792.78	1,612.39	1,585.07	27.32	59.025	
4,900.00	4,687.13	4,465.87	4,390.57	17.01	12.47	98.52	-428.47	1,808.32	1,636.05	1,608.09	27.96	58.513	
5,000.00	4,781.82	4,560.07	4,482.91	17.42	12.76	99.34	-438.64	1,823.86	1,660.05	1,631.44	28.61	58.026	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	4,876.52	4,654.26	4,575.26	17.83	13.04	100.13	-448.80	1,839.40	1,684.38	1,655.12	29.26	57.562	
5,200.00	4,971.21	4,748.46	4,667.61	18.24	13.33	100.90	-458.97	1,854.94	1,709.03	1,679.11	29.92	57.121	
5,300.00	5,065.90	4,842.66	4,759.96	18.65	13.62	101.66	-469.14	1,870.48	1,733.97	1,703.39	30.58	56.701	
5,400.00	5,160.60	4,936.85	4,852.30	19.07	13.92	102.39	-479.31	1,886.02	1,759.20	1,727.95	31.25	56.301	
5,500.00	5,255.29	5,031.05	4,944.65	19.48	14.22	103.10	-489.47	1,901.56	1,784.71	1,752.79	31.92	55.920	
5,600.00	5,349.98	5,125.24	5,037.00	19.90	14.51	103.79	-499.64	1,917.10	1,810.48	1,777.89	32.59	55.557	
5,700.00	5,444.67	5,219.44	5,129.34	20.32	14.82	104.46	-509.81	1,932.64	1,836.50	1,803.23	33.26	55.211	
5,800.00	5,539.37	5,313.63	5,221.69	20.74	15.12	105.12	-519.98	1,948.18	1,862.76	1,828.82	33.94	54.881	
5,900.00	5,634.06	5,407.83	5,314.04	21.17	15.42	105.76	-530.14	1,963.72	1,889.25	1,854.63	34.62	54.567	
6,000.00	5,728.75	5,502.02	5,406.38	21.59	15.73	106.38	-540.31	1,979.25	1,915.97	1,880.66	35.31	54.267	
6,100.00	5,823.45	5,603.78	5,498.73	22.02	16.06	106.98	-550.48	1,994.79	1,942.90	1,906.88	36.01	53.947	
6,200.00	5,918.14	5,709.58	5,591.08	22.45	16.41	107.57	-560.65	2,010.33	1,970.03	1,933.29	36.74	53.624	
6,300.00	6,012.83	5,784.61	5,683.43	22.88	16.66	108.15	-570.81	2,025.87	1,997.36	1,959.99	37.37	53.446	
6,400.00	6,107.53	5,878.81	5,775.77	23.31	16.97	108.70	-580.98	2,041.41	2,024.88	1,986.81	38.06	53.196	
6,500.00	6,202.22	5,973.00	5,868.12	23.74	17.29	109.25	-591.15	2,056.95	2,052.58	2,013.82	38.76	52.957	
6,600.00	6,296.91	6,067.20	5,960.47	24.17	17.60	109.78	-601.32	2,072.49	2,080.45	2,040.99	39.46	52.728	
6,700.00	6,391.60	6,161.39	6,052.81	24.60	17.92	110.29	-611.49	2,088.03	2,108.48	2,068.33	40.15	52.509	
6,800.00	6,486.30	6,255.59	6,145.16	25.04	18.24	110.80	-621.65	2,103.57	2,136.68	2,095.82	40.85	52.300	
6,900.00	6,580.99	6,349.79	6,237.51	25.47	18.55	111.29	-631.82	2,119.11	2,165.03	2,123.47	41.56	52.099	
7,000.00	6,675.68	6,443.98	6,329.86	25.91	18.87	111.77	-641.99	2,134.65	2,193.52	2,151.26	42.26	51.906	
7,100.00	6,769.01	6,537.69	6,421.72	26.37	19.19	98.69	-652.10	2,150.11	2,220.13	2,177.15	42.99	51.647	
7,200.00	6,857.00	6,628.68	6,510.93	26.93	19.50	89.56	-661.92	2,165.12	2,240.78	2,196.97	43.81	51.148	
7,300.00	6,937.46	7,082.07	6,950.89	27.60	20.17	91.84	-711.23	2,122.19	2,253.64	2,208.10	45.53	49.495	
7,400.00	7,008.38	7,238.02	7,081.13	28.37	20.13	92.64	-726.35	2,038.47	2,253.96	2,207.75	46.21	48.777	
7,500.00	7,068.02	7,221.88	7,068.65	29.23	20.14	90.27	-724.88	2,048.59	2,254.29	2,207.27	47.03	47.937	
7,600.00	7,114.92	7,186.22	7,040.19	30.17	20.15	88.08	-721.56	2,069.81	2,254.70	2,206.82	47.88	47.090	
7,700.00	7,147.92	7,144.73	7,005.65	31.17	20.16	86.29	-717.54	2,092.44	2,254.73	2,205.99	48.74	46.256	
7,800.00	7,166.21	7,100.89	6,967.65	32.22	20.17	84.91	-713.16	2,113.82	2,253.94	2,204.34	49.60	45.443	
7,900.00	7,169.96	7,056.55	6,927.81	33.29	20.16	83.90	-708.58	2,132.73	2,252.11	2,201.69	50.42	44.663	
7,934.50	7,169.91	7,043.00	6,915.38	33.67	20.16	83.59	-707.16	2,137.94	2,251.89	2,201.18	50.71	44.408	
8,000.00	7,169.81	7,020.67	6,894.68	34.40	20.15	83.06	-704.79	2,145.95	2,252.72	2,201.49	51.23	43.973	
8,100.00	7,169.67	6,993.23	6,868.86	35.55	20.14	82.40	-701.85	2,154.79	2,257.27	2,205.25	52.02	43.393	
8,200.00	7,169.52	6,971.63	6,848.29	36.73	20.13	81.87	-699.52	2,160.95	2,265.91	2,213.12	52.79	42.926	
8,300.00	7,169.38	6,950.00	6,827.50	37.96	20.12	81.34	-697.16	2,166.41	2,278.68	2,225.16	53.51	42.582	
8,400.00	7,169.23	6,939.92	6,817.75	39.21	20.11	81.09	-696.06	2,168.71	2,295.55	2,241.32	54.24	42.325	
8,500.00	7,169.08	6,927.97	6,806.14	40.50	20.10	80.79	-694.75	2,171.24	2,316.51	2,261.60	54.91	42.191	
8,600.00	7,168.94	6,917.84	6,796.27	41.81	20.09	80.54	-693.64	2,173.21	2,341.45	2,285.92	55.53	42.163 SF	
8,700.00	7,168.79	6,900.00	6,778.81	43.15	20.07	80.10	-691.67	2,176.30	2,370.32	2,314.25	56.07	42.273	
8,800.00	7,168.65	6,900.00	6,778.81	44.51	20.07	80.10	-691.67	2,176.30	2,402.87	2,346.22	56.65	42.417	
8,900.00	7,168.50	6,900.00	6,778.81	45.89	20.07	80.10	-691.67	2,176.30	2,439.09	2,381.91	57.17	42.660	
9,000.00	7,168.36	6,900.00	6,778.81	47.29	20.07	80.10	-691.67	2,176.30	2,478.82	2,421.16	57.65	42.996	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.19	-3.98	1,179.62	1,179.63				
100.00	100.00	103.00	97.00	3.28	3.28	90.19	-3.98	1,179.62	1,179.63	1,172.10	7.53	156.674	
200.00	200.00	197.00	197.00	3.31	3.30	90.19	-3.98	1,179.62	1,179.63	1,172.05	7.57	155.770	CC
300.00	300.00	270.63	270.62	3.35	3.33	44.61	-4.35	1,180.41	1,180.56	1,172.91	7.64	154.427	
400.00	399.95	343.35	343.29	3.42	3.37	44.72	-5.51	1,182.87	1,181.84	1,174.09	7.74	152.634	
500.00	499.74	415.87	415.67	3.51	3.42	44.96	-7.44	1,186.98	1,182.96	1,175.09	7.87	150.335	
600.00	599.24	488.08	487.60	3.62	3.49	45.32	-10.14	1,192.72	1,183.97	1,175.95	8.03	147.521	
700.00	698.33	559.87	558.92	3.76	3.56	45.79	-13.59	1,200.05	1,184.94	1,176.73	8.22	144.221	
800.00	796.90	631.13	629.51	3.93	3.66	46.38	-17.77	1,208.92	1,185.96	1,177.52	8.44	140.486	
900.00	894.81	700.00	697.47	4.14	3.77	47.06	-22.51	1,219.00	1,187.13	1,178.43	8.70	136.416	
1,000.00	991.96	783.98	780.01	4.40	3.93	48.03	-29.10	1,232.99	1,188.35	1,179.30	9.05	131.343	
1,100.00	1,088.23	880.31	874.63	4.71	4.15	49.28	-36.78	1,249.33	1,188.12	1,178.64	9.48	125.270	
1,200.00	1,183.49	975.87	968.50	5.07	4.39	50.66	-44.40	1,265.53	1,186.28	1,176.29	9.98	118.820	
1,300.00	1,278.18	1,070.98	1,061.93	5.48	4.65	52.08	-51.99	1,281.65	1,184.04	1,173.50	10.54	112.360	
1,400.00	1,372.87	1,166.10	1,155.36	5.91	4.92	53.50	-59.58	1,297.78	1,182.60	1,171.47	11.13	106.208	
1,500.00	1,467.57	1,261.22	1,248.79	6.37	5.21	54.92	-67.17	1,313.91	1,181.97	1,170.20	11.77	100.433	
1,528.46	1,494.51	1,288.28	1,275.38	6.51	5.30	55.33	-69.33	1,318.50	1,181.94	1,169.98	11.95	98.871	
1,600.00	1,562.26	1,356.33	1,342.22	6.85	5.52	56.34	-74.75	1,330.04	1,182.14	1,169.71	12.43	95.095	ES
1,700.00	1,656.95	1,451.45	1,435.65	7.34	5.83	57.77	-82.34	1,346.16	1,183.12	1,170.00	13.12	90.144	
1,800.00	1,751.65	1,546.56	1,529.08	7.85	6.15	59.19	-89.93	1,362.29	1,184.91	1,171.06	13.84	85.603	
1,900.00	1,846.34	1,641.68	1,622.51	8.13	6.48	60.60	-97.52	1,378.42	1,187.49	1,173.33	14.16	83.863	
2,000.00	1,941.03	1,736.79	1,715.94	8.21	6.82	62.01	-105.11	1,394.54	1,190.87	1,176.36	14.51	82.099	
2,100.00	2,035.73	1,831.91	1,809.38	8.32	7.11	63.41	-112.69	1,410.67	1,195.04	1,180.37	14.67	81.488	
2,200.00	2,130.42	1,927.02	1,902.81	8.45	7.26	64.80	-120.28	1,426.80	1,199.98	1,185.08	14.91	80.505	
2,300.00	2,225.11	2,022.14	1,996.24	8.60	7.30	66.18	-127.87	1,442.92	1,205.70	1,190.61	15.09	79.896	
2,400.00	2,319.81	2,117.25	2,089.67	8.78	7.36	67.54	-135.46	1,459.05	1,212.18	1,196.86	15.31	79.159	
2,500.00	2,414.50	2,212.37	2,183.10	8.97	7.44	68.90	-143.04	1,475.18	1,219.40	1,203.83	15.57	78.311	
2,600.00	2,509.19	2,307.49	2,276.53	9.19	7.53	70.23	-150.63	1,491.31	1,227.36	1,211.50	15.86	77.377	
2,700.00	2,603.88	2,402.60	2,369.96	9.42	7.64	71.55	-158.22	1,507.43	1,236.04	1,219.85	16.19	76.360	
2,800.00	2,698.58	2,502.28	2,463.39	9.66	7.76	72.86	-165.81	1,523.56	1,245.42	1,228.87	16.55	75.271	
2,900.00	2,793.27	2,607.17	2,556.82	9.93	7.91	74.14	-173.40	1,539.69	1,255.49	1,238.55	16.94	74.112	
3,000.00	2,887.96	2,687.95	2,650.25	10.20	8.03	75.41	-180.98	1,555.81	1,266.24	1,248.90	17.33	73.053	
3,100.00	2,982.66	2,783.06	2,743.68	10.49	8.19	76.65	-188.57	1,571.94	1,277.64	1,259.87	17.77	71.913	
3,200.00	3,077.35	2,878.18	2,837.11	10.79	8.35	77.88	-196.16	1,588.07	1,289.67	1,271.45	18.22	70.775	
3,300.00	3,172.04	2,973.29	2,930.54	11.10	8.53	79.08	-203.75	1,604.19	1,302.33	1,283.64	18.70	69.647	
3,400.00	3,266.74	3,068.41	3,023.98	11.42	8.72	80.26	-211.34	1,620.32	1,315.60	1,296.40	19.20	68.538	
3,500.00	3,361.43	3,163.53	3,117.41	11.75	8.91	81.42	-218.92	1,636.45	1,329.44	1,309.73	19.71	67.454	
3,600.00	3,456.12	3,258.64	3,210.84	12.09	9.12	82.56	-226.51	1,652.58	1,343.86	1,323.62	20.24	66.399	
3,700.00	3,550.81	3,353.76	3,304.27	12.44	9.33	83.67	-234.10	1,668.70	1,358.82	1,338.04	20.78	65.378	
3,800.00	3,645.51	3,448.87	3,397.70	12.79	9.55	84.76	-241.69	1,684.83	1,374.31	1,352.97	21.34	64.392	
3,900.00	3,740.20	3,543.99	3,491.13	13.15	9.77	85.83	-249.27	1,700.96	1,390.32	1,368.40	21.91	63.443	
4,000.00	3,834.89	3,639.10	3,584.56	13.52	10.01	86.88	-256.86	1,717.08	1,406.82	1,384.32	22.50	62.532	
4,100.00	3,929.59	3,734.22	3,677.99	13.89	10.25	87.90	-264.45	1,733.21	1,423.80	1,400.71	23.09	61.660	
4,200.00	4,024.28	3,829.33	3,771.42	14.26	10.49	88.90	-272.04	1,749.34	1,441.24	1,417.55	23.69	60.826	
4,300.00	4,118.97	3,924.45	3,864.85	14.65	10.74	89.88	-279.63	1,765.46	1,459.13	1,434.82	24.31	60.030	
