

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
5N-66W-07 BOST FARM 5-7 PAD
BOST FARM 4C-11-L**

**Wellbore #1
Design #1**

Anticollision Report

28 December, 2017

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 1,200.00 usft	Error Surface:	Pedal Curve		
Warning Levels Evaluated at:	2.45 Sigma	Casing Method:	Added to Error Values		

Survey Tool Program		Date	12/28/2017		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	1,750.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination		
1,750.00	17,408.99	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination		

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-07 BOST FARM 5-7 PAD						
BOST FARM 12C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 12N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 12N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 13C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 13N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 16C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 16N-8A-L - Wellbore #1 - Design #1						Out of range
BOST FARM 16N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	269.92	271.69	180.93	173.31	23.730	CC
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	7,085.92	7,672.85	195.31	140.99	3.596	ES, SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	7,244.99	7,655.04	116.24	61.70	2.131	CC, ES, SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	200.00	203.00	181.15	173.58	23.931	CC
BOST FARM 26C-8-L - Wellbore #1 - Design #1	7,500.00	7,533.21	227.02	171.09	4.059	ES, SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	200.00	203.00	184.60	177.03	24.387	CC
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	300.00	300.06	184.67	177.01	24.128	ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,183.23	7,703.16	475.85	420.33	8.570	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	283.82	283.43	39.79	32.15	5.210	CC
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	17,409.36	17,304.13	537.73	-18.68	0.966	Level 1, ES, SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	283.83	283.64	19.74	12.10	2.584	CC
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	17,409.36	17,335.54	322.01	-186.69	0.633	Level 1, ES, SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	200.00	99.83	92.26	13.189	CC, ES
BOST FARM 31C-11-L - Wellbore #1 - Design #1	17,409.36	17,374.59	1,067.60	446.16	1.718	SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	200.00	79.79	72.22	10.542	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	200.00	79.79	72.22	10.542	ES
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	17,409.36	17,179.10	894.66	297.65	1.499	Level 3, SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	200.00	59.76	52.19	7.895	CC
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.02	200.02	59.76	52.19	7.895	ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	17,409.36	17,258.13	656.32	61.22	1.103	Level 2, SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	200.00	179.97	172.40	23.778	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	300.00	297.47	180.64	172.99	23.611	SF
BOST FARM 32C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	200.00	200.00	159.94	152.37	21.132	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	300.00	297.92	160.58	152.93	20.989	SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12A-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 38C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 38N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 40C-8-L - Wellbore #1 - Design #1	200.00	202.00	254.61	247.04	33.637	CC
BOST FARM 40C-8-L - Wellbore #1 - Design #1	200.18	202.18	254.61	247.04	33.637	ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	400.00	389.65	258.46	250.70	33.300	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	252.97	254.97	240.77	233.16	31.640	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	400.00	390.35	244.38	236.62	31.483	SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1						Out of range

Summary

Site Name	Reference	Offset	Distance		Separation	Warning
	Measured	Measured	Between	Between		
Offset Well - Wellbore - Design	Depth	Depth	Centres	Ellipses	Factor	
	(usft)	(usft)	(usft)	(usft)		
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 41C-8-L - Wellbore #1 - Design #1	261.25	263.43	189.62	182.00	24.895	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	7,700.00	7,317.90	679.44	623.67	12.184	SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	254.11	256.67	205.94	198.33	27.059	CC, ES
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	6,820.25	7,656.17	993.87	939.78	18.375	SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	257.27	259.65	196.88	189.26	25.860	CC, ES
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	7,000.00	7,706.51	876.45	822.54	16.258	SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	266.28	268.23	184.38	176.76	24.193	CC, ES
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	7,194.84	7,633.44	433.39	379.71	8.074	SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	200.00	40.07	32.51	5.295	CC
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	17,409.36	17,374.29	406.33	-214.50	0.654	Level 1, ES, SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	200.00	20.04	12.47	2.648	CC
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	17,409.36	17,203.20	323.21	-62.95	0.837	Level 1, ES, SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	300.00	298.36	140.51	132.86	18.364	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	200.00	119.87	112.30	15.838	CC, ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	300.00	298.89	120.42	112.77	15.738	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	251.97	254.97	228.06	220.45	29.972	CC, ES
BOST FARM 8C-8-L - Wellbore #1 - Design #1	400.00	391.97	231.46	223.69	29.813	SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	251.65	254.65	216.24	208.63	28.419	CC, ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	400.00	392.79	219.28	211.52	28.239	SF
BOST FARM 9C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8C-L - Wellbore #1 - Design #1						Out of range
5N-66W-07 Offsets						
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-13 - SRC Energy SI Well - No Surveys						Out of range
ARIEL J 7-14 - Noble Energy SI Well - Actual VES Surve						Out of range
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	2,482.77	2,460.94	957.87	944.10	69.589	CC
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	2,600.00	2,575.90	958.06	943.90	67.671	ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	6,700.00	6,627.27	1,123.80	1,090.61	33.857	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	2,444.28	2,499.18	941.02	927.36	68.856	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	3,600.00	3,509.04	1,129.19	1,111.19	62.712	SF
SAMUEL J 7-10 - SRC Energy SI Well - Actual VES Surv						Out of range
SAMUEL J 7-15 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-16 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-23 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-9 - Noble Energy SI Well - Actual VES Surv						Out of range
STEPHENS 7-11 - SRC Energy PR Well - Actual VES Su						Out of range
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su						Out of range
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	5,107.25	5,037.44	136.90	111.10	5.306	CC, ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	5,300.00	5,228.25	140.00	113.22	5.227	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	367.30	350.27	749.02	741.50	99.600	CC
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	400.00	382.26	749.04	741.48	99.118	ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	7,000.00	6,861.20	1,155.75	1,121.38	33.626	SF
5N-66W-08 Offsets Need HZ						
DRAKE 8-1 - St. James AB Well - No Surveys						Out of range
DRAKE 8-13H6 - SRC Energy PR Well - Actual VES Sur						Out of range
DRAKE 8-15H6 - Noble Energy PR Well - No Surveys						Out of range
DRAKE 8-2 - St. James AB Well - No Surveys						Out of range
MOEN 8-7H6 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve						Out of range
MOEN J 8-8 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-9 - SRC Energy SI Well - No Surveys						Out of range
WHITE 8-1 - Extraction PR Well - No Surveys						Out of range
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv						Out of range
WIEDEMAN 8-11H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-12H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S						Out of range
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES						Out of range
5N-66W-09 Offsets Incomplete						
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range

Summary							
Site Name	Reference	Offset	Distance		Separation Factor	Warning	
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)			
5N-66W-18 Offsets Incomplete							
LUNDVALL J 17-30D - Noble Energy PR Well - Actual VE						Out of range	
LUNDVALL J 18-27D - Noble Energy PR Well - Actual VE						Out of range	
LUNDVALL J 18-28D - Noble Energy PR Well - Actual VE						Out of range	
5N-67W-01 Offsets Incomplete							
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann	12,084.12	11,906.49	979.23	666.66	3.133	CC	
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann	12,100.00	11,897.00	979.40	666.64	3.131	ES, SF	
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann	12,133.89	11,969.14	534.22	223.13	1.717	CC, ES, SF	
HERTZKE 1-33 - SRC Energy SI Well - No Surveys	11,947.37	7,200.05	1,174.49	770.59	2.908	CC	
HERTZKE 1-33 - SRC Energy SI Well - No Surveys	12,000.00	7,200.29	1,175.67	770.09	2.899	ES, SF	
5N-67W-02 Offsets Incomplete							
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys	13,224.24	7,220.14	1,182.43	740.19	2.674	CC, ES	
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys	13,300.00	7,220.63	1,184.86	740.68	2.668	SF	
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys	17,128.74	7,231.20	1,115.99	557.98	2.000	CC, ES	
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys	17,200.00	7,231.66	1,118.26	558.68	1.998	SF	
5N-67W-10 Offsets Incomplete							
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P						Out of range	
5N-67W-11 Offsets Need Directional Surveys							
ARTIST 11-12 - SRC Energy SI Well - No Surveys	14,380.37	7,257.56	77.05	-400.64	0.161	Level 1, CC, ES, SF	
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S	16,539.61	7,364.17	770.96	459.98	2.479	CC, ES, SF	
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S						Out of range	
SKYWAY 3-11 Approximation - Noble Energy PR Well - *	15,903.05	7,437.78	95.54	-208.87	0.314	Level 1, CC, ES, SF	
SKYWAY 4-11 - Noble Energy PR Well - No Surveys	17,270.40	7,234.11	91.32	-470.99	0.162	Level 1, CC, ES, SF	
SKYWAY 5-11 - Noble Energy PR Well - No Surveys						Out of range	
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene						Out of range	
Skyway Federal 31-11 - Noble Energy PR Well - Actual S	17,409.36	7,344.37	714.65	428.14	2.494	CC, ES, SF	
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys	13,608.97	7,235.61	219.78	-234.36	0.484	Level 1, CC, ES, SF	
UPRR 49 PAN AM B 1 - SRC Energy PR Well - No Surve						Out of range	
5N-67W-12 Offsets							
BORESEN 1 - Noble Energy PR Well - No Surveys						Out of range	
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	8,059.83	7,319.86	128.10	67.12	2.100	CC, ES, SF	
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	8,773.51	7,252.01	746.11	662.63	8.938	CC, ES	
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	8,800.00	7,252.14	746.58	662.90	8.922	SF	
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata						Out of range	
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy	9,400.00	7,767.42	108.11	-7.34	0.936	Level 1, ES, SF	
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy	9,410.45	7,767.41	107.60	-6.34	0.944	Level 1, CC	
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range	

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis			Distance					Separation Factor	Warning	
		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)			
0.00	0.00	3.00	3.00	3.28	3.28	-95.89	-18.58	-180.15	181.10					
100.00	100.00	103.00	103.00	3.28	3.28	-95.89	-18.58	-180.15	181.10	173.58	7.53	24.059		
200.00	200.00	203.00	203.00	3.30	3.30	-95.89	-18.58	-180.15	181.10	173.53	7.57	23.925		
269.92	269.92	271.69	271.69	3.33	3.33	-54.28	-18.55	-180.23	180.93	173.31	7.62	23.730	CC	
300.00	300.00	300.16	300.16	3.35	3.35	-54.23	-18.42	-180.56	181.26	173.61	7.65	23.685		
400.00	399.93	394.78	394.72	3.41	3.40	-54.60	-17.29	-183.57	182.27	174.50	7.77	23.460		
500.00	499.68	489.36	489.08	3.50	3.49	-55.35	-15.06	-189.50	184.23	176.30	7.92	23.254		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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			
600.00	599.13	583.85	583.09	3.62	3.59	-56.45	-11.74	-198.34	187.17	179.06	8.11	23.070			
700.00	698.15	678.23	676.63	3.76	3.72	-57.86	-7.34	-210.05	191.18	182.83	8.35	22.900			
800.00	796.92	772.47	769.58	3.93	3.88	-59.21	-1.86	-224.62	197.22	188.59	8.63	22.849			
900.00	895.69	866.45	861.70	4.12	4.08	-60.01	4.67	-241.99	206.12	197.16	8.96	23.006			
1,000.00	994.46	959.96	952.71	4.34	4.32	-60.29	12.22	-262.08	217.78	208.46	9.33	23.345			
1,100.00	1,093.23	1,056.23	1,045.76	4.58	4.61	-60.19	20.90	-285.19	231.75	222.00	9.76	23.748			
1,200.00	1,192.00	1,155.21	1,141.35	4.83	4.95	-60.05	29.95	-309.25	246.01	235.76	10.25	24.007			
1,300.00	1,290.76	1,254.19	1,236.93	5.09	5.32	-59.92	38.99	-333.30	260.26	249.49	10.77	24.174			
1,400.00	1,389.53	1,353.16	1,332.51	5.37	5.70	-59.81	48.03	-357.36	274.51	263.20	11.32	24.259			
1,500.00	1,488.30	1,452.14	1,428.09	5.66	6.11	-59.71	57.08	-381.42	288.77	276.89	11.88	24.316			
1,600.00	1,587.07	1,551.12	1,523.68	5.95	6.52	-59.62	66.12	-405.48	303.03	290.56	12.46	24.314			
1,700.00	1,685.84	1,650.10	1,619.26	6.25	6.95	-59.54	75.16	-429.53	317.28	304.22	13.06	24.285			
1,800.00	1,784.61	1,749.07	1,714.84	6.42	7.29	-59.47	84.20	-453.59	331.54	318.28	13.26	25.008			
1,900.00	1,883.38	1,848.05	1,810.42	6.46	7.46	-59.40	93.25	-477.65	345.80	332.57	13.23	26.144			
2,000.00	1,982.15	1,947.03	1,906.01	6.52	7.55	-59.34	102.29	-501.70	360.06	346.73	13.33	27.017			
2,100.00	2,080.92	2,046.01	2,001.59	6.59	7.67	-59.28	111.33	-525.76	374.32	360.85	13.47	27.793			
2,200.00	2,179.68	2,144.98	2,097.17	6.69	7.82	-59.22	120.37	-549.82	388.58	374.93	13.65	28.469			
2,300.00	2,278.45	2,243.96	2,192.75	6.81	8.01	-59.17	129.42	-573.88	402.83	388.97	13.87	29.048			
2,400.00	2,377.22	2,342.94	2,288.34	6.94	8.21	-59.13	138.46	-597.93	417.09	402.97	14.12	29.532			
2,500.00	2,475.99	2,441.92	2,383.92	7.08	8.45	-59.08	147.50	-621.99	431.35	416.94	14.41	29.928			
2,600.00	2,574.76	2,540.89	2,479.50	7.25	8.71	-59.04	156.55	-646.05	445.61	430.88	14.73	30.242			
2,700.00	2,673.53	2,639.87	2,575.08	7.42	8.99	-59.00	165.59	-670.11	459.88	444.79	15.09	30.482			
2,800.00	2,772.30	2,738.85	2,670.67	7.61	9.28	-58.97	174.63	-694.16	474.14	458.67	15.47	30.656			
2,900.00	2,871.07	2,837.83	2,766.25	7.82	9.60	-58.93	183.67	-718.22	488.40	472.53	15.87	30.772			
3,000.00	2,969.83	2,936.80	2,861.83	8.03	9.93	-58.90	192.72	-742.28	502.66	486.36	16.30	30.838			
3,100.00	3,068.60	3,035.78	2,957.41	8.25	10.27	-58.87	201.76	-766.33	516.92	500.17	16.75	30.859			
3,200.00	3,167.37	3,134.76	3,053.00	8.48	10.63	-58.84	210.80	-790.39	531.18	513.96	17.22	30.844			
3,300.00	3,266.14	3,233.74	3,148.58	8.73	11.00	-58.81	219.84	-814.45	545.44	527.73	17.71	30.798			
3,400.00	3,364.91	3,332.71	3,244.16	8.98	11.38	-58.79	228.89	-838.51	559.70	541.49	18.22	30.725			
3,500.00	3,463.68	3,431.69	3,339.74	9.23	11.77	-58.76	237.93	-862.56	573.97	555.23	18.74	30.632			
3,600.00	3,562.45	3,530.67	3,435.33	9.50	12.17	-58.74	246.97	-886.62	588.23	568.95	19.27	30.521			
3,700.00	3,661.22	3,629.65	3,530.91	9.77	12.58	-58.72	256.02	-910.68	602.49	582.67	19.82	30.397			
3,800.00	3,759.99	3,728.62	3,626.49	10.04	12.99	-58.70	265.06	-934.74	616.75	596.37	20.38	30.261			
3,900.00	3,858.75	3,827.60	3,722.07	10.32	13.41	-58.68	274.10	-958.79	631.01	610.06	20.95	30.117			
4,000.00	3,957.52	3,926.58	3,817.66	10.61	13.83	-58.66	283.14	-982.85	645.27	623.74	21.53	29.967			
4,100.00	4,056.29	4,025.56	3,913.24	10.90	14.26	-58.64	292.19	-1,006.91	659.54	637.41	22.12	29.813			
4,200.00	4,155.06	4,124.53	4,008.82	11.19	14.70	-58.62	301.23	-1,030.97	673.80	651.08	22.72	29.655			
4,300.00	4,253.83	4,223.51	4,104.41	11.49	15.14	-58.60	310.27	-1,055.02	688.06	664.73	23.33	29.496			
4,400.00	4,352.60	4,322.49	4,199.99	11.79	15.58	-58.59	319.31	-1,079.08	702.32	678.38	23.94	29.336			
4,500.00	4,451.37	4,421.47	4,295.57	12.10	16.03	-58.57	328.36	-1,103.14	716.59	692.03	24.56	29.176			
4,600.00	4,550.14	4,520.44	4,391.15	12.41	16.48	-58.56	337.40	-1,127.19	730.85	705.66	25.19	29.017			
4,700.00	4,648.91	4,619.42	4,486.74	12.72	16.93	-58.54	346.44	-1,151.25	745.11	719.29	25.82	28.859			
4,800.00	4,747.67	4,718.40	4,582.32	13.03	17.39	-58.53	355.49	-1,175.31	759.37	732.92	26.46	28.704			
4,900.00	4,846.44	4,817.38	4,677.90	13.35	17.84	-58.52	364.53	-1,199.37	773.64	746.54	27.10	28.550			
5,000.00	4,945.21	4,916.35	4,773.48	13.66	18.31	-58.50	373.57	-1,223.42	787.90	760.15	27.74	28.399			
5,100.00	5,043.98	5,015.33	4,869.07	13.98	18.77	-58.49	382.61	-1,247.48	802.16	773.77	28.39	28.250			
5,200.00	5,142.75	5,114.31	4,964.65	14.31	19.24	-58.48	391.66	-1,271.54	816.42	787.37	29.05	28.105			
5,300.00	5,241.52	5,213.29	5,060.23	14.63	19.70	-58.47	400.70	-1,295.60	830.69	800.98	29.71	27.962			
5,400.00	5,340.29	5,312.26	5,155.81	14.96	20.17	-58.46	409.74	-1,319.65	844.95	814.58	30.37	27.823			
5,500.00	5,439.06	5,411.24	5,251.40	15.28	20.64	-58.44	418.79	-1,343.71	859.21	828.18	31.03	27.686			
5,600.00	5,537.82	5,510.22	5,346.98	15.61	21.12	-58.43	427.83	-1,367.77	873.47	841.77	31.70	27.553			
5,700.00	5,636.59	5,609.20	5,442.56	15.94	21.59	-58.42	436.87	-1,391.82	887.74	855.37	32.37	27.423			
5,800.00	5,735.36	5,708.17	5,538.14	16.27	22.07	-58.41	445.91	-1,415.88	902.00	868.95	33.05	27.296			
5,900.00	5,834.13	5,807.15	5,633.73	16.61	22.54	-58.40	454.96	-1,439.94	916.26	882.54	33.72	27.172			
6,000.00	5,932.90	5,906.13	5,729.31	16.94	23.02	-58.40	464.00	-1,464.00	930.53	896.13	34.40	27.051			
6,100.00	6,031.67	6,005.11	5,824.89	17.27	23.50	-58.39	473.04	-1,488.05	944.79	909.71	35.08	26.933			
6,200.00	6,130.44	7,882.56	6,984.01	17.61	37.58	-156.92	566.31	-616.01	856.95	826.94	30.02	28.548			
6,300.00	6,229.21	7,874.22	6,983.82	17.95	37.41	-154.78	566.41	-624.35	760.43	729.79	30.64	24.816			
6,400.00	6,327.98	7,865.88	6,983.64	18.28	37.24	-152.58	566.51	-632.69	664.83	633.36	31.47	21.125			
6,500.00	6,426.74	7,857.53	6,983.45	18.62	37.07	-150.34	566.61	-641.03	570.61	537.98	32.63	17.487			
6,600.00	6,525.51	7,849.19	6,983.26	18.96	36.90	-148.06	566.71	-649.38	478.61	444.26	34.35	13.934			
6,700.00	6,624.10	7,839.41	6,983.05	19.31	36.70	-137.65	566.83	-659.15	390.48	353.46	37.02	10.549			
6,800.00	6,722.27	7,816.71	6,982.54	19.72	36.23	-128.49	567.10	-681.85	310.68	269.63	41.05	7.568			
6,900.00	6,811.45	7,779.07	6,981.70	20.26	35.50	-120.80	567.55	-719.47	246.22	199.53	46.68	5.274			
7,000.00	6,895.40	7,727.44	6,980.55	20.92	34.51	-109.58	568.18	-771.09	205.95	153.59	52.36	3.933			
7,085.92	6,960.18	7,672.85	6,979.34	21.64	33.52	-96.74	568.83	-825.65	195.31	140.99	54.32	3.596 ES, SF			

Offset Design										5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:										0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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
7,100.00	6,970.06	7,663.08	6,979.12	21.76	33.35	-94.44	568.95	-835.43	195.56	141.31	54.25	3.605	
7,200.00	7,033.59	7,587.57	6,977.44	22.80	32.07	-78.11	569.86	-910.91	208.90	157.13	51.77	4.035	
7,300.00	7,084.42	7,506.25	6,975.40	24.07	30.81	-64.74	570.82	-992.19	232.27	184.11	48.16	4.823	
7,400.00	7,121.31	7,434.93	6,967.95	25.61	29.81	-55.47	571.14	-1,063.09	259.32	214.77	44.55	5.821	
7,500.00	7,143.34	7,365.83	6,953.25	27.37	28.94	-48.39	570.76	-1,130.57	287.72	246.21	41.51	6.932	
7,600.00	7,150.07	7,300.00	6,932.56	29.30	28.20	-43.33	569.75	-1,193.03	315.25	276.11	39.15	8.053	
7,700.00	7,150.71	7,235.13	6,905.99	31.37	27.60	-40.07	568.16	-1,252.16	347.91	310.67	37.24	9.342	
7,800.00	7,151.35	7,177.68	6,877.57	33.58	27.15	-37.09	566.28	-1,302.03	389.84	354.16	35.67	10.928	
7,900.00	7,151.99	7,126.15	6,848.37	35.90	26.82	-34.47	564.22	-1,344.41	440.14	405.56	34.58	12.728	
8,000.00	7,152.64	7,080.26	6,819.56	38.31	26.58	-32.24	562.10	-1,380.06	497.70	463.76	33.94	14.663	
8,100.00	7,153.28	7,039.51	6,791.90	40.80	26.40	-30.37	560.00	-1,409.89	561.42	527.76	33.66	16.677	
8,200.00	7,153.92	7,000.00	6,763.31	43.34	26.26	-28.68	557.78	-1,437.07	630.29	596.68	33.61	18.752	
8,300.00	7,154.56	6,971.33	6,741.55	45.94	26.18	-27.52	556.06	-1,455.65	703.39	669.63	33.76	20.833	
8,400.00	7,155.20	6,950.00	6,724.83	48.58	26.12	-26.71	554.72	-1,468.83	780.12	746.09	34.03	22.926	
8,500.00	7,155.84	6,917.43	6,698.48	51.25	26.05	-25.53	552.59	-1,487.85	859.65	825.40	34.25	25.100	
8,600.00	7,156.48	6,900.00	6,683.99	53.95	26.01	-24.93	551.40	-1,497.47	941.75	907.18	34.57	27.245	
8,700.00	7,157.12	6,874.32	6,662.18	56.68	25.97	-24.09	549.61	-1,510.90	1,025.85	991.02	34.83	29.456	
8,800.00	7,157.77	6,850.00	6,641.04	59.43	25.94	-23.34	547.85	-1,522.80	1,111.79	1,076.70	35.09	31.686	
8,900.00	7,158.41	6,850.00	6,641.04	62.20	25.94	-23.34	547.85	-1,522.80	1,199.27	1,163.83	35.43	33.845	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	
0.00	0.00	3.00	3.00	3.28	3.28	-89.54	1.45	-180.15	180.15					
100.00	100.00	103.00	103.00	3.28	3.28	-89.54	1.45	-180.15	180.15	172.63	7.53	23.933		
200.00	200.00	203.00	203.00	3.30	3.30	-89.54	1.45	-180.15	180.15	172.58	7.57	23.800		
261.40	261.40	263.65	263.65	3.33	3.33	-47.91	1.47	-180.18	179.96	172.35	7.62	23.626		
300.00	300.00	300.23	300.22	3.35	3.35	-47.87	1.67	-180.53	180.27	172.62	7.65	23.554		
400.00	399.93	394.99	394.92	3.41	3.41	-48.14	3.24	-183.35	180.92	173.15	7.77	23.282		
500.00	499.68	489.72	489.44	3.50	3.49	-48.71	6.33	-188.91	182.15	174.22	7.92	22.987		
600.00	599.13	584.43	583.67	3.62	3.59	-49.54	10.94	-197.19	183.98	175.86	8.12	22.670		
700.00	698.15	679.08	677.48	3.76	3.72	-50.63	17.05	-208.17	186.45	178.10	8.35	22.331		
800.00	796.92	773.67	770.76	3.93	3.88	-51.61	24.67	-221.85	190.70	182.07	8.63	22.099		
900.00	895.69	868.04	863.26	4.12	4.08	-52.05	33.75	-238.18	197.75	188.80	8.95	22.088		
1,000.00	994.46	962.00	954.69	4.34	4.32	-51.98	44.26	-257.06	207.55	198.24	9.32	22.279		
1,100.00	1,093.23	1,056.01	1,045.43	4.58	4.61	-51.48	56.23	-278.55	220.07	210.35	9.72	22.648		
1,200.00	1,192.00	1,155.05	1,140.68	4.83	4.96	-50.84	69.42	-302.26	233.68	223.48	10.20	22.914		
1,300.00	1,290.76	1,254.09	1,236.92	5.09	5.33	-50.27	82.62	-325.97	247.32	236.61	10.71	23.095		
1,400.00	1,389.53	1,353.13	1,331.17	5.37	5.73	-49.76	95.81	-349.67	260.98	249.73	11.25	23.201		
1,500.00	1,488.30	1,452.16	1,426.42	5.66	6.15	-49.30	109.01	-373.38	274.66	262.86	11.80	23.283		
1,600.00	1,587.07	1,551.20	1,521.67	5.95	6.58	-48.88	122.20	-397.09	288.35	275.98	12.37	23.306		
1,700.00	1,685.84	1,650.24	1,616.92	6.25	7.03	-48.51	135.40	-420.80	302.06	289.10	12.96	23.304		
1,800.00	1,784.61	1,749.27	1,712.17	6.42	7.38	-48.16	148.59	-444.50	315.78	302.64	13.14	24.030		
1,900.00	1,883.38	1,848.31	1,807.41	6.46	7.55	-47.84	161.79	-468.21	329.51	316.41	13.10	25.155		
2,000.00	1,982.15	1,947.35	1,902.66	6.52	7.65	-47.55	174.99	-491.92	343.24	330.06	13.19	26.031		
2,100.00	2,080.92	2,046.39	1,997.91	6.59	7.78	-47.28	188.18	-515.63	356.99	343.68	13.31	26.814		
2,200.00	2,179.68	2,145.42	2,093.16	6.69	7.95	-47.04	201.38	-539.33	370.74	357.26	13.48	27.501		
2,300.00	2,278.45	2,244.46	2,188.41	6.81	8.14	-46.81	214.57	-563.04	384.50	370.82	13.69	28.095		
2,400.00	2,377.22	2,343.50	2,283.66	6.94	8.36	-46.59	227.77	-586.75	398.27	384.34	13.93	28.598		
2,500.00	2,475.99	2,442.54	2,378.90	7.08	8.61	-46.39	240.96	-610.45	412.04	397.84	14.20	29.015		
2,600.00	2,574.76	2,541.57	2,474.15	7.25	8.88	-46.20	254.16	-634.16	425.81	411.31	14.51	29.353		
2,700.00	2,673.53	2,640.61	2,569.40	7.42	9.18	-46.03	267.35	-657.87	439.59	424.75	14.84	29.618		
2,800.00	2,772.30	2,739.65	2,664.65	7.61	9.49	-45.86	280.55	-681.58	453.38	438.17	15.20	29.819		
2,900.00	2,871.07	2,838.69	2,759.90	7.82	9.83	-45.71	293.75	-705.28	467.16	451.57	15.59	29.961		
3,000.00	2,969.83	2,937.72	2,855.15	8.03	10.18	-45.56	306.94	-728.99	480.95	464.95	16.00	30.054		
3,100.00	3,068.60	3,036.76	2,950.39	8.25	10.54	-45.42	320.14	-752.70	494.75	478.31	16.44	30.103		
3,200.00	3,167.37	3,135.80	3,045.64	8.48	10.92	-45.29	333.33	-776.41	508.54	491.65	16.89	30.114		
3,300.00	3,266.14	3,234.84	3,140.89	8.73	11.30	-45.17	346.53	-800.11	522.34	504.98	17.36	30.094		
3,400.00	3,364.91	3,333.87	3,236.14	8.98	11.70	-45.05	359.72	-823.82	536.14	518.30	17.84	30.047		
3,500.00	3,463.68	3,432.91	3,331.39	9.23	12.11	-44.94	372.92	-847.53	549.94	531.60	18.34	29.978		
3,600.00	3,562.45	3,531.95	3,426.64	9.50	12.53	-44.83	386.11	-871.23	563.75	544.89	18.86	29.891		
3,700.00	3,661.22	3,630.98	3,521.88	9.77	12.95	-44.73	399.31	-894.94	577.55	558.16	19.39	29.790		
3,800.00	3,759.99	3,730.02	3,617.13	10.04	13.39	-44.63	412.50	-918.65	591.36	571.43	19.93	29.676		
3,900.00	3,858.75	3,829.06	3,712.38	10.32	13.82	-44.54	425.70	-942.36	605.17	584.69	20.48	29.553		
4,000.00	3,957.52	3,928.10	3,807.63	10.61	14.27	-44.45	438.90	-966.06	618.98	597.94	21.04	29.423		
4,100.00	4,056.29	4,027.13	3,902.88	10.90	14.72	-44.37	452.09	-989.77	632.79	611.19	21.61	29.288		
4,200.00	4,155.06	4,126.17	3,998.13	11.19	15.17	-44.29	465.29	-1,013.48	646.61	624.42	22.18	29.149		
4,300.00	4,253.83	4,225.21	4,093.37	11.49	15.63	-44.21	478.48	-1,037.19	660.42	637.65	22.77	29.007		
4,400.00	4,352.60	4,324.25	4,188.62	11.79	16.10	-44.14	491.68	-1,060.89	674.24	650.88	23.36	28.864		
4,500.00	4,451.37	4,423.28	4,283.87	12.10	16.56	-44.07	504.87	-1,084.60	688.05	664.10	23.96	28.720		
4,600.00	4,550.14	4,522.32	4,379.12	12.41	17.03	-44.00	518.07	-1,108.31	701.87	677.31	24.56	28.576		
4,700.00	4,648.91	4,621.36	4,474.37	12.72	17.50	-43.93	531.26	-1,132.01	715.69	690.52	25.17	28.433		
4,800.00	4,747.67	4,720.40	4,569.62	13.03	17.98	-43.87	544.46	-1,155.72	729.51	703.72	25.79	28.291		
4,900.00	4,846.44	4,819.43	4,664.86	13.35	18.46	-43.81	557.66	-1,179.43	743.33	716.92	26.41	28.151		
5,000.00	4,945.21	4,918.47	4,760.11	13.66	18.94	-43.75	570.85	-1,203.14	757.15	730.12	27.03	28.012		
5,100.00	5,043.98	5,017.51	4,855.36	13.98	19.42	-43.69	584.05	-1,226.84	770.97	743.31	27.66	27.876		
5,200.00	5,142.75	5,116.55	4,950.61	14.31	19.91	-43.64	597.24	-1,250.55	784.80	756.51	28.29	27.742		
5,300.00	5,241.52	5,215.58	5,045.86	14.63	20.40	-43.59	610.44	-1,274.26	798.62	769.69	28.92	27.610		
5,400.00	5,340.29	5,314.62	5,141.11	14.96	20.89	-43.54	623.63	-1,297.97	812.44	782.88	29.56	27.481		
5,500.00	5,439.06	5,413.66	5,236.35	15.28	21.38	-43.49	636.83	-1,321.67	826.27	796.06	30.21	27.355		
5,600.00	5,537.82	5,512.69	5,331.60	15.61	21.87	-43.44	650.02	-1,345.38	840.09	809.24	30.85	27.231		
5,700.00	5,636.59	5,611.73	5,426.85	15.94	22.36	-43.39	663.22	-1,369.09	853.92	822.42	31.50	27.110		
5,800.00	5,735.36	5,710.77	5,522.10	16.27	22.86	-43.35	676.42	-1,392.79	867.74	835.60	32.15	26.992		
5,900.00	5,834.13	5,809.81	5,617.35	16.61	23.35	-43.31	689.61	-1,416.50	881.57	848.77	32.80	26.876		
6,000.00	5,932.90	5,908.84	5,712.60	16.94	23.85	-43.26	702.81	-1,440.21	895.40	861.94	33.46	26.763		
6,100.00	6,031.67	6,007.88	5,807.84	17.27	24.35	-43.22	716.00	-1,463.92	909.23	875.11	34.11	26.653		
6,200.00	6,130.44	6,106.92	5,903.09	17.61	24.85	-43.19	729.20	-1,487.62	923.05	888.28	34.77	26.546		
6,300.00	6,229.21	6,205.74	6,000.00	17.95	25.35	-43.15	742.39	-1,511.33	936.87	901.45	35.43	26.441		
6,400.00	6,327.98	6,303.54	6,096.00	18.28	25.85	-43.11	755.58	-1,535.04	950.69	914.63	36.09	26.336		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	
6,500.00	6,426.74	7,961.34	7,058.32	18.62	37.59	67.05	888.97	-641.35	655.45	624.01	31.43	20.852		
6,600.00	6,525.51	7,953.13	7,058.14	18.96	37.43	63.50	888.94	-649.56	557.45	525.36	32.09	17.369		
6,700.00	6,624.10	7,943.49	7,057.93	19.31	37.24	86.63	888.92	-659.19	460.33	427.31	33.02	13.942		
6,800.00	6,720.27	7,920.92	7,057.44	19.72	36.80	113.89	888.85	-681.76	366.68	332.35	34.34	10.679		
6,900.00	6,811.45	7,883.40	7,056.61	20.26	36.09	122.13	888.75	-719.27	280.08	243.58	36.50	7.673		
7,000.00	6,895.40	7,831.86	7,055.48	20.92	35.16	120.94	888.60	-770.79	204.97	164.55	40.41	5.072		
7,100.00	6,970.06	7,767.58	7,054.07	21.76	34.05	111.65	888.42	-835.06	148.15	101.13	47.02	3.151		
7,200.00	7,033.59	7,707.86	7,052.42	22.80	33.09	94.12	888.21	-910.49	119.06	65.21	53.85	2.211		
7,244.99	7,058.11	7,655.04	7,051.60	23.36	32.31	84.52	888.11	-947.57	116.24	61.70	54.54	2.131	CC, ES, SF	
7,300.00	7,084.42	7,608.04	7,050.27	24.07	31.65	73.07	887.94	-994.55	119.60	65.95	53.65	2.229		
7,400.00	7,121.31	7,525.94	7,040.73	25.61	30.61	55.24	886.63	-1,076.03	138.85	89.11	49.74	2.791		
7,500.00	7,143.34	7,447.79	7,022.07	27.37	29.76	42.23	884.07	-1,151.83	167.70	121.69	46.01	3.645		
7,600.00	7,150.07	7,372.73	6,995.63	29.30	29.08	33.46	880.43	-1,221.93	199.82	156.10	43.73	4.570		
7,700.00	7,150.71	7,303.44	6,964.12	31.37	28.57	28.10	876.08	-1,283.45	238.85	196.69	42.16	5.665		
7,800.00	7,151.35	7,242.03	6,930.80	33.58	28.22	23.65	871.48	-1,334.80	287.95	246.93	41.02	7.020		
7,900.00	7,151.99	7,188.20	6,897.68	35.90	27.98	20.14	866.90	-1,376.97	345.65	305.32	40.33	8.570		
8,000.00	7,152.64	7,141.26	6,866.01	38.31	27.81	17.42	862.52	-1,411.33	410.40	370.40	40.00	10.260		
8,100.00	7,153.28	7,100.00	6,836.17	40.80	27.69	15.28	858.40	-1,439.51	480.83	440.95	39.88	12.056		
8,200.00	7,153.92	7,064.75	6,809.28	43.34	27.61	13.64	854.68	-1,462.00	555.82	515.90	39.92	13.922		
8,300.00	7,154.56	7,033.59	6,784.53	45.94	27.54	12.31	851.25	-1,480.59	634.49	594.46	40.03	15.852		
8,400.00	7,155.20	7,000.00	6,756.86	48.58	27.49	11.00	847.43	-1,499.25	716.19	676.15	40.05	17.884		
8,500.00	7,155.84	6,982.13	6,741.76	51.25	27.47	10.36	845.34	-1,508.57	800.22	759.90	40.32	19.846		
8,600.00	7,156.48	6,950.00	6,713.97	53.95	27.42	9.28	841.49	-1,524.23	886.47	846.15	40.32	21.985		
8,700.00	7,157.12	6,950.00	6,713.97	56.68	27.42	9.28	841.49	-1,524.23	974.17	933.42	40.75	23.905		
8,800.00	7,157.77	6,924.76	6,691.62	59.43	27.40	8.49	838.40	-1,535.53	1,063.24	1,022.45	40.79	26.065		
8,900.00	7,158.41	6,900.00	6,669.27	62.20	27.38	7.77	835.31	-1,545.74	1,153.69	1,112.86	40.84	28.252		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Minimum Separation (usft)	Separation Factor	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)				
0.00	0.00	3.00	3.00	3.28	3.28	-83.19	21.49	-179.87	181.15					
100.00	100.00	103.00	103.00	3.28	3.28	-83.19	21.49	-179.87	181.15	173.62	7.53	24.065		
200.00	200.00	203.00	203.00	3.30	3.30	-83.19	21.49	-179.87	181.15	173.58	7.57	23.931	CC	
300.00	300.00	300.13	300.12	3.35	3.35	-41.51	21.73	-180.24	181.24	173.59	7.65	23.681		
400.00	399.93	394.70	394.64	3.41	3.41	-41.77	23.42	-182.98	181.71	173.94	7.77	23.385		
500.00	499.68	489.26	488.98	3.50	3.49	-42.29	26.76	-188.36	182.57	174.65	7.92	23.044		
600.00	599.13	583.79	583.03	3.62	3.59	-43.06	31.73	-196.38	183.85	175.74	8.11	22.664		
700.00	698.15	678.29	676.70	3.76	3.72	-44.08	38.33	-207.03	185.58	177.23	8.34	22.247		
800.00	796.92	772.75	769.85	3.93	3.88	-45.00	46.56	-220.29	189.03	180.41	8.62	21.941		
900.00	895.69	867.01	862.25	4.12	4.08	-45.44	56.37	-236.12	195.39	186.46	8.93	21.881		
1,000.00	994.46	960.87	953.59	4.34	4.32	-45.42	67.73	-254.44	204.62	195.34	9.28	22.044		
1,100.00	1,093.23	1,055.93	1,043.56	4.58	4.61	-45.01	80.57	-275.14	216.69	207.02	9.67	22.409		
1,200.00	1,192.00	1,153.13	1,138.73	4.83	4.95	-44.42	95.04	-298.49	230.22	220.08	10.14	22.709		
1,300.00	1,290.76	1,252.18	1,233.90	5.09	5.33	-43.89	109.52	-321.84	243.76	233.13	10.64	22.915		
1,400.00	1,389.53	1,351.24	1,329.06	5.37	5.73	-43.42	123.99	-345.18	257.33	246.16	11.17	23.042		
1,500.00	1,488.30	1,450.29	1,424.23	5.66	6.15	-43.00	138.47	-368.53	270.91	259.21	11.70	23.146		
1,600.00	1,587.07	1,549.34	1,519.40	5.95	6.58	-42.62	152.94	-391.87	284.51	272.24	12.27	23.186		
1,700.00	1,685.84	1,648.40	1,614.57	6.25	7.03	-42.27	167.42	-415.22	298.11	285.26	12.85	23.200		
1,800.00	1,784.61	1,747.45	1,709.74	6.42	7.39	-41.95	181.89	-438.57	311.73	298.71	13.02	23.935		
1,900.00	1,883.38	1,846.51	1,804.91	6.46	7.57	-41.66	196.37	-461.91	325.35	312.37	12.98	25.067		
2,000.00	1,982.15	1,945.56	1,900.08	6.52	7.67	-41.39	210.85	-485.26	338.99	325.93	13.06	25.953		
2,100.00	2,080.92	2,044.62	1,995.25	6.59	7.80	-41.15	225.32	-508.60	352.63	339.44	13.18	26.748		
2,200.00	2,179.68	2,143.67	2,090.42	6.69	7.96	-40.92	239.80	-531.95	366.27	352.93	13.34	27.445		
2,300.00	2,278.45	2,242.73	2,185.59	6.81	8.16	-40.71	254.27	-555.29	379.92	366.38	13.54	28.058		
2,400.00	2,377.22	2,341.78	2,280.76	6.94	8.39	-40.51	268.75	-578.64	393.58	379.80	13.77	28.572		
2,500.00	2,475.99	2,440.84	2,375.93	7.08	8.64	-40.32	283.22	-601.99	407.23	393.19	14.04	29.003		
2,600.00	2,574.76	2,539.89	2,471.10	7.25	8.91	-40.15	297.70	-625.33	420.90	406.56	14.34	29.354		
2,700.00	2,673.53	2,638.94	2,566.27	7.42	9.21	-39.99	312.17	-648.68	434.56	419.90	14.67	29.633		
2,800.00	2,772.30	2,738.00	2,661.44	7.61	9.53	-39.84	326.65	-672.02	448.23	433.21	15.02	29.845		
2,900.00	2,871.07	2,837.05	2,756.61	7.82	9.86	-39.70	341.12	-695.37	461.91	446.51	15.40	29.999		
3,000.00	2,969.83	2,936.11	2,851.78	8.03	10.22	-39.56	355.60	-718.72	475.58	459.78	15.80	30.102		
3,100.00	3,068.60	3,035.16	2,946.95	8.25	10.58	-39.44	370.07	-742.06	489.26	473.04	16.22	30.160		
3,200.00	3,167.37	3,134.22	3,042.12	8.48	10.96	-39.32	384.55	-765.41	502.94	486.27	16.66	30.180		
3,300.00	3,266.14	3,233.27	3,137.29	8.73	11.36	-39.20	399.02	-788.75	516.62	499.50	17.13	30.167		
3,400.00	3,364.91	3,332.33	3,232.46	8.98	11.76	-39.10	413.50	-812.10	530.30	512.70	17.60	30.127		
3,500.00	3,463.68	3,431.38	3,327.63	9.23	12.17	-38.99	427.97	-835.44	543.99	525.90	18.09	30.065		
3,600.00	3,562.45	3,530.44	3,422.79	9.50	12.59	-38.90	442.45	-858.79	557.68	539.08	18.60	29.983		
3,700.00	3,661.22	3,629.49	3,517.96	9.77	13.02	-38.80	456.92	-882.14	571.37	552.25	19.12	29.886		
3,800.00	3,759.99	3,728.54	3,613.13	10.04	13.46	-38.72	471.40	-905.48	585.06	565.41	19.65	29.776		
3,900.00	3,858.75	3,827.60	3,708.30	10.32	13.90	-38.63	485.88	-928.83	598.75	578.56	20.19	29.657		
4,000.00	3,957.52	3,926.65	3,803.47	10.61	14.35	-38.55	500.35	-952.17	612.44	591.70	20.74	29.530		
4,100.00	4,056.29	4,025.71	3,898.64	10.90	14.80	-38.47	514.83	-975.52	626.13	604.83	21.30	29.397		
4,200.00	4,155.06	4,124.76	3,993.81	11.19	15.26	-38.40	529.30	-998.87	639.83	617.96	21.87	29.260		
4,300.00	4,253.83	4,223.82	4,088.98	11.49	15.72	-38.33	543.78	-1,022.21	653.52	631.08	22.44	29.120		
4,400.00	4,352.60	4,322.87	4,184.15	11.79	16.19	-38.26	558.25	-1,045.56	667.22	644.20	23.03	28.978		
4,500.00	4,451.37	4,421.93	4,279.32	12.10	16.66	-38.20	572.73	-1,068.90	680.92	657.30	23.61	28.835		
4,600.00	4,550.14	4,520.98	4,374.49	12.41	17.14	-38.13	587.20	-1,092.25	694.62	670.41	24.21	28.692		
4,700.00	4,648.91	4,620.04	4,469.66	12.72	17.61	-38.07	601.68	-1,115.59	708.32	683.51	24.81	28.550		
4,800.00	4,747.67	4,719.09	4,564.83	13.03	18.09	-38.02	616.15	-1,138.94	722.02	696.60	25.42	28.408		
4,900.00	4,846.44	4,818.14	4,660.00	13.35	18.58	-37.96	630.63	-1,162.29	735.72	709.69	26.03	28.268		
5,000.00	4,945.21	4,917.20	4,755.17	13.66	19.06	-37.91	645.10	-1,185.63	749.42	722.78	26.64	28.130		
5,100.00	5,043.98	5,016.25	4,850.34	13.98	19.55	-37.86	659.58	-1,208.98	763.12	735.86	27.26	27.994		
5,200.00	5,142.75	5,115.31	4,945.51	14.31	20.04	-37.81	674.05	-1,232.32	776.82	748.94	27.88	27.860		
5,300.00	5,241.52	5,214.36	5,040.68	14.63	20.53	-37.76	688.53	-1,255.67	790.52	762.01	28.51	27.728		
5,400.00	5,340.29	5,313.42	5,135.85	14.96	21.02	-37.71	703.00	-1,279.02	804.23	775.09	29.14	27.599		
5,500.00	5,439.06	5,412.47	5,231.02	15.28	21.52	-37.67	717.48	-1,302.36	817.93	788.16	29.77	27.472		
5,600.00	5,537.82	5,511.53	5,326.19	15.61	22.01	-37.62	731.95	-1,325.71	831.64	801.23	30.41	27.348		
5,700.00	5,636.59	5,610.58	5,421.36	15.94	22.51	-37.58	746.43	-1,349.05	845.34	814.29	31.05	27.227		
5,800.00	5,735.36	5,709.64	5,516.53	16.27	23.01	-37.54	760.91	-1,372.40	859.05	827.36	31.69	27.108		
5,900.00	5,834.13	5,808.69	5,611.69	16.61	23.51	-37.50	775.38	-1,395.74	872.75	840.42	32.33	26.992		
6,000.00	5,932.90	5,907.75	5,706.86	16.94	24.01	-37.46	789.86	-1,419.09	886.46	853.48	32.98	26.879		
6,100.00	6,031.67	6,006.80	5,802.03	17.27	24.52	-37.43	804.33	-1,442.44	900.17	866.54	33.63	26.768		
6,200.00	6,130.44	6,105.85	5,897.20	17.61	25.02	-37.39	818.81	-1,465.78	913.87	879.59	34.28	26.660		
6,300.00	6,229.21	6,204.91	5,992.37	17.95	25.52	-37.36	833.28	-1,489.13	927.58	892.65	34.93	26.555		
6,400.00	6,327.98	6,303.02	6,087.54	18.28	26.02	-37.32	847.74	-1,515.48	941.27	905.71	35.58	26.450		
6,500.00	6,426.74	6,401.83	6,182.71	18.62	26.52	-37.28	862.20	-1,541.83	954.96	918.76	36.23	26.345		

Offset Design										5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:										0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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
6,600.00	6,525.51	8,074.19	7,165.21	18.96	37.90	55.91	1,006.78	-651.15	700.32	665.90	34.41	20.350	
6,700.00	6,624.10	8,064.51	7,165.00	19.31	37.72	77.28	1,006.79	-660.82	606.38	570.70	35.68	16.995	
6,800.00	6,720.27	8,041.89	7,164.50	19.72	37.29	103.95	1,006.81	-683.43	516.71	479.42	37.29	13.858	
6,900.00	6,811.45	8,004.34	7,163.68	20.26	36.58	114.46	1,006.85	-720.98	434.68	395.31	39.37	11.041	
7,000.00	6,895.40	7,952.78	7,162.54	20.92	35.68	117.50	1,006.90	-772.53	363.67	321.56	42.12	8.635	
7,100.00	6,970.06	7,888.47	7,161.13	21.76	34.59	115.93	1,006.97	-836.82	306.96	261.46	45.49	6.747	
7,200.00	7,033.59	7,813.00	7,159.47	22.80	33.43	111.06	1,007.05	-912.27	266.83	217.69	49.13	5.431	
7,300.00	7,084.42	7,724.76	7,157.18	24.07	32.22	103.76	1,007.08	-1,000.47	243.09	191.01	52.09	4.667	
7,400.00	7,121.31	7,625.16	7,144.05	25.61	31.05	93.71	1,005.53	-1,099.09	230.16	176.03	54.13	4.252	
7,481.21	7,140.36	7,549.99	7,124.16	27.03	30.30	85.07	1,002.84	-1,171.49	226.85	171.20	55.65	4.076	
7,500.00	7,143.34	7,533.21	7,118.58	27.37	30.15	83.06	1,002.06	-1,187.29	227.02	171.09	55.93	4.059 ES, SF	
7,600.00	7,150.07	7,447.20	7,083.62	29.30	29.50	72.63	997.12	-1,265.65	233.45	176.46	57.00	4.096	
7,700.00	7,150.71	7,370.21	7,043.72	31.37	29.06	63.23	991.38	-1,331.18	250.69	193.58	57.11	4.389	
7,800.00	7,151.35	7,304.41	7,003.63	33.58	28.77	54.80	985.55	-1,383.00	281.99	225.92	56.06	5.030	
7,900.00	7,151.99	7,250.00	6,966.63	35.90	28.60	48.02	980.14	-1,422.50	327.16	272.73	54.43	6.011	
8,000.00	7,152.64	7,200.00	6,929.80	38.31	28.47	42.22	974.72	-1,455.87	383.95	331.38	52.57	7.304	
8,100.00	7,153.28	7,161.46	6,899.72	40.80	28.40	38.11	970.28	-1,479.53	449.71	398.56	51.15	8.792	
8,200.00	7,153.92	7,127.34	6,871.95	43.34	28.35	34.76	966.17	-1,498.91	522.21	472.23	49.99	10.447	
8,300.00	7,154.56	7,100.00	6,848.97	45.94	28.31	32.27	962.76	-1,513.34	599.78	550.63	49.15	12.203	
8,400.00	7,155.20	7,072.77	6,825.51	48.58	28.28	29.97	959.28	-1,526.71	681.18	632.75	48.43	14.066	
8,500.00	7,155.84	7,050.00	6,805.47	51.25	28.25	28.17	956.30	-1,537.10	765.54	717.64	47.90	15.982	
8,600.00	7,156.48	7,031.48	6,788.91	53.95	28.24	26.80	953.83	-1,545.01	852.23	804.71	47.52	17.934	
8,700.00	7,157.12	7,014.49	6,773.52	56.68	28.22	25.60	951.53	-1,551.84	940.77	893.55	47.22	19.925	
8,800.00	7,157.77	7,000.00	6,760.26	59.43	28.21	24.62	949.55	-1,557.33	1,030.80	983.82	46.99	21.938	
8,900.00	7,158.41	6,985.95	6,747.29	62.20	28.20	23.71	947.62	-1,562.36	1,122.06	1,075.27	46.79	23.982	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	
0.00	0.00	3.00	3.00	3.28	3.28	-77.00	41.53	-179.87	184.60					
100.00	100.00	103.00	103.00	3.28	3.28	-77.00	41.53	-179.87	184.60	177.07	7.53	24.524		
200.00	200.00	203.00	203.00	3.30	3.30	-77.00	41.53	-179.87	184.60	177.03	7.57	24.387	CC	
300.00	300.00	300.06	300.05	3.35	3.35	-35.32	41.79	-180.22	184.67	177.01	7.65	24.128	ES	
400.00	399.93	394.50	394.44	3.41	3.41	-35.50	43.72	-182.78	184.92	177.15	7.77	23.797		
500.00	499.68	488.93	488.66	3.50	3.49	-35.87	47.53	-187.81	185.34	177.42	7.92	23.392		
600.00	599.13	583.37	582.62	3.62	3.59	-36.44	53.21	-195.32	185.94	177.83	8.11	22.924		
700.00	698.15	677.80	676.21	3.76	3.72	-37.19	60.76	-205.30	186.74	178.40	8.34	22.395		
800.00	796.92	772.20	769.32	3.93	3.88	-37.82	70.16	-217.73	189.14	180.53	8.61	21.974		
900.00	895.69	866.44	861.69	4.12	4.08	-38.02	81.38	-232.56	194.49	185.57	8.91	21.818		
1,000.00	994.46	960.29	953.04	4.34	4.32	-37.80	94.37	-249.74	202.76	193.50	9.26	21.902		
1,100.00	1,093.23	1,053.57	1,043.08	4.58	4.60	-37.24	109.06	-269.17	213.94	204.31	9.63	22.210		
1,200.00	1,192.00	1,147.06	1,132.49	4.83	4.93	-36.39	125.54	-290.95	228.02	217.98	10.04	22.705		
1,300.00	1,290.76	1,245.84	1,226.61	5.09	5.33	-35.49	143.60	-314.84	243.20	232.67	10.54	23.081		
1,400.00	1,389.53	1,344.61	1,320.73	5.37	5.75	-34.69	161.67	-338.72	258.44	247.38	11.06	23.373		
1,500.00	1,488.30	1,443.38	1,414.86	5.66	6.20	-33.98	179.73	-362.61	273.72	262.13	11.59	23.626		
1,600.00	1,587.07	1,542.15	1,508.98	5.95	6.67	-33.34	197.80	-386.49	289.03	276.88	12.15	23.794		
1,700.00	1,685.84	1,640.93	1,603.10	6.25	7.15	-32.77	215.86	-410.38	304.38	291.66	12.72	23.930		
1,800.00	1,784.61	1,739.70	1,697.22	6.42	7.55	-32.26	233.93	-434.27	319.75	306.85	12.90	24.790		
1,900.00	1,883.38	1,838.47	1,791.35	6.46	7.76	-31.79	251.99	-458.15	335.15	322.29	12.86	26.064		
2,000.00	1,982.15	1,937.24	1,885.47	6.52	7.86	-31.36	270.06	-482.04	350.56	337.63	12.93	27.112		
2,100.00	2,080.92	2,036.01	1,979.59	6.59	8.01	-30.97	288.12	-505.92	366.00	352.95	13.04	28.062		
2,200.00	2,179.68	2,134.79	2,073.71	6.69	8.19	-30.61	306.19	-529.81	381.45	368.25	13.19	28.911		
2,300.00	2,278.45	2,233.56	2,167.84	6.81	8.41	-30.28	324.25	-553.69	396.91	383.53	13.38	29.659		
2,400.00	2,377.22	2,332.33	2,261.96	6.94	8.66	-29.97	342.32	-577.58	412.38	398.78	13.61	30.308		
2,500.00	2,475.99	2,431.10	2,356.08	7.08	8.93	-29.69	360.38	-601.47	427.87	414.00	13.86	30.861		
2,600.00	2,574.76	2,529.88	2,450.21	7.25	9.24	-29.42	378.45	-625.35	443.36	429.21	14.15	31.326		
2,700.00	2,673.53	2,628.65	2,544.33	7.42	9.57	-29.17	396.51	-649.24	458.87	444.39	14.47	31.708		
2,800.00	2,772.30	2,727.42	2,638.45	7.61	9.91	-28.94	414.58	-673.12	474.38	459.56	14.82	32.015		
2,900.00	2,871.07	2,826.19	2,732.57	7.82	10.28	-28.73	432.64	-697.01	489.90	474.71	15.19	32.255		
3,000.00	2,969.83	2,924.96	2,826.70	8.03	10.67	-28.52	450.71	-720.90	505.42	489.84	15.58	32.435		
3,100.00	3,068.60	3,023.74	2,920.82	8.25	11.07	-28.33	468.77	-744.78	520.95	504.95	16.00	32.563		
3,200.00	3,167.37	3,122.51	3,014.94	8.48	11.49	-28.15	486.84	-768.67	536.49	520.05	16.43	32.646		
3,300.00	3,266.14	3,221.28	3,109.06	8.73	11.92	-27.98	504.90	-792.55	552.03	535.14	16.89	32.690		
3,400.00	3,364.91	3,320.05	3,203.19	8.98	12.36	-27.82	522.97	-816.44	567.57	550.22	17.36	32.700		
3,500.00	3,463.68	3,418.83	3,297.31	9.23	12.81	-27.67	541.03	-840.32	583.12	565.28	17.84	32.683		
3,600.00	3,562.45	3,517.60	3,391.43	9.50	13.26	-27.53	559.10	-864.21	598.67	580.33	18.34	32.642		
3,700.00	3,661.22	3,616.37	3,485.55	9.77	13.73	-27.39	577.16	-888.10	614.23	595.38	18.85	32.581		
3,800.00	3,759.99	3,715.14	3,579.68	10.04	14.20	-27.26	595.23	-911.98	629.79	610.41	19.38	32.504		
3,900.00	3,858.75	3,813.92	3,673.80	10.32	14.69	-27.14	613.29	-935.87	645.35	625.44	19.91	32.414		
4,000.00	3,957.52	3,912.69	3,767.92	10.61	15.17	-27.02	631.36	-959.75	660.92	640.47	20.45	32.313		
4,100.00	4,056.29	4,011.46	3,862.05	10.90	15.66	-26.91	649.42	-983.64	676.49	655.48	21.01	32.203		
4,200.00	4,155.06	4,110.23	3,956.17	11.19	16.16	-26.80	667.49	-1,007.53	692.06	670.49	21.57	32.087		
4,300.00	4,253.83	4,209.00	4,050.29	11.49	16.66	-26.70	685.55	-1,031.41	707.63	685.49	22.14	31.966		
4,400.00	4,352.60	4,307.78	4,144.41	11.79	17.17	-26.60	703.62	-1,055.30	723.21	700.49	22.71	31.841		
4,500.00	4,451.37	4,406.55	4,238.54	12.10	17.68	-26.50	721.68	-1,079.18	738.78	715.49	23.30	31.713		
4,600.00	4,550.14	4,505.32	4,332.66	12.41	18.19	-26.41	739.75	-1,103.07	754.36	730.48	23.88	31.584		
4,700.00	4,648.91	4,604.09	4,426.78	12.72	18.71	-26.33	757.81	-1,126.95	769.94	745.46	24.48	31.453		
4,800.00	4,747.67	4,702.87	4,520.90	13.03	19.22	-26.25	775.88	-1,150.84	785.52	760.45	25.08	31.323		
4,900.00	4,846.44	4,801.64	4,615.03	13.35	19.75	-26.17	793.94	-1,174.73	801.11	775.43	25.68	31.193		
5,000.00	4,945.21	4,900.41	4,709.15	13.66	20.27	-26.09	812.01	-1,198.61	816.69	790.40	26.29	31.063		
5,100.00	5,043.98	5,000.82	4,803.27	13.98	20.80	-26.01	830.07	-1,222.50	832.28	805.37	26.91	30.928		
5,200.00	5,142.75	5,097.95	4,897.39	14.31	21.32	-25.94	848.14	-1,246.38	847.87	820.35	27.52	30.808		
5,300.00	5,241.52	5,203.27	4,991.52	14.63	21.89	-25.87	866.20	-1,270.27	863.46	835.29	28.17	30.657		
5,400.00	5,340.29	5,295.50	5,085.64	14.96	22.39	-25.81	884.27	-1,294.16	879.05	850.28	28.77	30.559		
5,500.00	5,439.06	5,405.73	5,179.76	15.28	22.98	-25.74	902.33	-1,318.04	894.64	865.21	29.43	30.395		
5,600.00	5,537.82	5,493.04	5,273.89	15.61	23.45	-25.68	920.40	-1,341.93	910.23	880.21	30.02	30.318		
5,700.00	5,636.59	5,608.19	5,368.01	15.94	24.08	-25.62	938.46	-1,365.81	925.82	895.11	30.71	30.143		
5,800.00	5,735.36	5,709.41	5,462.13	16.27	24.63	-25.57	956.53	-1,389.70	941.42	910.06	31.36	30.021		
5,900.00	5,834.13	5,789.36	5,556.25	16.61	25.07	-25.51	974.59	-1,413.58	957.01	925.09	31.93	29.973		
6,000.00	5,932.90	5,888.13	5,650.38	16.94	25.61	-25.46	992.66	-1,437.47	972.61	940.04	32.57	29.863		
6,100.00	6,031.67	5,986.90	5,744.50	17.27	26.15	-25.40	1,010.72	-1,461.36	988.21	955.00	33.21	29.755		
6,200.00	6,130.44	6,085.68	5,838.62	17.61	26.69	-25.35	1,028.79	-1,485.24	1,003.81	969.95	33.86	29.650		
6,300.00	6,229.21	6,184.46	5,932.74	17.95	27.23	-25.30	1,046.86	-1,509.12	1,019.41	984.90	34.51	29.545		
6,400.00	6,327.98	6,283.24	6,026.86	18.28	27.77	-25.25	1,064.93	-1,533.00	1,035.01	999.85	35.16	29.440		
6,500.00	6,426.74	6,382.02	6,120.98	18.62	28.31	-25.20	1,083.00	-1,556.88	1,050.61	1,014.80	35.81	29.335		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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
6,600.00	6,525.51	7,945.10	6,993.00	18.96	38.55	46.93	1,242.99	-646.05	702.93	658.41	44.52	15.788	
6,700.00	6,624.10	7,935.33	6,992.79	19.31	38.37	63.64	1,243.02	-655.81	632.42	585.21	47.21	13.395	
6,800.00	6,720.27	7,912.63	6,992.30	19.72	37.94	82.78	1,243.07	-678.50	572.19	522.24	49.96	11.454	
6,900.00	6,811.45	7,875.00	6,991.50	20.26	37.27	89.46	1,243.16	-716.13	525.74	473.30	52.44	10.026	
7,000.00	6,895.40	7,823.37	6,990.40	20.92	36.39	90.33	1,243.29	-767.75	494.93	440.68	54.25	9.123	
7,100.00	6,970.06	7,759.00	6,989.03	21.76	35.36	87.77	1,243.45	-832.10	479.31	424.10	55.21	8.682	
7,183.23	7,023.78	7,703.16	6,987.71	22.62	34.52	84.13	1,243.60	-894.25	475.85	420.33	55.53	8.570 SF	
7,200.00	7,033.59	7,683.48	6,987.42	22.80	34.25	83.31	1,243.63	-907.61	475.97	420.56	55.41	8.590	
7,300.00	7,084.42	7,599.01	6,985.39	24.07	33.16	78.30	1,243.79	-992.05	480.50	425.24	55.26	8.695	
7,400.00	7,121.31	7,515.63	6,976.02	25.61	32.24	73.35	1,242.55	-1,074.83	489.30	433.96	55.34	8.841	
7,500.00	7,143.34	7,436.35	6,957.32	27.37	31.50	68.55	1,239.49	-1,151.77	501.02	445.26	55.76	8.985	
7,600.00	7,150.07	7,360.29	6,930.70	29.30	30.92	64.16	1,234.89	-1,222.82	514.55	458.06	56.49	9.109	
7,700.00	7,150.71	7,290.15	6,898.94	31.37	30.50	60.77	1,229.25	-1,285.06	532.33	474.99	57.34	9.284	
7,800.00	7,151.35	7,228.08	6,865.38	33.58	30.21	57.34	1,223.20	-1,336.89	557.32	499.25	58.08	9.597	
7,900.00	7,151.99	7,173.76	6,832.06	35.90	30.01	54.09	1,217.13	-1,379.34	590.30	531.71	58.60	10.074	
8,000.00	7,152.64	7,126.47	6,800.25	38.31	29.88	51.16	1,211.30	-1,413.82	631.39	572.52	58.87	10.725	
8,100.00	7,153.28	7,085.37	6,770.63	40.80	29.78	48.56	1,205.85	-1,441.78	680.18	621.26	58.91	11.545	
8,200.00	7,153.92	7,050.00	6,743.77	43.34	29.71	46.33	1,200.88	-1,464.24	735.93	677.14	58.80	12.517	
8,300.00	7,154.56	7,018.35	6,718.72	45.94	29.67	44.34	1,196.24	-1,483.03	797.78	739.24	58.54	13.628	
8,400.00	7,155.20	7,000.00	6,703.79	48.58	29.64	43.20	1,193.47	-1,493.33	864.95	806.53	58.42	14.806	
8,500.00	7,155.84	6,966.84	6,676.10	51.25	29.60	41.17	1,188.31	-1,510.82	936.33	878.45	57.88	16.178	
8,600.00	7,156.48	6,950.00	6,661.71	53.95	29.58	40.16	1,185.63	-1,519.14	1,011.54	953.94	57.60	17.560	
8,700.00	7,157.12	6,926.51	6,641.28	56.68	29.56	38.77	1,181.81	-1,530.09	1,089.82	1,032.65	57.17	19.063	
8,800.00	7,157.77	6,900.00	6,617.77	59.43	29.54	37.25	1,177.41	-1,541.51	1,170.85	1,114.17	56.68	20.657	

