

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
5N-66W-07 BOST FARM 5-7 PAD
BOST FARM 30N-11C-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	17,334.07	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	262.34	264.56	184.14	176.52	24.172	CC, ES
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	7,112.98	7,594.68	422.41	368.09	7.777	SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	7,333.99	7,506.41	117.27	62.01	2.122	CC, ES, SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	7,565.43	7,378.60	12.94	-44.82	0.224	Level 1, CC, ES, SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	259.99	262.32	180.96	173.35	23.761	CC, ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,301.50	7,525.95	244.13	188.23	4.367	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	283.82	283.63	19.72	12.08	2.582	CC
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	17,334.43	17,302.95	225.45	-378.39	0.373	Level 1, ES, SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.836	CC
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.836	ES
BOST FARM 31C-11-L - Wellbore #1 - Design #1	300.00	299.34	120.35	112.70	15.726	SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	200.00	99.82	92.25	13.189	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.01	200.01	99.82	92.25	13.189	ES
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	17,334.43	17,177.77	1,110.97	488.97	1.786	SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	200.00	79.79	72.22	10.542	CC
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.03	200.03	79.79	72.22	10.542	ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	17,334.43	17,257.41	879.05	255.69	1.410	Level 3, SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	200.00	200.00	192.43	26.425	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	300.00	297.21	200.70	193.05	26.233	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	179.97	172.40	23.778	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	300.00	297.67	180.65	172.99	23.611	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	269.03	261.47	35.543	CC
BOST FARM 40C-8-L - Wellbore #1 - Design #1	200.00	202.00	269.03	261.47	35.543	ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	400.00	389.13	273.47	265.71	35.230	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	200.00	202.00	254.40	246.83	33.610	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	400.00	389.91	258.61	250.85	33.312	SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 41C-8-L - Wellbore #1 - Design #1	253.58	256.21	196.79	189.18	25.859	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	7,800.00	7,157.80	915.21	856.31	15.539	SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	251.95	254.95	216.26	208.65	28.421	CC, ES

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 41N-8A-L - Wellbore #1 - Design #1	400.00	393.32	219.53	211.76	28.262	SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	251.82	254.82	205.71	198.10	27.035	CC, ES
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	7,900.00	7,000.00	1,173.05	1,114.01	19.868	SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	257.62	260.06	189.65	182.04	24.909	CC, ES
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	7,500.00	7,308.36	664.41	609.32	12.060	SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	200.00	20.03	12.46	2.647	CC
BOST FARM 4C-11-L - Wellbore #1 - Design #1	17,334.43	17,409.82	322.01	-186.70	0.633	Level 1, ES, SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	200.00	60.11	52.54	7.941	CC, ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	17,334.43	17,372.04	679.59	72.39	1.119	Level 2, SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	200.00	40.07	32.51	5.295	CC
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	17,334.43	17,204.16	444.06	-172.65	0.720	Level 1, ES, SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	200.00	159.93	152.36	21.130	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	300.00	298.14	160.57	152.92	20.986	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	200.00	139.90	132.33	18.485	CC
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	200.00	139.90	132.33	18.485	ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	300.00	298.72	140.49	132.83	18.359	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	200.00	203.00	240.77	233.20	31.807	CC
BOST FARM 8C-8-L - Wellbore #1 - Design #1	204.00	207.00	240.77	233.20	31.796	ES
BOST FARM 8C-8-L - Wellbore #1 - Design #1	400.00	391.61	244.76	236.99	31.521	SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	200.00	203.00	227.86	220.29	30.101	CC
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	203.73	206.73	227.86	220.28	30.092	ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	400.00	392.56	231.48	223.71	29.805	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	2,608.01	2,576.18	916.61	902.11	63.243	CC
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	2,700.00	2,666.23	916.77	901.93	61.794	ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	6,600.00	6,502.69	1,125.29	1,091.89	33.686	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	2,242.72	2,266.25	919.75	906.49	69.412	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	3,100.00	2,998.73	1,017.44	1,001.35	63.240	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	4,352.72	4,276.14	227.97	205.31	10.059	CC
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	4,400.00	4,322.69	228.11	205.19	9.954	ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	4,600.00	4,517.43	232.99	209.06	9.736	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	300.00	284.23	762.57	755.12	102.286	CC, ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	5,800.00	5,726.02	1,199.52	1,170.81	41.782	SF

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-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
TC AIMS 1-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 2-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 3-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 4-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS C4-9-11 - Extraction PR Well (Plan Only) - Plan						Out of range
TC AIMS C5-9-11 - Extraction PR Well (Plan Only) - Plan						Out of range
TC COUNTRY CLUB WEST 1-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST A2-9-11 - Extraction PR We						Out of range
TC COUNTRY CLUB WEST C1-9-11 - Extraction PR We						Out of range
TC COUNTRY CLUB WEST C3-9-11 - Extraction PR We						Out of range
TC HILAND KNOLLS 1-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 2-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 3-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 4-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS C6-9-11 - Extraction PR Well (Plan						Out of range
TC HILAND KNOLLS C7-9-11 - Extraction PR Well (Plan						Out of range
TC MOISER HILL 2-9-11 - Extraction PR Well (Plan Only						Out of range
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only						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
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	12,019.91	11,906.67	713.21	418.14	2.417	CC, ES, SF
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann	12,069.99	11,969.62	335.20	120.02	1.558	CC, ES, SF
HERTZKE 1-33 - SRC Energy SI Well - No Surveys	11,895.21	7,052.51	868.68	468.79	2.172	CC
HERTZKE 1-33 - SRC Energy SI Well - No Surveys	11,900.00	7,052.50	868.70	468.62	2.171	ES, SF
5N-67W-02 Offsets Incomplete						
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys	13,135.56	7,060.97	872.22	435.56	1.997	CC, ES
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys	13,200.00	7,060.79	874.60	435.98	1.994	SF
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys	17,040.54	7,035.84	858.19	307.18	1.557	CC, ES
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys	17,100.00	7,035.67	860.24	307.68	1.557	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

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-67W-11 Offsets Need Directional Surveys						
ARTIST 11-12 - SRC Energy SI Well - No Surveys	14,306.40	7,087.63	217.54	-254.57	0.461	Level 1, CC, ES, SF
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S	16,477.43	7,157.64	1,031.80	720.75	3.317	CC, ES
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S	16,500.00	7,157.56	1,032.05	720.78	3.316	SF
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S						Out of range
SKYWAY 3-11 Approximation - Noble Energy PR Well - *	15,833.50	7,251.14	369.19	64.61	1.212	Level 2, CC, ES, SF
SKYWAY 4-11 - Noble Energy PR Well - No Surveys	17,195.94	7,037.39	164.49	-391.16	0.296	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	17,334.43	7,139.07	937.32	629.55	3.046	CC, ES, SF
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys	13,533.17	7,072.84	85.18	-363.62	0.190	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
DETENNE 1-12 - Noble PR Well - Actual Strata Surveys	7,986.72	7,206.62	365.09	303.92	5.968	CC, ES
DETENNE 1-12 - Noble PR Well - Actual Strata Surveys	8,000.00	7,206.44	365.33	304.12	5.968	SF
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	8,688.57	7,128.09	994.54	911.04	11.911	CC
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	8,700.00	7,128.06	994.61	910.98	11.893	ES
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	8,800.00	7,127.87	1,000.76	916.27	11.845	SF
DETENNE 24-12 - Noble Energy PR Well - Actual Strata						Out of range
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energ	9,300.00	7,642.78	370.52	254.94	3.206	SF
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energ	9,337.09	7,642.51	368.66	254.14	3.219	CC, ES
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energ						Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range

Offset Design

5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1

Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1

Offset Site Error: 0.00 usft

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	-102.10	-38.61	-180.15	184.24				
100.00	100.00	103.00	103.00	3.28	3.28	-102.10	-38.61	-180.15	184.24	176.71	7.53	24.476	
200.00	200.00	203.00	203.00	3.30	3.30	-102.10	-38.61	-180.15	184.24	176.67	7.57	24.340	
262.34	262.34	264.56	264.56	3.33	3.33	-66.94	-38.60	-180.18	184.14	176.52	7.62	24.172	CC, ES
300.00	300.00	300.28	300.27	3.35	3.35	-66.89	-38.46	-180.56	184.46	176.81	7.65	24.101	
400.00	399.93	395.11	395.05	3.41	3.40	-67.26	-37.32	-183.59	185.96	178.19	7.77	23.930	
500.00	499.68	489.87	489.59	3.50	3.49	-68.00	-35.08	-189.54	188.91	180.98	7.93	23.833	
600.00	599.13	584.49	583.73	3.62	3.59	-69.07	-31.75	-198.41	193.35	185.23	8.12	23.805	
700.00	698.15	678.93	677.33	3.76	3.72	-70.42	-27.33	-210.15	199.35	190.99	8.37	23.830	
800.00	796.65	773.15	770.25	3.93	3.88	-72.01	-21.85	-224.74	207.02	198.35	8.66	23.897	
900.00	894.97	867.13	862.37	4.14	4.08	-73.29	-15.31	-242.13	217.09	208.08	9.02	24.073	
1,000.00	993.30	960.73	953.46	4.37	4.32	-73.94	-7.75	-262.25	229.74	220.32	9.42	24.381	
1,100.00	1,091.62	1,057.05	1,046.56	4.62	4.62	-74.14	0.95	-285.39	244.48	234.59	9.89	24.713	
1,200.00	1,189.95	1,155.92	1,142.04	4.89	4.95	-74.27	9.98	-309.42	259.47	249.04	10.42	24.891	
1,300.00	1,288.28	1,254.79	1,237.51	5.18	5.32	-74.38	19.01	-333.45	274.45	263.46	10.99	24.972	
1,400.00	1,386.60	1,353.66	1,332.99	5.48	5.70	-74.49	28.05	-357.48	289.44	277.85	11.59	24.970	
1,500.00	1,484.93	1,452.53	1,428.47	5.78	6.11	-74.58	37.08	-381.51	304.43	292.23	12.21	24.940	
1,600.00	1,583.25	1,551.40	1,523.95	6.10	6.52	-74.66	46.11	-405.54	319.43	306.57	12.85	24.857	
1,700.00	1,681.58	1,650.27	1,619.42	6.43	6.95	-74.74	55.14	-429.57	334.42	320.91	13.51	24.751	
1,800.00	1,779.90	1,749.14	1,714.90	6.61	7.29	-74.81	64.18	-453.61	349.41	335.66	13.75	25.414	
1,900.00	1,878.23	1,848.00	1,810.38	6.66	7.46	-74.88	73.21	-477.64	364.40	350.66	13.75	26.510	
2,000.00	1,976.55	1,946.87	1,905.86	6.72	7.55	-74.94	82.24	-501.67	379.39	365.52	13.87	27.346	
2,100.00	2,074.88	2,045.74	2,001.34	6.82	7.67	-74.99	91.28	-525.70	394.39	380.34	14.05	28.075	
2,200.00	2,173.20	2,144.61	2,096.81	6.93	7.82	-75.04	100.31	-549.73	409.38	395.11	14.27	28.696	
2,300.00	2,271.53	2,243.48	2,192.29	7.06	8.00	-75.09	109.34	-573.76	424.37	409.85	14.53	29.213	
2,400.00	2,369.86	2,342.35	2,287.77	7.21	8.21	-75.13	118.37	-597.79	439.37	424.54	14.83	29.633	
2,500.00	2,468.18	2,441.22	2,383.25	7.37	8.45	-75.18	127.41	-621.82	454.36	439.20	15.17	29.961	
2,600.00	2,566.51	2,540.09	2,478.72	7.56	8.70	-75.21	136.44	-645.85	469.36	453.82	15.54	30.206	
2,700.00	2,664.83	2,638.96	2,574.20	7.75	8.98	-75.25	145.47	-669.88	484.35	468.41	15.94	30.378	
2,800.00	2,763.16	2,737.83	2,669.68	7.97	9.28	-75.28	154.51	-693.91	499.35	482.97	16.38	30.486	