4,400.00	4,213.67	4,019.57	3,958.28	15.03	11.00	90.83	-287.21	1,781.59	1,477.44	1,452.51	24.93	59.270	
4,500.00	4,308.36	4,114.68	4,051.71	15.42	11.26	91.76	-294.80	1,797.72	1,496.17	1,470.61	25.56	58.546	
4,600.00	4,403.05	4,209.80	4,145.14	15.81	11.52	92.67	-302.39	1,813.85	1,515.29	1,489.10	26.19	57.857	
4,700.00	4,497.74	4,304.91	4,238.58	16.21	11.79	93.56	-309.98	1,829.97	1,534.80	1,507.97	26.83	57.201	
4,800.00	4,592.44	4,400.03	4,332.01	16.61	12.06	94.43	-317.57	1,846.10	1,554.67	1,527.20	27.48	56.577	
4,900.00	4,687.13	4,504.86	4,425.44	17.01	12.36	95.28	-325.15	1,862.23	1,574.90	1,546.75	28.16	55.933	
5,000.00	4,781.82	4,609.74	4,518.87	17.42	12.67	96.10	-332.74	1,878.35	1,595.48	1,566.63	28.84	55.320	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,876.52	4,685.37	4,612.30	17.83	12.89	96.91	-340.33	1,894.48	1,616.37	1,586.92	29.45	54.882		
5,200.00	4,971.21	4,780.49	4,705.73	18.24	13.18	97.70	-347.92	1,910.61	1,637.59	1,607.47	30.12	54.372		
5,300.00	5,065.90	4,875.61	4,799.16	18.65	13.46	98.46	-355.50	1,926.73	1,659.11	1,628.32	30.79	53.887		
5,400.00	5,160.60	4,970.72	4,892.59	19.07	13.75	99.21	-363.09	1,942.86	1,680.91	1,649.45	31.46	53.425		
5,500.00	5,255.29	5,065.84	4,986.02	19.48	14.04	99.94	-370.68	1,958.99	1,703.00	1,670.86	32.14	52.986		
5,600.00	5,349.98	5,160.95	5,079.45	19.90	14.34	100.65	-378.27	1,975.11	1,725.36	1,692.54	32.82	52.568		
5,700.00	5,444.67	5,256.07	5,172.88	20.32	14.63	101.35	-385.86	1,991.24	1,747.98	1,714.47	33.51	52.170		
5,800.00	5,539.37	5,351.18	5,266.31	20.74	14.93	102.03	-393.44	2,007.37	1,770.85	1,736.65	34.19	51.791		
5,900.00	5,634.06	5,446.30	5,359.74	21.17	15.23	102.69	-401.03	2,023.50	1,793.95	1,759.07	34.88	51.431		
6,000.00	5,728.75	5,541.41	5,453.18	21.59	15.53	103.33	-408.62	2,039.62	1,817.29	1,781.72	35.57	51.087		
6,100.00	5,823.45	5,636.53	5,546.61	22.02	15.83	103.96	-416.21	2,055.75	1,840.85	1,804.58	36.27	50.759		
6,200.00	5,918.14	5,731.64	5,640.04	22.45	16.14	104.58	-423.79	2,071.88	1,864.62	1,827.66	36.96	50.447		
6,300.00	6,012.83	5,826.76	5,733.47	22.88	16.44	105.18	-431.38	2,088.00	1,888.60	1,850.94	37.66	50.148		
6,400.00	6,107.53	5,921.88	5,826.90	23.31	16.75	105.76	-438.97	2,104.13	1,912.78	1,874.42	38.36	49.864		
6,500.00	6,202.22	6,016.99	5,920.33	23.74	17.06	106.33	-446.56	2,120.26	1,937.14	1,898.08	39.06	49.592		
6,600.00	6,296.91	6,112.11	6,013.76	24.17	17.37	106.89	-454.15	2,136.38	1,961.69	1,921.93	39.77	49.332		
6,700.00	6,391.60	6,207.22	6,107.19	24.60	17.68	107.43	-461.73	2,152.51	1,986.42	1,945.95	40.47	49.084		
6,800.00	6,486.30	6,302.34	6,200.62	25.04	17.99	107.96	-469.32	2,168.64	2,011.32	1,970.14	41.18	48.846		
6,900.00	6,580.99	7,749.28	7,113.22	25.47	19.87	136.61	-549.19	1,411.03	2,009.53	1,966.30	43.23	46.486		
6,974.68	6,651.71	7,730.21	7,113.72	25.80	19.77	136.08	-549.11	1,430.10	2,008.23	1,964.64	43.59	46.068		
7,000.00	6,675.68	7,723.74	7,113.89	25.91	19.74	135.91	-549.09	1,436.56	2,008.38	1,964.67	43.71	45.948		
7,100.00	6,769.01	7,706.74	7,114.69	26.37	19.65	122.94	-548.96	1,467.03	2,011.83	1,967.61	44.21	45.503		
7,200.00	6,857.00	7,648.52	7,115.86	26.93	19.41	112.85	-548.78	1,511.76	2,019.26	1,974.67	44.59	45.286		
7,300.00	6,937.46	7,572.35	7,117.02	27.60	19.17	105.38	-548.39	1,587.90	2,029.47	1,984.46	45.01	45.091		
7,400.00	7,008.38	7,455.89	7,103.51	28.37	18.95	98.81	-546.55	1,703.40	2,039.92	1,994.43	45.49	44.843		
7,500.00	7,068.02	7,362.16	7,077.54	29.23	18.87	93.88	-543.85	1,793.33	2,049.80	2,003.66	46.14	44.427		
7,600.00	7,114.92	7,281.30	7,044.78	30.17	18.85	90.05	-540.69	1,867.13	2,058.75	2,011.87	46.87	43.921		
7,700.00	7,147.92	7,208.43	7,007.47	31.17	18.86	87.07	-537.23	1,929.58	2,066.28	2,018.63	47.66	43.359		
7,800.00	7,166.21	7,140.91	6,966.76	32.22	18.88	84.80	-533.54	1,983.29	2,071.92	2,023.47	48.46	42.759		
7,900.00	7,169.96	7,077.53	6,923.59	33.29	18.91	83.26	-529.70	2,029.50	2,075.42	2,026.18	49.25	42.142		
8,000.00	7,169.81	7,023.27	6,883.15	34.40	18.94	82.14	-526.14	2,065.47	2,080.44	2,030.43	50.01	41.600		
8,100.00	7,169.67	6,978.37	6,847.47	35.55	18.96	81.16	-523.04	2,092.53	2,088.73	2,037.99	50.74	41.169		
8,200.00	7,169.52	6,940.96	6,816.35	36.73	18.97	80.30	-520.34	2,113.11	2,100.62	2,049.21	51.42	40.855		
8,300.00	7,169.38	6,909.50	6,789.28	37.96	18.98	79.56	-518.02	2,128.97	2,116.32	2,064.27	52.05	40.657		
8,400.00	7,169.23	6,882.81	6,765.73	39.21	18.98	78.91	-516.00	2,141.36	2,135.93	2,083.29	52.64	40.574 SF		
8,500.00	7,169.08	6,859.94	6,745.15	40.50	18.98	78.35	-514.25	2,151.18	2,159.48	2,106.29	53.18	40.604		
8,600.00	7,168.94	6,850.00	6,736.10	41.81	18.98	78.10	-513.48	2,155.21	2,186.99	2,133.29	53.71	40.720		
8,700.00	7,168.79	6,822.99	6,711.20	43.15	18.98	77.42	-511.36	2,165.46	2,218.27	2,164.15	54.12	40.987		
8,800.00	7,168.65	6,800.00	6,689.68	44.51	18.97	76.84	-509.54	2,173.34	2,253.37	2,198.88	54.49	41.356		
8,900.00	7,168.50	6,800.00	6,689.68	45.89	18.97	76.84	-509.54	2,173.34	2,292.03	2,237.15	54.89	41.758		
9,000.00	7,168.36	6,782.68	6,673.29	47.29	18.97	76.39	-508.16	2,178.75	2,334.17	2,279.01	55.17	42.309		
9,100.00	7,168.21	6,772.06	6,663.17	48.70	18.96	76.12	-507.31	2,181.85	2,379.65	2,324.22	55.43	42.930		
9,200.00	7,168.06	6,750.00	6,641.98	50.13	18.95	75.55	-505.53	2,187.75	2,428.37	2,372.77	55.60	43.679		
9,300.00	7,167.92	6,750.00	6,641.98	51.58	18.95	75.55	-505.53	2,187.75	2,479.88	2,424.06	55.82	44.424		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.18	-3.62	1,139.53	1,139.54				
100.00	100.00	103.00	97.00	3.28	3.28	90.18	-3.62	1,139.53	1,139.54	1,132.01	7.53	151.349	
200.00	200.00	203.00	197.00	3.31	3.31	90.18	-3.62	1,139.53	1,139.54	1,131.96	7.57	150.435	
300.00	300.00	285.91	285.91	3.35	3.34	44.59	-3.76	1,139.70	1,139.61	1,131.96	7.65	148.893	
400.00	399.95	362.25	362.22	3.42	3.38	44.74	-5.01	1,141.23	1,139.51	1,131.76	7.76	146.910	
500.00	499.74	438.33	438.19	3.51	3.44	45.04	-7.54	1,144.32	1,139.03	1,131.14	7.89	144.378	
600.00	599.24	513.98	513.61	3.62	3.50	45.51	-11.32	1,148.94	1,138.24	1,130.18	8.05	141.326	
700.00	698.33	589.04	588.25	3.76	3.58	46.13	-16.31	1,155.04	1,137.22	1,128.97	8.25	137.782	
800.00	796.90	663.34	661.91	3.93	3.68	46.90	-22.47	1,162.57	1,136.13	1,127.64	8.49	133.784	
900.00	894.81	736.72	734.38	4.14	3.80	47.80	-29.74	1,171.45	1,135.11	1,126.34	8.77	129.404	
1,000.00	991.96	809.04	805.50	4.40	3.94	48.83	-38.06	1,181.61	1,134.36	1,125.26	9.10	124.703	
1,100.00	1,088.23	880.20	875.13	4.71	4.10	49.98	-47.35	1,192.96	1,134.09	1,124.62	9.47	119.726	
1,143.46	1,129.76	921.04	914.99	4.86	4.21	50.69	-52.99	1,199.85	1,133.99	1,124.31	9.69	117.032	
1,200.00	1,183.49	973.90	966.57	5.07	4.35	51.64	-60.29	1,208.77	1,133.55	1,123.57	9.98	113.550	
1,297.90	1,276.21	1,065.14	1,055.61	5.47	4.61	53.31	-72.90	1,224.18	1,133.02	1,122.49	10.54	107.515	
1,300.00	1,278.18	1,067.08	1,057.51	5.48	4.62	53.35	-73.16	1,224.50	1,133.00	1,122.45	10.55	107.388 CC	
1,400.00	1,372.87	1,160.26	1,148.45	5.91	4.91	55.06	-86.04	1,240.23	1,133.61	1,122.44	11.16	101.548 ES	
1,500.00	1,467.57	1,253.44	1,239.39	6.37	5.22	56.77	-98.91	1,255.96	1,135.37	1,123.56	11.81	96.105	
1,600.00	1,562.26	1,346.63	1,330.32	6.85	5.55	58.47	-111.79	1,271.70	1,138.30	1,125.80	12.50	91.088	
1,700.00	1,656.95	1,439.81	1,421.26	7.34	5.88	60.16	-124.66	1,287.43	1,142.37	1,129.16	13.20	86.528	
1,800.00	1,751.65	1,532.99	1,512.20	7.85	6.23	61.84	-137.53	1,303.16	1,147.57	1,133.63	13.93	82.358	
1,900.00	1,846.34	1,626.17	1,603.14	8.13	6.59	63.50	-150.41	1,318.89	1,153.89	1,139.63	14.26	80.917	
2,000.00	1,941.03	1,719.36	1,694.08	8.21	6.95	65.15	-163.28	1,334.62	1,161.31	1,146.70	14.61	79.482	
2,100.00	2,035.73	1,812.54	1,785.01	8.32	7.30	66.78	-176.16	1,350.35	1,169.81	1,154.84	14.97	78.141	
2,200.00	2,130.42	1,905.72	1,875.95	8.45	7.50	68.38	-189.03	1,366.08	1,179.37	1,164.31	15.06	78.311	
2,300.00	2,225.11	2,001.10	1,966.89	8.60	7.55	69.97	-201.90	1,381.81	1,189.95	1,174.72	15.23	78.123	
2,400.00	2,319.81	2,107.92	2,057.83	8.78	7.63	71.52	-214.78	1,397.54	1,201.55	1,186.10	15.45	77.782	
2,500.00	2,414.50	2,185.27	2,148.77	8.97	7.70	73.05	-227.65	1,413.27	1,214.11	1,198.42	15.69	77.405	
2,600.00	2,509.19	2,278.45	2,239.70	9.19	7.79	74.55	-240.53	1,429.00	1,227.62	1,211.66	15.96	76.901	
2,700.00	2,603.88	2,371.63	2,330.64	9.42	7.91	76.02	-253.40	1,444.73	1,242.04	1,225.77	16.27	76.321	
2,800.00	2,698.58	2,464.81	2,421.58	9.66	8.03	77.46	-266.28	1,460.46	1,257.35	1,240.73	16.61	75.679	
2,900.00	2,793.27	2,558.00	2,512.52	9.93	8.18	78.87	-279.15	1,476.19	1,273.50	1,256.52	16.98	74.989	
3,000.00	2,887.96	2,651.18	2,603.46	10.20	8.33	80.25	-292.02	1,491.92	1,290.48	1,273.10	17.38	74.264	
3,100.00	2,982.66	2,744.36	2,694.40	10.49	8.50	81.59	-304.90	1,507.65	1,308.24	1,290.45	17.80	73.515	
3,200.00	3,077.35	2,837.54	2,785.33	10.79	8.68	82.90	-317.77	1,523.38	1,326.76	1,308.52	18.24	72.752	
3,300.00	3,172.04	2,930.73	2,876.27	11.10	8.86	84.18	-330.65	1,539.11	1,346.00	1,327.30	18.70	71.983	
3,400.00	3,266.74	3,023.91	2,967.21	11.42	9.06	85.42	-343.52	1,554.84	1,365.93	1,346.75	19.18	71.216	
3,500.00	3,361.43	3,117.09	3,058.15	11.75	9.27	86.63	-356.39	1,570.57	1,386.53	1,366.85	19.68	70.457	