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference				Offset			Semi Major Axis			Distance			Separation Factor	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)				
0.00	0.00	0.00	0.00	3.28	3.28	0.40	40.07	0.28	40.07						
100.00	100.00	100.00	100.00	3.28	3.28	0.40	40.07	0.28	40.07	32.55	7.53	5.324			
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.07	0.28	40.07	32.51	7.57	5.295			
283.82	283.82	283.43	283.42	3.34	3.34	42.54	40.24	0.18	39.79	32.15	7.64	5.210	CC		
300.00	300.00	299.41	299.41	3.35	3.35	42.20	40.44	0.06	40.12	32.47	7.65	5.242			
400.00	399.93	398.22	398.15	3.41	3.41	42.98	43.37	-1.67	40.49	32.71	7.78	5.206			
500.00	499.68	497.02	496.72	3.50	3.50	44.50	49.23	-5.14	41.26	33.32	7.94	5.196			
600.00	599.13	595.82	594.98	3.62	3.61	46.67	58.02	-10.33	42.45	34.31	8.15	5.211			
700.00	698.15	694.59	692.81	3.76	3.75	49.37	69.71	-17.25	44.14	35.74	8.40	5.252			
800.00	796.92	793.31	790.06	3.93	3.92	50.83	84.28	-25.87	47.46	38.74	8.71	5.445			
900.00	895.69	907.68	887.01	4.12	4.16	49.86	101.59	-36.10	53.25	44.14	9.11	5.846			
1,000.00	994.46	1,007.89	984.58	4.34	4.41	48.67	119.59	-46.75	59.58	50.05	9.53	6.252			
1,100.00	1,093.23	1,091.91	1,082.16	4.58	4.64	47.71	137.60	-57.40	65.94	55.99	9.95	6.630			
1,200.00	1,192.00	1,208.30	1,179.73	4.83	4.98	46.92	155.61	-68.05	72.31	61.84	10.47	6.906			
1,300.00	1,290.76	1,308.51	1,277.31	5.09	5.29	46.26	173.61	-78.70	78.69	67.71	10.98	7.167			
1,400.00	1,389.53	1,408.72	1,374.88	5.37	5.61	45.69	191.62	-89.34	85.08	73.57	11.51	7.393			
1,500.00	1,488.30	1,491.08	1,472.46	5.66	5.89	45.21	209.62	-99.99	91.48	79.48	12.01	7.620			
1,600.00	1,587.07	1,609.13	1,570.03	5.95	6.30	44.79	227.63	-110.64	97.89	85.26	12.62	7.756			
1,700.00	1,685.84	1,709.34	1,667.61	6.25	6.64	44.42	245.63	-121.29	104.29	91.11	13.18	7.911			
1,800.00	1,784.61	1,809.55	1,765.18	6.42	6.82	44.09	263.64	-131.94	110.71	97.61	13.09	8.456			
1,900.00	1,883.38	1,909.76	1,862.76	6.46	6.88	43.80	281.64	-142.59	117.12	103.98	13.15	8.909			
2,000.00	1,982.15	2,009.96	1,960.33	6.52	6.96	43.54	299.65	-153.23	123.54	110.30	13.24	9.331			
2,100.00	2,080.92	2,089.83	2,057.91	6.59	7.05	43.30	317.65	-163.88	129.96	116.61	13.35	9.732			
2,200.00	2,179.68	2,189.62	2,155.48	6.69	7.17	43.09	335.66	-174.53	136.38	122.87	13.52	10.090			
2,300.00	2,278.45	2,289.41	2,253.06	6.81	7.32	42.90	353.66	-185.18	142.81	129.09	13.71	10.413			
2,400.00	2,377.22	2,389.21	2,350.63	6.94	7.49	42.72	371.67	-195.83	149.23	135.29	13.94	10.702			
2,500.00	2,475.99	2,489.00	2,448.21	7.08	7.67	42.56	389.67	-206.48	155.66	141.45	14.21	10.956			
2,600.00	2,574.76	2,588.79	2,545.78	7.25	7.88	42.41	407.68	-217.12	162.09	147.59	14.50	11.179			
2,700.00	2,673.53	2,688.58	2,643.36	7.42	8.10	42.27	425.68	-227.77	168.52	153.70	14.82	11.372			
2,800.00	2,772.30	2,788.38	2,740.94	7.61	8.33	42.14	443.69	-238.42	174.95	159.78	15.16	11.537			
2,900.00	2,871.07	2,888.17	2,838.51	7.82	8.58	42.02	461.70	-249.07	181.38	165.84	15.53	11.676			
3,000.00	2,969.83	2,987.96	2,936.09	8.03	8.85	41.91	479.70	-259.72	187.81	171.88	15.93	11.793			
3,100.00	3,068.60	3,087.75	3,033.66	8.25	9.12	41.81	497.71	-270.37	194.24	177.90	16.34	11.889			
3,200.00	3,167.37	3,187.54	3,131.24	8.48	9.40	41.71	515.71	-281.01	200.67	183.91	16.77	11.967			
3,300.00	3,266.14	3,287.34	3,228.81	8.73	9.70	41.62	533.72	-291.66	207.11	189.89	17.22	12.029			
3,400.00	3,364.91	3,387.13	3,326.39	8.98	10.00	41.54	551.72	-302.31	213.54	195.86	17.68	12.076			
3,500.00	3,463.68	3,486.92	3,423.96	9.23	10.31	41.46	569.73	-312.96	219.98	201.81	18.16	12.112			
3,600.00	3,562.45	3,586.71	3,521.54	9.50	10.63	41.38	587.73	-323.61	226.41	207.76	18.66	12.136			
3,700.00	3,661.22	3,686.51	3,619.11	9.77	10.96	41.31	605.74	-334.25	232.85	213.68	19.16	12.152			
3,800.00	3,759.99	3,786.30	3,716.69	10.04	11.29	41.24	623.74	-344.90	239.28	219.60	19.68	12.159			
3,900.00	3,858.75	3,886.09	3,814.26	10.32	11.63	41.18	641.75	-355.55	245.72	225.51	20.21	12.160			
4,000.00	3,957.52	3,985.88	3,911.84	10.61	11.97	41.12	659.75	-366.20	252.15	231.41	20.74	12.155			
4,100.00	4,056.29	4,085.68	4,009.41	10.90	12.31	41.06	677.76	-376.85	258.59	237.30	21.29	12.146			
4,200.00	4,155.06	4,185.47	4,106.99	11.19	12.66	41.00	695.76	-387.50	265.03	243.18	21.85	12.132			
4,300.00	4,253.83	4,285.26	4,204.56	11.49	13.02	40.95	713.77	-398.14	271.46	249.06	22.41	12.115			
4,400.00	4,352.60	4,385.05	4,302.14	11.79	13.38	40.90	731.77	-408.79	277.90	254.92	22.98	12.095			
4,500.00	4,451.37	4,484.85	4,399.71	12.10	13.74	40.85	749.78	-419.44	284.34	260.78	23.55	12.072			
4,600.00	4,550.14	4,584.64	4,497.29	12.41	14.11	40.81	767.79	-430.09	290.77	266.64	24.14	12.048			
4,700.00	4,648.91	4,684.43	4,594.87	12.72	14.47	40.76	785.79	-440.74	297.21	272.49	24.72	12.022			
4,800.00	4,747.67	4,784.22	4,692.44	13.03	14.84	40.72	803.80	-451.39	303.65	278.33	25.32	11.994			
4,900.00	4,846.44	4,884.01	4,790.02	13.35	15.22	40.68	821.80	-462.03	310.09	284.17	25.91	11.966			
5,000.00	4,945.21	4,983.81	4,887.59	13.66	15.59	40.64	839.81	-472.68	316.53	290.01	26.52	11.937			
5,100.00	5,043.98	5,083.60	4,985.17	13.98	15.97	40.61	857.81	-483.33	322.96	295.84	27.12	11.908			
5,200.00	5,142.75	5,183.39	5,082.74	14.31	16.35	40.57	875.82	-493.98	329.40	301.67	27.73	11.878			
5,300.00	5,241.52	5,283.18	5,180.32	14.63	16.73	40.54	893.82	-504.63	335.84	307.49	28.35	11.847			
5,400.00	5,340.29	5,382.98	5,277.89	14.96	17.11	40.50	911.83	-515.28	342.28	313.31	28.96	11.817			
5,500.00	5,439.06	5,482.77	5,375.47	15.28	17.50	40.47	929.83	-525.92	348.72	319.13	29.59	11.787			
5,600.00	5,537.82	5,582.56	5,473.04	15.61	17.88	40.44	947.84	-536.57	355.16	324.95	30.21	11.757			
5,700.00	5,636.59	5,682.35	5,570.62	15.94	18.27	40.41	965.84	-547.22	361.60	330.76	30.84	11.727			
5,800.00	5,735.36	5,782.15	5,668.19	16.27	18.66	40.38	983.85	-557.87	368.03	336.57	31.46	11.697			
5,900.00	5,834.13	5,881.94	5,765.77	16.61	19.05	40.36	1,001.85	-568.52	374.47	342.38	32.10	11.667			
6,000.00	5,932.90	5,981.73	5,863.34	16.94	19.44	40.33	1,019.86	-579.17	380.91	348.18	32.73	11.638			
6,100.00	6,031.67	6,081.52	5,960.92	17.27	19.83	40.31	1,037.86	-589.81	387.35	353.99	33.37	11.609			
6,200.00	6,130.44	6,181.31	6,058.49	17.61	20.23	40.28	1,055.87	-600.46	393.79	359.79	34.00	11.581			
6,300.00	6,229.21	6,281.11	6,156.07	17.95	20.62	40.26	1,073.87	-611.11	400.23	365.59	34.64	11.552			
6,400.00	6,327.98	6,380.90	6,253.64	18.28	21.01	40.23	1,091.88	-621.76	406.67	371.38	35.29	11.525			

Offset Design										5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1				Offset Site Error:	0.00 usft
Survey Program:										0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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		
6,500.00	6,426.74	6,480.69	6,351.22	18.62	21.41	40.21	1,109.89	-632.41	413.11	377.18	35.93	11.497			
6,600.00	6,525.51	6,580.30	6,448.52	18.96	21.81	40.08	1,127.84	-643.79	419.56	382.99	36.57	11.474			
6,700.00	6,624.10	6,678.04	6,541.97	19.31	22.24	52.65	1,145.01	-666.30	426.27	389.19	37.07	11.498			
6,800.00	6,720.27	6,773.62	6,629.06	19.72	22.75	65.40	1,160.93	-702.11	433.47	395.75	37.72	11.490			
6,900.00	6,811.45	6,867.48	6,708.51	20.26	23.36	69.35	1,175.37	-749.78	440.94	402.30	38.64	11.413			
7,000.00	6,895.40	6,959.84	6,779.15	20.92	24.07	70.56	1,188.12	-807.76	448.38	408.52	39.86	11.249			
7,100.00	6,970.06	7,050.93	6,840.04	21.76	24.90	70.71	1,199.01	-874.52	455.54	414.07	41.47	10.985			
7,200.00	7,033.59	7,140.96	6,890.43	22.80	25.89	70.42	1,207.92	-948.51	462.15	418.60	43.55	10.612			
7,300.00	7,084.42	7,230.16	6,929.74	24.07	27.04	69.98	1,214.74	-1,028.20	467.98	421.83	46.15	10.141			
7,400.00	7,121.31	7,318.73	6,957.58	25.61	28.35	69.55	1,219.42	-1,112.08	472.83	423.58	49.25	9.601			
7,500.00	7,143.34	7,406.88	6,973.67	27.37	29.81	69.18	1,221.91	-1,198.63	476.56	423.76	52.80	9.026			
7,600.00	7,150.07	7,503.64	6,977.96	29.30	31.55	68.95	1,222.19	-1,287.94	479.04	422.23	56.81	8.432			
7,700.00	7,150.71	7,603.66	6,977.71	31.37	33.50	68.92	1,221.57	-1,387.92	480.99	420.08	60.90	7.897			
7,800.00	7,151.35	7,703.68	6,977.45	33.58	35.60	68.90	1,220.96	-1,487.90	482.93	417.72	65.21	7.405			
7,900.00	7,151.99	7,803.70	6,977.20	35.90	37.83	68.87	1,220.34	-1,587.88	484.87	415.17	69.70	6.956			
8,000.00	7,152.64	7,903.72	6,976.94	38.31	40.15	68.85	1,219.72	-1,687.86	486.82	412.49	74.33	6.549			
8,100.00	7,153.28	8,003.74	6,976.69	40.80	42.56	68.82	1,219.11	-1,787.84	488.76	409.68	79.08	6.180			
8,200.00	7,153.92	8,103.76	6,976.44	43.34	45.04	68.80	1,218.49	-1,887.82	490.71	406.78	83.93	5.847			
8,300.00	7,154.56	8,203.78	6,976.18	45.94	47.58	68.78	1,217.87	-1,987.80	492.65	403.79	88.86	5.544			
8,400.00	7,155.20	8,303.80	6,975.93	48.58	50.17	68.75	1,217.26	-2,087.77	494.60	400.74	93.86	5.270			
8,500.00	7,155.84	8,403.82	6,975.67	51.25	52.80	68.73	1,216.64	-2,187.75	496.54	397.63	98.92	5.020			
8,600.00	7,156.48	8,503.84	6,975.42	53.95	55.47	68.70	1,216.02	-2,287.73	498.49	394.47	104.02	4.792			
8,700.00	7,157.12	8,603.85	6,975.16	56.68	58.16	68.68	1,215.41	-2,387.71	500.43	391.26	109.17	4.584			
8,800.00	7,157.77	8,703.87	6,974.91	59.43	60.88	68.66	1,214.79	-2,487.69	502.38	388.03	114.35	4.393			
8,900.00	7,158.41	8,803.89	6,974.65	62.20	63.63	68.64	1,214.17	-2,587.67	504.32	384.76	119.56	4.218			
9,000.00	7,159.05	8,903.91	6,974.40	64.99	66.39	68.61	1,213.55	-2,687.65	506.27	381.46	124.81	4.056			
9,100.00	7,159.69	9,003.93	6,974.15	67.79	69.17	68.59	1,212.94	-2,787.62	508.21	378.14	130.07	3.907			
9,200.00	7,160.33	9,103.95	6,973.89	70.61	71.97	68.57	1,212.32	-2,887.60	510.16	374.80	135.36	3.769			
9,300.00	7,160.97	9,203.97	6,973.64	73.43	74.77	68.55	1,211.70	-2,987.58	512.11	371.45	140.66	3.641			
9,400.00	7,161.61	9,303.99	6,973.38	76.27	77.59	68.52	1,211.09	-3,087.56	514.05	368.07	145.98	3.521			
9,500.00	7,162.26	9,404.01	6,973.13	79.11	80.43	68.50	1,210.47	-3,187.54	516.00	364.69	151.31	3.410			
9,600.00	7,162.90	9,504.03	6,972.87	81.97	83.27	68.48	1,209.85	-3,287.52	517.94	361.28	156.66	3.306			
9,700.00	7,163.54	9,604.05	6,972.62	84.82	86.11	68.46	1,209.24	-3,387.50	519.89	357.87	162.01	3.209			
9,800.00	7,164.18	9,704.06	6,972.36	87.69	88.97	68.44	1,208.62	-3,487.47	521.83	354.45	167.38	3.118			
9,900.00	7,164.82	9,795.92	6,972.11	90.56	91.60	68.42	1,208.00	-3,587.45	523.78	351.24	172.54	3.036			
10,000.00	7,165.46	9,904.10	6,971.85	93.44	94.70	68.39	1,207.39	-3,687.43	525.73	347.58	178.14	2.951			
10,100.00	7,166.10	10,004.12	6,971.60	96.32	97.58	68.37	1,206.77	-3,787.41	527.67	344.14	183.53	2.875			
10,200.00	7,166.74	10,104.14	6,971.35	99.21	100.46	68.35	1,206.15	-3,887.39	529.62	340.69	188.93	2.803			
10,300.00	7,167.39	10,204.16	6,971.09	102.10	103.34	68.33	1,205.54	-3,987.37	531.57	337.23	194.34	2.735			
10,400.00	7,168.03	10,304.18	6,970.84	104.99	106.23	68.31	1,204.92	-4,087.35	533.51	333.77	199.74	2.671			
10,500.00	7,168.67	10,404.20	6,970.58	107.89	109.13	68.29	1,204.30	-4,187.33	535.46	330.30	205.16	2.610			
10,600.00	7,169.31	10,504.22	6,970.33	110.79	112.02	68.27	1,203.68	-4,287.30	537.40	326.83	210.58	2.552			
10,700.00	7,169.95	10,604.24	6,970.07	113.69	114.92	68.25	1,203.07	-4,387.28	539.35	323.35	216.00	2.497			
10,800.00	7,170.59	10,704.26	6,969.82	116.60	117.83	68.23	1,202.45	-4,487.26	541.30	319.87	221.42	2.445			
10,900.00	7,171.23	10,804.28	6,969.56	119.51	120.73	68.21	1,201.83	-4,587.24	543.24	316.39	226.85	2.395			
11,000.00	7,171.88	10,904.29	6,969.31	122.42	123.64	68.19	1,201.22	-4,687.22	545.19	312.91	232.28	2.347			
11,100.00	7,172.52	11,004.31	6,969.05	125.33	126.56	68.17	1,200.60	-4,787.20	547.14	309.42	237.72	2.302			
11,200.00	7,173.16	11,104.33	6,968.80	128.25	129.47	68.15	1,199.98	-4,887.18	549.09	305.93	243.16	2.258			
11,300.00	7,173.80	11,204.35	6,968.55	131.16	132.39	68.13	1,199.37	-4,987.15	551.03	302.44	248.59	2.217			
11,400.00	7,174.44	11,304.37	6,968.29	134.08	135.30	68.11	1,198.75	-5,087.13	552.98	298.94	254.04	2.177			
11,500.00	7,175.08	11,404.39	6,968.04	137.00	138.22	68.10	1,198.13	-5,187.11	554.93	295.45	259.48	2.139			
11,600.00	7,175.72	11,504.41	6,967.78	139.92	141.15	68.08	1,197.52	-5,287.09	556.87	291.95	264.92	2.102			
11,700.00	7,176.36	11,604.43	6,967.53	142.84	144.07	68.06	1,196.90	-5,387.07	558.82	288.45	270.37	2.067			
11,800.00	7,177.01	11,704.45	6,967.27	145.77	146.99	68.04	1,196.28	-5,487.05	560.77	284.95	275.82	2.033			
11,900.00	7,177.65	11,804.47	6,967.02	148.69	149.92	68.02	1,195.67	-5,587.03	562.72	281.45	281.26	2.001			
12,000.00	7,178.29	11,904.49	6,966.76	151.62	152.85	68.00	1,195.05	-5,687.01	564.66	277.95	286.71	1.969			
12,100.00	7,178.93	12,004.50	6,966.51	154.55	155.78	67.98	1,194.43	-5,786.98	566.61	274.45	292.16	1.939			
12,200.00	7,179.57	12,104.52	6,966.25	157.48	158.71	67.97	1,193.81	-5,886.96	568.56	270.94	297.61	1.910			
12,300.00	7,180.21	12,204.54	6,966.00	160.41	161.64	67.95	1,193.20	-5,986.94	570.50	267.44	303.07	1.882			
12,400.00	7,180.85	12,304.56	6,965.75	163.34	164.57	67.93	1,192.58	-6,086.92	572.45	263.93	308.52	1.855			
12,500.00	7,181.50	12,404.58	6,965.49	166.27	167.51	67.91	1,191.96	-6,186.90	574.40	260.43	313.97	1.829			
12,600.00	7,182.14	12,504.60	6,965.24	169.20	170.44	67.90	1,191.35	-6,286.88	576.35	256.92	319.42	1.804			
12,700.00	7,182.78	12,604.61	6,964.98	172.14	173.38	67.81	1,190.73	-6,386.87	578.31	253.40	324.76	1.776			
12,800.00	7,183.42	12,704.62	6,964.73	175.09	176.31	67.68	1,190.11	-6,486.85	579.26	249.91	329.99	1.745			
12,900.00	7,184.06	12,804.64	6,964.47	178.03	179.25	67.54	1,189.50	-6,586.84	579.00	246.42	335.21	1.715			
13,000.00	7,184.70	12,904.65	6,964.22	180.98	182.19	67.41	1,188.88	-6,686.82	578.00	243.67	340.42	1.686			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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)
13,100.00	7,185.35	12,995.34	6,963.96	183.93	184.85	67.28	1,188.26	-6,786.80	573.20	227.83	345.36	1.660
13,200.00	7,185.99	13,104.67	6,963.71	186.88	188.07	67.14	1,187.65	-6,886.79	572.30	221.50	350.81	1.631
13,300.00	7,186.63	13,204.69	6,963.45	189.82	191.01	67.01	1,187.03	-6,986.77	571.41	215.43	355.98	1.605
13,400.00	7,187.27	13,304.70	6,963.20	192.77	193.95	66.87	1,186.41	-7,086.76	570.52	209.38	361.15	1.580
13,500.00	7,187.91	13,404.71	6,962.95	195.72	196.89	66.73	1,185.80	-7,186.74	569.64	203.34	366.30	1.555
13,600.00	7,188.55	13,504.73	6,962.69	198.67	199.83	66.60	1,185.18	-7,286.73	568.76	197.32	371.44	1.531
13,700.00	7,189.20	13,604.74	6,962.44	201.62	202.77	66.46	1,184.56	-7,386.71	567.88	191.31	376.57	1.508
13,800.00	7,189.84	13,704.75	6,962.18	204.57	205.72	66.32	1,183.94	-7,486.70	567.01	185.32	381.68	1.486 Level 3
13,900.00	7,190.48	13,795.23	6,961.93	207.53	208.38	66.18	1,183.33	-7,586.68	566.13	179.61	386.53	1.465 Level 3
14,000.00	7,191.12	13,904.78	6,961.67	210.48	211.61	66.05	1,182.71	-7,686.67	565.26	173.39	391.88	1.442 Level 3
14,100.00	7,191.76	14,004.79	6,961.42	213.43	214.55	65.91	1,182.09	-7,786.65	564.40	167.44	396.96	1.422 Level 3
14,200.00	7,192.40	14,104.81	6,961.16	216.38	217.50	65.77	1,181.48	-7,886.64	563.54	161.52	402.02	1.402 Level 3
14,300.00	7,193.05	14,204.82	6,960.91	219.33	220.44	65.63	1,180.86	-7,986.62	562.68	155.60	407.08	1.382 Level 3
14,400.00	7,193.69	14,304.83	6,960.65	222.29	223.39	65.49	1,180.24	-8,086.61	561.82	149.71	412.11	1.363 Level 3
14,500.00	7,194.33	14,404.84	6,960.40	225.24	226.33	65.35	1,179.63	-8,186.59	560.97	143.83	417.14	1.345 Level 3
14,600.00	7,194.97	14,504.86	6,960.15	228.20	229.28	65.21	1,179.01	-8,286.58	560.12	137.97	422.15	1.327 Level 3
14,700.00	7,195.61	14,604.87	6,959.89	231.15	232.23	65.07	1,178.39	-8,386.56	559.28	132.13	427.15	1.309 Level 3
14,800.00	7,196.26	14,704.88	6,959.64	234.10	235.18	64.93	1,177.78	-8,486.54	558.44	126.30	432.14	1.292 Level 3
14,900.00	7,196.90	14,804.90	6,959.38	237.06	238.13	64.78	1,177.16	-8,586.53	557.60	120.49	437.11	1.276 Level 3
15,000.00	7,197.54	14,904.91	6,959.13	240.01	241.07	64.64	1,176.54	-8,686.51	556.76	114.70	442.06	1.259 Level 3
15,100.00	7,198.18	15,004.92	6,958.87	242.97	244.02	64.50	1,175.92	-8,786.50	555.93	108.93	447.00	1.244 Level 2
15,200.00	7,198.82	15,104.94	6,958.62	245.92	246.97	64.35	1,175.31	-8,886.48	555.10	103.17	451.93	1.228 Level 2
15,300.00	7,199.46	15,204.95	6,958.36	248.88	249.92	64.21	1,174.69	-8,986.47	554.28	97.44	456.84	1.213 Level 2
15,400.00	7,200.11	15,304.96	6,958.11	251.84	252.87	64.07	1,174.07	-9,086.45	553.46	91.72	461.74	1.199 Level 2
15,500.00	7,200.75	15,404.98	6,957.85	254.79	255.82	63.92	1,173.46	-9,186.44	552.64	86.02	466.62	1.184 Level 2
15,600.00	7,201.39	15,504.99	6,957.60	257.75	258.77	63.78	1,172.84	-9,286.42	551.83	80.34	471.49	1.170 Level 2
15,700.00	7,202.03	15,605.00	6,957.34	260.70	261.72	63.63	1,172.22	-9,386.41	551.02	74.68	476.34	1.157 Level 2
15,800.00	7,202.67	15,705.02	6,957.09	263.66	264.67	63.49	1,171.61	-9,486.39	550.21	69.04	481.18	1.143 Level 2
15,900.00	7,203.32	15,805.03	6,956.84	266.62	267.62	63.34	1,170.99	-9,586.38	549.41	63.41	485.99	1.130 Level 2
16,000.00	7,203.96	15,905.04	6,956.58	269.57	270.57	63.19	1,170.37	-9,686.36	548.61	57.81	490.80	1.118 Level 2
16,100.00	7,204.60	16,005.05	6,956.33	272.53	273.53	63.05	1,169.76	-9,786.35	547.81	52.23	495.59	1.105 Level 2
16,200.00	7,205.24	16,105.07	6,956.07	275.49	276.48	62.90	1,169.14	-9,886.33	547.02	46.66	500.36	1.093 Level 2
16,300.00	7,205.88	16,205.08	6,955.82	278.45	279.43	62.75	1,168.52	-9,986.31	546.23	41.12	505.11	1.081 Level 2
16,400.00	7,206.52	16,305.09	6,955.56	281.40	282.38	62.60	1,167.90	-10,086.30	545.45	35.60	509.85	1.070 Level 2
16,500.00	7,207.17	16,405.11	6,955.31	284.36	285.33	62.45	1,167.29	-10,186.28	544.67	30.10	514.57	1.058 Level 2
16,600.00	7,207.81	16,505.12	6,955.05	287.32	288.29	62.30	1,166.67	-10,286.27	543.89	24.62	519.27	1.047 Level 2
16,700.00	7,208.45	16,605.13	6,954.80	290.28	291.24	62.15	1,166.05	-10,386.25	543.11	19.16	523.96	1.037 Level 2
16,800.00	7,209.09	16,705.15	6,954.54	293.24	294.19	62.00	1,165.44	-10,486.24	542.34	13.72	528.63	1.026 Level 2
16,900.00	7,209.73	16,805.16	6,954.29	296.20	297.14	61.85	1,164.82	-10,586.22	541.58	8.30	533.28	1.016 Level 2
17,000.00	7,210.38	16,905.17	6,954.04	299.15	300.10	61.70	1,164.20	-10,686.21	540.81	2.90	537.91	1.005 Level 2
17,100.00	7,211.02	17,005.19	6,953.78	302.11	303.05	61.55	1,163.59	-10,786.19	540.05	-2.47	542.52	0.995 Level 1
17,200.00	7,211.66	17,105.20	6,953.53	305.07	306.00	61.40	1,162.97	-10,886.18	539.30	-7.82	547.12	0.986 Level 1
17,300.00	7,212.30	17,194.79	6,953.27	308.03	308.65	61.25	1,162.35	-10,986.16	538.55	-12.88	551.42	0.977 Level 1
17,400.00	7,212.94	17,294.78	6,953.02	310.99	311.60	61.09	1,161.74	-11,086.15	537.80	-18.18	555.98	0.967 Level 1
17,409.36	7,213.00	17,304.13	6,952.99	311.26	311.88	61.08	1,161.68	-11,095.50	537.73	-18.68	556.41	0.966 Level 1, ES, SF

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference				Offset			Semi Major Axis			Distance			Separation Factor	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)				
0.00	0.00	0.00	0.00	3.28	3.28	0.00	20.03	0.00	20.03						
100.00	100.00	100.00	100.00	3.28	3.28	0.00	20.03	0.00	20.03	12.51	7.53	2.661			
200.00	200.00	200.00	200.00	3.30	3.30	0.00	20.03	0.00	20.03	12.46	7.57	2.647			
283.83	283.82	283.64	283.64	3.34	3.34	42.55	20.19	-0.11	19.74	12.10	7.64	2.584 CC			
300.00	300.00	299.72	299.71	3.35	3.35	41.81	20.38	-0.25	20.06	12.41	7.65	2.621			
400.00	399.93	399.15	399.08	3.41	3.41	42.70	23.20	-2.24	20.29	12.51	7.78	2.609			
500.00	499.68	498.58	498.26	3.50	3.50	44.42	28.83	-6.22	20.77	12.83	7.94	2.615			
600.00	599.13	598.00	597.15	3.62	3.61	46.85	37.27	-12.18	21.52	13.36	8.15	2.639			
700.00	698.15	697.42	695.60	3.76	3.75	49.83	48.51	-20.12	22.57	14.15	8.42	2.681			
800.00	796.92	803.07	793.63	3.93	3.94	50.14	62.47	-29.99	24.98	16.24	8.75	2.856			
900.00	895.69	903.12	891.91	4.12	4.14	48.89	77.35	-40.51	28.16	19.04	9.12	3.087			
1,000.00	994.46	1,003.17	990.18	4.34	4.38	47.91	92.22	-51.02	31.36	21.82	9.54	3.288			
1,100.00	1,093.23	1,103.22	1,088.46	4.58	4.63	47.10	107.09	-61.53	34.56	24.57	9.99	3.461			
1,200.00	1,192.00	1,203.27	1,186.73	4.83	4.90	46.43	121.97	-72.04	37.76	27.30	10.46	3.610			
1,300.00	1,290.76	1,296.67	1,285.00	5.09	5.17	45.87	136.84	-82.55	40.97	30.03	10.94	3.744			
1,400.00	1,389.53	1,403.38	1,383.28	5.37	5.49	45.39	151.72	-93.07	44.19	32.71	11.48	3.849			
1,500.00	1,488.30	1,496.57	1,481.55	5.66	5.77	44.97	166.59	-103.58	47.41	35.41	12.00	3.951			
1,600.00	1,587.07	1,603.48	1,579.83	5.95	6.11	44.61	181.47	-114.09	50.63	38.05	12.57	4.027			
1,700.00	1,685.84	1,703.54	1,678.10	6.25	6.43	44.29	196.34	-124.60	53.85	40.71	13.13	4.100			
1,800.00	1,784.61	1,803.59	1,776.37	6.42	6.61	44.00	211.22	-135.11	57.07	44.02	13.04	4.375			
1,900.00	1,883.38	1,903.64	1,874.65	6.46	6.66	43.75	226.09	-145.63	60.29	47.19	13.10	4.603			
2,000.00	1,982.15	2,003.69	1,972.92	6.52	6.73	43.52	240.96	-156.14	63.52	50.33	13.19	4.816			
2,100.00	2,080.92	2,103.75	2,071.20	6.59	6.82	43.32	255.84	-166.65	66.74	53.43	13.31	5.013			
2,200.00	2,179.68	2,203.80	2,169.47	6.69	6.93	43.13	270.71	-177.16	69.97	56.49	13.48	5.192			
2,300.00	2,278.45	2,303.85	2,267.74	6.81	7.06	42.96	285.59	-187.68	73.20	59.53	13.67	5.354			
2,400.00	2,377.22	2,396.10	2,366.02	6.94	7.20	42.80	300.46	-198.19	76.42	62.54	13.89	5.503			
2,500.00	2,475.99	2,496.05	2,464.29	7.08	7.37	42.66	315.34	-208.70	79.65	65.51	14.15	5.631			
2,600.00	2,574.76	2,604.01	2,562.57	7.25	7.56	42.53	330.21	-219.21	82.88	68.44	14.44	5.738			
2,700.00	2,673.53	2,704.06	2,660.84	7.42	7.76	42.41	345.08	-229.72	86.11	71.35	14.76	5.835			
2,800.00	2,772.30	2,795.89	2,759.11	7.61	7.96	42.29	359.96	-240.24	89.34	74.26	15.08	5.923			
2,900.00	2,871.07	2,904.16	2,857.39	7.82	8.20	42.19	374.83	-250.75	92.57	77.11	15.46	5.987			
3,000.00	2,969.83	2,995.78	2,955.66	8.03	8.42	42.09	389.71	-261.26	95.80	79.97	15.83	6.053			
3,100.00	3,068.60	3,095.73	3,053.94	8.25	8.66	42.00	404.58	-271.77	99.03	82.80	16.23	6.101			
3,200.00	3,167.37	3,204.32	3,152.21	8.48	8.94	41.91	419.46	-282.28	102.26	85.59	16.67	6.133			
3,300.00	3,266.14	3,304.37	3,250.48	8.73	9.21	41.83	434.33	-292.80	105.49	88.38	17.11	6.164			
3,400.00	3,364.91	3,395.57	3,348.76	8.98	9.46	41.75	449.20	-303.31	108.72	91.17	17.55	6.195			
3,500.00	3,463.68	3,504.48	3,447.03	9.23	9.77	41.68	464.08	-313.82	111.95	93.91	18.04	6.206			
3,600.00	3,562.45	3,604.53	3,545.31	9.50	10.06	41.61	478.95	-324.33	115.19	96.66	18.52	6.218			
3,700.00	3,661.22	3,704.58	3,643.58	9.77	10.36	41.55	493.83	-334.85	118.42	99.40	19.02	6.225			
3,800.00	3,759.99	3,804.64	3,741.86	10.04	10.66	41.49	508.70	-345.36	121.65	102.12	19.53	6.229			
3,900.00	3,858.75	3,904.69	3,840.13	10.32	10.97	41.43	523.58	-355.87	124.88	104.83	20.05	6.229			
4,000.00	3,957.52	4,004.74	3,938.40	10.61	11.28	41.38	538.45	-366.38	128.11	107.54	20.58	6.226			
4,100.00	4,056.29	4,104.79	4,036.68	10.90	11.60	41.33	553.32	-376.89	131.34	110.23	21.11	6.221			
4,200.00	4,155.06	4,204.84	4,134.95	11.19	11.92	41.28	568.20	-387.41	134.58	112.92	21.66	6.214			
4,300.00	4,253.83	4,295.10	4,233.23	11.49	12.21	41.23	583.07	-397.92	137.81	115.63	22.18	6.213			
4,400.00	4,352.60	4,404.95	4,331.50	11.79	12.57	41.18	597.95	-408.43	141.04	118.27	22.77	6.194			
4,500.00	4,451.37	4,495.00	4,429.77	12.10	12.87	41.14	612.82	-418.94	144.27	120.97	23.31	6.190			
4,600.00	4,550.14	4,594.95	4,528.05	12.41	13.21	41.10	627.70	-429.45	147.51	123.63	23.88	6.177			
4,700.00	4,648.91	4,694.89	4,626.32	12.72	13.54	41.06	642.57	-439.97	150.74	126.28	24.46	6.164			
4,800.00	4,747.67	4,805.16	4,724.60	13.03	13.92	41.02	657.44	-450.48	153.97	128.90	25.07	6.142			
4,900.00	4,846.44	4,894.79	4,822.87	13.35	14.23	40.99	672.32	-460.99	157.20	131.58	25.63	6.135			
5,000.00	4,945.21	5,005.26	4,921.14	13.66	14.61	40.95	687.19	-471.50	160.44	134.19	26.25	6.112			
5,100.00	5,043.98	5,105.32	5,019.42	13.98	14.96	40.92	702.07	-482.02	163.67	136.82	26.85	6.097			
5,200.00	5,142.75	5,205.37	5,117.69	14.31	15.30	40.89	716.94	-492.53	166.90	139.46	27.45	6.081			
5,300.00	5,241.52	5,294.58	5,215.97	14.63	15.62	40.86	731.82	-503.04	170.13	142.12	28.02	6.073			
5,400.00	5,340.29	5,405.47	5,314.24	14.96	16.01	40.83	746.69	-513.55	173.37	144.71	28.66	6.050			
5,500.00	5,439.06	5,505.52	5,412.51	15.28	16.36	40.80	761.57	-524.06	176.60	147.33	29.27	6.034			
5,600.00	5,537.82	5,605.58	5,510.79	15.61	16.72	40.77	776.44	-534.58	179.83	149.95	29.88	6.018			
5,700.00	5,636.59	5,705.63	5,609.06	15.94	17.08	40.74	791.31	-545.09	183.07	152.57	30.50	6.003			
5,800.00	5,735.36	5,805.68	5,707.34	16.27	17.44	40.72	806.19	-555.60	186.30	155.18	31.12	5.987			
5,900.00	5,834.13	5,894.27	5,805.61	16.61	17.75	40.69	821.06	-566.11	189.53	157.83	31.70	5.979			
6,000.00	5,932.90	5,994.21	5,903.88	16.94	18.11	40.67	835.94	-576.62	192.77	160.44	32.32	5.963			
6,100.00	6,031.67	6,094.16	6,002.16	17.27	18.48	40.65	850.81	-587.14	196.00	163.05	32.95	5.948			
6,200.00	6,130.44	6,194.11	6,100.43	17.61	18.84	40.62	865.69	-597.65	199.23	165.65	33.58	5.933			
6,300.00	6,229.21	6,294.06	6,198.71	17.95	19.20	40.60	880.56	-608.16	202.47	168.26	34.21	5.919			
6,400.00	6,327.98	6,406.00	6,296.98	18.28	19.61	40.58	895.43	-618.67	205.70	170.82	34.88	5.898			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference				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		
6,500.00	6,426.74	6,506.05	6,395.25	18.62	19.98	40.56	910.31	-629.18	208.93	173.42	35.51	5.884		
6,600.00	6,525.51	6,593.87	6,493.48	18.96	20.30	40.50	925.18	-639.86	212.17	176.06	36.10	5.877		
6,700.00	6,624.10	6,692.66	6,589.01	19.31	20.69	52.40	939.58	-660.01	215.64	179.13	36.51	5.906		
6,800.00	6,720.27	6,789.66	6,678.72	19.72	21.19	64.36	953.02	-694.10	219.82	182.78	37.04	5.934		
6,900.00	6,811.45	6,885.16	6,761.06	20.26	21.78	67.61	965.26	-740.74	224.54	186.70	37.83	5.935		
7,000.00	6,895.40	6,979.34	6,834.61	20.92	22.50	68.21	976.11	-798.39	229.56	190.62	38.93	5.896		
7,100.00	6,970.06	7,072.36	6,898.24	21.76	23.36	67.85	985.40	-865.49	234.64	194.22	40.42	5.806		
7,200.00	7,033.59	7,164.40	6,951.05	22.80	24.39	67.17	993.00	-940.40	239.55	197.18	42.37	5.654		
7,300.00	7,084.42	7,255.65	6,992.33	24.07	25.60	66.44	998.81	-1,021.48	244.06	199.21	44.85	5.442		
7,400.00	7,121.31	7,346.29	7,021.58	25.61	27.00	65.79	1,002.77	-1,107.10	248.00	200.12	47.88	5.180		
7,500.00	7,143.34	7,436.51	7,038.48	27.37	28.58	65.30	1,004.83	-1,195.62	251.21	199.81	51.40	4.887		
7,600.00	7,150.07	7,527.79	7,042.96	29.30	30.30	65.02	1,004.99	-1,286.73	253.59	198.31	55.28	4.588		
7,700.00	7,150.71	7,627.77	7,042.68	31.37	32.32	64.99	1,004.38	-1,386.71	255.56	196.31	59.25	4.313		
7,800.00	7,151.35	7,727.76	7,042.39	33.58	34.49	64.97	1,003.77	-1,486.68	257.53	194.09	63.44	4.060		
7,900.00	7,151.99	7,827.74	7,042.11	35.90	36.77	64.95	1,003.16	-1,586.66	259.50	191.70	67.80	3.828		
8,000.00	7,152.64	7,927.72	7,041.82	38.31	39.15	64.93	1,002.55	-1,686.64	261.47	189.17	72.30	3.616		
8,100.00	7,153.28	8,027.70	7,041.54	40.80	41.61	64.91	1,001.93	-1,786.62	263.44	186.52	76.92	3.425		
8,200.00	7,153.92	8,127.68	7,041.25	43.34	44.13	64.88	1,001.32	-1,886.60	265.42	183.78	81.64	3.251		
8,300.00	7,154.56	8,227.66	7,040.97	45.94	46.70	64.86	1,000.71	-1,986.57	267.39	180.95	86.44	3.093		
8,400.00	7,155.20	8,327.64	7,040.68	48.58	49.32	64.84	1,000.10	-2,086.55	269.36	178.06	91.30	2.950		
8,500.00	7,155.84	8,427.62	7,040.40	51.25	51.98	64.82	999.48	-2,186.53	271.33	175.11	96.22	2.820		
8,600.00	7,156.48	8,527.60	7,040.11	53.95	54.67	64.80	998.87	-2,286.51	273.30	172.11	101.19	2.701		
8,700.00	7,157.12	8,627.58	7,039.83	56.68	57.39	64.78	998.26	-2,386.49	275.27	169.07	106.20	2.592		
8,800.00	7,157.77	8,727.56	7,039.54	59.43	60.13	64.76	997.65	-2,486.47	277.24	166.00	111.25	2.492		
8,900.00	7,158.41	8,827.54	7,039.26	62.20	62.89	64.74	997.03	-2,586.44	279.22	162.89	116.32	2.400		
9,000.00	7,159.05	8,927.52	7,038.97	64.99	65.67	64.72	996.42	-2,686.42	281.19	159.76	121.42	2.316		
9,100.00	7,159.69	9,027.50	7,038.69	67.79	68.47	64.70	995.81	-2,786.40	283.16	156.61	126.55	2.238		
9,200.00	7,160.33	9,127.48	7,038.40	70.61	71.28	64.68	995.20	-2,886.38	285.13	153.43	131.70	2.165		
9,300.00	7,160.97	9,227.46	7,038.12	73.43	74.10	64.67	994.58	-2,986.36	287.10	150.24	136.86	2.098		
9,400.00	7,161.61	9,327.44	7,037.83	76.27	76.93	64.65	993.97	-3,086.34	289.07	147.03	142.04	2.035		
9,500.00	7,162.26	9,427.42	7,037.55	79.11	79.77	64.63	993.36	-3,186.31	291.05	143.81	147.24	1.977		
9,600.00	7,162.90	9,527.40	7,037.26	81.97	82.62	64.61	992.75	-3,286.29	293.02	140.57	152.44	1.922		
9,700.00	7,163.54	9,627.39	7,036.98	84.82	85.48	64.60	992.14	-3,386.27	294.99	137.33	157.66	1.871		
9,800.00	7,164.18	9,727.37	7,036.69	87.69	88.34	64.58	991.52	-3,486.25	296.96	134.07	162.89	1.823		
9,900.00	7,164.82	9,827.35	7,036.41	90.56	91.21	64.56	990.91	-3,586.23	298.93	130.80	168.13	1.778		
10,000.00	7,165.46	9,927.33	7,036.12	93.44	94.09	64.54	990.30	-3,686.20	300.90	127.53	173.37	1.736		
10,100.00	7,166.10	10,027.31	7,035.83	96.32	96.97	64.53	989.69	-3,786.18	302.88	124.25	178.63	1.696		
10,200.00	7,166.74	10,127.29	7,035.55	99.21	99.86	64.51	989.07	-3,886.16	304.85	120.96	183.89	1.658		
10,300.00	7,167.39	10,227.27	7,035.26	102.10	102.75	64.50	988.46	-3,986.14	306.82	117.67	189.15	1.622		
10,400.00	7,168.03	10,327.25	7,034.98	104.99	105.65	64.48	987.85	-4,086.12	308.79	114.37	194.42	1.588		
10,500.00	7,168.67	10,427.23	7,034.69	107.89	108.54	64.46	987.24	-4,186.10	310.76	111.07	199.70	1.556		
10,600.00	7,169.31	10,527.21	7,034.41	110.79	111.45	64.45	986.62	-4,286.07	312.74	107.76	204.98	1.526		
10,700.00	7,169.95	10,627.19	7,034.12	113.69	114.35	64.43	986.01	-4,386.05	314.71	104.45	210.26	1.497 Level 3		
10,800.00	7,170.59	10,727.17	7,033.84	116.60	117.26	64.42	985.40	-4,486.03	316.68	101.13	215.55	1.469 Level 3		
10,900.00	7,171.23	10,827.15	7,033.55	119.51	120.17	64.40	984.79	-4,586.01	318.65	97.81	220.84	1.443 Level 3		
11,000.00	7,171.88	10,927.13	7,033.27	122.42	123.08	64.39	984.18	-4,685.99	320.63	94.49	226.13	1.418 Level 3		
11,100.00	7,172.52	11,027.11	7,032.98	125.33	126.00	64.37	983.56	-4,785.97	322.60	91.17	231.43	1.394 Level 3		
11,200.00	7,173.16	11,127.09	7,032.70	128.25	128.91	64.36	982.95	-4,885.94	324.57	87.84	236.73	1.371 Level 3		
11,300.00	7,173.80	11,227.07	7,032.41	131.16	131.83	64.35	982.34	-4,985.92	326.54	84.51	242.03	1.349 Level 3		
11,400.00	7,174.44	11,327.05	7,032.13	134.08	134.75	64.33	981.73	-5,085.90	328.51	81.18	247.34	1.328 Level 3		
11,500.00	7,175.08	11,427.03	7,031.84	137.00	137.68	64.32	981.11	-5,185.88	330.49	77.84	252.64	1.308 Level 3		
11,600.00	7,175.72	11,527.02	7,031.56	139.92	140.60	64.30	980.50	-5,285.86	332.46	74.51	257.95	1.289 Level 3		
11,700.00	7,176.36	11,627.00	7,031.27	142.84	143.53	64.29	979.89	-5,385.83	334.43	71.17	263.26	1.270 Level 3		
11,800.00	7,177.01	11,726.98	7,030.99	145.77	146.45	64.28	979.28	-5,485.81	336.40	67.83	268.57	1.253 Level 3		
11,900.00	7,177.65	11,826.96	7,030.70	148.69	149.38	64.26	978.66	-5,585.79	338.38	64.49	273.88	1.235 Level 2		
12,000.00	7,178.29	11,926.94	7,030.42	151.62	152.31	64.25	978.05	-5,685.77	340.35	61.15	279.20	1.219 Level 2		
12,100.00	7,178.93	12,026.92	7,030.13	154.55	155.24	64.24	977.44	-5,785.75	342.32	57.81	284.51	1.203 Level 2		
12,200.00	7,179.57	12,126.90	7,029.85	157.48	158.18	64.22	976.83	-5,885.73	344.29	54.46	289.83	1.188 Level 2		
12,300.00	7,180.21	12,226.88	7,029.56	160.41	161.11	64.21	976.22	-5,985.70	346.26	51.12	295.15	1.173 Level 2		
12,400.00	7,180.85	12,326.86	7,029.28	163.34	164.04	64.20	975.60	-6,085.68	348.24	47.77	300.47	1.159 Level 2		
12,500.00	7,181.50	12,426.84	7,028.99	166.27	166.98	64.19	974.99	-6,185.66	350.21	44.42	305.78	1.145 Level 2		
12,600.00	7,182.14	12,526.82	7,028.71	169.20	169.91	64.18	974.38	-6,285.64	352.18	41.08	311.10	1.132 Level 2		
12,700.00	7,182.78	12,626.81	7,028.42	172.14	172.85	64.04	973.77	-6,385.63	352.71	36.54	316.17	1.116 Level 2		
12,800.00	7,183.42	12,726.80	7,028.14	175.09	175.79	63.81	973.15	-6,485.61	351.91	30.93	320.98	1.096 Level 2		
12,900.00	7,184.06	12,826.78	7,027.85	178.03	178.73	63.58	972.54	-6,585.60	351.12	25.34	325.77	1.078 Level 2		
13,000.00	7,184.70	12,926.77	7,027.57	180.98	181.67	63.35	971.93	-6,685.58	350.33	19.79	330.54	1.060 Level 2		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	
13,100.00	7,185.35	13,026.76	7,027.28	183.93	184.61	63.11	971.32	-6,785.56	349.55	14.27	335.28	1.043	Level 2	
13,200.00	7,185.99	13,126.74	7,027.00	186.88	187.55	62.88	970.70	-6,885.55	348.78	8.78	339.99	1.026	Level 2	
13,300.00	7,186.63	13,226.73	7,026.71	189.82	190.49	62.64	970.09	-6,985.53	348.01	3.33	344.68	1.010	Level 2	
13,400.00	7,187.27	13,326.72	7,026.43	192.77	193.43	62.40	969.48	-7,085.52	347.24	-2.09	349.34	0.994	Level 1	
13,500.00	7,187.91	13,426.70	7,026.14	195.72	196.38	62.16	968.87	-7,185.50	346.49	-7.48	353.97	0.979	Level 1	
13,600.00	7,188.55	13,526.69	7,025.86	198.67	199.32	61.92	968.25	-7,285.49	345.74	-12.84	358.57	0.964	Level 1	
13,700.00	7,189.20	13,626.68	7,025.57	201.62	202.26	61.68	967.64	-7,385.47	344.99	-18.16	363.15	0.950	Level 1	
13,800.00	7,189.84	13,726.66	7,025.29	204.57	205.21	61.44	967.03	-7,485.46	344.25	-23.45	367.70	0.936	Level 1	
13,900.00	7,190.48	13,826.65	7,025.00	207.53	208.15	61.20	966.42	-7,585.44	343.52	-28.70	372.22	0.923	Level 1	
14,000.00	7,191.12	13,926.64	7,024.72	210.48	211.10	60.95	965.80	-7,685.42	342.79	-33.91	376.70	0.910	Level 1	
14,100.00	7,191.76	14,026.62	7,024.43	213.43	214.04	60.71	965.19	-7,785.41	342.07	-39.09	381.16	0.897	Level 1	
14,200.00	7,192.40	14,126.61	7,024.15	216.38	216.99	60.46	964.58	-7,885.39	341.36	-44.23	385.59	0.885	Level 1	
14,300.00	7,193.05	14,226.60	7,023.86	219.33	219.93	60.22	963.97	-7,985.38	340.65	-49.34	389.99	0.873	Level 1	
14,400.00	7,193.69	14,326.58	7,023.58	222.29	222.88	59.97	963.36	-8,085.36	339.95	-54.40	394.35	0.862	Level 1	
14,500.00	7,194.33	14,426.57	7,023.29	225.24	225.83	59.72	962.74	-8,185.35	339.25	-59.43	398.68	0.851	Level 1	
14,600.00	7,194.97	14,526.56	7,023.01	228.20	228.78	59.47	962.13	-8,285.33	338.57	-64.42	402.99	0.840	Level 1	
14,700.00	7,195.61	14,626.54	7,022.72	231.15	231.72	59.22	961.52	-8,385.32	337.88	-69.37	407.25	0.830	Level 1	
14,800.00	7,196.26	14,726.53	7,022.44	234.10	234.67	58.97	960.91	-8,485.30	337.21	-74.28	411.49	0.819	Level 1	
14,900.00	7,196.90	14,826.52	7,022.15	237.06	237.62	58.71	960.29	-8,585.28	336.54	-79.15	415.69	0.810	Level 1	
15,000.00	7,197.54	14,926.51	7,021.87	240.01	240.57	58.46	959.68	-8,685.27	335.88	-83.98	419.85	0.800	Level 1	
15,100.00	7,198.18	15,026.49	7,021.58	242.97	243.52	58.20	959.07	-8,785.25	335.22	-88.76	423.99	0.791	Level 1	
15,200.00	7,198.82	15,126.48	7,021.29	245.92	246.47	57.95	958.46	-8,885.24	334.57	-93.51	428.08	0.782	Level 1	
15,300.00	7,199.46	15,226.47	7,021.01	248.88	249.42	57.69	957.84	-8,985.22	333.93	-98.21	432.14	0.773	Level 1	
15,400.00	7,200.11	15,326.45	7,020.72	251.84	252.37	57.43	957.23	-9,085.21	333.29	-102.87	436.17	0.764	Level 1	
15,500.00	7,200.75	15,426.44	7,020.44	254.79	255.32	57.18	956.62	-9,185.19	332.66	-107.49	440.16	0.756	Level 1	
15,600.00	7,201.39	15,526.43	7,020.15	257.75	258.27	56.92	956.01	-9,285.18	332.04	-112.06	444.11	0.748	Level 1	
15,700.00	7,202.03	15,626.41	7,019.87	260.70	261.22	56.65	955.39	-9,385.16	331.43	-116.59	448.02	0.740	Level 1	
15,800.00	7,202.67	15,726.40	7,019.58	263.66	264.17	56.39	954.78	-9,485.14	330.82	-121.08	451.90	0.732	Level 1	
15,900.00	7,203.32	15,826.39	7,019.30	266.62	267.12	56.13	954.17	-9,585.13	330.22	-125.52	455.73	0.725	Level 1	
16,000.00	7,203.96	15,926.37	7,019.01	269.57	270.07	55.87	953.56	-9,685.11	329.62	-129.91	459.53	0.717	Level 1	
16,100.00	7,204.60	16,026.36	7,018.73	272.53	273.02	55.60	952.95	-9,785.10	329.04	-134.25	463.29	0.710	Level 1	
16,200.00	7,205.24	16,126.35	7,018.44	275.49	275.98	55.34	952.33	-9,885.08	328.46	-138.55	467.01	0.703	Level 1	
16,300.00	7,205.88	16,226.33	7,018.16	278.45	278.93	55.07	951.72	-9,985.07	327.88	-142.81	470.69	0.697	Level 1	
16,400.00	7,206.52	16,326.32	7,017.87	281.40	281.88	54.80	951.11	-10,085.05	327.32	-147.01	474.33	0.690	Level 1	
16,500.00	7,207.17	16,426.31	7,017.59	284.36	284.83	54.53	950.50	-10,185.04	326.76	-151.17	477.93	0.684	Level 1	
16,600.00	7,207.81	16,526.29	7,017.30	287.32	287.79	54.26	949.88	-10,285.02	326.21	-155.28	481.48	0.678	Level 1	
16,700.00	7,208.45	16,626.28	7,017.02	290.28	290.74	53.99	949.27	-10,385.00	325.66	-159.34	485.00	0.671	Level 1	
16,800.00	7,209.09	16,726.27	7,016.73	293.24	293.69	53.72	948.66	-10,484.99	325.12	-163.35	488.47	0.666	Level 1	
16,900.00	7,209.73	16,826.25	7,016.45	296.20	296.64	53.45	948.05	-10,584.97	324.59	-167.31	491.90	0.660	Level 1	
17,000.00	7,210.38	16,926.24	7,016.16	299.15	299.60	53.18	947.43	-10,684.96	324.07	-171.22	495.29	0.654	Level 1	
17,100.00	7,211.02	17,026.23	7,015.88	302.11	302.55	52.90	946.82	-10,784.94	323.56	-175.08	498.63	0.649	Level 1	
17,200.00	7,211.66	17,126.21	7,015.59	305.07	305.50	52.63	946.21	-10,884.93	323.05	-178.88	501.93	0.644	Level 1	
17,300.00	7,212.30	17,226.20	7,015.31	308.03	308.46	52.35	945.60	-10,984.91	322.55	-182.64	505.19	0.638	Level 1	
17,400.00	7,212.94	17,326.19	7,015.02	310.99	311.41	52.08	944.98	-11,084.89	322.06	-186.34	508.40	0.633	Level 1	
17,409.36	7,213.00	17,335.54	7,015.00	311.26	311.69	52.05	944.93	-11,094.25	322.01	-186.69	508.70	0.633	Level 1, ES, SF	