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						
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
2,900.00	2,861.48	2,836.69	2,765.16	8.19	9.59	-75.32	163.54	-717.95	514.34	497.50	16.84	30.538	
3,000.00	2,959.81	2,935.56	2,860.63	8.43	9.93	-75.35	172.57	-741.98	529.34	512.01	17.33	30.542	
3,100.00	3,058.13	3,034.43	2,956.11	8.68	10.27	-75.38	181.60	-766.01	544.33	526.49	17.84	30.507	
3,200.00	3,156.46	3,133.30	3,051.59	8.93	10.63	-75.40	190.64	-790.04	559.33	540.95	18.38	30.438	
3,300.00	3,254.79	3,232.17	3,147.07	9.20	11.00	-75.43	199.67	-814.07	574.32	555.40	18.93	30.342	
3,400.00	3,353.11	3,331.04	3,242.55	9.47	11.38	-75.45	208.70	-838.10	589.32	569.82	19.50	30.224	
3,500.00	3,451.44	3,429.91	3,338.02	9.76	11.76	-75.48	217.73	-862.13	604.32	584.23	20.08	30.089	
3,600.00	3,549.76	3,528.78	3,433.50	10.05	12.16	-75.50	226.77	-886.16	619.31	598.63	20.69	29.939	
3,700.00	3,648.09	3,627.65	3,528.98	10.34	12.57	-75.52	235.80	-910.19	634.31	613.01	21.30	29.780	
3,800.00	3,746.41	3,726.51	3,624.46	10.65	12.98	-75.54	244.83	-934.22	649.30	627.38	21.93	29.613	
3,900.00	3,844.74	3,825.38	3,719.93	10.95	13.40	-75.56	253.87	-958.25	664.30	641.74	22.56	29.440	
4,000.00	3,943.06	3,924.25	3,815.41	11.27	13.82	-75.58	262.90	-982.29	679.30	656.08	23.21	29.264	
4,100.00	4,041.39	4,023.12	3,910.89	11.58	14.25	-75.59	271.93	-1,006.32	694.29	670.42	23.87	29.086	
4,200.00	4,139.71	4,121.99	4,006.37	11.90	14.69	-75.61	280.96	-1,030.35	709.29	684.75	24.54	28.907	
4,300.00	4,238.04	4,220.86	4,101.84	12.23	15.12	-75.63	290.00	-1,054.38	724.29	699.08	25.21	28.729	
4,400.00	4,336.37	4,319.73	4,197.32	12.56	15.57	-75.64	299.03	-1,078.41	739.28	713.39	25.89	28.552	
4,500.00	4,434.69	4,418.60	4,292.80	12.89	16.01	-75.66	308.06	-1,102.44	754.28	727.70	26.58	28.377	
4,600.00	4,533.02	4,517.47	4,388.28	13.22	16.46	-75.67	317.10	-1,126.47	769.28	742.00	27.28	28.204	
4,700.00	4,631.34	4,616.34	4,483.76	13.56	16.92	-75.68	326.13	-1,150.50	784.27	756.30	27.98	28.034	
4,800.00	4,729.67	4,715.20	4,579.23	13.90	17.37	-75.70	335.16	-1,174.53	799.27	770.59	28.68	27.866	
4,900.00	4,827.99	4,814.07	4,674.71	14.24	17.83	-75.71	344.19	-1,198.56	814.27	784.87	29.39	27.703	
5,000.00	4,926.32	4,912.94	4,770.19	14.59	18.29	-75.72	353.23	-1,222.59	829.26	799.15	30.11	27.543	
5,100.00	5,024.64	5,011.81	4,865.67	14.94	18.75	-75.73	362.26	-1,246.63	844.26	813.43	30.83	27.386	
5,200.00	5,122.97	5,110.68	4,961.14	15.29	19.22	-75.74	371.29	-1,270.66	859.26	827.70	31.55	27.233	
5,300.00	5,221.29	5,209.55	5,056.62	15.64	19.69	-75.76	380.33	-1,294.69	874.25	841.97	32.28	27.084	
5,400.00	5,319.62	5,308.42	5,152.10	15.99	20.15	-75.77	389.36	-1,318.72	889.25	856.24	33.01	26.939	
5,500.00	5,417.95	5,407.29	5,247.58	16.34	20.62	-75.78	398.39	-1,342.75	904.25	870.50	33.74	26.797	
5,600.00	5,516.27	5,506.16	5,343.05	16.70	21.10	-75.79	407.42	-1,366.78	919.24	884.76	34.48	26.659	
5,700.00	5,614.60	5,605.02	5,438.53	17.06	21.57	-75.80	416.46	-1,390.81	934.24	899.02	35.22	26.525	
5,800.00	5,712.92	5,703.89	5,534.01	17.41	22.05	-75.81	425.49	-1,414.84	949.24	913.27	35.96	26.394	
5,900.00	5,811.25	5,802.76	5,629.49	17.77	22.52	-75.81	434.52	-1,438.87	964.23	927.53	36.71	26.267	
6,000.00	5,909.57	5,901.63	5,724.97	18.14	23.00	-75.82	443.56	-1,462.90	979.23	941.77	37.46	26.143	
6,100.00	6,007.90	6,000.50	5,820.44	18.50	23.48	-75.83	452.59	-1,486.93	994.23	956.02	38.21	26.022	
6,200.00	6,106.22	7,877.19	6,983.89	18.86	37.47	-153.62	546.34	-621.38	925.03	890.98	34.06	27.162	
6,300.00	6,204.55	7,868.69	6,983.70	19.22	37.30	-152.50	546.44	-629.88	837.89	802.34	35.55	23.568	
6,400.00	6,302.88	7,860.19	6,983.51	19.59	37.12	-151.39	546.54	-638.38	753.85	716.43	37.42	20.146	
6,500.00	6,401.20	7,851.68	6,983.32	19.95	36.95	-150.26	546.65	-646.88	674.07	634.31	39.76	16.955	
6,600.00	6,499.49	7,842.85	6,983.12	20.32	36.77	-143.50	546.75	-655.71	600.28	557.64	42.64	14.079	
6,700.00	6,595.97	7,823.39	6,982.69	20.73	36.37	-128.18	546.99	-675.16	535.72	489.83	45.88	11.676	
6,800.00	6,687.96	7,788.85	6,981.92	21.24	35.68	-120.89	547.40	-709.69	484.27	435.14	49.13	9.857	
6,900.00	6,773.19	7,740.08	6,980.83	21.88	34.75	-114.48	547.99	-758.45	448.55	396.67	51.87	8.647	
7,000.00	6,849.58	7,678.27	6,979.46	22.67	33.62	-107.36	548.74	-820.24	428.81	375.20	53.61	7.998	
7,100.00	6,915.22	7,604.95	6,977.82	23.64	32.34	-99.66	549.62	-893.54	422.48	368.21	54.27	7.785	
7,112.98	6,922.87	7,594.68	6,977.59	23.79	32.18	-98.65	549.74	-903.81	422.41	368.09	54.32	7.777 SF	
7,200.00	6,968.52	7,524.55	6,975.97	24.83	31.08	-92.20	550.62	-976.54	424.88	370.58	54.30	7.825	
7,300.00	7,008.15	7,441.50	6,968.97	26.26	29.90	-85.82	551.11	-1,056.60	431.94	378.03	53.91	8.012	
7,400.00	7,033.14	7,364.72	6,952.96	27.92	28.93	-80.11	550.71	-1,131.65	442.27	388.94	53.33	8.293	
7,500.00	7,042.87	7,290.83	6,929.17	29.76	28.12	-75.15	549.53	-1,201.55	454.58	401.93	52.64	8.635	
7,600.00	7,042.76	7,221.05	6,899.44	31.74	27.48	-71.47	547.71	-1,264.61	470.22	418.39	51.83	9.072	
7,700.00	7,042.47	7,158.55	6,867.13	33.87	27.02	-67.86	545.52	-1,318.03	493.80	443.15	50.65	9.749	
7,800.00	7,042.19	7,100.00	6,832.26	36.12	26.67	-64.19	543.01	-1,364.98	526.12	476.90	49.22	10.689	
7,900.00	7,041.90	7,050.00	6,799.20	38.48	26.44	-60.95	540.52	-1,402.39	567.18	519.51	47.66	11.900	
8,000.00	7,041.62	7,012.38	6,772.44	40.91	26.30	-58.50	538.46	-1,428.75	616.34	570.19	46.15	13.356	
8,100.00	7,041.33	6,975.24	6,744.57	43.42	26.19	-56.09	536.26	-1,453.18	672.82	628.00	44.82	15.012	
8,200.00	7,041.05	6,950.00	6,724.83	45.98	26.12	-54.48	534.69	-1,468.83	735.62	691.92	43.70	16.831	
8,300.00	7,040.76	6,914.04	6,695.68	48.59	26.04	-52.23	532.33	-1,489.75	803.57	760.76	42.81	18.769	
8,400.00	7,040.48	6,900.00	6,683.99	51.24	26.01	-51.38	531.37	-1,497.47	876.17	834.03	42.14	20.793	
8,500.00	7,040.19	6,866.33	6,655.29	53.92	25.96	-49.37	529.00	-1,514.90	952.12	910.52	41.59	22.891	
8,600.00	7,039.90	6,850.00	6,641.04	56.63	25.94	-48.42	527.82	-1,522.80	1,031.31	990.10	41.21	25.026	
8,700.00	7,039.62	6,828.48	6,621.98	59.37	25.91	-47.21	526.22	-1,532.64	1,113.02	1,072.11	40.91	27.206	
8,800.00	7,039.33	6,800.00	6,596.25	62.13	25.88	-45.65	524.05	-1,544.67	1,197.07	1,156.40	40.68	29.430	

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						
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	-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	
271.25	271.25	273.06	273.06	3.33	3.33	-60.74	-18.53	-180.23	180.97	173.34	7.63	23.730	
300.00	300.00	300.39	300.39	3.35	3.35	-60.67	-18.36	-180.54	181.27	173.62	7.65	23.684	
400.00	399.93	395.45	395.38	3.41	3.41	-60.97	-16.78	-183.37	182.36	174.59	7.77	23.463	
500.00	499.68	490.46	490.18	3.50	3.49	-61.59	-13.67	-188.96	184.48	176.56	7.93	23.269	
600.00	599.13	585.40	584.64	3.62	3.59	-62.49	-9.04	-197.28	187.66	179.54	8.12	23.099	
700.00	698.15	680.25	678.63	3.76	3.72	-63.65	-2.90	-208.33	191.95	183.58	8.37	22.941	
800.00	796.65	774.97	772.04	3.93	3.89	-65.02	4.75	-222.06	197.44	188.78	8.66	22.792	
900.00	894.97	869.55	864.73	4.14	4.09	-66.05	13.88	-238.46	205.15	196.14	9.02	22.754	
1,000.00	993.30	963.81	956.44	4.37	4.33	-66.44	24.45	-257.45	215.38	205.96	9.42	22.869	
1,100.00	1,091.62	1,058.30	1,047.63	4.62	4.62	-66.29	36.50	-279.10	228.04	218.18	9.87	23.113	
1,200.00	1,189.95	1,157.36	1,142.90	4.89	4.96	-65.95	49.70	-302.81	241.62	231.23	10.39	23.244	
1,300.00	1,288.28	1,256.43	1,238.18	5.18	5.34	-65.65	62.90	-326.53	255.21	244.25	10.96	23.290	
1,400.00	1,386.60	1,355.49	1,333.45	5.48	5.74	-65.38	76.10	-350.24	268.80	257.25	11.55	23.265	
1,500.00	1,484.93	1,454.56	1,428.72	5.78	6.16	-65.14	89.29	-373.96	282.40	270.24	12.16	23.219	
1,600.00	1,583.25	1,553.62	1,524.00	6.10	6.59	-64.92	102.49	-397.67	296.01	283.21	12.80	23.123	
1,700.00	1,681.58	1,652.69	1,619.27	6.43	7.04	-64.72	115.69	-421.38	309.61	296.16	13.46	23.011	
1,800.00	1,779.90	1,751.75	1,714.55	6.61	7.39	-64.53	128.89	-445.10	323.22	309.54	13.68	23.628	
1,900.00	1,878.23	1,850.81	1,809.82	6.66	7.56	-64.36	142.09	-468.81	336.84	323.17	13.66	24.651	
2,000.00	1,976.55	1,949.88	1,905.09	6.72	7.65	-64.20	155.29	-492.52	350.46	336.67	13.78	25.427	
2,100.00	2,074.88	2,048.94	2,000.37	6.82	7.79	-64.06	168.49	-516.24	364.07	350.13	13.95	26.103	
2,200.00	2,173.20	2,148.01	2,095.64	6.93	7.95	-63.92	181.69	-539.95	377.70	363.54	14.16	26.680	
2,300.00	2,271.53	2,247.07	2,190.92	7.06	8.14	-63.80	194.89	-563.66	391.32	376.91	14.41	27.161	
2,400.00	2,369.86	2,346.14	2,286.19	7.21	8.37	-63.68	208.09	-587.38	404.94	390.24	14.70	27.550	
2,500.00	2,468.18	2,445.20	2,381.47	7.37	8.62	-63.57	221.29	-611.09	418.57	403.54	15.03	27.855	
2,600.00	2,566.51	2,544.26	2,476.74	7.56	8.89	-63.47	234.48	-634.81	432.20	416.81	15.39	28.084	
2,700.00	2,664.83	2,643.33	2,572.01	7.75	9.19	-63.37	247.68	-658.52	445.83	430.04	15.78	28.244	
2,800.00	2,763.16	2,742.39	2,667.29	7.97	9.50	-63.28	260.88	-682.23	459.46	443.25	16.21	28.345	
2,900.00	2,861.48	2,841.46	2,762.56	8.19	9.84	-63.20	274.08	-705.95	473.09	456.43	16.66	28.394	
3,000.00	2,959.81	2,940.52	2,857.84	8.43	10.19	-63.12	287.28	-729.66	486.72	469.58	17.14	28.399	
3,100.00	3,058.13	3,039.58	2,953.11	8.68	10.55	-63.04	300.48	-753.37	500.35	482.71	17.64	28.368	
3,200.00	3,156.46	3,138.65	3,048.38	8.93	10.93	-62.97	313.68	-777.09	513.99	495.83	18.16	28.305	
3,300.00	3,254.79	3,237.71	3,143.66	9.20	11.32	-62.90	326.88	-800.80	527.62	508.92	18.70	28.218	
3,400.00	3,353.11	3,336.78	3,238.93	9.47	11.71	-62.84	340.08	-824.52	541.26	522.00	19.26	28.110	
3,500.00	3,451.44	3,435.84	3,334.21	9.76	12.12	-62.77	353.28	-848.23	554.89	535.06	19.83	27.985	
3,600.00	3,549.76	3,534.91	3,429.48	10.05	12.54	-62.72	366.48	-871.94	568.53	548.11	20.42	27.848	
3,700.00	3,648.09	3,633.97	3,524.76	10.34	12.97	-62.66	379.67	-895.66	582.16	561.15	21.02	27.702	
3,800.00	3,746.41	3,733.03	3,620.03	10.65	13.40	-62.61	392.87	-919.37	595.80	574.17	21.63	27.548	
3,900.00	3,844.74	3,832.10	3,715.30	10.95	13.84	-62.56	406.07	-943.08	609.44	587.19	22.25	27.390	
4,000.00	3,943.06	3,931.16	3,810.58	11.27	14.28	-62.51	419.27	-966.80	623.08	600.19	22.88	27.228	
4,100.00	4,041.39	4,030.23	3,905.85	11.58	14.73	-62.46	432.47	-990.51	636.72	613.19	23.53	27.064	
4,200.00	4,139.71	4,129.29	4,001.13	11.90	15.19	-62.42	445.67	-1,014.22	650.36	626.18	24.18	26.899	
4,300.00	4,238.04	4,228.36	4,096.40	12.23	15.65	-62.37	458.87	-1,037.94	664.00	639.16	24.84	26.735	
4,400.00	4,336.37	4,327.42	4,191.67	12.56	16.11	-62.33	472.07	-1,061.65	677.64	652.13	25.50	26.572	
4,500.00	4,434.69	4,426.48	4,286.95	12.89	16.58	-62.29	485.27	-1,085.37	691.28	665.10	26.17	26.410	
4,600.00	4,533.02	4,525.55	4,382.22	13.22	17.05	-62.25	498.47	-1,109.08	704.92	678.07	26.85	26.251	
4,700.00	4,631.34	4,624.61	4,477.50	13.56	17.52	-62.22	511.67	-1,132.79	718.56	691.02	27.54	26.094	
4,800.00	4,729.67	4,723.68	4,572.77	13.90	18.00	-62.18	524.86	-1,156.51	732.20	703.97	28.23	25.940	
4,900.00	4,827.99	4,822.74	4,668.04	14.24	18.48	-62.15	538.06	-1,180.22	745.84	716.92	28.92	25.789	
5,000.00	4,926.32	4,921.81	4,763.32	14.59	18.96	-62.12	551.26	-1,203.93	759.48	729.86	29.62	25.641	
5,100.00	5,024.64	5,020.87	4,858.59	14.94	19.44	-62.08	564.46	-1,227.65	773.13	742.80	30.32	25.497	
5,200.00	5,122.97	5,119.93	4,953.87	15.29	19.93	-62.05	577.66	-1,251.36	786.77	755.74	31.03	25.356	
5,300.00	5,221.29	5,219.00	5,049.14	15.64	20.41	-62.02	590.86	-1,275.08	800.41	768.67	31.74	25.219	
5,400.00	5,319.62	5,318.06	5,144.42	15.99	20.90	-62.00	604.06	-1,298.79	814.05	781.60	32.45	25.084	
5,500.00	5,417.95	5,417.13	5,239.69	16.34	21.39	-61.97	617.26	-1,322.50	827.70	794.53	33.17	24.954	
5,600.00	5,516.27	5,516.19	5,334.96	16.70	21.89	-61.94	630.46	-1,346.22	841.34	807.45	33.89	24.826	
5,700.00	5,614.60	5,615.25	5,430.24	17.06	22.38	-61.92	643.66	-1,369.93	854.98	820.37	34.61	24.702	
5,800.00	5,712.92	5,714.32	5,525.51	17.41	22.88	-61.89	656.86	-1,393.64	868.63	833.29	35.34	24.582	
5,900.00	5,811.25	5,813.38	5,620.79	17.77	23.37	-61.87	670.05	-1,417.36	882.27	846.21	36.06	24.464	
6,000.00	5,909.57	5,912.45	5,716.06	18.14	23.87	-61.84	683.25	-1,441.07	895.91	859.12	36.79	24.350	
6,100.00	6,007.90	6,011.51	5,811.33	18.50	24.37	-61.82	696.45	-1,464.79	909.56	872.03	37.53	24.239	
6,200.00	6,106.22	6,110.58	5,906.61	18.86	24.87	-61.80	709.65	-1,488.50	923.20	884.94	38.26	24.130	
6,300.00	6,204.55	7,975.21	7,058.63	19.22	37.87	-175.49	868.97	-627.49	851.32	821.69	29.62	28.741	
6,400.00	6,302.88	7,966.89	7,058.44	19.59	37.70	-172.45	868.95	-635.80	752.79	722.84	29.94	25.139	