3,600.00	3,456.12	3,210.27	3,149.09	12.09	9.49	87.81	-369.27	1,586.31	1,407.76	1,387.57	20.19	69.709	
3,700.00	3,550.81	3,303.45	3,240.02	12.44	9.72	88.95	-382.14	1,602.04	1,429.60	1,408.87	20.73	68.979	
3,800.00	3,645.51	3,403.36	3,330.96	12.79	9.97	90.07	-395.02	1,617.77	1,452.02	1,430.73	21.28	68.220	
3,900.00	3,740.20	3,489.82	3,421.90	13.15	10.20	91.15	-407.89	1,633.50	1,474.99	1,453.16	21.83	67.575	
4,000.00	3,834.89	3,583.00	3,512.84	13.52	10.45	92.20	-420.76	1,649.23	1,498.48	1,476.08	22.40	66.906	
4,100.00	3,929.59	3,676.18	3,603.78	13.89	10.70	93.22	-433.64	1,664.96	1,522.48	1,499.50	22.98	66.261	
4,200.00	4,024.28	3,769.37	3,694.72	14.26	10.96	94.21	-446.51	1,680.69	1,546.96	1,523.39	23.57	65.641	
4,300.00	4,118.97	3,862.55	3,785.65	14.65	11.23	95.18	-459.39	1,696.42	1,571.89	1,547.73	24.17	65.046	
4,400.00	4,213.67	3,955.73	3,876.59	15.03	11.50	96.11	-472.26	1,712.15	1,597.26	1,572.49	24.77	64.475	
4,500.00	4,308.36	4,048.91	3,967.53	15.42	11.78	97.02	-485.13	1,727.88	1,623.05	1,597.66	25.39	63.927	
4,600.00	4,403.05	4,142.10	4,058.47	15.81	12.06	97.90	-498.01	1,743.61	1,649.23	1,623.22	26.01	63.404	
4,700.00	4,497.74	4,235.28	4,149.41	16.21	12.34	98.75	-510.88	1,759.34	1,675.78	1,649.14	26.64	62.903	
4,800.00	4,592.44	4,328.46	4,240.34	16.61	12.63	99.58	-523.76	1,775.07	1,702.70	1,675.42	27.28	62.424	
4,900.00	4,687.13	4,421.64	4,331.28	17.01	12.92	100.39	-536.63	1,790.80	1,729.96	1,702.04	27.92	61.967	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
5,000.00	4,781.82	4,514.82	4,422.22	17.42	13.22	101.17	-549.50	1,806.53	1,757.55	1,728.98	28.56	61.530	
5,100.00	4,876.52	4,608.01	4,513.16	17.83	13.52	101.93	-562.38	1,822.26	1,785.44	1,756.23	29.22	61.112	
5,200.00	4,971.21	4,701.19	4,604.10	18.24	13.82	102.66	-575.25	1,837.99	1,813.64	1,783.77	29.87	60.713	
5,300.00	5,065.90	4,805.63	4,695.03	18.65	14.16	103.38	-588.13	1,853.72	1,842.12	1,811.55	30.57	60.269	
5,400.00	5,160.60	4,887.55	4,785.97	19.07	14.43	104.07	-601.00	1,869.45	1,870.86	1,839.67	31.20	59.968	
5,500.00	5,255.29	4,980.74	4,876.91	19.48	14.74	104.75	-613.87	1,885.19	1,899.87	1,868.00	31.87	59.620	
5,600.00	5,349.98	5,073.92	4,967.85	19.90	15.05	105.40	-626.75	1,900.92	1,929.12	1,896.59	32.54	59.287	
5,700.00	5,444.67	5,167.10	5,058.79	20.32	15.37	106.04	-639.62	1,916.65	1,958.61	1,925.40	33.21	58.969	
5,800.00	5,539.37	5,260.28	5,149.73	20.74	15.68	106.66	-652.50	1,932.38	1,988.33	1,954.43	33.89	58.665	
5,900.00	5,634.06	5,353.46	5,240.66	21.17	16.00	107.26	-665.37	1,948.11	2,018.26	1,983.68	34.57	58.374	
6,000.00	5,728.75	5,446.65	5,331.60	21.59	16.32	107.84	-678.25	1,963.84	2,048.39	2,013.13	35.26	58.095	
6,100.00	5,823.45	5,539.83	5,422.54	22.02	16.64	108.41	-691.12	1,979.57	2,078.72	2,042.78	35.95	57.828	
6,200.00	5,918.14	5,633.01	5,513.48	22.45	16.96	108.96	-703.99	1,995.30	2,109.24	2,072.61	36.64	57.573	
6,300.00	6,012.83	5,726.19	5,604.42	22.88	17.29	109.50	-716.87	2,011.03	2,139.94	2,102.61	37.33	57.328	
6,400.00	6,107.53	5,819.38	5,695.35	23.31	17.61	110.02	-729.74	2,026.76	2,170.81	2,132.79	38.02	57.093	
6,500.00	6,202.22	5,912.56	5,786.29	23.74	17.94	110.53	-742.62	2,042.49	2,201.85	2,163.13	38.72	56.867	
6,600.00	6,296.91	6,005.74	5,877.23	24.17	18.27	111.02	-755.49	2,058.22	2,233.05	2,193.63	39.42	56.651	
6,700.00	6,391.60	6,101.08	5,968.17	24.60	18.61	111.51	-768.36	2,073.95	2,264.40	2,224.27	40.13	56.433	
6,800.00	6,486.30	6,207.89	6,059.11	25.04	18.98	111.97	-781.24	2,089.68	2,295.89	2,255.02	40.87	56.175	
6,900.00	6,580.99	6,285.29	6,150.05	25.47	19.26	112.43	-794.11	2,105.41	2,327.52	2,286.00	41.53	56.051	
7,000.00	6,675.68	6,378.47	6,240.98	25.91	19.59	112.88	-806.99	2,121.14	2,359.29	2,317.06	42.23	55.866	
7,100.00	6,769.01	6,471.20	6,331.48	26.37	19.92	99.49	-819.80	2,136.80	2,389.26	2,346.29	42.96	55.614	
7,200.00	6,857.00	6,561.32	6,419.43	26.93	20.25	89.98	-832.25	2,152.01	2,413.48	2,369.69	43.79	55.119	
7,300.00	6,937.46	7,047.74	6,883.96	27.60	20.91	92.38	-899.79	2,078.97	2,427.79	2,382.22	45.57	53.282	
7,400.00	7,008.38	7,137.03	6,956.55	28.37	20.89	90.98	-910.80	2,028.28	2,433.20	2,386.93	46.27	52.589	
7,500.00	7,068.02	7,125.34	6,947.46	29.23	20.89	88.36	-909.41	2,035.50	2,437.99	2,390.94	47.05	51.820	
7,600.00	7,114.92	7,093.74	6,922.24	30.17	20.90	86.03	-905.57	2,054.14	2,442.05	2,394.19	47.86	51.020	
7,700.00	7,147.92	7,055.19	6,890.28	31.17	20.91	84.14	-900.74	2,075.14	2,444.92	2,396.22	48.70	50.201	
7,800.00	7,166.21	7,013.59	6,854.44	32.22	20.91	82.72	-895.36	2,095.56	2,446.12	2,396.58	49.54	49.376	
7,900.00	7,169.96	6,971.01	6,816.48	33.29	20.90	81.76	-889.69	2,113.96	2,445.47	2,395.11	50.36	48.558	
7,911.57	7,169.94	6,966.47	6,812.35	33.42	20.90	81.66	-889.08	2,115.77	2,445.45	2,394.99	50.46	48.464	
8,000.00	7,169.81	6,936.09	6,784.48	34.40	20.89	81.00	-884.95	2,127.11	2,446.83	2,395.65	51.18	47.813	
8,100.00	7,169.67	6,909.03	6,759.22	35.55	20.87	80.41	-881.22	2,136.07	2,451.82	2,399.84	51.98	47.165	
8,200.00	7,169.52	6,887.52	6,738.89	36.73	20.86	79.92	-878.22	2,142.41	2,460.56	2,407.78	52.78	46.618	
8,300.00	7,169.38	6,870.04	6,722.22	37.96	20.85	79.53	-875.78	2,147.05	2,473.09	2,419.53	53.56	46.174	
8,400.00	7,169.23	6,850.00	6,702.95	39.21	20.83	79.08	-872.96	2,151.80	2,489.43	2,435.14	54.29	45.850 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.40	-1.82	259.76	259.76				
100.00	100.00	103.00	97.00	3.28	3.28	90.40	-1.82	259.76	259.76	252.23	7.53	34.501	
200.00	200.00	197.00	197.00	3.31	3.30	90.40	-1.82	259.76	259.76	252.19	7.57	34.302 CC, ES	
300.00	300.00	290.55	290.54	3.35	3.34	45.02	-2.73	260.87	260.81	253.16	7.65	34.079	
400.00	399.95	383.69	383.57	3.42	3.40	46.03	-5.53	264.33	262.51	254.75	7.77	33.807	
500.00	499.74	476.35	475.92	3.51	3.47	47.91	-10.21	270.10	264.58	256.67	7.91	33.437	
600.00	599.24	568.26	567.25	3.62	3.57	50.59	-16.72	278.11	267.45	259.36	8.10	33.028	
700.00	698.33	659.17	657.20	3.76	3.70	54.00	-24.96	288.27	271.73	263.41	8.32	32.654	
800.00	796.90	749.53	746.17	3.93	3.86	58.01	-34.92	300.55	278.12	269.53	8.59	32.383	
900.00	894.81	846.14	841.06	4.14	4.07	62.75	-46.34	314.64	285.77	276.83	8.94	31.949	
1,000.00	991.96	942.07	935.29	4.40	4.30	67.74	-57.69	328.62	294.16	284.80	9.36	31.428	
1,100.00	1,088.23	1,037.20	1,028.73	4.71	4.55	72.93	-68.94	342.49	303.92	294.08	9.84	30.879	
1,200.00	1,183.49	1,131.42	1,121.27	5.07	4.82	78.25	-80.08	356.23	315.68	305.28	10.40	30.361	
1,300.00	1,278.18	1,225.12	1,213.30	5.48	5.10	83.64	-91.16	369.89	330.23	319.22	11.02	29.979	
1,400.00	1,372.87	1,318.82	1,305.33	5.91	5.40	88.59	-102.25	383.55	347.70	336.02	11.67	29.783	
1,500.00	1,467.57	1,412.52	1,397.37	6.37	5.71	93.07	-113.33	397.21	367.66	355.30	12.36	29.744	
1,600.00	1,562.26	1,506.21	1,489.40	6.85	6.03	97.11	-124.41	410.87	389.74	376.67	13.07	29.820	
1,700.00	1,656.95	1,600.09	1,581.43	7.34	6.35	100.73	-135.49	424.53	413.59	399.80	13.79	29.982	
1,800.00	1,751.65	1,706.39	1,673.46	7.85	6.73	103.97	-146.57	438.19	438.94	424.37	14.56	30.137	
1,900.00	1,846.34	1,787.31	1,765.50	8.13	7.02	106.87	-157.65	451.85	465.52	450.66	14.86	31.322	
2,000.00	1,941.03	1,881.00	1,857.53	8.21	7.22	109.46	-168.73	465.51	493.15	478.23	14.92	33.044	
2,100.00	2,035.73	1,974.70	1,949.56	8.32	7.30	111.79	-179.81	479.17	521.66	506.59	15.07	34.621	
2,200.00	2,130.42	2,068.40	2,041.59	8.45	7.35	113.88	-190.89	492.83	550.91	535.69	15.22	36.199	
2,300.00	2,225.11	2,162.10	2,133.62	8.60	7.42	115.77	-201.98	506.49	580.78	565.38	15.40	37.706	
2,400.00	2,319.81	2,255.80	2,225.66	8.78	7.50	117.48	-213.06	520.15	611.20	595.58	15.62	39.130	
2,500.00	2,414.50	2,349.49	2,317.69	8.97	7.60	119.02	-224.14	533.81	642.07	626.21	15.87	40.466	
2,600.00	2,509.19	2,443.19	2,409.72	9.19	7.71	120.43	-235.22	547.47	673.35	657.20	16.14	41.709	
2,700.00	2,603.88	2,536.89	2,501.75	9.42	7.83	121.72	-246.30	561.13	704.96	688.51	16.45	42.859	
2,800.00	2,698.58	2,630.59	2,593.78	9.66	7.97	122.90	-257.38	574.79	736.88	720.10	16.78	43.916	
2,900.00	2,793.27	2,724.29	2,685.82	9.93	8.11	123.98	-268.46	588.45	769.06	751.92	17.14	44.881	
3,000.00	2,887.96	2,817.98	2,777.85	10.20	8.27	124.98	-279.54	602.11	801.47	783.96	17.51	45.760	
3,100.00	2,982.66	2,911.68	2,869.88	10.49	8.44	125.90	-290.62	615.77	834.08	816.17	17.92	46.557	
3,200.00	3,077.35	3,005.38	2,961.91	10.79	8.62	126.75	-301.71	629.43	866.88	848.54	18.34	47.275	
3,300.00	3,172.04	3,100.92	3,053.95	11.10	8.81	127.54	-312.79	643.09	899.84	881.06	18.78	47.913	
3,400.00	3,266.74	3,207.22	3,145.98	11.42	9.04	128.28	-323.87	656.75	932.94	913.67	19.26	48.429	
3,500.00	3,361.43	3,286.47	3,238.01	11.75	9.21	128.97	-334.95	670.41	966.17	946.46	19.71	49.018	
3,600.00	3,456.12	3,380.17	3,330.04	12.09	9.43	129.61	-346.03	684.07	999.52	979.32	20.20	49.479	
3,700.00	3,550.81	3,473.87	3,422.07	12.44	9.65	130.21	-357.11	697.73	1,032.97	1,012.26	20.70	49.890	
3,800.00	3,645.51	3,567.57	3,514.11	12.79	9.87	130.77	-368.19	711.39	1,066.52	1,045.29	21.22	50.255	
3,900.00	3,740.20	3,661.27	3,606.14	13.15	10.11	131.30	-379.27	725.05	1,100.15	1,078.40	21.75	50.577	