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference				Offset			Semi Major Axis			Distance			Separation Factor	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)				
0.00	0.00	0.00	0.00	3.28	3.28	-179.52	-99.82	-0.84	99.83						
100.00	100.00	100.00	100.00	3.28	3.28	-179.52	-99.82	-0.84	99.83	92.30	7.53	13.262			
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-99.82	-0.84	99.83	92.26	7.57	13.189			
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-99.82	-0.84	99.83	92.26	7.57	13.189	CC, ES		
300.00	300.00	299.45	299.44	3.35	3.34	-137.75	-99.95	-1.24	100.29	92.63	7.65	13.105			
400.00	399.93	398.23	398.17	3.41	3.40	-137.20	-101.01	-4.48	103.98	96.20	7.77	13.373			
500.00	499.68	496.70	496.40	3.50	3.48	-136.20	-103.12	-10.93	111.37	103.42	7.95	14.016			
600.00	599.13	604.80	594.40	3.62	3.60	-135.01	-106.20	-20.36	122.39	114.21	8.18	14.965			
700.00	698.15	705.75	692.87	3.76	3.74	-134.74	-109.51	-30.48	136.13	127.67	8.46	16.096			
800.00	796.92	806.88	791.17	3.93	3.90	-135.16	-112.81	-40.58	151.08	142.30	8.78	17.207			
900.00	895.69	908.01	889.46	4.12	4.08	-135.50	-116.11	-50.68	166.05	156.91	9.14	18.167			
1,000.00	994.46	990.86	987.76	4.34	4.25	-135.78	-119.41	-60.78	181.02	171.52	9.50	19.057			
1,100.00	1,093.23	1,089.73	1,086.06	4.58	4.45	-136.02	-122.72	-70.88	195.99	186.07	9.92	19.763			
1,200.00	1,192.00	1,188.60	1,184.35	4.83	4.67	-136.23	-126.02	-80.98	210.96	200.60	10.36	20.359			
1,300.00	1,290.76	1,287.47	1,282.65	5.09	4.90	-136.41	-129.32	-91.08	225.94	215.11	10.83	20.863			
1,400.00	1,389.53	1,386.34	1,380.95	5.37	5.15	-136.57	-132.62	-101.18	240.92	229.60	11.32	21.289			
1,500.00	1,488.30	1,485.21	1,479.25	5.66	5.40	-136.70	-135.92	-111.28	255.90	244.08	11.82	21.648			
1,600.00	1,587.07	1,584.08	1,577.54	5.95	5.65	-136.83	-139.22	-121.38	270.88	258.54	12.34	21.951			
1,700.00	1,685.84	1,682.95	1,675.84	6.25	5.92	-136.94	-142.52	-131.48	285.86	272.99	12.87	22.208			
1,800.00	1,784.61	1,781.82	1,774.14	6.42	6.08	-137.04	-145.83	-141.58	300.84	288.04	12.80	23.501			
1,900.00	1,883.38	1,880.69	1,872.43	6.46	6.13	-137.13	-149.13	-151.68	315.83	302.95	12.88	24.528			
2,000.00	1,982.15	1,979.56	1,970.73	6.52	6.17	-137.21	-152.43	-161.78	330.81	317.85	12.96	25.524			
2,100.00	2,080.92	2,078.43	2,069.03	6.59	6.23	-137.28	-155.73	-171.89	345.80	332.72	13.08	26.440			
2,200.00	2,179.68	2,177.30	2,167.33	6.69	6.30	-137.35	-159.03	-181.99	360.78	347.56	13.23	27.273			
2,300.00	2,278.45	2,276.17	2,265.62	6.81	6.39	-137.41	-162.33	-192.09	375.77	362.36	13.41	28.021			
2,400.00	2,377.22	2,375.04	2,363.92	6.94	6.49	-137.47	-165.63	-202.19	390.76	377.14	13.62	28.686			
2,500.00	2,475.99	2,473.91	2,462.22	7.08	6.61	-137.53	-168.94	-212.29	405.75	391.88	13.86	29.271			
2,600.00	2,574.76	2,572.78	2,560.51	7.25	6.74	-137.58	-172.24	-222.39	420.73	406.60	14.13	29.779			
2,700.00	2,673.53	2,671.65	2,658.81	7.42	6.88	-137.62	-175.54	-232.49	435.72	421.30	14.42	30.215			
2,800.00	2,772.30	2,770.52	2,757.11	7.61	7.04	-137.67	-178.84	-242.59	450.71	435.97	14.74	30.584			
2,900.00	2,871.07	2,869.39	2,855.41	7.82	7.20	-137.71	-182.14	-252.69	465.70	450.62	15.08	30.891			
3,000.00	2,969.83	2,968.26	2,953.70	8.03	7.38	-137.75	-185.44	-262.79	480.69	465.25	15.43	31.144			
3,100.00	3,068.60	3,067.13	3,052.00	8.25	7.56	-137.78	-188.74	-272.89	495.68	479.86	15.81	31.346			
3,200.00	3,167.37	3,166.00	3,150.30	8.48	7.76	-137.82	-192.04	-282.99	510.66	494.46	16.21	31.504			
3,300.00	3,266.14	3,264.87	3,248.59	8.73	7.96	-137.85	-195.35	-293.09	525.65	509.03	16.62	31.624			
3,400.00	3,364.91	3,363.74	3,346.89	8.98	8.17	-137.88	-198.65	-303.19	540.64	523.59	17.05	31.708			
3,500.00	3,463.68	3,462.61	3,445.19	9.23	8.39	-137.91	-201.95	-313.29	555.63	538.14	17.49	31.763			
3,600.00	3,562.45	3,561.48	3,543.48	9.50	8.61	-137.93	-205.25	-323.39	570.62	552.67	17.95	31.793			
3,700.00	3,661.22	3,660.35	3,641.78	9.77	8.84	-137.96	-208.55	-333.49	585.61	567.20	18.42	31.799			
3,800.00	3,759.99	3,759.22	3,740.08	10.04	9.08	-137.98	-211.85	-343.59	600.60	581.71	18.89	31.787			
3,900.00	3,858.75	3,858.09	3,838.38	10.32	9.32	-138.01	-215.15	-353.70	615.59	596.21	19.38	31.758			
4,000.00	3,957.52	3,956.96	3,936.67	10.61	9.57	-138.03	-218.46	-363.80	630.58	610.70	19.88	31.716			
4,100.00	4,056.29	4,055.82	4,034.97	10.90	9.82	-138.05	-221.76	-373.90	645.57	625.18	20.39	31.662			
4,200.00	4,155.06	4,154.69	4,133.27	11.19	10.07	-138.07	-225.06	-384.00	660.56	639.66	20.91	31.598			
4,300.00	4,253.83	4,253.56	4,231.56	11.49	10.33	-138.09	-228.36	-394.10	675.55	654.12	21.43	31.526			
4,400.00	4,352.60	4,352.43	4,329.86	11.79	10.59	-138.11	-231.66	-404.20	690.54	668.58	21.96	31.448			
4,500.00	4,451.37	4,451.30	4,428.16	12.10	10.86	-138.12	-234.96	-414.30	705.53	683.04	22.50	31.364			
4,600.00	4,550.14	4,550.17	4,526.46	12.41	11.12	-138.14	-238.26	-424.40	720.52	697.49	23.04	31.276			
4,700.00	4,648.91	4,649.04	4,624.75	12.72	11.39	-138.16	-241.57	-434.50	735.51	711.93	23.59	31.184			
4,800.00	4,747.67	4,747.91	4,723.05	13.03	11.67	-138.17	-244.87	-444.60	750.51	726.37	24.14	31.090			
4,900.00	4,846.44	4,846.78	4,821.35	13.35	11.94	-138.19	-248.17	-454.70	765.50	740.80	24.70	30.995			
5,000.00	4,945.21	4,945.65	4,919.64	13.66	12.22	-138.20	-251.47	-464.80	780.49	755.23	25.26	30.897			
5,100.00	5,043.98	5,044.52	5,017.94	13.98	12.50	-138.22	-254.77	-474.90	795.48	769.65	25.83	30.799			
5,200.00	5,142.75	5,143.39	5,116.24	14.31	12.78	-138.23	-258.07	-485.00	810.47	784.07	26.40	30.701			
5,300.00	5,241.52	5,242.26	5,214.54	14.63	13.07	-138.24	-261.37	-495.10	825.46	798.49	26.97	30.602			
5,400.00	5,340.29	5,341.13	5,312.83	14.96	13.35	-138.25	-264.67	-505.20	840.45	812.90	27.55	30.504			
5,500.00	5,439.06	5,440.00	5,411.13	15.28	13.64	-138.27	-267.98	-515.30	855.44	827.31	28.13	30.406			
5,600.00	5,537.82	5,538.87	5,509.43	15.61	13.93	-138.28	-271.28	-525.41	870.43	841.71	28.72	30.309			
5,700.00	5,636.59	5,637.74	5,607.72	15.94	14.22	-138.29	-274.58	-535.51	885.42	856.12	29.31	30.213			
5,800.00	5,735.36	5,736.61	5,706.02	16.27	14.51	-138.30	-277.88	-545.61	900.41	870.52	29.90	30.118			
5,900.00	5,834.13	5,835.48	5,804.32	16.61	14.80	-138.31	-281.18	-555.71	915.40	884.92	30.49	30.024			
6,000.00	5,932.90	5,934.35	5,902.62	16.94	15.10	-138.32	-284.48	-565.81	930.40	899.31	31.08	29.932			
6,100.00	6,031.67	6,033.22	6,000.91	17.27	15.39	-138.33	-287.78	-575.91	945.39	913.71	31.68	29.841			
6,200.00	6,130.44	6,132.09	6,099.21	17.61	15.69	-138.34	-291.09	-586.01	960.38	928.10	32.28	29.751			
6,300.00	6,229.21	6,230.96	6,197.51	17.95	15.99	-138.35	-294.39	-596.11	975.37	942.49	32.88	29.662			
6,400.00	6,327.98	6,329.83	6,295.80	18.28	16.28	-138.36	-297.69	-606.21	990.36	956.87	33.49	29.575			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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				
6,500.00	6,426.74	6,428.70	6,394.10	18.62	16.58	-138.37	-300.99	-616.31	1,005.35	971.26	34.09	29.490				
6,600.00	6,525.51	6,527.57	6,492.40	18.96	16.88	-138.37	-304.29	-626.41	1,020.34	985.64	34.70	29.406				
6,700.00	6,624.10	6,626.49	6,590.74	19.31	17.18	-123.57	-307.59	-636.54	1,035.29	999.98	35.31	29.319				
6,800.00	6,720.27	6,727.02	6,689.29	19.72	17.56	-107.54	-310.95	-655.57	1,049.66	1,013.59	36.07	29.100				
6,900.00	6,811.45	6,828.69	6,784.65	20.26	18.06	-100.56	-314.26	-690.34	1,063.00	1,025.91	37.09	28.660				
7,000.00	6,895.40	6,931.53	6,874.26	20.92	18.72	-96.64	-317.46	-740.50	1,074.99	1,036.56	38.43	27.975				
7,100.00	6,970.06	7,035.54	6,955.47	21.76	19.58	-94.14	-320.45	-805.23	1,085.31	1,045.14	40.16	27.021				
7,200.00	7,033.59	7,140.62	7,025.73	22.80	20.68	-92.46	-323.14	-883.15	1,093.70	1,051.30	42.40	25.793				
7,300.00	7,084.42	7,246.61	7,082.66	24.07	22.08	-91.34	-325.44	-972.38	1,099.95	1,054.73	45.22	24.324				
7,400.00	7,121.31	7,353.28	7,124.23	25.61	23.79	-90.64	-327.27	-1,070.46	1,103.88	1,055.25	48.63	22.701				
7,500.00	7,143.34	7,460.35	7,148.94	27.37	25.79	-90.32	-328.57	-1,174.51	1,105.39	1,052.83	52.56	21.033				
7,600.00	7,150.07	7,566.78	7,155.98	29.30	27.96	-90.30	-329.29	-1,280.58	1,104.46	1,047.65	56.81	19.441				
7,700.00	7,150.71	7,666.76	7,155.83	31.37	30.15	-90.26	-329.75	-1,380.56	1,102.55	1,041.36	61.20	18.016				
7,800.00	7,151.35	7,766.74	7,155.68	33.58	32.45	-90.22	-330.20	-1,480.54	1,100.65	1,034.84	65.82	16.723				
7,900.00	7,151.99	7,866.71	7,155.53	35.90	34.85	-90.18	-330.66	-1,580.51	1,098.75	1,028.12	70.63	15.557				
8,000.00	7,152.64	7,966.69	7,155.37	38.31	37.34	-90.14	-331.12	-1,680.49	1,096.85	1,021.25	75.60	14.508				
8,100.00	7,153.28	8,066.67	7,155.22	40.80	39.89	-90.09	-331.58	-1,780.47	1,094.95	1,014.25	80.70	13.568				
8,200.00	7,153.92	8,166.65	7,155.07	43.34	42.50	-90.05	-332.03	-1,880.45	1,093.05	1,007.15	85.91	12.724				
8,300.00	7,154.56	8,266.63	7,154.92	45.94	45.15	-90.01	-332.49	-1,980.42	1,091.16	999.96	91.20	11.965				
8,400.00	7,155.20	8,366.61	7,154.76	48.58	47.83	-89.97	-332.95	-2,080.40	1,089.26	992.69	96.56	11.280				
8,500.00	7,155.84	8,466.59	7,154.61	51.25	50.55	-89.93	-333.41	-2,180.38	1,087.36	985.37	101.99	10.661				
8,600.00	7,156.48	8,566.57	7,154.46	53.95	53.30	-89.89	-333.86	-2,280.36	1,085.46	978.00	107.47	10.100				
8,700.00	7,157.12	8,666.55	7,154.30	56.68	56.06	-89.84	-334.32	-2,380.33	1,083.57	970.58	112.99	9.590				
8,800.00	7,157.77	8,766.52	7,154.15	59.43	58.85	-89.80	-334.78	-2,480.31	1,081.67	963.12	118.55	9.124				
8,900.00	7,158.41	8,866.50	7,154.00	62.20	61.65	-89.76	-335.24	-2,580.29	1,079.78	955.63	124.14	8.698				
9,000.00	7,159.05	8,966.48	7,153.85	64.99	64.47	-89.72	-335.69	-2,680.27	1,077.88	948.12	129.77	8.306				
9,100.00	7,159.69	9,066.46	7,153.69	67.79	67.30	-89.67	-336.15	-2,780.25	1,075.99	940.58	135.41	7.946				
9,200.00	7,160.33	9,166.44	7,153.54	70.61	70.14	-89.63	-336.61	-2,880.22	1,074.10	933.02	141.08	7.613				
9,300.00	7,160.97	9,266.42	7,153.39	73.43	72.98	-89.59	-337.07	-2,980.20	1,072.20	925.44	146.77	7.305				
9,400.00	7,161.61	9,366.40	7,153.24	76.27	75.84	-89.54	-337.52	-3,080.18	1,070.31	917.84	152.47	7.020				
9,500.00	7,162.26	9,466.38	7,153.08	79.11	78.71	-89.50	-337.98	-3,180.16	1,068.42	910.23	158.20	6.754				
9,600.00	7,162.90	9,566.35	7,152.93	81.97	81.58	-89.46	-338.44	-3,280.13	1,066.53	902.60	163.93	6.506				
9,700.00	7,163.54	9,666.33	7,152.78	84.82	84.46	-89.41	-338.90	-3,380.11	1,064.64	894.97	169.68	6.275				
9,800.00	7,164.18	9,766.31	7,152.63	87.69	87.34	-89.37	-339.35	-3,480.09	1,062.75	887.32	175.43	6.058				
9,900.00	7,164.82	9,866.29	7,152.47	90.56	90.23	-89.33	-339.81	-3,580.07	1,060.86	879.66	181.20	5.855				
10,000.00	7,165.46	9,966.27	7,152.32	93.44	93.13	-89.28	-340.27	-3,680.04	1,058.98	872.00	186.98	5.664				
10,100.00	7,166.10	10,066.25	7,152.17	96.32	96.03	-89.24	-340.73	-3,780.02	1,057.09	864.33	192.76	5.484				
10,200.00	7,166.74	10,166.23	7,152.01	99.21	98.93	-89.19	-341.18	-3,880.00	1,055.20	856.65	198.55	5.315				
10,300.00	7,167.39	10,266.21	7,151.86	102.10	101.83	-89.15	-341.64	-3,979.98	1,053.31	848.97	204.35	5.154				
10,400.00	7,168.03	10,366.19	7,151.71	104.99	104.74	-89.10	-342.10	-4,079.95	1,051.43	841.28	210.15	5.003				
10,500.00	7,168.67	10,466.16	7,151.56	107.89	107.65	-89.06	-342.56	-4,179.93	1,049.54	833.58	215.96	4.860				
10,600.00	7,169.31	10,566.14	7,151.40	110.79	110.57	-89.01	-343.01	-4,279.91	1,047.66	825.88	221.78	4.724				
10,700.00	7,169.95	10,666.12	7,151.25	113.69	113.48	-88.97	-343.47	-4,379.89	1,045.78	818.18	227.60	4.595				
10,800.00	7,170.59	10,766.10	7,151.10	116.60	116.40	-88.92	-343.93	-4,479.87	1,043.89	810.47	233.42	4.472				
10,900.00	7,171.23	10,866.08	7,150.95	119.51	119.32	-88.88	-344.39	-4,579.84	1,042.01	802.76	239.25	4.355				
11,000.00	7,171.88	10,966.06	7,150.79	122.42	122.24	-88.83	-344.84	-4,679.82	1,040.13	795.05	245.08	4.244				
11,100.00	7,172.52	11,066.04	7,150.64	125.33	125.17	-88.79	-345.30	-4,779.80	1,038.25	787.33	250.92	4.138				
11,200.00	7,173.16	11,166.02	7,150.49	128.25	128.10	-88.74	-345.76	-4,879.78	1,036.37	779.62	256.75	4.036				
11,300.00	7,173.80	11,266.00	7,150.34	131.16	131.02	-88.69	-346.22	-4,979.75	1,034.49	771.89	262.59	3.940				
11,400.00	7,174.44	11,365.97	7,150.18	134.08	133.95	-88.65	-346.67	-5,079.73	1,032.61	764.17	268.44	3.847				
11,500.00	7,175.08	11,465.95	7,150.03	137.00	136.88	-88.60	-347.13	-5,179.71	1,030.73	756.45	274.28	3.758				
11,600.00	7,175.72	11,565.93	7,149.88	139.92	139.82	-88.55	-347.59	-5,279.69	1,028.85	748.72	280.13	3.673				
11,700.00	7,176.36	11,665.91	7,149.72	142.84	142.75	-88.51	-348.05	-5,379.66	1,026.98	741.00	285.98	3.591				
11,800.00	7,177.01	11,765.89	7,149.57	145.77	145.68	-88.46	-348.50	-5,479.64	1,025.10	733.27	291.83	3.513				
11,900.00	7,177.65	11,865.87	7,149.42	148.69	148.62	-88.41	-348.96	-5,579.62	1,023.22	725.54	297.69	3.437				
12,000.00	7,178.29	11,965.85	7,149.27	151.62	151.55	-88.36	-349.42	-5,679.60	1,021.35	717.81	303.54	3.365				
12,100.00	7,178.93	12,065.83	7,149.11	154.55	154.49	-88.32	-349.88	-5,779.58	1,019.48	710.08	309.40	3.295				
12,200.00	7,179.57	12,165.80	7,148.96	157.48	157.43	-88.27	-350.33	-5,879.55	1,017.60	702.35	315.25	3.228				
12,300.00	7,180.21	12,265.78	7,148.81	160.41	160.37	-88.22	-350.79	-5,979.53	1,015.73	694.62	321.11	3.163				
12,400.00	7,180.85	12,365.76	7,148.66	163.34	163.31	-88.17	-351.25	-6,079.51	1,013.86	686.88	326.97	3.101				
12,500.00	7,181.50	12,465.74	7,148.50	166.27	166.25	-88.12	-351.71	-6,179.49	1,011.99	679.15	332.83	3.041				
12,600.00	7,182.14	12,565.72	7,148.35	169.20	169.19	-88.08	-352.16	-6,279.46	1,010.12	671.42	338.70	2.982				
12,660.64	7,182.53	12,626.36	7,148.26	170.98	170.98	-88.05	-352.44	-6,340.10	1,009.55	667.29	342.25	2.950				
12,700.00	7,182.78	12,665.71	7,148.20	172.14	172.13	-88.04	-352.62	-6,379.45	1,009.85	665.29	344.56	2.931				
12,800.00	7,183.42	12,765.70	7,148.05	175.09	175.08	-88.00	-353.08	-6,479.44	1,011.07	660.63	350.44	2.885				
12,900.00	7,184.06	12,865.69	7,147.89	178.03	178.02	-87.96	-353.54	-6,579.43	1,012.28	655.97	356.32	2.841				

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	
13,000.00	7,184.70	12,965.68	7,147.74	180.98	180.96	-87.91	-353.99	-6,679.42	1,013.50	651.30	362.19	2.798		
13,100.00	7,185.35	13,065.67	7,147.59	183.93	183.91	-87.87	-354.45	-6,779.41	1,014.71	646.64	368.07	2.757		
13,200.00	7,185.99	13,165.66	7,147.43	186.88	186.85	-87.83	-354.91	-6,879.40	1,015.93	641.98	373.95	2.717		
13,300.00	7,186.63	13,265.65	7,147.28	189.82	189.80	-87.79	-355.37	-6,979.39	1,017.14	637.32	379.83	2.678		
13,400.00	7,187.27	13,365.64	7,147.13	192.77	192.75	-87.75	-355.82	-7,079.37	1,018.36	632.66	385.71	2.640		
13,500.00	7,187.91	13,465.63	7,146.98	195.72	195.69	-87.70	-356.28	-7,179.36	1,019.58	627.99	391.59	2.604		
13,600.00	7,188.55	13,565.62	7,146.82	198.67	198.64	-87.66	-356.74	-7,279.35	1,020.80	623.33	397.47	2.568		
13,700.00	7,189.20	13,665.61	7,146.67	201.62	201.59	-87.62	-357.20	-7,379.34	1,022.02	618.67	403.35	2.534		
13,800.00	7,189.84	13,765.60	7,146.52	204.57	204.54	-87.58	-357.65	-7,479.33	1,023.24	614.01	409.23	2.500		
13,900.00	7,190.48	13,865.59	7,146.37	207.53	207.48	-87.54	-358.11	-7,579.32	1,024.46	609.35	415.11	2.468		
14,000.00	7,191.12	13,965.58	7,146.21	210.48	210.43	-87.49	-358.57	-7,679.31	1,025.68	604.69	420.99	2.436		
14,100.00	7,191.76	14,065.57	7,146.06	213.43	213.38	-87.45	-359.03	-7,779.30	1,026.90	600.03	426.87	2.406		
14,200.00	7,192.40	14,165.56	7,145.91	216.38	216.33	-87.41	-359.48	-7,879.28	1,028.12	595.37	432.75	2.376		
14,300.00	7,193.05	14,265.55	7,145.76	219.33	219.28	-87.37	-359.94	-7,979.27	1,029.34	590.71	438.64	2.347		
14,400.00	7,193.69	14,365.54	7,145.60	222.29	222.23	-87.33	-360.40	-8,079.26	1,030.57	586.05	444.52	2.318		
14,500.00	7,194.33	14,465.53	7,145.45	225.24	225.18	-87.29	-360.86	-8,179.25	1,031.79	581.39	450.40	2.291		
14,600.00	7,194.97	14,565.52	7,145.30	228.20	228.13	-87.25	-361.31	-8,279.24	1,033.01	576.73	456.28	2.264		
14,700.00	7,195.61	14,665.51	7,145.14	231.15	231.08	-87.21	-361.77	-8,379.23	1,034.24	572.07	462.16	2.238		
14,800.00	7,196.26	14,765.50	7,144.99	234.10	234.04	-87.17	-362.23	-8,479.22	1,035.46	567.42	468.04	2.212		
14,900.00	7,196.90	14,865.49	7,144.84	237.06	236.99	-87.13	-362.69	-8,579.20	1,036.69	562.76	473.93	2.187		
15,000.00	7,197.54	14,965.48	7,144.69	240.01	239.94	-87.09	-363.14	-8,679.19	1,037.91	558.10	479.81	2.163		
15,100.00	7,198.18	15,065.47	7,144.53	242.97	242.89	-87.04	-363.60	-8,779.18	1,039.14	553.45	485.69	2.140		
15,200.00	7,198.82	15,165.46	7,144.38	245.92	245.84	-87.00	-364.06	-8,879.17	1,040.37	548.79	491.57	2.116		
15,300.00	7,199.46	15,265.45	7,144.23	248.88	248.80	-86.96	-364.52	-8,979.16	1,041.59	544.14	497.45	2.094		
15,400.00	7,200.11	15,365.44	7,144.08	251.84	251.75	-86.92	-364.97	-9,079.15	1,042.82	539.49	503.33	2.072		
15,500.00	7,200.75	15,465.43	7,143.92	254.79	254.70	-86.88	-365.43	-9,179.14	1,044.05	534.83	509.22	2.050		
15,600.00	7,201.39	15,565.42	7,143.77	257.75	257.65	-86.84	-365.89	-9,279.12	1,045.28	530.18	515.10	2.029		
15,700.00	7,202.03	15,665.41	7,143.62	260.70	260.61	-86.80	-366.35	-9,379.11	1,046.51	525.53	520.98	2.009		
15,800.00	7,202.67	15,765.40	7,143.46	263.66	263.56	-86.76	-366.80	-9,479.10	1,047.74	520.88	526.86	1.989		
15,900.00	7,203.32	15,865.39	7,143.31	266.62	266.52	-86.72	-367.26	-9,579.09	1,048.97	516.23	532.74	1.969		
16,000.00	7,203.96	15,965.37	7,143.16	269.57	269.47	-86.69	-367.72	-9,679.08	1,050.20	511.58	538.62	1.950		
16,100.00	7,204.60	16,065.36	7,143.01	272.53	272.42	-86.65	-368.18	-9,779.07	1,051.43	506.93	544.50	1.931		
16,200.00	7,205.24	16,165.35	7,142.85	275.49	275.38	-86.61	-368.63	-9,879.06	1,052.66	502.29	550.38	1.913		
16,300.00	7,205.88	16,265.34	7,142.70	278.45	278.33	-86.57	-369.09	-9,979.05	1,053.90	497.64	556.26	1.895		
16,400.00	7,206.52	16,365.33	7,142.55	281.40	281.29	-86.53	-369.55	-10,079.03	1,055.13	492.99	562.13	1.877		
16,500.00	7,207.17	16,465.32	7,142.40	284.36	284.24	-86.49	-370.01	-10,179.02	1,056.36	488.35	568.01	1.860		
16,600.00	7,207.81	16,565.31	7,142.24	287.32	287.20	-86.45	-370.46	-10,279.01	1,057.60	483.71	573.89	1.843		
16,700.00	7,208.45	16,665.30	7,142.09	290.28	290.15	-86.41	-370.92	-10,379.00	1,058.83	479.06	579.77	1.826		
16,800.00	7,209.09	16,765.29	7,141.94	293.24	293.11	-86.37	-371.38	-10,478.99	1,060.07	474.42	585.64	1.810		
16,900.00	7,209.73	16,865.28	7,141.79	296.20	296.06	-86.33	-371.84	-10,578.98	1,061.30	469.78	591.52	1.794		
17,000.00	7,210.38	16,965.27	7,141.63	299.15	299.02	-86.29	-372.29	-10,678.97	1,062.54	465.14	597.40	1.779		
17,100.00	7,211.02	17,065.26	7,141.48	302.11	301.97	-86.26	-372.75	-10,778.95	1,063.77	460.50	603.27	1.763		
17,200.00	7,211.66	17,165.25	7,141.33	305.07	304.93	-86.22	-373.21	-10,878.94	1,065.01	455.86	609.15	1.748		
17,300.00	7,212.30	17,265.24	7,141.17	308.03	307.88	-86.18	-373.67	-10,978.93	1,066.25	451.22	615.02	1.734		
17,400.00	7,212.94	17,365.23	7,141.02	310.99	310.84	-86.14	-374.12	-11,078.92	1,067.49	446.59	620.90	1.719		
17,409.36	7,213.00	17,374.59	7,141.01	311.26	311.12	-86.14	-374.17	-11,088.28	1,067.60	446.16	621.44	1.718 SF		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
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	0.00	0.00	3.28	3.28	-179.40	-79.79	-0.84	79.79	72.26	7.53	10.600		
100.00	100.00	100.00	100.00	3.28	3.28	-179.40	-79.79	-0.84	79.79	72.22	7.57	10.542	CC	
200.00	200.00	200.00	200.00	3.30	3.30	-179.40	-79.79	-0.84	79.79	72.22	7.57	10.542	ES	
300.00	300.00	299.93	299.93	3.35	3.34	-137.59	-79.80	-1.27	80.13	72.48	7.65	10.470		
400.00	399.93	399.74	399.67	3.41	3.40	-136.78	-79.92	-4.75	82.88	75.10	7.78	10.656		
500.00	499.68	499.34	499.03	3.50	3.49	-135.30	-80.16	-11.67	88.42	80.46	7.95	11.120		
600.00	599.13	601.20	597.98	3.62	3.60	-133.61	-80.51	-21.66	96.75	88.57	8.18	11.829		
700.00	698.15	701.79	696.84	3.76	3.74	-133.24	-80.88	-32.13	107.57	99.11	8.46	12.718		
800.00	796.92	802.52	795.56	3.93	3.90	-133.69	-81.24	-42.59	119.58	110.80	8.78	13.616		
900.00	895.69	903.25	894.28	4.12	4.08	-134.06	-81.61	-53.04	131.60	122.46	9.14	14.392		
1,000.00	994.46	1,003.97	992.99	4.34	4.27	-134.36	-81.97	-63.50	143.63	134.08	9.54	15.053		
1,100.00	1,093.23	1,104.70	1,091.71	4.58	4.48	-134.62	-82.34	-73.96	155.65	145.68	9.97	15.614		
1,200.00	1,192.00	1,205.43	1,190.43	4.83	4.71	-134.84	-82.70	-84.41	167.68	157.26	10.42	16.087		
1,300.00	1,290.76	1,306.16	1,289.15	5.09	4.94	-135.03	-83.07	-94.87	179.71	168.81	10.90	16.486		
1,400.00	1,389.53	1,406.89	1,387.87	5.37	5.19	-135.19	-83.43	-105.33	191.75	180.35	11.40	16.823		
1,500.00	1,488.30	1,507.61	1,486.59	5.66	5.44	-135.34	-83.80	-115.78	203.78	191.87	11.91	17.108		
1,600.00	1,587.07	1,608.34	1,585.31	5.95	5.70	-135.47	-84.16	-126.24	215.82	203.38	12.44	17.348		
1,700.00	1,685.84	1,709.07	1,684.03	6.25	5.95	-135.59	-84.53	-136.69	227.86	214.89	12.97	17.567		
1,800.00	1,784.61	1,809.80	1,782.75	6.42	6.08	-135.69	-84.89	-147.15	239.89	227.02	12.87	18.638		
1,900.00	1,883.38	1,889.47	1,881.46	6.46	6.11	-135.79	-85.26	-157.61	251.93	239.01	12.92	19.499		
2,000.00	1,982.15	1,988.75	1,980.18	6.52	6.15	-135.88	-85.63	-168.06	263.97	250.96	13.01	20.294		
2,100.00	2,080.92	2,088.02	2,078.90	6.59	6.20	-135.95	-85.99	-178.52	276.01	262.88	13.13	21.024		
2,200.00	2,179.68	2,187.29	2,177.62	6.69	6.28	-136.03	-86.36	-188.98	288.05	274.77	13.28	21.689		
2,300.00	2,278.45	2,286.56	2,276.34	6.81	6.36	-136.09	-86.72	-199.43	300.09	286.63	13.47	22.285		
2,400.00	2,377.22	2,385.83	2,375.06	6.94	6.47	-136.15	-87.09	-209.89	312.13	298.45	13.68	22.816		
2,500.00	2,475.99	2,485.10	2,473.78	7.08	6.58	-136.21	-87.45	-220.35	324.17	310.25	13.92	23.282		
2,600.00	2,574.76	2,584.38	2,572.50	7.25	6.71	-136.26	-87.82	-230.80	336.22	322.02	14.19	23.687		
2,700.00	2,673.53	2,683.65	2,671.22	7.42	6.86	-136.31	-88.18	-241.26	348.26	333.77	14.49	24.035		
2,800.00	2,772.30	2,782.92	2,769.94	7.61	7.01	-136.36	-88.55	-251.72	360.30	345.49	14.81	24.329		
2,900.00	2,871.07	2,882.19	2,868.65	7.82	7.17	-136.40	-88.91	-262.17	372.34	357.19	15.15	24.574		
3,000.00	2,969.83	2,981.46	2,967.37	8.03	7.35	-136.44	-89.28	-272.63	384.38	368.87	15.51	24.776		
3,100.00	3,068.60	3,080.74	3,066.09	8.25	7.53	-136.48	-89.64	-283.09	396.43	380.53	15.90	24.938		
3,200.00	3,167.37	3,180.01	3,164.81	8.48	7.73	-136.52	-90.01	-293.54	408.47	392.17	16.30	25.064		
3,300.00	3,266.14	3,279.28	3,263.53	8.73	7.93	-136.55	-90.37	-304.00	420.51	403.80	16.71	25.160		
3,400.00	3,364.91	3,378.55	3,362.25	8.98	8.14	-136.58	-90.74	-314.46	432.56	415.41	17.15	25.229		
3,500.00	3,463.68	3,477.82	3,460.97	9.23	8.35	-136.61	-91.10	-324.91	444.60	427.01	17.59	25.273		
3,600.00	3,562.45	3,577.10	3,559.69	9.50	8.57	-136.64	-91.47	-335.37	456.64	438.59	18.05	25.298		
3,700.00	3,661.22	3,676.37	3,658.41	9.77	8.80	-136.67	-91.83	-345.83	468.69	450.16	18.52	25.304		
3,800.00	3,759.99	3,775.64	3,757.13	10.04	9.04	-136.69	-92.20	-356.28	480.73	461.72	19.00	25.296		
3,900.00	3,858.75	3,874.91	3,855.84	10.32	9.27	-136.72	-92.56	-366.74	492.77	473.28	19.50	25.274		
4,000.00	3,957.52	3,974.18	3,954.56	10.61	9.52	-136.74	-92.93	-377.19	504.82	484.82	20.00	25.242		
4,100.00	4,056.29	4,073.46	4,053.28	10.90	9.77	-136.76	-93.29	-387.65	516.86	496.35	20.51	25.200		
4,200.00	4,155.06	4,172.73	4,152.00	11.19	10.02	-136.78	-93.66	-398.11	528.90	507.87	21.03	25.150		
4,300.00	4,253.83	4,272.00	4,250.72	11.49	10.27	-136.80	-94.02	-408.56	540.95	519.39	21.56	25.095		
4,400.00	4,352.60	4,371.27	4,349.44	11.79	10.53	-136.82	-94.39	-419.02	552.99	530.90	22.09	25.034		
4,500.00	4,451.37	4,470.54	4,448.16	12.10	10.79	-136.84	-94.75	-429.48	565.04	542.41	22.63	24.968		
4,600.00	4,550.14	4,569.81	4,546.88	12.41	11.06	-136.86	-95.12	-439.93	577.08	553.90	23.18	24.900		
4,700.00	4,648.91	4,669.09	4,645.60	12.72	11.33	-136.87	-95.48	-450.39	589.12	565.40	23.73	24.828		
4,800.00	4,747.67	4,768.36	4,744.32	13.03	11.60	-136.89	-95.85	-460.85	601.17	576.88	24.29	24.755		
4,900.00	4,846.44	4,867.63	4,843.03	13.35	11.87	-136.91	-96.21	-471.30	613.21	588.37	24.85	24.680		
5,000.00	4,945.21	4,966.90	4,941.75	13.66	12.15	-136.92	-96.58	-481.76	625.26	599.84	25.41	24.604		
5,100.00	5,043.98	5,066.17	5,040.47	13.98	12.42	-136.94	-96.94	-492.22	637.30	611.32	25.98	24.527		
5,200.00	5,142.75	5,165.45	5,139.19	14.31	12.70	-136.95	-97.31	-502.67	649.35	622.79	26.56	24.450		
5,300.00	5,241.52	5,264.72	5,237.91	14.63	12.98	-136.96	-97.68	-513.13	661.39	634.25	27.14	24.373		
5,400.00	5,340.29	5,363.99	5,336.63	14.96	13.27	-136.98	-98.04	-523.59	673.43	645.72	27.72	24.296		
5,500.00	5,439.06	5,463.26	5,435.35	15.28	13.55	-136.99	-98.41	-534.04	685.48	657.18	28.30	24.219		
5,600.00	5,537.82	5,562.53	5,534.07	15.61	13.84	-137.00	-98.77	-544.50	697.52	668.63	28.89	24.143		
5,700.00	5,636.59	5,661.81	5,632.79	15.94	14.12	-137.01	-99.14	-554.96	709.57	680.09	29.48	24.068		
5,800.00	5,735.36	5,761.08	5,731.51	16.27	14.41	-137.02	-99.50	-565.41	721.61	691.54	30.08	23.994		
5,900.00	5,834.13	5,860.35	5,830.22	16.61	14.70	-137.03	-99.87	-575.87	733.66	702.99	30.67	23.920		
6,000.00	5,932.90	5,959.62	5,928.94	16.94	14.99	-137.04	-100.23	-586.33	745.70	714.43	31.27	23.847		
6,100.00	6,031.67	6,058.89	6,027.66	17.27	15.28	-137.05	-100.60	-596.78	757.75	725.88	31.87	23.776		
6,200.00	6,130.44	6,158.17	6,126.38	17.61	15.58	-137.06	-100.96	-607.24	769.79	737.32	32.47	23.706		
6,300.00	6,229.21	6,257.44	6,225.10	17.95	15.87	-137.07	-101.33	-617.69	781.84	748.76	33.08	23.636		
6,400.00	6,327.98	6,356.71	6,323.82	18.28	16.17	-137.08	-101.69	-628.15	793.88	760.20	33.68	23.568		

Offset Design													Offset Site Error:	0.00 usft	
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1													Offset Well Error:		3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1															
Reference		Offset		Semi Major Axis			Distance			Minimum Separation		Separation Factor	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	Warning		
6,500.00	6,426.74	6,455.23	6,421.72	18.62	16.47	-137.05	-102.06	-639.16	805.94	771.64	34.30	23.498			
6,600.00	6,525.51	6,550.44	6,514.43	18.96	16.84	-136.25	-102.47	-660.39	818.32	783.31	35.01	23.373			
6,700.00	6,624.10	6,640.77	6,598.55	19.31	17.32	-119.88	-102.92	-693.09	831.54	795.69	35.85	23.197			
6,800.00	6,720.27	6,727.69	6,674.36	19.72	17.89	-102.13	-103.39	-735.50	844.98	808.14	36.84	22.938			
6,900.00	6,811.45	6,812.28	6,741.91	20.26	18.58	-93.60	-103.90	-786.29	857.97	819.93	38.03	22.559			
7,000.00	6,895.40	6,894.96	6,800.88	20.92	19.40	-88.31	-104.41	-844.17	870.01	830.53	39.48	22.039			
7,100.00	6,970.06	6,976.11	6,850.98	21.76	20.39	-84.63	-104.94	-907.93	880.66	839.43	41.23	21.361			
7,200.00	7,033.59	7,056.05	6,892.02	22.80	21.53	-81.98	-105.46	-976.46	889.54	846.22	43.32	20.535			
7,300.00	7,084.42	7,135.05	6,923.83	24.07	22.83	-80.09	-105.98	-1,048.72	896.34	850.54	45.80	19.572			
7,400.00	7,121.31	7,213.36	6,946.29	25.61	24.27	-78.85	-106.48	-1,123.69	900.81	852.16	48.64	18.519			
7,500.00	7,143.34	7,291.20	6,959.33	27.37	25.83	-78.17	-106.96	-1,200.38	902.78	850.97	51.81	17.424			
7,600.00	7,150.07	7,371.23	6,962.98	29.30	27.52	-78.02	-107.44	-1,280.28	902.20	846.91	55.29	16.316			
7,700.00	7,150.71	7,471.21	6,962.85	31.37	29.75	-77.95	-108.01	-1,380.26	900.63	841.05	59.57	15.118			
7,800.00	7,151.35	7,571.19	6,962.72	33.58	32.09	-77.88	-108.59	-1,480.23	899.05	834.97	64.08	14.030			
7,900.00	7,151.99	7,671.17	6,962.59	35.90	34.53	-77.81	-109.17	-1,580.21	897.47	828.70	68.78	13.049			
8,000.00	7,152.64	7,771.15	6,962.45	38.31	37.05	-77.74	-109.75	-1,680.19	895.90	822.28	73.62	12.168			
8,100.00	7,153.28	7,871.14	6,962.32	40.80	39.62	-77.66	-110.33	-1,780.17	894.33	815.73	78.60	11.379			
8,200.00	7,153.92	7,971.12	6,962.19	43.34	42.25	-77.59	-110.90	-1,880.15	892.76	809.09	83.67	10.670			
8,300.00	7,154.56	8,071.10	6,962.06	45.94	44.92	-77.52	-111.48	-1,980.13	891.19	802.36	88.83	10.033			
8,400.00	7,155.20	8,171.08	6,961.93	48.58	47.62	-77.44	-112.06	-2,080.11	889.62	795.57	94.05	9.459			
8,500.00	7,155.84	8,271.06	6,961.79	51.25	50.36	-77.37	-112.64	-2,180.09	888.06	788.73	99.33	8.940			
8,600.00	7,156.48	8,371.04	6,961.66	53.95	53.11	-77.30	-113.22	-2,280.07	886.49	781.83	104.66	8.470			
8,700.00	7,157.12	8,471.02	6,961.53	56.68	55.89	-77.22	-113.79	-2,380.05	884.93	774.90	110.03	8.043			
8,800.00	7,157.77	8,571.00	6,961.40	59.43	58.69	-77.15	-114.37	-2,480.03	883.37	767.94	115.43	7.653			
8,900.00	7,158.41	8,670.99	6,961.26	62.20	61.50	-77.07	-114.95	-2,580.01	881.81	760.95	120.86	7.296			
9,000.00	7,159.05	8,770.97	6,961.13	64.99	64.32	-77.00	-115.53	-2,679.99	880.25	753.93	126.32	6.969			
9,100.00	7,159.69	8,870.95	6,961.00	67.79	67.16	-76.92	-116.10	-2,779.97	878.69	746.90	131.79	6.667			
9,200.00	7,160.33	8,970.93	6,960.87	70.61	70.01	-76.85	-116.68	-2,879.95	877.13	739.85	137.29	6.389			
9,300.00	7,160.97	9,070.91	6,960.73	73.43	72.86	-76.77	-117.26	-2,979.93	875.58	732.78	142.80	6.132			
9,400.00	7,161.61	9,170.89	6,960.60	76.27	75.73	-76.70	-117.84	-3,079.91	874.03	725.71	148.32	5.893			
9,500.00	7,162.26	9,270.87	6,960.47	79.11	78.60	-76.62	-118.42	-3,179.89	872.48	718.62	153.85	5.671			
9,600.00	7,162.90	9,370.85	6,960.34	81.97	81.48	-76.54	-118.99	-3,279.86	870.93	711.53	159.40	5.464			
9,700.00	7,163.54	9,470.83	6,960.21	84.82	84.36	-76.47	-119.57	-3,379.84	869.38	704.43	164.95	5.271			
9,800.00	7,164.18	9,570.82	6,960.07	87.69	87.25	-76.39	-120.15	-3,479.82	867.83	697.32	170.51	5.090			
9,900.00	7,164.82	9,670.80	6,959.94	90.56	90.14	-76.31	-120.73	-3,579.80	866.29	690.21	176.08	4.920			
10,000.00	7,165.46	9,770.78	6,959.81	93.44	93.04	-76.23	-121.31	-3,679.78	864.75	683.10	181.65	4.761			
10,100.00	7,166.10	9,870.76	6,959.68	96.32	95.94	-76.16	-121.88	-3,779.76	863.20	675.98	187.22	4.611			
10,200.00	7,166.74	9,970.74	6,959.54	99.21	98.85	-76.08	-122.46	-3,879.74	861.66	668.86	192.80	4.469			
10,300.00	7,167.39	10,070.72	6,959.41	102.10	101.76	-76.00	-123.04	-3,979.72	860.13	661.74	198.38	4.336			
10,400.00	7,168.03	10,170.70	6,959.28	104.99	104.67	-75.92	-123.62	-4,079.70	858.59	654.62	203.96	4.209			
10,500.00	7,168.67	10,270.68	6,959.15	107.89	107.58	-75.84	-124.20	-4,179.68	857.05	647.50	209.55	4.090			
10,600.00	7,169.31	10,370.67	6,959.02	110.79	110.50	-75.76	-124.77	-4,279.66	855.52	640.38	215.13	3.977			
10,700.00	7,169.95	10,470.65	6,958.88	113.69	113.42	-75.68	-125.35	-4,379.64	853.99	633.27	220.72	3.869			
10,800.00	7,170.59	10,570.63	6,958.75	116.60	116.34	-75.60	-125.93	-4,479.62	852.46	626.15	226.31	3.767			
10,900.00	7,171.23	10,670.61	6,958.62	119.51	119.26	-75.52	-126.51	-4,579.60	850.93	619.04	231.89	3.669			
11,000.00	7,171.88	10,770.59	6,958.49	122.42	122.19	-75.44	-127.08	-4,679.58	849.40	611.92	237.48	3.577			
11,100.00	7,172.52	10,870.57	6,958.35	125.33	125.11	-75.36	-127.66	-4,779.56	847.88	604.81	243.06	3.488			
11,200.00	7,173.16	10,970.55	6,958.22	128.25	128.04	-75.28	-128.24	-4,879.54	846.35	597.71	248.65	3.404			
11,300.00	7,173.80	11,070.53	6,958.09	131.16	130.97	-75.20	-128.82	-4,979.52	844.83	590.60	254.23	3.323			
11,400.00	7,174.44	11,170.52	6,957.96	134.08	133.90	-75.12	-129.40	-5,079.49	843.31	583.50	259.81	3.246			
11,500.00	7,175.08	11,270.50	6,957.82	137.00	136.83	-75.04	-129.97	-5,179.47	841.79	576.41	265.39	3.172			
11,600.00	7,175.72	11,370.48	6,957.69	139.92	139.77	-74.95	-130.55	-5,279.45	840.28	569.32	270.96	3.101			
11,700.00	7,176.36	11,470.46	6,957.56	142.84	142.70	-74.87	-131.13	-5,379.43	838.76	562.23	276.53	3.033			
11,800.00	7,177.01	11,570.44	6,957.43	145.77	145.64	-74.79	-131.71	-5,479.41	837.25	555.15	282.10	2.968			
11,900.00	7,177.65	11,670.42	6,957.30	148.69	148.57	-74.70	-132.29	-5,579.39	835.74	548.07	287.67	2.905			
12,000.00	7,178.29	11,770.40	6,957.16	151.62	151.51	-74.62	-132.86	-5,679.37	834.23	540.99	293.24	2.845			
12,100.00	7,178.93	11,870.38	6,957.03	154.55	154.45	-74.54	-133.44	-5,779.35	832.72	533.92	298.80	2.787			
12,200.00	7,179.57	11,970.37	6,956.90	157.48	157.39	-74.45	-134.02	-5,879.33	831.21	526.86	304.35	2.731			
12,300.00	7,180.21	12,070.35	6,956.77	160.41	160.33	-74.37	-134.60	-5,979.31	829.71	519.80	309.91	2.677			
12,400.00	7,180.85	12,170.33	6,956.63	163.34	163.27	-74.28	-135.18	-6,079.29	828.21	512.75	315.46	2.625			
12,500.00	7,181.50	12,270.31	6,956.50	166.27	166.21	-74.20	-135.75	-6,179.27	826.71	505.70	321.01	2.575			
12,600.00	7,182.14	12,370.29	6,956.37	169.20	169.15	-74.11	-136.33	-6,279.25	825.21	498.66	326.55	2.527			
12,650.46	7,182.46	12,420.75	6,956.30	170.68	170.64	-74.09	-136.62	-6,329.70	824.83	495.47	329.36	2.504			
12,700.00	7,182.78	12,470.28	6,956.24	172.14	172.10	-74.07	-136.91	-6,379.24	825.26	493.12	332.14	2.485			
12,800.00	7,183.42	12,570.27	6,956.10	175.09	175.04	-74.04	-137.49	-6,479.23	826.73	488.95	337.78	2.448			
12,900.00	7,184.06	12,670.26	6,955.97	178.03	177.98	-74.02	-138.06	-6,579.21	828.20	484.78	343.41	2.412			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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)
13,000.00	7,184.70	12,770.25	6,955.84	180.98	180.93	-73.99	-138.64	-6,679.20	829.67	480.62	349.05	2.377
13,100.00	7,185.35	12,870.24	6,955.71	183.93	183.87	-73.96	-139.22	-6,779.19	831.14	476.45	354.69	2.343
13,200.00	7,185.99	12,970.22	6,955.58	186.88	186.82	-73.94	-139.80	-6,879.17	832.61	472.28	360.32	2.311
13,300.00	7,186.63	13,070.21	6,955.44	189.82	189.77	-73.91	-140.38	-6,979.16	834.08	468.12	365.96	2.279
13,400.00	7,187.27	13,170.20	6,955.31	192.77	192.71	-73.89	-140.95	-7,079.15	835.55	463.95	371.60	2.249
13,500.00	7,187.91	13,270.19	6,955.18	195.72	195.66	-73.86	-141.53	-7,179.13	837.02	459.79	377.23	2.219
13,600.00	7,188.55	13,370.18	6,955.05	198.67	198.61	-73.83	-142.11	-7,279.12	838.49	455.63	382.87	2.190
13,700.00	7,189.20	13,470.17	6,954.91	201.62	201.56	-73.81	-142.69	-7,379.11	839.96	451.46	388.50	2.162
13,800.00	7,189.84	13,570.16	6,954.78	204.57	204.50	-73.78	-143.27	-7,479.09	841.44	447.30	394.14	2.135
13,900.00	7,190.48	13,670.14	6,954.65	207.53	207.45	-73.76	-143.84	-7,579.08	842.91	443.14	399.77	2.108
14,000.00	7,191.12	13,770.13	6,954.52	210.48	210.40	-73.73	-144.42	-7,679.07	844.38	438.98	405.40	2.083
14,100.00	7,191.76	13,870.12	6,954.39	213.43	213.35	-73.71	-145.00	-7,779.05	845.85	434.82	411.04	2.058
14,200.00	7,192.40	13,970.11	6,954.25	216.38	216.30	-73.68	-145.58	-7,879.04	847.32	430.66	416.67	2.034
14,300.00	7,193.05	14,070.10	6,954.12	219.33	219.25	-73.65	-146.16	-7,979.03	848.80	426.50	422.30	2.010
14,400.00	7,193.69	14,170.09	6,953.99	222.29	222.20	-73.63	-146.73	-8,079.01	850.27	422.34	427.93	1.987
14,500.00	7,194.33	14,270.07	6,953.86	225.24	225.15	-73.60	-147.31	-8,179.00	851.74	418.18	433.56	1.965
14,600.00	7,194.97	14,370.06	6,953.72	228.20	228.10	-73.58	-147.89	-8,278.99	853.22	414.02	439.19	1.943
14,700.00	7,195.61	14,470.05	6,953.59	231.15	231.06	-73.55	-148.47	-8,378.97	854.69	409.87	444.82	1.921
14,800.00	7,196.26	14,570.04	6,953.46	234.10	234.01	-73.53	-149.05	-8,478.96	856.16	405.71	450.45	1.901
14,900.00	7,196.90	14,670.03	6,953.33	237.06	236.96	-73.50	-149.62	-8,578.95	857.64	401.56	456.08	1.880
15,000.00	7,197.54	14,770.02	6,953.19	240.01	239.91	-73.48	-150.20	-8,678.93	859.11	397.41	461.70	1.861
15,100.00	7,198.18	14,870.01	6,953.06	242.97	242.86	-73.45	-150.78	-8,778.92	860.58	393.25	467.33	1.841
15,200.00	7,198.82	14,969.99	6,952.93	245.92	245.82	-73.43	-151.36	-8,878.91	862.06	389.10	472.96	1.823
15,300.00	7,199.46	15,069.98	6,952.80	248.88	248.77	-73.41	-151.94	-8,978.89	863.53	384.95	478.58	1.804
15,400.00	7,200.11	15,169.97	6,952.67	251.84	251.72	-73.38	-152.51	-9,078.88	865.01	380.80	484.20	1.786
15,500.00	7,200.75	15,269.96	6,952.53	254.79	254.67	-73.36	-153.09	-9,178.87	866.48	376.65	489.83	1.769
15,600.00	7,201.39	15,369.95	6,952.40	257.75	257.63	-73.33	-153.67	-9,278.85	867.96	372.51	495.45	1.752
15,700.00	7,202.03	15,469.94	6,952.27	260.70	260.58	-73.31	-154.25	-9,378.84	869.43	368.36	501.07	1.735
15,800.00	7,202.67	15,569.92	6,952.14	263.66	263.53	-73.28	-154.82	-9,478.83	870.91	364.21	506.69	1.719
15,900.00	7,203.32	15,669.91	6,952.00	266.62	266.49	-73.26	-155.40	-9,578.81	872.38	360.07	512.31	1.703
16,000.00	7,203.96	15,769.90	6,951.87	269.57	269.44	-73.24	-155.98	-9,678.80	873.86	355.93	517.93	1.687
16,100.00	7,204.60	15,869.89	6,951.74	272.53	272.40	-73.21	-156.56	-9,778.79	875.33	351.78	523.55	1.672
16,200.00	7,205.24	15,969.88	6,951.61	275.49	275.35	-73.19	-157.14	-9,878.77	876.81	347.64	529.17	1.657
16,300.00	7,205.88	16,069.87	6,951.47	278.45	278.30	-73.17	-157.71	-9,978.76	878.28	343.50	534.78	1.642
16,400.00	7,206.52	16,169.85	6,951.34	281.40	281.26	-73.14	-158.29	-10,078.75	879.76	339.36	540.40	1.628
16,500.00	7,207.17	16,269.84	6,951.21	284.36	284.21	-73.12	-158.87	-10,178.73	881.23	335.22	546.01	1.614
16,600.00	7,207.81	16,369.83	6,951.08	287.32	287.17	-73.09	-159.45	-10,278.72	882.71	331.08	551.63	1.600
16,700.00	7,208.45	16,469.82	6,950.95	290.28	290.12	-73.07	-160.03	-10,378.71	884.19	326.95	557.24	1.587
16,800.00	7,209.09	16,569.81	6,950.81	293.24	293.08	-73.05	-160.60	-10,478.69	885.66	322.81	562.85	1.574
16,900.00	7,209.73	16,669.80	6,950.68	296.20	296.03	-73.03	-161.18	-10,578.68	887.14	318.68	568.46	1.561
17,000.00	7,210.38	16,769.79	6,950.55	299.15	298.99	-73.00	-161.76	-10,678.67	888.62	314.54	574.07	1.548
17,100.00	7,211.02	16,869.77	6,950.42	302.11	301.94	-72.98	-162.34	-10,778.65	890.09	310.41	579.68	1.535
17,200.00	7,211.66	16,969.76	6,950.28	305.07	304.90	-72.96	-162.92	-10,878.64	891.57	306.28	585.29	1.523
17,300.00	7,212.30	17,069.75	6,950.15	308.03	307.85	-72.93	-163.49	-10,978.63	893.05	302.15	590.90	1.511
17,400.00	7,212.94	17,169.74	6,950.02	310.99	310.81	-72.91	-164.07	-11,078.61	894.53	298.02	596.50	1.500 Level 3
17,409.36	7,213.00	17,179.10	6,950.01	311.26	311.09	-72.91	-164.13	-11,087.97	894.66	297.65	597.01	1.499 Level 3, SF