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									
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	6,401.20	7,958.57	7,058.26	19.95	37.54	-169.24	868.93	-644.11	654.59	624.25	30.35	21.570				
6,600.00	6,499.49	7,949.93	7,058.07	20.32	37.37	-165.38	868.90	-652.76	556.96	526.07	30.88	18.034				
6,700.00	6,595.97	7,930.65	7,057.65	20.73	36.99	-162.52	868.85	-672.03	461.70	430.10	31.60	14.613				
6,800.00	6,687.96	7,903.72	7,056.89	21.24	36.47	-159.85	868.75	-706.39	371.85	339.14	32.71	11.368				
6,900.00	6,773.19	7,847.66	7,055.83	21.88	35.44	-155.59	868.62	-755.00	290.48	256.00	34.48	8.424				
7,000.00	6,849.58	7,785.99	7,054.47	22.67	34.36	-148.88	868.44	-816.65	221.02	183.32	37.70	5.863				
7,100.00	6,915.22	7,712.78	7,052.87	23.64	33.17	-138.64	868.24	-889.84	167.49	124.53	42.96	3.898				
7,200.00	6,968.52	7,630.08	7,051.05	24.83	31.95	-124.43	868.01	-972.53	133.68	84.20	49.48	2.702				
7,300.00	7,008.15	7,536.67	7,042.56	26.26	30.74	-105.01	866.85	-1,065.46	118.37	63.67	54.70	2.164				
7,333.99	7,018.32	7,506.41	7,036.93	26.81	30.39	-97.96	866.08	-1,095.18	117.27	62.01	55.26	2.122	CC, ES, SF			
7,400.00	7,033.14	7,449.47	7,022.57	27.92	29.77	-84.62	864.11	-1,150.22	121.21	67.25	53.96	2.246				
7,500.00	7,042.87	7,367.08	6,993.31	29.76	29.03	-67.46	860.07	-1,227.08	139.33	90.79	48.53	2.871				
7,600.00	7,042.76	7,290.74	6,957.63	31.74	28.49	-55.76	855.15	-1,294.33	169.34	126.82	42.52	3.983				
7,700.00	7,042.47	7,224.06	6,920.14	33.87	28.13	-46.97	849.97	-1,349.19	213.75	175.98	37.77	5.659				
7,800.00	7,042.19	7,166.56	6,883.40	36.12	27.89	-40.67	844.89	-1,393.10	269.87	234.72	35.15	7.678				
7,900.00	7,041.90	7,117.23	6,848.85	38.48	27.74	-36.20	840.12	-1,427.98	334.81	300.68	34.13	9.810				
8,000.00	7,041.62	7,074.92	6,817.17	40.91	27.63	-32.99	835.74	-1,455.66	406.34	372.35	33.99	11.953				
8,100.00	7,041.33	7,038.54	6,788.52	43.42	27.55	-30.61	831.77	-1,477.72	482.86	448.59	34.28	14.087				
8,200.00	7,041.05	7,000.00	6,756.86	45.98	27.49	-28.44	827.40	-1,499.25	563.31	528.69	34.62	16.273				
8,300.00	7,040.76	6,979.81	6,739.78	48.59	27.46	-27.43	825.03	-1,509.74	646.59	611.36	35.23	18.354				
8,400.00	7,040.48	6,950.00	6,713.97	51.24	27.42	-26.06	821.46	-1,524.23	732.40	696.75	35.65	20.544				
8,500.00	7,040.19	6,935.02	6,700.76	53.92	27.41	-25.43	819.63	-1,531.04	820.03	783.84	36.19	22.657				
8,600.00	7,039.90	6,916.50	6,684.21	56.63	27.39	-24.70	817.34	-1,539.03	909.29	872.66	36.62	24.827				
8,700.00	7,039.62	6,900.00	6,669.27	59.37	27.38	-24.09	815.28	-1,545.74	999.84	962.82	37.02	27.008				
8,800.00	7,039.33	6,885.34	6,655.86	62.13	27.36	-23.58	813.42	-1,551.36	1,091.47	1,054.10	37.38	29.201				
8,900.00	7,039.05	6,872.14	6,643.68	64.90	27.35	-23.14	811.74	-1,556.16	1,184.02	1,146.31	37.70	31.402				

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
0.00	0.00	3.00	3.00	3.28	3.28	-89.53	1.46	-179.87	179.88				
100.00	100.00	103.00	103.00	3.28	3.28	-89.53	1.46	-179.87	179.88	172.35	7.53	23.896	
200.00	200.00	203.00	203.00	3.30	3.30	-89.53	1.46	-179.87	179.88	172.31	7.57	23.763	
268.43	268.43	270.34	270.34	3.33	3.33	-54.38	1.50	-179.93	179.70	172.08	7.62	23.572	
300.00	300.00	300.30	300.30	3.35	3.35	-54.32	1.69	-180.25	180.02	172.37	7.65	23.520	
400.00	399.93	395.20	395.13	3.41	3.41	-54.62	3.40	-183.00	180.90	173.13	7.77	23.276	
500.00	499.68	490.06	489.78	3.50	3.49	-55.24	6.76	-188.41	182.59	174.66	7.93	23.035	
600.00	599.13	584.86	584.10	3.62	3.59	-56.14	11.76	-196.48	185.13	177.01	8.12	22.798	
700.00	698.15	679.60	677.99	3.76	3.72	-57.32	18.40	-207.19	188.56	180.20	8.36	22.558	
800.00	796.65	774.24	771.31	3.93	3.88	-58.72	26.67	-220.52	192.99	184.34	8.65	22.316	
900.00	894.97	868.75	863.95	4.14	4.08	-59.79	36.54	-236.44	199.68	190.68	8.99	22.206	
1,000.00	993.30	962.98	955.64	4.37	4.33	-60.26	47.97	-254.89	209.02	199.64	9.38	22.276	
1,100.00	1,091.62	1,056.82	1,046.19	4.62	4.61	-60.20	60.94	-275.79	220.94	211.13	9.81	22.513	
1,200.00	1,189.95	1,155.94	1,141.43	4.89	4.96	-59.90	75.42	-299.15	234.11	223.78	10.33	22.657	
1,300.00	1,288.28	1,255.06	1,236.66	5.18	5.34	-59.63	89.91	-322.52	247.28	236.39	10.89	22.717	
1,400.00	1,386.60	1,354.19	1,331.90	5.48	5.74	-59.39	104.39	-345.88	260.45	248.98	11.47	22.707	
1,500.00	1,484.93	1,453.31	1,427.13	5.78	6.16	-59.17	118.88	-369.24	273.63	261.57	12.07	22.676	
1,600.00	1,583.25	1,552.43	1,522.37	6.10	6.60	-58.98	133.36	-392.60	286.81	274.12	12.69	22.593	
1,700.00	1,681.58	1,651.55	1,617.60	6.43	7.05	-58.80	147.85	-415.96	300.00	286.66	13.34	22.494	
1,800.00	1,779.90	1,750.68	1,712.84	6.61	7.40	-58.63	162.33	-439.32	313.19	299.63	13.55	23.106	
1,900.00	1,878.23	1,849.80	1,808.07	6.66	7.57	-58.48	176.82	-462.69	326.38	312.84	13.53	24.114	
2,000.00	1,976.55	1,948.92	1,903.31	6.72	7.67	-58.34	191.30	-486.05	339.57	325.92	13.65	24.881	
2,100.00	2,074.88	2,048.04	1,998.54	6.82	7.80	-58.21	205.79	-509.41	352.76	338.96	13.81	25.551	
2,200.00	2,173.20	2,147.17	2,093.78	6.93	7.97	-58.09	220.27	-532.77	365.96	351.95	14.01	26.125	
2,300.00	2,271.53	2,246.29	2,189.01	7.06	8.17	-57.98	234.76	-556.13	379.16	364.91	14.25	26.605	
2,400.00	2,369.86	2,345.41	2,284.25	7.21	8.39	-57.88	249.24	-579.50	392.36	377.82	14.53	26.996	
2,500.00	2,468.18	2,444.54	2,379.48	7.37	8.65	-57.78	263.73	-602.86	405.56	390.70	14.85	27.304	
2,600.00	2,566.51	2,543.66	2,474.72	7.56	8.92	-57.69	278.22	-626.22	418.76	403.55	15.21	27.537	
2,700.00	2,664.83	2,642.78	2,569.95	7.75	9.22	-57.61	292.70	-649.58	431.96	416.37	15.59	27.702	
2,800.00	2,763.16	2,741.90	2,665.19	7.97	9.54	-57.53	307.19	-672.94	445.16	429.15	16.01	27.809	
2,900.00	2,861.48	2,841.03	2,760.42	8.19	9.88	-57.45	321.67	-696.31	458.37	441.92	16.45	27.865	
3,000.00	2,959.81	2,940.15	2,855.66	8.43	10.23	-57.38	336.16	-719.67	471.57	454.65	16.92	27.876	
3,100.00	3,058.13	3,039.27	2,950.90	8.68	10.60	-57.31	350.64	-743.03	484.77	467.37	17.41	27.851	
3,200.00	3,156.46	3,138.39	3,046.13	8.93	10.98	-57.25	365.13	-766.39	497.98	480.06	17.92	27.795	
3,300.00	3,254.79	3,237.52	3,141.37	9.20	11.37	-57.19	379.61	-789.75	511.19	492.74	18.44	27.714	
3,400.00	3,353.11	3,336.64	3,236.60	9.47	11.78	-57.13	394.10	-813.12	524.39	505.40	18.99	27.612	
3,500.00	3,451.44	3,435.76	3,331.84	9.76	12.19	-57.07	408.58	-836.48	537.60	518.05	19.55	27.494	
3,600.00	3,549.76	3,534.89	3,427.07	10.05	12.61	-57.02	423.07	-859.84	550.81	530.68	20.13	27.363	
3,700.00	3,648.09	3,634.01	3,522.31	10.34	13.04	-56.97	437.55	-883.20	564.02	543.30	20.72	27.222	
3,800.00	3,746.41	3,733.13	3,617.54	10.65	13.48	-56.92	452.04	-906.56	577.22	555.90	21.32	27.073	
3,900.00	3,844.74	3,832.25	3,712.78	10.95	13.92	-56.88	466.52	-929.92	590.43	568.50	21.93	26.920	
4,000.00	3,943.06	3,931.38	3,808.01	11.27	14.37	-56.84	481.01	-953.29	603.64	581.09	22.56	26.762	
4,100.00	4,041.39	4,030.50	3,903.25	11.58	14.83	-56.79	495.49	-976.65	616.85	593.66	23.19	26.603	
4,200.00	4,139.71	4,129.62	3,998.48	11.90	15.28	-56.75	509.98	-1,000.01	630.06	606.23	23.83	26.443	
4,300.00	4,238.04	4,228.74	4,093.72	12.23	15.75	-56.72	524.46	-1,023.37	643.27	618.80	24.48	26.283	
4,400.00	4,336.37	4,327.87	4,188.95	12.56	16.22	-56.68	538.95	-1,046.73	656.48	631.35	25.13	26.123	
4,500.00	4,434.69	4,426.99	4,284.19	12.89	16.69	-56.64	553.43	-1,070.10	669.69	643.90	25.79	25.965	
4,600.00	4,533.02	4,526.11	4,379.42	13.22	17.16	-56.61	567.92	-1,093.46	682.90	656.44	26.46	25.809	
4,700.00	4,631.34	4,625.24	4,474.66	13.56	17.64	-56.58	582.40	-1,116.82	696.11	668.98	27.13	25.656	
4,800.00	4,729.67	4,724.36	4,569.89	13.90	18.12	-56.55	596.89	-1,140.18	709.33	681.51	27.81	25.505	
4,900.00	4,827.99	4,823.48	4,665.13	14.24	18.60	-56.52	611.38	-1,163.54	722.54	694.04	28.49	25.357	
5,000.00	4,926.32	4,922.60	4,760.36	14.59	19.09	-56.49	625.86	-1,186.91	735.75	706.57	29.18	25.212	
5,100.00	5,024.64	5,021.73	4,855.60	14.94	19.57	-56.46	640.35	-1,210.27	748.96	719.09	29.87	25.070	
5,200.00	5,122.97	5,120.85	4,950.83	15.29	20.06	-56.43	654.83	-1,233.63	762.17	731.60	30.57	24.932	
5,300.00	5,221.29	5,219.97	5,046.07	15.64	20.56	-56.41	669.32	-1,256.99	775.39	744.12	31.27	24.797	
5,400.00	5,319.62	5,319.09	5,141.30	15.99	21.05	-56.38	683.80	-1,280.35	788.60	756.63	31.97	24.665	
5,500.00	5,417.95	5,418.22	5,236.54	16.34	21.55	-56.36	698.29	-1,303.72	801.81	769.13	32.68	24.537	
5,600.00	5,516.27	5,517.34	5,331.77	16.70	22.04	-56.33	712.77	-1,327.08	815.02	781.64	33.39	24.411	
5,700.00	5,614.60	5,616.46	5,427.01	17.06	22.54	-56.31	727.26	-1,350.44	828.24	794.14	34.10	24.290	
5,800.00	5,712.92	5,715.59	5,522.24	17.41	23.04	-56.29	741.74	-1,373.80	841.45	806.64	34.81	24.171	
5,900.00	5,811.25	5,814.71	5,617.48	17.77	23.54	-56.27	756.23	-1,397.16	854.66	819.13	35.53	24.055	
6,000.00	5,909.57	5,913.83	5,712.71	18.14	24.04	-56.25	770.71	-1,420.52	867.87	831.63	36.25	23.943	
6,100.00	6,007.90	6,012.95	5,807.95	18.50	24.55	-56.23	785.20	-1,443.89	881.09	844.12	36.97	23.833	
6,200.00	6,106.22	6,112.08	5,903.18	18.86	25.05	-56.21	799.68	-1,467.25	894.30	856.61	37.69	23.727	
6,300.00	6,204.55	6,211.20	5,998.42	19.22	25.56	-56.19	814.17	-1,490.61	907.51	869.10	38.42	23.623	
6,400.00	6,302.88	6,308.75	6,093.65	19.59	26.06	-56.17	828.66	-1,513.97	920.72	881.61	39.14	23.519	