4,000.00	3,834.89	3,754.96	3,698.17	13.52	10.35	131.79	-390.35	738.71	1,133.86	1,111.57	22.29	50.863	
4,100.00	3,929.59	3,848.66	3,790.20	13.89	10.59	132.26	-401.44	752.37	1,167.65	1,144.81	22.84	51.114	
4,200.00	4,024.28	3,942.36	3,882.23	14.26	10.84	132.71	-412.52	766.03	1,201.50	1,178.10	23.41	51.335	
4,300.00	4,118.97	4,036.06	3,974.27	14.65	11.10	133.12	-423.60	779.69	1,235.41	1,211.44	23.98	51.528	
4,400.00	4,213.67	4,129.75	4,066.30	15.03	11.35	133.52	-434.68	793.35	1,269.38	1,244.83	24.55	51.697	
4,500.00	4,308.36	4,223.45	4,158.33	15.42	11.62	133.90	-445.76	807.01	1,303.40	1,278.26	25.14	51.844	
4,600.00	4,403.05	4,317.15	4,250.36	15.81	11.88	134.25	-456.84	820.67	1,337.47	1,311.73	25.74	51.971	
4,700.00	4,497.74	4,410.85	4,342.40	16.21	12.15	134.59	-467.92	834.33	1,371.58	1,345.24	26.34	52.080	
4,800.00	4,592.44	4,504.55	4,434.43	16.61	12.43	134.92	-479.00	847.99	1,405.73	1,378.78	26.94	52.174	
4,900.00	4,687.13	4,598.24	4,526.46	17.01	12.70	135.22	-490.08	861.65	1,439.91	1,412.36	27.56	52.253	
5,000.00	4,781.82	4,708.06	4,618.49	17.42	13.03	135.52	-501.17	875.31	1,474.14	1,445.92	28.22	52.235	
5,100.00	4,876.52	4,785.64	4,710.52	17.83	13.27	135.80	-512.25	888.97	1,508.39	1,479.59	28.80	52.375	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,971.21	4,879.34	4,802.56	18.24	13.55	136.06	-523.33	902.63	1,542.68	1,513.25	29.43	52.420		
5,300.00	5,065.90	4,973.04	4,894.59	18.65	13.84	136.32	-534.41	916.29	1,577.00	1,546.93	30.06	52.456		
5,400.00	5,160.60	5,066.73	4,986.62	19.07	14.13	136.57	-545.49	929.95	1,611.34	1,580.64	30.70	52.484		
5,500.00	5,255.29	5,160.43	5,078.65	19.48	14.42	136.80	-556.57	943.61	1,645.71	1,614.36	31.34	52.505		
5,600.00	5,349.98	5,254.13	5,170.68	19.90	14.71	137.03	-567.65	957.27	1,680.10	1,648.11	31.99	52.519		
5,700.00	5,444.67	5,347.83	5,262.72	20.32	15.01	137.24	-578.73	970.93	1,714.51	1,681.87	32.64	52.528		
5,800.00	5,539.37	5,441.53	5,354.75	20.74	15.30	137.45	-589.81	984.59	1,748.95	1,715.65	33.29	52.531		
5,900.00	5,634.06	5,535.22	5,446.78	21.17	15.60	137.65	-600.90	998.25	1,783.40	1,749.45	33.95	52.530		
6,000.00	5,728.75	5,628.92	5,538.81	21.59	15.90	137.84	-611.98	1,011.91	1,817.87	1,783.26	34.61	52.525		
6,100.00	5,823.45	5,722.62	5,630.85	22.02	16.21	138.03	-623.06	1,025.57	1,852.36	1,817.09	35.27	52.516		
6,200.00	5,918.14	5,816.32	5,722.88	22.45	16.51	138.21	-634.14	1,039.23	1,886.87	1,850.93	35.94	52.504		
6,300.00	6,012.83	5,910.02	5,814.91	22.88	16.81	138.38	-645.22	1,052.89	1,921.39	1,884.78	36.61	52.489		
6,400.00	6,107.53	6,003.71	5,906.94	23.31	17.12	138.55	-656.30	1,066.55	1,955.93	1,918.65	37.28	52.471		
6,500.00	6,202.22	6,097.41	5,998.97	23.74	17.43	138.71	-667.38	1,080.21	1,990.48	1,952.53	37.95	52.451		
6,600.00	6,296.91	6,208.89	6,091.01	24.17	17.79	138.86	-678.46	1,093.87	2,025.04	1,986.36	38.68	52.354		
6,700.00	6,391.60	6,284.81	6,183.04	24.60	18.04	139.01	-689.55	1,107.53	2,059.62	2,020.32	39.30	52.406		
6,800.00	6,486.30	6,378.51	6,275.07	25.04	18.35	139.16	-700.63	1,121.19	2,094.21	2,054.22	39.98	52.380		
6,900.00	6,580.99	6,472.20	6,367.10	25.47	18.67	139.30	-711.71	1,134.85	2,128.81	2,088.14	40.66	52.353		
7,000.00	6,675.68	6,565.90	6,459.13	25.91	18.98	139.43	-722.79	1,148.51	2,163.42	2,122.07	41.35	52.325		
7,100.00	6,769.01	6,659.01	6,550.59	26.37	19.29	125.13	-733.80	1,162.08	2,198.30	2,156.25	42.05	52.279		
7,200.00	6,857.00	6,749.14	6,639.12	26.93	19.59	114.09	-744.46	1,175.22	2,233.66	2,190.84	42.82	52.159		
7,300.00	6,937.46	6,834.04	6,722.51	27.60	19.88	106.84	-754.50	1,187.60	2,269.13	2,225.47	43.66	51.976		
7,400.00	7,008.38	6,978.90	6,863.40	28.37	20.39	102.56	-771.44	1,215.76	2,304.13	2,259.17	44.95	51.259		
7,500.00	7,068.02	7,500.00	7,122.53	29.23	23.38	100.69	-802.18	1,371.83	2,332.40	2,283.16	49.24	47.372		
7,600.00	7,114.92	7,730.34	7,308.19	30.17	25.59	97.27	-823.12	1,764.91	2,347.51	2,294.48	53.03	44.269		
7,700.00	7,147.92	7,871.47	7,310.64	31.17	26.99	94.84	-822.87	1,905.95	2,352.93	2,297.31	55.62	42.303		
7,800.00	7,166.21	7,969.50	7,310.19	32.22	28.04	93.72	-822.44	2,003.97	2,356.08	2,298.24	57.84	40.733		
7,900.00	7,169.96	8,069.34	7,309.73	33.29	29.17	93.47	-822.00	2,103.81	2,356.79	2,296.63	60.16	39.175		
8,000.00	7,169.81	8,169.33	7,309.27	34.40	30.35	93.47	-821.55	2,203.80	2,356.82	2,294.26	62.56	37.670		
8,100.00	7,169.67	8,269.33	7,308.81	35.55	31.58	93.46	-821.11	2,303.80	2,356.86	2,291.80	65.05	36.230		
8,200.00	7,169.52	8,369.33	7,308.35	36.73	32.86	93.45	-820.67	2,403.80	2,356.89	2,289.27	67.61	34.858		
8,300.00	7,169.38	8,469.33	7,307.89	37.96	34.17	93.44	-820.22	2,503.80	2,356.92	2,286.68	70.24	33.554		
8,400.00	7,169.23	8,569.33	7,307.43	39.21	35.51	93.43	-819.78	2,603.79	2,356.96	2,284.03	72.93	32.318		
8,500.00	7,169.08	8,669.33	7,306.97	40.50	36.88	93.43	-819.34	2,703.79	2,356.99	2,281.32	75.67	31.148		
8,600.00	7,168.94	8,769.33	7,306.51	41.81	38.27	93.42	-818.90	2,803.79	2,357.02	2,278.57	78.46	30.042		
8,700.00	7,168.79	8,869.33	7,306.05	43.15	39.69	93.41	-818.45	2,903.79	2,357.06	2,275.77	81.29	28.997		
8,800.00	7,168.65	8,969.33	7,305.59	44.51	41.12	93.40	-818.01	3,003.78	2,357.09	2,272.94	84.15	28.010		
8,900.00	7,168.50	9,069.33	7,305.13	45.89	42.58	93.40	-817.57	3,103.78	2,357.12	2,270.07	87.05	27.077		
9,000.00	7,168.36	9,169.33	7,304.67	47.29	44.05	93.39	-817.13	3,203.78	2,357.16	2,267.17	89.98	26.195		
9,100.00	7,168.21	9,269.33	7,304.21	48.70	45.53	93.38	-816.68	3,303.78	2,357.19	2,264.25	92.94	25.362		
9,200.00	7,168.06	9,369.33	7,303.75	50.13	47.03	93.37	-816.24	3,403.77	2,357.22	2,261.30	95.93	24.573		
9,300.00	7,167.92	9,469.33	7,303.29	51.58	48.54	93.37	-815.80	3,503.77	2,357.26	2,258.32	98.93	23.826		
9,400.00	7,167.77	9,569.33	7,302.83	53.04	50.06	93.36	-815.36	3,603.77	2,357.29	2,255.33	101.96	23.119		
9,500.00	7,167.63	9,669.33	7,302.37	54.51	51.59	93.35	-814.91	3,703.77	2,357.32	2,252.31	105.01	22.448		
9,600.00	7,167.48	9,769.33	7,301.91	55.99	53.12	93.34	-814.47	3,803.76	2,357.36	2,249.28	108.08	21.812		
9,700.00	7,167.34	9,869.33	7,301.45	57.48	54.67	93.33	-814.03	3,903.76	2,357.39	2,246.24	111.16	21.208		
9,800.00	7,167.19	9,969.33	7,300.99	58.98	56.22	93.33	-813.58	4,003.76	2,357.43	2,243.17	114.25	20.633		
9,900.00	7,167.04	10,069.33	7,300.53	60.49	57.78	93.32	-813.14	4,103.76	2,357.46	2,240.10	117.36	20.087		
10,000.00	7,166.90	10,169.32	7,300.07	62.01	59.35	93.31	-812.70	4,203.75	2,357.49	2,237.01	120.48	19.567		
10,100.00	7,166.75	10,269.32	7,299.61	63.54	60.92	93.30	-812.26	4,303.75	2,357.53	2,233.91	123.62	19.071		
10,200.00	7,166.61	10,369.32	7,299.15	65.07	62.50	93.30	-811.81	4,403.75	2,357.56	2,230.80	126.76	18.598		
10,300.00	7,166.46	10,469.32	7,298.69	66.61	64.08	93.29	-811.37	4,503.75	2,357.60	2,227.68	129.92	18.147		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,166.32	10,569.32	7,298.23	68.16	65.67	93.28	-810.93	4,603.74	2,357.63	2,224.55	133.08	17.716		
10,500.00	7,166.17	10,669.32	7,297.77	69.71	67.26	93.27	-810.49	4,703.74	2,357.67	2,221.41	136.25	17.304		
10,600.00	7,166.02	10,769.32	7,297.31	71.26	68.85	93.27	-810.04	4,803.74	2,357.70	2,218.27	139.43	16.909		
10,700.00	7,165.88	10,869.32	7,296.85	72.83	70.45	93.26	-809.60	4,903.74	2,357.73	2,215.12	142.62	16.532		
10,800.00	7,165.73	10,969.32	7,296.39	74.39	72.05	93.25	-809.16	5,003.73	2,357.77	2,211.96	145.81	16.170		
10,900.00	7,165.59	11,069.32	7,295.93	75.97	73.66	93.24	-808.71	5,103.73	2,357.80	2,208.79	149.01	15.823		
11,000.00	7,165.44	11,169.32	7,295.47	77.54	75.27	93.23	-808.27	5,203.73	2,357.84	2,205.62	152.22	15.490		
11,100.00	7,165.29	11,269.32	7,295.01	79.12	76.88	93.23	-807.83	5,303.73	2,357.87	2,202.44	155.43	15.170		
11,200.00	7,165.15	11,369.32	7,294.55	80.70	78.49	93.22	-807.39	5,403.72	2,357.91	2,199.25	158.65	14.862		
11,300.00	7,165.00	11,469.32	7,294.09	82.29	80.11	93.21	-806.94	5,503.72	2,357.94	2,196.07	161.88	14.566		
11,400.00	7,164.86	11,569.32	7,293.63	83.88	81.72	93.20	-806.50	5,603.72	2,357.98	2,192.87	165.10	14.282		
11,500.00	7,164.71	11,669.32	7,293.17	85.47	83.34	93.20	-806.06	5,703.72	2,358.01	2,189.67	168.34	14.008		
11,600.00	7,164.57	11,769.32	7,292.71	87.07	84.97	93.19	-805.62	5,803.71	2,358.04	2,186.47	171.57	13.744		
11,700.00	7,164.42	11,869.32	7,292.25	88.67	86.59	93.18	-805.17	5,903.71	2,358.08	2,183.27	174.81	13.489		
11,800.00	7,164.27	11,969.32	7,291.79	90.27	88.22	93.17	-804.73	6,003.71	2,358.11	2,180.06	178.06	13.243		
11,900.00	7,164.13	12,069.32	7,291.33	91.87	89.85	93.17	-804.29	6,103.71	2,358.15	2,176.84	181.31	13.006		
12,000.00	7,163.98	12,169.31	7,290.87	93.48	91.47	93.16	-803.85	6,203.70	2,358.18	2,173.63	184.56	12.777		
12,100.00	7,163.84	12,269.31	7,290.41	95.09	93.11	93.15	-803.40	6,303.70	2,358.22	2,170.41	187.81	12.556		
12,200.00	7,163.69	12,369.31	7,289.95	96.70	94.74	93.14	-802.96	6,403.70	2,358.25	2,167.18	191.07	12.342		
12,300.00	7,163.55	12,469.31	7,289.49	98.31	96.37	93.13	-802.52	6,503.70	2,358.29	2,163.96	194.33	12.135		
12,400.00	7,163.40	12,569.31	7,289.03	99.93	98.01	93.13	-802.07	6,603.69	2,358.32	2,160.73	197.60	11.935		
12,500.00	7,163.25	12,669.31	7,288.57	101.54	99.64	93.12	-801.63	6,703.69	2,358.36	2,157.50	200.86	11.741		