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-59.75	-0.56	59.76					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-59.75	-0.56	59.76	52.23	7.53	7.939		
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-59.75	-0.56	59.76	52.19	7.57	7.895	CC	
200.02	200.02	200.02	200.02	3.30	3.30	-179.47	-59.75	-0.56	59.76	52.19	7.57	7.895	ES	
300.00	300.00	300.24	300.24	3.35	3.34	-137.63	-59.65	-0.98	59.98	52.32	7.65	7.836		
400.00	399.93	400.68	400.62	3.41	3.41	-136.62	-58.81	-4.40	61.77	53.99	7.78	7.940		
500.00	499.68	501.03	500.71	3.50	3.50	-134.76	-57.13	-11.23	65.40	57.45	7.95	8.223		
600.00	599.13	601.07	600.22	3.62	3.61	-132.59	-54.71	-21.10	70.99	62.81	8.18	8.679		
700.00	698.15	700.75	699.33	3.76	3.74	-132.22	-52.16	-31.47	78.91	70.45	8.46	9.329		
800.00	796.92	800.33	798.34	3.93	3.90	-132.86	-49.61	-41.83	88.00	79.22	8.78	10.021		
900.00	895.69	900.09	897.35	4.12	4.08	-133.38	-47.07	-52.19	97.10	87.96	9.14	10.620		
1,000.00	994.46	1,000.51	996.36	4.34	4.27	-133.81	-44.53	-62.55	106.21	96.67	9.54	11.131		
1,100.00	1,093.23	1,100.93	1,095.37	4.58	4.48	-134.17	-41.98	-72.91	115.32	105.35	9.97	11.566		
1,200.00	1,192.00	1,201.35	1,194.37	4.83	4.70	-134.48	-39.44	-83.27	124.44	114.01	10.43	11.936		
1,300.00	1,290.76	1,301.76	1,293.38	5.09	4.94	-134.75	-36.89	-93.63	133.55	122.65	10.90	12.249		
1,400.00	1,389.53	1,402.18	1,392.39	5.37	5.18	-134.98	-34.35	-103.99	142.68	131.28	11.40	12.515		
1,500.00	1,488.30	1,502.60	1,491.40	5.66	5.43	-135.19	-31.80	-114.35	151.80	139.89	11.91	12.741		
1,600.00	1,587.07	1,603.02	1,590.41	5.95	5.69	-135.37	-29.26	-124.72	160.92	148.48	12.44	12.933		
1,700.00	1,685.84	1,703.44	1,689.42	6.25	5.95	-135.53	-26.71	-135.08	170.05	157.07	12.98	13.101		
1,800.00	1,784.61	1,803.86	1,788.42	6.42	6.08	-135.68	-24.17	-145.44	179.18	166.29	12.89	13.904		
1,900.00	1,883.38	1,904.28	1,887.43	6.46	6.11	-135.81	-21.62	-155.80	188.31	175.37	12.94	14.551		
2,000.00	1,982.15	2,004.69	1,986.44	6.52	6.16	-135.93	-19.08	-166.16	197.44	184.41	13.03	15.152		
2,100.00	2,080.92	2,105.11	2,085.45	6.59	6.22	-136.04	-16.53	-176.52	206.57	193.42	13.15	15.705		
2,200.00	2,179.68	2,205.53	2,184.46	6.69	6.29	-136.14	-13.99	-186.88	215.70	202.39	13.31	16.207		
2,300.00	2,278.45	2,305.95	2,283.47	6.81	6.38	-136.23	-11.44	-197.24	224.83	211.33	13.50	16.658		
2,400.00	2,377.22	2,406.37	2,382.47	6.94	6.49	-136.32	-8.90	-207.60	233.96	220.25	13.71	17.059		
2,500.00	2,475.99	2,506.79	2,481.48	7.08	6.61	-136.39	-6.35	-217.96	243.10	229.13	13.96	17.412		
2,600.00	2,574.76	2,607.20	2,580.49	7.25	6.74	-136.47	-3.81	-228.32	252.23	237.99	14.24	17.719		
2,700.00	2,673.53	2,707.62	2,679.50	7.42	6.89	-136.53	-1.26	-238.68	261.36	246.83	14.53	17.982		
2,800.00	2,772.30	2,808.04	2,778.51	7.61	7.05	-136.60	1.28	-249.04	270.50	255.64	14.86	18.205		
2,900.00	2,871.07	2,908.46	2,877.52	7.82	7.22	-136.65	3.82	-259.40	279.63	264.43	15.20	18.391		
3,000.00	2,969.83	3,008.88	2,976.53	8.03	7.40	-136.71	6.37	-269.76	288.77	273.19	15.57	18.545		
3,100.00	3,068.60	3,109.30	3,075.53	8.25	7.58	-136.76	8.91	-280.12	297.90	281.94	15.96	18.668		
3,200.00	3,167.37	3,209.72	3,174.54	8.48	7.78	-136.81	11.46	-290.48	307.04	290.67	16.36	18.765		
3,300.00	3,266.14	3,289.87	3,273.55	8.73	7.94	-136.86	14.00	-300.84	316.17	299.43	16.74	18.887		
3,400.00	3,364.91	3,389.45	3,372.56	8.98	8.15	-136.90	16.55	-311.20	325.31	308.13	17.17	18.943		
3,500.00	3,463.68	3,489.03	3,471.57	9.23	8.37	-136.94	19.09	-321.56	334.44	316.82	17.62	18.981		
3,600.00	3,562.45	3,588.61	3,570.58	9.50	8.59	-136.98	21.64	-331.92	343.58	325.50	18.08	19.003		
3,700.00	3,661.22	3,688.19	3,669.58	9.77	8.82	-137.02	24.18	-342.28	352.71	334.16	18.55	19.012		
3,800.00	3,759.99	3,787.77	3,768.59	10.04	9.05	-137.05	26.73	-352.64	361.85	342.81	19.04	19.009		
3,900.00	3,858.75	3,887.36	3,867.60	10.32	9.29	-137.08	29.27	-363.00	370.98	351.46	19.53	18.997		
4,000.00	3,957.52	3,986.94	3,966.61	10.61	9.54	-137.11	31.82	-373.36	380.12	360.09	20.03	18.976		
4,100.00	4,056.29	4,086.52	4,065.62	10.90	9.78	-137.14	34.36	-383.73	389.26	368.71	20.54	18.948		
4,200.00	4,155.06	4,186.10	4,164.63	11.19	10.04	-137.17	36.91	-394.09	398.39	377.33	21.06	18.914		
4,300.00	4,253.83	4,285.68	4,263.64	11.49	10.29	-137.20	39.45	-404.45	407.53	385.94	21.59	18.875		
4,400.00	4,352.60	4,385.26	4,362.64	11.79	10.55	-137.23	42.00	-414.81	416.67	394.54	22.13	18.832		
4,500.00	4,451.37	4,484.85	4,461.65	12.10	10.81	-137.25	44.54	-425.17	425.80	403.14	22.67	18.786		
4,600.00	4,550.14	4,584.43	4,560.66	12.41	11.08	-137.28	47.09	-435.53	434.94	411.73	23.21	18.737		
4,700.00	4,648.91	4,684.01	4,659.67	12.72	11.35	-137.30	49.63	-445.89	444.08	420.31	23.77	18.686		
4,800.00	4,747.67	4,783.59	4,758.68	13.03	11.62	-137.32	52.18	-456.25	453.21	428.89	24.32	18.633		
4,900.00	4,846.44	4,883.17	4,857.69	13.35	11.89	-137.34	54.72	-466.61	462.35	437.47	24.89	18.579		
5,000.00	4,945.21	4,982.75	4,956.69	13.66	12.17	-137.36	57.26	-476.97	471.49	446.04	25.45	18.525		
5,100.00	5,043.98	5,082.33	5,055.70	13.98	12.44	-137.38	59.81	-487.33	480.62	454.60	26.02	18.469		
5,200.00	5,142.75	5,181.92	5,154.71	14.31	12.72	-137.40	62.35	-497.69	489.76	463.16	26.60	18.413		
5,300.00	5,241.52	5,281.50	5,253.72	14.63	13.00	-137.42	64.90	-508.05	498.90	471.72	27.18	18.358		
5,400.00	5,340.29	5,381.08	5,352.73	14.96	13.29	-137.44	67.44	-518.41	508.04	480.28	27.76	18.302		
5,500.00	5,439.06	5,480.66	5,451.74	15.28	13.57	-137.45	69.99	-528.77	517.17	488.83	28.34	18.246		
5,600.00	5,537.82	5,580.24	5,550.75	15.61	13.86	-137.47	72.53	-539.13	526.31	497.38	28.93	18.191		
5,700.00	5,636.59	5,679.82	5,649.75	15.94	14.14	-137.49	75.08	-549.49	535.45	505.92	29.52	18.136		
5,800.00	5,735.36	5,779.41	5,748.76	16.27	14.43	-137.50	77.62	-559.85	544.59	514.47	30.12	18.082		
5,900.00	5,834.13	5,878.99	5,847.77	16.61	14.72	-137.52	80.17	-570.21	553.72	523.01	30.71	18.028		
6,000.00	5,932.90	5,978.57	5,946.78	16.94	15.01	-137.53	82.71	-580.57	562.86	531.55	31.31	17.975		
6,100.00	6,031.67	6,078.15	6,045.79	17.27	15.30	-137.54	85.26	-590.93	572.00	540.08	31.91	17.923		
6,200.00	6,130.44	6,177.73	6,144.80	17.61	15.60	-137.56	87.80	-601.29	581.14	548.62	32.52	17.872		
6,300.00	6,229.21	6,277.31	6,243.80	17.95	15.89	-137.57	90.35	-611.65	590.27	557.15	33.12	17.821		
6,400.00	6,327.98	6,376.90	6,342.81	18.28	16.19	-137.58	92.89	-622.01	599.41	565.68	33.73	17.771		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft
Reference				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)
6,500.00	6,426.74	6,476.48	6,441.82	18.62	16.48	-137.59	95.44	-632.37	608.55	574.21	34.34	17.722
6,600.00	6,525.51	6,574.84	6,539.04	18.96	16.81	-137.22	97.92	-646.67	617.75	582.75	35.00	17.650
6,700.00	6,624.10	6,669.90	6,629.95	19.31	17.24	-121.04	100.18	-674.05	627.42	591.59	35.82	17.514
6,800.00	6,720.27	6,762.12	6,713.31	19.72	17.78	-103.57	102.19	-713.26	637.15	600.33	36.82	17.303
6,900.00	6,811.45	6,852.24	6,788.47	20.26	18.44	-95.30	103.95	-762.81	646.49	608.45	38.04	16.995
7,000.00	6,895.40	6,940.57	6,854.64	20.92	19.25	-90.23	105.43	-821.20	655.09	615.56	39.52	16.575
7,100.00	6,970.06	7,027.42	6,911.22	21.76	20.24	-86.73	106.63	-886.99	662.62	621.30	41.32	16.038
7,200.00	7,033.59	7,113.06	6,957.74	22.80	21.41	-84.23	107.54	-958.81	668.80	625.33	43.47	15.385
7,300.00	7,084.42	7,197.74	6,993.86	24.07	22.75	-82.44	108.16	-1,035.33	673.40	627.38	46.02	14.633
7,400.00	7,121.31	7,281.69	7,019.34	25.61	24.28	-81.26	108.48	-1,115.25	676.24	627.28	48.96	13.811
7,500.00	7,143.34	7,365.14	7,034.04	27.37	25.93	-80.61	108.52	-1,197.34	677.21	624.97	52.24	12.964
7,600.00	7,150.07	7,450.41	7,037.97	29.30	27.73	-80.45	108.26	-1,282.46	676.24	620.42	55.83	12.113
7,700.00	7,150.71	7,550.39	7,037.72	31.37	29.96	-80.35	107.83	-1,382.43	674.50	614.36	60.14	11.216
7,800.00	7,151.35	7,650.36	7,037.46	33.58	32.29	-80.25	107.40	-1,482.41	672.75	608.08	64.67	10.402
7,900.00	7,151.99	7,750.34	7,037.21	35.90	34.73	-80.14	106.96	-1,582.39	671.01	601.61	69.40	9.669
8,000.00	7,152.64	7,850.32	7,036.95	38.31	37.24	-80.04	106.53	-1,682.36	669.27	594.99	74.28	9.010
8,100.00	7,153.28	7,950.30	7,036.70	40.80	39.81	-79.93	106.10	-1,782.34	667.53	588.24	79.28	8.419
8,200.00	7,153.92	8,050.27	7,036.45	43.34	42.43	-79.83	105.67	-1,882.32	665.79	581.40	84.39	7.890
8,300.00	7,154.56	8,150.25	7,036.19	45.94	45.10	-79.72	105.24	-1,982.29	664.06	574.48	89.58	7.413
8,400.00	7,155.20	8,250.23	7,035.94	48.58	47.80	-79.62	104.80	-2,082.27	662.33	567.50	94.83	6.984
8,500.00	7,155.84	8,350.21	7,035.68	51.25	50.53	-79.51	104.37	-2,182.24	660.60	560.46	100.14	6.597
8,600.00	7,156.48	8,450.18	7,035.43	53.95	53.28	-79.40	103.94	-2,282.22	658.87	553.37	105.50	6.245
8,700.00	7,157.12	8,550.16	7,035.17	56.68	56.06	-79.30	103.51	-2,382.20	657.15	546.25	110.90	5.926
8,800.00	7,157.77	8,650.14	7,034.92	59.43	58.85	-79.19	103.08	-2,482.17	655.42	539.09	116.33	5.634
8,900.00	7,158.41	8,750.12	7,034.66	62.20	61.66	-79.08	102.65	-2,582.15	653.70	531.92	121.79	5.368
9,000.00	7,159.05	8,850.09	7,034.41	64.99	64.48	-78.97	102.21	-2,682.13	651.98	524.71	127.27	5.123
9,100.00	7,159.69	8,950.07	7,034.16	67.79	67.32	-78.86	101.78	-2,782.10	650.27	517.50	132.77	4.898
9,200.00	7,160.33	9,050.05	7,033.90	70.61	70.16	-78.75	101.35	-2,882.08	648.56	510.26	138.29	4.690
9,300.00	7,160.97	9,150.03	7,033.65	73.43	73.02	-78.64	100.92	-2,982.05	646.85	503.02	143.83	4.497
9,400.00	7,161.61	9,250.00	7,033.39	76.27	75.88	-78.53	100.49	-3,082.03	645.14	495.76	149.37	4.319
9,500.00	7,162.26	9,349.98	7,033.14	79.11	78.75	-78.42	100.05	-3,182.01	643.43	488.50	154.93	4.153
9,600.00	7,162.90	9,449.96	7,032.88	81.97	81.63	-78.30	99.62	-3,281.98	641.73	481.23	160.49	3.998
9,700.00	7,163.54	9,549.94	7,032.63	84.82	84.51	-78.19	99.19	-3,381.96	640.03	473.96	166.07	3.854
9,800.00	7,164.18	9,649.91	7,032.37	87.69	87.40	-78.08	98.76	-3,481.94	638.33	466.68	171.64	3.719
9,900.00	7,164.82	9,749.89	7,032.12	90.56	90.29	-77.96	98.33	-3,581.91	636.63	459.41	177.23	3.592
10,000.00	7,165.46	9,849.87	7,031.86	93.44	93.19	-77.85	97.90	-3,681.89	634.94	452.13	182.81	3.473
10,100.00	7,166.10	9,949.85	7,031.61	96.32	96.09	-77.73	97.46	-3,781.86	633.25	444.85	188.40	3.361
10,200.00	7,166.74	10,049.82	7,031.36	99.21	98.99	-77.61	97.03	-3,881.84	631.56	437.57	193.99	3.256
10,300.00	7,167.39	10,149.80	7,031.10	102.10	101.90	-77.50	96.60	-3,981.82	629.88	430.30	199.58	3.156
10,400.00	7,168.03	10,249.78	7,030.85	104.99	104.81	-77.38	96.17	-4,081.79	628.19	423.02	205.17	3.062
10,500.00	7,168.67	10,349.76	7,030.59	107.89	107.72	-77.26	95.74	-4,181.77	626.51	415.75	210.76	2.973
10,600.00	7,169.31	10,449.73	7,030.34	110.79	110.64	-77.14	95.30	-4,281.75	624.84	408.48	216.35	2.888
10,700.00	7,169.95	10,549.71	7,030.08	113.69	113.56	-77.02	94.87	-4,381.72	623.16	401.22	221.94	2.808
10,800.00	7,170.59	10,649.69	7,029.83	116.60	116.48	-76.90	94.44	-4,481.70	621.49	393.96	227.53	2.731
10,900.00	7,171.23	10,749.67	7,029.57	119.51	119.40	-76.78	94.01	-4,581.67	619.82	386.71	233.11	2.659
11,000.00	7,171.88	10,849.64	7,029.32	122.42	122.32	-76.66	93.58	-4,681.65	618.15	379.46	238.69	2.590
11,100.00	7,172.52	10,949.62	7,029.07	125.33	125.25	-76.54	93.14	-4,781.63	616.49	372.22	244.27	2.524
11,200.00	7,173.16	11,049.60	7,028.81	128.25	128.18	-76.41	92.71	-4,881.60	614.83	364.99	249.84	2.461
11,300.00	7,173.80	11,149.58	7,028.56	131.16	131.11	-76.29	92.28	-4,981.58	613.17	357.76	255.41	2.401
11,400.00	7,174.44	11,249.55	7,028.30	134.08	134.04	-76.17	91.85	-5,081.56	611.52	350.54	260.98	2.343
11,500.00	7,175.08	11,349.53	7,028.05	137.00	136.97	-76.04	91.42	-5,181.53	609.86	343.32	266.54	2.288
11,600.00	7,175.72	11,449.51	7,027.79	139.92	139.90	-75.91	90.99	-5,281.51	608.22	336.12	272.10	2.235
11,700.00	7,176.36	11,549.49	7,027.54	142.84	142.84	-75.79	90.55	-5,381.48	606.57	328.92	277.65	2.185
11,800.00	7,177.01	11,649.46	7,027.28	145.77	145.77	-75.66	90.12	-5,481.46	604.93	321.73	283.19	2.136
11,900.00	7,177.65	11,749.44	7,027.03	148.69	148.71	-75.53	89.69	-5,581.44	603.29	314.55	288.73	2.089
12,000.00	7,178.29	11,849.42	7,026.78	151.62	151.65	-75.41	89.26	-5,681.41	601.65	307.38	294.27	2.045
12,100.00	7,178.93	11,949.40	7,026.52	154.55	154.59	-75.28	88.83	-5,781.39	600.01	300.22	299.79	2.001
12,200.00	7,179.57	12,049.37	7,026.27	157.48	157.52	-75.15	88.39	-5,881.37	598.38	293.07	305.31	1.960
12,300.00	7,180.21	12,149.35	7,026.01	160.41	160.46	-75.02	87.96	-5,981.34	596.75	285.93	310.83	1.920
12,400.00	7,180.85	12,249.33	7,025.76	163.34	163.41	-74.89	87.53	-6,081.32	595.13	278.80	316.33	1.881
12,500.00	7,181.50	12,349.31	7,025.50	166.27	166.35	-74.75	87.10	-6,181.29	593.51	271.68	321.83	1.844
12,600.00	7,182.14	12,449.28	7,025.25	169.20	169.29	-74.62	86.67	-6,281.27	591.89	264.57	327.32	1.808
12,654.33	7,182.48	12,503.61	7,025.11	170.80	170.89	-74.57	86.43	-6,335.59	591.45	261.13	330.32	1.791
12,700.00	7,182.78	12,549.27	7,024.99	172.14	172.23	-74.54	86.24	-6,381.26	591.82	258.95	332.87	1.778
12,800.00	7,183.42	12,649.26	7,024.74	175.09	175.18	-74.49	85.80	-6,481.25	593.18	254.70	338.48	1.752
12,900.00	7,184.06	12,749.25	7,024.48	178.03	178.12	-74.43	85.37	-6,581.24	594.54	250.45	344.09	1.728

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	
13,000.00	7,184.70	12,849.24	7,024.23	180.98	181.07	-74.38	84.94	-6,681.22	595.90	246.20	349.70	1.704		
13,100.00	7,185.35	12,949.23	7,023.98	183.93	184.01	-74.33	84.51	-6,781.21	597.26	241.96	355.30	1.681		
13,200.00	7,185.99	13,049.22	7,023.72	186.88	186.96	-74.28	84.08	-6,881.20	598.62	237.72	360.91	1.659		
13,300.00	7,186.63	13,149.21	7,023.47	189.82	189.90	-74.22	83.64	-6,981.19	599.98	233.47	366.51	1.637		
13,400.00	7,187.27	13,249.20	7,023.21	192.77	192.85	-74.17	83.21	-7,081.18	601.34	229.24	372.11	1.616		
13,500.00	7,187.91	13,349.19	7,022.96	195.72	195.80	-74.12	82.78	-7,181.16	602.71	225.00	377.71	1.596		
13,600.00	7,188.55	13,449.18	7,022.70	198.67	198.75	-74.07	82.35	-7,281.15	604.07	220.76	383.31	1.576		
13,700.00	7,189.20	13,549.17	7,022.45	201.62	201.69	-74.02	81.92	-7,381.14	605.43	216.53	388.90	1.557		
13,800.00	7,189.84	13,649.16	7,022.19	204.57	204.64	-73.97	81.48	-7,481.13	606.80	212.30	394.49	1.538		
13,900.00	7,190.48	13,749.14	7,021.94	207.53	207.59	-73.91	81.05	-7,581.12	608.16	208.07	400.09	1.520		
14,000.00	7,191.12	13,849.13	7,021.68	210.48	210.54	-73.86	80.62	-7,681.10	609.53	203.85	405.68	1.502		
14,100.00	7,191.76	13,949.12	7,021.43	213.43	213.49	-73.81	80.19	-7,781.09	610.89	199.62	411.27	1.485 Level 3		
14,200.00	7,192.40	14,049.11	7,021.18	216.38	216.44	-73.76	79.76	-7,881.08	612.26	195.40	416.85	1.469 Level 3		
14,300.00	7,193.05	14,149.10	7,020.92	219.33	219.39	-73.71	79.33	-7,981.07	613.62	191.18	422.44	1.453 Level 3		
14,400.00	7,193.69	14,249.09	7,020.67	222.29	222.34	-73.66	78.89	-8,081.06	614.99	186.97	428.02	1.437 Level 3		
14,500.00	7,194.33	14,349.08	7,020.41	225.24	225.29	-73.61	78.46	-8,181.04	616.36	182.75	433.60	1.421 Level 3		
14,600.00	7,194.97	14,449.07	7,020.16	228.20	228.24	-73.56	78.03	-8,281.03	617.72	178.54	439.18	1.407 Level 3		
14,700.00	7,195.61	14,549.06	7,019.90	231.15	231.20	-73.51	77.60	-8,381.02	619.09	174.33	444.76	1.392 Level 3		
14,800.00	7,196.26	14,649.05	7,019.65	234.10	234.15	-73.47	77.17	-8,481.01	620.46	170.12	450.34	1.378 Level 3		
14,900.00	7,196.90	14,749.04	7,019.39	237.06	237.10	-73.42	76.73	-8,581.00	621.83	165.92	455.91	1.364 Level 3		
15,000.00	7,197.54	14,849.03	7,019.14	240.01	240.05	-73.37	76.30	-8,680.98	623.20	161.72	461.48	1.350 Level 3		
15,100.00	7,198.18	14,949.02	7,018.89	242.97	243.00	-73.32	75.87	-8,780.97	624.57	157.52	467.05	1.337 Level 3		
15,200.00	7,198.82	15,049.00	7,018.63	245.92	245.96	-73.27	75.44	-8,880.96	625.94	153.32	472.62	1.324 Level 3		
15,300.00	7,199.46	15,148.99	7,018.38	248.88	248.91	-73.22	75.01	-8,980.95	627.31	149.12	478.18	1.312 Level 3		
15,400.00	7,200.11	15,248.98	7,018.12	251.84	251.86	-73.18	74.57	-9,080.94	628.68	144.93	483.75	1.300 Level 3		
15,500.00	7,200.75	15,348.97	7,017.87	254.79	254.82	-73.13	74.14	-9,180.92	630.05	140.74	489.31	1.288 Level 3		
15,600.00	7,201.39	15,448.96	7,017.61	257.75	257.77	-73.08	73.71	-9,280.91	631.42	136.55	494.87	1.276 Level 3		
15,700.00	7,202.03	15,548.95	7,017.36	260.70	260.72	-73.04	73.28	-9,380.90	632.80	132.37	500.43	1.265 Level 3		
15,800.00	7,202.67	15,648.94	7,017.10	263.66	263.68	-72.99	72.85	-9,480.89	634.17	128.19	505.98	1.253 Level 3		
15,900.00	7,203.32	15,748.93	7,016.85	266.62	266.63	-72.94	72.41	-9,580.88	635.54	124.01	511.54	1.242 Level 2		
16,000.00	7,203.96	15,848.92	7,016.59	269.57	269.59	-72.90	71.98	-9,680.86	636.92	119.83	517.09	1.232 Level 2		
16,100.00	7,204.60	15,948.91	7,016.34	272.53	272.54	-72.85	71.55	-9,780.85	638.29	115.65	522.64	1.221 Level 2		
16,200.00	7,205.24	16,048.90	7,016.09	275.49	275.49	-72.80	71.12	-9,880.84	639.66	111.48	528.19	1.211 Level 2		
16,300.00	7,205.88	16,148.89	7,015.83	278.45	278.45	-72.76	70.69	-9,980.83	641.04	107.31	533.73	1.201 Level 2		
16,400.00	7,206.52	16,248.88	7,015.58	281.40	281.40	-72.71	70.26	-10,080.81	642.41	103.14	539.27	1.191 Level 2		
16,500.00	7,207.17	16,348.86	7,015.32	284.36	284.36	-72.67	69.82	-10,180.80	643.79	98.97	544.82	1.182 Level 2		
16,600.00	7,207.81	16,448.85	7,015.07	287.32	287.31	-72.62	69.39	-10,280.79	645.17	94.81	550.36	1.172 Level 2		
16,700.00	7,208.45	16,548.84	7,014.81	290.28	290.27	-72.58	68.96	-10,380.78	646.54	90.65	555.89	1.163 Level 2		
16,800.00	7,209.09	16,648.83	7,014.56	293.24	293.22	-72.53	68.53	-10,480.77	647.92	86.49	561.43	1.154 Level 2		
16,900.00	7,209.73	16,748.82	7,014.30	296.20	296.18	-72.49	68.10	-10,580.75	649.30	82.33	566.96	1.145 Level 2		
17,000.00	7,210.38	16,848.81	7,014.05	299.15	299.14	-72.44	67.66	-10,680.74	650.67	78.18	572.49	1.137 Level 2		
17,100.00	7,211.02	16,948.80	7,013.79	302.11	302.09	-72.40	67.23	-10,780.73	652.05	74.03	578.02	1.128 Level 2		
17,200.00	7,211.66	17,048.79	7,013.54	305.07	305.05	-72.35	66.80	-10,880.72	653.43	69.88	583.55	1.120 Level 2		
17,300.00	7,212.30	17,148.78	7,013.29	308.03	308.00	-72.31	66.37	-10,980.71	654.81	65.73	589.08	1.112 Level 2		
17,400.00	7,212.94	17,248.77	7,013.03	310.99	310.96	-72.27	65.94	-11,080.69	656.19	61.59	594.60	1.104 Level 2		
17,409.36	7,213.00	17,258.13	7,013.01	311.26	311.24	-72.26	65.90	-11,090.05	656.32	61.22	595.10	1.103 Level 2, SF		

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference				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		
0.00	0.00	0.00	0.00	3.28	3.28	-179.56	-179.96	-1.39	179.97						
100.00	100.00	100.00	100.00	3.28	3.28	-179.56	-179.96	-1.39	179.97	172.44	7.53	23.909			
200.00	200.00	200.00	200.00	3.30	3.30	-179.56	-179.96	-1.39	179.97	172.40	7.57	23.778			
200.00	200.00	200.00	200.00	3.30	3.30	-179.56	-179.96	-1.39	179.97	172.40	7.57	23.778	CC, ES		
300.00	300.00	297.47	297.47	3.35	3.34	-137.87	-180.29	-1.61	180.64	172.99	7.65	23.611	SF		
400.00	399.93	392.21	392.15	3.41	3.39	-137.96	-182.93	-3.30	186.03	178.26	7.77	23.955			
500.00	499.68	486.33	486.07	3.50	3.47	-138.13	-188.15	-6.67	196.76	188.84	7.92	24.830			
600.00	599.13	579.45	578.72	3.62	3.56	-138.33	-195.87	-11.64	212.81	204.68	8.13	26.185			
700.00	698.15	671.18	669.67	3.76	3.68	-138.53	-205.94	-18.13	234.08	225.70	8.37	27.954			
800.00	796.92	761.52	758.81	3.93	3.83	-138.81	-218.25	-26.06	259.20	250.54	8.66	29.947			
900.00	895.69	855.83	851.48	4.12	4.02	-138.79	-232.94	-35.53	286.20	277.22	8.99	31.851			
1,000.00	994.46	952.09	946.05	4.34	4.24	-138.76	-248.03	-45.26	313.31	303.95	9.36	33.468			
1,100.00	1,093.23	1,048.34	1,040.62	4.58	4.49	-138.74	-263.12	-54.98	340.42	330.65	9.77	34.840			
1,200.00	1,192.00	1,144.60	1,135.18	4.83	4.75	-138.72	-278.21	-64.71	367.52	357.31	10.21	36.000			
1,300.00	1,290.76	1,240.85	1,229.75	5.09	5.03	-138.70	-293.30	-74.43	394.63	383.96	10.67	36.976			
1,400.00	1,389.53	1,337.11	1,324.32	5.37	5.33	-138.69	-308.39	-84.16	421.74	410.58	11.16	37.794			
1,500.00	1,488.30	1,433.37	1,418.88	5.66	5.64	-138.67	-323.49	-93.89	448.85	437.19	11.66	38.496			
1,600.00	1,587.07	1,529.62	1,513.45	5.95	5.96	-138.66	-338.58	-103.61	475.95	463.77	12.18	39.073			
1,700.00	1,685.84	1,625.88	1,608.02	6.25	6.28	-138.65	-353.67	-113.34	503.06	490.35	12.72	39.564			
1,800.00	1,784.61	1,722.13	1,702.58	6.42	6.58	-138.64	-368.76	-123.06	530.17	517.27	12.90	41.088			
1,900.00	1,883.38	1,818.39	1,797.15	6.46	6.74	-138.63	-383.85	-132.79	557.28	544.39	12.88	43.252			
2,000.00	1,982.15	1,914.64	1,891.72	6.52	6.79	-138.63	-398.94	-142.52	584.39	571.42	12.96	45.087			
2,100.00	2,080.92	2,010.90	1,986.28	6.59	6.86	-138.62	-414.04	-152.24	611.49	598.42	13.07	46.777			
2,200.00	2,179.68	2,107.16	2,080.85	6.69	6.96	-138.61	-429.13	-161.97	638.60	625.39	13.22	48.320			
2,300.00	2,278.45	2,203.41	2,175.42	6.81	7.07	-138.61	-444.22	-171.69	665.71	652.31	13.39	49.700			
2,400.00	2,377.22	2,299.67	2,269.98	6.94	7.21	-138.60	-459.31	-181.42	692.82	679.21	13.60	50.932			
2,500.00	2,475.99	2,404.08	2,364.55	7.08	7.38	-138.60	-474.40	-191.14	719.92	706.07	13.85	51.974			
2,600.00	2,574.76	2,507.82	2,459.11	7.25	7.56	-138.59	-489.49	-200.87	747.03	732.90	14.13	52.868			
2,700.00	2,673.53	2,588.43	2,553.68	7.42	7.72	-138.59	-504.58	-210.60	774.14	759.74	14.40	53.756			
2,800.00	2,772.30	2,684.69	2,648.25	7.61	7.92	-138.58	-519.68	-220.32	801.25	786.53	14.72	54.437			
2,900.00	2,871.07	2,780.95	2,742.81	7.82	8.14	-138.58	-534.77	-230.05	828.36	813.30	15.06	55.004			
3,000.00	2,969.83	2,877.20	2,837.38	8.03	8.37	-138.58	-549.86	-239.77	855.46	840.04	15.42	55.468			
3,100.00	3,068.60	2,973.46	2,931.95	8.25	8.61	-138.57	-564.95	-249.50	882.57	866.77	15.81	55.840			
3,200.00	3,167.37	3,069.71	3,026.51	8.48	8.86	-138.57	-580.04	-259.23	909.68	893.47	16.21	56.130			
3,300.00	3,266.14	3,165.97	3,121.08	8.73	9.12	-138.57	-595.13	-268.95	936.79	920.16	16.63	56.347			
3,400.00	3,364.91	3,262.22	3,215.65	8.98	9.39	-138.56	-610.23	-278.68	963.90	946.84	17.06	56.501			
3,500.00	3,463.68	3,358.48	3,310.21	9.23	9.67	-138.56	-625.32	-288.40	991.00	973.49	17.51	56.599			
3,600.00	3,562.45	3,454.74	3,404.78	9.50	9.96	-138.56	-640.41	-298.13	1,018.11	1,000.14	17.97	56.650			
3,700.00	3,661.22	3,550.99	3,499.35	9.77	10.25	-138.56	-655.50	-307.85	1,045.22	1,026.77	18.45	56.659			
3,800.00	3,759.99	3,647.25	3,593.91	10.04	10.55	-138.55	-670.59	-317.58	1,072.33	1,053.39	18.93	56.633			
3,900.00	3,858.75	3,743.50	3,688.48	10.32	10.86	-138.55	-685.68	-327.31	1,099.43	1,080.00	19.43	56.578			
4,000.00	3,957.52	3,839.76	3,783.04	10.61	11.17	-138.55	-700.77	-337.03	1,126.54	1,106.60	19.94	56.497			
4,100.00	4,056.29	3,936.01	3,877.61	10.90	11.48	-138.55	-715.87	-346.76	1,153.65	1,133.19	20.46	56.395			
4,200.00	4,155.06	4,032.27	3,972.18	11.19	11.80	-138.55	-730.96	-356.48	1,180.76	1,159.78	20.98	56.275			

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	
0.00	0.00	0.00	0.00	3.28	3.28	-179.50	-159.93	-1.39	159.94					
100.00	100.00	100.00	100.00	3.28	3.28	-179.50	-159.93	-1.39	159.94	152.41	7.53	21.248		
200.00	200.00	200.00	200.00	3.30	3.30	-179.50	-159.93	-1.39	159.94	152.37	7.57	21.132		
200.00	200.00	200.00	200.00	3.30	3.30	-179.50	-159.93	-1.39	159.94	152.37	7.57	21.132	CC, ES	
300.00	300.00	297.92	297.92	3.35	3.34	-137.80	-160.24	-1.65	160.58	152.93	7.65	20.989	SF	
400.00	399.93	393.57	393.51	3.41	3.40	-137.81	-162.70	-3.69	165.76	157.99	7.77	21.340		
500.00	499.68	488.64	488.37	3.50	3.47	-137.82	-167.57	-7.74	176.08	168.15	7.93	22.208		
600.00	599.13	582.79	582.04	3.62	3.57	-137.81	-174.79	-13.73	191.49	183.36	8.13	23.541		
700.00	698.15	675.65	674.09	3.76	3.69	-137.77	-184.22	-21.55	211.93	203.54	8.39	25.270		
800.00	796.92	770.61	767.84	3.93	3.85	-137.86	-195.79	-31.17	235.63	226.94	8.69	27.126		
900.00	895.69	867.71	863.67	4.12	4.04	-137.89	-207.83	-41.16	259.52	250.50	9.03	28.743		
1,000.00	994.46	964.81	959.51	4.34	4.25	-137.92	-219.86	-51.15	283.42	274.01	9.41	30.122		
1,100.00	1,093.23	1,061.91	1,055.34	4.58	4.49	-137.94	-231.90	-61.14	307.32	297.50	9.82	31.290		
1,200.00	1,192.00	1,159.01	1,151.18	4.83	4.74	-137.96	-243.93	-71.13	331.22	320.96	10.26	32.276		
1,300.00	1,290.76	1,256.12	1,247.01	5.09	5.00	-137.97	-255.97	-81.12	355.12	344.39	10.73	33.106		
1,400.00	1,389.53	1,353.22	1,342.84	5.37	5.28	-137.99	-268.00	-91.12	379.02	367.81	11.21	33.802		
1,500.00	1,488.30	1,450.32	1,438.68	5.66	5.57	-138.00	-280.04	-101.11	402.92	391.21	11.71	34.394		
1,600.00	1,587.07	1,547.42	1,534.51	5.95	5.87	-138.01	-292.07	-111.10	426.82	414.58	12.24	34.884		
1,700.00	1,685.84	1,644.52	1,630.35	6.25	6.18	-138.02	-304.11	-121.09	450.72	437.95	12.77	35.299		
1,800.00	1,784.61	1,741.63	1,726.18	6.42	6.43	-138.03	-316.14	-131.08	474.62	461.69	12.93	36.715		
1,900.00	1,883.38	1,838.73	1,822.01	6.46	6.54	-138.04	-328.18	-141.07	498.52	485.64	12.88	38.700		
2,000.00	1,982.15	1,935.83	1,917.85	6.52	6.59	-138.05	-340.21	-151.07	522.42	509.45	12.96	40.305		
2,100.00	2,080.92	2,032.93	2,013.68	6.59	6.66	-138.06	-352.25	-161.06	546.32	533.24	13.08	41.782		
2,200.00	2,179.68	2,130.04	2,109.52	6.69	6.75	-138.06	-364.28	-171.05	570.21	556.99	13.22	43.125		
2,300.00	2,278.45	2,227.14	2,205.35	6.81	6.86	-138.07	-376.32	-181.04	594.11	580.71	13.40	44.332		
2,400.00	2,377.22	2,324.24	2,301.18	6.94	6.98	-138.07	-388.35	-191.03	618.01	604.40	13.61	45.405		
2,500.00	2,475.99	2,421.34	2,397.02	7.08	7.12	-138.08	-400.39	-201.02	641.91	628.06	13.85	46.347		
2,600.00	2,574.76	2,518.44	2,492.85	7.25	7.28	-138.08	-412.42	-211.01	665.81	651.70	14.12	47.165		
2,700.00	2,673.53	2,615.55	2,588.69	7.42	7.45	-138.09	-424.46	-221.01	689.71	675.30	14.41	47.866		
2,800.00	2,772.30	2,712.65	2,684.52	7.61	7.64	-138.09	-436.49	-231.00	713.61	698.88	14.73	48.457		
2,900.00	2,871.07	2,809.75	2,780.35	7.82	7.84	-138.10	-448.53	-240.99	737.51	722.44	15.07	48.950		
3,000.00	2,969.83	2,906.85	2,876.19	8.03	8.05	-138.10	-460.56	-250.98	761.41	745.98	15.43	49.352		
3,100.00	3,068.60	3,003.95	2,972.02	8.25	8.27	-138.10	-472.60	-260.97	785.31	769.50	15.81	49.673		
3,200.00	3,167.37	3,101.06	3,067.86	8.48	8.51	-138.11	-484.63	-270.96	809.21	793.00	16.21	49.923		
3,300.00	3,266.14	3,201.84	3,163.69	8.73	8.76	-138.11	-496.67	-280.96	833.11	816.47	16.63	50.085		
3,400.00	3,364.91	3,304.74	3,259.52	8.98	9.02	-138.11	-508.70	-290.95	857.01	839.93	17.08	50.177		
3,500.00	3,463.68	3,407.64	3,355.36	9.23	9.30	-138.11	-520.74	-300.94	880.91	863.37	17.54	50.220		
3,600.00	3,562.45	3,489.46	3,451.19	9.50	9.52	-138.12	-532.77	-310.93	904.81	886.84	17.97	50.361		
3,700.00	3,661.22	3,586.57	3,547.03	9.77	9.80	-138.12	-544.81	-320.92	928.70	910.27	18.44	50.366		
3,800.00	3,759.99	3,683.67	3,642.86	10.04	10.08	-138.12	-556.84	-330.91	952.60	933.68	18.92	50.339		
3,900.00	3,858.75	3,780.77	3,738.69	10.32	10.36	-138.12	-568.88	-340.90	976.50	957.08	19.42	50.287		
4,000.00	3,957.52	3,877.87	3,834.53	10.61	10.65	-138.12	-580.91	-350.90	1,000.40	980.48	19.92	50.213		
4,100.00	4,056.29	3,974.98	3,930.36	10.90	10.95	-138.13	-592.95	-360.89	1,024.30	1,003.87	20.44	50.120		
4,200.00	4,155.06	4,072.08	4,026.20	11.19	11.24	-138.13	-604.98	-370.88	1,048.20	1,027.24	20.96	50.012		
4,300.00	4,253.83	4,169.18	4,122.03	11.49	11.55	-138.13	-617.02	-380.87	1,072.10	1,050.61	21.49	49.891		
4,400.00	4,352.60	4,266.28	4,217.86	11.79	11.85	-138.13	-629.05	-390.86	1,096.00	1,073.97	22.03	49.760		
4,500.00	4,451.37	4,363.38	4,313.70	12.10	12.16	-138.13	-641.08	-400.85	1,119.90	1,097.33	22.57	49.620		
4,600.00	4,550.14	4,460.49	4,409.53	12.41	12.48	-138.13	-653.12	-410.85	1,143.80	1,120.68	23.12	49.474		
4,700.00	4,648.91	4,557.59	4,505.37	12.72	12.79	-138.14	-665.15	-420.84	1,167.70	1,144.02	23.67	49.323		
4,800.00	4,747.67	4,654.69	4,601.20	13.03	13.11	-138.14	-677.19	-430.83	1,191.60	1,167.36	24.24	49.167		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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)	Offset Wellbore Centre +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	-134.52	-178.52	-181.54	254.61					
100.00	100.00	102.00	102.00	3.28	3.28	-134.52	-178.52	-181.54	254.61	247.08	7.53	33.824		
200.00	200.00	202.00	202.00	3.30	3.30	-134.52	-178.52	-181.54	254.61	247.04	7.57	33.637	CC	
200.18	200.18	202.18	202.18	3.30	3.30	-134.52	-178.52	-181.54	254.61	247.04	7.57	33.637	ES	
300.00	300.00	297.82	297.82	3.35	3.34	-92.88	-178.74	-181.87	255.06	247.41	7.65	33.337		
400.00	399.93	389.65	389.59	3.41	3.39	-93.40	-180.41	-184.37	258.46	250.70	7.76	33.300	SF	
500.00	499.68	481.09	480.84	3.50	3.47	-94.39	-183.69	-189.29	265.27	257.36	7.91	33.538		
600.00	599.13	571.89	571.21	3.62	3.56	-95.76	-188.54	-196.57	275.62	267.52	8.10	34.037		
700.00	698.15	661.80	660.39	3.76	3.68	-97.42	-194.91	-206.12	289.65	281.32	8.33	34.764		
800.00	796.92	750.83	748.29	3.93	3.82	-99.30	-202.75	-217.87	307.22	298.61	8.61	35.689		
900.00	895.69	839.02	834.88	4.12	4.00	-100.81	-212.00	-231.74	327.98	319.06	8.92	36.762		
1,000.00	994.46	926.21	919.95	4.34	4.22	-101.98	-222.59	-247.63	351.74	342.47	9.27	37.949		
1,100.00	1,093.23	1,012.27	1,003.30	4.58	4.47	-102.85	-234.45	-265.42	378.34	368.70	9.65	39.226		
1,200.00	1,192.00	1,101.90	1,089.49	4.83	4.78	-103.50	-248.12	-285.90	407.41	397.33	10.08	40.423		
1,300.00	1,290.76	1,202.65	1,181.15	5.09	5.16	-104.08	-262.89	-308.06	436.94	426.34	10.60	41.239		
1,400.00	1,389.53	1,292.81	1,272.81	5.37	5.53	-104.59	-277.67	-330.21	466.50	455.38	11.11	41.982		
1,500.00	1,488.30	1,388.26	1,364.48	5.66	5.93	-105.03	-292.44	-352.37	496.09	484.42	11.67	42.521		
1,600.00	1,587.07	1,483.72	1,456.14	5.95	6.36	-105.43	-307.22	-374.53	525.70	513.46	12.24	42.948		
1,700.00	1,685.84	1,579.17	1,547.81	6.25	6.80	-105.78	-322.00	-396.68	555.34	542.50	12.84	43.264		
1,800.00	1,784.61	1,674.63	1,639.47	6.42	7.25	-106.10	-336.77	-418.84	584.99	571.88	13.11	44.629		
1,900.00	1,883.38	1,770.08	1,731.14	6.46	7.55	-106.39	-351.55	-440.99	614.66	601.29	13.36	46.000		
2,000.00	1,982.15	1,865.53	1,822.80	6.52	7.69	-106.65	-366.32	-463.15	644.34	631.01	13.33	48.333		
2,100.00	2,080.92	1,960.99	1,914.46	6.59	7.79	-106.89	-381.10	-485.31	674.03	660.57	13.46	50.066		
2,200.00	2,179.68	2,056.44	2,006.13	6.69	7.93	-107.11	-395.88	-507.46	703.73	690.10	13.63	51.616		
2,300.00	2,278.45	2,151.90	2,097.79	6.81	8.09	-107.31	-410.65	-529.62	733.44	719.60	13.84	52.981		
2,400.00	2,377.22	2,247.35	2,189.46	6.94	8.29	-107.49	-425.43	-551.77	763.16	749.07	14.09	54.164		
2,500.00	2,475.99	2,342.81	2,281.12	7.08	8.51	-107.66	-440.20	-573.93	792.88	778.51	14.37	55.173		
2,600.00	2,574.76	2,438.26	2,372.79	7.25	8.76	-107.82	-454.98	-596.08	822.61	807.93	14.69	56.017		
2,700.00	2,673.53	2,533.72	2,464.45	7.42	9.03	-107.97	-469.75	-618.24	852.35	837.32	15.03	56.710		
2,800.00	2,772.30	2,629.17	2,556.12	7.61	9.32	-108.11	-484.53	-640.40	882.09	866.68	15.40	57.265		
2,900.00	2,871.07	2,724.63	2,647.78	7.82	9.64	-108.23	-499.31	-662.55	911.83	896.03	15.80	57.696		
3,000.00	2,969.83	2,820.08	2,739.44	8.03	9.97	-108.35	-514.08	-684.71	941.58	925.35	16.23	58.018		
3,100.00	3,068.60	2,915.53	2,831.11	8.25	10.31	-108.47	-528.86	-706.86	971.33	954.66	16.68	58.243		
3,200.00	3,167.37	3,010.99	2,922.77	8.48	10.67	-108.57	-543.63	-729.02	1,001.09	983.94	17.15	58.385		
3,300.00	3,266.14	3,106.44	3,014.44	8.73	11.04	-108.67	-558.41	-751.18	1,030.85	1,013.21	17.63	58.456		
3,400.00	3,364.91	3,201.90	3,106.10	8.98	11.43	-108.77	-573.19	-773.33	1,060.61	1,042.47	18.14	58.466		
3,500.00	3,463.68	3,302.65	3,197.77	9.23	11.85	-108.86	-587.96	-795.49	1,090.37	1,071.69	18.68	58.376		
3,600.00	3,562.45	3,407.19	3,289.43	9.50	12.29	-108.94	-602.74	-817.64	1,120.14	1,100.89	19.24	58.209		
3,700.00	3,661.22	3,488.26	3,381.09	9.77	12.64	-109.02	-617.51	-839.80	1,149.90	1,130.15	19.75	58.219		
3,800.00	3,759.99	3,583.72	3,472.76	10.04	13.06	-109.10	-632.29	-861.95	1,179.67	1,159.36	20.32	58.069		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	
0.00	0.00	2.00	2.00	3.28	3.28	-131.16	-158.47	-181.26	240.77					
100.00	100.00	102.00	102.00	3.28	3.28	-131.16	-158.47	-181.26	240.77	233.24	7.53	31.985		
200.00	200.00	202.00	202.00	3.30	3.30	-131.16	-158.47	-181.26	240.77	233.20	7.57	31.809		
252.97	252.97	254.97	254.97	3.32	3.32	-89.52	-158.47	-181.26	240.77	233.16	7.61	31.640	CC, ES	
300.00	300.00	298.06	298.05	3.35	3.34	-89.53	-158.66	-181.62	241.19	233.54	7.65	31.524		
400.00	399.93	390.35	390.30	3.41	3.40	-90.06	-160.10	-184.29	244.38	236.62	7.76	31.483	SF	
500.00	499.68	482.30	482.05	3.50	3.47	-91.08	-162.93	-189.55	250.77	242.86	7.91	31.699		
600.00	599.13	573.67	572.99	3.62	3.56	-92.51	-167.13	-197.35	260.48	252.38	8.10	32.158		
700.00	698.15	664.25	662.81	3.76	3.68	-94.22	-172.64	-207.59	273.66	265.32	8.33	32.833		
800.00	796.92	754.02	751.43	3.93	3.83	-96.13	-179.43	-220.20	290.28	281.66	8.61	33.698		
900.00	895.69	843.02	838.79	4.12	4.01	-97.64	-187.46	-235.11	310.05	301.12	8.93	34.713		
1,000.00	994.46	931.07	924.67	4.34	4.24	-98.78	-196.67	-252.21	332.80	323.52	9.28	35.844		
1,100.00	1,093.23	1,018.03	1,008.86	4.58	4.49	-99.59	-206.99	-271.37	358.37	348.71	9.67	37.068		
1,200.00	1,192.00	1,111.25	1,098.57	4.83	4.81	-100.20	-219.01	-293.70	385.98	375.85	10.13	38.112		
1,300.00	1,290.76	1,207.25	1,190.92	5.09	5.18	-100.75	-231.44	-316.78	413.72	403.09	10.64	38.897		
1,400.00	1,389.53	1,303.26	1,283.27	5.37	5.57	-101.23	-243.87	-339.87	441.50	430.32	11.17	39.510		
1,500.00	1,488.30	1,399.26	1,375.63	5.66	5.97	-101.65	-256.30	-362.96	469.30	457.56	11.74	39.989		
1,600.00	1,587.07	1,504.74	1,467.98	5.95	6.44	-102.03	-268.73	-386.04	497.12	484.77	12.35	40.258		
1,700.00	1,685.84	1,608.73	1,560.34	6.25	6.91	-102.36	-281.16	-409.13	524.96	511.98	12.98	40.456		
1,800.00	1,784.61	1,687.27	1,652.69	6.42	7.28	-102.66	-293.59	-432.22	552.82	539.62	13.20	41.895		
1,900.00	1,883.38	1,783.28	1,745.04	6.46	7.56	-102.93	-306.02	-455.30	580.68	567.25	13.43	43.231		
2,000.00	1,982.15	1,879.28	1,837.40	6.52	7.67	-103.18	-318.45	-478.39	608.56	595.18	13.38	45.469		
2,100.00	2,080.92	1,975.28	1,929.75	6.59	7.77	-103.41	-330.88	-501.48	636.45	622.93	13.52	47.071		
2,200.00	2,179.68	2,071.29	2,022.10	6.69	7.91	-103.61	-343.31	-524.56	664.34	650.65	13.70	48.500		
2,300.00	2,278.45	2,167.29	2,114.46	6.81	8.08	-103.80	-355.75	-547.65	692.25	678.33	13.91	49.754		
2,400.00	2,377.22	2,263.30	2,206.81	6.94	8.28	-103.98	-368.18	-570.74	720.16	705.99	14.17	50.837		
2,500.00	2,475.99	2,359.30	2,299.17	7.08	8.50	-104.14	-380.61	-593.82	748.07	733.62	14.45	51.758		
2,600.00	2,574.76	2,455.30	2,391.52	7.25	8.75	-104.29	-393.04	-616.91	775.99	761.22	14.77	52.525		
2,700.00	2,673.53	2,551.31	2,483.87	7.42	9.02	-104.43	-405.47	-640.00	803.92	788.79	15.13	53.152		
2,800.00	2,772.30	2,647.31	2,576.23	7.61	9.32	-104.56	-417.90	-663.08	831.85	816.34	15.51	53.650		
2,900.00	2,871.07	2,743.31	2,668.58	7.82	9.63	-104.68	-430.33	-686.17	859.78	843.87	15.91	54.034		
3,000.00	2,969.83	2,839.32	2,760.93	8.03	9.96	-104.80	-442.76	-709.26	887.72	871.38	16.34	54.317		
3,100.00	3,068.60	2,935.32	2,853.29	8.25	10.30	-104.91	-455.19	-732.34	915.66	898.86	16.80	54.511		
3,200.00	3,167.37	3,031.33	2,945.64	8.48	10.66	-105.01	-467.62	-755.43	943.60	926.33	17.27	54.629		
3,300.00	3,266.14	3,127.33	3,038.00	8.73	11.03	-105.10	-480.05	-778.52	971.55	953.78	17.77	54.682		
3,400.00	3,364.91	3,223.33	3,130.35	8.98	11.42	-105.19	-492.48	-801.60	999.49	981.21	18.28	54.679		
3,500.00	3,463.68	3,319.34	3,222.70	9.23	11.81	-105.28	-504.91	-824.69	1,027.44	1,008.63	18.81	54.629		
3,600.00	3,562.45	3,415.34	3,315.06	9.50	12.21	-105.36	-517.34	-847.78	1,055.39	1,036.04	19.35	54.540		
3,700.00	3,661.22	3,511.35	3,407.41	9.77	12.62	-105.43	-529.77	-870.86	1,083.35	1,063.44	19.91	54.419		
3,800.00	3,759.99	3,607.35	3,499.76	10.04	13.04	-105.51	-542.21	-893.95	1,111.30	1,090.83	20.48	54.271		
3,900.00	3,858.75	3,703.35	3,592.12	10.32	13.47	-105.58	-554.64	-917.04	1,139.26	1,118.20	21.06	54.102		
4,000.00	3,957.52	3,799.36	3,684.47	10.61	13.90	-105.64	-567.07	-940.12	1,167.22	1,145.57	21.65	53.916		
4,100.00	4,056.29	3,904.64	3,776.83	10.90	14.38	-105.71	-579.50	-963.21	1,195.18	1,172.90	22.28	53.642		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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
0.00	0.00	3.00	3.00	3.28	3.28	-108.01	-58.65	-180.43	189.72				
100.00	100.00	103.00	103.00	3.28	3.28	-108.01	-58.65	-180.43	189.72	182.19	7.53	25.204	
200.00	200.00	203.00	203.00	3.30	3.30	-108.01	-58.65	-180.43	189.72	182.15	7.57	25.064	
261.25	261.24	263.43	263.43	3.33	3.33	-66.39	-58.65	-180.46	189.62	182.00	7.62	24.895	CC, ES
300.00	300.00	299.97	299.97	3.35	3.34	-66.36	-58.61	-180.86	189.97	182.32	7.65	24.823	
400.00	399.93	394.22	394.16	3.41	3.40	-66.84	-58.27	-184.04	191.67	183.90	7.77	24.675	
500.00	499.68	488.35	488.08	3.50	3.48	-67.79	-57.62	-190.28	195.03	187.11	7.92	24.627	
600.00	599.13	582.28	581.54	3.62	3.58	-69.15	-56.64	-199.57	200.13	192.02	8.11	24.674	
700.00	698.15	675.93	674.37	3.76	3.71	-70.84	-55.35	-211.86	207.08	198.73	8.35	24.804	
800.00	796.92	769.30	766.46	3.93	3.87	-72.55	-53.74	-227.11	216.52	207.88	8.64	25.071	
900.00	895.69	862.26	857.61	4.12	4.07	-73.71	-51.84	-245.25	228.88	219.91	8.97	25.517	
1,000.00	994.46	956.41	949.30	4.34	4.31	-74.38	-49.61	-266.49	243.92	234.57	9.35	26.077	
1,100.00	1,093.23	1,055.13	1,045.26	4.58	4.60	-74.90	-47.18	-289.58	259.71	249.90	9.81	26.471	
1,200.00	1,192.00	1,153.85	1,141.21	4.83	4.92	-75.36	-44.75	-312.66	275.51	265.21	10.30	26.740	
1,300.00	1,290.76	1,252.57	1,237.16	5.09	5.26	-75.77	-42.33	-335.75	291.33	280.51	10.83	26.906	
1,400.00	1,389.53	1,351.29	1,333.11	5.37	5.62	-76.14	-39.90	-358.83	307.17	295.79	11.38	26.991	
1,500.00	1,488.30	1,450.01	1,429.06	5.66	6.00	-76.47	-37.47	-381.92	323.01	311.06	11.95	27.032	
1,600.00	1,587.07	1,548.73	1,525.02	5.95	6.39	-76.77	-35.05	-405.01	338.87	326.33	12.54	27.017	
1,700.00	1,685.84	1,647.45	1,620.97	6.25	6.78	-77.05	-32.62	-428.09	354.73	341.58	13.15	26.972	
1,800.00	1,784.61	1,746.17	1,716.92	6.42	7.11	-77.30	-30.19	-451.18	370.60	357.24	13.36	27.745	
1,900.00	1,883.38	1,844.89	1,812.87	6.46	7.26	-77.53	-27.77	-474.26	386.48	373.14	13.34	28.971	
2,000.00	1,982.15	1,943.61	1,908.83	6.52	7.34	-77.74	-25.34	-497.35	402.36	388.91	13.45	29.912	
2,100.00	2,080.92	2,042.33	2,004.78	6.59	7.45	-77.94	-22.91	-520.44	418.25	404.65	13.60	30.747	
2,200.00	2,179.68	2,141.05	2,100.73	6.69	7.58	-78.12	-20.49	-543.52	434.14	420.35	13.79	31.473	
2,300.00	2,278.45	2,239.77	2,196.68	6.81	7.74	-78.29	-18.06	-566.61	450.04	436.01	14.02	32.092	
2,400.00	2,377.22	2,338.49	2,292.63	6.94	7.93	-78.45	-15.63	-589.70	465.94	451.65	14.29	32.608	
2,500.00	2,475.99	2,437.21	2,388.59	7.08	8.14	-78.59	-13.21	-612.78	481.84	467.25	14.59	33.028	
2,600.00	2,574.76	2,535.93	2,484.54	7.25	8.37	-78.73	-10.78	-635.87	497.74	482.82	14.92	33.359	
2,700.00	2,673.53	2,634.65	2,580.49	7.42	8.62	-78.86	-8.35	-658.95	513.65	498.37	15.28	33.610	
2,800.00	2,772.30	2,733.37	2,676.44	7.61	8.89	-78.98	-5.93	-682.04	529.56	513.89	15.67	33.789	
2,900.00	2,871.07	2,832.10	2,772.39	7.82	9.17	-79.10	-3.50	-705.13	545.47	529.39	16.09	33.904	
3,000.00	2,969.83	2,930.82	2,868.35	8.03	9.47	-79.20	-1.07	-728.21	561.39	544.86	16.53	33.965	
3,100.00	3,068.60	3,029.54	2,964.30	8.25	9.78	-79.31	1.35	-751.30	577.31	560.32	16.99	33.978	
3,200.00	3,167.37	3,128.26	3,060.25	8.48	10.11	-79.40	3.78	-774.38	593.22	575.75	17.47	33.951	
3,300.00	3,266.14	3,226.98	3,156.20	8.73	10.44	-79.49	6.21	-797.47	609.14	591.17	17.97	33.891	
3,400.00	3,364.91	3,325.70	3,252.16	8.98	10.79	-79.58	8.63	-820.56	625.06	606.57	18.49	33.803	
3,500.00	3,463.68	3,424.42	3,348.11	9.23	11.14	-79.66	11.06	-843.64	640.99	621.96	19.03	33.691	
3,600.00	3,562.45	3,523.14	3,444.06	9.50	11.51	-79.74	13.49	-866.73	656.91	637.34	19.57	33.562	
3,700.00	3,661.22	3,621.86	3,540.01	9.77	11.88	-79.82	15.91	-889.81	672.84	652.70	20.13	33.417	
3,800.00	3,759.99	3,720.58	3,635.96	10.04	12.26	-79.89	18.34	-912.90	688.76	668.05	20.71	33.261	
3,900.00	3,858.75	3,819.30	3,731.92	10.32	12.64	-79.96	20.77	-935.99	704.69	683.40	21.29	33.097	
4,000.00	3,957.52	3,918.02	3,827.87	10.61	13.03	-80.02	23.19	-959.07	720.62	698.73	21.89	32.925	
4,100.00	4,056.29	4,016.74	3,923.82	10.90	13.43	-80.08	25.62	-982.16	736.54	714.05	22.49	32.749	
4,200.00	4,155.06	4,115.46	4,019.77	11.19	13.83	-80.14	28.05	-1,005.24	752.47	729.37	23.10	32.570	
4,300.00	4,253.83	4,214.18	4,115.72	11.49	14.23	-80.20	30.47	-1,028.33	768.40	744.68	23.72	32.390	
4,400.00	4,352.60	4,312.90	4,211.68	11.79	14.64	-80.25	32.90	-1,051.42	784.34	759.98	24.35	32.209	
4,500.00	4,451.37	4,411.62	4,307.63	12.10	15.05	-80.31	35.33	-1,074.50	800.27	775.28	24.99	32.029	
4,600.00	4,550.14	4,510.34	4,403.58	12.41	15.46	-80.36	37.75	-1,097.59	816.20	790.57	25.63	31.849	
4,700.00	4,648.91	4,609.06	4,499.53	12.72	15.88	-80.41	40.18	-1,120.67	832.13	805.86	26.27	31.672	
4,800.00	4,747.67	4,707.78	4,495.49	13.03	16.30	-80.45	42.61	-1,143.76	848.07	821.14	26.93	31.496	
4,900.00	4,846.44	4,806.50	4,491.44	13.35	16.73	-80.50	45.03	-1,166.85	864.00	836.42	27.58	31.323	
5,000.00	4,945.21	4,905.22	4,787.39	13.66	17.15	-80.54	47.46	-1,189.93	879.93	851.69	28.25	31.154	
5,100.00	5,043.98	5,003.94	4,883.34	13.98	17.58	-80.58	49.89	-1,213.02	895.87	866.96	28.91	30.987	
5,200.00	5,142.75	5,102.66	4,979.29	14.31	18.01	-80.62	52.31	-1,236.11	911.80	882.22	29.58	30.823	
5,300.00	5,241.52	5,201.38	5,075.25	14.63	18.44	-80.66	54.74	-1,259.19	927.74	897.48	30.26	30.663	
5,400.00	5,340.29	5,300.10	5,171.20	14.96	18.88	-80.70	57.17	-1,282.28	943.68	912.74	30.93	30.507	
5,500.00	5,439.06	5,401.18	5,267.15	15.28	19.32	-80.74	59.59	-1,305.36	959.61	927.99	31.62	30.346	
5,600.00	5,537.82	5,497.54	5,363.10	15.61	19.75	-80.77	62.02	-1,328.45	975.55	943.25	32.30	30.204	
5,700.00	5,636.59	5,596.26	5,459.05	15.94	20.19	-80.81	64.45	-1,351.54	991.49	958.50	32.99	30.059	
5,800.00	5,735.36	5,705.02	5,555.01	16.27	20.68	-80.84	66.87	-1,374.62	1,007.42	973.71	33.71	29.884	
5,900.00	5,834.13	5,806.30	5,650.96	16.61	21.13	-80.87	69.30	-1,397.71	1,023.36	988.95	34.41	29.737	
6,000.00	5,932.90	5,907.58	5,746.91	16.94	21.58	-80.90	71.73	-1,420.79	1,039.30	1,004.18	35.12	29.595	
6,100.00	6,031.67	6,008.86	5,842.86	17.27	22.04	-80.93	74.15	-1,443.88	1,055.24	1,019.41	35.82	29.456	
6,200.00	6,130.44	6,089.86	5,938.82	17.61	22.40	-80.96	76.58	-1,466.97	1,071.18	1,034.72	36.46	29.381	
6,300.00	6,229.21	6,188.58	6,034.77	17.95	22.85	-80.99	79.01	-1,490.05	1,087.12	1,049.96	37.16	29.256	
6,400.00	6,327.98	6,287.35	6,130.72	18.28	23.29	-81.02	81.44	-1,513.14	1,103.06	1,065.19	37.84	29.131	