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		
6,500.00	6,401.20	8,078.88	7,165.31	19.95	37.99	141.64	986.74	-646.46	767.27	737.06	30.21	25.400			
6,600.00	6,499.49	8,070.18	7,165.12	20.32	37.83	146.24	986.75	-655.16	667.69	637.28	30.40	21.960			
6,700.00	6,595.97	8,050.85	7,164.70	20.73	37.46	159.56	986.77	-674.48	569.72	539.19	30.53	18.660			
6,800.00	6,687.96	8,016.43	7,163.94	21.24	36.81	166.30	986.80	-708.89	475.99	445.43	30.56	15.575			
6,900.00	6,773.19	7,967.77	7,162.87	21.88	35.94	170.07	986.85	-757.54	388.82	358.30	30.51	12.742			
7,000.00	6,849.58	7,906.05	7,161.52	22.67	34.87	172.55	986.92	-819.24	310.34	279.93	30.41	10.206			
7,100.00	6,915.22	7,832.81	7,159.91	23.64	33.73	174.43	986.99	-892.46	242.50	212.22	30.28	8.008			
7,200.00	6,968.52	7,751.44	7,158.09	24.83	32.56	176.01	987.07	-973.81	186.96	156.72	30.24	6.183			
7,300.00	7,008.15	7,634.91	7,146.01	26.26	31.15	178.28	985.75	-1,089.55	137.57	108.09	29.47	4.668			
7,400.00	7,033.14	7,530.54	7,117.65	27.92	30.13	-177.76	981.90	-1,189.79	86.99	56.35	30.63	2.839			
7,500.00	7,042.87	7,435.39	7,078.01	29.76	29.42	-164.57	976.29	-1,276.01	37.44	0.67	36.77	1.018	Level 2		
7,565.43	7,043.69	7,378.60	7,048.44	31.05	29.10	-97.76	972.03	-1,324.29	12.94	-44.82	57.76	0.224	Level 1, CC, ES, SF		
7,600.00	7,042.76	7,350.35	7,032.18	31.74	28.96	-47.61	969.68	-1,347.26	23.26	-14.02	37.28	0.624	Level 1		
7,700.00	7,042.47	7,279.28	6,986.95	33.87	28.69	-19.84	963.08	-1,401.64	84.50	52.79	31.71	2.665			
7,800.00	7,042.19	7,220.43	6,945.16	36.12	28.52	-15.09	956.95	-1,442.59	155.67	122.36	33.31	4.673			
7,900.00	7,041.90	7,171.69	6,907.84	38.48	28.42	-13.24	951.45	-1,473.43	232.74	198.01	34.73	6.702			
8,000.00	7,041.62	7,131.09	6,875.05	40.91	28.35	-12.28	946.60	-1,496.86	314.15	278.27	35.88	8.756			
8,100.00	7,041.33	7,100.00	6,848.97	43.42	28.31	-11.75	942.73	-1,513.34	398.86	361.94	36.92	10.804			
8,200.00	7,041.05	7,068.17	6,821.49	45.98	28.27	-11.33	938.65	-1,528.87	486.06	448.49	37.57	12.937			
8,300.00	7,040.76	7,050.00	6,805.47	48.59	28.25	-11.13	936.26	-1,537.10	575.33	536.97	38.36	14.999			
8,400.00	7,040.48	7,022.29	6,780.60	51.24	28.23	-10.87	932.56	-1,548.75	666.04	627.31	38.73	17.197			
8,500.00	7,040.19	7,000.00	6,760.26	53.92	28.21	-10.69	929.52	-1,557.33	758.10	718.99	39.11	19.383			
8,600.00	7,039.90	6,987.68	6,748.89	56.63	28.20	-10.60	927.82	-1,561.76	851.15	811.58	39.56	21.514			
8,700.00	7,039.62	6,973.43	6,735.63	59.37	28.19	-10.51	925.84	-1,566.60	945.06	905.17	39.90	23.687			
8,800.00	7,039.33	6,950.00	6,713.62	62.13	28.17	-10.37	922.55	-1,573.91	1,039.83	999.77	40.06	25.958			
8,900.00	7,039.05	6,950.00	6,713.62	64.90	28.17	-10.37	922.55	-1,573.91	1,134.90	1,094.43	40.46	28.048			

Offset Design5N-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		
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		
259.99	259.99	262.32	262.32	3.33	3.33	-48.01	21.51	-179.89	180.96	173.35	7.62	23.761	CC, ES	
300.00	300.00	300.26	300.25	3.35	3.35	-47.96	21.76	-180.22	181.26	173.61	7.65	23.682		
400.00	399.93	395.07	395.01	3.41	3.41	-48.21	23.71	-182.80	181.87	174.09	7.77	23.400		
500.00	499.68	489.86	489.58	3.50	3.49	-48.73	27.55	-187.87	183.01	175.08	7.93	23.087		
600.00	599.13	584.63	583.87	3.62	3.59	-49.49	33.27	-195.44	184.70	176.58	8.12	22.749		
700.00	698.15	679.36	677.76	3.76	3.72	-50.49	40.87	-205.48	186.99	178.64	8.35	22.382		
800.00	796.65	774.05	771.13	3.93	3.88	-51.70	50.33	-217.99	189.98	181.34	8.64	21.992		
900.00	894.97	868.65	863.85	4.14	4.08	-52.58	61.63	-232.94	195.15	186.18	8.97	21.746		
1,000.00	993.30	963.00	955.66	4.37	4.32	-52.90	74.74	-250.27	203.04	193.69	9.35	21.705		
1,100.00	1,091.62	1,056.88	1,046.26	4.62	4.61	-52.70	89.59	-269.90	213.59	203.82	9.78	21.850		
1,200.00	1,189.95	1,151.26	1,136.49	4.89	4.95	-52.08	106.27	-291.97	226.75	216.52	10.24	22.148		
1,300.00	1,288.28	1,250.22	1,230.79	5.18	5.35	-51.35	124.37	-315.90	240.82	230.04	10.78	22.338		
1,400.00	1,386.60	1,349.19	1,325.10	5.48	5.77	-50.70	142.47	-339.83	254.92	243.57	11.35	22.454		
1,500.00	1,484.93	1,448.15	1,419.40	5.78	6.22	-50.12	160.57	-363.76	269.05	257.11	11.94	22.539		
1,600.00	1,583.25	1,547.11	1,513.70	6.10	6.69	-49.60	178.67	-387.69	283.20	270.64	12.56	22.556		
1,700.00	1,681.58	1,646.07	1,608.01	6.43	7.17	-49.13	196.77	-411.62	297.37	284.19	13.18	22.555		
1,800.00	1,779.90	1,745.04	1,702.31	6.61	7.57	-48.70	214.87	-435.56	311.56	298.16	13.40	23.254		
1,900.00	1,878.23	1,844.00	1,796.61	6.66	7.76	-48.31	232.97	-459.49	325.77	312.39	13.37	24.358		
2,000.00	1,976.55	1,942.96	1,890.92	6.72	7.87	-47.95	251.07	-483.42	339.99	326.51	13.47	25.238		
2,100.00	2,074.88	2,041.92	1,985.22	6.82	8.02	-47.62	269.17	-507.35	354.22	340.60	13.61	26.019		
2,200.00	2,173.20	2,140.89	2,079.53	6.93	8.20	-47.31	287.27	-531.28	368.46	354.66	13.80	26.700		
2,300.00	2,271.53	2,239.85	2,173.83	7.06	8.42	-47.03	305.37	-555.22	382.71	368.68	14.03	27.283		
2,400.00	2,369.86	2,338.81	2,268.13	7.21	8.67	-46.77	323.47	-579.15	396.97	382.68	14.29	27.772		
2,500.00	2,468.18	2,437.77	2,362.44	7.37	8.95	-46.52	341.57	-603.08	411.24	396.64	14.60	28.172		
2,600.00	2,566.51	2,536.73	2,456.74	7.56	9.26	-46.30	359.67	-627.01	425.52	410.58	14.93	28.492		
2,700.00	2,664.83	2,635.70	2,551.04	7.75	9.59	-46.08	377.77	-650.94	439.80	424.49	15.30	28.738		
2,800.00	2,763.16	2,734.66	2,645.35	7.97	9.94	-45.88	395.87	-674.87	454.08	438.38	15.70	28.919		
2,900.00	2,861.48	2,833.62	2,739.65	8.19	10.31	-45.70	413.97	-698.81	468.37	452.25	16.13	29.044		
3,000.00	2,959.81	2,932.58	2,833.96	8.43	10.70	-45.52	432.07	-722.74	482.67	466.09	16.58	29.119		
3,100.00	3,058.13	3,031.55	2,928.26	8.68	11.10	-45.36	450.17	-746.67	496.97	479.92	17.05	29.153		
3,200.00	3,156.46	3,130.51	3,022.56	8.93	11.52	-45.20	468.27	-770.60	511.27	493.74	17.54	29.151		
3,300.00	3,254.79	3,229.47	3,116.87	9.20	11.95	-45.05	486.37	-794.53	525.58	507.53	18.05	29.119		
3,400.00	3,353.11	3,328.43	3,211.17	9.47	12.39	-44.91	504.47	-818.46	539.89	521.32	18.58	29.062		
3,500.00	3,451.44	3,427.39	3,305.47	9.76	12.85	-44.78	522.57	-842.40	554.21	535.09	19.12	28.985		
3,600.00	3,549.76	3,526.36	3,399.78	10.05	13.31	-44.65	540.67	-866.33	568.52	548.85	19.68	28.892		
3,700.00	3,648.09	3,625.32	3,494.08	10.34	13.77	-44.53	558.77	-890.26	582.84	562.60	20.25	28.786		
3,800.00	3,746.41	3,724.28	3,588.39	10.65	14.25	-44.42	576.87	-914.19	597.16	576.34	20.83	28.669		
3,900.00	3,844.74	3,823.24	3,682.69	10.95	14.73	-44.31	594.97	-938.12	611.49	590.07	21.42	28.545		
4,000.00	3,943.06	3,922.21	3,776.99	11.27	15.22	-44.20	613.07	-962.06	625.81	603.79	22.02	28.414		
4,100.00	4,041.39	4,021.17	3,871.30	11.58	15.71	-44.10	631.17	-985.99	640.14	617.51	22.64	28.280		
4,200.00	4,139.71	4,120.13	3,965.60	11.90	16.21	-44.01	649.27	-1,009.92	654.47	631.22	23.26	28.142		
4,300.00	4,238.04	4,219.09	4,059.90	12.23	16.71	-43.92	667.36	-1,033.85	668.80	644.92	23.88	28.003		
4,400.00	4,336.37	4,318.06	4,154.21	12.56	17.22	-43.83	685.46	-1,057.78	683.14	658.62	24.52	27.863		
4,500.00	4,434.69	4,417.02	4,248.51	12.89	17.73	-43.75	703.56	-1,081.71	697.47	672.31	25.16	27.723		
4,600.00	4,533.02	4,515.98	4,342.82	13.22	18.25	-43.67	721.66	-1,105.65	711.81	686.00	25.81	27.584		
4,700.00	4,631.34	4,614.94	4,437.12	13.56	18.76	-43.59	739.76	-1,129.58	726.14	699.69	26.46	27.446		
4,800.00	4,729.67	4,713.90	4,531.42	13.90	19.28	-43.52	757.86	-1,153.51	740.48	713.37	27.11	27.309		
4,900.00	4,827.99	4,812.87	4,625.73	14.24	19.81	-43.45	775.96	-1,177.44	754.82	727.04	27.78	27.175		
5,000.00	4,926.32	4,911.83	4,720.03	14.59	20.33	-43.38	794.06	-1,201.37	769.16	740.72	28.44	27.042		
5,100.00	5,024.64	5,010.79	4,814.33	14.94	20.86	-43.31	812.16	-1,225.31	783.50	754.39	29.11	26.912		
5,200.00	5,122.97	5,109.75	4,908.64	15.29	21.39	-43.25	830.26	-1,249.24	797.85	768.06	29.79	26.784		
5,300.00	5,221.29	5,208.72	5,002.94	15.64	21.92	-43.19	848.36	-1,273.17	812.19	781.72	30.47	26.659		
5,400.00	5,319.62	5,307.68	5,097.25	15.99	22.45	-43.13	866.46	-1,297.10	826.53	795.39	31.15	26.537		
5,500.00	5,417.95	5,406.64	5,191.55	16.34	22.99	-43.07	884.56	-1,321.03	840.88	809.05	31.83	26.417		
5,600.00	5,516.27	5,505.60	5,285.85	16.70	23.52	-43.01	902.66	-1,344.96	855.23	822.71	32.52	26.300		
5,700.00	5,614.60	5,604.57	5,380.16	17.06	24.06	-42.96	920.76	-1,368.90	869.57	836.37	33.21	26.186		
5,800.00	5,712.92	5,703.53	5,474.46	17.41	24.60	-42.91	938.86	-1,392.83	883.92	850.02	33.90	26.075		
5,900.00	5,811.25	5,802.49	5,568.77	17.77	25.14	-42.86	956.96	-1,416.76	898.27	863.67	34.59	25.966		
6,000.00	5,909.57	5,901.45	5,663.07	18.14	25.68	-42.81	975.06	-1,440.69	912.62	877.33	35.29	25.860		
6,100.00	6,007.90	6,000.41	5,757.37	18.50	26.22	-42.76	993.16	-1,464.62	926.97	890.98	35.99	25.756		
6,200.00	6,106.22	6,100.62	5,851.68	18.86	26.78	-42.72	1,011.26	-1,488.55	941.32	904.62	36.70	25.652		
6,300.00	6,204.55	7,966.51	6,993.45	19.22	38.95	51.43	1,222.91	-624.64	865.20	831.60	33.60	25.749		
6,400.00	6,302.88	7,958.05	6,993.27	19.59	38.79	49.56	1,222.93	-633.10	769.97	735.41	34.56	22.276		