12,600.00	7,163.11	12,769.31	7,288.11	103.16	101.28	93.11	-801.19	6,803.69	2,358.39	2,154.26	204.13	11.553		
12,700.00	7,162.96	12,869.31	7,287.65	104.78	102.92	93.10	-800.75	6,903.68	2,358.43	2,151.03	207.40	11.371		
12,800.00	7,162.82	12,969.31	7,287.19	106.41	104.56	93.10	-800.30	7,003.68	2,358.46	2,147.79	210.68	11.195		
12,900.00	7,162.67	13,069.31	7,286.73	108.03	106.20	93.09	-799.86	7,103.68	2,358.50	2,144.55	213.95	11.024		
13,000.00	7,162.53	13,169.31	7,286.27	109.65	107.84	93.08	-799.42	7,203.68	2,358.53	2,141.31	217.23	10.857		
13,100.00	7,162.38	13,269.31	7,285.81	111.28	109.48	93.07	-798.98	7,303.67	2,358.57	2,138.06	220.51	10.696		
13,200.00	7,162.23	13,369.31	7,285.35	112.91	111.13	93.07	-798.53	7,403.67	2,358.61	2,134.81	223.79	10.539		
13,300.00	7,162.09	13,469.31	7,284.89	114.54	112.77	93.06	-798.09	7,503.67	2,358.64	2,131.57	227.07	10.387		
13,400.00	7,161.94	13,569.31	7,284.43	116.17	114.42	93.05	-797.65	7,603.67	2,358.68	2,128.32	230.36	10.239		
13,500.00	7,161.80	13,669.31	7,283.97	117.80	116.06	93.04	-797.21	7,703.66	2,358.71	2,125.07	233.65	10.095		
13,600.00	7,161.65	13,769.31	7,283.51	119.43	117.71	93.03	-796.76	7,803.66	2,358.75	2,121.81	236.93	9.955		
13,700.00	7,161.51	13,869.31	7,283.05	121.06	119.36	93.03	-796.32	7,903.66	2,358.78	2,118.56	240.22	9.819		
13,800.00	7,161.36	13,969.31	7,282.59	122.70	121.00	93.02	-795.88	8,003.66	2,358.82	2,115.30	243.52	9.686		
13,900.00	7,161.21	14,069.31	7,282.13	124.33	122.65	93.01	-795.43	8,103.65	2,358.85	2,112.04	246.81	9.557		
14,000.00	7,161.07	14,169.30	7,281.67	125.97	124.30	93.00	-794.99	8,203.65	2,358.89	2,108.79	250.10	9.432		
14,100.00	7,160.92	14,269.30	7,281.21	127.61	125.95	93.00	-794.55	8,303.65	2,358.93	2,105.53	253.40	9.309		
14,200.00	7,160.78	14,369.30	7,280.75	129.24	127.60	92.99	-794.11	8,403.65	2,358.96	2,102.27	256.70	9.190		
14,300.00	7,160.63	14,469.30	7,280.29	130.88	129.25	92.98	-793.66	8,503.64	2,359.00	2,099.00	259.99	9.073		
14,400.00	7,160.49	14,569.30	7,279.83	132.52	130.91	92.97	-793.22	8,603.64	2,359.03	2,095.74	263.29	8.960		
14,500.00	7,160.34	14,669.30	7,279.37	134.16	132.56	92.97	-792.78	8,703.64	2,359.07	2,092.48	266.59	8.849		
14,600.00	7,160.19	14,769.30	7,278.91	135.80	134.21	92.96	-792.34	8,803.64	2,359.11	2,089.21	269.90	8.741		
14,700.00	7,160.05	14,869.30	7,278.45	137.45	135.86	92.95	-791.89	8,903.63	2,359.14	2,085.94	273.20	8.635		
14,800.00	7,159.90	14,969.30	7,277.99	139.09	137.52	92.94	-791.45	9,003.63	2,359.18	2,082.68	276.50	8.532		
14,900.00	7,159.76	15,069.30	7,277.53	140.73	139.17	92.93	-791.01	9,103.63	2,359.21	2,079.41	279.81	8.432		
15,000.00	7,159.61	15,169.30	7,277.07	142.38	140.83	92.93	-790.56	9,203.63	2,359.25	2,076.14	283.11	8.333		
15,100.00	7,159.47	15,269.30	7,276.61	144.02	142.48	92.92	-790.12	9,303.62	2,359.29	2,072.87	286.42	8.237		
15,200.00	7,159.32	15,369.30	7,276.15	145.67	144.14	92.91	-789.68	9,403.62	2,359.32	2,069.60	289.72	8.143		
15,300.00	7,159.17	15,469.30	7,275.69	147.31	145.79	92.90	-789.24	9,503.62	2,359.36	2,066.33	293.03	8.052		
15,400.00	7,159.03	15,569.30	7,275.23	148.96	147.45	92.90	-788.79	9,603.62	2,359.39	2,063.05	296.34	7.962		
15,500.00	7,158.88	15,669.30	7,274.77	150.61	149.11	92.89	-788.35	9,703.61	2,359.43	2,059.78	299.65	7.874		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1		Offset Site Error:		0.00 usft											
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance																				
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning														
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)																
15,600.00	7,158.74	15,769.30	7,274.31	152.26	150.76	92.88	-787.91	9,803.61	2,359.47	2,056.51	302.96	7.788															
15,700.00	7,158.59	15,869.30	7,273.85	153.90	152.42	92.87	-787.47	9,903.61	2,359.50	2,053.23	306.27	7.704															
15,800.00	7,158.44	15,969.30	7,273.39	155.55	154.08	92.87	-787.02	10,003.61	2,359.54	2,049.96	309.58	7.622															
15,900.00	7,158.30	16,069.30	7,272.93	157.20	155.73	92.86	-786.58	10,103.60	2,359.58	2,046.68	312.90	7.541															
16,000.00	7,158.15	16,169.29	7,272.47	158.85	157.39	92.85	-786.14	10,203.60	2,359.61	2,043.40	316.21	7.462															
16,100.00	7,158.01	16,269.29	7,272.01	160.50	159.05	92.84	-785.70	10,303.60	2,359.65	2,040.13	319.52	7.385															
16,200.00	7,157.86	16,369.29	7,271.55	162.15	160.71	92.83	-785.25	10,403.60	2,359.69	2,036.85	322.84	7.309															
16,300.00	7,157.72	16,469.29	7,271.09	163.80	162.37	92.83	-784.81	10,503.59	2,359.72	2,033.57	326.15	7.235															
16,400.00	7,157.57	16,569.29	7,270.63	165.46	164.03	92.82	-784.37	10,603.59	2,359.76	2,030.29	329.47	7.162															
16,500.00	7,157.42	16,669.29	7,270.17	167.11	165.69	92.81	-783.92	10,703.59	2,359.80	2,027.01	332.79	7.091															
16,600.00	7,157.28	16,769.29	7,269.71	168.76	167.35	92.80	-783.48	10,803.59	2,359.83	2,023.73	336.10	7.021															
16,700.00	7,157.13	16,869.29	7,269.25	170.41	169.01	92.80	-783.04	10,903.58	2,359.87	2,020.45	339.42	6.953															
16,800.00	7,156.99	16,969.29	7,268.79	172.07	170.67	92.79	-782.60	11,003.58	2,359.91	2,017.17	342.74	6.885															
16,900.00	7,156.84	17,069.29	7,268.33	173.72	172.33	92.78	-782.15	11,103.58	2,359.94	2,013.89	346.06	6.820															
17,000.00	7,156.70	17,169.29	7,267.87	175.37	173.99	92.77	-781.71	11,203.58	2,359.98	2,010.60	349.38	6.755															
17,100.00	7,156.55	17,269.29	7,267.41	177.03	175.65	92.77	-781.27	11,303.57	2,360.02	2,007.32	352.70	6.691															
17,200.00	7,156.40	17,369.29	7,266.95	178.68	177.31	92.76	-780.83	11,403.57	2,360.06	2,004.04	356.02	6.629															
17,300.00	7,156.26	17,469.29	7,266.49	180.34	178.97	92.75	-780.38	11,503.57	2,360.09	2,000.76	359.34	6.568															
17,400.00	7,156.11	17,569.29	7,266.03	181.99	180.63	92.74	-779.94	11,603.57	2,360.13	1,997.47	362.66	6.508															
17,500.00	7,155.97	17,669.29	7,265.57	183.65	182.30	92.73	-779.50	11,703.56	2,360.17	1,994.19	365.98	6.449															
17,600.00	7,155.82	17,769.29	7,265.11	185.30	183.96	92.73	-779.06	11,803.56	2,360.20	1,990.90	369.30	6.391															
17,700.00	7,155.68	17,869.29	7,264.65	186.96	185.62	92.72	-778.61	11,903.56	2,360.24	1,987.62	372.62	6.334															
17,800.00	7,155.53	17,893.49	7,264.54	188.62	186.02	92.72	-778.51	11,927.76	2,361.50	1,987.16	374.33	6.309 SF															
17,900.00	7,155.38	17,893.49	7,264.54	190.27	186.02	92.72	-778.51	11,927.76	2,366.85	1,991.90	374.95	6.312															
18,000.00	7,155.24	17,893.49	7,264.54	191.93	186.02	92.72	-778.51	11,927.76	2,376.41	2,001.48	374.93	6.338															
18,100.00	7,155.09	17,893.49	7,264.54	193.59	186.02	92.72	-778.51	11,927.76	2,390.12	2,015.85	374.27	6.386															
18,200.00	7,154.95	17,893.49	7,264.54	195.24	186.02	92.72	-778.51	11,927.76	2,407.90	2,034.89	373.01	6.455															
18,263.53	7,154.85	17,893.49	7,264.54	196.30	186.02	92.72	-778.51	11,927.76	2,421.28	2,049.37	371.91	6.510															

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	90.45	-2.19	279.80	279.81				
100.00	100.00	103.00	97.00	3.28	3.28	90.45	-2.19	279.80	279.81	272.28	7.53	37.163	
200.00	200.00	197.00	197.00	3.31	3.30	90.45	-2.19	279.80	279.81	272.24	7.57	36.949	CC, ES
300.00	300.00	290.76	290.74	3.35	3.34	45.08	-3.22	280.80	280.74	273.08	7.65	36.682	
400.00	399.95	384.09	383.96	3.42	3.40	46.10	-6.44	283.91	282.07	274.30	7.77	36.322	
500.00	499.74	476.87	476.44	3.51	3.47	48.00	-11.80	289.09	283.54	275.63	7.92	35.822	
600.00	599.24	568.80	567.79	3.62	3.57	50.73	-19.24	296.27	285.63	277.52	8.10	35.248	
700.00	698.33	659.60	657.63	3.76	3.70	54.18	-28.65	305.36	288.98	280.65	8.33	34.686	
800.00	796.90	748.99	745.64	3.93	3.86	58.25	-39.91	316.23	294.41	285.81	8.60	34.229	
900.00	894.81	839.28	834.02	4.14	4.06	62.88	-53.18	329.04	302.67	293.74	8.93	33.896	
1,000.00	991.96	934.20	926.79	4.40	4.30	68.02	-67.61	342.98	312.69	303.35	9.35	33.458	
1,100.00	1,088.23	1,028.25	1,018.72	4.71	4.56	73.27	-81.90	356.78	324.46	314.63	9.83	33.019	
1,200.00	1,183.49	1,121.31	1,109.68	5.07	4.85	78.53	-96.05	370.45	338.55	328.17	10.38	32.627	
1,300.00	1,278.18	1,213.82	1,200.10	5.48	5.15	83.86	-110.11	384.03	355.66	344.67	10.99	32.376	
1,400.00	1,372.87	1,306.33	1,290.52	5.91	5.47	88.73	-124.18	397.61	375.84	364.21	11.63	32.308	SF
1,500.00	1,467.57	1,401.16	1,380.94	6.37	5.80	93.12	-138.24	411.19	398.63	386.32	12.31	32.372	
1,600.00	1,562.26	1,508.66	1,471.36	6.85	6.20	97.05	-152.30	424.77	423.60	410.55	13.05	32.459	
1,700.00	1,656.95	1,583.85	1,561.77	7.34	6.48	100.57	-166.36	438.35	450.40	436.68	13.72	32.832	
1,800.00	1,751.65	1,676.36	1,652.19	7.85	6.83	103.71	-180.43	451.93	478.71	464.26	14.44	33.142	
1,900.00	1,846.34	1,768.86	1,742.61	8.13	7.19	106.52	-194.49	465.51	508.28	493.51	14.77	34.407	
2,000.00	1,941.03	1,861.37	1,833.03	8.21	7.45	109.03	-208.55	479.09	538.91	524.05	14.86	36.270	
2,100.00	2,035.73	1,953.88	1,923.45	8.32	7.56	111.28	-222.61	492.67	570.42	555.40	15.03	37.960	