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,426.74	8,007.91	7,173.59	18.62	36.27	-143.19	106.18	-642.70	954.29	912.28	42.01	22.717		
6,600.00	6,525.51	8,000.50	7,173.42	18.96	36.11	-142.49	106.19	-651.11	887.30	843.20	44.09	20.123		
6,700.00	6,624.10	7,989.65	7,173.22	19.31	35.89	-130.11	106.20	-660.95	826.96	780.66	46.31	17.859		
6,800.00	6,720.27	7,966.88	7,172.76	19.72	35.44	-118.61	106.22	-683.72	775.50	727.09	48.41	16.018		
6,900.00	6,811.45	7,929.17	7,171.99	20.26	34.70	-113.63	106.25	-721.42	734.80	684.60	50.20	14.637		
7,000.00	6,895.40	7,877.46	7,170.94	20.92	33.71	-109.60	106.30	-773.12	705.49	653.94	51.54	13.687		
7,100.00	6,970.06	7,813.02	7,169.63	21.76	32.53	-105.39	106.36	-837.54	686.79	634.38	52.42	13.103		
7,200.00	7,033.59	7,737.45	7,168.10	22.80	31.26	-101.00	106.44	-913.10	676.69	623.73	52.96	12.778		
7,300.00	7,084.42	7,649.32	7,165.42	24.07	29.87	-96.66	106.50	-1,001.18	672.33	619.02	53.31	12.613		
7,400.00	7,121.31	7,557.50	7,152.13	25.61	28.60	-92.41	106.30	-1,091.95	670.75	616.99	53.76	12.477		
7,422.28	7,127.52	7,537.95	7,147.62	25.99	28.35	-91.51	106.21	-1,110.98	670.70	616.80	53.90	12.443		
7,500.00	7,143.34	7,471.85	7,128.10	27.37	27.56	-88.55	105.82	-1,174.09	671.29	616.92	54.37	12.347		
7,600.00	7,150.07	7,390.99	7,095.49	29.30	26.75	-85.11	105.11	-1,248.02	673.55	618.49	55.07	12.232		
7,700.00	7,150.71	7,317.90	7,058.16	31.37	26.17	-81.92	104.27	-1,310.82	679.44	623.67	55.77	12.184 SF		
7,800.00	7,151.35	7,254.68	7,020.26	33.58	25.78	-78.74	103.40	-1,361.36	691.62	635.34	56.28	12.290		
7,900.00	7,151.99	7,200.00	6,983.56	35.90	25.51	-75.73	102.54	-1,401.88	711.37	654.88	56.49	12.592		
8,000.00	7,152.64	7,150.00	6,947.08	38.31	25.32	-72.82	101.68	-1,436.04	739.37	682.99	56.38	13.115		
8,100.00	7,153.28	7,114.47	6,919.59	40.80	25.22	-70.69	101.03	-1,458.53	775.63	719.65	55.98	13.855		
8,200.00	7,153.92	7,080.36	6,892.05	43.34	25.14	-68.62	100.37	-1,478.64	819.81	764.45	55.36	14.808		
8,300.00	7,154.56	7,050.00	6,866.66	45.94	25.07	-66.76	99.76	-1,495.27	871.20	816.60	54.60	15.956		
8,400.00	7,155.20	7,025.25	6,845.41	48.58	25.04	-65.24	99.25	-1,507.93	928.99	875.20	53.79	17.271		
8,500.00	7,155.84	7,000.00	6,823.22	51.25	25.00	-63.70	98.71	-1,519.98	992.32	939.36	52.96	18.737		
8,600.00	7,156.48	6,983.12	6,808.13	53.95	24.98	-62.68	98.35	-1,527.53	1,060.39	1,008.21	52.18	20.322		
8,700.00	7,157.12	6,965.67	6,792.33	56.68	24.96	-61.63	97.96	-1,534.93	1,132.50	1,081.05	51.45	22.014		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft	
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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			
0.00	0.00	3.00	3.00	3.28	3.28	-118.52	-98.36	-180.98	205.99						
100.00	100.00	103.00	103.00	3.28	3.28	-118.52	-98.36	-180.98	205.99	198.46	7.53	27.365			
200.00	200.00	203.00	203.00	3.30	3.30	-118.52	-98.36	-180.98	205.99	198.42	7.57	27.213			
254.11	254.11	256.67	256.67	3.32	3.32	-76.89	-98.36	-180.99	205.94	198.33	7.61	27.059	CC, ES		
300.00	300.00	299.71	299.70	3.35	3.34	-76.88	-98.41	-181.41	206.31	198.66	7.65	26.960			
400.00	399.93	393.43	393.37	3.41	3.40	-77.37	-98.71	-184.56	208.63	200.86	7.77	26.863			
500.00	499.68	486.96	486.69	3.50	3.48	-78.33	-99.30	-190.73	213.23	205.31	7.92	26.930			
600.00	599.13	580.17	579.44	3.62	3.58	-79.68	-100.19	-199.90	220.19	212.08	8.11	27.151			
700.00	698.15	672.96	671.42	3.76	3.70	-81.34	-101.35	-212.01	229.64	221.29	8.35	27.505			
800.00	796.92	765.29	762.51	3.93	3.86	-83.07	-102.79	-226.99	241.91	233.27	8.64	28.006			
900.00	895.69	857.10	852.57	4.12	4.06	-84.29	-104.51	-244.78	257.11	248.14	8.97	28.660			
1,000.00	994.46	948.23	941.33	4.34	4.29	-85.04	-106.48	-265.26	275.08	265.74	9.34	29.441			
1,100.00	1,093.23	1,044.51	1,034.62	4.58	4.58	-85.50	-108.76	-288.99	294.93	285.14	9.79	30.122			
1,200.00	1,192.00	1,142.48	1,129.52	4.83	4.91	-85.91	-111.09	-313.21	314.87	304.59	10.29	30.610			
1,300.00	1,290.76	1,240.45	1,224.42	5.09	5.26	-86.27	-113.43	-337.43	334.83	324.01	10.81	30.961			
1,400.00	1,389.53	1,338.42	1,319.32	5.37	5.64	-86.58	-115.76	-361.65	354.79	343.42	11.37	31.199			
1,500.00	1,488.30	1,436.38	1,414.22	5.66	6.03	-86.87	-118.09	-385.87	374.76	362.82	11.95	31.372			
1,600.00	1,587.07	1,534.35	1,509.12	5.95	6.43	-87.12	-120.42	-410.09	394.75	382.20	12.54	31.466			
1,700.00	1,685.84	1,632.32	1,604.02	6.25	6.85	-87.35	-122.75	-434.30	414.73	401.57	13.16	31.513			
1,800.00	1,784.61	1,730.29	1,698.92	6.42	7.22	-87.56	-125.09	-458.52	434.73	421.33	13.40	32.451			
1,900.00	1,883.38	1,828.26	1,793.82	6.46	7.40	-87.76	-127.42	-482.74	454.73	441.32	13.41	33.921			
2,000.00	1,982.15	1,926.23	1,888.71	6.52	7.48	-87.93	-129.75	-506.96	474.73	461.22	13.51	35.128			
2,100.00	2,080.92	2,024.20	1,983.61	6.59	7.59	-88.09	-132.08	-531.18	494.74	481.07	13.67	36.205			
2,200.00	2,179.68	2,122.17	2,078.51	6.69	7.73	-88.24	-134.41	-555.40	514.75	500.89	13.86	37.150			
2,300.00	2,278.45	2,220.14	2,173.41	6.81	7.90	-88.38	-136.74	-579.62	534.76	520.68	14.09	37.964			
2,400.00	2,377.22	2,318.11	2,268.31	6.94	8.09	-88.50	-139.08	-603.84	554.78	540.43	14.35	38.653			
2,500.00	2,475.99	2,416.07	2,363.21	7.08	8.31	-88.62	-141.41	-628.05	574.80	560.14	14.65	39.223			
2,600.00	2,574.76	2,514.04	2,458.11	7.25	8.55	-88.73	-143.74	-652.27	594.82	579.83	14.99	39.683			
2,700.00	2,673.53	2,612.01	2,553.01	7.42	8.81	-88.84	-146.07	-676.49	614.84	599.49	15.35	40.043			
2,800.00	2,772.30	2,709.98	2,647.91	7.61	9.09	-88.93	-148.40	-700.71	634.87	619.12	15.75	40.313			
2,900.00	2,871.07	2,807.95	2,742.81	7.82	9.39	-89.02	-150.74	-724.93	654.90	638.73	16.17	40.504			
3,000.00	2,969.83	2,905.92	2,837.71	8.03	9.71	-89.11	-153.07	-749.15	674.92	658.31	16.61	40.626			
3,100.00	3,068.60	3,003.89	2,932.61	8.25	10.03	-89.19	-155.40	-773.37	694.95	677.87	17.08	40.688			
3,200.00	3,167.37	3,101.86	3,027.51	8.48	10.37	-89.27	-157.73	-797.59	714.99	697.42	17.57	40.699			
3,300.00	3,266.14	3,200.17	3,122.41	8.73	10.73	-89.34	-160.06	-821.81	735.02	716.94	18.08	40.665			
3,400.00	3,364.91	3,302.20	3,217.31	8.98	11.11	-89.41	-162.40	-846.02	755.05	736.44	18.61	40.571			
3,500.00	3,463.68	3,404.24	3,312.21	9.23	11.50	-89.47	-164.73	-870.24	775.08	755.92	19.16	40.448			
3,600.00	3,562.45	3,506.27	3,407.11	9.50	11.89	-89.53	-167.06	-894.46	795.12	775.39	19.73	40.301			
3,700.00	3,661.22	3,608.30	3,502.01	9.77	12.30	-89.59	-169.39	-918.68	815.16	794.85	20.31	40.134			
3,800.00	3,759.99	3,689.67	3,598.91	10.04	12.63	-89.65	-171.72	-942.90	835.19	814.35	20.84	40.078			
3,900.00	3,858.75	3,787.64	3,691.81	10.32	13.03	-89.70	-174.05	-967.12	855.23	833.80	21.43	39.908			
4,000.00	3,957.52	3,885.61	3,786.71	10.61	13.44	-89.75	-176.39	-991.34	875.27	853.24	22.03	39.728			
4,100.00	4,056.29	3,983.58	3,881.61	10.90	13.85	-89.80	-178.72	-1,015.56	895.31	872.66	22.64	39.542			
4,200.00	4,155.06	4,081.55	3,976.51	11.19	14.27	-89.84	-181.05	-1,039.77	915.35	892.08	23.26	39.350			
4,300.00	4,253.83	4,179.52	4,071.41	11.49	14.70	-89.89	-183.38	-1,063.99	935.39	911.50	23.89	39.156			
4,400.00	4,352.60	4,277.48	4,166.31	11.79	15.12	-89.93	-185.71	-1,088.21	955.43	930.90	24.52	38.959			
4,500.00	4,451.37	4,375.45	4,261.20	12.10	15.55	-89.97	-188.05	-1,112.43	975.47	950.30	25.17	38.762			
4,600.00	4,550.14	4,473.42	4,356.10	12.41	15.99	-90.01	-190.38	-1,136.65	995.51	969.69	25.81	38.565			
4,700.00	4,648.91	4,571.39	4,451.00	12.72	16.42	-90.05	-192.71	-1,160.87	1,015.55	989.08	26.47	38.370			
4,800.00	4,747.67	4,669.36	4,545.90	13.03	16.87	-90.08	-195.04	-1,185.09	1,035.59	1,008.46	27.13	38.176			
4,900.00	4,846.44	4,767.33	4,640.80	13.35	17.31	-90.12	-197.37	-1,209.31	1,055.63	1,027.84	27.79	37.985			
5,000.00	4,945.21	4,865.30	4,735.70	13.66	17.75	-90.15	-199.70	-1,233.52	1,075.68	1,047.22	28.46	37.796			
5,100.00	5,043.98	4,963.27	4,830.60	13.98	18.20	-90.18	-202.04	-1,257.74	1,095.72	1,066.59	29.13	37.610			
5,200.00	5,142.75	5,061.24	4,925.50	14.31	18.65	-90.21	-204.37	-1,281.96	1,115.76	1,085.95	29.81	37.428			
5,300.00	5,241.52	5,159.21	5,020.40	14.63	19.10	-90.24	-206.70	-1,306.18	1,135.81	1,105.31	30.49	37.249			
5,400.00	5,340.29	5,257.17	5,115.30	14.96	19.56	-90.27	-209.03	-1,330.40	1,155.85	1,124.67	31.18	37.074			
5,500.00	5,439.06	5,355.14	5,210.20	15.28	20.01	-90.30	-211.36	-1,354.62	1,175.90	1,144.03	31.87	36.902			
5,600.00	5,537.82	5,453.11	5,305.10	15.61	20.47	-90.33	-213.70	-1,378.84	1,195.94	1,163.38	32.56	36.734			
6,200.00	6,130.44	7,726.75	6,854.34	17.61	36.77	-141.51	-247.25	-609.57	1,165.73	1,119.61	46.11	25.280			
6,300.00	6,229.21	7,718.69	6,854.15	17.95	36.60	-141.05	-247.28	-617.63	1,116.94	1,069.11	47.83	23.351			
6,400.00	6,327.98	7,710.63	6,853.96	18.28	36.42	-140.59	-247.31	-625.70	1,075.21	1,025.70	49.51	21.719			
6,500.00	6,426.74	7,702.56	6,853.77	18.62	36.25	-140.12	-247.33	-633.76	1,041.37	990.31	51.06	20.394			
6,600.00	6,525.51	7,705.50	6,853.59	18.96	36.31	-139.66	-247.36	-641.82	1,016.22	963.58	52.65	19.303			
6,700.00	6,624.10	7,685.00	6,853.37	19.31	35.89	-125.31	-247.39	-651.32	1,000.40	946.90	53.49	18.701			
6,800.00	6,720.27	7,662.55	6,852.84	19.72	35.44	-109.57	-247.47	-673.75	994.04	940.01	54.04	18.396			
6,820.25	6,739.21	7,656.17	6,852.69	19.83	35.31	-107.60	-247.49	-680.14	993.87	939.78	54.09	18.375	SF		

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
6,900.00	6,811.45	7,625.17	6,851.97	20.26	34.68	-101.27	-247.59	-711.13	996.45	942.41	54.04	18.440			
7,000.00	6,895.40	7,573.75	6,850.77	20.92	33.68	-94.75	-247.76	-762.53	1,005.89	952.26	53.64	18.754			
7,100.00	6,970.06	7,509.58	6,849.28	21.76	32.48	-88.86	-247.98	-826.69	1,019.94	966.94	53.00	19.244			
7,200.00	7,033.59	7,434.22	6,847.53	22.80	31.17	-83.54	-248.23	-902.02	1,035.87	983.48	52.38	19.775			
7,300.00	7,084.42	7,354.45	6,845.51	24.07	29.88	-79.18	-248.49	-981.77	1,051.06	999.08	51.99	20.218			
7,400.00	7,121.31	7,289.97	6,839.30	25.61	28.94	-75.99	-248.59	-1,045.92	1,064.79	1,012.70	52.08	20.444			
7,500.00	7,143.34	7,226.83	6,826.97	27.37	28.08	-73.40	-248.54	-1,107.82	1,076.72	1,024.28	52.44	20.534			
7,600.00	7,150.07	7,164.78	6,808.95	29.30	27.33	-71.49	-248.34	-1,167.16	1,086.26	1,033.25	53.02	20.489			
7,700.00	7,150.71	7,100.00	6,784.06	31.37	26.64	-70.20	-247.99	-1,226.94	1,097.17	1,043.47	53.70	20.432			
7,800.00	7,151.35	7,050.00	6,760.77	33.58	26.19	-69.01	-247.61	-1,271.17	1,112.33	1,057.82	54.50	20.408			
7,900.00	7,151.99	7,000.00	6,734.09	35.90	25.80	-67.68	-247.14	-1,313.44	1,132.19	1,076.93	55.26	20.488			
8,000.00	7,152.64	6,950.00	6,704.17	38.31	25.48	-66.22	-246.59	-1,353.48	1,157.08	1,101.14	55.94	20.686			
8,100.00	7,153.28	6,917.66	6,683.18	40.80	25.32	-65.21	-246.19	-1,378.08	1,187.01	1,130.42	56.59	20.975			

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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		
0.00	0.00	3.00	3.00	3.28	3.28	-113.43	-78.33	-180.71	196.95					
100.00	100.00	103.00	103.00	3.28	3.28	-113.43	-78.33	-180.71	196.95	189.42	7.53	26.164		
200.00	200.00	203.00	203.00	3.30	3.30	-113.43	-78.33	-180.71	196.95	189.38	7.57	26.019		
257.27	257.27	259.65	259.65	3.32	3.33	-71.81	-78.33	-180.72	196.88	189.26	7.61	25.860	CC, ES	
300.00	300.00	299.82	299.82	3.35	3.34	-71.79	-78.34	-181.14	197.24	189.59	7.65	25.775		
400.00	399.93	393.77	393.71	3.41	3.40	-72.31	-78.41	-184.31	199.29	191.52	7.77	25.659		
500.00	499.68	487.56	487.29	3.50	3.48	-73.31	-78.55	-190.55	203.35	195.43	7.92	25.682		
600.00	599.13	581.08	580.34	3.62	3.58	-74.73	-78.76	-199.81	209.51	201.40	8.11	25.835		
700.00	698.15	674.22	672.67	3.76	3.71	-76.49	-79.04	-212.05	217.90	209.55	8.35	26.104		
800.00	796.92	766.97	764.17	3.93	3.87	-78.30	-79.38	-227.21	229.00	220.37	8.63	26.521		
900.00	895.69	859.26	854.67	4.12	4.06	-79.58	-79.79	-245.23	243.08	234.11	8.97	27.107		
1,000.00	994.46	950.95	943.98	4.34	4.29	-80.37	-80.26	-266.01	259.96	250.62	9.34	27.836		
1,100.00	1,093.23	1,049.24	1,039.35	4.58	4.59	-80.94	-80.80	-289.78	278.20	268.40	9.80	28.396		
1,200.00	1,192.00	1,147.53	1,134.72	4.83	4.91	-81.44	-81.34	-313.56	296.46	286.17	10.29	28.807		
1,300.00	1,290.76	1,245.82	1,230.09	5.09	5.26	-81.89	-81.88	-337.33	314.74	303.92	10.82	29.096		
1,400.00	1,389.53	1,344.11	1,325.45	5.37	5.63	-82.28	-82.42	-361.10	333.03	321.66	11.37	29.284		
1,500.00	1,488.30	1,442.39	1,420.82	5.66	6.01	-82.63	-82.96	-384.87	351.34	339.40	11.94	29.416		
1,600.00	1,587.07	1,540.68	1,516.19	5.95	6.41	-82.95	-83.50	-408.64	369.66	357.12	12.54	29.478		
1,700.00	1,685.84	1,638.97	1,611.56	6.25	6.82	-83.24	-84.04	-432.41	387.99	374.84	13.15	29.498		
1,800.00	1,784.61	1,737.26	1,706.93	6.42	7.17	-83.50	-84.58	-456.19	406.33	392.95	13.38	30.379		
1,900.00	1,883.38	1,835.54	1,802.29	6.46	7.34	-83.74	-85.12	-479.96	424.67	411.30	13.37	31.756		
2,000.00	1,982.15	1,933.83	1,897.66	6.52	7.42	-83.96	-85.66	-503.73	443.03	429.54	13.48	32.857		
2,100.00	2,080.92	2,032.12	1,993.03	6.59	7.53	-84.17	-86.19	-527.50	461.39	447.75	13.64	33.838		
2,200.00	2,179.68	2,130.41	2,088.40	6.69	7.66	-84.35	-86.73	-551.27	479.75	465.92	13.83	34.698		
2,300.00	2,278.45	2,228.70	2,183.77	6.81	7.83	-84.53	-87.27	-575.05	498.12	484.06	14.06	35.437		
2,400.00	2,377.22	2,326.98	2,279.14	6.94	8.02	-84.69	-87.81	-598.82	516.49	502.17	14.32	36.060		
2,500.00	2,475.99	2,425.27	2,374.50	7.08	8.23	-84.84	-88.35	-622.59	534.87	520.24	14.62	36.574		
2,600.00	2,574.76	2,523.56	2,469.87	7.25	8.47	-84.98	-88.89	-646.36	553.25	538.29	14.96	36.986		
2,700.00	2,673.53	2,621.85	2,565.24	7.42	8.72	-85.11	-89.43	-670.13	571.63	556.31	15.32	37.307		
2,800.00	2,772.30	2,720.13	2,660.61	7.61	9.00	-85.23	-89.97	-693.90	590.01	574.30	15.71	37.545		
2,900.00	2,871.07	2,818.42	2,755.98	7.82	9.29	-85.35	-90.51	-717.68	608.40	592.27	16.13	37.711		
3,000.00	2,969.83	2,916.71	2,851.35	8.03	9.59	-85.46	-91.05	-741.45	626.79	610.21	16.58	37.813		
3,100.00	3,068.60	3,015.00	2,946.71	8.25	9.92	-85.56	-91.59	-765.22	645.18	628.14	17.04	37.860		
3,200.00	3,167.37	3,113.29	3,042.08	8.48	10.25	-85.65	-92.13	-788.99	663.58	646.05	17.53	37.861		
3,300.00	3,266.14	3,211.57	3,137.45	8.73	10.59	-85.75	-92.67	-812.76	681.97	663.94	18.03	37.822		
3,400.00	3,364.91	3,309.86	3,232.82	8.98	10.95	-85.83	-93.21	-836.54	700.37	681.82	18.55	37.752		
3,500.00	3,463.68	3,408.15	3,328.19	9.23	11.31	-85.91	-93.74	-860.31	718.77	699.68	19.09	37.651		
3,600.00	3,562.45	3,506.44	3,423.55	9.50	11.68	-85.99	-94.28	-884.08	737.17	717.52	19.64	37.531		
3,700.00	3,661.22	3,604.72	3,518.92	9.77	12.06	-86.07	-94.82	-907.85	755.57	735.36	20.21	37.392		
3,800.00	3,759.99	3,703.01	3,614.29	10.04	12.45	-86.14	-95.36	-931.62	773.97	753.19	20.78	37.239		
3,900.00	3,858.75	3,801.30	3,709.66	10.32	12.85	-86.21	-95.90	-955.40	792.37	771.00	21.37	37.074		
4,000.00	3,957.52	3,899.59	3,805.03	10.61	13.25	-86.27	-96.44	-979.17	810.78	788.81	21.97	36.902		
4,100.00	4,056.29	4,002.12	3,900.40	10.90	13.67	-86.33	-96.98	-1,002.94	829.18	806.59	22.59	36.700		
4,200.00	4,155.06	4,096.16	3,995.76	11.19	14.06	-86.39	-97.52	-1,026.71	847.59	824.39	23.20	36.540		
4,300.00	4,253.83	4,194.45	4,091.13	11.49	14.47	-86.45	-98.06	-1,050.48	866.00	842.18	23.82	36.354		
4,400.00	4,352.60	4,307.26	4,186.50	11.79	14.95	-86.50	-98.60	-1,074.25	884.40	859.90	24.50	36.094		
4,500.00	4,451.37	4,408.97	4,281.87	12.10	15.39	-86.55	-99.14	-1,098.03	902.81	877.66	25.15	35.892		
4,600.00	4,550.14	4,489.31	4,377.24	12.41	15.74	-86.60	-99.68	-1,121.80	921.22	895.48	25.74	35.792		
4,700.00	4,648.91	4,587.60	4,472.61	12.72	16.17	-86.65	-100.22	-1,145.57	939.63	913.24	26.39	35.607		
4,800.00	4,747.67	4,685.89	4,567.97	13.03	16.60	-86.70	-100.76	-1,169.34	958.04	931.00	27.05	35.423		
4,900.00	4,846.44	4,784.18	4,663.34	13.35	17.03	-86.74	-101.29	-1,193.11	976.45	948.75	27.71	35.241		
5,000.00	4,945.21	4,882.47	4,758.71	13.66	17.47	-86.78	-101.83	-1,216.89	994.87	966.49	28.37	35.062		
5,100.00	5,043.98	4,980.75	4,854.08	13.98	17.91	-86.82	-102.37	-1,240.66	1,013.28	984.23	29.04	34.887		
5,200.00	5,142.75	5,079.04	4,949.45	14.31	18.35	-86.86	-102.91	-1,264.43	1,031.69	1,001.97	29.72	34.714		
5,300.00	5,241.52	5,177.33	5,044.81	14.63	18.79	-86.90	-103.45	-1,288.20	1,050.10	1,019.70	30.40	34.545		
5,400.00	5,340.29	5,275.62	5,140.18	14.96	19.23	-86.94	-103.99	-1,311.97	1,068.52	1,037.44	31.08	34.379		
5,500.00	5,439.06	5,373.91	5,235.55	15.28	19.68	-86.97	-104.53	-1,335.74	1,086.93	1,055.16	31.77	34.216		
5,600.00	5,537.82	5,472.19	5,330.92	15.61	20.13	-87.01	-105.07	-1,359.52	1,105.34	1,072.89	32.46	34.058		
5,700.00	5,636.59	5,570.48	5,426.29	15.94	20.58	-87.04	-105.61	-1,383.29	1,123.76	1,090.61	33.15	33.903		
5,800.00	5,735.36	5,668.77	5,521.66	16.27	21.03	-87.07	-106.15	-1,407.06	1,142.17	1,108.33	33.84	33.751		
5,900.00	5,834.13	5,767.06	5,617.02	16.61	21.48	-87.11	-106.69	-1,430.83	1,160.59	1,126.05	34.54	33.603		
6,000.00	5,932.90	5,865.34	5,712.39	16.94	21.93	-87.14	-107.23	-1,454.60	1,179.01	1,143.77	35.24	33.459		
6,100.00	6,031.67	5,963.63	5,807.76	17.27	22.39	-87.17	-107.77	-1,478.38	1,197.42	1,161.48	35.94	33.318		
6,200.00	6,130.44	7,848.29	6,983.59	17.61	36.77	-142.50	-115.83	-615.15	1,157.01	1,114.30	42.71	27.087		
6,300.00	6,229.21	7,839.99	6,983.42	17.95	36.60	-141.96	-115.82	-623.44	1,094.80	1,050.30	44.50	24.601		
6,400.00	6,327.98	7,831.70	6,983.24	18.28	36.42	-141.42	-115.80	-631.74	1,038.45	992.08	46.37	22.394		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
6,500.00	6,426.74	7,823.40	6,983.06	18.62	36.25	-140.88	-115.79	-640.04	988.95	940.68	48.27	20.490		
6,600.00	6,525.51	7,815.10	6,982.88	18.96	36.07	-140.35	-115.78	-648.33	947.38	897.27	50.10	18.909		
6,700.00	6,624.10	7,805.37	6,982.67	19.31	35.87	-126.61	-115.77	-658.06	914.82	863.07	51.75	17.676		
6,800.00	6,720.27	7,782.70	6,982.18	19.72	35.41	-112.21	-115.74	-680.72	892.25	839.31	52.94	16.854		
6,900.00	6,811.45	7,745.10	6,981.38	20.26	34.67	-104.98	-115.69	-718.32	879.83	826.26	53.57	16.425		
6,993.06	6,889.85	7,702.50	6,980.35	20.88	33.83	-99.64	-115.62	-765.91	876.43	822.66	53.77	16.300		
7,000.00	6,895.40	7,706.51	6,980.27	20.92	33.90	-99.26	-115.62	-769.91	876.45	822.54	53.91	16.258 SF		
7,100.00	6,970.06	7,629.14	6,978.89	21.76	32.48	-93.89	-115.53	-834.25	879.96	826.52	53.43	16.468		
7,200.00	7,033.59	7,553.64	6,977.26	22.80	31.18	-88.85	-115.43	-909.73	887.63	834.55	53.08	16.723		
7,300.00	7,084.42	7,472.59	6,975.13	24.07	29.89	-84.54	-115.32	-990.75	896.65	843.81	52.84	16.968		
7,400.00	7,121.31	7,400.00	6,966.92	25.61	28.83	-81.12	-115.18	-1,062.83	905.79	852.84	52.95	17.106		
7,500.00	7,143.34	7,328.99	6,951.00	27.37	27.90	-78.20	-115.00	-1,132.00	914.49	861.19	53.30	17.158		
7,600.00	7,150.07	7,260.48	6,928.43	29.30	27.11	-75.89	-114.79	-1,196.65	922.14	868.29	53.85	17.124		
7,700.00	7,150.71	7,200.00	6,902.84	31.37	26.52	-74.31	-114.57	-1,251.42	931.84	877.30	54.54	17.084		
7,800.00	7,151.35	7,138.50	6,871.61	33.58	26.02	-72.41	-114.32	-1,304.37	946.34	891.13	55.21	17.141		
7,900.00	7,151.99	7,086.90	6,841.56	35.90	25.67	-70.63	-114.09	-1,346.31	966.27	910.46	55.82	17.312		
8,000.00	7,152.64	7,041.14	6,812.15	38.31	25.42	-68.92	-113.87	-1,381.35	992.05	935.75	56.30	17.621		
8,100.00	7,153.28	7,000.00	6,783.62	40.80	25.23	-67.30	-113.66	-1,410.98	1,023.86	967.24	56.63	18.081		
8,200.00	7,153.92	6,964.96	6,757.86	43.34	25.10	-65.87	-113.48	-1,434.72	1,061.67	1,004.85	56.82	18.686		
8,300.00	7,154.56	6,933.35	6,733.52	45.94	25.01	-64.55	-113.31	-1,454.89	1,105.25	1,048.40	56.86	19.440		
8,400.00	7,155.20	6,900.00	6,706.80	48.58	24.91	-63.13	-113.13	-1,474.83	1,154.31	1,097.56	56.76	20.338		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
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	-102.08	-38.62	-180.43	184.51					
100.00	100.00	103.00	103.00	3.28	3.28	-102.08	-38.62	-180.43	184.51	176.99	7.53	24.512		
200.00	200.00	203.00	203.00	3.30	3.30	-102.08	-38.62	-180.43	184.51	176.94	7.57	24.376		
266.28	266.28	268.23	268.23	3.33	3.33	-60.48	-38.60	-180.48	184.38	176.76	7.62	24.193	CC, ES	
300.00	300.00	300.10	300.10	3.35	3.34	-60.43	-38.51	-180.85	184.71	177.06	7.65	24.136		
400.00	399.93	394.61	394.55	3.41	3.40	-60.85	-37.72	-183.97	186.04	178.27	7.77	23.947		
500.00	499.68	489.04	488.77	3.50	3.48	-61.69	-36.17	-190.09	188.65	180.72	7.92	23.815		
600.00	599.13	583.35	582.59	3.62	3.59	-62.91	-33.87	-199.21	192.58	184.47	8.11	23.737		
700.00	698.15	677.47	675.89	3.76	3.72	-64.45	-30.81	-211.29	197.94	189.59	8.35	23.705		
800.00	796.92	771.40	768.52	3.93	3.88	-65.96	-27.01	-226.30	205.53	196.89	8.64	23.796		
900.00	895.69	865.01	860.30	4.12	4.08	-66.91	-22.49	-244.18	215.98	207.01	8.97	24.082		
1,000.00	994.46	958.11	950.92	4.34	4.31	-67.33	-17.26	-264.84	229.16	219.82	9.34	24.531		
1,100.00	1,093.23	1,056.56	1,046.32	4.58	4.61	-67.49	-11.30	-288.40	243.87	234.08	9.79	24.899		
1,200.00	1,192.00	1,155.46	1,142.16	4.83	4.94	-67.64	-5.30	-312.09	258.60	248.31	10.29	25.138		
1,300.00	1,290.76	1,254.37	1,238.01	5.09	5.29	-67.76	0.69	-335.77	273.32	262.51	10.81	25.282		
1,400.00	1,389.53	1,353.28	1,333.85	5.37	5.67	-67.88	6.68	-359.45	288.05	276.69	11.36	25.346		
1,500.00	1,488.30	1,452.19	1,429.69	5.66	6.05	-67.98	12.68	-383.14	302.78	290.85	11.93	25.377		
1,600.00	1,587.07	1,551.10	1,525.54	5.95	6.46	-68.07	18.67	-406.82	317.51	304.98	12.52	25.352		
1,700.00	1,685.84	1,650.00	1,621.38	6.25	6.87	-68.16	24.66	-430.50	332.24	319.10	13.13	25.299		
1,800.00	1,784.61	1,748.91	1,717.22	6.42	7.20	-68.24	30.66	-454.19	346.97	333.64	13.33	26.026		
1,900.00	1,883.38	1,847.82	1,813.07	6.46	7.35	-68.31	36.65	-477.87	361.70	348.39	13.31	27.180		
2,000.00	1,982.15	1,946.73	1,908.91	6.52	7.44	-68.37	42.64	-501.56	376.43	363.01	13.41	28.062		
2,100.00	2,080.92	2,045.64	2,004.75	6.59	7.55	-68.44	48.63	-525.24	391.16	377.60	13.56	28.842		
2,200.00	2,179.68	2,144.55	2,100.60	6.69	7.70	-68.49	54.63	-548.92	405.89	392.14	13.75	29.519		
2,300.00	2,278.45	2,243.45	2,196.44	6.81	7.87	-68.54	60.62	-572.61	420.62	406.65	13.98	30.095		
2,400.00	2,377.22	2,342.36	2,292.29	6.94	8.07	-68.59	66.61	-596.29	435.36	421.12	14.24	30.574		
2,500.00	2,475.99	2,441.27	2,388.13	7.08	8.29	-68.64	72.61	-619.97	450.09	435.55	14.54	30.963		
2,600.00	2,574.76	2,540.18	2,483.97	7.25	8.53	-68.68	78.60	-643.66	464.82	449.96	14.87	31.268		
2,700.00	2,673.53	2,639.09	2,579.82	7.42	8.80	-68.72	84.59	-667.34	479.56	464.33	15.23	31.497		
2,800.00	2,772.30	2,737.99	2,675.66	7.61	9.08	-68.76	90.59	-691.02	494.29	478.68	15.61	31.660		
2,900.00	2,871.07	2,836.90	2,771.50	7.82	9.38	-68.80	96.58	-714.71	509.02	493.00	16.03	31.762		
3,000.00	2,969.83	2,935.81	2,867.35	8.03	9.69	-68.83	102.57	-738.39	523.76	507.30	16.46	31.814		
3,100.00	3,068.60	3,034.72	2,963.19	8.25	10.02	-68.86	108.57	-762.08	538.49	521.57	16.92	31.822		
3,200.00	3,167.37	3,133.63	3,059.03	8.48	10.36	-68.89	114.56	-785.76	553.23	535.83	17.40	31.792		
3,300.00	3,266.14	3,232.53	3,154.88	8.73	10.72	-68.92	120.55	-809.44	567.96	550.06	17.90	31.731		
3,400.00	3,364.91	3,331.44	3,250.72	8.98	11.08	-68.95	126.54	-833.13	582.70	564.28	18.41	31.644		
3,500.00	3,463.68	3,430.35	3,346.56	9.23	11.45	-68.97	132.54	-856.81	597.43	578.49	18.94	31.536		
3,600.00	3,562.45	3,529.26	3,442.41	9.50	11.83	-69.00	138.53	-880.49	612.17	592.68	19.49	31.411		
3,700.00	3,661.22	3,628.17	3,538.25	9.77	12.22	-69.02	144.52	-904.18	626.90	606.85	20.05	31.272		
3,800.00	3,759.99	3,727.08	3,634.09	10.04	12.61	-69.04	150.52	-927.86	641.64	621.02	20.62	31.123		
3,900.00	3,858.75	3,825.98	3,729.94	10.32	13.01	-69.06	156.51	-951.55	656.37	635.17	21.20	30.965		
4,000.00	3,957.52	3,924.89	3,825.78	10.61	13.42	-69.08	162.50	-975.23	671.11	649.32	21.79	30.802		
4,100.00	4,056.29	4,023.80	3,921.63	10.90	13.83	-69.10	168.50	-998.91	685.84	663.45	22.39	30.635		
4,200.00	4,155.06	4,122.71	4,017.47	11.19	14.25	-69.12	174.49	-1,022.60	700.58	677.58	23.00	30.465		
4,300.00	4,253.83	4,221.62	4,113.31	11.49	14.67	-69.14	180.48	-1,046.28	715.31	691.70	23.61	30.294		
4,400.00	4,352.60	4,320.52	4,209.16	11.79	15.09	-69.16	186.48	-1,069.96	730.05	705.81	24.24	30.122		
4,500.00	4,451.37	4,419.43	4,305.00	12.10	15.52	-69.17	192.47	-1,093.65	744.78	719.92	24.87	29.951		
4,600.00	4,550.14	4,518.34	4,400.84	12.41	15.96	-69.19	198.46	-1,117.33	759.52	734.02	25.50	29.781		
4,700.00	4,648.91	4,617.25	4,496.69	12.72	16.39	-69.21	204.45	-1,141.02	774.26	748.11	26.15	29.613		
4,800.00	4,747.67	4,716.16	4,592.53	13.03	16.83	-69.22	210.45	-1,164.70	788.99	762.20	26.79	29.447		
4,900.00	4,846.44	4,815.06	4,688.37	13.35	17.27	-69.23	216.44	-1,188.38	803.73	776.28	27.45	29.284		
5,000.00	4,945.21	4,913.97	4,784.22	13.66	17.71	-69.25	222.43	-1,212.07	818.46	790.36	28.10	29.124		
5,100.00	5,043.98	5,012.88	4,880.06	13.98	18.16	-69.26	228.43	-1,235.75	833.20	804.43	28.76	28.966		
5,200.00	5,142.75	5,111.79	4,975.90	14.31	18.60	-69.27	234.42	-1,259.43	847.93	818.50	29.43	28.812		
5,300.00	5,241.52	5,210.70	5,071.75	14.63	19.05	-69.29	240.41	-1,283.12	862.67	832.57	30.10	28.661		
5,400.00	5,340.29	5,309.61	5,167.59	14.96	19.50	-69.30	246.41	-1,306.80	877.41	846.64	30.77	28.514		
5,500.00	5,439.06	5,408.51	5,263.43	15.28	19.96	-69.31	252.40	-1,330.48	892.14	860.70	31.45	28.369		
5,600.00	5,537.82	5,507.42	5,359.28	15.61	20.41	-69.32	258.39	-1,354.17	906.88	874.75	32.13	28.228		
5,700.00	5,636.59	5,606.33	5,455.12	15.94	20.87	-69.33	264.39	-1,377.85	921.62	888.81	32.81	28.091		
5,800.00	5,735.36	5,705.24	5,550.97	16.27	21.32	-69.34	270.38	-1,401.54	936.35	902.86	33.49	27.957		
5,900.00	5,834.13	5,804.15	5,646.81	16.61	21.78	-69.35	276.37	-1,425.22	951.09	916.91	34.18	27.826		
6,000.00	5,932.90	5,903.05	5,742.65	16.94	22.24	-69.36	282.36	-1,448.90	965.82	930.95	34.87	27.698		
6,100.00	6,031.67	6,001.96	5,838.50	17.27	22.70	-69.37	288.36	-1,472.59	980.56	945.00	35.56	27.574		
6,200.00	6,130.44	7,927.17	7,058.28	17.61	37.05	-146.52	328.20	-625.69	985.99	952.04	33.95	29.043		
6,300.00	6,229.21	7,918.49	7,058.10	17.95	36.86	-145.43	328.47	-634.36	988.19	862.91	35.28	25.456		
6,400.00	6,327.98	7,909.81	7,057.91	18.28	36.68	-144.34	328.73	-643.04	813.12	776.20	36.92	22.022		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	
6,500.00	6,426.74	7,901.13	7,057.73	18.62	36.50	-143.24	329.00	-651.71	731.73	692.79	38.94	18.789		
6,600.00	6,525.51	7,907.55	7,057.55	18.96	36.63	-142.14	329.26	-660.38	655.40	613.78	41.62	15.748		
6,700.00	6,624.10	7,882.34	7,057.33	19.31	36.12	-130.00	329.57	-670.49	586.14	541.76	44.38	13.208		
6,800.00	6,720.27	7,859.32	7,056.85	19.72	35.66	-118.68	330.28	-693.49	527.23	479.75	47.49	11.103		
6,900.00	6,811.45	7,821.40	7,056.05	20.26	34.91	-112.75	331.44	-731.39	482.02	431.69	50.33	9.577		
7,000.00	6,895.40	7,769.52	7,054.96	20.92	33.92	-106.79	333.02	-783.23	452.25	399.81	52.44	8.624		
7,100.00	6,970.06	7,704.95	7,053.61	21.76	32.74	-99.95	334.99	-847.76	437.15	383.67	53.49	8.173		
7,194.84	7,030.61	7,633.44	7,052.10	22.74	31.54	-93.01	337.18	-919.22	433.39	379.71	53.67	8.074 SF		
7,200.00	7,033.59	7,629.29	7,052.01	22.80	31.47	-92.63	337.30	-923.37	433.39	379.74	53.66	8.077		
7,300.00	7,084.42	7,547.60	7,049.43	24.07	30.19	-85.85	339.75	-1,004.97	436.27	382.93	53.34	8.179		
7,400.00	7,121.31	7,470.84	7,039.23	25.61	29.11	-79.91	341.60	-1,080.98	443.16	390.34	52.82	8.389		
7,500.00	7,143.34	7,397.31	7,020.97	27.37	28.18	-74.59	342.86	-1,152.15	452.90	400.72	52.18	8.680		
7,600.00	7,150.07	7,326.31	6,995.67	29.30	27.42	-70.07	343.58	-1,218.44	464.25	412.73	51.53	9.010		
7,700.00	7,150.71	7,260.39	6,965.72	31.37	26.82	-66.52	343.81	-1,277.13	480.76	430.07	50.69	9.485		
7,800.00	7,151.35	7,200.00	6,933.10	33.58	26.37	-62.89	343.63	-1,327.93	505.92	456.40	49.52	10.216		
7,900.00	7,151.99	7,150.00	6,902.55	35.90	26.08	-59.71	343.22	-1,367.50	540.16	492.01	48.15	11.218		
8,000.00	7,152.64	7,100.00	6,869.00	38.31	25.84	-56.45	342.56	-1,404.55	583.23	536.52	46.71	12.485		
8,100.00	7,153.28	7,063.77	6,842.94	40.80	25.70	-54.09	341.93	-1,429.69	634.33	588.96	45.37	13.983		
8,200.00	7,153.92	7,028.60	6,816.30	43.34	25.59	-51.83	341.20	-1,452.65	692.51	648.34	44.17	15.678		
8,300.00	7,154.56	7,000.00	6,793.74	45.94	25.50	-50.03	340.53	-1,470.21	756.72	713.54	43.18	17.526		
8,400.00	7,155.20	6,970.34	6,769.54	48.58	25.44	-48.20	339.75	-1,487.33	825.98	783.61	42.37	19.496		
8,500.00	7,155.84	6,950.00	6,752.50	51.25	25.39	-46.98	339.16	-1,498.41	899.47	857.73	41.74	21.548		
8,600.00	7,156.48	6,924.63	6,730.75	53.95	25.35	-45.50	338.39	-1,511.46	976.42	935.19	41.24	23.678		
8,700.00	7,157.12	6,900.00	6,709.17	56.68	25.32	-44.11	337.58	-1,523.29	1,056.34	1,015.50	40.84	25.864		
8,800.00	7,157.77	6,900.00	6,709.17	59.43	25.32	-44.11	337.58	-1,523.29	1,138.79	1,098.19	40.61	28.045		

Offset Design													Offset Site Error:	0.00 usft	
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1													Offset Well Error:		3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1															
Reference				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	0.00	0.00	3.28	3.28	-179.60	-40.07	-0.28	40.07						
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-40.07	-0.28	40.07	32.55	7.53	5.324			
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295 CC			
200.04	200.04	200.04	200.04	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295			
300.00	300.00	300.34	300.33	3.35	3.35	-137.77	-39.86	-0.67	40.19	32.53	7.65	5.250			
400.00	399.93	401.00	400.93	3.41	3.41	-136.71	-38.14	-3.76	41.10	33.32	7.78	5.283			
500.00	499.68	501.63	501.31	3.50	3.50	-134.74	-34.72	-9.94	42.97	35.02	7.95	5.404			
600.00	599.13	602.13	601.25	3.62	3.62	-132.12	-29.61	-19.16	45.87	37.69	8.18	5.610			
700.00	698.15	702.01	700.42	3.76	3.75	-131.39	-23.87	-29.50	50.62	42.16	8.46	5.985			
800.00	796.92	801.83	799.54	3.93	3.91	-132.19	-18.14	-39.84	56.53	47.75	8.78	6.436			
900.00	895.69	901.65	898.66	4.12	4.09	-132.83	-12.41	-50.18	62.46	53.31	9.15	6.826			
1,000.00	994.46	1,001.48	997.78	4.34	4.29	-133.37	-6.68	-60.52	68.39	58.84	9.55	7.161			
1,100.00	1,093.23	1,101.30	1,096.90	4.58	4.51	-133.81	-0.95	-70.85	74.32	64.34	9.98	7.446			
1,200.00	1,192.00	1,201.12	1,196.02	4.83	4.73	-134.20	4.78	-81.19	80.26	69.82	10.44	7.688			
1,300.00	1,290.76	1,300.94	1,295.14	5.09	4.97	-134.53	10.51	-91.53	86.20	75.28	10.92	7.894			
1,400.00	1,389.53	1,400.77	1,394.26	5.37	5.22	-134.81	16.24	-101.87	92.15	80.73	11.42	8.069			
1,500.00	1,488.30	1,500.59	1,493.38	5.66	5.47	-135.06	21.97	-112.20	98.09	86.15	11.94	8.218			
1,600.00	1,587.07	1,600.41	1,592.50	5.95	5.74	-135.29	27.70	-122.54	104.04	91.57	12.47	8.345			
1,700.00	1,685.84	1,700.23	1,691.62	6.25	6.01	-135.49	33.43	-132.88	109.99	96.98	13.01	8.453			
1,800.00	1,784.61	1,800.05	1,790.74	6.42	6.15	-135.66	39.16	-143.22	115.94	103.02	12.92	8.972			
1,900.00	1,883.38	1,899.88	1,889.86	6.46	6.18	-135.83	44.89	-153.55	121.89	108.92	12.97	9.394			
2,000.00	1,982.15	2,000.30	1,988.98	6.52	6.23	-135.97	50.62	-163.89	127.84	114.78	13.06	9.787			
2,100.00	2,080.92	2,100.48	2,088.10	6.59	6.29	-136.11	56.35	-174.23	133.79	120.61	13.19	10.148			
2,200.00	2,179.68	2,200.66	2,187.22	6.69	6.37	-136.23	62.08	-184.57	139.75	126.41	13.34	10.476			
2,300.00	2,278.45	2,300.84	2,286.34	6.81	6.47	-136.34	67.81	-194.90	145.70	132.17	13.53	10.771			
2,400.00	2,377.22	2,401.01	2,385.46	6.94	6.58	-136.44	73.54	-205.24	151.66	137.91	13.75	11.033			
2,500.00	2,475.99	2,501.19	2,484.58	7.08	6.70	-136.54	79.27	-215.58	157.61	143.62	13.99	11.264			
2,600.00	2,574.76	2,601.37	2,583.70	7.25	6.84	-136.63	85.00	-225.91	163.57	149.30	14.27	11.465			
2,700.00	2,673.53	2,701.55	2,682.82	7.42	6.99	-136.71	90.73	-236.25	169.52	154.96	14.57	11.637			
2,800.00	2,772.30	2,801.72	2,781.94	7.61	7.15	-136.78	96.46	-246.59	175.48	160.59	14.89	11.784			
2,900.00	2,871.07	2,901.90	2,881.06	7.82	7.33	-136.86	102.19	-256.93	181.44	166.20	15.24	11.906			
3,000.00	2,969.83	3,002.08	2,980.18	8.03	7.51	-136.92	107.92	-267.26	187.39	171.79	15.61	12.007			
3,100.00	3,068.60	3,102.26	3,079.30	8.25	7.70	-136.99	113.65	-277.60	193.35	177.36	15.99	12.089			
3,200.00	3,167.37	3,202.44	3,178.42	8.48	7.91	-137.05	119.38	-287.94	199.31	182.91	16.40	12.153			
3,300.00	3,266.14	3,302.61	3,277.54	8.73	8.12	-137.10	125.11	-298.28	205.26	188.44	16.82	12.203			
3,400.00	3,364.91	3,402.79	3,376.66	8.98	8.34	-137.15	130.84	-308.61	211.22	193.96	17.26	12.238			
3,500.00	3,463.68	3,497.03	3,475.78	9.23	8.55	-137.20	136.57	-318.95	217.18	199.48	17.70	12.272			
3,600.00	3,562.45	3,603.15	3,574.90	9.50	8.79	-137.25	142.30	-329.29	223.14	204.96	18.18	12.277			
3,700.00	3,661.22	3,696.68	3,674.02	9.77	9.01	-137.29	148.03	-339.63	229.10	210.46	18.64	12.293			
3,800.00	3,759.99	3,803.50	3,773.14	10.04	9.27	-137.34	153.76	-349.96	235.05	215.91	19.14	12.280			
3,900.00	3,858.75	3,896.32	3,872.26	10.32	9.50	-137.38	159.49	-360.30	241.01	221.39	19.62	12.283			
4,000.00	3,957.52	4,003.86	3,971.38	10.61	9.78	-137.42	165.22	-370.64	246.97	226.82	20.15	12.259			
4,100.00	4,056.29	4,104.04	4,070.50	10.90	10.03	-137.45	170.95	-380.98	252.93	232.27	20.66	12.240			
4,200.00	4,155.06	4,204.21	4,169.62	11.19	10.29	-137.49	176.68	-391.31	258.89	237.70	21.19	12.198			
4,300.00	4,253.83	4,304.39	4,268.74	11.49	10.56	-137.52	182.41	-401.65	264.85	243.13	21.72	12.193			
4,400.00	4,352.60	4,404.57	4,367.86	11.79	10.83	-137.55	188.14	-411.99	270.81	248.54	22.26	12.165			
4,500.00	4,451.37	4,504.75	4,466.98	12.10	11.10	-137.58	193.87	-422.33	276.76	253.96	22.81	12.136			
4,600.00	4,550.14	4,604.92	4,566.10	12.41	11.37	-137.61	199.60	-432.66	282.72	259.37	23.36	12.104			
4,700.00	4,648.91	4,705.10	4,665.22	12.72	11.65	-137.64	205.33	-443.00	288.68	264.77	23.92	12.071			
4,800.00	4,747.67	4,805.28	4,764.34	13.03	11.93	-137.67	211.06	-453.34	294.64	270.16	24.48	12.037			
4,900.00	4,846.44	4,894.54	4,863.46	13.35	12.18	-137.69	216.79	-463.68	300.60	275.59	25.01	12.017			
5,000.00	4,945.21	5,005.64	4,962.58	13.66	12.50	-137.72	222.52	-474.01	306.56	280.94	25.62	11.967			
5,100.00	5,043.98	5,105.81	5,061.70	13.98	12.79	-137.74	228.25	-484.35	312.52	286.33	26.19	11.931			
5,200.00	5,142.75	5,205.99	5,160.82	14.31	13.08	-137.76	233.98	-494.69	318.48	291.70	26.77	11.895			
5,300.00	5,241.52	5,293.83	5,259.94	14.63	13.33	-137.78	239.71	-505.03	324.44	297.12	27.32	11.875			
5,400.00	5,340.29	5,406.35	5,359.06	14.96	13.66	-137.81	245.44	-515.36	330.40	302.45	27.94	11.824			
5,500.00	5,439.06	5,506.52	5,458.18	15.28	13.95	-137.83	251.17	-525.70	336.36	307.82	28.53	11.788			
5,600.00	5,537.82	5,606.70	5,557.30	15.61	14.25	-137.85	256.90	-536.04	342.32	313.19	29.13	11.752			
5,700.00	5,636.59	5,706.88	5,656.42	15.94	14.54	-137.87	262.63	-546.38	348.27	318.55	29.72	11.717			
5,800.00	5,735.36	5,807.06	5,755.54	16.27	14.84	-137.88	268.36	-556.71	354.23	323.91	30.32	11.682			
5,900.00	5,834.13	5,907.24	5,854.66	16.61	15.14	-137.90	274.09	-567.05	360.19	329.27	30.92	11.648			
6,000.00	5,932.90	6,007.41	5,953.78	16.94	15.44	-137.92	279.82	-577.39	366.15	334.63	31.53	11.614			
6,100.00	6,031.67	6,107.59	6,052.90	17.27	15.74	-137.94	285.55	-587.72	372.11	339.98	32.13	11.580			
6,200.00	6,130.44	6,207.77	6,152.02	17.61	16.05	-137.95	291.28	-598.06	378.07	345.33	32.74	11.547			
6,300.00	6,229.21	6,307.95	6,251.14	17.95	16.35	-137.97	297.01	-608.40	384.03	350.68	33.35	11.515			
6,400.00	6,327.98	6,408.13	6,350.26	18.28	16.66	-137.98	302.74	-618.74	389.99	356.03	33.96	11.483			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft
Reference				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)
6,500.00	6,426.74	6,508.30	6,449.38	18.62	16.96	-138.00	308.47	-629.07	395.95	361.38	34.58	11.452
6,600.00	6,525.51	6,591.52	6,548.50	18.96	17.22	-138.01	314.20	-639.41	401.91	366.77	35.14	11.437
6,700.00	6,624.10	6,690.77	6,646.59	19.31	17.54	-123.21	319.85	-653.02	407.86	372.06	35.80	11.392
6,800.00	6,720.27	6,789.30	6,740.93	19.72	17.98	-107.20	325.20	-680.60	413.47	376.80	36.67	11.276
6,900.00	6,811.45	6,887.37	6,829.51	20.26	18.54	-100.25	330.12	-722.19	418.51	380.73	37.78	11.076
7,000.00	6,895.40	6,985.05	6,910.36	20.92	19.26	-96.36	334.50	-776.64	422.86	383.66	39.21	10.786
7,100.00	6,970.06	7,082.37	6,981.72	21.76	20.17	-93.90	338.26	-842.58	426.41	385.41	41.00	10.399
7,200.00	7,033.59	7,179.41	7,042.06	22.80	21.30	-92.26	341.32	-918.39	429.06	385.81	43.25	9.920
7,300.00	7,084.42	7,276.22	7,090.12	24.07	22.68	-91.18	343.60	-1,002.29	430.75	384.74	46.01	9.363
7,400.00	7,121.31	7,372.86	7,124.89	25.61	24.30	-90.53	345.07	-1,092.35	431.42	382.17	49.25	8.759
7,500.00	7,143.34	7,469.39	7,145.65	27.37	26.13	-90.24	345.70	-1,186.52	431.06	378.13	52.93	8.144
7,600.00	7,150.07	7,566.18	7,152.03	29.30	28.11	-90.25	345.47	-1,283.01	429.68	372.78	56.91	7.551
7,700.00	7,150.71	7,666.16	7,152.32	31.37	30.30	-90.21	344.86	-1,382.99	427.93	366.64	61.29	6.982
7,800.00	7,151.35	7,766.15	7,152.62	33.58	32.60	-90.16	344.26	-1,482.97	426.18	360.28	65.90	6.467
7,900.00	7,151.99	7,866.13	7,152.91	35.90	35.00	-90.12	343.65	-1,582.96	424.43	353.72	70.71	6.002
8,000.00	7,152.64	7,966.11	7,153.21	38.31	37.48	-90.07	343.04	-1,682.94	422.69	347.01	75.68	5.585
8,100.00	7,153.28	8,066.10	7,153.50	40.80	40.03	-90.02	342.43	-1,782.92	420.94	340.16	80.77	5.211
8,200.00	7,153.92	8,166.08	7,153.80	43.34	42.63	-89.98	341.83	-1,882.90	419.19	333.21	85.98	4.876
8,300.00	7,154.56	8,266.07	7,154.10	45.94	45.28	-89.93	341.22	-1,982.88	417.44	326.18	91.27	4.574
8,400.00	7,155.20	8,366.05	7,154.39	48.58	47.96	-89.88	340.61	-2,082.87	415.69	319.07	96.63	4.302
8,500.00	7,155.84	8,466.03	7,154.69	51.25	50.67	-89.83	340.01	-2,182.85	413.95	311.90	102.05	4.056
8,600.00	7,156.48	8,566.02	7,154.98	53.95	53.41	-89.78	339.40	-2,282.83	412.20	304.67	107.52	3.834
8,700.00	7,157.12	8,666.00	7,155.28	56.68	56.18	-89.74	338.79	-2,382.81	410.45	297.41	113.04	3.631
8,800.00	7,157.77	8,765.99	7,155.57	59.43	58.96	-89.69	338.19	-2,482.79	408.70	290.10	118.60	3.446
8,900.00	7,158.41	8,865.97	7,155.87	62.20	61.76	-89.64	337.58	-2,582.77	406.96	282.77	124.19	3.277
9,000.00	7,159.05	8,965.96	7,156.16	64.99	64.57	-89.59	336.97	-2,682.76	405.21	275.40	129.81	3.122
9,100.00	7,159.69	9,065.94	7,156.46	67.79	67.40	-89.53	336.36	-2,782.74	403.47	268.01	135.45	2.979
9,200.00	7,160.33	9,165.92	7,156.75	70.61	70.23	-89.48	335.76	-2,882.72	401.72	260.60	141.12	2.847
9,300.00	7,160.97	9,265.91	7,157.05	73.43	73.08	-89.43	335.15	-2,982.70	399.98	253.17	146.80	2.725
9,400.00	7,161.61	9,365.89	7,157.34	76.27	75.93	-89.38	334.54	-3,082.68	398.23	245.73	152.50	2.611
9,500.00	7,162.26	9,465.88	7,157.64	79.11	78.80	-89.33	333.94	-3,182.67	396.49	238.27	158.22	2.506
9,600.00	7,162.90	9,565.86	7,157.93	81.97	81.67	-89.27	333.33	-3,282.65	394.74	230.79	163.95	2.408
9,700.00	7,163.54	9,665.84	7,158.23	84.82	84.55	-89.22	332.72	-3,382.63	393.00	223.30	169.70	2.316
9,800.00	7,164.18	9,765.83	7,158.52	87.69	87.43	-89.17	332.12	-3,482.61	391.26	215.81	175.45	2.230
9,900.00	7,164.82	9,865.81	7,158.82	90.56	90.32	-89.11	331.51	-3,582.59	389.51	208.30	181.21	2.149
10,000.00	7,165.46	9,965.80	7,159.12	93.44	93.21	-89.06	330.90	-3,682.57	387.77	200.79	186.98	2.074
10,100.00	7,166.10	10,065.78	7,159.41	96.32	96.10	-89.00	330.30	-3,782.56	386.03	193.26	192.76	2.003
10,200.00	7,166.74	10,165.76	7,159.71	99.21	99.00	-88.94	329.69	-3,882.54	384.29	185.74	198.55	1.935
10,300.00	7,167.39	10,265.75	7,160.00	102.10	101.91	-88.89	329.08	-3,982.52	382.55	178.20	204.35	1.872
10,400.00	7,168.03	10,365.73	7,160.30	104.99	104.81	-88.83	328.47	-4,082.50	380.80	170.66	210.15	1.812
10,500.00	7,168.67	10,465.72	7,160.59	107.89	107.72	-88.77	327.87	-4,182.48	379.06	163.11	215.95	1.755
10,600.00	7,169.31	10,565.70	7,160.89	110.79	110.64	-88.71	327.26	-4,282.47	377.32	155.56	221.76	1.701
10,700.00	7,169.95	10,665.69	7,161.18	113.69	113.55	-88.66	326.65	-4,382.45	375.58	148.01	227.57	1.650
10,800.00	7,170.59	10,765.67	7,161.48	116.60	116.47	-88.60	326.05	-4,482.43	373.84	140.45	233.39	1.602
10,900.00	7,171.23	10,865.65	7,161.77	119.51	119.39	-88.54	325.44	-4,582.41	372.10	132.89	239.22	1.556
11,000.00	7,171.88	10,965.64	7,162.07	122.42	122.31	-88.48	324.83	-4,682.39	370.37	125.32	245.04	1.511
11,100.00	7,172.52	11,065.62	7,162.36	125.33	125.23	-88.42	324.23	-4,782.37	368.63	117.76	250.87	1.469 Level 3
11,200.00	7,173.16	11,165.61	7,162.66	128.25	128.16	-88.35	323.62	-4,882.36	366.89	110.19	256.70	1.429 Level 3
11,300.00	7,173.80	11,265.59	7,162.95	131.16	131.09	-88.29	323.01	-4,982.34	365.15	102.62	262.53	1.391 Level 3
11,400.00	7,174.44	11,365.57	7,163.25	134.08	134.01	-88.23	322.40	-5,082.32	363.41	95.04	268.37	1.354 Level 3
11,500.00	7,175.08	11,465.56	7,163.54	137.00	136.94	-88.17	321.80	-5,182.30	361.68	87.47	274.21	1.319 Level 3
11,600.00	7,175.72	11,565.54	7,163.84	139.92	139.87	-88.10	321.19	-5,282.28	359.94	79.89	280.05	1.285 Level 3
11,700.00	7,176.36	11,665.53	7,164.14	142.84	142.81	-88.04	320.58	-5,382.27	358.21	72.32	285.89	1.253 Level 3
11,800.00	7,177.01	11,765.51	7,164.43	145.77	145.74	-87.97	319.98	-5,482.25	356.47	64.74	291.73	1.222 Level 2
11,900.00	7,177.65	11,865.49	7,164.73	148.69	148.67	-87.91	319.37	-5,582.23	354.74	57.16	297.58	1.192 Level 2
12,000.00	7,178.29	11,965.48	7,165.02	151.62	151.61	-87.84	318.76	-5,682.21	353.00	49.58	303.42	1.163 Level 2
12,100.00	7,178.93	12,065.46	7,165.32	154.55	154.55	-87.77	318.16	-5,782.19	351.27	42.00	309.27	1.136 Level 2
12,200.00	7,179.57	12,165.45	7,165.61	157.48	157.48	-87.70	317.55	-5,882.17	349.53	34.42	315.12	1.109 Level 2
12,300.00	7,180.21	12,265.43	7,165.91	160.41	160.42	-87.64	316.94	-5,982.16	347.80	26.84	320.96	1.084 Level 2
12,400.00	7,180.85	12,365.42	7,166.20	163.34	163.36	-87.57	316.33	-6,082.14	346.07	19.26	326.81	1.059 Level 2
12,500.00	7,181.50	12,465.40	7,166.50	166.27	166.30	-87.50	315.73	-6,182.12	344.34	11.68	332.66	1.035 Level 2
12,600.00	7,182.14	12,565.38	7,166.79	169.20	169.24	-87.43	315.12	-6,282.10	342.61	4.10	338.51	1.012 Level 2
12,656.16	7,182.50	12,621.54	7,166.96	170.85	170.89	-87.40	314.78	-6,338.26	342.12	0.32	341.80	1.001 Level 2
12,700.00	7,182.78	12,665.38	7,167.09	172.14	172.18	-87.38	314.51	-6,382.09	342.48	-1.88	344.36	0.995 Level 1
12,800.00	7,183.42	12,765.37	7,167.38	175.09	175.12	-87.33	313.91	-6,482.08	343.83	-6.40	350.23	0.982 Level 1
12,900.00	7,184.06	12,865.36	7,167.68	178.03	178.07	-87.28	313.30	-6,582.07	345.18	-10.91	356.10	0.969 Level 1