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									
6,500.00	6,401.20	7,949.59	6,993.09	19.95	38.64	47.66	1,222.95	-641.55	676.02	640.21	35.81	18.880										
6,600.00	6,499.49	7,940.80	6,992.90	20.32	38.47	57.06	1,222.97	-650.34	583.99	546.52	37.46	15.589										
6,700.00	6,595.97	7,921.39	6,992.49	20.73	38.11	88.94	1,223.02	-669.75	496.37	456.78	39.59	12.538										
6,800.00	6,687.96	7,886.89	6,991.76	21.24	37.48	101.87	1,223.10	-704.24	416.99	374.67	42.32	9.853										
6,900.00	6,773.19	7,838.15	6,990.72	21.88	36.64	105.80	1,223.22	-752.97	349.74	304.01	45.73	7.647										
7,000.00	6,849.58	7,776.37	6,989.40	22.67	35.63	104.19	1,223.37	-814.74	298.34	248.79	49.55	6.021										
7,100.00	6,915.22	7,703.07	6,987.84	23.64	34.52	98.71	1,223.55	-888.02	265.04	212.08	52.96	5.005										
7,200.00	6,968.52	7,620.05	6,986.07	24.83	33.42	91.01	1,223.75	-971.02	248.74	193.60	55.14	4.511										
7,300.00	7,008.15	7,527.29	6,977.97	26.26	32.36	81.71	1,222.81	-1,063.34	244.13	188.24	55.89	4.368										
7,301.50	7,008.63	7,525.95	6,977.75	26.28	32.35	81.57	1,222.78	-1,064.67	244.13	188.23	55.90	4.367 SF										
7,400.00	7,033.14	7,440.24	6,958.46	27.92	31.53	72.27	1,219.65	-1,148.05	248.20	191.91	56.30	4.409										
7,500.00	7,042.87	7,357.90	6,929.73	29.76	30.90	63.30	1,214.68	-1,224.99	259.51	203.09	56.42	4.600										
7,600.00	7,042.76	7,281.55	6,894.59	31.74	30.45	55.89	1,208.43	-1,292.44	278.23	221.97	56.26	4.945										
7,700.00	7,042.47	7,214.76	6,857.53	33.87	30.16	49.08	1,201.74	-1,347.56	308.50	252.99	55.51	5.558										
7,800.00	7,042.19	7,157.09	6,821.13	36.12	29.96	43.19	1,195.10	-1,391.77	350.72	296.33	54.39	6.449										
7,900.00	7,041.90	7,107.57	6,786.85	38.48	29.83	38.35	1,188.81	-1,426.92	403.61	350.41	53.20	7.586										
8,000.00	7,041.62	7,065.07	6,755.36	40.91	29.74	34.45	1,183.00	-1,454.86	465.29	413.13	52.16	8.921										
8,100.00	7,041.33	7,028.50	6,726.85	43.42	29.68	31.33	1,177.72	-1,477.14	533.91	482.60	51.31	10.405										
8,200.00	7,041.05	7,000.00	6,703.79	45.98	29.64	29.05	1,173.43	-1,493.33	607.97	557.22	50.76	11.979										
8,300.00	7,040.76	6,969.45	6,678.31	48.59	29.60	26.76	1,168.69	-1,509.50	686.24	636.09	50.15	13.684										
8,400.00	7,040.48	6,950.00	6,661.71	51.24	29.58	25.39	1,165.59	-1,519.14	767.88	718.00	49.88	15.395										
8,500.00	7,040.19	6,924.38	6,639.41	53.92	29.56	23.68	1,161.43	-1,531.04	852.12	802.65	49.47	17.226										
8,600.00	7,039.90	6,900.00	6,617.77	56.63	29.54	22.15	1,157.38	-1,541.51	938.57	889.45	49.12	19.107										
8,700.00	7,039.62	6,900.00	6,617.77	59.37	29.54	22.15	1,157.38	-1,541.51	1,026.83	977.57	49.26	20.845										
8,800.00	7,039.33	6,874.39	6,594.63	62.13	29.52	20.64	1,153.04	-1,551.59	1,116.27	1,067.35	48.92	22.818										

Offset Design5N-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
0.00	0.00	0.00	0.00	3.28	3.28	0.80	20.04	0.28	20.04				
100.00	100.00	100.00	100.00	3.28	3.28	0.80	20.04	0.28	20.04	12.52	7.53	2.663	
200.00	200.00	200.00	200.00	3.30	3.30	0.80	20.04	0.28	20.04	12.47	7.57	2.648	
283.82	283.82	283.63	283.63	3.34	3.34	36.79	20.21	0.18	19.72	12.08	7.64	2.582	CC
300.00	300.00	299.70	299.70	3.35	3.35	36.13	20.41	0.06	20.06	12.41	7.65	2.621	
400.00	399.93	399.11	399.04	3.41	3.41	36.83	23.38	-1.70	20.20	12.42	7.78	2.597	
500.00	499.68	498.51	498.20	3.50	3.50	38.18	29.31	-5.21	20.49	12.55	7.94	2.580	
600.00	599.13	597.92	597.06	3.62	3.62	40.14	38.20	-10.46	20.95	12.80	8.15	2.571	
700.00	698.15	697.32	695.51	3.76	3.75	42.61	50.04	-17.46	21.60	13.19	8.41	2.569	
800.00	796.65	796.72	793.41	3.93	3.92	45.29	64.81	-26.20	22.53	13.81	8.72	2.584	
900.00	894.97	903.67	890.92	4.14	4.15	44.49	82.28	-36.53	25.20	16.10	9.11	2.768	
1,000.00	993.30	996.28	988.65	4.37	4.38	43.08	100.31	-47.19	28.35	18.83	9.51	2.980	
1,100.00	1,091.62	1,103.78	1,086.38	4.62	4.67	41.96	118.35	-57.86	31.50	21.51	9.99	3.153	
1,200.00	1,189.95	1,203.83	1,184.11	4.89	4.96	41.04	136.38	-68.52	34.67	24.19	10.48	3.307	
1,300.00	1,288.28	1,296.12	1,281.83	5.18	5.25	40.27	154.41	-79.19	37.85	26.87	10.98	3.447	
1,400.00	1,386.60	1,403.93	1,379.56	5.48	5.60	39.62	172.45	-89.85	41.03	29.49	11.54	3.556	
1,500.00	1,484.93	1,503.98	1,477.29	5.78	5.93	39.06	190.48	-100.52	44.21	32.12	12.09	3.656	
1,600.00	1,583.25	1,604.03	1,575.02	6.10	6.28	38.58	208.51	-111.18	47.40	34.73	12.66	3.743	
1,700.00	1,681.58	1,704.09	1,672.74	6.43	6.63	38.16	226.55	-121.85	50.59	37.35	13.24	3.820	
1,800.00	1,779.90	1,804.14	1,770.47	6.61	6.82	37.79	244.58	-132.51	53.78	40.62	13.16	4.086	
1,900.00	1,878.23	1,904.19	1,868.20	6.66	6.87	37.47	262.61	-143.18	56.98	43.76	13.21	4.312	
2,000.00	1,976.55	2,004.24	1,965.93	6.72	6.96	37.17	280.65	-153.84	60.17	46.87	13.31	4.522	
2,100.00	2,074.88	2,104.29	2,063.66	6.82	7.06	36.91	298.68	-164.51	63.37	49.93	13.44	4.716	
2,200.00	2,173.20	2,195.66	2,161.38	6.93	7.18	36.67	316.71	-175.17	66.57	52.97	13.60	4.896	
2,300.00	2,271.53	2,304.40	2,259.11	7.06	7.34	36.45	334.75	-185.84	69.77	55.96	13.81	5.052	
2,400.00	2,369.86	2,404.45	2,356.84	7.21	7.51	36.26	352.78	-196.50	72.97	58.93	14.05	5.195	
2,500.00	2,468.18	2,504.50	2,454.57	7.37	7.70	36.07	370.82	-207.17	76.18	61.86	14.32	5.320	
2,600.00	2,566.51	2,604.55	2,552.30	7.56	7.91	35.91	388.85	-217.83	79.38	64.76	14.62	5.430	
2,700.00	2,664.83	2,695.40	2,650.02	7.75	8.11	35.75	406.88	-228.50	82.58	67.65	14.93	5.531	
2,800.00	2,763.16	2,804.65	2,747.75	7.97	8.37	35.61	424.92	-239.16	85.79	70.49	15.30	5.607	
2,900.00	2,861.48	2,895.30	2,845.48	8.19	8.60	35.48	442.95	-249.83	88.99	73.33	15.66	5.682	
3,000.00	2,959.81	2,995.24	2,943.21	8.43	8.87	35.36	460.98	-260.49	92.20	76.13	16.06	5.740	
3,100.00	3,058.13	3,104.81	3,040.94	8.68	9.17	35.24	479.02	-271.16	95.40	78.90	16.50	5.781	
3,200.00	3,156.46	3,195.14	3,138.66	8.93	9.43	35.14	497.05	-281.82	98.61	81.68	16.92	5.827	
3,300.00	3,254.79	3,304.91	3,236.39	9.20	9.75	35.04	515.08	-292.49	101.81	84.41	17.40	5.850	
3,400.00	3,353.11	3,404.96	3,334.12	9.47	10.06	34.94	533.12	-303.15	105.02	87.14	17.88	5.874	
3,500.00	3,451.44	3,505.01	3,431.85	9.76	10.37	34.85	551.15	-313.82	108.23	89.86	18.37	5.892	
3,600.00	3,549.76	3,594.93	3,529.58	10.05	10.66	34.77	569.18	-324.48	111.43	92.59	18.85	5.913	
3,700.00	3,648.09	3,694.88	3,627.30	10.34	10.98	34.69	587.22	-335.15	114.64	95.28	19.36	5.921	
3,800.00	3,746.41	3,805.17	3,725.03	10.65	11.35	34.62	605.25	-345.81	117.85	97.93	19.92	5.917	
3,900.00	3,844.74	3,905.22	3,822.76	10.95	11.69	34.55	623.28	-356.48	121.05	100.60	20.45	5.918	
4,000.00	3,943.06	4,005.27	3,920.49	11.27	12.03	34.48	641.32	-367.14	124.26	103.26	21.00	5.917	
4,100.00	4,041.39	4,105.32	4,018.21	11.58	12.38	34.42	659.35	-377.81	127.47	105.91	21.56	5.912	
4,200.00	4,139.71	4,205.37	4,115.94	11.90	12.74	34.35	677.38	-388.47	130.68	108.55	22.13	5.906	
4,300.00	4,238.04	4,305.43	4,213.67	12.23	13.09	34.30	695.42	-399.14	133.89	111.19	22.70	5.899	
4,400.00	4,336.37	4,394.52	4,311.40	12.56	13.41	34.24	713.45	-409.80	137.09	113.85	23.25	5.898	
4,500.00	4,434.69	4,505.53	4,409.13	12.89	13.82	34.19	731.48	-420.47	140.30	116.44	23.86	5.879	
4,600.00	4,533.02	4,605.58	4,506.85	13.22	14.18	34.14	749.52	-431.13	143.51	119.05	24.46	5.868	
4,700.00	4,631.34	4,705.63	4,604.58	13.56	14.55	34.09	767.55	-441.80	146.72	121.66	25.06	5.856	
4,800.00	4,729.67	4,805.68	4,702.31	13.90	14.92	34.05	785.58	-452.46	149.93	124.27	25.66	5.843	
4,900.00	4,827.99	4,905.74	4,800.04	14.24	15.30	34.00	803.62	-463.13	153.14	126.87	26.27	5.830	
5,000.00	4,926.32	5,005.79	4,897.77	14.59	15.67	33.96	821.65	-473.79	156.35	129.47	26.88	5.816	
5,100.00	5,024.64	5,094.16	4,995.49	14.94	16.01	33.92	839.68	-484.46	159.56	132.10	27.46	5.811	
5,200.00	5,122.97	5,205.89	5,093.22	15.29	16.43	33.88	857.72	-495.12	162.76	134.65	28.12	5.789	
5,300.00	5,221.29	5,294.06	5,190.95	15.64	16.77	33.84	875.75	-505.79	165.97	137.27	28.70	5.782	
5,400.00	5,319.62	5,405.99	5,288.68	15.99	17.20	33.81	893.79	-516.45	169.18	139.81	29.37	5.760	
5,500.00	5,417.95	5,506.05	5,386.41	16.34	17.59	33.77	911.82	-527.12	172.39	142.39	30.00	5.746	
5,600.00	5,516.27	5,606.10	5,484.13	16.70	17.97	33.74	929.85	-537.78	175.60	144.97	30.63	5.732	
5,700.00	5,614.60	5,706.15	5,581.86	17.06	18.36	33.71	947.89	-548.45	178.81	147.54	31.27	5.718	
5,800.00	5,712.92	5,806.20	5,679.59	17.41	18.75	33.68	965.92	-559.11	182.02	150.11	31.91	5.704	
5,900.00	5,811.25	5,906.25	5,777.32	17.77	19.14	33.65	983.95	-569.78	185.23	152.68	32.55	5.690	
6,000.00	5,909.57	5,993.70	5,875.04	18.14	19.49	33.62	1,001.99	-580.44	188.44	155.28	33.16	5.684	
6,100.00	6,007.90	6,106.35	5,972.77	18.50	19.93	33.59	1,020.02	-591.11	191.65	157.80	33.84	5.663	
6,200.00	6,106.22	6,193.59	6,070.50	18.86	20.27	33.56	1,038.05	-601.77	194.86	160.41	34.45	5.656	
6,300.00	6,204.55	6,306.46	6,168.23	19.22	20.72	33.54	1,056.09	-612.44	198.07	162.93	35.14	5.636	
6,400.00	6,302.88	6,393.49	6,265.96	19.59	21.06	33.51	1,074.12	-623.10	201.28	165.53	35.75	5.630	