2,200.00	2,130.42	2,046.39	2,013.86	8.45	7.61	113.30	-236.67	506.25	602.68	587.51	15.17	39.717	
2,300.00	2,225.11	2,138.89	2,104.28	8.60	7.68	115.12	-250.74	519.83	635.57	620.22	15.36	41.388	
2,400.00	2,319.81	2,231.40	2,194.70	8.78	7.77	116.77	-264.80	533.41	669.00	653.43	15.57	42.963	
2,500.00	2,414.50	2,323.91	2,285.12	8.97	7.87	118.27	-278.86	546.99	702.90	687.08	15.82	44.435	
2,600.00	2,509.19	2,416.41	2,375.54	9.19	7.99	119.63	-292.92	560.57	737.19	721.09	16.10	45.801	
2,700.00	2,603.88	2,508.92	2,465.95	9.42	8.12	120.88	-306.99	574.15	771.82	755.42	16.40	47.060	
2,800.00	2,698.58	2,601.43	2,556.37	9.66	8.26	122.02	-321.05	587.73	806.76	790.03	16.73	48.213	
2,900.00	2,793.27	2,706.07	2,646.79	9.93	8.43	123.06	-335.11	601.31	841.96	824.85	17.11	49.211	
3,000.00	2,887.96	2,786.44	2,737.21	10.20	8.58	124.03	-349.17	614.89	877.40	859.92	17.47	50.213	
3,100.00	2,982.66	2,878.95	2,827.62	10.49	8.76	124.92	-363.23	628.47	913.03	895.16	17.88	51.072	
3,200.00	3,077.35	2,971.46	2,918.04	10.79	8.95	125.74	-377.30	642.05	948.85	930.55	18.30	51.844	
3,300.00	3,172.04	3,063.96	3,008.46	11.10	9.14	126.51	-391.36	655.63	984.83	966.09	18.75	52.536	
3,400.00	3,266.74	3,156.47	3,098.88	11.42	9.35	127.22	-405.42	669.21	1,020.96	1,001.75	19.21	53.155	
3,500.00	3,361.43	3,248.98	3,189.30	11.75	9.57	127.89	-419.48	682.79	1,057.22	1,037.53	19.69	53.705	
3,600.00	3,456.12	3,341.48	3,279.71	12.09	9.79	128.51	-433.55	696.37	1,093.59	1,073.41	20.18	54.194	
3,700.00	3,550.81	3,433.99	3,370.13	12.44	10.02	129.09	-447.61	709.95	1,130.07	1,109.38	20.69	54.627	
3,800.00	3,645.51	3,526.50	3,460.55	12.79	10.26	129.63	-461.67	723.53	1,166.64	1,145.43	21.21	55.009	
3,900.00	3,740.20	3,619.01	3,550.97	13.15	10.50	130.15	-475.73	737.11	1,203.30	1,181.56	21.74	55.346	
4,000.00	3,834.89	3,711.51	3,641.39	13.52	10.75	130.63	-489.79	750.69	1,240.04	1,217.76	22.29	55.641	
4,100.00	3,929.59	3,804.02	3,731.80	13.89	11.01	131.08	-503.86	764.27	1,276.86	1,254.02	22.84	55.899	
4,200.00	4,024.28	3,896.53	3,822.22	14.26	11.27	131.51	-517.92	777.85	1,313.74	1,290.33	23.41	56.124	
4,300.00	4,118.97	3,989.03	3,912.64	14.65	11.53	131.92	-531.98	791.43	1,350.68	1,326.70	23.98	56.319	
4,400.00	4,213.67	4,081.54	4,003.06	15.03	11.80	132.30	-546.04	805.01	1,387.68	1,363.11	24.57	56.487	
4,500.00	4,308.36	4,174.05	4,093.48	15.42	12.08	132.67	-560.11	818.59	1,424.72	1,399.57	25.16	56.632	
4,600.00	4,403.05	4,266.56	4,183.89	15.81	12.36	133.02	-574.17	832.17	1,461.82	1,436.06	25.76	56.755	
4,700.00	4,497.74	4,359.06	4,274.31	16.21	12.64	133.35	-588.23	845.75	1,498.96	1,472.60	26.36	56.860	
4,800.00	4,592.44	4,451.57	4,364.73	16.61	12.93	133.66	-602.29	859.33	1,536.14	1,509.17	26.97	56.948	
4,900.00	4,687.13	4,544.08	4,455.15	17.01	13.22	133.96	-616.36	872.91	1,573.36	1,545.77	27.59	57.021	
5,000.00	4,781.82	4,636.58	4,545.57	17.42	13.51	134.24	-630.42	886.49	1,610.62	1,582.40	28.22	57.080	
5,100.00	4,876.52	4,729.09	4,635.98	17.83	13.80	134.52	-644.48	900.07	1,647.90	1,619.06	28.85	57.128	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,200.00	4,971.21	4,821.60	4,726.40	18.24	14.10	134.78	-658.54	913.65	1,685.22	1,655.74	29.48	57.165	
5,300.00	5,065.90	4,914.11	4,816.82	18.65	14.40	135.03	-672.60	927.23	1,722.57	1,692.45	30.12	57.192	
5,400.00	5,160.60	5,006.61	4,907.24	19.07	14.70	135.27	-686.67	940.81	1,759.95	1,729.18	30.76	57.211	
5,500.00	5,255.29	5,100.88	4,997.66	19.48	15.01	135.49	-700.73	954.39	1,797.35	1,765.93	31.42	57.213	
5,600.00	5,349.98	5,208.37	5,088.07	19.90	15.37	135.71	-714.79	967.97	1,834.77	1,802.66	32.11	57.135	
5,700.00	5,444.67	5,284.13	5,178.49	20.32	15.62	135.93	-728.85	981.55	1,872.22	1,839.50	32.72	57.225	
5,800.00	5,539.37	5,376.64	5,268.91	20.74	15.93	136.13	-742.92	995.13	1,909.68	1,876.31	33.38	57.218	
5,900.00	5,634.06	5,469.15	5,359.33	21.17	16.24	136.32	-756.98	1,008.71	1,947.17	1,913.13	34.04	57.207	
6,000.00	5,728.75	5,561.66	5,449.74	21.59	16.56	136.51	-771.04	1,022.29	1,984.68	1,949.98	34.70	57.191	
6,100.00	5,823.45	5,654.16	5,540.16	22.02	16.87	136.69	-785.10	1,035.87	2,022.20	1,986.83	35.37	57.172	
6,200.00	5,918.14	5,746.67	5,630.58	22.45	17.19	136.86	-799.16	1,049.45	2,059.74	2,023.70	36.04	57.149	
6,300.00	6,012.83	5,839.18	5,721.00	22.88	17.51	137.03	-813.23	1,063.03	2,097.30	2,060.58	36.71	57.124	
6,400.00	6,107.53	5,931.68	5,811.42	23.31	17.83	137.19	-827.29	1,076.61	2,134.87	2,097.48	37.39	57.096	
6,500.00	6,202.22	6,024.19	5,901.83	23.74	18.15	137.35	-841.35	1,090.19	2,172.45	2,134.39	38.07	57.065	
6,600.00	6,296.91	6,116.70	5,992.25	24.17	18.47	137.50	-855.41	1,103.77	2,210.05	2,171.30	38.75	57.033	
6,700.00	6,391.60	6,209.21	6,082.67	24.60	18.79	137.65	-869.48	1,117.35	2,247.67	2,208.23	39.43	56.999	
6,800.00	6,486.30	6,301.71	6,173.09	25.04	19.12	137.79	-883.54	1,130.93	2,285.29	2,245.17	40.12	56.963	
6,900.00	6,580.99	6,405.78	6,263.51	25.47	19.48	137.93	-897.60	1,144.51	2,322.92	2,282.08	40.84	56.873	
7,000.00	6,675.68	6,486.73	6,353.92	25.91	19.77	138.06	-911.66	1,158.09	2,360.57	2,319.08	41.50	56.888	
7,100.00	6,769.01	6,578.67	6,443.79	26.37	20.09	123.48	-925.64	1,171.59	2,398.36	2,356.16	42.21	56.825	
7,200.00	6,857.00	6,747.94	6,604.86	26.93	20.76	112.36	-950.68	1,215.39	2,434.92	2,391.39	43.53	55.937	
7,300.00	6,937.46	6,941.77	6,767.82	27.60	21.79	104.70	-975.98	1,315.82	2,467.13	2,421.75	45.38	54.366	
7,400.00	7,008.38	7,138.90	6,895.27	28.37	23.10	98.76	-995.73	1,463.85	2,493.87	2,446.19	47.68	52.306	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	90.44	-1.82	239.99	240.00				
100.00	100.00	103.00	97.00	3.28	3.28	90.44	-1.82	239.99	240.00	232.47	7.53	31.875	
200.00	200.00	197.00	197.00	3.31	3.30	90.44	-1.82	239.99	240.00	232.42	7.57	31.691	CC, ES
300.00	300.00	290.37	290.36	3.35	3.34	45.03	-2.53	241.23	241.18	233.53	7.65	31.513	
400.00	399.95	383.36	383.23	3.42	3.40	45.97	-4.74	245.08	243.29	235.53	7.76	31.334	
500.00	499.74	475.93	475.51	3.51	3.47	47.74	-8.43	251.51	246.01	238.10	7.91	31.100	
600.00	599.24	567.89	566.88	3.62	3.57	50.29	-13.57	260.45	249.70	241.61	8.09	30.857	
700.00	698.33	659.02	657.06	3.76	3.70	53.51	-20.09	271.82	254.88	246.57	8.31	30.664	
800.00	796.90	751.60	748.23	3.93	3.86	57.37	-28.09	285.77	261.99	253.40	8.59	30.516	
900.00	894.81	848.90	843.92	4.14	4.07	61.84	-36.85	301.03	269.53	260.59	8.94	30.148	
1,000.00	991.96	945.61	939.04	4.40	4.30	66.63	-45.56	316.20	277.40	268.05	9.36	29.646	
1,100.00	1,088.23	1,041.62	1,033.46	4.71	4.55	71.69	-54.20	331.26	286.22	276.37	9.84	29.075	
1,200.00	1,183.49	1,136.80	1,127.08	5.07	4.82	76.94	-62.77	346.19	296.62	286.21	10.41	28.497	
1,300.00	1,278.18	1,231.51	1,220.22	5.48	5.10	82.30	-71.30	361.05	309.47	298.43	11.04	28.031	
1,400.00	1,372.87	1,326.22	1,313.37	5.91	5.39	87.22	-79.82	375.91	325.00	313.28	11.72	27.738	
1,500.00	1,467.57	1,420.93	1,406.52	6.37	5.69	91.71	-88.35	390.76	342.83	330.41	12.42	27.596	
1,600.00	1,562.26	1,515.64	1,499.67	6.85	6.01	95.75	-96.87	405.62	362.64	349.48	13.15	27.567	
1,700.00	1,656.95	1,610.35	1,592.81	7.34	6.33	99.39	-105.40	420.48	384.11	370.20	13.90	27.631	
1,800.00	1,751.65	1,705.06	1,685.96	7.85	6.65	102.65	-113.92	435.33	406.97	392.32	14.66	27.762	
1,900.00	1,846.34	1,800.23	1,779.11	8.13	6.99	105.57	-122.45	450.19	431.02	416.01	15.01	28.713	
2,000.00	1,941.03	1,905.52	1,872.26	8.21	7.18	108.20	-130.97	465.05	456.06	440.98	15.08	30.247	
2,100.00	2,035.73	1,989.19	1,965.40	8.32	7.21	110.55	-139.50	479.90	481.94	466.73	15.20	31.701	
2,200.00	2,130.42	2,083.89	2,058.55	8.45	7.27	112.67	-148.03	494.76	508.52	493.16	15.36	33.100	
2,300.00	2,225.11	2,178.60	2,151.70	8.60	7.34	114.59	-156.55	509.62	535.71	520.16	15.56	34.437	
2,400.00	2,319.81	2,273.31	2,244.85	8.78	7.42	116.32	-165.08	524.48	563.42	547.64	15.78	35.702	
2,500.00	2,414.50	2,368.02	2,337.99	8.97	7.52	117.89	-173.60	539.33	591.57	575.53	16.04	36.890	
2,600.00	2,509.19	2,462.73	2,431.14	9.19	7.63	119.33	-182.13	554.19	620.10	603.78	16.32	37.996	
2,700.00	2,603.88	2,557.44	2,524.29	9.42	7.75	120.64	-190.65	569.05	648.97	632.34	16.63	39.020	
2,800.00	2,698.58	2,652.15	2,617.44	9.66	7.89	121.84	-199.18	583.90	678.13	661.16	16.97	39.961	
2,900.00	2,793.27	2,746.86	2,710.58	9.93	8.04	122.94	-207.71	598.76	707.54	690.20	17.33	40.823	
3,000.00	2,887.96	2,841.57	2,803.73	10.20	8.20	123.95	-216.23	613.62	737.17	719.45	17.72	41.607	
3,100.00	2,982.66	2,936.28	2,896.88	10.49	8.37	124.89	-224.76	628.47	767.01	748.88	18.12	42.318	
3,200.00	3,077.35	3,030.99	2,990.03	10.79	8.54	125.76	-233.28	643.33	797.01	778.46	18.55	42.960	
3,300.00	3,172.04	3,125.70	3,083.17	11.10	8.73	126.56	-241.81	658.19	827.18	808.18	19.00	43.539	
3,400.00	3,266.74	3,220.41	3,176.32	11.42	8.93	127.31	-250.33	673.04	857.49	838.02	19.46	44.058	
3,500.00	3,361.43	3,315.12	3,269.47	11.75	9.13	128.01	-258.86	687.90	887.92	867.97	19.94	44.522	
3,600.00	3,456.12	3,409.83	3,362.62	12.09	9.35	128.67	-267.39	702.76	918.46	898.02	20.44	44.939	
3,700.00	3,550.81	3,504.54	3,455.76	12.44	9.57	129.28	-275.91	717.62	949.11	928.16	20.95	45.307	
3,800.00	3,645.51	3,600.75	3,548.91	12.79	9.80	129.85	-284.44	732.47	979.85	958.37	21.47	45.627	