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Separation Factor	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)	
13,000.00	7,184.70	12,965.35	7,167.97	180.98	181.01	-87.24	312.69	-6,682.06	346.54	-15.43	361.97	0.957 Level 1		
13,100.00	7,185.35	13,065.34	7,168.27	183.93	183.95	-87.19	312.09	-6,782.05	347.89	-19.95	367.84	0.946 Level 1		
13,200.00	7,185.99	13,165.33	7,168.56	186.88	186.90	-87.15	311.48	-6,882.04	349.24	-24.47	373.71	0.935 Level 1		
13,300.00	7,186.63	13,265.32	7,168.86	189.82	189.84	-87.10	310.87	-6,982.02	350.59	-28.98	379.57	0.924 Level 1		
13,400.00	7,187.27	13,365.31	7,169.15	192.77	192.79	-87.05	310.26	-7,082.01	351.95	-33.50	385.45	0.913 Level 1		
13,500.00	7,187.91	13,465.30	7,169.45	195.72	195.73	-87.01	309.66	-7,182.00	353.30	-38.02	391.32	0.903 Level 1		
13,600.00	7,188.55	13,565.29	7,169.75	198.67	198.68	-86.96	309.05	-7,281.99	354.65	-42.54	397.19	0.893 Level 1		
13,700.00	7,189.20	13,665.28	7,170.04	201.62	201.63	-86.92	308.44	-7,381.98	356.00	-47.05	403.06	0.883 Level 1		
13,800.00	7,189.84	13,765.27	7,170.34	204.57	204.57	-86.88	307.84	-7,481.96	357.36	-51.57	408.93	0.874 Level 1		
13,900.00	7,190.48	13,865.26	7,170.63	207.53	207.52	-86.83	307.23	-7,581.95	358.71	-56.09	414.80	0.865 Level 1		
14,000.00	7,191.12	13,965.25	7,170.93	210.48	210.47	-86.79	306.62	-7,681.94	360.07	-60.61	420.67	0.856 Level 1		
14,100.00	7,191.76	14,065.24	7,171.22	213.43	213.42	-86.75	306.02	-7,781.93	361.42	-65.13	426.55	0.847 Level 1		
14,200.00	7,192.40	14,165.24	7,171.52	216.38	216.37	-86.70	305.41	-7,881.92	362.77	-69.64	432.42	0.839 Level 1		
14,300.00	7,193.05	14,265.23	7,171.81	219.33	219.32	-86.66	304.80	-7,981.91	364.13	-74.16	438.29	0.831 Level 1		
14,400.00	7,193.69	14,365.22	7,172.11	222.29	222.27	-86.62	304.19	-8,081.89	365.48	-78.68	444.16	0.823 Level 1		
14,500.00	7,194.33	14,465.21	7,172.40	225.24	225.22	-86.58	303.59	-8,181.88	366.84	-83.20	450.04	0.815 Level 1		
14,600.00	7,194.97	14,565.20	7,172.70	228.20	228.17	-86.54	302.98	-8,281.87	368.19	-87.72	455.91	0.808 Level 1		
14,700.00	7,195.61	14,665.19	7,172.99	231.15	231.12	-86.50	302.37	-8,381.86	369.55	-92.23	461.78	0.800 Level 1		
14,800.00	7,196.26	14,765.18	7,173.29	234.10	234.07	-86.45	301.77	-8,481.85	370.90	-96.75	467.65	0.793 Level 1		
14,900.00	7,196.90	14,865.17	7,173.58	237.06	237.02	-86.41	301.16	-8,581.83	372.26	-101.27	473.53	0.786 Level 1		
15,000.00	7,197.54	14,965.16	7,173.88	240.01	239.97	-86.37	300.55	-8,681.82	373.62	-105.78	479.40	0.779 Level 1		
15,100.00	7,198.18	15,065.15	7,174.18	242.97	242.92	-86.33	299.95	-8,781.81	374.97	-110.30	485.27	0.773 Level 1		
15,200.00	7,198.82	15,165.14	7,174.47	245.92	245.87	-86.29	299.34	-8,881.80	376.33	-114.82	491.14	0.766 Level 1		
15,300.00	7,199.46	15,265.13	7,174.77	248.88	248.82	-86.25	298.73	-8,981.79	377.68	-119.33	497.02	0.760 Level 1		
15,400.00	7,200.11	15,365.12	7,175.06	251.84	251.77	-86.22	298.12	-9,081.78	379.04	-123.85	502.89	0.754 Level 1		
15,500.00	7,200.75	15,465.11	7,175.36	254.79	254.73	-86.18	297.52	-9,181.76	380.40	-128.36	508.76	0.748 Level 1		
15,600.00	7,201.39	15,565.10	7,175.65	257.75	257.68	-86.14	296.91	-9,281.75	381.75	-132.88	514.63	0.742 Level 1		
15,700.00	7,202.03	15,665.09	7,175.95	260.70	260.63	-86.10	296.30	-9,381.74	383.11	-137.39	520.50	0.736 Level 1		
15,800.00	7,202.67	15,765.08	7,176.24	263.66	263.58	-86.06	295.70	-9,481.73	384.47	-141.91	526.38	0.730 Level 1		
15,900.00	7,203.32	15,865.07	7,176.54	266.62	266.54	-86.02	295.09	-9,581.72	385.83	-146.42	532.25	0.725 Level 1		
16,000.00	7,203.96	15,965.06	7,176.83	269.57	269.49	-85.99	294.48	-9,681.70	387.18	-150.94	538.12	0.720 Level 1		
16,100.00	7,204.60	16,065.05	7,177.13	272.53	272.44	-85.95	293.88	-9,781.69	388.54	-155.45	543.99	0.714 Level 1		
16,200.00	7,205.24	16,165.04	7,177.42	275.49	275.40	-85.91	293.27	-9,881.68	389.90	-159.96	549.86	0.709 Level 1		
16,300.00	7,205.88	16,265.03	7,177.72	278.45	278.35	-85.88	292.66	-9,981.67	391.26	-164.47	555.73	0.704 Level 1		
16,400.00	7,206.52	16,365.03	7,178.01	281.40	281.30	-85.84	292.05	-10,081.66	392.62	-168.99	561.60	0.699 Level 1		
16,500.00	7,207.17	16,465.02	7,178.31	284.36	284.26	-85.80	291.45	-10,181.65	393.97	-173.50	567.47	0.694 Level 1		
16,600.00	7,207.81	16,565.01	7,178.60	287.32	287.21	-85.77	290.84	-10,281.63	395.33	-178.01	573.34	0.690 Level 1		
16,700.00	7,208.45	16,665.00	7,178.90	290.28	290.17	-85.73	290.23	-10,381.62	396.69	-182.52	579.21	0.685 Level 1		
16,800.00	7,209.09	16,764.99	7,179.20	293.24	293.12	-85.70	289.63	-10,481.61	398.05	-187.03	585.08	0.680 Level 1		
16,900.00	7,209.73	16,864.98	7,179.49	296.20	296.08	-85.66	289.02	-10,581.60	399.41	-191.54	590.95	0.676 Level 1		
17,000.00	7,210.38	16,964.97	7,179.79	299.15	299.03	-85.63	288.41	-10,681.59	400.77	-196.05	596.82	0.672 Level 1		
17,100.00	7,211.02	17,064.96	7,180.08	302.11	301.99	-85.59	287.81	-10,781.57	402.13	-200.56	602.69	0.667 Level 1		
17,200.00	7,211.66	17,164.95	7,180.38	305.07	304.94	-85.56	287.20	-10,881.56	403.49	-205.07	608.56	0.663 Level 1		
17,300.00	7,212.30	17,264.94	7,180.67	308.03	307.90	-85.52	286.59	-10,981.55	404.85	-209.58	614.43	0.659 Level 1		
17,400.00	7,212.94	17,364.93	7,180.97	310.99	310.85	-85.49	285.98	-11,081.54	406.21	-214.09	620.29	0.655 Level 1		
17,409.36	7,213.00	17,374.29	7,180.99	311.26	311.13	-85.49	285.93	-11,090.90	406.33	-214.50	620.83	0.654 Level 1, ES, SF		

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference				Offset			Semi Major Axis			Distance			Separation Factor	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)				
0.00	0.00	0.00	0.00	3.28	3.28	-179.20	-20.04	-0.28	20.04						
100.00	100.00	100.00	100.00	3.28	3.28	-179.20	-20.04	-0.28	20.04	12.52	7.53	2.663			
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-20.04	-0.28	20.04	12.47	7.57	2.648			
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-20.04	-0.28	20.04	12.47	7.57	2.648 CC			
300.00	300.00	300.20	300.20	3.35	3.35	-137.31	-19.79	-0.64	20.12	12.46	7.65	2.628			
400.00	399.93	400.59	400.52	3.41	3.41	-135.85	-17.75	-3.50	20.71	12.93	7.78	2.662			
500.00	499.68	500.97	500.65	3.50	3.50	-133.16	-13.68	-9.23	21.93	13.98	7.95	2.758			
600.00	599.13	601.33	600.45	3.62	3.61	-129.66	-7.58	-17.82	23.83	15.66	8.17	2.916			
700.00	698.15	701.35	699.64	3.76	3.75	-127.93	-0.11	-28.32	26.93	18.47	8.46	3.185			
800.00	796.92	801.26	798.71	3.93	3.92	-129.05	7.40	-38.88	31.08	22.29	8.79	3.538			
900.00	895.69	901.18	897.77	4.12	4.10	-129.91	14.90	-49.44	35.24	26.08	9.16	3.849			
1,000.00	994.46	1,001.09	996.84	4.34	4.31	-130.59	22.40	-60.00	39.40	29.84	9.56	4.120			
1,100.00	1,093.23	1,101.00	1,095.91	4.58	4.53	-131.14	29.91	-70.56	43.57	33.57	10.00	4.357			
1,200.00	1,192.00	1,200.91	1,194.98	4.83	4.76	-131.59	37.41	-81.12	47.75	37.28	10.47	4.562			
1,300.00	1,290.76	1,300.82	1,294.05	5.09	5.01	-131.97	44.92	-91.68	51.92	40.97	10.95	4.740			
1,400.00	1,389.53	1,400.74	1,393.12	5.37	5.26	-132.29	52.42	-102.24	56.10	44.64	11.46	4.895			
1,500.00	1,488.30	1,500.65	1,492.19	5.66	5.53	-132.57	59.93	-112.80	60.28	48.29	11.99	5.029			
1,600.00	1,587.07	1,600.56	1,591.26	5.95	5.80	-132.81	67.43	-123.36	64.46	51.94	12.53	5.146			
1,700.00	1,685.84	1,700.47	1,690.32	6.25	6.08	-133.02	74.94	-133.92	68.64	55.57	13.08	5.249			
1,800.00	1,784.61	1,800.39	1,789.39	6.42	6.23	-133.21	82.44	-144.48	72.83	59.83	12.99	5.605			
1,900.00	1,883.38	1,900.30	1,888.46	6.46	6.26	-133.38	89.94	-155.04	77.01	63.96	13.05	5.902			
2,000.00	1,982.15	2,000.21	1,987.53	6.52	6.31	-133.53	97.45	-165.60	81.19	68.06	13.14	6.180			
2,100.00	2,080.92	2,100.12	2,086.60	6.59	6.38	-133.66	104.95	-176.16	85.38	72.12	13.26	6.437			
2,200.00	2,179.68	2,200.03	2,185.67	6.69	6.46	-133.79	112.46	-186.72	89.56	76.14	13.42	6.672			
2,300.00	2,278.45	2,300.05	2,284.74	6.81	6.56	-133.90	119.96	-197.28	93.75	80.13	13.62	6.886			
2,400.00	2,377.22	2,400.14	2,383.81	6.94	6.68	-134.00	127.47	-207.84	97.94	84.10	13.84	7.077			
2,500.00	2,475.99	2,500.23	2,482.87	7.08	6.81	-134.09	134.97	-218.40	102.12	88.03	14.09	7.247			
2,600.00	2,574.76	2,600.32	2,581.94	7.25	6.95	-134.18	142.48	-228.96	106.31	91.94	14.37	7.397			
2,700.00	2,673.53	2,700.40	2,681.01	7.42	7.11	-134.26	149.98	-239.52	110.49	95.82	14.68	7.528			
2,800.00	2,772.30	2,800.49	2,780.08	7.61	7.28	-134.33	157.48	-250.08	114.68	99.67	15.01	7.641			
2,900.00	2,871.07	2,900.58	2,879.15	7.82	7.46	-134.40	164.99	-260.64	118.87	103.50	15.36	7.737			
3,000.00	2,969.83	3,000.67	2,978.22	8.03	7.65	-134.47	172.49	-271.20	123.05	107.32	15.74	7.819			
3,100.00	3,068.60	3,100.76	3,077.29	8.25	7.86	-134.53	180.00	-281.76	127.24	111.11	16.13	7.887			
3,200.00	3,167.37	3,199.16	3,176.36	8.48	8.06	-134.58	187.50	-292.32	131.43	114.89	16.54	7.945			
3,300.00	3,266.14	3,300.93	3,275.43	8.73	8.29	-134.64	195.01	-302.88	135.62	118.64	16.98	7.989			
3,400.00	3,364.91	3,401.02	3,374.49	8.98	8.51	-134.69	202.51	-313.44	139.80	122.38	17.42	8.025			
3,500.00	3,463.68	3,501.11	3,473.56	9.23	8.75	-134.73	210.01	-324.00	143.99	126.11	17.88	8.053			
3,600.00	3,562.45	3,601.19	3,572.63	9.50	8.99	-134.78	217.52	-334.56	148.18	129.82	18.35	8.074			
3,700.00	3,661.22	3,701.28	3,671.70	9.77	9.23	-134.82	225.02	-345.12	152.37	133.53	18.84	8.088			
3,800.00	3,759.99	3,801.37	3,770.77	10.04	9.49	-134.86	232.53	-355.68	156.55	137.22	19.33	8.097			
3,900.00	3,858.75	3,901.46	3,869.84	10.32	9.74	-134.90	240.03	-366.24	160.74	140.90	19.84	8.101			
4,000.00	3,957.52	4,001.55	3,968.91	10.61	10.00	-134.93	247.54	-376.80	164.93	144.57	20.36	8.102			
4,100.00	4,056.29	4,101.63	4,067.98	10.90	10.27	-134.96	255.04	-387.36	169.12	148.23	20.88	8.098			
4,200.00	4,155.06	4,201.72	4,167.04	11.19	10.54	-135.00	262.55	-397.92	173.31	151.89	21.42	8.092			
4,300.00	4,253.83	4,298.19	4,266.11	11.49	10.81	-135.03	270.05	-408.48	177.49	155.55	21.95	8.087			
4,400.00	4,352.60	4,401.90	4,365.18	11.79	11.09	-135.06	277.55	-419.04	181.68	159.18	22.50	8.073			
4,500.00	4,451.37	4,501.98	4,464.25	12.10	11.37	-135.08	285.06	-429.60	185.87	162.81	23.06	8.061			
4,600.00	4,550.14	4,602.07	4,563.32	12.41	11.66	-135.11	292.56	-440.15	190.06	166.44	23.62	8.047			
4,700.00	4,648.91	4,702.16	4,662.39	12.72	11.94	-135.14	300.07	-450.71	194.25	170.06	24.19	8.032			
4,800.00	4,747.67	4,797.75	4,761.46	13.03	12.22	-135.16	307.57	-461.27	198.43	173.69	24.74	8.020			
4,900.00	4,846.44	4,902.34	4,860.53	13.35	12.52	-135.18	315.08	-471.83	202.62	177.29	25.33	7.999			
5,000.00	4,945.21	4,997.58	4,959.59	13.66	12.80	-135.21	322.58	-482.39	206.81	180.91	25.90	7.985			
5,100.00	5,043.98	5,102.51	5,058.66	13.98	13.11	-135.23	330.09	-492.95	211.00	184.50	26.50	7.963			
5,200.00	5,142.75	5,197.40	5,157.73	14.31	13.40	-135.25	337.59	-503.51	215.19	188.12	27.07	7.949			
5,300.00	5,241.52	5,297.31	5,256.80	14.63	13.70	-135.27	345.09	-514.07	219.38	191.71	27.66	7.931			
5,400.00	5,340.29	5,397.23	5,355.87	14.96	14.00	-135.29	352.60	-524.63	223.57	195.31	28.26	7.912			
5,500.00	5,439.06	5,502.86	5,454.94	15.28	14.32	-135.31	360.10	-535.19	227.75	198.88	28.87	7.888			
5,600.00	5,537.82	5,602.95	5,554.01	15.61	14.62	-135.32	367.61	-545.75	231.94	202.47	29.47	7.869			
5,700.00	5,636.59	5,703.04	5,653.08	15.94	14.93	-135.34	375.11	-556.31	236.13	206.05	30.08	7.850			
5,800.00	5,735.36	5,803.13	5,752.15	16.27	15.23	-135.36	382.62	-566.87	240.32	209.63	30.69	7.832			
5,900.00	5,834.13	5,903.21	5,851.21	16.61	15.54	-135.37	390.12	-577.43	244.51	213.21	31.30	7.813			
6,000.00	5,932.90	6,003.30	5,950.28	16.94	15.85	-135.39	397.63	-587.99	248.70	216.79	31.91	7.794			
6,100.00	6,031.67	6,103.39	6,049.35	17.27	16.16	-135.40	405.13	-598.55	252.89	220.36	32.52	7.776			
6,200.00	6,130.44	6,203.48	6,148.42	17.61	16.47	-135.42	412.63	-609.11	257.07	223.94	33.14	7.758			
6,300.00	6,229.21	6,303.57	6,247.49	17.95	16.79	-135.43	420.14	-619.67	261.26	227.51	33.76	7.739			
6,400.00	6,327.98	6,403.65	6,346.56	18.28	17.10	-135.45	427.64	-630.23	265.45	231.07	34.38	7.722			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference				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
6,500.00	6,426.74	6,495.15	6,444.27	18.62	17.40	-135.05	435.05	-642.58	269.74	234.73	35.01	7.704	
6,600.00	6,525.51	6,590.57	6,536.17	18.96	17.80	-132.04	442.06	-666.96	275.19	239.24	35.96	7.654	
6,700.00	6,624.10	6,680.26	6,618.33	19.31	18.29	-112.34	448.36	-702.19	283.75	246.67	37.08	7.653	
6,800.00	6,720.27	6,766.12	6,691.61	19.72	18.88	-91.71	454.03	-746.44	294.55	256.37	38.18	7.715	
6,900.00	6,811.45	6,849.36	6,756.37	20.26	19.56	-80.78	459.08	-798.40	306.25	267.01	39.24	7.805	
7,000.00	6,895.40	6,930.46	6,812.44	20.92	20.39	-73.55	463.49	-856.74	317.93	277.63	40.30	7.889	
7,100.00	6,970.06	7,009.82	6,859.72	21.76	21.36	-68.32	467.26	-920.31	328.80	287.39	41.40	7.942	
7,200.00	7,033.59	7,087.81	6,898.15	22.80	22.47	-64.45	470.37	-988.05	338.19	295.58	42.61	7.937	
7,300.00	7,084.42	7,164.74	6,927.69	24.07	23.73	-61.62	472.82	-1,058.99	345.60	301.62	43.98	7.858	
7,400.00	7,121.31	7,240.87	6,948.31	25.61	25.12	-59.66	474.60	-1,132.21	350.64	305.08	45.56	7.696	
7,500.00	7,143.34	7,316.48	6,960.03	27.37	26.61	-58.46	475.72	-1,206.85	353.07	305.69	47.37	7.453	
7,600.00	7,150.07	7,404.02	6,962.97	29.30	28.43	-57.94	476.20	-1,286.25	352.67	302.90	49.77	7.086	
7,700.00	7,150.71	7,504.06	6,962.82	31.37	30.64	-57.60	476.50	-1,386.21	350.84	297.60	53.24	6.589	
7,800.00	7,151.35	7,604.10	6,962.67	33.58	32.97	-57.26	476.80	-1,486.17	349.03	292.12	56.91	6.133	
7,900.00	7,151.99	7,704.14	6,962.51	35.90	35.40	-56.91	477.11	-1,586.13	347.23	286.50	60.73	5.718	
8,000.00	7,152.64	7,804.18	6,962.36	38.31	37.90	-56.56	477.41	-1,686.09	345.44	280.79	64.65	5.343	
8,100.00	7,153.28	7,904.22	6,962.21	40.80	40.47	-56.21	477.71	-1,786.05	343.66	275.00	68.66	5.005	
8,200.00	7,153.92	8,004.26	6,962.06	43.34	43.09	-55.85	478.02	-1,886.01	341.90	269.17	72.73	4.701	
8,300.00	7,154.56	8,104.29	6,961.90	45.94	45.75	-55.49	478.32	-1,985.97	340.15	263.31	76.84	4.427	
8,400.00	7,155.20	8,204.33	6,961.75	48.58	48.45	-55.12	478.62	-2,085.93	338.42	257.44	80.98	4.179	
8,500.00	7,155.84	8,304.37	6,961.60	51.25	51.17	-54.75	478.93	-2,185.89	336.70	251.56	85.14	3.955	
8,600.00	7,156.48	8,404.41	6,961.45	53.95	53.93	-54.38	479.23	-2,285.86	334.99	245.70	89.29	3.752	
8,700.00	7,157.12	8,504.45	6,961.29	56.68	56.70	-54.00	479.53	-2,385.82	333.30	239.85	93.45	3.567	
8,800.00	7,157.77	8,604.49	6,961.14	59.43	59.49	-53.62	479.84	-2,485.78	331.62	234.03	97.59	3.398	
8,900.00	7,158.41	8,704.53	6,960.99	62.20	62.30	-53.24	480.14	-2,585.74	329.96	228.24	101.72	3.244	
9,000.00	7,159.05	8,804.56	6,960.84	64.99	65.12	-52.85	480.44	-2,685.70	328.31	222.49	105.83	3.102	
9,100.00	7,159.69	8,904.60	6,960.68	67.79	67.96	-52.46	480.75	-2,785.66	326.68	216.78	109.90	2.972	
9,200.00	7,160.33	9,004.64	6,960.53	70.61	70.80	-52.06	481.05	-2,885.62	325.06	211.11	113.95	2.853	
9,300.00	7,160.97	9,104.68	6,960.38	73.43	73.66	-51.66	481.35	-2,985.58	323.46	205.50	117.96	2.742	
9,400.00	7,161.61	9,204.72	6,960.22	76.27	76.52	-51.25	481.66	-3,085.54	321.88	199.94	121.93	2.640	
9,500.00	7,162.26	9,304.76	6,960.07	79.11	79.39	-50.85	481.96	-3,185.50	320.31	194.44	125.86	2.545	
9,600.00	7,162.90	9,404.79	6,959.92	81.97	82.27	-50.43	482.26	-3,285.46	318.75	189.00	129.75	2.457	
9,700.00	7,163.54	9,504.83	6,959.77	84.82	85.15	-50.02	482.57	-3,385.43	317.22	183.63	133.59	2.375	
9,800.00	7,164.18	9,604.87	6,959.61	87.69	88.04	-49.60	482.87	-3,485.39	315.70	178.32	137.38	2.298	
9,900.00	7,164.82	9,704.91	6,959.46	90.56	90.94	-49.17	483.17	-3,585.35	314.20	173.09	141.11	2.227	
10,000.00	7,165.46	9,804.95	6,959.31	93.44	93.83	-48.74	483.48	-3,685.31	312.71	167.92	144.79	2.160	
10,100.00	7,166.10	9,904.99	6,959.16	96.32	96.74	-48.31	483.78	-3,785.27	311.25	162.83	148.42	2.097	
10,200.00	7,166.74	10,005.03	6,959.00	99.21	99.64	-47.88	484.08	-3,885.23	309.80	157.81	151.98	2.038	
10,300.00	7,167.39	10,105.06	6,958.85	102.10	102.55	-47.43	484.39	-3,985.19	308.37	152.88	155.49	1.983	
10,400.00	7,168.03	10,205.10	6,958.70	104.99	105.47	-46.99	484.69	-4,085.15	306.95	148.03	158.93	1.931	
10,500.00	7,168.67	10,305.14	6,958.55	107.89	108.38	-46.54	484.99	-4,185.11	305.56	143.26	162.30	1.883	
10,600.00	7,169.31	10,405.18	6,958.39	110.79	111.30	-46.09	485.30	-4,285.07	304.18	138.57	165.61	1.837	
10,700.00	7,169.95	10,505.22	6,958.24	113.69	114.22	-45.63	485.60	-4,385.03	302.83	133.98	168.85	1.793	
10,800.00	7,170.59	10,605.26	6,958.09	116.60	117.14	-45.17	485.90	-4,485.00	301.49	129.47	172.02	1.753	
10,900.00	7,171.23	10,705.30	6,957.94	119.51	120.07	-44.71	486.21	-4,584.96	300.18	125.06	175.12	1.714	
11,000.00	7,171.88	10,805.33	6,957.78	122.42	123.00	-44.24	486.51	-4,684.92	298.88	120.74	178.14	1.678	
11,100.00	7,172.52	10,905.37	6,957.63	125.33	125.92	-43.76	486.81	-4,784.88	297.60	116.52	181.09	1.643	
11,200.00	7,173.16	11,005.41	6,957.48	128.25	128.85	-43.29	487.12	-4,884.84	296.35	112.39	183.96	1.611	
11,300.00	7,173.80	11,105.45	6,957.33	131.16	131.79	-42.80	487.42	-4,984.80	295.11	108.37	186.75	1.580	
11,400.00	7,174.44	11,205.49	6,957.17	134.08	134.72	-42.32	487.72	-5,084.76	293.90	104.44	189.46	1.551	
11,500.00	7,175.08	11,305.53	6,957.02	137.00	137.66	-41.83	488.03	-5,184.72	292.71	100.62	192.09	1.524	
11,600.00	7,175.72	11,405.56	6,956.87	139.92	140.59	-41.34	488.33	-5,284.68	291.54	96.90	194.63	1.498 Level 3	
11,700.00	7,176.36	11,505.60	6,956.71	142.84	143.53	-40.84	488.63	-5,384.64	290.39	93.29	197.09	1.473 Level 3	
11,800.00	7,177.01	11,605.64	6,956.56	145.77	146.47	-40.34	488.94	-5,484.60	289.26	89.79	199.47	1.450 Level 3	
11,900.00	7,177.65	11,705.68	6,956.41	148.69	149.41	-39.83	489.24	-5,584.57	288.15	86.40	201.76	1.428 Level 3	
12,000.00	7,178.29	11,805.72	6,956.26	151.62	152.35	-39.32	489.54	-5,684.53	287.07	83.11	203.96	1.408 Level 3	
12,100.00	7,178.93	11,905.76	6,956.10	154.55	155.29	-38.81	489.85	-5,784.49	286.01	79.94	206.07	1.388 Level 3	
12,200.00	7,179.57	12,005.80	6,955.95	157.48	158.23	-38.30	490.15	-5,884.45	284.97	76.89	208.09	1.370 Level 3	
12,300.00	7,180.21	12,105.83	6,955.80	160.41	161.17	-37.78	490.45	-5,984.41	283.96	73.95	210.01	1.352 Level 3	
12,400.00	7,180.85	12,205.87	6,955.65	163.34	164.12	-37.25	490.76	-6,084.37	282.97	71.12	211.85	1.336 Level 3	
12,500.00	7,181.50	12,305.91	6,955.49	166.27	167.06	-36.72	491.06	-6,184.33	282.01	68.42	213.59	1.320 Level 3	
12,600.00	7,182.14	12,405.95	6,955.34	169.20	170.01	-36.19	491.36	-6,284.29	281.06	65.83	215.23	1.306 Level 3	
12,650.75	7,182.46	12,444.79	6,955.26	170.69	171.15	-36.00	491.52	-6,335.03	280.83	64.75	216.08	1.300 Level 3	
12,700.00	7,182.78	12,505.96	6,955.19	172.14	172.95	-35.94	491.67	-6,384.28	281.09	63.21	217.87	1.290 Level 3	
12,800.00	7,183.42	12,605.97	6,955.04	175.09	175.90	-35.91	491.97	-6,484.27	281.98	60.49	221.49	1.273 Level 3	
12,900.00	7,184.06	12,705.97	6,954.88	178.03	178.85	-35.89	492.27	-6,584.27	282.87	57.76	225.11	1.257 Level 3	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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
13,000.00	7,184.70	12,805.98	6,954.73	180.98	181.79	-35.86	492.58	-6,684.26	283.77	55.04	228.73	1.241	Level 2
13,100.00	7,185.35	12,905.98	6,954.58	183.93	184.74	-35.84	492.88	-6,784.26	284.66	52.32	232.34	1.225	Level 2
13,200.00	7,185.99	13,005.98	6,954.43	186.88	187.69	-35.81	493.18	-6,884.26	285.55	49.60	235.95	1.210	Level 2
13,300.00	7,186.63	13,105.99	6,954.27	189.82	190.64	-35.79	493.49	-6,984.25	286.45	46.88	239.57	1.196	Level 2
13,400.00	7,187.27	13,205.99	6,954.12	192.77	193.59	-35.77	493.79	-7,084.25	287.34	44.17	243.17	1.182	Level 2
13,500.00	7,187.91	13,306.00	6,953.97	195.72	196.54	-35.74	494.09	-7,184.24	288.24	41.45	246.78	1.168	Level 2
13,600.00	7,188.55	13,406.00	6,953.81	198.67	199.49	-35.72	494.40	-7,284.24	289.13	38.74	250.39	1.155	Level 2
13,700.00	7,189.20	13,494.00	6,953.66	201.62	202.08	-35.70	494.70	-7,384.23	290.02	36.25	253.77	1.143	Level 2
13,800.00	7,189.84	13,606.01	6,953.51	204.57	205.39	-35.67	495.00	-7,484.23	290.92	33.32	257.59	1.129	Level 2
13,900.00	7,190.48	13,706.01	6,953.36	207.53	208.34	-35.65	495.31	-7,584.22	291.81	30.62	261.20	1.117	Level 2
14,000.00	7,191.12	13,806.02	6,953.20	210.48	211.29	-35.63	495.61	-7,684.22	292.70	27.91	264.79	1.105	Level 2
14,100.00	7,191.76	13,906.02	6,953.05	213.43	214.24	-35.61	495.92	-7,784.21	293.60	25.21	268.39	1.094	Level 2
14,200.00	7,192.40	14,006.02	6,952.90	216.38	217.19	-35.58	496.22	-7,884.21	294.49	22.51	271.99	1.083	Level 2
14,300.00	7,193.05	14,093.97	6,952.75	219.33	219.79	-35.56	496.52	-7,984.20	295.39	20.03	275.36	1.073	Level 2
14,400.00	7,193.69	14,206.03	6,952.59	222.29	223.10	-35.54	496.83	-8,084.20	296.28	17.11	279.17	1.061	Level 2
14,500.00	7,194.33	14,306.04	6,952.44	225.24	226.05	-35.52	497.13	-8,184.19	297.18	14.41	282.76	1.051	Level 2
14,600.00	7,194.97	14,406.04	6,952.29	228.20	229.01	-35.49	497.43	-8,284.19	298.07	11.72	286.35	1.041	Level 2
14,700.00	7,195.61	14,506.04	6,952.14	231.15	231.96	-35.47	497.74	-8,384.19	298.96	9.03	289.93	1.031	Level 2
14,800.00	7,196.26	14,606.05	6,951.98	234.10	234.91	-35.45	498.04	-8,484.18	299.86	6.34	293.52	1.022	Level 2
14,900.00	7,196.90	14,706.05	6,951.83	237.06	237.87	-35.43	498.34	-8,584.18	300.75	3.65	297.10	1.012	Level 2
15,000.00	7,197.54	14,806.06	6,951.68	240.01	240.82	-35.41	498.65	-8,684.17	301.65	0.97	300.68	1.003	Level 2
15,100.00	7,198.18	14,906.06	6,951.52	242.97	243.78	-35.39	498.95	-8,784.17	302.54	-1.72	304.26	0.994	Level 1
15,200.00	7,198.82	15,006.07	6,951.37	245.92	246.73	-35.36	499.25	-8,884.16	303.44	-4.40	307.84	0.986	Level 1
15,300.00	7,199.46	15,106.07	6,951.22	248.88	249.69	-35.34	499.56	-8,984.16	304.33	-7.08	311.41	0.977	Level 1
15,400.00	7,200.11	15,206.07	6,951.07	251.84	252.64	-35.32	499.86	-9,084.15	305.23	-9.76	314.99	0.969	Level 1
15,500.00	7,200.75	15,306.08	6,950.91	254.79	255.60	-35.30	500.16	-9,184.15	306.12	-12.44	318.56	0.961	Level 1
15,600.00	7,201.39	15,406.08	6,950.76	257.75	258.55	-35.28	500.47	-9,284.14	307.01	-15.11	322.13	0.953	Level 1
15,700.00	7,202.03	15,506.09	6,950.61	260.70	261.51	-35.26	500.77	-9,384.14	307.91	-17.79	325.70	0.945	Level 1
15,800.00	7,202.67	15,606.09	6,950.46	263.66	264.47	-35.24	501.07	-9,484.13	308.80	-20.46	329.26	0.938	Level 1
15,900.00	7,203.32	15,706.09	6,950.30	266.62	267.42	-35.22	501.38	-9,584.13	309.70	-23.13	332.83	0.931	Level 1
16,000.00	7,203.96	15,806.10	6,950.15	269.57	270.38	-35.20	501.68	-9,684.13	310.59	-25.79	336.39	0.923	Level 1
16,100.00	7,204.60	15,906.10	6,950.00	272.53	273.34	-35.18	501.98	-9,784.12	311.49	-28.46	339.95	0.916	Level 1
16,200.00	7,205.24	16,006.11	6,949.85	275.49	276.29	-35.16	502.29	-9,884.12	312.38	-31.12	343.51	0.909	Level 1
16,300.00	7,205.88	16,106.11	6,949.69	278.45	279.25	-35.14	502.59	-9,984.11	313.28	-33.79	347.06	0.903	Level 1
16,400.00	7,206.52	16,206.11	6,949.54	281.40	282.21	-35.12	502.89	-10,084.11	314.17	-36.45	350.62	0.896	Level 1
16,500.00	7,207.17	16,306.12	6,949.39	284.36	285.17	-35.10	503.20	-10,184.10	315.07	-39.11	354.17	0.890	Level 1
16,600.00	7,207.81	16,406.12	6,949.24	287.32	288.12	-35.08	503.50	-10,284.10	315.96	-41.76	357.73	0.883	Level 1
16,700.00	7,208.45	16,506.13	6,949.08	290.28	291.08	-35.06	503.81	-10,384.09	316.86	-44.42	361.28	0.877	Level 1
16,800.00	7,209.09	16,606.13	6,948.93	293.24	294.04	-35.04	504.11	-10,484.09	317.75	-47.07	364.82	0.871	Level 1
16,900.00	7,209.73	16,706.13	6,948.78	296.20	297.00	-35.02	504.41	-10,584.08	318.65	-49.72	368.37	0.865	Level 1
17,000.00	7,210.38	16,806.14	6,948.62	299.15	299.95	-35.00	504.72	-10,684.08	319.54	-52.37	371.92	0.859	Level 1
17,100.00	7,211.02	16,906.14	6,948.47	302.11	302.91	-34.98	505.02	-10,784.07	320.44	-55.02	375.46	0.853	Level 1
17,200.00	7,211.66	17,006.15	6,948.32	305.07	305.87	-34.96	505.32	-10,884.07	321.34	-57.67	379.00	0.848	Level 1
17,300.00	7,212.30	17,106.15	6,948.17	308.03	308.83	-34.95	505.63	-10,984.06	322.23	-60.31	382.54	0.842	Level 1
17,400.00	7,212.94	17,193.85	6,948.01	310.99	311.42	-34.93	505.93	-11,084.06	323.13	-62.73	385.85	0.837	Level 1
17,409.36	7,213.00	17,203.20	6,948.00	311.26	311.70	-34.92	505.96	-11,093.42	323.21	-62.95	386.16	0.837	Level 1, ES, SF

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance		Minimum Separation		Separation Factor	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	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.54	-139.89	-1.11	139.89					
100.00	100.00	100.00	100.00	3.28	3.28	-179.54	-139.89	-1.11	139.89	132.37	7.53	18.585		
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.89	-1.11	139.89	132.33	7.57	18.484		
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.89	-1.11	139.89	132.33	7.57	18.484	CC, ES	
300.00	300.00	298.36	298.36	3.35	3.34	-137.83	-140.17	-1.41	140.51	132.86	7.65	18.364	SF	
400.00	399.93	394.91	394.85	3.41	3.40	-137.73	-142.40	-3.78	145.42	137.65	7.77	18.718		
500.00	499.68	490.95	490.66	3.50	3.47	-137.53	-146.82	-8.50	155.23	147.30	7.93	19.568		
600.00	599.13	586.13	585.36	3.62	3.57	-137.27	-153.37	-15.47	169.88	161.74	8.14	20.864		
700.00	698.15	681.52	679.91	3.76	3.70	-136.99	-161.98	-24.64	189.20	180.79	8.40	22.515		
800.00	796.92	779.27	776.71	3.93	3.86	-137.17	-171.29	-34.55	210.28	201.57	8.71	24.132		
900.00	895.69	877.02	873.51	4.12	4.04	-137.31	-180.60	-44.47	231.36	222.30	9.06	25.538		
1,000.00	994.46	974.77	970.31	4.34	4.25	-137.43	-189.92	-54.39	252.45	243.01	9.44	26.738		
1,100.00	1,093.23	1,072.52	1,067.11	4.58	4.47	-137.53	-199.23	-64.30	273.53	263.68	9.85	27.756		
1,200.00	1,192.00	1,170.27	1,163.91	4.83	4.71	-137.61	-208.54	-74.22	294.62	284.33	10.30	28.616		
1,300.00	1,290.76	1,268.02	1,260.71	5.09	4.96	-137.69	-217.86	-84.14	315.71	304.95	10.76	29.341		
1,400.00	1,389.53	1,365.77	1,357.51	5.37	5.23	-137.75	-227.17	-94.05	336.80	325.55	11.24	29.951		
1,500.00	1,488.30	1,463.52	1,454.31	5.66	5.50	-137.81	-236.48	-103.97	357.88	346.14	11.75	30.467		
1,600.00	1,587.07	1,561.28	1,551.11	5.95	5.78	-137.86	-245.79	-113.89	378.97	366.71	12.26	30.899		
1,700.00	1,685.84	1,659.03	1,647.91	6.25	6.07	-137.91	-255.11	-123.81	400.06	387.26	12.80	31.264		
1,800.00	1,784.61	1,756.78	1,744.71	6.42	6.28	-137.95	-264.42	-133.72	421.15	408.22	12.93	32.568		
1,900.00	1,883.38	1,854.53	1,841.51	6.46	6.37	-137.99	-273.73	-143.64	442.24	429.37	12.87	34.374		
2,000.00	1,982.15	1,952.28	1,938.31	6.52	6.42	-138.02	-283.04	-153.56	463.33	450.38	12.95	35.787		
2,100.00	2,080.92	2,050.03	2,035.11	6.59	6.48	-138.05	-292.36	-163.47	484.42	471.35	13.06	37.086		
2,200.00	2,179.68	2,147.78	2,131.90	6.69	6.56	-138.08	-301.67	-173.39	505.50	492.30	13.21	38.267		
2,300.00	2,278.45	2,245.53	2,228.70	6.81	6.66	-138.10	-310.98	-183.31	526.59	513.21	13.39	39.330		
2,400.00	2,377.22	2,343.28	2,325.50	6.94	6.78	-138.13	-320.30	-193.23	547.68	534.08	13.60	40.274		
2,500.00	2,475.99	2,441.03	2,422.30	7.08	6.91	-138.15	-329.61	-203.14	568.77	554.94	13.84	41.104		
2,600.00	2,574.76	2,538.78	2,519.10	7.25	7.06	-138.17	-338.92	-213.06	589.86	575.76	14.10	41.825		
2,700.00	2,673.53	2,636.53	2,615.90	7.42	7.22	-138.19	-348.23	-222.98	610.95	596.56	14.39	42.442		
2,800.00	2,772.30	2,734.28	2,712.70	7.61	7.39	-138.21	-357.55	-232.89	632.04	617.33	14.71	42.965		
2,900.00	2,871.07	2,832.03	2,809.50	7.82	7.57	-138.22	-366.86	-242.81	653.13	638.08	15.05	43.400		
3,000.00	2,969.83	2,929.78	2,906.30	8.03	7.77	-138.24	-376.17	-252.73	674.22	658.81	15.41	43.757		
3,100.00	3,068.60	3,027.54	3,003.10	8.25	7.98	-138.26	-385.48	-262.65	695.31	679.52	15.79	44.042		
3,200.00	3,167.37	3,125.29	3,099.90	8.48	8.19	-138.27	-394.80	-272.56	716.40	700.22	16.18	44.265		
3,300.00	3,266.14	3,223.04	3,196.70	8.73	8.42	-138.28	-404.11	-282.48	737.49	720.89	16.60	44.431		
3,400.00	3,364.91	3,320.79	3,293.50	8.98	8.65	-138.29	-413.42	-292.40	758.58	741.55	17.03	44.549		
3,500.00	3,463.68	3,418.54	3,390.30	9.23	8.90	-138.31	-422.74	-302.31	779.67	762.20	17.47	44.624		
3,600.00	3,562.45	3,516.29	3,487.10	9.50	9.14	-138.32	-432.05	-312.23	800.76	782.83	17.93	44.662		
3,700.00	3,661.22	3,614.04	3,583.89	9.77	9.40	-138.33	-441.36	-322.15	821.85	803.45	18.40	44.669		
3,800.00	3,759.99	3,711.79	3,680.69	10.04	9.66	-138.34	-450.67	-332.06	842.94	824.06	18.88	44.649		
3,900.00	3,858.75	3,809.54	3,777.49	10.32	9.93	-138.35	-459.99	-341.98	864.03	844.66	19.37	44.605		
4,000.00	3,957.52	3,907.29	3,874.29	10.61	10.20	-138.36	-469.30	-351.90	885.12	865.25	19.87	44.542		
4,100.00	4,056.29	4,005.04	3,971.09	10.90	10.47	-138.36	-478.61	-361.82	906.21	885.83	20.38	44.463		
4,200.00	4,155.06	4,102.79	4,067.89	11.19	10.75	-138.37	-487.93	-371.73	927.30	906.40	20.90	44.369		
4,300.00	4,253.83	4,200.54	4,164.69	11.49	11.04	-138.38	-497.24	-381.65	948.39	926.97	21.43	44.265		
4,400.00	4,352.60	4,301.71	4,261.49	11.79	11.34	-138.39	-506.55	-391.57	969.48	947.52	21.97	44.132		
4,500.00	4,451.37	4,403.96	4,358.29	12.10	11.64	-138.40	-515.86	-401.48	990.57	968.05	22.52	43.987		
4,600.00	4,550.14	4,506.21	4,455.09	12.41	11.95	-138.40	-525.18	-411.40	1,011.66	988.59	23.08	43.837		
4,700.00	4,648.91	4,608.45	4,551.89	12.72	12.26	-138.41	-534.49	-421.32	1,032.75	1,009.11	23.64	43.683		
4,800.00	4,747.67	4,689.30	4,648.69	13.03	12.51	-138.42	-543.80	-431.24	1,053.84	1,029.69	24.15	43.634		
4,900.00	4,846.44	4,787.05	4,745.49	13.35	12.81	-138.42	-553.11	-441.15	1,074.94	1,050.22	24.71	43.496		
5,000.00	4,945.21	4,884.80	4,842.29	13.66	13.12	-138.43	-562.43	-451.07	1,096.03	1,070.75	25.28	43.356		
5,100.00	5,043.98	4,982.55	4,939.09	13.98	13.42	-138.43	-571.74	-460.99	1,117.12	1,091.27	25.85	43.215		
5,200.00	5,142.75	5,080.30	5,035.88	14.31	13.73	-138.44	-581.05	-470.90	1,138.21	1,111.78	26.42	43.073		
5,300.00	5,241.52	5,178.05	5,132.68	14.63	14.04	-138.44	-590.37	-480.82	1,159.30	1,132.29	27.00	42.932		
5,400.00	5,340.29	5,275.80	5,229.48	14.96	14.36	-138.45	-599.68	-490.74	1,180.39	1,152.80	27.59	42.791		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
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	0.00	0.00	3.28	3.28	-179.47	-119.87	-1.11	119.87					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-119.87	-1.11	119.87	112.34	7.53	15.925		
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-119.87	-1.11	119.87	112.30	7.57	15.838		
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-119.87	-1.11	119.87	112.30	7.57	15.838	CC, ES	
300.00	300.00	298.89	298.89	3.35	3.34	-137.73	-120.09	-1.47	120.42	112.77	7.65	15.738	SF	
400.00	399.93	396.54	396.47	3.41	3.40	-137.43	-121.85	-4.29	124.84	117.07	7.77	16.063		
500.00	499.68	493.75	493.46	3.50	3.48	-136.89	-125.36	-9.90	133.67	125.73	7.94	16.837		
600.00	599.13	590.26	589.46	3.62	3.58	-136.19	-130.56	-18.23	146.88	138.73	8.15	18.013		
700.00	698.15	688.07	686.49	3.76	3.71	-135.67	-137.09	-28.68	163.92	155.50	8.42	19.459		
800.00	796.92	786.37	784.00	3.93	3.87	-135.80	-143.71	-39.27	182.26	173.52	8.74	20.855		
900.00	895.69	884.68	881.50	4.12	4.05	-135.90	-150.33	-49.87	200.60	191.51	9.09	22.066		
1,000.00	994.46	982.98	979.01	4.34	4.26	-135.99	-156.95	-60.46	218.95	209.47	9.48	23.098		
1,100.00	1,093.23	1,081.28	1,076.52	4.58	4.47	-136.06	-163.57	-71.05	237.29	227.39	9.90	23.973		
1,200.00	1,192.00	1,179.59	1,174.02	4.83	4.71	-136.12	-170.19	-81.64	255.63	245.28	10.34	24.713		
1,300.00	1,290.76	1,277.89	1,271.53	5.09	4.95	-136.18	-176.81	-92.24	273.97	263.16	10.81	25.335		
1,400.00	1,389.53	1,376.19	1,369.04	5.37	5.21	-136.23	-183.43	-102.83	292.31	281.01	11.30	25.860		
1,500.00	1,488.30	1,474.50	1,466.54	5.66	5.47	-136.27	-190.04	-113.42	310.65	298.84	11.81	26.303		
1,600.00	1,587.07	1,572.80	1,564.05	5.95	5.74	-136.30	-196.66	-124.02	329.00	316.66	12.33	26.675		
1,700.00	1,685.84	1,671.10	1,661.55	6.25	6.02	-136.34	-203.28	-134.61	347.34	334.47	12.87	26.990		
1,800.00	1,784.61	1,769.40	1,759.06	6.42	6.21	-136.37	-209.90	-145.20	365.68	352.86	12.82	28.527		
1,900.00	1,883.38	1,867.71	1,856.57	6.46	6.28	-136.40	-216.52	-155.79	384.02	371.11	12.91	29.745		
2,000.00	1,982.15	1,966.01	1,954.07	6.52	6.33	-136.42	-223.14	-166.39	402.37	389.37	13.00	30.962		
2,100.00	2,080.92	2,064.31	2,051.58	6.59	6.39	-136.44	-229.76	-176.98	420.71	407.60	13.11	32.081		
2,200.00	2,179.68	2,162.62	2,149.09	6.69	6.47	-136.46	-236.38	-187.57	439.05	425.79	13.27	33.097		
2,300.00	2,278.45	2,260.92	2,246.59	6.81	6.56	-136.48	-243.00	-198.17	457.40	443.95	13.45	34.010		
2,400.00	2,377.22	2,359.22	2,344.10	6.94	6.68	-136.50	-249.62	-208.76	475.74	462.08	13.66	34.821		
2,500.00	2,475.99	2,457.53	2,441.61	7.08	6.80	-136.52	-256.24	-219.35	494.08	480.18	13.91	35.532		
2,600.00	2,574.76	2,555.83	2,539.11	7.25	6.94	-136.53	-262.86	-229.94	512.43	498.25	14.17	36.150		
2,700.00	2,673.53	2,654.13	2,636.62	7.42	7.10	-136.55	-269.47	-240.54	530.77	516.30	14.47	36.679		
2,800.00	2,772.30	2,752.44	2,734.12	7.61	7.26	-136.56	-276.09	-251.13	549.11	534.32	14.79	37.126		
2,900.00	2,871.07	2,850.74	2,831.63	7.82	7.44	-136.57	-282.71	-261.72	567.46	552.32	15.13	37.498		
3,000.00	2,969.83	2,949.04	2,929.14	8.03	7.63	-136.58	-289.33	-272.32	585.80	570.30	15.50	37.803		
3,100.00	3,068.60	3,047.35	3,026.64	8.25	7.83	-136.59	-295.95	-282.91	604.14	588.26	15.88	38.046		
3,200.00	3,167.37	3,145.65	3,124.15	8.48	8.04	-136.60	-302.57	-293.50	622.49	606.20	16.28	38.236		
3,300.00	3,266.14	3,243.95	3,221.66	8.73	8.26	-136.61	-309.19	-304.09	640.83	624.13	16.70	38.377		
3,400.00	3,364.91	3,342.26	3,319.16	8.98	8.48	-136.62	-315.81	-314.69	659.17	642.04	17.13	38.477		
3,500.00	3,463.68	3,440.56	3,416.67	9.23	8.72	-136.63	-322.43	-325.28	677.52	659.94	17.58	38.541		
3,600.00	3,562.45	3,538.86	3,514.18	9.50	8.96	-136.64	-329.05	-335.87	695.86	677.82	18.04	38.573		
3,700.00	3,661.22	3,637.17	3,611.68	9.77	9.20	-136.65	-335.67	-346.47	714.20	695.69	18.51	38.578		
3,800.00	3,759.99	3,735.47	3,709.19	10.04	9.46	-136.65	-342.29	-357.06	732.55	713.55	19.00	38.560		
3,900.00	3,858.75	3,833.77	3,806.69	10.32	9.71	-136.66	-348.90	-367.65	750.89	731.40	19.49	38.522		
4,000.00	3,957.52	3,932.07	3,904.20	10.61	9.97	-136.67	-355.52	-378.24	769.23	749.23	20.00	38.468		
4,100.00	4,056.29	4,030.38	4,001.71	10.90	10.24	-136.67	-362.14	-388.84	787.58	767.06	20.51	38.399		
4,200.00	4,155.06	4,128.68	4,099.21	11.19	10.51	-136.68	-368.76	-399.43	805.92	784.89	21.03	38.319		
4,300.00	4,253.83	4,226.98	4,196.72	11.49	10.79	-136.69	-375.38	-410.02	824.26	802.70	21.56	38.229		
4,400.00	4,352.60	4,325.29	4,294.23	11.79	11.07	-136.69	-382.00	-420.62	842.61	820.51	22.10	38.132		
4,500.00	4,451.37	4,423.59	4,391.73	12.10	11.35	-136.70	-388.62	-431.21	860.95	838.31	22.64	38.028		
4,600.00	4,550.14	4,521.89	4,489.24	12.41	11.63	-136.70	-395.24	-441.80	879.29	856.10	23.19	37.918		
4,700.00	4,648.91	4,620.20	4,586.75	12.72	11.92	-136.71	-401.86	-452.39	897.64	873.89	23.74	37.805		
4,800.00	4,747.67	4,718.50	4,684.25	13.03	12.21	-136.71	-408.48	-462.99	915.98	891.68	24.30	37.689		
4,900.00	4,846.44	4,816.80	4,781.76	13.35	12.50	-136.72	-415.10	-473.58	934.32	909.45	24.87	37.571		
5,000.00	4,945.21	4,915.11	4,879.26	13.66	12.80	-136.72	-421.71	-484.17	952.67	927.23	25.44	37.451		
5,100.00	5,043.98	5,013.41	4,976.77	13.98	13.09	-136.72	-428.33	-494.77	971.01	945.00	26.01	37.330		
5,200.00	5,142.75	5,111.71	5,074.28	14.31	13.39	-136.73	-434.95	-505.36	989.35	962.76	26.59	37.209		
5,300.00	5,241.52	5,210.02	5,171.78	14.63	13.69	-136.73	-441.57	-515.95	1,007.70	980.53	27.17	37.088		
5,400.00	5,340.29	5,308.32	5,269.29	14.96	14.00	-136.74	-448.19	-526.54	1,026.04	998.28	27.76	36.968		
5,500.00	5,439.06	5,406.62	5,366.80	15.28	14.30	-136.74	-454.81	-537.14	1,044.38	1,016.04	28.34	36.847		
5,600.00	5,537.82	5,504.93	5,464.30	15.61	14.61	-136.74	-461.43	-547.73	1,062.73	1,033.79	28.93	36.728		
5,700.00	5,636.59	5,603.23	5,561.81	15.94	14.92	-136.75	-468.05	-558.32	1,081.07	1,051.54	29.53	36.611		
5,800.00	5,735.36	5,701.53	5,659.32	16.27	15.22	-136.75	-474.67	-568.91	1,099.41	1,069.29	30.13	36.494		
5,900.00	5,834.13	5,800.17	5,756.82	16.61	15.54	-136.75	-481.29	-579.51	1,117.76	1,087.03	30.73	36.378		
6,000.00	5,932.90	5,901.86	5,854.33	16.94	15.86	-136.75	-487.91	-590.10	1,136.10	1,104.76	31.34	36.252		
6,100.00	6,031.67	5,996.44	5,951.83	17.27	16.16	-136.76	-494.53	-600.69	1,154.44	1,122.51	31.93	36.154		
6,200.00	6,130.44	6,105.26	6,049.34	17.61	16.51	-136.76	-501.14	-611.29	1,172.79	1,140.22	32.57	36.008		
6,300.00	6,229.21	6,206.95	6,146.85	17.95	16.83	-136.76	-507.76	-621.88	1,191.13	1,157.94	33.19	35.890		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-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	
0.00	0.00	3.00	3.00	3.28	3.28	-127.37	-138.44	-181.26	228.08					
100.00	100.00	103.00	103.00	3.28	3.28	-127.37	-138.44	-181.26	228.08	220.55	7.53	30.300		
200.00	200.00	203.00	203.00	3.30	3.30	-127.37	-138.44	-181.26	228.08	220.51	7.57	30.131		
251.97	251.97	254.97	254.97	3.32	3.32	-85.73	-138.44	-181.26	228.06	220.45	7.61	29.972	CC, ES	
300.00	300.00	299.22	299.21	3.35	3.34	-85.74	-138.60	-181.66	228.49	220.84	7.65	29.861		
400.00	399.93	391.97	391.91	3.41	3.40	-86.27	-139.75	-184.52	231.46	223.69	7.76	29.813	SF	
500.00	499.68	484.42	484.16	3.50	3.47	-87.31	-142.03	-190.15	237.37	229.46	7.91	29.997		
600.00	599.13	576.37	575.67	3.62	3.57	-88.75	-145.39	-198.48	246.35	238.25	8.10	30.402		
700.00	698.15	667.62	666.15	3.76	3.69	-90.50	-149.82	-209.44	258.54	250.20	8.34	31.003		
800.00	796.92	758.17	755.51	3.93	3.84	-92.41	-155.28	-222.94	274.01	265.39	8.62	31.783		
900.00	895.69	848.01	843.68	4.12	4.03	-93.88	-161.73	-238.93	292.60	283.66	8.94	32.715		
1,000.00	994.46	936.98	930.42	4.34	4.25	-94.95	-169.14	-257.27	314.13	304.82	9.30	33.768		
1,100.00	1,093.23	1,029.92	1,020.44	4.58	4.53	-95.74	-177.79	-278.66	338.05	328.33	9.72	34.763		
1,200.00	1,192.00	1,126.84	1,114.26	4.83	4.86	-96.43	-186.91	-301.24	362.31	352.10	10.21	35.500		
1,300.00	1,290.76	1,223.77	1,208.08	5.09	5.21	-97.04	-196.03	-323.82	386.61	375.89	10.72	36.067		
1,400.00	1,389.53	1,320.70	1,301.89	5.37	5.58	-97.57	-205.15	-346.39	410.95	399.69	11.26	36.491		
1,500.00	1,488.30	1,417.62	1,395.71	5.66	5.97	-98.04	-214.27	-368.97	435.32	423.50	11.82	36.818		
1,600.00	1,587.07	1,514.55	1,489.53	5.95	6.37	-98.47	-223.39	-391.55	459.71	447.31	12.41	37.053		
1,700.00	1,685.84	1,611.47	1,583.35	6.25	6.78	-98.85	-232.52	-414.12	484.13	471.12	13.01	37.216		
1,800.00	1,784.61	1,708.40	1,677.16	6.42	7.19	-99.19	-241.64	-436.70	508.56	495.29	13.27	38.327		
1,900.00	1,883.38	1,805.33	1,770.98	6.46	7.42	-99.51	-250.76	-459.28	533.01	519.70	13.30	40.063		
2,000.00	1,982.15	1,902.25	1,864.80	6.52	7.49	-99.79	-259.88	-481.86	557.47	544.07	13.40	41.588		
2,100.00	2,080.92	2,000.82	1,958.62	6.59	7.60	-100.05	-269.00	-504.43	581.95	568.40	13.55	42.954		
2,200.00	2,179.68	2,103.90	2,052.43	6.69	7.74	-100.29	-278.12	-527.01	606.43	592.70	13.74	44.150		
2,300.00	2,278.45	2,206.97	2,146.25	6.81	7.91	-100.51	-287.25	-549.59	630.92	616.96	13.96	45.182		
2,400.00	2,377.22	2,289.96	2,240.07	6.94	8.08	-100.72	-296.37	-572.16	655.43	641.22	14.20	46.145		
2,500.00	2,475.99	2,386.88	2,333.89	7.08	8.29	-100.91	-305.49	-594.74	679.94	665.44	14.49	46.913		
2,600.00	2,574.76	2,483.81	2,427.70	7.25	8.52	-101.09	-314.61	-617.32	704.45	689.64	14.82	47.546		
2,700.00	2,673.53	2,580.73	2,521.52	7.42	8.78	-101.25	-323.73	-639.90	728.98	713.81	15.17	48.057		
2,800.00	2,772.30	2,677.66	2,615.34	7.61	9.06	-101.41	-332.85	-662.47	753.50	737.95	15.55	48.457		
2,900.00	2,871.07	2,774.59	2,709.16	7.82	9.35	-101.55	-341.98	-685.05	778.03	762.08	15.96	48.757		
3,000.00	2,969.83	2,871.51	2,802.97	8.03	9.66	-101.69	-351.10	-707.63	802.57	786.18	16.39	48.971		
3,100.00	3,068.60	2,968.44	2,896.79	8.25	9.98	-101.82	-360.22	-730.20	827.11	810.27	16.84	49.108		
3,200.00	3,167.37	3,065.36	2,990.61	8.48	10.32	-101.94	-369.34	-752.78	851.66	834.34	17.32	49.180		
3,300.00	3,266.14	3,162.29	3,084.43	8.73	10.67	-102.05	-378.46	-775.36	876.20	858.39	17.81	49.196		
3,400.00	3,364.91	3,259.22	3,178.24	8.98	11.03	-102.16	-387.58	-797.94	900.75	882.43	18.32	49.165		
3,500.00	3,463.68	3,356.14	3,272.06	9.23	11.40	-102.26	-396.71	-820.51	925.31	906.46	18.85	49.094		
3,600.00	3,562.45	3,453.07	3,365.88	9.50	11.78	-102.36	-405.83	-843.09	949.86	930.48	19.39	48.990		
3,700.00	3,661.22	3,549.99	3,459.70	9.77	12.16	-102.45	-414.95	-865.67	974.42	954.48	19.94	48.858		
3,800.00	3,759.99	3,646.92	3,553.51	10.04	12.56	-102.53	-424.07	-888.24	998.98	978.47	20.51	48.705		
3,900.00	3,858.75	3,743.85	3,647.33	10.32	12.96	-102.62	-433.19	-910.82	1,023.55	1,002.46	21.09	48.534		
4,000.00	3,957.52	3,840.77	3,741.15	10.61	13.36	-102.70	-442.31	-933.40	1,048.11	1,026.43	21.68	48.349		
4,100.00	4,056.29	3,937.70	3,834.97	10.90	13.77	-102.77	-451.43	-955.98	1,072.68	1,050.40	22.28	48.153		
4,200.00	4,155.06	4,034.62	3,928.78	11.19	14.19	-102.84	-460.56	-978.55	1,097.25	1,074.36	22.88	47.949		
4,300.00	4,253.83	4,131.55	4,022.60	11.49	14.61	-102.91	-469.68	-1,001.13	1,121.82	1,098.32	23.50	47.739		
4,400.00	4,352.60	4,228.48	4,116.42	11.79	15.04	-102.98	-478.80	-1,023.71	1,146.39	1,122.26	24.12	47.525		
4,500.00	4,451.37	4,325.40	4,210.24	12.10	15.47	-103.04	-487.92	-1,046.29	1,170.96	1,146.21	24.75	47.308		
4,600.00	4,550.14	4,422.33	4,304.05	12.41	15.90	-103.10	-497.04	-1,068.86	1,195.53	1,170.15	25.39	47.091		