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)		Separation Factor
6,500.00	6,401.20	6,493.44	6,363.68	19.95	21.46	33.49	1,092.15	-633.77	204.49	168.08	36.40	5.617	
6,600.00	6,499.49	6,593.13	6,460.97	20.32	21.86	40.53	1,110.10	-645.91	207.72	170.70	37.02	5.612	
6,700.00	6,595.97	6,692.08	6,555.08	20.73	22.30	59.65	1,127.38	-670.72	210.97	173.31	37.65	5.603	
6,800.00	6,687.96	6,790.49	6,643.82	21.24	22.85	66.93	1,143.59	-709.79	214.13	175.58	38.54	5.556	
6,900.00	6,773.19	6,888.40	6,725.22	21.88	23.51	70.20	1,158.36	-761.98	217.09	177.36	39.73	5.464	
7,000.00	6,849.58	6,985.87	6,797.50	22.67	24.29	71.80	1,171.38	-825.92	219.79	178.49	41.30	5.322	
7,100.00	6,915.22	7,082.97	6,859.15	23.64	25.24	72.61	1,182.37	-900.02	222.12	178.78	43.34	5.125	
7,200.00	6,968.52	7,179.77	6,908.88	24.83	26.37	73.01	1,191.11	-982.49	224.04	178.11	45.93	4.878	
7,300.00	7,008.15	7,276.33	6,945.69	26.26	27.70	73.21	1,197.42	-1,071.44	225.46	176.40	49.07	4.595	
7,400.00	7,033.14	7,372.74	6,968.84	27.92	29.23	73.30	1,201.17	-1,164.85	226.37	173.66	52.71	4.295	
7,500.00	7,042.87	7,469.07	6,977.87	29.76	30.91	73.34	1,202.30	-1,260.66	226.71	170.00	56.72	3.997	
7,600.00	7,042.76	7,568.52	6,977.78	31.74	32.80	73.34	1,201.71	-1,360.11	226.71	165.83	60.88	3.724	
7,700.00	7,042.47	7,668.52	6,977.52	33.87	34.86	73.35	1,201.10	-1,460.10	226.69	161.45	65.25	3.474	
7,800.00	7,042.19	7,768.52	6,977.27	36.12	37.04	73.36	1,200.48	-1,560.10	226.68	156.87	69.81	3.247	
7,900.00	7,041.90	7,868.52	6,977.02	38.48	39.33	73.37	1,199.86	-1,660.10	226.67	152.14	74.53	3.041	
8,000.00	7,041.62	7,968.52	6,976.76	40.91	41.71	73.37	1,199.25	-1,760.10	226.65	147.27	79.39	2.855	
8,100.00	7,041.33	8,068.52	6,976.51	43.42	44.17	73.38	1,198.63	-1,860.09	226.64	142.30	84.35	2.687	
8,200.00	7,041.05	8,168.52	6,976.25	45.98	46.69	73.39	1,198.01	-1,960.09	226.63	137.23	89.40	2.535	
8,300.00	7,040.76	8,268.52	6,976.00	48.59	49.26	73.39	1,197.39	-2,060.09	226.62	132.09	94.52	2.397	
8,400.00	7,040.48	8,368.52	6,975.74	51.24	51.87	73.40	1,196.78	-2,160.09	226.60	126.89	99.71	2.273	
8,500.00	7,040.19	8,468.52	6,975.49	53.92	54.52	73.41	1,196.16	-2,260.09	226.59	121.63	104.96	2.159	
8,600.00	7,039.90	8,568.52	6,975.23	56.63	57.21	73.42	1,195.54	-2,360.08	226.58	116.33	110.25	2.055	
8,700.00	7,039.62	8,668.52	6,974.98	59.37	59.92	73.42	1,194.93	-2,460.08	226.56	110.99	115.58	1.960	
8,800.00	7,039.33	8,768.52	6,974.72	62.13	62.66	73.43	1,194.31	-2,560.08	226.55	105.61	120.94	1.873	
8,900.00	7,039.05	8,868.52	6,974.47	64.90	65.41	73.44	1,193.69	-2,660.08	226.54	100.20	126.34	1.793	
9,000.00	7,038.76	8,968.52	6,974.22	67.70	68.18	73.44	1,193.08	-2,760.07	226.52	94.76	131.76	1.719	
9,100.00	7,038.48	9,068.52	6,973.96	70.50	70.97	73.45	1,192.46	-2,860.07	226.51	89.30	137.21	1.651	
9,200.00	7,038.19	9,168.52	6,973.71	73.32	73.78	73.46	1,191.84	-2,960.07	226.50	83.82	142.67	1.588	
9,300.00	7,037.91	9,268.52	6,973.45	76.15	76.59	73.47	1,191.22	-3,060.07	226.49	78.32	148.16	1.529	
9,400.00	7,037.62	9,368.52	6,973.20	78.99	79.42	73.47	1,190.61	-3,160.07	226.47	72.81	153.66	1.474 Level 3	
9,500.00	7,037.34	9,468.52	6,972.94	81.84	82.26	73.48	1,189.99	-3,260.06	226.46	67.28	159.18	1.423 Level 3	
9,600.00	7,037.05	9,568.52	6,972.69	84.70	85.10	73.49	1,189.37	-3,360.06	226.45	61.73	164.71	1.375 Level 3	
9,700.00	7,036.77	9,668.52	6,972.43	87.56	87.96	73.49	1,188.76	-3,460.06	226.43	56.18	170.25	1.330 Level 3	
9,800.00	7,036.48	9,768.52	6,972.18	90.43	90.82	73.50	1,188.14	-3,560.06	226.42	50.61	175.81	1.288 Level 3	
9,900.00	7,036.20	9,868.52	6,971.92	93.30	93.68	73.51	1,187.52	-3,660.05	226.41	45.03	181.37	1.248 Level 2	
10,000.00	7,035.91	9,968.52	6,971.67	96.19	96.55	73.51	1,186.91	-3,760.05	226.39	39.45	186.95	1.211 Level 2	
10,100.00	7,035.63	10,068.52	6,971.41	99.07	99.43	73.52	1,186.29	-3,860.05	226.38	33.85	192.53	1.176 Level 2	
10,200.00	7,035.34	10,168.52	6,971.16	101.96	102.32	73.53	1,185.67	-3,960.05	226.37	28.25	198.12	1.143 Level 2	
10,300.00	7,035.06	10,268.52	6,970.91	104.86	105.20	73.54	1,185.05	-4,060.05	226.35	22.64	203.72	1.111 Level 2	
10,400.00	7,034.77	10,368.52	6,970.65	107.75	108.09	73.54	1,184.44	-4,160.04	226.34	17.02	209.32	1.081 Level 2	
10,500.00	7,034.49	10,468.52	6,970.40	110.66	110.99	73.55	1,183.82	-4,260.04	226.33	11.40	214.93	1.053 Level 2	
10,600.00	7,034.20	10,568.52	6,970.14	113.56	113.89	73.56	1,183.20	-4,360.04	226.32	5.77	220.55	1.026 Level 2	
10,700.00	7,033.92	10,668.52	6,969.89	116.47	116.79	73.56	1,182.59	-4,460.04	226.30	0.13	226.17	1.001 Level 2	
10,800.00	7,033.63	10,768.52	6,969.63	119.38	119.70	73.57	1,181.97	-4,560.03	226.29	-5.50	231.79	0.976 Level 1	
10,900.00	7,033.35	10,868.52	6,969.38	122.29	122.60	73.58	1,181.35	-4,660.03	226.28	-11.15	237.42	0.953 Level 1	
11,000.00	7,033.06	10,968.52	6,969.12	125.21	125.51	73.59	1,180.74	-4,760.03	226.26	-16.80	243.06	0.931 Level 1	
11,100.00	7,032.78	11,068.52	6,968.87	128.12	128.43	73.59	1,180.12	-4,860.03	226.25	-22.45	248.70	0.910 Level 1	
11,200.00	7,032.49	11,168.52	6,968.61	131.04	131.34	73.60	1,179.50	-4,960.03	226.24	-28.10	254.34	0.890 Level 1	
11,300.00	7,032.21	11,268.52	6,968.36	133.96	134.26	73.61	1,178.88	-5,060.02	226.22	-33.76	259.99	0.870 Level 1	
11,400.00	7,031.92	11,368.52	6,968.11	136.89	137.18	73.61	1,178.27	-5,160.02	226.21	-39.43	265.64	0.852 Level 1	
11,500.00	7,031.64	11,468.52	6,967.85	139.81	140.10	73.62	1,177.65	-5,260.02	226.20	-45.09	271.29	0.834 Level 1	
11,600.00	7,031.35	11,568.52	6,967.60	142.74	143.02	73.63	1,177.03	-5,360.02	226.19	-50.76	276.95	0.817 Level 1	
11,700.00	7,031.07	11,668.52	6,967.34	145.66	145.94	73.64	1,176.42	-5,460.01	226.17	-56.43	282.61	0.800 Level 1	
11,800.00	7,030.78	11,768.52	6,967.09	148.59	148.87	73.64	1,175.80	-5,560.01	226.16	-62.11	288.27	0.785 Level 1	
11,900.00	7,030.50	11,868.52	6,966.83	151.52	151.80	73.65	1,175.18	-5,660.01	226.15	-67.78	293.93	0.769 Level 1	
12,000.00	7,030.21	11,968.52	6,966.58	154.45	154.72	73.66	1,174.57	-5,760.01	226.13	-73.46	299.60	0.755 Level 1	
12,100.00	7,029.92	12,068.52	6,966.32	157.39	157.65	73.66	1,173.95	-5,860.01	226.12	-79.14	305.27	0.741 Level 1	
12,200.00	7,029.64	12,168.52	6,966.07	160.32	160.58	73.67	1,173.33	-5,960.00	226.11	-84.83	310.94	0.727 Level 1	
12,300.00	7,029.35	12,268.52	6,965.81	163.26	163.52	73.68	1,172.71	-6,060.00	226.10	-90.52	316.61	0.714 Level 1	
12,400.00	7,029.07	12,368.52	6,965.56	166.19	166.45	73.69	1,172.10	-6,160.00	226.08	-96.20	322.29	0.701 Level 1	
12,500.00	7,028.78	12,468.52	6,965.30	169.13	169.38	73.69	1,171.48	-6,260.00	226.07	-101.89	327.96	0.689 Level 1	
12,600.00	7,028.50	12,568.52	6,965.05	172.06	172.32	73.70	1,170.86	-6,359.99	226.06	-107.59	333.64	0.678 Level 1	
12,700.00	7,028.21	12,668.52	6,964.80	175.00	175.25	73.71	1,170.25	-6,459.99	226.04	-113.28	339.32	0.666 Level 1	
12,800.00	7,027.93	12,768.52	6,964.54	177.94	178.19	73.71	1,169.63	-6,559.99	226.03	-118.97	345.01	0.655 Level 1	
12,900.00	7,027.64	12,868.52	6,964.29	180.88	181.13	73.72	1,169.01						