3,900.00	3,740.20	3,706.04	3,642.06	13.15	10.05	130.39	-292.96	747.33	1,010.67	988.64	22.04	45.866	
4,000.00	3,834.89	3,788.67	3,735.21	13.52	10.26	130.90	-301.49	762.19	1,041.57	1,019.02	22.55	46.182	
4,100.00	3,929.59	3,883.38	3,828.36	13.89	10.51	131.38	-310.01	777.04	1,072.54	1,049.43	23.11	46.409	
4,200.00	4,024.28	3,978.08	3,921.50	14.26	10.75	131.83	-318.54	791.90	1,103.58	1,079.90	23.68	46.609	
4,300.00	4,118.97	4,072.79	4,014.65	14.65	11.01	132.25	-327.07	806.76	1,134.67	1,110.42	24.25	46.784	
4,400.00	4,213.67	4,167.50	4,107.80	15.03	11.26	132.66	-335.59	821.61	1,165.82	1,140.99	24.84	46.938	
4,500.00	4,308.36	4,262.21	4,200.95	15.42	11.52	133.04	-344.12	836.47	1,197.02	1,171.59	25.43	47.071	
4,600.00	4,403.05	4,356.92	4,294.09	15.81	11.79	133.41	-352.64	851.33	1,228.27	1,202.24	26.03	47.188	
4,700.00	4,497.74	4,451.63	4,387.24	16.21	12.06	133.75	-361.17	866.19	1,259.55	1,232.92	26.64	47.288	
4,800.00	4,592.44	4,546.34	4,480.39	16.61	12.33	134.08	-369.69	881.04	1,290.88	1,263.63	27.25	47.374	
4,900.00	4,687.13	4,641.05	4,573.54	17.01	12.60	134.40	-378.22	895.90	1,322.25	1,294.38	27.87	47.448	
5,000.00	4,781.82	4,735.76	4,666.68	17.42	12.88	134.69	-386.75	910.76	1,353.64	1,325.15	28.49	47.510	
5,100.00	4,876.52	4,830.47	4,759.83	17.83	13.16	134.98	-395.27	925.61	1,385.07	1,355.95	29.12	47.563	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,971.21	4,925.18	4,852.98	18.24	13.44	135.25	-403.80	940.47	1,416.53	1,386.78	29.76	47.606		
5,300.00	5,065.90	5,019.89	4,946.13	18.65	13.73	135.52	-412.32	955.33	1,448.02	1,417.63	30.39	47.641		
5,400.00	5,160.60	5,114.60	5,039.27	19.07	14.02	135.77	-420.85	970.18	1,479.54	1,448.50	31.04	47.668		
5,500.00	5,255.29	5,209.31	5,132.42	19.48	14.31	136.01	-429.37	985.04	1,511.08	1,479.39	31.69	47.690		
5,600.00	5,349.98	5,304.02	5,225.57	19.90	14.60	136.24	-437.90	999.90	1,542.64	1,510.30	32.34	47.705		
5,700.00	5,444.67	5,401.27	5,318.72	20.32	14.90	136.46	-446.43	1,014.75	1,574.22	1,541.22	33.00	47.704		
5,800.00	5,539.37	5,493.44	5,411.86	20.74	15.19	136.67	-454.95	1,029.61	1,605.82	1,572.17	33.65	47.721		
5,900.00	5,634.06	5,588.15	5,505.01	21.17	15.48	136.87	-463.48	1,044.47	1,637.45	1,603.13	34.31	47.722		
6,000.00	5,728.75	5,682.86	5,598.16	21.59	15.78	137.07	-472.00	1,059.33	1,669.09	1,634.11	34.98	47.720		
6,100.00	5,823.45	5,777.56	5,691.31	22.02	16.08	137.26	-480.53	1,074.18	1,700.74	1,665.10	35.64	47.714		
6,200.00	5,918.14	5,872.27	5,784.45	22.45	16.38	137.44	-489.05	1,089.04	1,732.42	1,696.10	36.31	47.706		
6,300.00	6,012.83	5,966.98	5,877.60	22.88	16.68	137.62	-497.58	1,103.90	1,764.11	1,727.12	36.99	47.694		
6,400.00	6,107.53	6,061.69	5,970.75	23.31	16.99	137.79	-506.10	1,118.75	1,795.81	1,758.15	37.66	47.681		
6,500.00	6,202.22	6,156.40	6,063.90	23.74	17.29	137.95	-514.63	1,133.61	1,827.53	1,789.19	38.34	47.665		
6,600.00	6,296.91	6,251.11	6,157.04	24.17	17.60	138.11	-523.16	1,148.47	1,859.26	1,820.24	39.02	47.648		
6,700.00	6,391.60	6,345.82	6,250.19	24.60	17.91	138.26	-531.68	1,163.32	1,891.00	1,851.30	39.70	47.628		
6,800.00	6,486.30	6,440.53	6,343.34	25.04	18.21	138.41	-540.21	1,178.18	1,922.75	1,882.37	40.39	47.608		
6,900.00	6,580.99	6,535.24	6,436.49	25.47	18.52	138.55	-548.73	1,193.04	1,954.52	1,913.45	41.07	47.586		
7,000.00	6,675.68	6,629.95	6,529.63	25.91	18.83	138.69	-557.26	1,207.89	1,986.30	1,944.53	41.76	47.563		
7,100.00	6,769.01	6,751.33	6,648.32	26.37	19.25	124.69	-568.11	1,230.48	2,018.02	1,975.37	42.64	47.326		
7,200.00	6,857.00	6,912.15	6,796.05	26.93	19.99	113.78	-581.47	1,291.52	2,047.46	2,003.42	44.04	46.492		
7,300.00	6,937.46	7,075.48	6,925.69	27.60	20.97	106.29	-593.02	1,389.45	2,073.34	2,027.52	45.81	45.257		
7,400.00	7,008.38	7,236.05	7,024.94	28.37	22.16	100.65	-601.66	1,514.83	2,095.02	2,047.10	47.93	43.714		
7,500.00	7,068.02	7,389.10	7,087.70	29.23	23.51	96.20	-606.87	1,653.92	2,112.18	2,061.89	50.29	41.996		
7,600.00	7,114.92	7,531.54	7,114.90	30.17	24.91	92.67	-608.81	1,793.42	2,124.72	2,071.93	52.79	40.251		
7,700.00	7,147.92	7,642.32	7,116.80	31.17	26.08	90.21	-608.53	1,904.14	2,132.92	2,077.88	55.03	38.756		
7,800.00	7,166.21	7,740.36	7,116.46	32.22	27.17	88.92	-608.09	2,002.19	2,137.65	2,080.41	57.24	37.346		
7,900.00	7,169.96	7,840.20	7,116.11	33.29	28.34	88.64	-607.65	2,102.03	2,138.72	2,079.15	59.56	35.907		
8,000.00	7,169.81	7,940.20	7,115.76	34.40	29.56	88.63	-607.21	2,202.02	2,138.77	2,076.79	61.98	34.508		
8,100.00	7,169.67	8,040.20	7,115.41	35.55	30.82	88.63	-606.77	2,302.02	2,138.83	2,074.35	64.48	33.170		
8,200.00	7,169.52	8,140.20	7,115.07	36.73	32.13	88.62	-606.32	2,402.02	2,138.89	2,071.83	67.05	31.898		
8,300.00	7,169.38	8,240.20	7,114.72	37.96	33.47	88.62	-605.88	2,502.02	2,138.94	2,069.25	69.69	30.691		
8,400.00	7,169.23	8,340.20	7,114.37	39.21	34.84	88.61	-605.44	2,602.02	2,139.00	2,066.61	72.39	29.548		
8,500.00	7,169.08	8,440.20	7,114.02	40.50	36.23	88.61	-604.99	2,702.01	2,139.06	2,063.92	75.14	28.467		
8,600.00	7,168.94	8,540.20	7,113.67	41.81	37.65	88.60	-604.55	2,802.01	2,139.12	2,061.18	77.94	27.446		
8,700.00	7,168.79	8,640.20	7,113.32	43.15	39.09	88.59	-604.11	2,902.01	2,139.17	2,058.40	80.78	26.483		
8,800.00	7,168.65	8,740.20	7,112.97	44.51	40.54	88.59	-603.67	3,002.01	2,139.23	2,055.58	83.65	25.573		
8,900.00	7,168.50	8,840.20	7,112.62	45.89	42.02	88.58	-603.22	3,102.01	2,139.29	2,052.73	86.56	24.714		
9,000.00	7,168.36	8,940.20	7,112.27	47.29	43.51	88.58	-602.78	3,202.01	2,139.34	2,049.84	89.50	23.903		
9,100.00	7,168.21	9,040.20	7,111.92	48.70	45.01	88.57	-602.34	3,302.00	2,139.40	2,046.93	92.47	23.137		
9,200.00	7,168.06	9,140.20	7,111.57	50.13	46.52	88.57	-601.90	3,402.00	2,139.46	2,044.00	95.46	22.413		
9,300.00	7,167.92	9,240.20	7,111.22	51.58	48.05	88.56	-601.45	3,502.00	2,139.52	2,041.04	98.47	21.727		
9,400.00	7,167.77	9,340.20	7,110.88	53.04	49.58	88.56	-601.01	3,602.00	2,139.57	2,038.07	101.51	21.078		
9,500.00	7,167.63	9,440.20	7,110.53	54.51	51.12	88.55	-600.57	3,702.00	2,139.63	2,035.07	104.56	20.463		
9,600.00	7,167.48	9,540.20	7,110.18	55.99	52.67	88.55	-600.12	3,801.99	2,139.69	2,032.06	107.63	19.880		
9,700.00	7,167.34	9,640.20	7,109.83	57.48	54.23	88.54	-599.68	3,901.99	2,139.75	2,029.03	110.72	19.326		
9,800.00	7,167.19	9,740.20	7,109.48	58.98	55.80	88.53	-599.24	4,001.99	2,139.80	2,025.98	113.82	18.800		
9,900.00	7,167.04	9,840.20	7,109.13	60.49	57.37	88.53	-598.80	4,101.99	2,139.86	2,022.93	116.93	18.300		
10,000.00	7,166.90	9,940.20	7,108.78	62.01	58.94	88.52	-598.35	4,201.99	2,139.92	2,019.86	120.06	17.824		
10,100.00	7,166.75	10,040.20	7,108.43	63.54	60.52	88.52	-597.91	4,301.99	2,139.97	2,016.78	123.20	17.370		
10,200.00	7,166.61	10,140.20	7,108.08	65.07	62.11	88.51	-597.47	4,401.98	2,140.03	2,013.69	126.35	16.938		
10,300.00	7,166.46	10,240.20	7,107.73	66.61	63.70	88.51	-597.03	4,501.98	2,140.09	2,010.58	129.50	16.525		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,166.32	10,340.20	7,107.38	68.16	65.30	88.50	-596.58	4,601.98	2,140.15	2,007.48	132.67	16.131		
10,500.00	7,166.17	10,440.20	7,107.04	69.71	66.90	88.50	-596.14	4,701.98	2,140.20	2,004.36	135.85	15.754		
10,600.00	7,166.02	10,540.20	7,106.69	71.26	68.50	88.49	-595.70	4,801.98	2,140.26	2,001.23	139.03	15.394		
10,700.00	7,165.88	10,640.20	7,106.34	72.83	70.10	88.49	-595.25	4,901.97	2,140.32	1,998.10	142.22	15.049		
10,800.00	7,165.73	10,740.20	7,105.99	74.39	71.71	88.48	-594.81	5,001.97	2,140.38	1,994.96	145.42	14.719		
10,900.00	7,165.59	10,840.20	7,105.64	75.97	73.32	88.48	-594.37	5,101.97	2,140.43	1,991.81	148.62	14.402		
11,000.00	7,165.44	10,940.20	7,105.29	77.54	74.94	88.47	-593.93	5,201.97	2,140.49	1,988.66	151.83	14.098		
11,100.00	7,165.29	11,040.20	7,104.94	79.12	76.56	88.46	-593.48	5,301.97	2,140.55	1,985.50	155.05	13.806		
11,200.00	7,165.15	11,140.20	7,104.59	80.70	78.18	88.46	-593.04	5,401.97	2,140.61	1,982.34	158.27	13.525		
11,300.00	7,165.00	11,240.20	7,104.24	82.29	79.80	88.45	-592.60	5,501.96	2,140.67	1,979.17	161.49	13.255		
11,400.00	7,164.86	11,340.20	7,103.89	83.88	81.42	88.45	-592.15	5,601.96	2,140.72	1,976.00	164.72	12.996		
11,500.00	7,164.71	11,440.20	7,103.54	85.47	83.05	88.44	-591.71	5,701.96	2,140.78	1,972.82	167.96	12.746		
11,600.00	7,164.57	11,540.20	7,103.19	87.07	84.67	88.44	-591.27	5,801.96	2,140.84	1,969.64	171.20	12.505		
11,700.00	7,164.42	11,640.20	7,102.85	88.67	86.30	88.43	-590.83	5,901.96	2,140.90	1,966.46	174.44	12.273		
11,800.00	7,164.27	11,740.20	7,102.50	90.27	87.93	88.43	-590.38	6,001.96	2,140.95	1,963.27	177.69	12.049		
11,900.00	7,164.13	11,840.20	7,102.15	91.87	89.56	88.42	-589.94	6,101.95	2,141.01	1,960.08	180.94	11.833		
12,000.00	7,163.98	11,940.20	7,101.80	93.48	91.20	88.42	-589.50	6,201.95	2,141.07	1,956.88	184.19	11.624		
12,100.00	7,163.84	12,040.20	7,101.45	95.09	92.83	88.41	-589.06	6,301.95	2,141.13	1,953.68	187.45	11.423		
12,200.00	7,163.69	12,140.20	7,101.10	96.70	94.47	88.41	-588.61	6,401.95	2,141.19	1,950.48	190.70	11.228		
12,300.00	7,163.55	12,240.19	7,100.75	98.31	96.11	88.40	-588.17	6,501.95	2,141.24	1,947.28	193.97	11.039		