Offset Design											Offset Site Error:	0.00 usft	
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1											Offset Well Error:	3.28 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													
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	-123.19	-118.40	-180.98	216.27				
100.00	100.00	103.00	103.00	3.28	3.28	-123.19	-118.40	-180.98	216.27	208.74	7.53	28.731	
200.00	200.00	203.00	203.00	3.30	3.30	-123.19	-118.40	-180.98	216.27	208.70	7.57	28.571	
251.65	251.65	254.65	254.65	3.32	3.32	-81.55	-118.40	-180.98	216.24	208.63	7.61	28.419	CC, ES
300.00	300.00	299.49	299.49	3.35	3.34	-81.55	-118.49	-181.40	216.64	208.98	7.65	28.311	
400.00	399.93	392.79	392.73	3.41	3.40	-82.06	-119.19	-184.45	219.28	211.52	7.77	28.239	SF
500.00	499.68	485.84	485.58	3.50	3.47	-83.04	-120.56	-190.44	224.53	216.62	7.92	28.365	
600.00	599.13	578.50	577.78	3.62	3.57	-84.42	-122.60	-199.32	232.50	224.39	8.11	28.677	
700.00	698.15	670.62	669.11	3.76	3.70	-86.09	-125.28	-211.03	243.30	234.95	8.35	29.153	
800.00	796.92	762.17	759.44	3.93	3.85	-87.89	-128.59	-225.49	257.13	248.50	8.63	29.788	
900.00	895.69	853.12	848.68	4.12	4.04	-89.19	-132.52	-242.64	273.95	264.99	8.96	30.570	
1,000.00	994.46	943.30	936.55	4.34	4.27	-90.07	-137.03	-262.36	293.61	284.28	9.33	31.475	
1,100.00	1,093.23	1,039.66	1,029.99	4.58	4.56	-90.70	-142.28	-285.29	315.03	305.26	9.77	32.231	
1,200.00	1,192.00	1,137.27	1,124.65	4.83	4.89	-91.26	-147.61	-308.55	336.52	326.26	10.26	32.787	
1,300.00	1,290.76	1,234.89	1,219.30	5.09	5.23	-91.75	-152.94	-331.81	358.04	347.25	10.79	33.197	
1,400.00	1,389.53	1,332.50	1,313.95	5.37	5.60	-92.18	-158.27	-355.07	379.58	368.24	11.34	33.483	
1,500.00	1,488.30	1,430.11	1,408.60	5.66	5.99	-92.57	-163.59	-378.33	401.14	389.23	11.90	33.696	
1,600.00	1,587.07	1,527.73	1,503.26	5.95	6.39	-92.92	-168.92	-401.59	422.71	410.21	12.50	33.825	
1,700.00	1,685.84	1,625.34	1,597.91	6.25	6.80	-93.23	-174.25	-424.85	444.30	431.19	13.11	33.902	
1,800.00	1,784.61	1,722.96	1,692.56	6.42	7.17	-93.52	-179.57	-448.11	465.90	452.55	13.35	34.903	
1,900.00	1,883.38	1,820.57	1,787.22	6.46	7.37	-93.78	-184.90	-471.37	487.51	474.14	13.37	36.476	
2,000.00	1,982.15	1,918.19	1,881.87	6.52	7.44	-94.02	-190.23	-494.64	509.13	495.65	13.47	37.793	
2,100.00	2,080.92	2,015.80	1,976.52	6.59	7.55	-94.24	-195.56	-517.90	530.75	517.13	13.62	38.972	
2,200.00	2,179.68	2,113.42	2,071.17	6.69	7.68	-94.44	-200.88	-541.16	552.38	538.58	13.81	40.011	
2,300.00	2,278.45	2,211.03	2,165.83	6.81	7.84	-94.62	-206.21	-564.42	574.02	559.99	14.03	40.911	
2,400.00	2,377.22	2,308.64	2,260.48	6.94	8.03	-94.80	-211.54	-587.68	595.66	581.37	14.29	41.676	
2,500.00	2,475.99	2,406.26	2,355.13	7.08	8.24	-94.96	-216.87	-610.94	617.31	602.72	14.59	42.313	
2,600.00	2,574.76	2,503.87	2,449.78	7.25	8.48	-95.11	-222.19	-634.20	638.97	624.05	14.92	42.832	
2,700.00	2,673.53	2,601.49	2,544.44	7.42	8.73	-95.25	-227.52	-657.46	660.62	645.35	15.28	43.242	
2,800.00	2,772.30	2,700.90	2,639.09	7.61	9.01	-95.38	-232.85	-680.72	682.28	666.61	15.67	43.544	
2,900.00	2,871.07	2,803.28	2,733.74	7.82	9.31	-95.50	-238.17	-703.98	703.95	687.85	16.09	43.739	
3,000.00	2,969.83	2,905.67	2,828.40	8.03	9.64	-95.62	-243.50	-727.24	725.61	709.07	16.54	43.858	
3,100.00	3,068.60	3,008.05	2,923.05	8.25	9.98	-95.73	-248.83	-750.50	747.28	730.26	17.02	43.910	
3,200.00	3,167.37	3,089.56	3,017.70	8.48	10.25	-95.83	-254.16	-773.76	768.95	751.49	17.46	44.042	
3,300.00	3,266.14	3,187.17	3,112.35	8.73	10.60	-95.93	-259.48	-797.02	790.63	772.67	17.96	44.022	
3,400.00	3,364.91	3,284.79	3,207.01	8.98	10.95	-96.02	-264.81	-820.29	812.30	793.83	18.48	43.963	
3,500.00	3,463.68	3,382.40	3,301.66	9.23	11.32	-96.11	-270.14	-843.55	833.98	814.97	19.01	43.870	
3,600.00	3,562.45	3,480.02	3,396.31	9.50	11.69	-96.19	-275.47	-866.81	855.66	836.10	19.56	43.750	
3,700.00	3,661.22	3,577.63	3,490.96	9.77	12.07	-96.27	-280.79	-890.07	877.34	857.22	20.12	43.608	
3,800.00	3,759.99	3,675.25	3,585.62	10.04	12.46	-96.34	-286.12	-913.33	899.02	878.33	20.69	43.447	
3,900.00	3,858.75	3,772.86	3,680.27	10.32	12.86	-96.42	-291.45	-936.59	920.71	899.43	21.28	43.273	
4,000.00	3,957.52	3,870.48	3,774.92	10.61	13.26	-96.48	-296.77	-959.85	942.39	920.52	21.87	43.087	
4,100.00	4,056.29	3,968.09	3,869.58	10.90	13.66	-96.55	-302.10	-983.11	964.08	941.60	22.48	42.894	
4,200.00	4,155.06	4,065.70	3,964.23	11.19	14.08	-96.61	-307.43	-1,006.37	985.77	962.68	23.09	42.694	
4,300.00	4,253.83	4,163.32	4,058.88	11.49	14.49	-96.67	-312.76	-1,029.63	1,007.46	983.75	23.71	42.490	
4,400.00	4,352.60	4,260.93	4,153.53	11.79	14.91	-96.73	-318.08	-1,052.89	1,029.15	1,004.81	24.34	42.284	
4,500.00	4,451.37	4,358.55	4,248.19	12.10	15.33	-96.78	-323.41	-1,076.15	1,050.84	1,025.86	24.97	42.076	
4,600.00	4,550.14	4,456.16	4,342.84	12.41	15.76	-96.83	-328.74	-1,099.41	1,072.53	1,046.91	25.62	41.869	
4,700.00	4,648.91	4,553.78	4,437.49	12.72	16.19	-96.88	-334.06	-1,122.67	1,094.22	1,067.96	26.26	41.662	
4,800.00	4,747.67	4,651.39	4,532.14	13.03	16.62	-96.93	-339.39	-1,145.94	1,115.91	1,089.00	26.92	41.457	
4,900.00	4,846.44	4,749.01	4,626.80	13.35	17.06	-96.98	-344.72	-1,169.20	1,137.61	1,110.03	27.58	41.254	
5,000.00	4,945.21	4,846.62	4,721.45	13.66	17.50	-97.02	-350.05	-1,192.46	1,159.30	1,131.06	28.24	41.053	
5,100.00	5,043.98	4,944.23	4,816.10	13.98	17.94	-97.07	-355.37	-1,215.72	1,181.00	1,152.09	28.91	40.856	

Offset Design												Offset Site Error:	0.00 usft
5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys												Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448													
Reference		Offset		Semi Major Axis			Distance		Distance		Minimum Separation (usft)	Separation Factor	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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
0.00	0.00	0.00	0.00	3.28	3.28	41.22	760.66	666.28	1,011.49				
100.00	100.00	75.38	75.38	3.28	3.28	41.24	760.41	666.60	1,011.23	1,003.87	7.35	137.498	
200.00	200.00	177.48	177.47	3.30	3.29	41.31	759.55	667.57	1,011.22	1,003.84	7.39	136.919	
300.00	300.00	288.50	288.48	3.35	3.32	83.12	758.28	667.98	1,010.56	1,003.11	7.46	135.531	
400.00	399.93	403.88	403.83	3.41	3.37	83.42	756.24	666.82	1,008.16	1,000.60	7.57	133.239	
500.00	499.68	510.78	510.68	3.50	3.43	83.87	754.30	664.00	1,004.27	996.56	7.71	130.211	
600.00	599.13	607.96	607.79	3.62	3.49	84.44	753.05	660.57	999.86	991.97	7.89	126.684	
700.00	698.15	704.53	704.28	3.76	3.57	85.17	752.39	656.84	995.43	987.31	8.11	122.700	
800.00	796.92	803.87	803.56	3.93	3.66	85.93	751.83	653.01	991.10	982.72	8.38	118.334	
900.00	895.69	899.79	899.41	4.12	3.76	86.69	751.15	649.67	987.10	978.43	8.67	113.860	
1,000.00	994.46	998.88	998.45	4.34	3.87	87.51	750.17	646.68	983.43	974.44	9.00	109.311	
1,100.00	1,093.23	1,097.54	1,097.06	4.58	3.98	88.34	749.06	643.86	979.98	970.63	9.35	104.810	
1,200.00	1,192.00	1,198.68	1,198.15	4.83	4.11	89.20	747.84	640.89	976.64	966.91	9.73	100.379	
1,300.00	1,290.76	1,296.03	1,295.45	5.09	4.24	90.03	746.78	637.88	973.48	963.36	10.12	96.149	
1,400.00	1,389.53	1,394.86	1,394.23	5.37	4.38	90.84	746.11	634.59	970.62	960.08	10.54	92.099	
1,500.00	1,488.30	1,491.89	1,491.20	5.66	4.53	91.63	745.70	631.27	968.05	957.08	10.97	88.281	
1,600.00	1,587.07	1,590.95	1,590.20	5.95	4.68	92.43	745.45	627.88	965.79	954.38	11.41	84.660	
1,700.00	1,685.84	1,695.60	1,694.78	6.25	4.84	93.30	744.77	624.26	963.45	951.58	11.87	81.168	
1,800.00	1,784.61	1,787.02	1,786.15	6.42	4.99	94.07	744.10	621.22	961.37	949.39	11.97	80.293	
1,900.00	1,883.38	1,881.11	1,880.20	6.46	5.15	94.84	744.11	618.39	960.18	948.01	12.17	78.922	
2,000.00	1,982.15	1,981.76	1,980.80	6.52	5.32	95.66	744.43	615.38	959.40	947.00	12.39	77.420	
2,100.00	2,080.92	2,080.43	2,079.43	6.59	5.49	96.47	744.48	612.45	958.65	946.02	12.64	75.860	
2,200.00	2,179.68	2,177.58	2,176.54	6.69	5.66	97.27	744.63	609.65	958.25	945.35	12.90	74.279	
2,300.00	2,278.45	2,278.16	2,277.08	6.81	5.84	98.09	744.97	606.72	958.11	944.93	13.19	72.641	
2,400.00	2,377.22	2,378.97	2,377.83	6.94	6.02	98.88	745.58	603.33	957.95	944.45	13.50	70.971	
2,482.77	2,458.97	2,460.94	2,459.74	7.06	6.17	99.51	746.24	600.39	957.87	944.10	13.76	69.589	CC
2,500.00	2,475.99	2,477.92	2,476.70	7.08	6.20	99.64	746.38	599.78	957.87	944.05	13.82	69.309	
2,600.00	2,574.76	2,575.90	2,574.62	7.25	6.38	100.40	747.21	596.33	958.06	943.90	14.16	67.671	ES
2,700.00	2,673.53	2,674.28	2,672.95	7.42	6.57	101.16	747.99	593.05	958.53	944.02	14.51	66.058	
2,800.00	2,772.30	2,772.09	2,770.70	7.61	6.75	101.93	748.72	589.91	959.27	944.39	14.88	64.484	
2,900.00	2,871.07	2,868.40	2,866.96	7.82	6.93	102.68	749.50	587.00	960.39	945.14	15.25	62.970	
3,000.00	2,969.83	2,966.61	2,965.14	8.03	7.12	103.46	750.28	584.35	961.95	946.31	15.64	61.498	
3,100.00	3,068.60	3,067.13	3,065.62	8.25	7.32	104.25	751.02	581.60	963.64	947.60	16.05	60.050	
3,200.00	3,167.37	3,170.34	3,168.78	8.48	7.52	105.08	751.48	578.61	965.25	948.79	16.47	58.616	
3,300.00	3,266.14	3,274.08	3,272.47	8.73	7.72	105.91	751.68	575.17	966.56	949.66	16.90	57.200	
3,400.00	3,364.91	3,369.36	3,367.68	8.98	7.91	106.66	751.93	571.82	967.90	950.58	17.32	55.881	
3,500.00	3,463.68	3,467.37	3,465.65	9.23	8.11	107.43	752.26	568.83	969.88	952.12	17.76	54.624	
3,600.00	3,562.45	3,566.84	3,565.07	9.50	8.30	108.22	752.58	565.72	971.97	953.77	18.20	53.407	
3,700.00	3,661.22	3,663.60	3,661.78	9.77	8.50	108.95	753.32	562.60	974.31	955.67	18.64	52.259	
3,800.00	3,759.99	3,764.69	3,762.82	10.04	8.70	109.72	754.00	559.55	976.99	957.89	19.10	51.146	
3,900.00	3,858.75	3,868.52	3,866.59	10.32	8.91	110.53	754.31	556.07	979.40	959.83	19.57	50.045	
4,000.00	3,957.52	3,969.56	3,967.55	10.61	9.12	111.30	754.55	552.31	981.61	961.57	20.04	48.989	
4,100.00	4,056.29	4,068.78	4,066.71	10.90	9.32	112.07	754.45	548.65	983.92	963.42	20.50	47.985	
4,200.00	4,155.06	4,165.91	4,163.78	11.19	9.52	112.85	754.10	545.24	986.49	965.52	20.97	47.040	
4,300.00	4,253.83	4,261.90	4,259.72	11.49	9.71	113.60	753.97	542.07	989.52	968.08	21.44	46.156	
4,400.00	4,352.60	4,357.98	4,355.76	11.79	9.91	114.35	753.89	539.20	993.05	971.14	21.91	45.327	
4,500.00	4,451.37	4,459.55	4,457.28	12.10	10.12	115.13	753.90	536.28	996.88	974.49	22.39	44.521	
4,600.00	4,550.14	4,565.97	4,563.63	12.41	10.34	115.89	754.56	532.36	1,000.30	977.41	22.89	43.707	
4,700.00	4,648.91	4,667.30	4,664.84	12.72	10.55	116.56	755.98	527.81	1,003.29	979.92	23.38	42.921	
4,800.00	4,747.67	4,765.30	4,762.72	13.03	10.75	117.18	757.76	523.34	1,006.46	982.60	23.86	42.183	
4,900.00	4,846.44	4,863.63	4,860.94	13.35	10.96	117.79	759.77	518.95	1,009.88	985.53	24.35	41.480	
5,000.00	4,945.21	4,960.26	4,957.47	13.66	11.16	118.41	761.24	514.88	1,013.56	988.73	24.83	40.820	
5,100.00	5,043.98	5,055.66	5,052.79	13.98	11.36	119.02	762.66	511.22	1,017.71	992.40	25.31	40.207	
5,200.00	5,142.75	5,150.59	5,147.66	14.31	11.55	119.65	763.91	508.00	1,022.39	996.60	25.79	39.637	
5,300.00	5,241.52	5,247.08	5,244.10	14.63	11.76	120.29	764.91	505.18	1,027.60	1,001.32	26.28	39.104	
5,400.00	5,340.29	5,343.59	5,340.56	14.96	11.96	120.93	765.91	502.51	1,033.10	1,006.34	26.76	38.600	
5,500.00	5,439.06	5,443.07	5,440.00	15.28	12.17	121.57	767.31	500.01	1,039.05	1,011.80	27.26	38.120	
5,600.00	5,537.82	5,549.64	5,546.51	15.61	12.39	122.21	769.29	496.65	1,044.58	1,016.81	27.77	37.618	
5,700.00	5,636.59	5,646.51	5,643.29	15.94	12.59	122.78	771.26	493.17	1,049.82	1,021.56	28.26	37.151	
5,800.00	5,735.36	5,739.67	5,736.41	16.27	12.79	123.34	772.80	490.57	1,055.88	1,027.14	28.74	36.739	
5,900.00	5,834.13	5,839.51	5,836.21	16.61	13.00	123.96	773.98	487.98	1,062.21	1,032.97	29.24	36.332	
6,000.00	5,932.90	5,938.91	5,935.56	16.94	13.21	124.58	775.09	485.33	1,068.57	1,038.84	29.73	35.941	
6,100.00	6,031.67	6,035.63	6,032.24	17.27	13.41	125.16	776.40	482.82	1,075.16	1,044.94	30.22	35.576	
6,200.00	6,130.44	6,130.26	6,126.84	17.61	13.61	125.72	777.67	480.69	1,082.20	1,051.50	30.71	35.244	
6,300.00	6,229.21	6,224.51	6,221.07	17.95	13.81	126.30	778.56	479.03	1,089.80	1,058.61	31.19	34.942	
6,400.00	6,327.98	6,319.99	6,316.54	18.28	14.01	126.88	779.46	477.74	1,097.92	1,066.25	31.67	34.663	

Offset Design		5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7200-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,426.74	6,419.29	6,415.82	18.62	14.22	127.44	780.89	476.50	1,106.31	1,074.14	32.17	34.390	
6,600.00	6,525.51	6,523.10	6,519.57	18.96	14.43	127.96	783.79	474.89	1,114.58	1,081.90	32.68	34.108	
6,700.00	6,624.10	6,627.27	6,623.61	19.31	14.65	142.68	788.38	472.60	1,123.80	1,090.61	33.19	33.857 SF	
6,800.00	6,720.27	6,722.34	6,718.54	19.72	14.85	158.05	793.07	470.44	1,145.98	1,112.27	33.71	33.993	
6,900.00	6,811.45	6,812.92	6,809.00	20.26	15.04	164.46	797.45	468.55	1,183.34	1,149.09	34.25	34.551	

Offset Design												5N-66W-07 Offsets - NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES Surveys	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		Between Centres		Minimum Separation	Separation Factor	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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	42.85	724.23	671.85	988.14					
100.00	100.00	79.76	79.76	3.28	3.28	42.86	724.10	671.83	987.76	980.41	7.35	134.305		
200.00	200.00	178.05	178.05	3.30	3.29	42.86	723.89	671.69	987.52	980.13	7.39	133.706		
300.00	300.00	280.63	280.63	3.35	3.32	84.57	724.00	671.32	987.30	979.85	7.45	132.448		
400.00	399.93	380.92	380.92	3.41	3.36	84.77	723.85	670.85	986.56	979.00	7.56	130.542		
500.00	499.68	480.38	480.37	3.50	3.41	85.19	723.58	670.58	985.56	977.86	7.70	128.053		
600.00	599.13	573.37	573.36	3.62	3.47	85.79	723.33	670.69	984.62	976.75	7.87	125.142		
700.00	698.15	673.01	673.00	3.76	3.54	86.61	723.48	671.07	984.07	975.98	8.08	121.725		
800.00	796.92	773.02	773.01	3.93	3.63	87.55	723.24	671.47	983.38	975.04	8.34	117.880		
900.00	895.69	871.26	871.25	4.12	3.72	88.47	723.05	671.80	982.94	974.31	8.63	113.860		
983.23	977.89	952.80	952.80	4.30	3.81	89.22	723.04	672.01	982.83	973.93	8.90	110.456		
1,000.00	994.46	969.25	969.24	4.34	3.82	89.37	723.08	672.03	982.83	973.88	8.95	109.770		
1,100.00	1,093.23	1,068.10	1,068.09	4.58	3.94	90.25	723.48	671.98	983.02	973.71	9.30	105.683		
1,200.00	1,192.00	1,177.24	1,177.23	4.83	4.07	91.25	723.35	671.84	983.07	973.38	9.69	101.500		
1,300.00	1,290.76	1,286.05	1,286.01	5.09	4.21	92.35	720.84	671.97	982.14	972.05	10.09	97.342		
1,400.00	1,389.53	1,399.66	1,399.46	5.37	4.37	93.69	714.97	672.93	980.36	969.85	10.52	93.214		
1,500.00	1,488.30	1,515.82	1,515.16	5.66	4.54	95.26	704.87	674.49	977.30	966.33	10.96	89.146		
1,600.00	1,587.07	1,620.37	1,618.85	5.95	4.70	96.92	691.78	677.25	973.65	962.25	11.41	85.352		
1,700.00	1,685.84	1,732.55	1,729.55	6.25	4.88	98.91	674.08	680.94	969.52	957.65	11.87	81.666		
1,800.00	1,784.61	1,852.53	1,847.30	6.42	5.07	101.23	651.36	684.45	964.48	952.47	12.00	80.346		
1,900.00	1,883.38	1,960.66	1,952.50	6.46	5.26	103.55	626.52	687.07	958.14	945.93	12.21	78.459		
2,000.00	1,982.15	2,058.35	2,046.99	6.52	5.43	105.79	601.88	689.94	952.63	940.20	12.43	76.642		
2,100.00	2,080.92	2,156.21	2,141.01	6.59	5.60	108.18	574.96	693.26	948.14	935.47	12.67	74.851		
2,200.00	2,179.68	2,254.33	2,234.78	6.69	5.78	110.69	546.23	696.64	944.80	931.87	12.93	73.085		
2,300.00	2,278.45	2,356.05	2,331.47	6.81	5.99	113.39	514.81	699.76	942.53	929.31	13.22	71.320		
2,400.00	2,377.22	2,456.15	2,425.59	6.94	6.20	116.21	480.88	702.51	941.18	927.65	13.52	69.593		
2,444.28	2,420.95	2,499.18	2,465.82	7.00	6.29	117.45	465.64	703.55	941.02	927.36	13.67	68.856	CC, ES	
2,500.00	2,475.99	2,540.71	2,504.52	7.08	6.38	118.68	450.62	704.71	941.59	927.76	13.83	68.083		
2,600.00	2,574.76	2,614.80	2,573.25	7.25	6.56	120.90	423.12	707.81	945.55	931.42	14.13	66.914		
2,700.00	2,673.53	2,691.13	2,643.37	7.42	6.74	123.27	393.29	712.15	953.15	938.70	14.45	65.981		
2,800.00	2,772.30	2,766.79	2,712.16	7.61	6.94	125.68	362.22	717.40	964.38	949.61	14.77	65.298		
2,900.00	2,871.07	2,874.83	2,810.39	7.82	7.23	129.05	317.90	724.74	978.49	963.30	15.18	64.441		
3,000.00	2,969.83	2,962.77	2,891.80	8.03	7.47	131.56	284.86	728.58	992.97	977.41	15.56	63.820		
3,100.00	3,068.60	3,035.97	2,959.68	8.25	7.67	133.57	257.74	732.50	1,010.56	994.67	15.90	63.568		
3,200.00	3,167.37	3,106.60	3,024.98	8.48	7.87	135.48	231.29	737.38	1,031.64	1,015.41	16.23	63.570		
3,300.00	3,266.14	3,194.97	3,107.21	8.73	8.13	137.72	199.65	744.27	1,055.24	1,038.62	16.62	63.490		
3,400.00	3,364.91	3,309.62	3,214.51	8.98	8.46	140.43	160.01	751.91	1,079.40	1,062.29	17.11	63.097		
3,500.00	3,463.68	3,398.51	3,297.56	9.23	8.73	142.49	128.67	756.57	1,104.04	1,086.53	17.52	63.029		
3,600.00	3,562.45	3,509.04	3,400.79	9.50	9.07	144.97	89.43	760.97	1,129.19	1,111.19	18.01	62.712	SF	
3,700.00	3,661.22	3,589.85	3,476.30	9.77	9.32	146.71	60.77	763.70	1,155.26	1,136.86	18.40	62.785		
3,800.00	3,759.99	3,668.82	3,550.04	10.04	9.57	148.36	32.68	766.77	1,183.18	1,164.38	18.79	62.963		

Offset Design												Offset Site Error:	0.00 usft
5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys												Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448													
Reference		Offset		Semi Major Axis			Distance		Minimum Separation		Separation Factor	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	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-48.40	483.79	-544.89	728.80				
100.00	100.00	84.39	84.39	3.28	3.28	-48.40	483.85	-544.96	728.76	721.41	7.35	99.087	
200.00	200.00	183.31	183.31	3.30	3.29	-48.41	483.90	-545.31	729.07	721.68	7.39	98.698	
300.00	300.00	281.38	281.38	3.35	3.32	-6.76	483.79	-546.06	729.12	721.67	7.45	97.804	
400.00	399.93	375.71	375.70	3.41	3.36	-6.85	483.93	-547.16	726.63	719.08	7.56	96.166	
500.00	499.68	480.21	480.18	3.50	3.41	-7.03	483.90	-548.96	720.99	713.29	7.70	93.629	
600.00	599.13	580.85	580.81	3.62	3.48	-7.31	482.92	-550.61	711.21	703.33	7.88	90.276	
700.00	698.15	684.70	684.64	3.76	3.56	-7.65	481.76	-552.08	697.75	689.65	8.09	86.201	
800.00	796.92	781.63	781.54	3.93	3.64	-8.00	480.13	-553.45	682.23	673.90	8.33	81.914	
900.00	895.69	881.14	881.03	4.12	3.74	-8.34	478.89	-554.77	666.94	658.35	8.59	77.660	
1,000.00	994.46	980.09	979.97	4.34	3.85	-8.71	477.47	-556.04	651.53	642.66	8.87	73.441	
1,100.00	1,093.23	1,074.67	1,074.53	4.58	3.96	-9.08	476.29	-557.43	636.41	627.24	9.17	69.391	
1,200.00	1,192.00	1,170.99	1,170.83	4.83	4.08	-9.47	475.47	-559.34	621.96	612.47	9.49	65.510	
1,300.00	1,290.76	1,271.26	1,271.08	5.09	4.22	-9.83	475.29	-560.91	607.63	597.79	9.84	61.746	
1,400.00	1,389.53	1,369.48	1,369.29	5.37	4.35	-10.17	475.17	-562.16	593.13	582.93	10.20	58.146	
1,500.00	1,488.30	1,467.64	1,467.44	5.66	4.50	-10.58	474.74	-563.93	578.87	568.30	10.57	54.742	
1,600.00	1,587.07	1,563.91	1,563.69	5.95	4.64	-10.96	474.84	-565.49	564.84	553.88	10.96	51.541	
1,700.00	1,685.84	1,662.13	1,661.90	6.25	4.80	-11.33	475.45	-567.30	551.30	539.94	11.36	48.539	
1,800.00	1,784.61	1,761.29	1,761.04	6.42	4.95	-11.67	476.41	-568.76	537.70	526.26	11.44	46.992	
1,900.00	1,883.38	1,862.72	1,862.46	6.46	5.12	-12.00	477.54	-570.01	524.02	512.40	11.63	45.068	
2,000.00	1,982.15	1,961.62	1,961.35	6.52	5.29	-12.35	478.37	-570.84	509.89	498.06	11.83	43.108	
2,100.00	2,080.92	2,063.34	2,063.06	6.59	5.46	-12.73	479.26	-571.77	495.86	483.80	12.05	41.142	
2,200.00	2,179.68	2,164.77	2,164.49	6.69	5.63	-13.10	479.83	-571.86	480.98	468.69	12.29	39.128	
2,300.00	2,278.45	2,264.77	2,264.49	6.81	5.80	-13.45	480.47	-571.57	465.89	453.34	12.55	37.134	
2,400.00	2,377.22	2,363.88	2,363.60	6.94	5.97	-13.90	480.57	-571.40	450.59	437.77	12.81	35.163	
2,500.00	2,475.99	2,461.44	2,461.15	7.08	6.15	-14.53	479.64	-572.05	435.43	422.33	13.10	33.246	
2,600.00	2,574.76	2,560.11	2,559.81	7.25	6.33	-15.26	478.64	-573.05	420.58	407.18	13.40	31.388	
2,700.00	2,673.53	2,657.08	2,656.78	7.42	6.51	-15.87	478.54	-573.47	405.81	392.09	13.71	29.590	
2,800.00	2,772.30	2,754.40	2,754.09	7.61	6.69	-16.55	478.70	-574.52	391.75	377.71	14.04	27.893	
2,900.00	2,871.07	2,854.91	2,854.59	7.82	6.89	-17.32	478.72	-575.63	377.72	363.32	14.39	26.241	
3,000.00	2,969.83	2,954.74	2,954.43	8.03	7.08	-18.13	478.58	-576.19	363.21	348.45	14.75	24.616	
3,100.00	3,068.60	3,051.92	3,051.61	8.25	7.26	-18.93	478.76	-576.69	348.89	333.77	15.12	23.069	
3,200.00	3,167.37	3,149.81	3,149.49	8.48	7.45	-19.92	478.63	-578.03	335.24	319.73	15.51	21.618	
3,300.00	3,266.14	3,249.88	3,249.54	8.73	7.65	-21.12	477.98	-579.54	321.58	305.68	15.91	20.217	
3,400.00	3,364.91	3,349.85	3,349.49	8.98	7.85	-22.58	476.32	-581.04	307.63	291.31	16.32	18.851	
3,500.00	3,463.68	3,448.68	3,448.28	9.23	8.04	-24.24	474.23	-582.48	293.66	276.92	16.74	17.540	
3,600.00	3,562.45	3,548.21	3,547.79	9.50	8.24	-25.99	472.55	-583.72	279.93	262.75	17.18	16.294	
3,700.00	3,661.22	3,647.11	3,646.67	9.77	8.43	-27.92	470.58	-584.55	266.00	248.36	17.63	15.086	
3,800.00	3,759.99	3,744.16	3,743.70	10.04	8.62	-30.00	468.89	-585.72	252.82	234.72	18.10	13.971	
3,900.00	3,858.75	3,842.47	3,841.98	10.32	8.82	-32.27	467.56	-587.33	240.53	221.95	18.58	12.946	
4,000.00	3,957.52	3,941.94	3,941.43	10.61	9.02	-34.88	465.88	-588.82	228.45	209.37	19.08	11.970	
4,100.00	4,056.29	4,041.38	4,040.84	10.90	9.22	-37.88	463.77	-590.13	216.64	197.03	19.61	11.046	
4,200.00	4,155.06	4,141.02	4,140.46	11.19	9.42	-41.04	462.20	-590.84	204.94	184.79	20.16	10.168	
4,300.00	4,253.83	4,240.31	4,239.74	11.49	9.62	-44.29	461.54	-591.08	193.55	172.83	20.71	9.344	
4,400.00	4,352.60	4,339.04	4,338.48	11.79	9.82	-47.77	461.28	-591.06	182.58	161.29	21.29	8.576	
4,500.00	4,451.37	4,437.13	4,436.57	12.10	10.02	-51.61	461.16	-591.34	172.67	150.78	21.89	7.887	
4,600.00	4,550.14	4,535.80	4,535.23	12.41	10.22	-56.03	460.63	-591.86	163.92	141.40	22.52	7.279	
4,700.00	4,648.91	4,635.56	4,634.98	12.72	10.42	-61.38	459.00	-591.95	156.10	132.92	23.18	6.734	
4,800.00	4,747.67	4,735.68	4,735.08	13.03	10.62	-67.38	457.47	-590.83	148.59	124.74	23.85	6.230	
4,900.00	4,846.44	4,834.25	4,833.61	13.35	10.82	-74.18	455.29	-589.02	142.49	117.97	24.52	5.811	
5,000.00	4,945.21	4,932.58	4,931.90	13.66	11.02	-81.39	453.35	-587.05	138.35	113.18	25.17	5.497	
5,100.00	5,043.98	5,030.31	5,029.61	13.98	11.21	-88.45	451.97	-585.99	136.91	111.15	25.76	5.315	
5,107.25	5,051.14	5,037.44	5,036.75	14.01	11.23	-88.94	451.91	-585.96	136.90	111.10	25.80	5.306	CC, ES
5,200.00	5,142.75	5,129.09	5,128.39	14.31	11.42	-94.99	451.57	-586.08	137.73	111.43	26.30	5.238	
5,300.00	5,241.52	5,228.25	5,227.55	14.63	11.62	-101.01	452.04	-586.73	140.00	113.22	26.79	5.227	SF
5,400.00	5,340.29	5,327.05	5,326.34	14.96	11.83	-106.45	452.90	-588.03	143.79	116.55	27.24	5.279	
5,500.00	5,439.06	5,426.52	5,425.80	15.28	12.03	-111.68	453.76	-589.16	148.75	121.09	27.65	5.379	
5,600.00	5,537.82	5,526.56	5,525.82	15.61	12.24	-116.64	455.13	-589.87	154.26	126.21	28.05	5.500	
5,700.00	5,636.59	5,625.91	5,625.16	15.94	12.44	-121.34	456.73	-590.08	160.45	132.04	28.41	5.647	
5,800.00	5,735.36	5,725.64	5,724.87	16.27	12.64	-125.42	458.80	-590.96	167.34	138.56	28.78	5.814	
5,900.00	5,834.13	5,825.34	5,824.51	16.61	12.85	-128.85	461.65	-592.70	174.37	145.21	29.17	5.979	
6,000.00	5,932.90	5,923.44	5,922.55	16.94	13.05	-131.75	464.04	-595.13	182.48	152.93	29.55	6.175	
6,100.00	6,031.67	6,023.65	6,022.69	17.27	13.26	-134.41	466.73	-597.73	190.78	160.83	29.95	6.370	
6,200.00	6,130.44	6,122.70	6,121.66	17.61	13.47	-136.71	469.28	-600.68	199.58	169.22	30.36	6.574	
6,300.00	6,229.21	6,224.06	6,222.91	17.95	13.68	-138.76	472.70	-604.09	207.86	177.08	30.78	6.752	
6,400.00	6,327.98	6,321.65	6,320.41	18.28	13.88	-140.83	475.96	-606.43	216.47	185.28	31.19	6.940	

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys													Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2° CONE_2.448														
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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,426.74	6,417.71	6,416.44	18.62	14.08	-142.96	478.13	-607.64	226.51	194.93	31.58	7.172		
6,600.00	6,525.51	6,512.86	6,511.59	18.96	14.27	-145.10	478.88	-607.84	238.42	206.46	31.96	7.459		
6,700.00	6,624.10	6,608.94	6,607.66	19.31	14.47	-132.75	478.52	-606.82	252.17	219.84	32.33	7.799		
6,800.00	6,720.27	6,706.16	6,704.87	19.72	14.67	-121.25	478.07	-605.46	268.91	236.26	32.65	8.236		
6,900.00	6,811.45	6,793.22	6,791.91	20.26	14.84	-119.72	477.33	-604.18	292.13	259.21	32.92	8.874		
7,000.00	6,895.40	6,879.27	6,877.95	20.92	15.02	-121.66	476.57	-602.71	325.01	291.77	33.24	9.779		
7,100.00	6,970.06	6,952.16	6,950.82	21.76	15.17	-123.37	476.64	-601.24	369.49	335.91	33.58	11.003		
7,200.00	7,033.59	7,010.85	7,009.49	22.80	15.29	-123.25	476.75	-599.54	427.18	393.24	33.94	12.585		
7,300.00	7,084.42	7,053.47	7,052.07	24.07	15.37	-119.95	476.83	-597.80	497.12	462.84	34.28	14.502		
7,400.00	7,121.31	7,081.66	7,080.23	25.61	15.43	-112.41	476.87	-596.35	576.82	542.26	34.56	16.692		
7,500.00	7,143.34	7,105.09	7,093.45	27.37	15.48	-99.19	476.89	-595.59	663.13	628.37	34.76	19.076		
7,600.00	7,150.07	7,104.47	7,094.07	29.30	15.48	-83.18	476.89	-595.55	752.94	718.08	34.86	21.599		
7,700.00	7,150.71	7,109.95	7,088.60	31.37	15.49	-82.20	476.88	-595.89	844.69	809.75	34.94	24.172		
7,800.00	7,151.35	7,087.86	7,086.41	33.58	15.44	-81.81	476.88	-596.00	938.13	903.15	34.98	26.817		
7,900.00	7,151.99	7,083.92	7,082.49	35.90	15.44	-81.11	476.88	-596.22	1,032.77	997.72	35.05	29.468		
8,000.00	7,152.64	7,080.17	7,078.73	38.31	15.43	-80.44	476.87	-596.43	1,128.32	1,093.21	35.11	32.137		

Offset Design											5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys		Offset Site Error:	0.00 usft
Survey Program:											100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance		Minimum Separation		Separation Factor	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	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-131.46	-496.17	-561.62	749.59	749.59	7.35	101.893		
100.00	100.00	83.11	83.11	3.28	3.28	-131.48	-496.32	-561.48	749.39	742.04	7.39	101.437		
200.00	200.00	184.59	184.59	3.30	3.29	-131.51	-496.64	-561.06	749.30	741.91	7.46	100.478		
300.00	300.00	284.20	284.20	3.35	3.32	-89.86	-496.65	-560.77	749.09	741.63	7.52	99.600 CC		
367.30	367.27	350.27	350.27	3.39	3.34	-90.01	-496.55	-560.79	749.02	741.50	7.56	99.118 ES		
400.00	399.93	382.26	382.25	3.41	3.36	-90.12	-496.51	-560.84	749.04	741.48	7.69	97.408		
500.00	499.68	478.80	478.80	3.62	3.47	-91.33	-496.37	-562.13	750.14	742.27	8.09	92.890		
600.00	599.13	578.00	577.99	3.76	3.54	-92.31	-496.27	-562.95	751.12	743.03	8.35	90.153		
700.00	698.15	677.23	677.22	3.93	3.63	-93.45	-496.08	-563.79	752.38	744.04	8.64	87.266		
800.00	796.92	777.18	777.16	4.12	3.73	-94.57	-495.83	-564.55	753.85	745.21	8.96	84.315		
900.00	895.69	875.78	875.76	4.34	3.83	-95.68	-495.61	-565.35	755.65	746.69	9.31	81.349		
1,000.00	994.46	974.77	974.75	4.58	3.95	-96.80	-495.30	-566.12	757.67	748.35	9.69	78.420		
1,100.00	1,093.23	1,074.81	1,074.78	4.83	4.08	-97.92	-494.89	-566.73	759.78	750.10	10.08	75.584		
1,200.00	1,192.00	1,175.15	1,175.12	5.09	4.21	-99.01	-494.28	-567.36	762.05	751.97	10.49	72.858		
1,300.00	1,290.76	1,274.43	1,274.40	5.37	4.35	-100.09	-493.51	-568.10	764.54	754.05	10.92	70.261		
1,400.00	1,389.53	1,374.15	1,374.11	5.66	4.49	-101.16	-492.70	-568.75	767.21	756.29	11.36	67.779		
1,500.00	1,488.30	1,473.49	1,473.44	5.95	4.64	-102.21	-491.55	-569.65	770.02	758.66	11.81	65.424		
1,600.00	1,587.07	1,574.45	1,574.40	6.25	4.80	-103.22	-489.99	-570.66	772.82	761.00	11.92	65.070		
1,700.00	1,685.84	1,674.72	1,674.65	6.46	5.12	-105.05	-488.18	-571.94	775.78	763.86	12.12	64.298		
1,800.00	1,784.61	1,773.74	1,773.65	6.59	5.46	-106.77	-487.40	-572.77	776.38	763.80	12.58	62.529		
1,900.00	1,883.38	1,871.49	1,871.35	6.69	5.63	-107.64	-487.35	-573.35	779.35	767.51	12.84	61.567		
2,000.00	1,982.15	1,970.61	1,970.41	6.81	5.81	-108.53	-477.48	-582.67	794.55	781.43	13.12	60.568		
2,100.00	2,080.92	2,069.72	2,069.46	6.94	5.99	-109.41	-475.57	-584.51	798.91	785.49	13.42	59.534		
2,200.00	2,179.68	2,168.46	2,168.16	7.08	6.17	-110.28	-473.59	-586.32	803.38	789.64	13.74	58.482		
2,300.00	2,278.45	2,267.55	2,267.22	7.25	6.36	-111.13	-471.52	-588.23	808.00	793.92	14.07	57.418		
2,400.00	2,377.22	2,367.31	2,366.94	7.42	6.54	-111.98	-469.47	-589.88	812.70	798.28	14.42	56.356		
2,500.00	2,475.99	2,466.74	2,466.34	7.61	6.73	-112.84	-467.43	-591.49	817.58	802.80	14.78	55.300		
2,600.00	2,574.76	2,566.64	2,566.20	7.82	6.92	-113.68	-465.26	-593.11	822.51	807.35	15.16	54.253		
2,700.00	2,673.53	2,665.95	2,665.47	8.03	7.11	-114.49	-463.02	-594.85	827.60	812.06	15.55	53.233		
2,800.00	2,772.30	2,765.85	2,765.34	8.25	7.30	-115.29	-460.80	-596.63	832.90	816.95	15.95	52.236		
2,900.00	2,871.07	2,865.63	2,865.08	8.48	7.50	-116.12	-458.34	-598.27	838.14	821.78	16.36	51.234		
3,000.00	2,969.83	2,964.39	2,963.81	8.73	7.72	-117.01	-455.23	-599.25	842.84	826.05	16.79	50.196		
3,100.00	3,068.60	3,064.05	3,063.42	8.98	7.93	-117.94	-451.28	-599.09	846.62	829.39	17.23	49.135		
3,200.00	3,167.37	3,166.83	3,166.16	9.23	8.12	-118.90	-447.35	-597.39	849.90	832.23	17.66	48.112		
3,300.00	3,266.14	3,274.53	3,273.81	9.50	8.32	-119.92	-443.87	-594.43	853.31	835.21	18.10	47.147		
3,400.00	3,364.91	3,382.48	3,381.68	9.77	8.50	-120.94	-440.75	-591.06	857.13	838.60	18.53	46.247		
3,500.00	3,463.68	3,484.13	3,483.24	10.04	8.68	-121.91	-438.42	-587.80	861.82	842.86	18.96	45.454		
3,600.00	3,562.45	3,582.96	3,581.97	10.32	8.86	-122.95	-436.97	-584.04	867.71	848.31	19.40	44.731		
3,700.00	3,661.22	3,679.38	3,678.27	10.61	9.05	-124.00	-435.54	-580.35	874.01	854.16	19.84	44.045		
3,800.00	3,759.99	3,769.27	3,768.08	10.90	9.25	-124.98	-434.17	-577.38	880.84	860.54	20.29	43.404		
3,900.00	3,858.75	3,864.51	3,863.23	11.19	9.44	-125.93	-432.59	-575.05	887.92	867.17	20.75	42.785		
4,000.00	3,957.52	3,961.31	3,959.95	11.49	9.64	-126.82	-430.69	-573.44	895.08	873.86	21.22	42.185		
4,100.00	4,056.29	4,058.69	4,057.28	11.79	9.85	-127.68	-428.58	-572.10	902.29	880.61	21.69	41.606		
4,200.00	4,155.06	4,158.29	4,156.84	12.10	10.05	-128.50	-426.35	-570.90	909.58	887.42	22.15	41.056		
4,300.00	4,253.83	4,258.44	4,256.95	12.41	10.26	-129.34	-424.02	-569.66	917.02	894.39	22.63	40.518		
4,400.00	4,352.60	4,358.80	4,357.29	12.72	10.47	-130.18	-421.20	-567.98	924.12	901.00	23.11	39.986		
4,500.00	4,451.37	4,457.56	4,456.01	13.03	10.67	-131.01	-418.28	-566.03	931.22	907.63	23.59	39.480		
4,600.00	4,550.14	4,559.71	4,558.13	13.35	10.87	-131.84	-415.30	-563.83	938.39	914.33	24.06	38.999		
4,700.00	4,648.91	4,661.99	4,660.35	13.66	11.08	-132.65	-412.39	-561.60	945.78	921.24	24.53	38.549		
4,800.00	4,747.67	4,762.20	4,760.51	13.98	11.27	-133.42	-409.69	-559.59	953.54	928.53	25.00	38.134		
4,900.00	4,846.44	4,861.62	4,859.85	14.31	11.47	-134.17	-407.26	-557.84	961.79	936.31	25.48	37.750		
5,000.00	4,945.21	4,959.46	4,957.63	14.63	11.68	-134.91	-404.86	-556.26	970.29	944.34	25.96	37.382		
5,100.00	5,043.98	5,055.52	5,053.63	14.96	11.89	-135.65	-402.39	-554.65	978.94	952.50	26.44	37.024		
5,200.00	5,142.75	5,152.40	5,150.46	15.28	12.10	-136.40	-399.54	-552.80	987.39	960.46	26.93	36.669		
5,300.00	5,241.52	5,250.73	5,248.75	15.61	12.30	-137.10	-396.69	-551.06	995.91	968.51	27.41	36.337		
5,400.00	5,340.29	5,351.72	5,349.69	15.94	12.50	-137.76	-394.05	-549.78	1,004.74	976.86	27.88	36.032		
5,500.00	5,439.06	5,453.21	5,451.13	16.27	12.70	-138.40	-391.73	-548.64	1,014.02	985.66	28.36	35.753		
5,600.00	5,537.82	5,551.53	5,549.39	16.61	12.90	-139.03	-389.63	-547.51	1,023.68	994.84	28.84	35.494		
5,700.00	5,636.59	5,647.84	5,645.66	16.94	13.11	-139.65	-387.75	-546.24	1,033.69	1,004.37	29.32	35.256		
5,800.00	5,735.36	5,743.72	5,741.50	17.27	13.31	-140.26	-386.13	-545.03	1,044.08	1,014.29	29.80	35.039		
5,900.00	5,834.13	5,840.27	5,838.02	17.61	13.51	-140.86	-384.71	-543.86	1,054.83	1,024.55	30.28	34.835		
6,000.00	5,932.90	5,936.67	5,934.40	17.95	13.73	-141.46	-383.08	-542.82	1,065.54	1,034.76	30.78	34.623		
6,100.00	6,031.67	6,032.72	6,030.43	18.28	13.94	-142.04	-381.17	-542.08	1,076.05	1,044.78	31.27	34.410		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys													Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2° CONE_2.448														
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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,426.74	6,433.93	6,431.56	18.62	14.15	-142.58	-379.12	-541.56	1,086.48	1,054.72	31.76	34.205		
6,600.00	6,525.51	6,531.82	6,529.43	18.96	14.36	-143.10	-377.19	-541.20	1,097.07	1,064.82	32.25	34.014		
6,700.00	6,624.10	6,626.07	6,623.66	19.31	14.56	-128.89	-375.42	-541.09	1,107.92	1,075.18	32.73	33.845		
6,800.00	6,720.27	6,707.49	6,705.07	19.72	14.73	-113.70	-374.68	-540.47	1,120.76	1,087.54	33.22	33.739		
6,900.00	6,811.45	6,785.53	6,783.11	20.26	14.89	-107.76	-374.85	-539.35	1,136.49	1,102.73	33.76	33.667		
7,000.00	6,895.40	6,861.20	6,858.76	20.92	15.04	-104.90	-375.69	-538.03	1,155.75	1,121.38	34.37	33.626 SF		
7,100.00	6,970.06	6,930.02	6,927.56	21.76	15.18	-103.15	-376.82	-536.96	1,179.26	1,144.19	35.07	33.628		

Offset Design 5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-8H - SRC Energy Planned Well - Planned Ensign Dir													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD													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		
6,100.00	6,031.67	6,072.95	6,025.67	17.27	21.35	25.77	1,802.94	-918.41	1,193.29	1,157.54	35.75	33.380		
6,200.00	6,130.44	6,171.72	6,124.44	17.61	21.53	26.10	1,802.94	-918.41	1,179.19	1,142.92	36.27	32.508		
6,300.00	6,229.21	6,270.49	6,223.21	17.95	21.71	26.44	1,802.94	-918.41	1,165.13	1,128.33	36.80	31.660		
6,400.00	6,327.98	6,369.26	6,321.98	18.28	21.89	26.79	1,802.94	-918.41	1,151.11	1,113.78	37.33	30.836		
6,500.00	6,426.74	6,468.03	6,420.74	18.62	22.07	27.14	1,802.94	-918.41	1,137.13	1,099.27	37.86	30.034		
6,600.00	6,525.51	6,566.79	6,519.51	18.96	22.25	27.50	1,802.94	-918.41	1,123.20	1,084.80	38.39	29.255		
6,700.00	6,624.10	6,665.39	6,618.10	19.31	22.43	27.82	1,802.94	-918.41	1,109.01	1,070.07	38.94	28.479		
6,800.00	6,720.27	6,726.99	6,679.23	19.72	22.45	28.14	1,802.64	-927.45	1,094.86	1,055.44	39.42	27.774		
6,900.00	6,811.45	6,800.00	6,750.60	20.26	22.46	28.46	1,802.14	-942.67	1,080.00	1,039.96	40.04	26.971		
7,000.00	6,895.40	6,878.40	6,825.09	20.92	22.39	28.78	1,801.34	-967.00	1,065.27	1,024.50	40.78	26.124		
7,100.00	6,970.06	6,955.90	6,895.66	21.76	22.30	29.10	1,800.29	-998.89	1,051.32	1,009.59	41.73	25.196		
7,200.00	7,033.59	7,035.09	6,963.79	22.80	22.20	29.42	1,798.96	-1,039.16	1,038.81	995.86	42.96	24.183		
7,300.00	7,084.42	7,116.45	7,028.72	24.07	22.13	29.74	1,797.35	-1,088.10	1,028.45	983.93	44.52	23.101		
7,400.00	7,121.31	7,200.58	7,089.57	25.61	22.11	30.06	1,795.44	-1,146.10	1,020.93	974.49	46.44	21.986		
7,500.00	7,143.34	7,288.24	7,145.28	27.37	22.26	30.38	1,793.22	-1,213.67	1,016.87	968.14	48.73	20.866		
7,556.04	7,149.25	7,339.41	7,173.83	28.44	22.46	30.70	1,791.82	-1,256.09	1,016.27	966.08	50.19	20.248		
7,600.00	7,150.07	7,380.48	7,194.52	29.30	22.66	31.02	1,790.65	-1,291.55	1,016.78	965.44	51.34	19.806		
7,700.00	7,150.71	7,482.97	7,236.99	31.37	23.48	31.34	1,787.58	-1,384.68	1,018.99	964.67	54.32	18.760		
7,800.00	7,151.35	7,597.30	7,268.14	33.58	24.89	31.66	1,783.97	-1,494.50	1,020.99	963.13	57.85	17.648		
7,900.00	7,151.99	7,719.04	7,281.67	35.90	26.95	31.98	1,779.99	-1,615.27	1,021.40	959.32	62.08	16.452		
8,000.00	7,152.64	7,822.63	7,281.92	38.31	29.06	32.30	1,776.58	-1,718.80	1,020.41	953.80	66.61	15.319		
8,100.00	7,153.28	7,922.62	7,281.92	40.80	31.33	32.62	1,773.29	-1,818.74	1,019.40	948.02	71.38	14.281		
8,200.00	7,153.92	8,022.62	7,281.92	43.34	33.81	32.94	1,769.99	-1,918.68	1,018.39	941.98	76.40	13.329		
8,300.00	7,154.56	8,122.61	7,281.92	45.94	36.44	33.26	1,766.70	-2,018.62	1,017.37	935.75	81.63	12.464		
8,400.00	7,155.20	8,222.61	7,281.92	48.58	39.19	33.58	1,763.41	-2,118.56	1,016.36	929.35	87.01	11.681		
8,500.00	7,155.84	8,322.60	7,281.92	51.25	42.05	33.90	1,760.12	-2,218.50	1,015.35	922.82	92.52	10.974		
8,600.00	7,156.48	8,422.59	7,281.92	53.95	44.99	34.22	1,756.83	-2,318.44	1,014.34	916.19	98.15	10.335		
8,700.00	7,157.12	8,522.59	7,281.92	56.68	47.99	34.54	1,753.53	-2,418.38	1,013.32	909.47	103.86	9.757		
8,800.00	7,157.77	8,622.58	7,281.92	59.43	51.05	34.86	1,750.24	-2,518.32	1,012.31	902.67	109.64	9.233		
8,900.00	7,158.41	8,722.57	7,281.92	62.20	54.15	35.18	1,746.95	-2,618.26	1,011.30	895.81	115.49	8.756		
9,000.00	7,159.05	8,822.57	7,281.92	64.99	57.29	35.50	1,743.66	-2,718.19	1,010.29	888.89	121.39	8.322		
9,100.00	7,159.69	8,922.56	7,281.92	67.79	60.46	35.82	1,740.37	-2,818.13	1,009.28	881.94	127.34	7.926		
9,200.00	7,160.33	9,022.55	7,281.92	70.61	63.65	36.14	1,737.08	-2,918.07	1,008.27	874.94	133.33	7.562		
9,300.00	7,160.97	9,122.55	7,281.92	73.43	66.88	36.46	1,733.78	-3,018.01	1,007.26	867.91	139.35	7.228		
9,400.00	7,161.61	9,222.54	7,281.92	76.27	70.12	36.78	1,730.49	-3,117.95	1,006.25	860.85	145.40	6.921		
9,500.00	7,162.26	9,322.53	7,281.92	79.11	73.38	37.10	1,727.20	-3,217.89	1,005.24	853.76	151.47	6.636		
9,600.00	7,162.90	9,422.53	7,281.92	81.97	76.65	37.42	1,723.91	-3,317.83	1,004.23	846.65	157.57	6.373		
9,700.00	7,163.54	9,522.52	7,281.92	84.82	79.94	37.74	1,720.62	-3,417.77	1,003.22	839.53	163.69	6.129		
9,800.00	7,164.18	9,622.52	7,281.92	87.69	83.23	38.06	1,717.32	-3,517.71	1,002.21	832.38	169.83	5.901		
9,900.00	7,164.82	9,722.51	7,281.92	90.56	86.54	38.38	1,714.03	-3,617.65	1,001.20	825.22	175.98	5.689		
10,000.00	7,165.46	9,822.50	7,281.92	93.44	89.86	38.70	1,710.74	-3,717.59	1,000.19	818.04	182.15	5.491		
10,100.00	7,166.10	9,922.50	7,281.92	96.32	93.19	39.02	1,707.45	-3,817.53	999.18	810.85	188.33	5.305		
10,200.00	7,166.74	10,022.49	7,281.92	99.21	96.52	39.34	1,704.16	-3,917.47	998.17	803.65	194.52	5.131		
10,300.00	7,167.39	10,122.48	7,281.92	102.10	99.86	39.66	1,700.86	-4,017.41	997.16	796.44	200.73	4.968		
10,400.00	7,168.03	10,222.48	7,281.92	104.99	103.21	39.98	1,697.57	-4,117.35	996.16	789.22	206.94	4.814		
10,500.00	7,168.67	10,322.47	7,281.92	107.89	106.56	40.30	1,694.28	-4,217.29	995.15	781.98	213.17	4.668		
10,600.00	7,169.31	10,422.46	7,281.92	110.79	109.91	40.62	1,690.99	-4,317.22	994.14	774.75	219.40	4.531		
10,700.00	7,169.95	10,522.46	7,281.92	113.69	113.27	40.94	1,687.70	-4,417.16	993.14	767.50	225.64	4.401		
10,800.00	7,170.59	10,622.45	7,281.92	116.60	116.64	41.26	1,684.41	-4,517.10	992.13	760.25	231.88	4.279		
10,900.00	7,171.23	10,722.44	7,281.92	119.51	120.01	41.58	1,681.11	-4,617.04	991.12	752.99	238.14	4.162		
11,000.00	7,171.88	10,822.44	7,281.92	122.42	123.38	41.90	1,677.82	-4,716.98	990.12	745.72	244.40	4.051		
11,100.00	7,172.52	10,922.43	7,281.92	125.33	126.76	42.22	1,674.53	-4,816.92	989.11	738.45	250.66	3.946		
11,200.00	7,173.16	11,022.42	7,281.92	128.25	130.13	42.54	1,671.24	-4,916.86	988.11	731.17	256.93	3.846		
11,300.00	7,173.80	11,122.42	7,281.92	131.16	133.52	42.86	1,667.95	-5,016.80	987.10	723.89	263.21	3.750		
11,400.00	7,174.44	11,222.41	7,281.92	134.08	136.90	43.18	1,664.65	-5,116.74	986.10	716.61	269.49	3.659		
11,500.00	7,175.08	11,322.41	7,281.92	137.00	140.28	43.50	1,661.36	-5,216.68	985.09	709.32	275.78	3.572		
11,600.00	7,175.72	11,422.40	7,281.92	139.92	143.67	43.82	1,658.07	-5,316.62	984.09	702.02	282.06	3.489		
11,700.00	7,176.36	11,522.39	7,281.92	142.84	147.06	44.14	1,654.78	-5,416.56	983.08	694.73	288.36	3.409		
11,800.00	7,177.01	11,622.39	7,281.92	145.77	150.46	44.46	1,651.49	-5,516.50	982.08	687.42	294.66	3.333		
11,900.00	7,177.65	11,722.38	7,281.92	148.69	153.85	44.78	1,648.20	-5,616.44	981.08	680.12	300.96	3.260		
12,000.00	7,178.29	11,822.37	7,281.92	151.62	157.24	45.10	1,644.90	-5,716.38	980.07	672.81	307.26	3.190		
12,084.12	7,178.83	11,906.49	7,281.92	154.08	160.10	45.42	1,642.13	-5,800.44	979.23	666.66	312.57	3.133 CC		
12,100.00	7,178.93	11,897.00	7,281.92	154.55	159.78	45.74	1,642.45	-5,790.96	979.40	666.64	312.76	3.131 ES, SF		
12,200.00	7,179.57	11,897.00	7,281.92	157.48	159.78	46.06	1,642.45	-5,790.96	986.07	672.19	313.88	3.142		
12,300.00	7,180.21	11,897.00	7,281.92	160.41	159.78	46.38	1,642.45	-5,790.96	1,002.72	690.79	311.92	3.215		
12,400.00	7,180.85	11,897.00	7,281.92	163.34	159.78	46.70	1,642.45	-5,790.96	1,028.86	721.63	307.23	3.349		

Offset Design		5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-8H - SRC Energy Planned Well - Planned Ensign Dir										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
12,500.00	7,181.50	11,897.00	7,281.92	166.27	159.78	96.40	1,642.45	-5,790.96	1,063.80	763.47	300.33	3.542	
12,600.00	7,182.14	11,897.00	7,281.92	169.20	159.78	96.40	1,642.45	-5,790.96	1,106.69	814.88	291.81	3.793	
12,700.00	7,182.78	11,897.00	7,281.92	172.14	159.78	96.28	1,642.45	-5,790.96	1,155.31	873.16	282.14	4.095	