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)	Separation Factor		
13,100.00	7,027.07	13,068.52	6,963.78	186.76	187.00	73.73	1,167.78	-6,859.98	225.99	-136.07	362.06	0.624	Level 1	
13,200.00	7,026.79	13,168.52	6,963.52	189.70	189.94	73.74	1,167.16	-6,959.98	225.98	-141.77	367.75	0.614	Level 1	
13,300.00	7,026.50	13,268.52	6,963.27	192.65	192.88	73.75	1,166.54	-7,059.98	225.97	-147.48	373.44	0.605	Level 1	
13,400.00	7,026.22	13,368.52	6,963.01	195.59	195.83	73.76	1,165.93	-7,159.98	225.95	-153.18	379.13	0.596	Level 1	
13,500.00	7,025.93	13,468.52	6,962.76	198.53	198.77	73.76	1,165.31	-7,259.97	225.94	-158.89	384.83	0.587	Level 1	
13,600.00	7,025.65	13,568.52	6,962.50	201.48	201.71	73.77	1,164.69	-7,359.97	225.93	-164.59	390.52	0.579	Level 1	
13,700.00	7,025.36	13,668.52	6,962.25	204.42	204.65	73.78	1,164.08	-7,459.97	225.91	-170.30	396.22	0.570	Level 1	
13,800.00	7,025.08	13,768.52	6,961.99	207.37	207.59	73.78	1,163.46	-7,559.97	225.90	-176.01	401.91	0.562	Level 1	
13,900.00	7,024.79	13,868.52	6,961.74	210.31	210.54	73.79	1,162.84	-7,659.97	225.89	-181.72	407.61	0.554	Level 1	
14,000.00	7,024.51	13,968.52	6,961.49	213.26	213.48	73.80	1,162.23	-7,759.96	225.88	-187.43	413.31	0.547	Level 1	
14,100.00	7,024.22	14,068.52	6,961.23	216.20	216.43	73.81	1,161.61	-7,859.96	225.86	-193.15	419.01	0.539	Level 1	
14,200.00	7,023.94	14,168.52	6,960.98	219.15	219.37	73.81	1,160.99	-7,959.96	225.85	-198.86	424.71	0.532	Level 1	
14,300.00	7,023.65	14,268.52	6,960.72	222.10	222.32	73.82	1,160.38	-8,059.96	225.84	-204.58	430.41	0.525	Level 1	
14,400.00	7,023.37	14,368.52	6,960.47	225.05	225.26	73.83	1,159.76	-8,159.95	225.82	-210.29	436.12	0.518	Level 1	
14,500.00	7,023.08	14,468.52	6,960.21	227.99	228.21	73.83	1,159.14	-8,259.95	225.81	-216.01	441.82	0.511	Level 1	
14,600.00	7,022.80	14,568.52	6,959.96	230.94	231.16	73.84	1,158.52	-8,359.95	225.80	-221.73	447.53	0.505	Level 1	
14,700.00	7,022.51	14,668.52	6,959.70	233.89	234.11	73.85	1,157.91	-8,459.95	225.79	-227.45	453.23	0.498	Level 1	
14,800.00	7,022.23	14,768.52	6,959.45	236.84	237.05	73.86	1,157.29	-8,559.95	225.77	-233.17	458.94	0.492	Level 1	
14,900.00	7,021.94	14,868.52	6,959.19	239.79	240.00	73.86	1,156.67	-8,659.94	225.76	-238.89	464.65	0.486	Level 1	
15,000.00	7,021.66	14,968.52	6,958.94	242.74	242.95	73.87	1,156.06	-8,759.94	225.75	-244.61	470.36	0.480	Level 1	
15,100.00	7,021.37	15,068.52	6,958.69	245.69	245.90	73.88	1,155.44	-8,859.94	225.73	-250.33	476.07	0.474	Level 1	
15,200.00	7,021.09	15,168.52	6,958.43	248.64	248.85	73.88	1,154.82	-8,959.94	225.72	-256.06	481.78	0.469	Level 1	
15,300.00	7,020.80	15,268.52	6,958.18	251.59	251.80	73.89	1,154.21	-9,059.93	225.71	-261.78	487.49	0.463	Level 1	
15,400.00	7,020.52	15,368.52	6,957.92	254.54	254.75	73.90	1,153.59	-9,159.93	225.70	-267.50	493.20	0.458	Level 1	
15,500.00	7,020.23	15,468.52	6,957.67	257.49	257.69	73.91	1,152.97	-9,259.93	225.68	-273.23	498.91	0.452	Level 1	
15,600.00	7,019.94	15,568.52	6,957.41	260.44	260.64	73.91	1,152.35	-9,359.93	225.67	-278.96	504.63	0.447	Level 1	
15,700.00	7,019.66	15,668.52	6,957.16	263.39	263.60	73.92	1,151.74	-9,459.93	225.66	-284.68	510.34	0.442	Level 1	
15,800.00	7,019.37	15,768.52	6,956.90	266.34	266.55	73.93	1,151.12	-9,559.92	225.64	-290.41	516.06	0.437	Level 1	
15,900.00	7,019.09	15,868.52	6,956.65	269.29	269.50	73.93	1,150.50	-9,659.92	225.63	-296.14	521.77	0.432	Level 1	
16,000.00	7,018.80	15,968.52	6,956.39	272.25	272.45	73.94	1,149.89	-9,759.92	225.62	-301.87	527.49	0.428	Level 1	
16,100.00	7,018.52	16,068.52	6,956.14	275.20	275.40	73.95	1,149.27	-9,859.92	225.61	-307.60	533.21	0.423	Level 1	
16,200.00	7,018.23	16,168.52	6,955.88	278.15	278.35	73.96	1,148.65	-9,959.91	225.59	-313.33	538.93	0.419	Level 1	
16,300.00	7,017.95	16,268.52	6,955.63	281.10	281.30	73.96	1,148.04	-10,059.91	225.58	-319.07	544.65	0.414	Level 1	
16,400.00	7,017.66	16,368.52	6,955.38	284.06	284.25	73.97	1,147.42	-10,159.91	225.57	-324.80	550.37	0.410	Level 1	
16,500.00	7,017.38	16,468.52	6,955.12	287.01	287.21	73.98	1,146.80	-10,259.91	225.55	-330.53	556.09	0.406	Level 1	
16,600.00	7,017.09	16,568.52	6,954.87	289.96	290.16	73.98	1,146.18	-10,359.91	225.54	-336.26	561.81	0.401	Level 1	
16,700.00	7,016.81	16,668.52	6,954.61	292.92	293.11	73.99	1,145.57	-10,459.90	225.53	-342.00	567.53	0.397	Level 1	
16,800.00	7,016.52	16,768.52	6,954.36	295.87	296.06	74.00	1,144.95	-10,559.90	225.52	-347.73	573.25	0.393	Level 1	
16,900.00	7,016.24	16,868.52	6,954.10	298.82	299.02	74.01	1,144.33	-10,659.90	225.50	-353.47	578.97	0.389	Level 1	
17,000.00	7,015.95	16,968.52	6,953.85	301.78	301.97	74.01	1,143.72	-10,759.90	225.49	-359.21	584.70	0.386	Level 1	
17,100.00	7,015.67	17,068.52	6,953.59	304.73	304.92	74.02	1,143.10	-10,859.89	225.48	-364.94	590.42	0.382	Level 1	
17,200.00	7,015.38	17,168.52	6,953.34	307.68	307.88	74.03	1,142.48	-10,959.89	225.47	-370.68	596.15	0.378	Level 1	
17,300.00	7,015.10	17,268.52	6,953.08	310.64	310.83	74.03	1,141.87	-11,059.89	225.45	-376.42	601.87	0.375	Level 1	
17,334.43	7,015.00	17,302.95	6,953.00	311.66	311.85	74.04	1,141.65	-11,094.32	225.45	-378.39	603.84	0.373	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							
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	-119.85	-0.84	119.86				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-119.85	-0.84	119.86	112.33	7.53	15.923	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-119.85	-0.84	119.86	112.29	7.57	15.836	CC
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-119.85	-0.84	119.86	112.29	7.57	15.836	ES
300.00	300.00	299.34	299.34	3.35	3.34	-144.27	-119.99	-1.24	120.35	112.70	7.65	15.726	SF
400.00	399.93	397.89	397.83	3.41	3.40	-143.67	-121.04	-4.46	124.28	116.51	7.78	15.984	
500.00	499.68	496.08	495.78	3.50	3.48	-142.57	-123.14	-10.87	132.18	124.23	7.95	16.633	
600.00	599.13	594.29	593.49	3.62	3.59	-141.20	-126.20	-20.27	143.97	135.81	8.17	17.627	
700.00	698.15	706.82	691.81	3.76	3.74	-140.55	-129.51	-30.37	158.75	150.29	8.46	18.766	
800.00	796.65	808.35	789.71	3.93	3.90	-140.72	-132.80	-40.43	176.12	167.33	8.79	20.035	
900.00	894.97	889.99	887.47	4.14	4.05	-141.18	-136.08	-50.47	194.24	185.12	9.12	21.307	
1,000.00	993.30	988.32	985.24	4.37	4.24	-141.56	-139.36	-60.52	212.37	202.87	9.51	22.341	
1,100.00	1,091.62	1,086.65	1,083.00	4.62	4.45	-141.87	-142.65	-70.57	230.51	220.59	9.93	23.221	
1,200.00	1,189.95	1,184.99	1,180.76	4.89	4.66	-142.15	-145.93	-80.61	248.66	238.28	10.37	23.967	
1,300.00	1,288.28	1,283.32	1,278.53	5.18	4.89	-142.38	-149.21	-90.66	266.81	255.96	10.85	24.599	
1,400.00	1,386.60	1,381.66	1,376.29	5.48	5.13	-142.59	-152.50	-100.70	284.96	273.63	11.34	25.133	
1,500.00	1,484.93	1,479.99	1,474.06	5.78	5.38	-142.77	-155.78	-110.75	303.12	291.27	11.85	25.586	
1,600.00	1,583.25	1,578.32	1,571.82	6.10	5.64	-142.93	-159.06	-120.79	321.28	308.91	12.37	25.970	
1,700.00	1,681.58	1,676.66	1,669.58	6.43	5.90	-143.07	-162.35	-130.84	339.44	326.54	12.91	26.296	
1,800.00	1,779.90	1,774.99	1,767.35	6.61	6.07	-143.20	-165.63	-140.89	357.61	344.76	12.85	27.825	
1,900.00	1,878.23	1,873.32	1,865.11	6.66	6.13	-143.32	-168.91	-150.93	375.77	362.84	12.94	29.050	
2,000.00	1,976.55	1,971.66	1,962.87	6.72	6.16	-143.42	-172.20	-160.98	393.94	380.92	13.02	30.256	
2,100.00	2,074.88	2,069.99	2,060.64	6.82	6.22	-143.52	-175.48	-171.02	412.11	398.97	13.14	31.364	
2,200.00	2,173.20	2,168.32	2,158.40	6.93	6.29	-143.61	-178.76	-181.07	430.28	416.99	13.29	32.373	
2,300.00	2,271.53	2,266.66	2,256.17	7.06	6.38	-143.69	-182.05	-191.11	448.45	434.97	13.48	33.280	
2,400.00	2,369.86	2,364.99	2,353.93	7.21	6.48	-143.76	-185.33	-201.16	466.62	452.93	13.69	34.086	
2,500.00	2,468.18	2,463.32	2,451.69	7.37	6.59	-143.83	-188.61	-211.21	484.79	470.86	13.93	34.796	
2,600.00	2,566.51	2,561.66	2,549.46	7.56	6.72	-143.90	-191.90	-221.25	502.96	488.76	14.20	35.412	
2,700.00	2,664.83	2,659.99	2,647.22	7.75	6.86	-143.96	-195.18	-231.30	521.14	506.64	14.50	35.942	
2,800.00	2,763.16	2,758.32	2,744.99	7.97	7.02	-144.01	-198.46	-241.34	539.31	524.49	14.82	36.391	
2,900.00	2,861.48	2,856.66	2,842.75	8.19	7.18	-144.06	-201.75	-251.39	557.48	542.32	15.16	36.765	
3,000.00	2,959.81	2,954.99	2,940.51	8.43	7.35	-144.11	-205.03	-261.44	575.66	560.13	15.53	37.073	
3,100.00	3,058.13	3,053.32	3,038.28	8.68	7.54	-144.16	-208.31	-271.48	593.83	577.92	15.91	37.322	
3,200.00	3,156.46	3,151.66	3,136.04	8.93	7.73	-144.20	-211.60	-281.53	612.01	595.69	16.31	37.516	
3,300.00	3,254.79	3,249.99	3,233.80	9.20	7.93	-144.24	-214.88	-291.57	630.18	613.45	16.73	37.664	
3,400.00	3,353.11	3,348.33	3,331.57	9.47	8.14	-144.28	-218.17	-301.62	648.36	631.19	17.17	37.770	
3,500.00	3,451.44	3,446.66	3,429.33	9.76	8.35	-144.32	-221.45	-311.66	666.53	648.92	17.61	37.840	
3,600.00	3,549.76	3,544.99	3,527.10	10.05	8.58	-144.35	-224.73	-321.71	684.71	666.63	18.08	37.879	
3,700.00	3,648.09	3,643.33	3,624.86	10.34	8.80	-144.38	-228.02	-331.76	702.89	684.34	18.55	37.891	
3,800.00	3,746.41	3,741.66	3,722.62	10.65	9.04	-144.41	-231.30	-341.80	721.06	702.03	19.04	37.880	
3,900.00	3,844.74	3,839.99	3,820.39	10.95	9.28	-144.44	-234.58	-351.85	739.24	719.71	19.53	37.850	
4,000.00	3,943.06	3,938.33	3,918.15	11.27	9.52	-144.47	-237.87	-361.89	757.42	737.38	20.04	37.802	
4,100.00	4,041.39	4,036.66	4,015.92	11.58	9.77	-144.50	-241.15	-371.94	775.59	755.04	20.55	37.741	
4,200.00	4,139.71	4,134.99	4,113.68	11.90	10.02	-144.52	-244.43	-381.98	793.77	772.70	21.07	37.668	
4,300.00	4,238.04	4,233.33	4,211.44	12.23	10.28	-144.55	-247.72	-392.03	811.95	790.34	21.60	37.586	
4,400.00	4,336.37	4,331.66	4,309.21	12.56	10.54	-144.57	-251.00	-402.08	830.12	807.98	22.14	37.495	
4,500.00	4,434.69	4,429.99	4,406.97	12.89	10.80	-144.59	-254.28	-412.12	848.30	825.62	22.68	37.398	
4,600.00	4,533.02	4,528.33	4,504.74	13.22	11.06	-144.61	-257.57	-422.17	866.48	843.25	23.23	37.295	
4,700.00	4,631.34	4,626.66	4,602.50	13.56	11.33	-144.63	-260.85	-432.21	884.66	860.87	23.79	37.189	
4,800.00	4,729.67	4,724.99	4,700.26	13.90	11.60	-144.65	-264.13	-442.26	902.84	878.49	24.35	37.079	
4,900.00	4,827.99	4,823.33	4,798.03	14.24	11.88	-144.67	-267.42	-452.30	921.01	896.10	24.91	36.967	
5,000.00	4,926.32	4,921.66	4,895.79	14.59	12.15	-144.69	-270.70	-462.35	939.19	913.71	25.48	36.854	
5,100.00	5,024.64	5,019.99	4,993.55	14.94	12.43	-144.71	-273.98	-472.40	957.37	931.31	26.06	36.739	
5,200.00	5,122.97	5,118.33	5,091.32	15.29	12.71	-144.72	-277.27	-482.44	975.55	948.91	26.64	36.624	
5,300.00	5,221.29	5,216.66	5,189.08	15.64	12.99	-144.74	-280.55	-492.49	993.73	966.51	27.22	36.508	
5,400.00	5,319.62	5,314.99	5,286.85	15.99	13.28	-144.76	-283.83	-502.53	1,011.90	984.10	27.80	36.393	
5,500.00	5,417.95	5,413.33	5,384.61	16.34	13.56	-144.77	-287.12	-512.58	1,030.08	1,001.69	28.39	36.279	
5,600.00	5,516.27	5,511.66	5,482.37	16.70	13.85	-144.79	-290.40	-522.63	1,048.26	1,019.28	28.99	36.165	
5,700.00	5,614.60	5,610.00	5,580.14	17.06	14.14	-144.80	-293.68	-532.67	1,066.44	1,036.86	29.58	36.052	
5,800.00	5,712.92	5,708.33	5,677.90	17.41	14.43	-144.81	-296.97	-542.72	1,084.62	1,054.44	30.18	35.941	
5,900.00	5,811.25	5,806.66	5,775.67	17.77	14.72	-144.83	-300.25	-552.76	1,102.80	1,072.02	30.78	35.830	
6,000.00	5,909.57	5,905.00	5,873.43	18.14	15.01	-144.84	-303.54	-562.81	1,120.98	1,089.60	31.38	35.722	
6,100.00	6,007.90	6,003.33	5,971.19	18.50	15.30	-144.85	-306.82	-572.85	1,139.16	1,107.17	31.99	35.614	
6,200.00	6,106.22	6,101.66	6,068.96	18.86	15.60	-144.86	-310.10	-582.90	1,157.33	1,124.74	32.59	35.509	
6,300.00	6,204.55	6,200.00	6,166.72	19.22	15.89	-144.87	-313.39	-592.95	1,175.51	1,142.31	33.20	35.405	
6,400.00	6,302.88	6,301.67	6,264.48	19.59	16.20	-144.89	-316.67	-602.99	1,193.69	1,159.87	33.82	35.292	