12,400.00	7,163.40	12,340.19	7,100.40	99.93	97.75	88.39	-587.73	6,601.94	2,141.30	1,944.07	197.23	10.857		
12,500.00	7,163.25	12,440.19	7,100.05	101.54	99.39	88.39	-587.28	6,701.94	2,141.36	1,940.86	200.50	10.680		
12,600.00	7,163.11	12,540.19	7,099.70	103.16	101.03	88.38	-586.84	6,801.94	2,141.42	1,937.65	203.77	10.509		
12,700.00	7,162.96	12,640.19	7,099.35	104.78	102.67	88.38	-586.40	6,901.94	2,141.47	1,934.43	207.04	10.343		
12,800.00	7,162.82	12,740.19	7,099.01	106.41	104.31	88.37	-585.96	7,001.94	2,141.53	1,931.22	210.31	10.183		
12,900.00	7,162.67	12,840.19	7,098.66	108.03	105.96	88.37	-585.51	7,101.94	2,141.59	1,928.00	213.59	10.027		
13,000.00	7,162.53	12,940.19	7,098.31	109.65	107.60	88.36	-585.07	7,201.93	2,141.65	1,924.78	216.87	9.875		
13,100.00	7,162.38	13,040.19	7,097.96	111.28	109.25	88.36	-584.63	7,301.93	2,141.71	1,921.56	220.15	9.728		
13,200.00	7,162.23	13,140.19	7,097.61	112.91	110.89	88.35	-584.19	7,401.93	2,141.76	1,918.33	223.43	9.586		
13,300.00	7,162.09	13,240.19	7,097.26	114.54	112.54	88.35	-583.74	7,501.93	2,141.82	1,915.11	226.71	9.447		
13,400.00	7,161.94	13,340.19	7,096.91	116.17	114.19	88.34	-583.30	7,601.93	2,141.88	1,911.88	230.00	9.313		
13,500.00	7,161.80	13,440.19	7,096.56	117.80	115.84	88.33	-582.86	7,701.92	2,141.94	1,908.65	233.29	9.182		
13,600.00	7,161.65	13,540.19	7,096.21	119.43	117.49	88.33	-582.41	7,801.92	2,142.00	1,905.42	236.57	9.054		
13,700.00	7,161.51	13,640.19	7,095.86	121.06	119.14	88.32	-581.97	7,901.92	2,142.05	1,902.19	239.86	8.930		
13,800.00	7,161.36	13,740.19	7,095.51	122.70	120.79	88.32	-581.53	8,001.92	2,142.11	1,898.96	243.15	8.810		
13,900.00	7,161.21	13,840.19	7,095.16	124.33	122.44	88.31	-581.09	8,101.92	2,142.17	1,895.72	246.45	8.692		
14,000.00	7,161.07	13,940.19	7,094.82	125.97	124.09	88.31	-580.64	8,201.92	2,142.23	1,892.49	249.74	8.578		
14,100.00	7,160.92	14,040.19	7,094.47	127.61	125.74	88.30	-580.20	8,301.91	2,142.29	1,889.25	253.04	8.466		
14,200.00	7,160.78	14,140.19	7,094.12	129.24	127.39	88.30	-579.76	8,401.91	2,142.35	1,886.01	256.33	8.358		
14,300.00	7,160.63	14,240.19	7,093.77	130.88	129.05	88.29	-579.31	8,501.91	2,142.40	1,882.77	259.63	8.252		
14,400.00	7,160.49	14,340.19	7,093.42	132.52	130.70	88.29	-578.87	8,601.91	2,142.46	1,879.53	262.93	8.148		
14,500.00	7,160.34	14,440.19	7,093.07	134.16	132.36	88.28	-578.43	8,701.91	2,142.52	1,876.29	266.23	8.048		
14,600.00	7,160.19	14,540.19	7,092.72	135.80	134.01	88.28	-577.99	8,801.90	2,142.58	1,873.05	269.53	7.949		
14,700.00	7,160.05	14,640.19	7,092.37	137.45	135.66	88.27	-577.54	8,901.90	2,142.64	1,869.81	272.83	7.853		
14,800.00	7,159.90	14,740.19	7,092.02	139.09	137.32	88.26	-577.10	9,001.90	2,142.70	1,866.56	276.13	7.760		
14,900.00	7,159.76	14,840.19	7,091.67	140.73	138.98	88.26	-576.66	9,101.90	2,142.75	1,863.32	279.44	7.668		
15,000.00	7,159.61	14,940.19	7,091.32	142.38	140.63	88.25	-576.22	9,201.90	2,142.81	1,860.07	282.74	7.579		
15,100.00	7,159.47	15,040.19	7,090.98	144.02	142.29	88.25	-575.77	9,301.90	2,142.87	1,856.82	286.05	7.491		
15,200.00	7,159.32	15,140.19	7,090.63	145.67	143.95	88.24	-575.33	9,401.89	2,142.93	1,853.58	289.35	7.406		
15,300.00	7,159.17	15,240.19	7,090.28	147.31	145.60	88.24	-574.89	9,501.89	2,142.99	1,850.33	292.66	7.322		
15,400.00	7,159.03	15,340.19	7,089.93	148.96	147.26	88.23	-574.44	9,601.89	2,143.05	1,847.08	295.97	7.241		
15,500.00	7,158.88	15,440.19	7,089.58	150.61	148.92	88.23	-574.00	9,701.89	2,143.10	1,843.83	299.27	7.161		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,158.74	15,540.19	7,089.23	152.26	150.58	88.22	-573.56	9,801.89	2,143.16	1,840.58	302.58	7.083	
15,700.00	7,158.59	15,640.19	7,088.88	153.90	152.24	88.22	-573.12	9,901.88	2,143.22	1,837.33	305.89	7.006	
15,800.00	7,158.44	15,740.19	7,088.53	155.55	153.90	88.21	-572.67	10,001.88	2,143.28	1,834.08	309.20	6.932	
15,900.00	7,158.30	15,840.19	7,088.18	157.20	155.56	88.21	-572.23	10,101.88	2,143.34	1,830.82	312.51	6.858	
16,000.00	7,158.15	15,940.19	7,087.83	158.85	157.21	88.20	-571.79	10,201.88	2,143.40	1,827.57	315.83	6.787	
16,100.00	7,158.01	16,040.19	7,087.48	160.50	158.87	88.19	-571.34	10,301.88	2,143.45	1,824.32	319.14	6.716	
16,200.00	7,157.86	16,140.19	7,087.13	162.15	160.53	88.19	-570.90	10,401.88	2,143.51	1,821.06	322.45	6.648	
16,300.00	7,157.72	16,240.19	7,086.79	163.80	162.20	88.18	-570.46	10,501.87	2,143.57	1,817.81	325.76	6.580	
16,400.00	7,157.57	16,340.19	7,086.44	165.46	163.86	88.18	-570.02	10,601.87	2,143.63	1,814.55	329.08	6.514	
16,500.00	7,157.42	16,440.19	7,086.09	167.11	165.52	88.17	-569.57	10,701.87	2,143.69	1,811.30	332.39	6.449	
16,600.00	7,157.28	16,540.19	7,085.74	168.76	167.18	88.17	-569.13	10,801.87	2,143.75	1,808.04	335.71	6.386	
16,700.00	7,157.13	16,640.19	7,085.39	170.41	168.84	88.16	-568.69	10,901.87	2,143.81	1,804.78	339.02	6.323	
16,800.00	7,156.99	16,740.19	7,085.04	172.07	170.50	88.16	-568.25	11,001.86	2,143.87	1,801.53	342.34	6.262	
16,900.00	7,156.84	16,840.18	7,084.69	173.72	172.16	88.15	-567.80	11,101.86	2,143.92	1,798.27	345.65	6.203	
17,000.00	7,156.70	16,940.18	7,084.34	175.37	173.82	88.15	-567.36	11,201.86	2,143.98	1,795.01	348.97	6.144	
17,100.00	7,156.55	17,040.18	7,083.99	177.03	175.49	88.14	-566.92	11,301.86	2,144.04	1,791.75	352.29	6.086	
17,200.00	7,156.40	17,140.18	7,083.64	178.68	177.15	88.14	-566.47	11,401.86	2,144.10	1,788.49	355.61	6.029	
17,300.00	7,156.26	17,240.18	7,083.29	180.34	178.81	88.13	-566.03	11,501.86	2,144.16	1,785.24	358.92	5.974	
17,400.00	7,156.11	17,340.18	7,082.95	181.99	180.47	88.12	-565.59	11,601.85	2,144.22	1,781.98	362.24	5.919	
17,500.00	7,155.97	17,440.18	7,082.60	183.65	182.14	88.12	-565.15	11,701.85	2,144.28	1,778.72	365.56	5.866	
17,600.00	7,155.82	17,540.18	7,082.25	185.30	183.80	88.11	-564.70	11,801.85	2,144.34	1,775.45	368.88	5.813	
17,700.00	7,155.68	17,640.18	7,081.90	186.96	185.46	88.11	-564.26	11,901.85	2,144.39	1,772.19	372.20	5.761	
17,800.00	7,155.53	17,740.18	7,081.55	188.62	187.13	88.10	-563.82	12,001.85	2,144.45	1,768.93	375.52	5.711	
17,900.00	7,155.38	17,840.18	7,081.20	190.27	188.79	88.10	-563.38	12,101.84	2,144.51	1,765.67	378.84	5.661	
18,000.00	7,155.24	17,940.18	7,080.85	191.93	190.45	88.09	-562.93	12,201.84	2,144.57	1,762.41	382.16	5.612	
18,001.45	7,155.24	17,941.63	7,080.85	191.95	190.48	88.09	-562.93	12,203.29	2,144.57	1,762.36	382.21	5.611	
18,100.00	7,155.09	17,997.31	7,080.65	193.59	191.40	88.09	-562.68	12,258.97	2,145.06	1,760.51	384.55	5.578 SF	
18,200.00	7,154.95	17,997.31	7,080.65	195.24	191.40	88.09	-562.68	12,258.97	2,149.44	1,764.34	385.10	5.582	
18,263.53	7,154.85	17,997.31	7,080.65	196.30	191.40	88.09	-562.68	12,258.97	2,154.64	1,769.60	385.03	5.596	

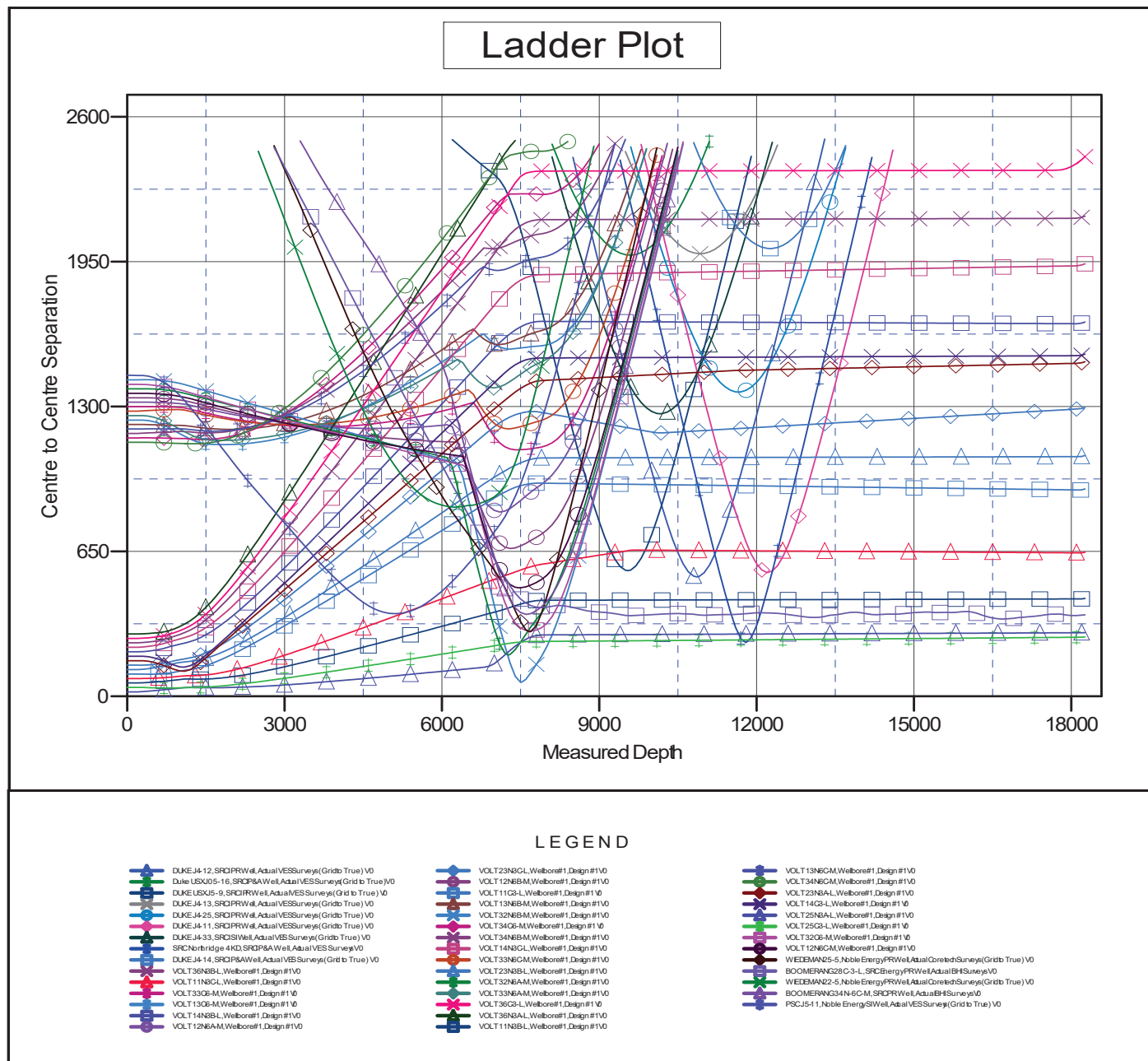
Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Central Meridian is -105.500000

Grid Convergence at Surface is: 0.45°



Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 25N-3C-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4820.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 25N-3C-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4820.00usft (IKON 12)

Offset Depths are relative to Offset Datum

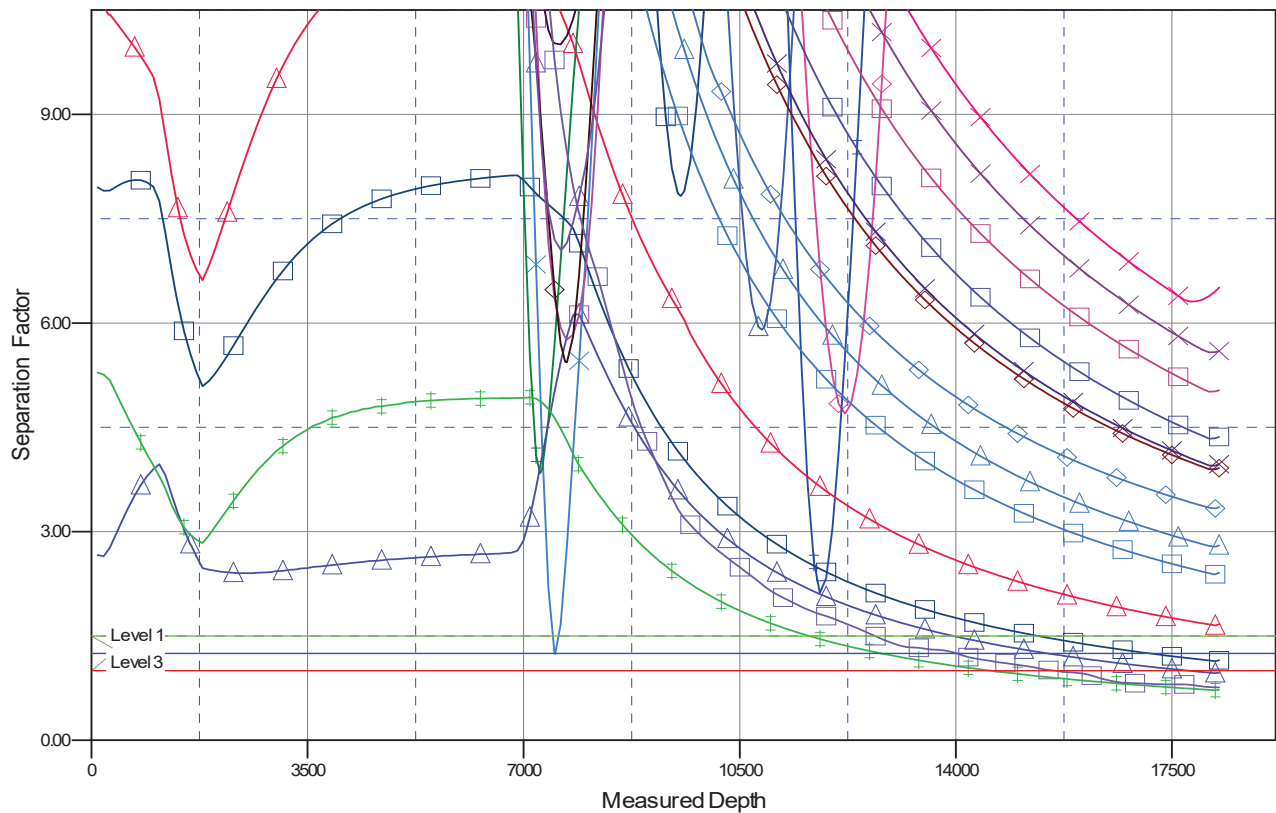
Central Meridian is -105.500000

Coordinates are relative to: VOLT 25N-3C-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

Separation Factor Plot



LEGEND

DUKE-J4-12, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 23NBCL Wellbore#1, Design#1 V0	VOLT 13NBCL Wellbore#1, Design#1 V0
DUKE-USX05-16, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 12NBCL Wellbore#1, Design#1 V0	VOLT 34NBCL Wellbore#1, Design#1 V0
DUKE-USX05-9, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 11NBCL Wellbore#1, Design#1 V0	VOLT 23NBCL Wellbore#1, Design#1 V0
DUKE-J4-13, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 13NBCL Wellbore#1, Design#1 V0	VOLT 14NBCL Wellbore#1, Design#1 V0
DUKE-J4-25, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 12NBCL Wellbore#1, Design#1 V0	VOLT 25NBCL Wellbore#1, Design#1 V0
DUKE-J4-11, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 34NBCL Wellbore#1, Design#1 V0	VOLT 25NBCL Wellbore#1, Design#1 V0
DUKE-J4-33, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 34NBCL Wellbore#1, Design#1 V0	VOLT 32NBCL Wellbore#1, Design#1 V0
DUKE-J4-14, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 14NBCL Wellbore#1, Design#1 V0	VOLT 12NBCL Wellbore#1, Design#1 V0
VOLT 11NBCL Wellbore#1, Design#1 V0	VOLT 33NBCL Wellbore#1, Design#1 V0	WEDMAN25-5, Noble Energy PRWell, Actual BH Surveys V0
VOLT 33NBCL Wellbore#1, Design#1 V0	VOLT 23NBCL Wellbore#1, Design#1 V0	BOOMERANG25-5, Noble Energy PRWell, Actual BH Surveys V0
VOLT 13NBCL Wellbore#1, Design#1 V0	VOLT 32NBCL Wellbore#1, Design#1 V0	BOOMERANG34N-6C-M, SRQPRWell, Actual BH Surveys V0
VOLT 33NBCL Wellbore#1, Design#1 V0	VOLT 33NBCL Wellbore#1, Design#1 V0	PSCJ5-11, Noble Energy SWell, Actual VES Surveys (Grid to True) V0
VOLT 13NBCL Wellbore#1, Design#1 V0	VOLT 36NBCL Wellbore#1, Design#1 V0	
VOLT 14NBCL Wellbore#1, Design#1 V0	VOLT 11NBCL Wellbore#1, Design#1 V0	