Offset Design												Offset Site Error:	0.00 usft	
15N-67W-01 Offsets Incomplete - Greeley-Rothe 1-9H - SRC Energy Planned Well - Planned Ensign Dir												Offset Well Error:	3.28 usft	
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD														
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	
4,600.00	4,550.14	4,822.54	4,762.81	12.41	20.44	11.12	1,491.83	-1,037.07	1,198.85	1,173.46	25.38	47.232		
4,700.00	4,648.91	4,916.72	4,855.36	12.72	20.92	11.42	1,478.58	-1,025.78	1,165.73	1,139.78	25.94	44.933		
4,800.00	4,747.67	5,010.89	4,947.92	13.03	21.40	11.73	1,465.34	-1,014.48	1,132.64	1,106.13	26.51	42.723		
4,900.00	4,846.44	5,105.07	5,040.47	13.35	21.88	12.07	1,452.10	-1,003.19	1,099.59	1,072.50	27.08	40.598		
5,000.00	4,945.21	5,200.75	5,133.03	13.66	22.37	12.42	1,438.85	-991.90	1,066.57	1,038.90	27.67	38.548		
5,100.00	5,043.98	5,306.57	5,225.58	13.98	22.92	12.80	1,425.61	-980.60	1,033.59	1,005.30	28.29	36.534		
5,200.00	5,142.75	5,387.60	5,318.14	14.31	23.33	13.20	1,412.37	-969.31	1,000.65	971.81	28.84	34.694		
5,300.00	5,241.52	5,481.78	5,410.69	14.63	23.82	13.63	1,399.12	-958.02	967.76	938.32	29.44	32.871		
5,400.00	5,340.29	5,567.89	5,495.34	14.96	24.24	14.05	1,387.10	-947.76	935.07	905.04	30.03	31.136		
5,500.00	5,439.06	5,640.09	5,566.56	15.28	24.51	14.40	1,378.11	-940.09	904.27	873.69	30.58	29.567		
5,600.00	5,537.82	5,713.49	5,639.26	15.61	24.74	14.75	1,370.37	-933.50	875.89	844.76	31.12	28.144		
5,700.00	5,636.59	5,788.01	5,713.29	15.94	24.95	15.09	1,363.96	-928.03	849.97	818.32	31.65	26.856		
5,800.00	5,735.36	5,863.56	5,788.56	16.27	25.13	15.42	1,358.97	-923.78	826.56	794.40	32.16	25.700		
5,900.00	5,834.13	5,940.06	5,864.91	16.61	25.30	15.73	1,355.45	-920.78	805.70	773.04	32.66	24.669		
6,000.00	5,932.90	6,017.42	5,942.23	16.94	25.44	16.02	1,353.48	-919.09	787.42	754.28	33.15	23.756		
6,100.00	6,031.67	6,100.87	6,025.67	17.27	25.58	16.30	1,353.03	-918.71	771.67	738.03	33.64	22.941		
6,200.00	6,130.44	6,199.63	6,124.44	17.61	25.73	16.63	1,353.03	-918.71	756.65	722.48	34.18	22.140		
6,300.00	6,229.21	6,298.40	6,223.21	17.95	25.89	16.98	1,353.03	-918.71	741.66	706.95	34.72	21.363		
6,400.00	6,327.98	6,397.17	6,321.98	18.28	26.04	17.34	1,353.03	-918.71	726.70	691.44	35.26	20.609		
6,500.00	6,426.74	6,495.94	6,420.74	18.62	26.20	17.71	1,353.03	-918.71	711.77	675.96	35.81	19.877		
6,600.00	6,525.51	6,594.71	6,519.51	18.96	26.35	18.10	1,353.03	-918.71	696.86	660.51	36.36	19.167		
6,700.00	6,624.28	6,679.78	6,604.57	19.31	26.47	33.31	1,353.03	-919.76	682.00	645.13	36.86	18.501		
6,800.00	6,720.27	6,753.13	6,677.47	19.72	26.51	50.32	1,352.75	-927.47	665.88	628.49	37.39	17.800		
6,900.00	6,811.45	6,827.12	6,749.83	20.26	26.51	58.88	1,352.24	-942.75	648.50	610.44	38.06	17.049		
7,000.00	6,895.40	6,900.00	6,819.19	20.92	26.47	64.97	1,351.51	-965.01	630.55	591.63	38.93	16.199		
7,100.00	6,970.06	6,978.16	6,890.64	21.76	26.38	70.31	1,350.47	-996.58	612.89	572.81	40.08	15.291		
7,200.00	7,033.59	7,055.89	6,957.88	22.80	26.26	75.34	1,349.19	-1,035.50	596.55	554.91	41.64	14.326		
7,300.00	7,084.42	7,135.69	7,022.09	24.07	26.13	80.27	1,347.63	-1,082.79	582.67	539.02	43.65	13.348		
7,400.00	7,121.31	7,218.13	7,082.47	25.61	25.98	85.13	1,345.78	-1,138.81	572.48	526.41	46.07	12.425		
7,500.00	7,143.34	7,303.95	7,138.05	27.37	25.83	89.86	1,343.63	-1,204.09	567.17	518.40	48.77	11.630		
7,543.47	7,148.30	7,342.62	7,160.46	28.20	25.77	91.84	1,342.60	-1,235.59	566.62	516.59	50.03	11.325		
7,600.00	7,150.07	7,394.17	7,187.63	29.30	25.70	94.42	1,341.15	-1,279.36	567.72	516.17	51.56	11.012		
7,700.00	7,150.71	7,494.65	7,231.21	31.37	25.61	98.72	1,338.18	-1,369.76	572.19	517.84	54.35	10.528		
7,800.00	7,151.35	7,607.41	7,264.51	33.58	25.72	101.95	1,334.63	-1,477.31	576.71	519.28	57.43	10.043		
7,900.00	7,151.99	7,728.41	7,281.01	35.90	26.81	103.49	1,330.69	-1,596.97	578.71	517.48	61.23	9.452		
8,000.00	7,152.64	7,835.52	7,282.00	38.31	28.82	103.55	1,327.17	-1,704.00	577.83	512.22	65.61	8.807		
8,100.00	7,153.28	7,935.51	7,282.00	40.80	31.08	103.51	1,323.88	-1,803.94	576.77	506.50	70.27	8.208		
8,200.00	7,153.92	8,035.50	7,282.00	43.34	33.57	103.46	1,320.58	-1,903.88	575.71	500.54	75.17	7.658		
8,300.00	7,154.56	8,135.50	7,282.00	45.94	36.22	103.42	1,317.29	-2,003.82	574.65	494.37	80.28	7.158		
8,400.00	7,155.20	8,235.49	7,282.00	48.58	38.99	103.38	1,314.00	-2,103.76	573.59	488.04	85.55	6.705		
8,500.00	7,155.84	8,335.48	7,282.00	51.25	41.85	103.34	1,310.71	-2,203.70	572.53	481.58	90.95	6.295		
8,600.00	7,156.48	8,435.48	7,282.00	53.95	44.79	103.30	1,307.42	-2,303.64	571.47	475.01	96.46	5.925		
8,700.00	7,157.12	8,535.47	7,282.00	56.68	47.80	103.26	1,304.12	-2,403.57	570.41	468.35	102.06	5.589		
8,800.00	7,157.77	8,635.46	7,282.00	59.43	50.85	103.22	1,300.83	-2,503.51	569.35	461.61	107.74	5.285		
8,900.00	7,158.41	8,735.46	7,282.00	62.20	53.95	103.18	1,297.54	-2,603.45	568.29	454.81	113.48	5.008		
9,000.00	7,159.05	8,835.45	7,282.00	64.99	57.09	103.14	1,294.25	-2,703.39	567.23	447.95	119.28	4.755		
9,100.00	7,159.69	8,935.44	7,282.00	67.79	60.26	103.10	1,290.96	-2,803.33	566.17	441.05	125.12	4.525		
9,200.00	7,160.33	9,035.44	7,282.00	70.61	63.45	103.05	1,287.66	-2,903.27	565.12	434.11	131.01	4.314		
9,300.00	7,160.97	9,135.43	7,282.00	73.43	66.67	103.01	1,284.37	-3,003.21	564.06	427.13	136.93	4.119		
9,400.00	7,161.61	9,235.42	7,282.00	76.27	69.90	102.97	1,281.08	-3,103.15	563.00	420.12	142.88	3.940		
9,500.00	7,162.26	9,335.42	7,282.00	79.11	73.16	102.93	1,277.79	-3,203.09	561.94	413.08	148.87	3.775		
9,600.00	7,162.90	9,435.41	7,282.00	81.97	76.43	102.89	1,274.50	-3,303.03	560.89	406.02	154.87	3.622		
9,700.00	7,163.54	9,535.41	7,282.00	84.82	79.71	102.84	1,271.20	-3,402.97	559.83	398.93	160.90	3.479		
9,800.00	7,164.18	9,635.40	7,282.00	87.69	83.00	102.80	1,267.91	-3,502.91	558.78	391.83	166.94	3.347		
9,900.00	7,164.82	9,735.39	7,282.00	90.56	86.31	102.76	1,264.62	-3,602.85	557.72	384.71	173.01	3.224		
10,000.00	7,165.46	9,835.39	7,282.00	93.44	89.62	102.71	1,261.33	-3,702.79	556.66	377.58	179.09	3.108		
10,100.00	7,166.10	9,935.38	7,282.00	96.32	92.94	102.67	1,258.04	-3,802.73	555.61	370.43	185.18	3.000		
10,200.00	7,166.74	10,035.37	7,282.00	99.21	96.27	102.63	1,254.74	-3,902.66	554.55	363.26	191.29	2.899		
10,300.00	7,167.39	10,135.37	7,282.00	102.10	99.61	102.58	1,251.45	-4,002.60	553.50	356.09	197.41	2.804		
10,400.00	7,168.03	10,235.36	7,282.00	104.99	102.95	102.54	1,248.16	-4,102.54	552.44	348.90	203.54	2.714		
10,500.00	7,168.67	10,335.35	7,282.00	107.89	106.30	102.50	1,244.87	-4,202.48	551.39	341.71	209.68	2.630		
10,600.00	7,169.31	10,435.35	7,282.00	110.79	109.65	102.45	1,241.58	-4,302.42	550.34	334.50	215.84	2.550		
10,700.00	7,169.95	10,535.34	7,282.00	113.69	113.01	102.41	1,238.29	-4,402.36	549.28	327.29	222.00	2.474		
10,800.00	7,170.59	10,635.33	7,282.00	116.60	116.37	102.36	1,234.99	-4,502.30	548.23	320.06	228.17	2.403		
10,900.00	7,171.23	10,735.33	7,282.00	119.51	119.74	102.32	1,231.70	-4,602.24	547.18	312.83	234.34	2.335		
11,000.00	7,171.88	10,835.32	7,282.00	122.42	123.11	102.27	1,228.41	-4,702.18	546.13	305.60	240.53	2.271		

Offset Design												5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-9H - SRC Energy Planned Well - Planned Ensign Dir	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_ISCWSA REV 2 MWD	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	
11,100.00	7,172.52	10,935.32	7,282.00	125.33	126.48	102.23	1,225.12	-4,802.12	545.07	298.35	246.72	2.209		
11,200.00	7,173.16	11,035.31	7,282.00	128.25	129.85	102.18	1,221.83	-4,902.06	544.02	291.10	252.92	2.151		
11,300.00	7,173.80	11,135.30	7,282.00	131.16	133.23	102.14	1,218.53	-5,002.00	542.97	283.84	259.13	2.095		
11,400.00	7,174.44	11,235.30	7,282.00	134.08	136.61	102.09	1,215.24	-5,101.94	541.92	276.58	265.34	2.042		
11,500.00	7,175.08	11,335.29	7,282.00	137.00	140.00	102.05	1,211.95	-5,201.88	540.87	269.31	271.56	1.992		
11,600.00	7,175.72	11,435.28	7,282.00	139.92	143.38	102.00	1,208.66	-5,301.82	539.82	262.04	277.78	1.943		
11,700.00	7,176.36	11,535.28	7,282.00	142.84	146.77	101.96	1,205.37	-5,401.76	538.77	254.76	284.01	1.897		
11,800.00	7,177.01	11,635.27	7,282.00	145.77	150.16	101.91	1,202.07	-5,501.69	537.72	247.48	290.24	1.853		
11,900.00	7,177.65	11,735.26	7,282.00	148.69	153.55	101.86	1,198.78	-5,601.63	536.67	240.19	296.48	1.810		
12,000.00	7,178.29	11,835.26	7,282.00	151.62	156.94	101.82	1,195.49	-5,701.57	535.62	232.90	302.72	1.769		
12,100.00	7,178.93	11,935.25	7,282.00	154.55	160.34	101.77	1,192.20	-5,801.51	534.57	225.60	308.97	1.730		
12,133.89	7,179.15	11,969.14	7,282.00	155.54	161.49	101.75	1,191.08	-5,835.39	534.22	223.13	311.09	1.717	CC, ES, SF	
12,200.00	7,179.57	11,963.30	7,282.00	157.48	161.29	101.76	1,191.27	-5,829.55	538.35	228.07	310.29	1.735		
12,300.00	7,180.21	11,963.30	7,282.00	160.41	161.29	101.76	1,191.27	-5,829.55	559.55	258.23	301.32	1.857		
12,400.00	7,180.85	11,963.30	7,282.00	163.34	161.29	101.76	1,191.27	-5,829.55	596.96	311.68	285.29	2.093		
12,500.00	7,181.50	11,963.30	7,282.00	166.27	161.29	101.76	1,191.27	-5,829.55	647.79	382.04	265.75	2.438		
12,600.00	7,182.14	11,963.30	7,282.00	169.20	161.29	101.76	1,191.27	-5,829.55	709.16	463.61	245.55	2.888		
12,700.00	7,182.78	11,963.30	7,282.00	172.14	161.29	101.41	1,191.27	-5,829.55	777.48	551.42	226.06	3.439		
12,800.00	7,183.42	11,963.30	7,282.00	175.09	161.29	101.41	1,191.27	-5,829.55	851.16	643.14	208.02	4.092		
12,900.00	7,184.06	11,963.30	7,282.00	178.03	161.29	101.41	1,191.27	-5,829.55	929.77	737.77	191.99	4.843		
13,000.00	7,184.70	11,963.30	7,282.00	180.98	161.29	101.41	1,191.27	-5,829.55	1,012.16	834.22	177.94	5.688		
13,100.00	7,185.35	11,963.30	7,282.00	183.93	161.29	101.41	1,191.27	-5,829.55	1,097.48	931.79	165.69	6.624		
13,200.00	7,185.99	11,963.30	7,282.00	186.88	161.29	101.41	1,191.27	-5,829.55	1,185.09	1,030.07	155.03	7.644		

Offset Design													Offset Site Error:	0.00 usft
5N-67W-01 Offsets Incomplete - HERTZKE 1-33 - SRC Energy SI Well - No Surveys													Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_2° CONE_2.448														
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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,800.00	7,177.01	7,200.99	7,199.01	145.77	253.40	89.95	1,846.91	-5,659.37	1,183.70	785.97	397.73	2.976		
11,900.00	7,177.65	7,200.35	7,199.65	148.69	253.38	89.99	1,846.91	-5,659.37	1,175.45	773.29	402.15	2.923		
11,947.37	7,177.95	7,200.05	7,199.95	150.08	253.36	90.00	1,846.91	-5,659.37	1,174.49	770.59	403.90	2.908	CC	
12,000.00	7,178.29	7,200.29	7,200.29	151.62	253.37	90.02	1,846.91	-5,659.37	1,175.67	770.09	405.58	2.899	ES, SF	
12,100.00	7,178.93	7,200.93	7,200.93	154.55	253.40	90.05	1,846.91	-5,659.37	1,184.37	776.43	407.94	2.903		

Offset Design		5N-67W-02 Offsets Incomplete - Aufrecht N 2-16 - SRC Energy PR Well - No Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
13,100.00	7,185.35	7,219.35	7,219.35	183.93	254.05	89.96	1,842.86	-6,899.71	1,188.94	751.48	437.46	2.718	
13,200.00	7,185.99	7,219.99	7,219.99	186.88	254.07	89.99	1,842.86	-6,899.71	1,182.68	741.22	441.47	2.679	
13,224.24	7,186.14	7,220.14	7,220.14	187.59	254.08	90.00	1,842.86	-6,899.71	1,182.43	740.19	442.25	2.674	CC, ES
13,300.00	7,186.63	7,220.63	7,220.63	189.82	254.09	90.02	1,842.86	-6,899.71	1,184.86	740.68	444.18	2.668	SF
13,400.00	7,187.27	7,221.27	7,221.27	192.77	254.12	90.05	1,842.86	-6,899.71	1,195.43	749.87	445.56	2.683	

Offset Design		5N-67W-02 Offsets Incomplete - RUDOLPH 2-33 - PDC Energy PR Well - No Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
16,700.00	7,208.45	7,228.45	7,228.45	290.28	254.37	89.86	1,804.91	-10,804.51	1,195.51	669.74	525.77	2.274	
16,800.00	7,209.09	7,229.09	7,229.09	293.24	254.39	89.89	1,804.91	-10,804.51	1,163.40	627.29	536.11	2.170	
16,900.00	7,209.73	7,229.73	7,229.73	296.20	254.42	89.92	1,804.91	-10,804.51	1,139.19	594.16	545.03	2.090	
17,000.00	7,210.38	7,230.38	7,230.38	299.15	254.44	89.96	1,804.91	-10,804.51	1,123.39	571.28	552.11	2.035	
17,100.00	7,211.02	7,231.02	7,231.02	302.11	254.46	89.99	1,804.91	-10,804.51	1,116.36	559.33	557.03	2.004	
17,128.74	7,211.20	7,231.20	7,231.20	302.96	254.47	90.00	1,804.91	-10,804.51	1,115.99	557.98	558.01	2.000 CC, ES	
17,200.00	7,211.66	7,231.66	7,231.66	305.07	254.48	90.02	1,804.91	-10,804.51	1,118.26	558.68	559.58	1.998 SF	
17,300.00	7,212.30	7,232.30	7,232.30	308.03	254.51	90.06	1,804.91	-10,804.51	1,129.05	569.32	559.73	2.017	
17,400.00	7,212.94	7,232.94	7,232.94	310.99	254.53	90.09	1,804.91	-10,804.51	1,148.48	590.88	557.60	2.060	
17,409.36	7,213.00	7,233.00	7,233.00	311.26	254.53	90.09	1,804.91	-10,804.51	1,150.73	593.33	557.40	2.064	

Offset Design												5N-67W-11 Offsets Need Directional Surveys - ARTIST 11-12 - SRC Energy SI Well - No Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-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	
13,200.00	7,185.99	7,249.99	7,249.99	186.88	255.13	84.38	745.94	-8,063.85	1,182.85	901.13	281.72	4.199		
13,300.00	7,186.63	7,250.63	7,250.63	189.82	255.16	84.86	745.94	-8,063.85	1,083.09	800.65	282.44	3.835		
13,400.00	7,187.27	7,251.27	7,251.27	192.77	255.18	85.33	745.94	-8,063.85	983.37	700.03	283.34	3.471		
13,500.00	7,187.91	7,251.91	7,251.91	195.72	255.20	85.81	745.94	-8,063.85	883.71	599.22	284.49	3.106		
13,600.00	7,188.55	7,252.55	7,252.55	198.67	255.22	86.28	745.94	-8,063.85	784.14	498.11	286.03	2.741		
13,700.00	7,189.20	7,253.20	7,253.20	201.62	255.25	86.76	745.94	-8,063.85	684.70	396.54	288.16	2.376		
13,800.00	7,189.84	7,253.84	7,253.84	204.57	255.27	87.23	745.94	-8,063.85	585.45	294.24	291.21	2.010		
13,900.00	7,190.48	7,254.48	7,254.48	207.53	255.29	87.71	745.94	-8,063.85	486.50	190.68	295.81	1.645		
14,000.00	7,191.12	7,255.12	7,255.12	210.48	255.32	88.19	745.94	-8,063.85	388.08	84.84	303.24	1.280	Level 3	
14,100.00	7,191.76	7,255.76	7,255.76	213.43	255.34	88.66	745.94	-8,063.85	290.75	-25.62	316.37	0.919	Level 1	
14,200.00	7,192.40	7,256.40	7,256.40	216.38	255.36	89.14	745.94	-8,063.85	196.13	-146.93	343.06	0.572	Level 1	
14,300.00	7,193.05	7,257.05	7,257.05	219.33	255.38	89.62	745.94	-8,063.85	111.33	-296.78	408.11	0.273	Level 1	
14,380.37	7,193.56	7,257.56	7,257.56	221.71	255.40	90.00	745.94	-8,063.85	77.05	-400.64	477.69	0.161	Level 1, CC, ES, SF	
14,400.00	7,193.69	7,257.69	7,257.69	222.29	255.41	90.09	745.94	-8,063.85	79.51	-392.21	471.72	0.169	Level 1	
14,500.00	7,194.33	7,258.33	7,258.33	225.24	255.43	90.57	745.94	-8,063.85	142.30	-238.30	380.60	0.374	Level 1	
14,600.00	7,194.97	7,258.97	7,258.97	228.20	255.45	91.05	745.94	-8,063.85	232.75	-103.37	336.12	0.692	Level 1	
14,700.00	7,195.61	7,259.61	7,259.61	231.15	255.47	91.53	745.94	-8,063.85	328.78	12.35	316.44	1.039	Level 2	
14,800.00	7,196.26	7,260.26	7,260.26	234.10	255.50	92.00	745.94	-8,063.85	426.64	120.58	306.06	1.394	Level 3	
14,900.00	7,196.90	7,260.90	7,260.90	237.06	255.52	92.48	745.94	-8,063.85	525.31	225.40	299.91	1.752		
15,000.00	7,197.54	7,261.54	7,261.54	240.01	255.54	92.95	745.94	-8,063.85	624.39	328.42	295.97	2.110		
15,100.00	7,198.18	7,262.18	7,262.18	242.97	255.57	93.43	745.94	-8,063.85	723.73	430.42	293.32	2.467		
15,200.00	7,198.82	7,262.82	7,262.82	245.92	255.59	93.91	745.94	-8,063.85	823.23	531.77	291.46	2.825		
15,300.00	7,199.46	7,263.46	7,263.46	248.88	255.61	94.38	745.94	-8,063.85	922.84	632.72	290.12	3.181		
15,400.00	7,200.11	7,264.11	7,264.11	251.84	255.63	94.85	745.94	-8,063.85	1,022.52	733.39	289.13	3.537		
15,500.00	7,200.75	7,264.75	7,264.75	254.79	255.66	95.33	745.94	-8,063.85	1,122.26	833.87	288.39	3.891		

Offset Design												5N-67W-11 Offsets Need Directional Surveys - SKYWAY 18-11 - Noble Energy PR Well - Actual Strata	Offset Site Error:	0.00 usft
Survey Program:												179-SRC Energy_ISCWSA REV 2 MWD, 7897-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
15,700.00	7,202.03	7,360.33	7,220.98	260.70	30.28	-88.48	-86.03	-10,229.29	1,139.87	930.98	208.90	5.457		
15,800.00	7,202.67	7,360.77	7,221.42	263.66	30.28	-88.51	-86.04	-10,229.29	1,068.36	845.85	222.51	4.801		
15,900.00	7,203.32	7,361.22	7,221.86	266.62	30.28	-88.55	-86.05	-10,229.29	1,001.73	764.71	237.02	4.226		
16,000.00	7,203.96	7,361.67	7,222.31	269.57	30.28	-88.58	-86.06	-10,229.29	941.04	688.90	252.13	3.732		
16,100.00	7,204.60	7,362.12	7,222.77	272.53	30.28	-88.61	-86.07	-10,229.29	887.49	620.16	267.33	3.320		
16,200.00	7,205.24	7,362.58	7,223.22	275.49	30.28	-88.65	-86.08	-10,229.29	842.44	560.64	281.81	2.989		
16,300.00	7,205.88	7,363.04	7,223.69	278.45	30.29	-88.68	-86.09	-10,229.28	807.34	512.82	294.51	2.741		
16,400.00	7,206.52	7,363.51	7,224.15	281.40	30.29	-88.72	-86.10	-10,229.28	783.50	479.24	304.26	2.575		
16,500.00	7,207.17	7,363.98	7,224.62	284.36	30.29	-88.75	-86.11	-10,229.28	771.98	461.99	309.99	2.490		
16,539.61	7,207.42	7,364.17	7,224.81	285.53	30.29	-88.77	-86.11	-10,229.28	770.96	459.98	310.98	2.479	CC, ES, SF	
16,600.00	7,207.81	7,364.45	7,225.10	287.32	30.29	-88.79	-86.12	-10,229.28	773.32	462.24	311.08	2.486		
16,700.00	7,208.45	7,364.93	7,225.58	290.28	30.29	-88.82	-86.13	-10,229.28	787.47	479.87	307.60	2.560		
16,800.00	7,209.09	7,365.42	7,226.06	293.24	30.29	-88.86	-86.14	-10,229.28	813.75	513.52	300.23	2.710		
16,900.00	7,209.73	7,365.91	7,226.55	296.20	30.29	-88.90	-86.15	-10,229.28	851.03	560.99	290.04	2.934		
17,000.00	7,210.38	7,366.40	7,227.05	299.15	30.29	-88.93	-86.16	-10,229.28	897.96	619.79	278.17	3.228		
17,100.00	7,211.02	7,366.90	7,227.55	302.11	30.29	-88.97	-86.17	-10,229.28	953.11	687.52	265.59	3.589		
17,200.00	7,211.66	7,367.41	7,228.05	305.07	30.29	-89.01	-86.18	-10,229.28	1,015.13	762.14	252.99	4.012		
17,300.00	7,212.30	7,367.92	7,228.56	308.03	30.29	-89.04	-86.19	-10,229.28	1,082.85	842.01	240.84	4.496		
17,400.00	7,212.94	7,368.43	7,229.08	310.99	30.30	-89.08	-86.21	-10,229.28	1,155.27	925.86	229.40	5.036		
17,409.36	7,213.00	7,368.48	7,229.13	311.26	30.30	-89.09	-86.21	-10,229.28	1,162.25	932.95	229.31	5.069		

Offset Design												5N-67W-11 Offsets Need Directional Surveys - SKYWAY 3-11 Approximation - Noble Energy PR Well -	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_ISCWSA REV 2 MWD	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	
14,800.00	7,196.26	7,442.14	7,241.67	234.10	37.34	-92.60	584.46	-9,587.68	1,107.17	1,050.62	56.55	19.580		
14,900.00	7,196.90	7,441.75	7,241.28	237.06	37.34	-92.37	584.46	-9,587.68	1,007.58	949.38	58.20	17.311		
15,000.00	7,197.54	7,441.36	7,240.89	240.01	37.34	-92.13	584.46	-9,587.68	908.08	847.78	60.30	15.058		
15,100.00	7,198.18	7,440.97	7,240.50	242.97	37.34	-91.90	584.46	-9,587.69	808.71	745.67	63.03	12.830		
15,200.00	7,198.82	7,440.58	7,240.11	245.92	37.34	-91.66	584.46	-9,587.69	709.51	642.83	66.68	10.641		
15,300.00	7,199.46	7,440.18	7,239.72	248.88	37.34	-91.43	584.46	-9,587.70	610.57	538.86	71.71	8.514		
15,400.00	7,200.11	7,439.79	7,239.32	251.84	37.34	-91.19	584.46	-9,587.70	512.04	433.06	78.98	6.484		
15,500.00	7,200.75	7,439.39	7,238.92	254.79	37.34	-90.95	584.46	-9,587.70	414.22	324.14	90.08	4.598		
15,600.00	7,201.39	7,438.99	7,238.53	257.75	37.34	-90.71	584.46	-9,587.71	317.75	209.31	108.44	2.930		
15,700.00	7,202.03	7,438.60	7,238.13	260.70	37.34	-90.48	584.46	-9,587.71	224.40	81.96	142.44	1.575		
15,800.00	7,202.67	7,438.20	7,237.73	263.66	37.34	-90.24	584.46	-9,587.72	140.52	-73.12	213.64	0.658	Level 1	
15,900.00	7,203.32	7,437.80	7,237.33	266.62	37.34	-90.00	584.46	-9,587.72	95.59	-208.72	304.31	0.314	Level 1	
15,903.05	7,203.34	7,437.78	7,237.32	266.71	37.34	-89.99	584.46	-9,587.72	95.54	-208.87	304.41	0.314	Level 1, CC, ES, SF	
16,000.00	7,203.96	7,437.39	7,236.93	269.57	37.34	-89.75	584.46	-9,587.72	136.12	-82.50	218.62	0.623	Level 1	
16,100.00	7,204.60	7,436.99	7,236.52	272.53	37.34	-89.51	584.46	-9,587.73	218.90	73.78	145.12	1.508		
16,200.00	7,205.24	7,436.58	7,236.11	275.49	37.34	-89.27	584.46	-9,587.73	311.94	201.31	110.63	2.820		
16,300.00	7,205.88	7,436.17	7,235.70	278.45	37.34	-89.02	584.46	-9,587.74	408.28	315.96	92.33	4.422		
16,400.00	7,206.52	7,435.76	7,235.30	281.40	37.33	-88.78	584.46	-9,587.74	506.05	424.63	81.42	6.216		
16,500.00	7,207.17	7,435.35	7,234.88	284.36	37.33	-88.53	584.46	-9,587.75	604.54	530.17	74.37	8.129		
16,600.00	7,207.81	7,434.94	7,234.47	287.32	37.33	-88.28	584.46	-9,587.75	703.46	633.90	69.56	10.113		
16,700.00	7,208.45	7,434.53	7,234.06	290.28	37.33	-88.04	584.46	-9,587.75	802.65	736.50	66.15	12.134		
16,800.00	7,209.09	7,434.11	7,233.65	293.24	37.33	-87.79	584.46	-9,587.76	902.02	838.37	63.65	14.173		
16,900.00	7,209.73	7,433.70	7,233.23	296.20	37.33	-87.54	584.46	-9,587.76	1,001.51	939.74	61.77	16.213		
17,000.00	7,210.38	7,433.28	7,232.81	299.15	37.33	-87.29	584.46	-9,587.77	1,101.09	1,040.75	60.34	18.248		

Offset Design												5N-67W-11 Offsets Need Directional Surveys - SKYWAY 4-11 - Noble Energy PR Well - No Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
16,100.00	7,204.60	7,226.60	7,226.60	272.53	254.31	85.30	781.29	-10,953.64	1,173.93	885.20	288.73	4.066		
16,200.00	7,205.24	7,227.24	7,227.24	275.49	254.33	85.70	781.29	-10,953.64	1,074.27	784.04	290.22	3.702		
16,300.00	7,205.88	7,227.88	7,227.88	278.45	254.35	86.10	781.29	-10,953.64	974.67	682.58	292.09	3.337		
16,400.00	7,206.52	7,228.52	7,228.52	281.40	254.37	86.50	781.29	-10,953.64	875.16	580.68	294.48	2.972		
16,500.00	7,207.17	7,229.17	7,229.17	284.36	254.40	86.90	781.29	-10,953.64	775.78	478.16	297.62	2.607		
16,600.00	7,207.81	7,229.81	7,229.81	287.32	254.42	87.30	781.29	-10,953.64	676.58	374.71	301.86	2.241		
16,700.00	7,208.45	7,230.45	7,230.45	290.28	254.44	87.70	781.29	-10,953.64	577.65	269.83	307.82	1.877		
16,800.00	7,209.09	7,231.09	7,231.09	293.24	254.46	88.11	781.29	-10,953.64	479.17	162.60	316.57	1.514		
16,900.00	7,209.73	7,231.73	7,231.73	296.20	254.49	88.51	781.29	-10,953.64	381.48	51.22	330.26	1.155	Level 2	
17,000.00	7,210.38	7,232.38	7,232.38	299.15	254.51	88.91	781.29	-10,953.64	285.40	-68.28	353.67	0.807	Level 1	
17,100.00	7,211.02	7,233.02	7,233.02	302.11	254.53	89.31	781.29	-10,953.64	193.32	-205.89	399.21	0.484	Level 1	
17,200.00	7,211.66	7,233.66	7,233.66	305.07	254.56	89.72	781.29	-10,953.64	115.30	-381.50	496.81	0.232	Level 1	
17,270.40	7,212.11	7,234.11	7,234.11	307.16	254.57	90.00	781.29	-10,953.64	91.32	-470.99	562.31	0.162	Level 1, CC, ES, SF	
17,300.00	7,212.30	7,234.30	7,234.30	308.03	254.58	90.12	781.29	-10,953.64	95.99	-452.62	548.61	0.175	Level 1	
17,400.00	7,212.94	7,234.94	7,234.94	310.99	254.60	90.52	781.29	-10,953.64	158.54	-278.11	436.64	0.363	Level 1	
17,409.36	7,213.00	7,235.00	7,235.00	311.26	254.60	90.56	781.29	-10,953.64	166.27	-264.03	430.31	0.386	Level 1	

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 185-SRC Energy_ISCWSA REV 2 MWD													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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,800.00	7,209.09	7,345.43	7,243.36	293.24	26.61	-89.43	86.54	-11,474.51	1,158.12	979.94	178.18	6.500		
16,900.00	7,209.73	7,345.26	7,243.18	296.20	26.61	-89.41	86.54	-11,474.51	1,074.25	882.90	191.35	5.614		
17,000.00	7,210.38	7,345.08	7,243.00	299.15	26.61	-89.39	86.54	-11,474.51	993.37	787.11	206.26	4.816		
17,100.00	7,211.02	7,344.90	7,242.83	302.11	26.61	-89.38	86.55	-11,474.51	916.27	693.20	223.07	4.108		
17,200.00	7,211.66	7,344.73	7,242.66	305.07	26.61	-89.36	86.55	-11,474.51	843.99	602.17	241.83	3.490		
17,300.00	7,212.30	7,344.56	7,242.48	308.03	26.61	-89.35	86.55	-11,474.51	777.88	515.54	262.34	2.965		
17,400.00	7,212.94	7,344.38	7,242.31	310.99	26.60	-89.33	86.55	-11,474.51	719.63	435.65	283.98	2.534		
17,409.36	7,213.00	7,344.37	7,242.29	311.26	26.60	-89.33	86.55	-11,474.52	714.65	428.14	286.51	2.494	CC, ES, SF	

Offset Design											5N-67W-11 Offsets Need Directional Surveys - SWAFFORD 11-11 - SRC Energy PR Well - No Surveys		Offset Site Error:	0.00 usft
Survey Program:											100-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	
12,500.00	7,181.50	7,228.50	7,228.50	166.27	254.37	88.38	883.04	-7,291.45	1,129.58	836.78	292.80	3.858		
12,600.00	7,182.14	7,229.14	7,229.14	169.20	254.40	88.52	883.04	-7,291.45	1,032.28	735.99	296.29	3.484		
12,700.00	7,182.78	7,229.78	7,229.78	172.14	254.42	88.48	883.04	-7,291.45	935.14	634.80	300.35	3.114		
12,800.00	7,183.42	7,230.42	7,230.42	175.09	254.44	88.65	883.04	-7,291.45	838.28	533.11	305.16	2.747		
12,900.00	7,184.06	7,231.06	7,231.06	178.03	254.46	88.81	883.04	-7,291.45	742.24	430.91	311.33	2.384		
13,000.00	7,184.70	7,231.70	7,231.70	180.98	254.49	88.98	883.04	-7,291.45	647.40	328.00	319.40	2.027		
13,100.00	7,185.35	7,232.35	7,232.35	183.93	254.51	89.15	883.04	-7,291.45	554.39	224.17	330.22	1.679		
13,200.00	7,185.99	7,232.99	7,232.99	186.88	254.53	89.32	883.04	-7,291.45	464.28	119.17	345.11	1.345 Level 3		
13,300.00	7,186.63	7,233.63	7,233.63	189.82	254.55	89.48	883.04	-7,291.45	379.16	13.13	366.03	1.036 Level 2		
13,400.00	7,187.27	7,234.27	7,234.27	192.77	254.58	89.65	883.04	-7,291.45	303.27	-91.86	395.13	0.768 Level 1		
13,500.00	7,187.91	7,234.91	7,234.91	195.72	254.60	89.82	883.04	-7,291.45	245.31	-185.10	430.41	0.570 Level 1		
13,600.00	7,188.55	7,235.55	7,235.55	198.67	254.62	89.98	883.04	-7,291.45	219.97	-233.71	453.67	0.485 Level 1		
13,608.97	7,188.61	7,235.61	7,235.61	198.94	254.62	90.00	883.04	-7,291.45	219.78	-234.36	454.14	0.484 Level 1, CC, ES, SF		
13,700.00	7,189.20	7,236.20	7,236.20	201.62	254.65	90.15	883.04	-7,291.45	237.89	-204.23	442.12	0.538 Level 1		
13,800.00	7,189.84	7,236.84	7,236.84	204.57	254.67	90.32	883.04	-7,291.45	291.20	-119.92	411.12	0.708 Level 1		
13,900.00	7,190.48	7,237.48	7,237.48	207.53	254.69	90.49	883.04	-7,291.45	364.69	-17.93	382.63	0.953 Level 1		
14,000.00	7,191.12	7,238.12	7,238.12	210.48	254.71	90.65	883.04	-7,291.45	448.56	87.10	361.46	1.241 Level 2		
14,100.00	7,191.76	7,238.76	7,238.76	213.43	254.74	90.82	883.04	-7,291.45	537.97	191.73	346.24	1.554		
14,200.00	7,192.40	7,239.40	7,239.40	216.38	254.76	90.99	883.04	-7,291.45	630.56	295.43	335.13	1.882		
14,300.00	7,193.05	7,240.05	7,240.05	219.33	254.78	91.16	883.04	-7,291.45	725.13	398.30	326.82	2.219		
14,400.00	7,193.69	7,240.69	7,240.69	222.29	254.80	91.32	883.04	-7,291.45	820.98	500.52	320.46	2.562		
14,500.00	7,194.33	7,241.33	7,241.33	225.24	254.83	91.49	883.04	-7,291.45	917.72	602.25	315.47	2.909		
14,600.00	7,194.97	7,241.97	7,241.97	228.20	254.85	91.66	883.04	-7,291.45	1,015.09	703.59	311.50	3.259		
14,700.00	7,195.61	7,242.61	7,242.61	231.15	254.87	91.82	883.04	-7,291.45	1,112.93	804.65	308.28	3.610		

Offset Design												5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	Offset Site Error:	0.00 usft
Survey Program:												214-SRC Energy_ISCWSA REV 2 MWD	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		
5,800.00	5,735.36	5,900.85	5,736.54	16.27	30.29	-49.74	599.26	-1,746.21	1,192.23	1,146.30	45.93	25.957		
5,900.00	5,834.13	5,997.10	5,832.26	16.61	30.60	-49.81	609.28	-1,746.60	1,182.25	1,135.70	46.55	25.397		
6,000.00	5,932.90	6,091.55	5,926.37	16.94	30.87	-49.97	617.30	-1,747.26	1,172.62	1,125.49	47.13	24.879		
6,100.00	6,031.67	6,195.71	6,030.27	17.27	31.14	-50.23	624.53	-1,748.19	1,163.23	1,115.51	47.72	24.376		
6,200.00	6,130.44	6,304.64	6,139.01	17.61	31.39	-50.56	630.99	-1,748.11	1,152.92	1,104.63	48.29	23.873		
6,300.00	6,229.21	6,405.84	6,240.12	17.95	31.61	-50.98	635.07	-1,747.57	1,142.28	1,093.44	48.84	23.390		
6,400.00	6,327.98	6,494.77	6,329.03	18.28	31.75	-51.42	637.19	-1,747.42	1,132.12	1,082.80	49.32	22.954		
6,500.00	6,426.74	6,594.11	6,428.36	18.62	31.91	-51.98	638.39	-1,747.65	1,122.51	1,072.70	49.81	22.535		
6,600.00	6,525.51	6,696.28	6,530.53	18.96	32.06	-52.60	638.98	-1,747.56	1,112.75	1,062.45	50.29	22.125		
6,700.00	6,624.10	6,797.63	6,631.88	19.31	32.20	-38.97	639.28	-1,747.17	1,101.40	1,050.63	50.77	21.693		
6,800.00	6,720.27	6,895.61	6,729.85	19.72	32.33	-24.79	639.14	-1,746.55	1,077.12	1,025.86	51.27	21.010		
6,900.00	6,811.45	6,988.22	6,822.46	20.26	32.45	-19.87	638.66	-1,745.77	1,038.04	986.25	51.79	20.044		
7,000.00	6,895.40	7,072.85	6,907.08	20.92	32.55	-18.35	638.10	-1,744.91	985.18	932.86	52.32	18.831		
7,100.00	6,970.06	7,147.55	6,981.78	21.76	32.65	-18.90	637.56	-1,744.07	919.98	867.13	52.85	17.407		
7,200.00	7,033.59	7,209.29	7,043.51	22.80	32.73	-21.44	637.09	-1,743.37	844.16	790.79	53.38	15.815		
7,300.00	7,084.42	7,258.44	7,092.65	24.07	32.79	-26.99	636.71	-1,742.87	759.74	705.85	53.89	14.097		
7,400.00	7,121.31	7,293.95	7,128.17	25.61	32.83	-38.28	636.44	-1,742.54	668.85	614.44	54.41	12.292		
7,500.00	7,143.34	7,314.90	7,149.11	27.37	32.86	-60.78	636.28	-1,742.35	573.86	518.91	54.96	10.442		
7,600.00	7,150.07	7,320.74	7,154.96	29.30	32.87	-89.97	636.24	-1,742.30	477.34	421.76	55.58	8.589		
7,700.00	7,150.71	7,320.55	7,154.77	31.37	32.87	-89.89	636.24	-1,742.30	381.95	325.50	56.46	6.765		
7,800.00	7,151.35	7,320.36	7,154.57	33.58	32.87	-89.80	636.24	-1,742.30	289.69	231.82	57.88	5.005		
7,900.00	7,151.99	7,320.17	7,154.38	35.90	32.87	-89.72	636.24	-1,742.31	204.83	144.73	60.11	3.408		
8,000.00	7,152.64	7,319.98	7,154.19	38.31	32.87	-89.63	636.24	-1,742.31	141.39	79.54	61.85	2.286		
8,059.83	7,153.02	7,319.86	7,154.08	39.80	32.87	-89.58	636.24	-1,742.31	128.10	67.12	60.99	2.100	CC, ES, SF	
8,100.00	7,153.28	7,319.78	7,154.00	40.80	32.87	-89.54	636.24	-1,742.31	134.25	74.12	60.14	2.232		
8,200.00	7,153.92	7,319.59	7,153.80	43.34	32.87	-89.46	636.25	-1,742.31	189.89	132.81	57.08	3.327		
8,300.00	7,154.56	7,319.40	7,153.61	45.94	32.87	-89.37	636.25	-1,742.31	272.20	217.44	54.76	4.971		
8,400.00	7,155.20	7,319.20	7,153.41	48.58	32.86	-89.28	636.25	-1,742.31	363.49	309.78	53.71	6.767		
8,500.00	7,155.84	7,319.00	7,153.22	51.25	32.86	-89.19	636.25	-1,742.32	458.43	405.16	53.27	8.605		
8,600.00	7,156.48	7,318.81	7,153.02	53.95	32.86	-89.11	636.25	-1,742.32	555.15	502.05	53.10	10.455		
8,700.00	7,157.12	7,318.61	7,152.82	56.68	32.86	-89.02	636.25	-1,742.32	652.86	599.82	53.04	12.308		
8,800.00	7,157.77	7,318.41	7,152.62	59.43	32.86	-88.93	636.25	-1,742.32	751.17	698.12	53.05	14.161		
8,900.00	7,158.41	7,318.21	7,152.42	62.20	32.86	-88.84	636.26	-1,742.32	849.88	796.80	53.08	16.011		
9,000.00	7,159.05	7,318.01	7,152.22	64.99	32.86	-88.75	636.26	-1,742.32	948.85	895.72	53.13	17.858		
9,100.00	7,159.69	7,317.81	7,152.02	67.79	32.86	-88.66	636.26	-1,742.33	1,048.03	994.83	53.19	19.703		
9,200.00	7,160.33	7,317.60	7,151.82	70.61	32.86	-88.57	636.26	-1,742.33	1,147.34	1,094.08	53.26	21.543		

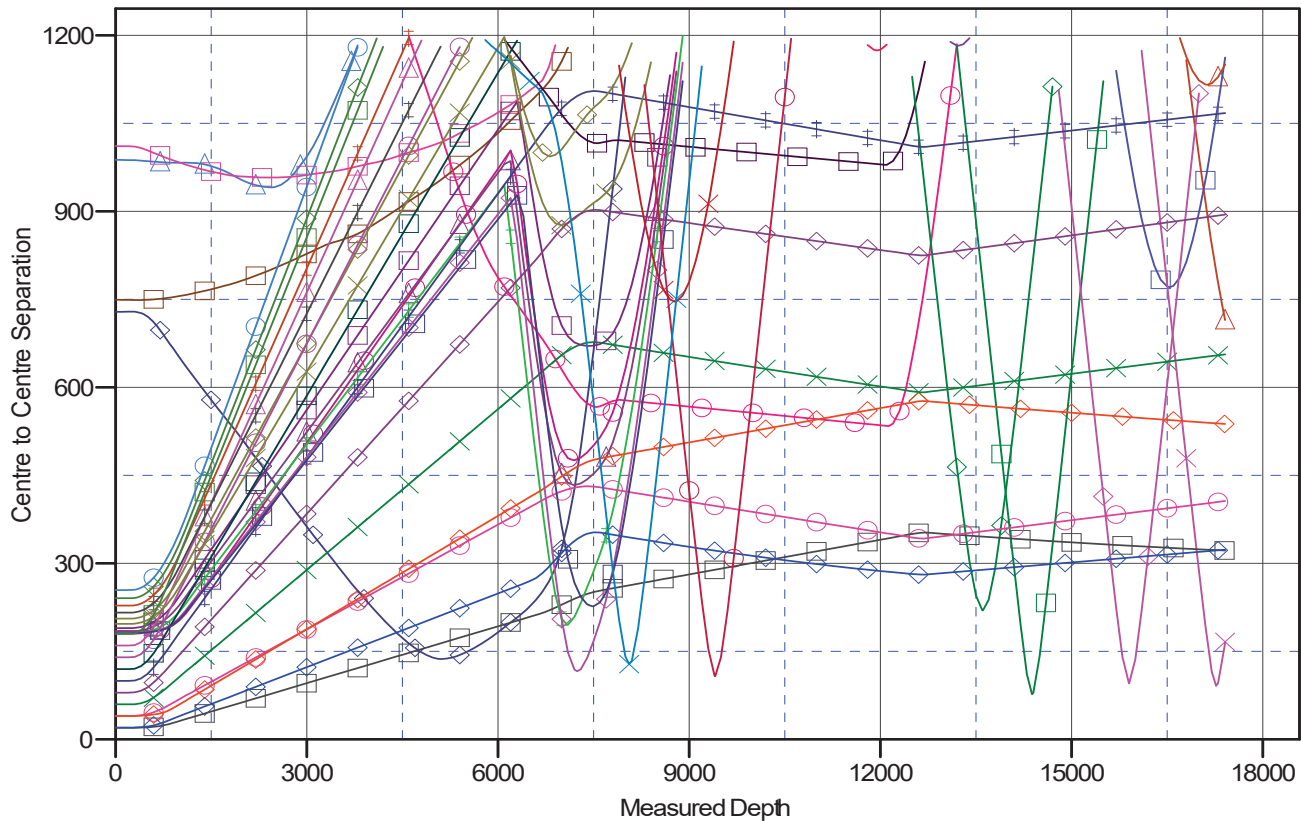
Offset Design												5N-67W-12 Offsets - DETIENNE 17-12 - Noble Energy PR Well - Actual Strata Surveys	Offset Site Error:	0.00 usft
Survey Program:												96-SRC Energy_ISCWSA REV 2 MWD	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	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	7,151.99	7,247.70	7,145.02	35.90	28.12	-88.88	1.73	-2,441.29	1,148.77	1,088.94	59.83	19.199		
8,000.00	7,152.64	7,248.20	7,145.53	38.31	28.12	-88.92	1.72	-2,441.29	1,074.70	1,012.39	62.31	17.248		
8,100.00	7,153.28	7,248.70	7,146.03	40.80	28.12	-88.96	1.71	-2,441.29	1,005.13	940.04	65.09	15.442		
8,200.00	7,153.92	7,249.20	7,146.53	43.34	28.13	-89.00	1.71	-2,441.29	941.05	872.90	68.15	13.809		
8,300.00	7,154.56	7,249.70	7,147.03	45.94	28.13	-89.03	1.70	-2,441.29	883.68	812.27	71.40	12.376		
8,400.00	7,155.20	7,250.19	7,147.52	48.58	28.13	-89.07	1.69	-2,441.29	834.38	759.67	74.71	11.169		
8,500.00	7,155.84	7,250.68	7,148.01	51.25	28.13	-89.11	1.69	-2,441.28	794.66	716.81	77.85	10.208		
8,600.00	7,156.48	7,251.17	7,148.50	53.95	28.13	-89.15	1.68	-2,441.28	766.02	685.46	80.56	9.509		
8,700.00	7,157.12	7,251.66	7,148.99	56.68	28.13	-89.19	1.67	-2,441.28	749.72	667.16	82.56	9.081		
8,773.51	7,157.60	7,252.01	7,149.34	58.70	28.13	-89.21	1.67	-2,441.28	746.11	662.63	83.48	8.938	CC, ES	
8,800.00	7,157.77	7,252.14	7,149.47	59.43	28.13	-89.22	1.67	-2,441.28	746.58	662.90	83.68	8.922	SF	
8,900.00	7,158.41	7,252.62	7,149.95	62.20	28.13	-89.26	1.66	-2,441.28	756.75	672.91	83.84	9.026		
9,000.00	7,159.05	7,253.10	7,150.43	64.99	28.13	-89.30	1.65	-2,441.28	779.73	696.55	83.18	9.374		
9,100.00	7,159.69	7,253.57	7,150.90	67.79	28.13	-89.33	1.65	-2,441.28	814.41	732.52	81.89	9.945		
9,200.00	7,160.33	7,254.04	7,151.37	70.61	28.13	-89.37	1.64	-2,441.28	859.40	779.17	80.23	10.712		
9,300.00	7,160.97	7,254.51	7,151.84	73.43	28.13	-89.40	1.64	-2,441.28	913.16	834.77	78.39	11.649		
9,400.00	7,161.61	7,254.98	7,152.31	76.27	28.13	-89.44	1.63	-2,441.28	974.25	897.71	76.53	12.730		
9,500.00	7,162.26	7,255.44	7,152.77	79.11	28.13	-89.48	1.62	-2,441.27	1,041.37	966.62	74.75	13.932		
9,600.00	7,162.90	7,255.91	7,153.23	81.97	28.14	-89.51	1.62	-2,441.27	1,113.44	1,040.36	73.07	15.237		
9,700.00	7,163.54	7,256.36	7,153.69	84.82	28.14	-89.55	1.61	-2,441.27	1,189.55	1,118.01	71.54	16.628		

Offset Design												5N-67W-12 Offsets - SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_2° CONE_2.448, 805-SRC Energy_ISCWSA REV 2 MWD	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	
8,300.00	7,154.56	7,768.34	7,182.42	45.94	61.52	-90.39	624.93	-3,093.00	1,115.65	1,031.59	84.06	13.272		
8,400.00	7,155.20	7,768.25	7,182.33	48.58	61.52	-90.35	624.93	-3,093.00	1,016.16	931.69	84.47	12.030		
8,500.00	7,155.84	7,768.17	7,182.25	51.25	61.52	-90.30	624.93	-3,093.00	916.79	831.81	84.98	10.789		
8,600.00	7,156.48	7,768.08	7,182.16	53.95	61.52	-90.26	624.93	-3,093.00	817.56	731.94	85.62	9.549		
8,700.00	7,157.12	7,768.00	7,182.08	56.68	61.52	-90.21	624.93	-3,093.00	718.55	632.09	86.46	8.311		
8,800.00	7,157.77	7,767.91	7,181.99	59.43	61.52	-90.17	624.93	-3,093.00	619.86	532.26	87.60	7.076		
8,900.00	7,158.41	7,767.83	7,181.91	62.20	61.52	-90.12	624.93	-3,093.00	521.67	432.45	89.21	5.847		
9,000.00	7,159.05	7,767.75	7,181.83	64.99	61.52	-90.08	624.93	-3,093.00	424.32	332.68	91.64	4.630		
9,100.00	7,159.69	7,767.66	7,181.74	67.79	61.52	-90.03	624.93	-3,093.00	328.57	233.03	95.54	3.439		
9,200.00	7,160.33	7,767.58	7,181.66	70.61	61.52	-89.99	624.93	-3,093.00	236.36	134.13	102.23	2.312		
9,300.00	7,160.97	7,767.50	7,181.58	73.43	61.52	-89.95	624.93	-3,093.00	154.20	41.02	113.18	1.362	Level 3	
9,400.00	7,161.61	7,767.42	7,181.50	76.27	61.52	-89.90	624.93	-3,093.00	108.11	-7.34	115.45	0.936	Level 1, ES, SF	
9,410.45	7,161.68	7,767.41	7,181.49	76.57	61.52	-89.90	624.93	-3,093.00	107.60	-6.34	113.94	0.944	Level 1, CC	
9,500.00	7,162.26	7,767.34	7,181.42	79.11	61.52	-89.86	624.93	-3,093.00	139.99	38.49	101.50	1.379	Level 3	
9,600.00	7,162.90	7,767.25	7,181.33	81.97	61.52	-89.82	624.93	-3,093.00	217.96	126.35	91.61	2.379		
9,700.00	7,163.54	7,767.17	7,181.25	84.82	61.52	-89.77	624.93	-3,093.00	308.90	222.49	86.41	3.575		
9,800.00	7,164.18	7,767.09	7,181.17	87.69	61.52	-89.73	624.93	-3,093.00	404.14	320.26	83.88	4.818		
9,900.00	7,164.82	7,767.01	7,181.09	90.56	61.52	-89.69	624.93	-3,093.01	501.23	418.62	82.62	6.067		
10,000.00	7,165.46	7,766.93	7,181.01	93.44	61.52	-89.64	624.93	-3,093.01	599.29	517.31	81.98	7.310		
10,100.00	7,166.10	7,766.85	7,180.93	96.32	61.52	-89.60	624.93	-3,093.01	697.89	616.23	81.66	8.546		
10,200.00	7,166.74	7,766.78	7,180.86	99.21	61.52	-89.56	624.93	-3,093.01	796.85	715.33	81.52	9.775		
10,300.00	7,167.39	7,766.70	7,180.78	102.10	61.52	-89.52	624.93	-3,093.01	896.03	814.56	81.47	10.998		
10,400.00	7,168.03	7,766.62	7,180.70	104.99	61.52	-89.48	624.93	-3,093.01	995.38	913.90	81.48	12.216		
10,500.00	7,168.67	7,766.54	7,180.62	107.89	61.52	-89.44	624.93	-3,093.01	1,094.85	1,013.32	81.53	13.428		
10,600.00	7,169.31	7,766.46	7,180.54	110.79	61.52	-89.39	624.93	-3,093.01	1,194.41	1,112.80	81.60	14.637		

Reference Depths are relative to RKB = 20' @ 4898.00usft (PD 462)
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000

Coordinates are relative to: BOST FARM 4C-11-L
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.43°

Ladder Plot



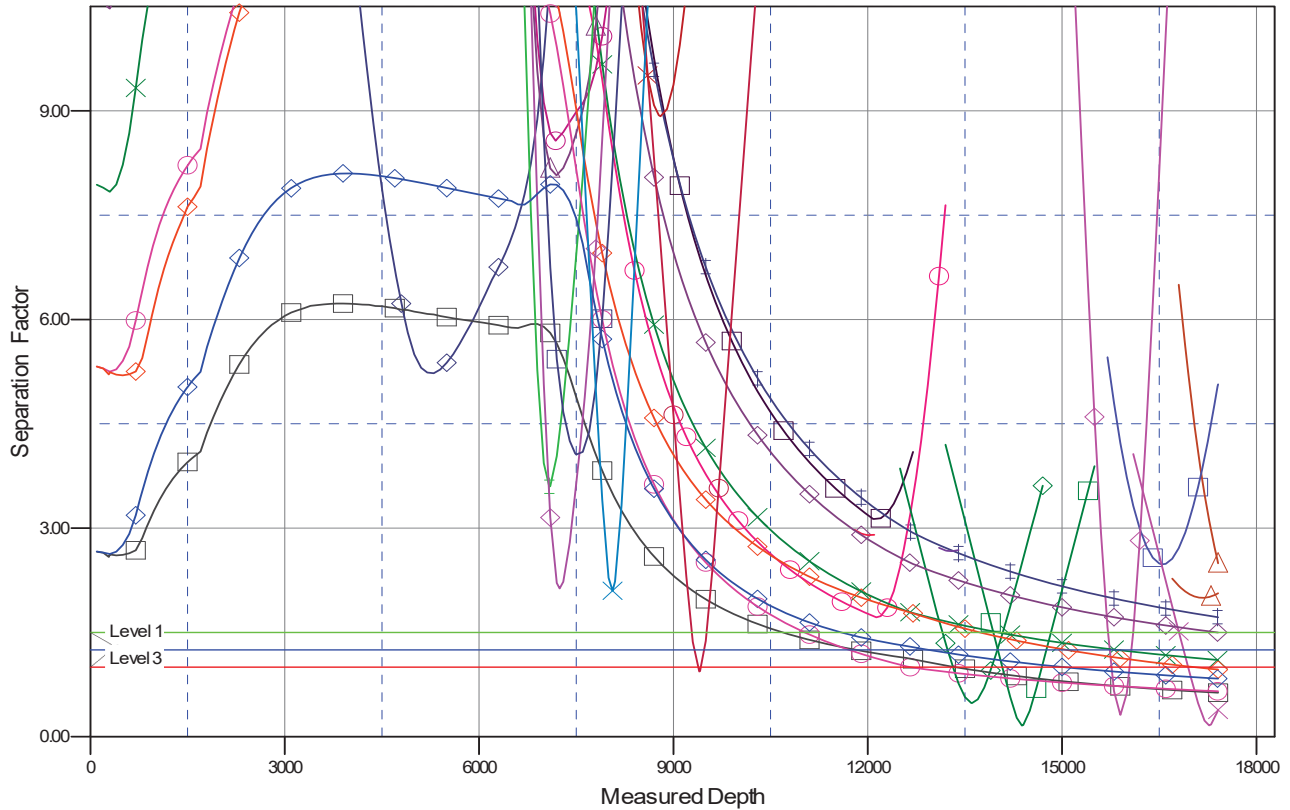
LEGEND

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|--|---|--|
| <ul style="list-style-type: none"> UPRC7-4#6, Noble Energy PRWell, Actual VES Surveys V0 NAPOLEON7-6, Noble Energy PRWell, Actual VES Surveys V0 NAPOLEON7-3, Noble Energy PRWell, Actual VES Surveys V0 UPRC7-9#6, Noble Energy PRWell, Actual VES Surveys V0 Greely#10#1-1#SRCEnergyPlannedWell, Planned Ensign Drednal Surveys V0 Greely#10#1-1#SRCEnergyPlannedWell, Planned Ensign Drednal Surveys V0 HERTZKE1-33, SRCEnergy/SWell, No Surveys V0 SkwayFederal31-11, Noble Energy PRWell, Actual State Surveys V0 ARTIST 11-12, SRCEnergy/SWell, No Surveys V0 SKWAY 18 11, Noble Energy PRWell, Actual State Surveys V0 SWAFFORD1-11, SRCEnergy PRWell, No Surveys V0 SKWAY4-11, Noble Energy PRWell, No Surveys V0 SKWAY3-11, Approximate, Noble Energy PRWell, Partial Surveys Mixed with Planned Surveys V0 BOSTFARM1N11CL, Wellbore #1, Design #1 V0 | <ul style="list-style-type: none"> BOSTFARM0N11CL, Wellbore #1, Design #1 V0 BOSTFARM26N8BL, Wellbore #1, Design #1 V0 BOSTFARM1N8CL, Wellbore #1, Design #1 V0 BOSTFARM1C8-L, Wellbore #1, Design #1 V0 BOSTFARM0C8-L, Wellbore #1, Design #1 V0 BOSTFARM1N8BL, Wellbore #1, Design #1 V0 BOSTFARM0N8BL, Wellbore #1, Design #1 V0 BOSTFARM32N11CL, Wellbore #1, Design #1 V0 BOSTFARM8N8CL, Wellbore #1, Design #1 V0 BOSTFARM0C11-L, Wellbore #1, Design #1 V0 BOSTFARM1C11-L, Wellbore #1, Design #1 V0 BOSTFARM0N11BL, Wellbore #1, Design #1 V0 BOSTFARM1N8AL, Wellbore #1, Design #1 V0 BOSTFARM1N8CL, Wellbore #1, Design #1 V0 | <ul style="list-style-type: none"> BOSTFARM6C8-L, Wellbore #1, Design #1 V0 BOSTFARM5N11A-L, Wellbore #1, Design #1 V0 BOSTFARM26C8-L, Wellbore #1, Design #1 V0 BOSTFARM6C11-L, Wellbore #1, Design #1 V0 BOSTFARM1N11BL, Wellbore #1, Design #1 V0 BOSTFARM1N8BL, Wellbore #1, Design #1 V0 BOSTFARM3N11BL, Wellbore #1, Design #1 V0 BOSTFARM2C11-L, Wellbore #1, Design #1 V0 SHEEP2-12, SRCEnergy PRWell, Actual MS Energy Surveys V0 DETENNE17-12, Noble Energy PRWell, Actual State Surveys V0 DETENNE1-12, Noble Energy PRWell, Actual State Surveys V0 RIDDOLPH2-33, PDC Energy PRWell, No Surveys V0 AutredN2-16, SRCEnergy PRWell, No Surveys V0 |
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Reference Depths are relative to RKB = 20' @ 4898.00usft (PD 462)
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000

Coordinates are relative to: BOST FARM 4C-11-L
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.43°

Separation Factor Plot



LEGEND

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|--|---|--|
| <ul style="list-style-type: none"> UFRCT-4-B, Noble Energy PRWell, Actual VES Surveys V0 NAPOLION7-6, Noble Energy PRWell, Actual VES Surveys V0 NAPOLION7-3, Noble Energy PRWell, Actual VES Surveys V0 UFRCT-9-B, Noble Energy PRWell, Actual VES Surveys V0 GreeleyAthe1-8-SRCEnergyPlannedWellPlannedEnign DrednalSurveysV0 GreeleyAthe1-9-SRCEnergyPlannedWellPlannedEnign DrednalSurveysV0 HERTZKE1-33, SRCEnergy/SWell, No Surveys V0 SkwayFederal31-11, Noble Energy PRWell, Actual Strats Surveys V0 ARTIST 11-12, SRCEnergy/SWell, No Surveys V0 SKYWAY18-11, Noble Energy PRWell, Actual Strats Surveys V0 SWAFFORD11-11, SRCEnergy PRWell, No Surveys V0 SKYWAY41-1, Noble Energy PRWell, No Surveys V0 SKYWAY31-1, Approximate, Noble Energy PRWell, Partial Surveys Mixed with Planned Surveys V0 BOST FARM1N11CL, Wellbore #1, Design #1 V0 | <ul style="list-style-type: none"> BOST FARM0N11CL, Wellbore #1, Design #1 V0 BOST FARM0N8BL, Wellbore #1, Design #1 V0 BOST FARM1N8CL, Wellbore #1, Design #1 V0 BOST FARM1C8-L, Wellbore #1, Design #1 V0 BOST FARM0C8-L, Wellbore #1, Design #1 V0 BOST FARM1N8BL, Wellbore #1, Design #1 V0 BOST FARM0N8BL, Wellbore #1, Design #1 V0 BOST FARM0N11CL, Wellbore #1, Design #1 V0 BOST FARM0N8CL, Wellbore #1, Design #1 V0 BOST FARM0C11-L, Wellbore #1, Design #1 V0 BOST FARM0N11BL, Wellbore #1, Design #1 V0 BOST FARM1N8AL, Wellbore #1, Design #1 V0 BOST FARM1N8CL, Wellbore #1, Design #1 V0 | <ul style="list-style-type: none"> BOST FARM0C8-L, Wellbore #1, Design #1 V0 BOST FARM5N11A-L, Wellbore #1, Design #1 V0 BOST FARM0C8-L, Wellbore #1, Design #1 V0 BOST FARM0C11-L, Wellbore #1, Design #1 V0 BOST FARM1N11BL, Wellbore #1, Design #1 V0 BOST FARM1N8BL, Wellbore #1, Design #1 V0 BOST FARM3N11BL, Wellbore #1, Design #1 V0 BOST FARM0C11-L, Wellbore #1, Design #1 V0 SHEEP2-12, SRCEnergy PRWell, Actual MS Energy Surveys V0 DETENNE1-12, Noble Energy PRWell, Actual Strats Surveys V0 DETENNE1-12, Noble Energy PRWell, Actual Strats Surveys V0 RUDOLPH2-33, PDC Energy PRWell, No Surveys V0 AufrechN2-16, SRCEnergy PRWell, No Surveys V0 |
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