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				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	-179.52	-99.82	-0.84	99.82				
100.00	100.00	100.00	100.00	3.28	3.28	-179.52	-99.82	-0.84	99.82	92.29	7.53	13.261	
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-99.82	-0.84	99.82	92.25	7.57	13.189 CC	
200.01	200.01	200.01	200.01	3.30	3.30	-179.52	-99.82	-0.84	99.82	92.25	7.57	13.189 ES	
300.00	300.00	299.92	299.92	3.35	3.34	-144.16	-99.83	-1.27	100.19	92.54	7.65	13.092	
400.00	399.93	399.68	399.61	3.41	3.40	-143.33	-99.95	-4.74	103.19	95.41	7.78	13.266	
500.00	499.68	499.20	498.88	3.50	3.49	-141.80	-100.20	-11.66	109.23	101.28	7.95	13.736	
600.00	599.13	601.47	597.71	3.62	3.60	-139.98	-100.54	-21.63	118.36	110.18	8.18	14.467	
700.00	698.15	702.20	696.43	3.76	3.74	-139.15	-100.91	-32.09	130.25	121.79	8.46	15.398	
800.00	796.65	803.25	794.82	3.93	3.90	-139.35	-101.27	-42.51	144.69	135.90	8.79	16.461	
900.00	894.97	904.42	893.10	4.14	4.08	-139.86	-101.64	-52.92	159.88	150.73	9.15	17.464	
1,000.00	993.30	1,005.59	991.38	4.37	4.28	-140.28	-102.00	-63.33	175.08	165.52	9.56	18.321	
1,100.00	1,091.62	1,106.76	1,089.66	4.62	4.49	-140.63	-102.36	-73.74	190.29	180.30	9.99	19.048	
1,200.00	1,189.95	1,207.93	1,187.94	4.89	4.71	-140.93	-102.73	-84.15	205.50	195.05	10.45	19.663	
1,300.00	1,288.28	1,309.10	1,286.23	5.18	4.95	-141.19	-103.09	-94.56	220.71	209.78	10.94	20.183	
1,400.00	1,386.60	1,389.73	1,384.51	5.48	5.14	-141.42	-103.45	-104.97	235.93	224.54	11.39	20.714	
1,500.00	1,484.93	1,488.56	1,482.79	5.78	5.39	-141.61	-103.82	-115.38	251.16	239.25	11.90	21.097	
1,600.00	1,583.25	1,587.39	1,581.07	6.10	5.64	-141.79	-104.18	-125.79	266.38	253.95	12.43	21.423	
1,700.00	1,681.58	1,686.22	1,679.35	6.43	5.90	-141.95	-104.54	-136.20	281.61	268.63	12.98	21.700	
1,800.00	1,779.90	1,785.05	1,777.63	6.61	6.06	-142.09	-104.91	-146.61	296.84	283.93	12.91	22.992	
1,900.00	1,878.23	1,883.89	1,875.91	6.66	6.10	-142.21	-105.27	-157.02	312.07	299.09	12.98	24.037	
2,000.00	1,976.55	1,982.72	1,974.19	6.72	6.14	-142.33	-105.64	-167.43	327.31	314.24	13.07	25.041	
2,100.00	2,074.88	2,081.55	2,072.47	6.82	6.20	-142.43	-106.00	-177.84	342.54	329.35	13.19	25.965	
2,200.00	2,173.20	2,180.38	2,170.75	6.93	6.27	-142.53	-106.36	-188.25	357.78	344.43	13.35	26.804	
2,300.00	2,271.53	2,279.21	2,269.03	7.06	6.36	-142.62	-106.73	-198.66	373.01	359.48	13.53	27.559	
2,400.00	2,369.86	2,378.04	2,367.31	7.21	6.46	-142.70	-107.09	-209.07	388.25	374.50	13.75	28.230	
2,500.00	2,468.18	2,476.87	2,465.59	7.37	6.57	-142.77	-107.45	-219.48	403.49	389.49	14.00	28.821	
2,600.00	2,566.51	2,575.70	2,563.87	7.56	6.70	-142.84	-107.82	-229.89	418.72	404.45	14.27	29.334	
2,700.00	2,664.83	2,674.53	2,662.15	7.75	6.84	-142.91	-108.18	-240.30	433.96	419.39	14.57	29.774	
2,800.00	2,763.16	2,773.36	2,760.43	7.97	6.99	-142.97	-108.54	-250.71	449.20	434.30	14.90	30.148	
2,900.00	2,861.48	2,872.20	2,858.71	8.19	7.16	-143.02	-108.91	-261.12	464.44	449.19	15.25	30.461	
3,000.00	2,959.81	2,971.03	2,956.99	8.43	7.33	-143.08	-109.27	-271.53	479.68	464.07	15.62	30.718	
3,100.00	3,058.13	3,069.86	3,055.27	8.68	7.51	-143.13	-109.63	-281.94	494.92	478.92	16.00	30.925	
3,200.00	3,156.46	3,168.69	3,153.55	8.93	7.70	-143.17	-110.00	-292.35	510.16	493.75	16.41	31.088	
3,300.00	3,254.79	3,267.52	3,251.84	9.20	7.90	-143.22	-110.36	-302.76	525.40	508.57	16.83	31.212	
3,400.00	3,353.11	3,366.35	3,350.12	9.47	8.11	-143.26	-110.72	-313.17	540.65	523.37	17.27	31.302	
3,500.00	3,451.44	3,465.18	3,448.40	9.76	8.32	-143.30	-111.09	-323.58	555.89	538.16	17.72	31.362	
3,600.00	3,549.76	3,564.01	3,546.68	10.05	8.54	-143.33	-111.45	-333.99	571.13	552.94	18.19	31.397	
3,700.00	3,648.09	3,662.84	3,644.96	10.34	8.77	-143.37	-111.82	-344.40	586.37	567.70	18.67	31.409	
3,800.00	3,746.41	3,761.67	3,743.24	10.65	9.00	-143.40	-112.18	-354.81	601.61	582.45	19.16	31.402	
3,900.00	3,844.74	3,860.50	3,841.52	10.95	9.24	-143.43	-112.54	-365.22	616.86	597.20	19.66	31.378	
4,000.00	3,943.06	3,959.34	3,939.80	11.27	9.48	-143.46	-112.91	-375.63	632.10	611.93	20.17	31.342	
4,100.00	4,041.39	4,058.17	4,038.08	11.58	9.73	-143.49	-113.27	-386.04	647.34	626.65	20.69	31.293	
4,200.00	4,139.71	4,157.00	4,136.36	11.90	9.98	-143.52	-113.63	-396.45	662.58	641.37	21.21	31.235	
4,300.00	4,238.04	4,255.83	4,234.64	12.23	10.23	-143.55	-114.00	-406.86	677.83	656.08	21.75	31.168	
4,400.00	4,336.37	4,354.66	4,332.92	12.56	10.49	-143.57	-114.36	-417.27	693.07	670.78	22.29	31.096	
4,500.00	4,434.69	4,453.49	4,431.20	12.89	10.75	-143.59	-114.72	-427.68	708.31	685.48	22.84	31.017	
4,600.00	4,533.02	4,552.32	4,529.48	13.22	11.01	-143.62	-115.09	-438.09	723.56	700.17	23.39	30.935	
4,700.00	4,631.34	4,651.15	4,627.76	13.56	11.28	-143.64	-115.45	-448.50	738.80	714.85	23.95	30.849	
4,800.00	4,729.67	4,749.98	4,726.04	13.90	11.55	-143.66	-115.81	-458.91	754.04	729.53	24.51	30.760	
4,900.00	4,827.99	4,848.81	4,824.32	14.24	11.82	-143.68	-116.18	-469.32	769.29	744.20	25.08	30.669	
5,000.00	4,926.32	4,947.65	4,922.60	14.59	12.09	-143.70	-116.54	-479.73	784.53	758.87	25.66	30.577	
5,100.00	5,024.64	5,046.48	5,020.88	14.94	12.37	-143.72	-116.90	-490.14	799.78	773.54	26.24	30.484	
5,200.00	5,122.97	5,145.31	5,119.16	15.29	12.64	-143.74	-117.27	-500.55	815.02	788.20	26.82	30.391	
5,300.00	5,221.29	5,244.14	5,217.45	15.64	12.92	-143.75	-117.63	-510.96	830.26	802.86	27.40	30.297	
5,400.00	5,319.62	5,342.97	5,315.73	15.99	13.21	-143.77	-118.00	-521.37	845.51	817.51	27.99	30.204	
5,500.00	5,417.95	5,441.80	5,414.01	16.34	13.49	-143.79	-118.36	-531.78	860.75	832.17	28.59	30.111	
5,600.00	5,516.27	5,540.63	5,512.29	16.70	13.77	-143.80	-118.72	-542.19	876.00	846.81	29.18	30.018	
5,700.00	5,614.60	5,639.46	5,610.57	17.06	14.06	-143.82	-119.09	-552.60	891.24	861.46	29.78	29.927	
5,800.00	5,712.92	5,738.29	5,708.85	17.41	14.35	-143.83	-119.45	-563.01	906.49	876.10	30.38	29.836	
5,900.00	5,811.25	5,837.12	5,807.13	17.77	14.63	-143.85	-119.81	-573.42	921.73	890.74	30.99	29.746	
6,000.00	5,909.57	5,935.95	5,905.41	18.14	14.92	-143.86	-120.18	-583.83	936.97	905.38	31.59	29.658	
6,100.00	6,007.90	6,034.79	6,003.69	18.50	15.21	-143.87	-120.54	-594.24	952.22	920.02	32.20	29.571	
6,200.00	6,106.22	6,133.62	6,101.97	18.86	15.51	-143.89	-120.90	-604.65	967.46	934.65	32.81	29.485	
6,300.00	6,204.55	6,232.45	6,200.25	19.22	15.80	-143.90	-121.27	-615.06	982.71	949.28	33.42	29.401	
6,400.00	6,302.88	6,331.28	6,298.53	19.59	16.09	-143.91	-121.63	-625.47	997.95	963.91	34.04	29.318	

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)		Separation Factor
6,500.00	6,401.20	6,430.05	6,396.75	19.95	16.39	-143.92	-121.99	-635.88	1,013.20	978.54	34.66	29.236	
6,600.00	6,499.49	6,526.28	6,491.23	20.32	16.74	-135.77	-122.39	-653.69	1,028.55	993.20	35.35	29.095	
6,700.00	6,595.97	6,620.68	6,580.26	20.73	17.20	-113.38	-122.84	-684.79	1,043.80	1,007.58	36.22	28.822	
6,800.00	6,687.96	6,713.73	6,662.58	21.24	17.79	-103.08	-123.35	-727.99	1,058.42	1,021.11	37.31	28.366	
6,900.00	6,773.19	6,805.67	6,736.89	21.88	18.52	-97.09	-123.89	-782.01	1,072.04	1,033.35	38.69	27.710	
7,000.00	6,849.58	6,896.75	6,802.06	22.67	19.42	-93.11	-124.46	-845.50	1,084.28	1,043.87	40.41	26.833	
7,100.00	6,915.22	6,987.14	6,857.15	23.64	20.54	-90.31	-125.04	-917.07	1,094.82	1,052.27	42.55	25.732	
7,200.00	6,968.52	7,077.03	6,901.34	24.83	21.86	-88.32	-125.63	-995.27	1,103.38	1,058.23	45.15	24.440	
7,300.00	7,008.15	7,166.58	6,933.98	26.26	23.40	-86.97	-126.21	-1,078.57	1,109.75	1,061.54	48.21	23.020	
7,400.00	7,033.14	7,255.92	6,954.59	27.92	25.11	-86.18	-126.78	-1,165.43	1,113.76	1,062.08	51.68	21.551	
7,500.00	7,042.87	7,345.18	6,962.84	29.76	26.96	-85.89	-127.32	-1,254.23	1,115.31	1,059.85	55.46	20.111	
7,600.00	7,042.76	7,443.35	6,962.89	31.74	29.12	-85.89	-127.89	-1,352.40	1,115.29	1,055.56	59.73	18.671	
7,700.00	7,042.47	7,543.35	6,962.76	33.87	31.43	-85.90	-128.46	-1,452.39	1,115.24	1,050.94	64.30	17.344	
7,800.00	7,042.19	7,643.35	6,962.62	36.12	33.85	-85.91	-129.04	-1,552.39	1,115.20	1,046.12	69.08	16.145	
7,900.00	7,041.90	7,743.35	6,962.49	38.48	36.34	-85.92	-129.62	-1,652.39	1,115.15	1,041.14	74.02	15.066	
8,000.00	7,041.62	7,843.35	6,962.36	40.91	38.90	-85.92	-130.20	-1,752.39	1,115.11	1,036.02	79.09	14.099	
8,100.00	7,041.33	7,943.35	6,962.23	43.42	41.52	-85.93	-130.78	-1,852.39	1,115.06	1,030.79	84.27	13.231	
8,200.00	7,041.05	8,043.35	6,962.09	45.98	44.18	-85.94	-131.35	-1,952.38	1,115.02	1,025.47	89.55	12.452	
8,300.00	7,040.76	8,143.35	6,961.96	48.59	46.87	-85.95	-131.93	-2,052.38	1,114.97	1,020.07	94.90	11.749	
8,400.00	7,040.48	8,243.35	6,961.83	51.24	49.60	-85.96	-132.51	-2,152.38	1,114.93	1,014.62	100.31	11.115	
8,500.00	7,040.19	8,343.35	6,961.70	53.92	52.35	-85.96	-133.09	-2,252.38	1,114.88	1,009.10	105.78	10.540	
8,600.00	7,039.90	8,443.35	6,961.57	56.63	55.12	-85.97	-133.67	-2,352.38	1,114.84	1,003.55	111.29	10.017	
8,700.00	7,039.62	8,543.35	6,961.43	59.37	57.91	-85.98	-134.24	-2,452.37	1,114.79	997.95	116.84	9.541	
8,800.00	7,039.33	8,643.35	6,961.30	62.13	60.72	-85.99	-134.82	-2,552.37	1,114.75	992.32	122.43	9.105	
8,900.00	7,039.05	8,743.35	6,961.17	64.90	63.54	-85.99	-135.40	-2,652.37	1,114.70	986.66	128.04	8.706	
9,000.00	7,038.76	8,843.35	6,961.04	67.70	66.38	-86.00	-135.98	-2,752.37	1,114.66	980.97	133.68	8.338	
9,100.00	7,038.48	8,943.35	6,960.90	70.50	69.22	-86.01	-136.56	-2,852.37	1,114.61	975.26	139.35	7.999	
9,200.00	7,038.19	9,043.35	6,960.77	73.32	72.08	-86.02	-137.13	-2,952.37	1,114.57	969.54	145.03	7.685	
9,300.00	7,037.91	9,143.35	6,960.64	76.15	74.94	-86.02	-137.71	-3,052.36	1,114.52	963.79	150.73	7.394	
9,400.00	7,037.62	9,243.35	6,960.51	78.99	77.81	-86.03	-138.29	-3,152.36	1,114.48	958.03	156.45	7.124	
9,500.00	7,037.34	9,343.35	6,960.37	81.84	80.69	-86.04	-138.87	-3,252.36	1,114.43	952.25	162.18	6.872	
9,600.00	7,037.05	9,443.35	6,960.24	84.70	83.57	-86.05	-139.45	-3,352.36	1,114.39	946.47	167.92	6.636	
9,700.00	7,036.77	9,543.35	6,960.11	87.56	86.46	-86.06	-140.02	-3,452.36	1,114.34	940.67	173.67	6.416	
9,800.00	7,036.48	9,643.35	6,959.98	90.43	89.35	-86.06	-140.60	-3,552.35	1,114.30	934.86	179.44	6.210	
9,900.00	7,036.20	9,743.35	6,959.85	93.30	92.25	-86.07	-141.18	-3,652.35	1,114.25	929.04	185.21	6.016	
10,000.00	7,035.91	9,843.35	6,959.71	96.19	95.15	-86.08	-141.76	-3,752.35	1,114.21	923.21	191.00	5.834	
10,100.00	7,035.63	9,943.35	6,959.58	99.07	98.05	-86.09	-142.34	-3,852.35	1,114.16	917.38	196.79	5.662	
10,200.00	7,035.34	10,043.35	6,959.45	101.96	100.96	-86.09	-142.91	-3,952.35	1,114.12	911.53	202.58	5.500	
10,300.00	7,035.06	10,143.35	6,959.32	104.86	103.87	-86.10	-143.49	-4,052.34	1,114.07	905.68	208.39	5.346	
10,400.00	7,034.77	10,243.35	6,959.18	107.75	106.78	-86.11	-144.07	-4,152.34	1,114.03	899.83	214.20	5.201	
10,500.00	7,034.49	10,343.35	6,959.05	110.66	109.70	-86.12	-144.65	-4,252.34	1,113.98	893.97	220.01	5.063	
10,600.00	7,034.20	10,443.35	6,958.92	113.56	112.62	-86.12	-145.23	-4,352.34	1,113.94	888.10	225.83	4.933	
10,700.00	7,033.92	10,543.35	6,958.79	116.47	115.54	-86.13	-145.80	-4,452.34	1,113.89	882.23	231.66	4.808	
10,800.00	7,033.63	10,643.35	6,958.65	119.38	118.46	-86.14	-146.38	-4,552.34	1,113.85	876.36	237.49	4.690	
10,900.00	7,033.35	10,743.35	6,958.52	122.29	121.39	-86.15	-146.96	-4,652.33	1,113.80	870.48	243.32	4.577	
11,000.00	7,033.06	10,843.35	6,958.39	125.21	124.31	-86.16	-147.54	-4,752.33	1,113.76	864.60	249.16	4.470	
11,100.00	7,032.78	10,943.35	6,958.26	128.12	127.24	-86.16	-148.12	-4,852.33	1,113.71	858.71	255.00	4.367	
11,200.00	7,032.49	11,043.35	6,958.13	131.04	130.17	-86.17	-148.69	-4,952.33	1,113.67	852.82	260.85	4.269	
11,300.00	7,032.21	11,143.35	6,957.99	133.96	133.10	-86.18	-149.27	-5,052.33	1,113.63	846.93	266.69	4.176	
11,400.00	7,031.92	11,243.35	6,957.86	136.89	136.04	-86.19	-149.85	-5,152.32	1,113.58	841.04	272.54	4.086	
11,500.00	7,031.64	11,343.35	6,957.73	139.81	138.97	-86.19	-150.43	-5,252.32	1,113.54	835.14	278.40	4.000	
11,600.00	7,031.35	11,443.35	6,957.60	142.74	141.90	-86.20	-151.01	-5,352.32	1,113.49	829.24	284.25	3.917	
11,700.00	7,031.07	11,543.35	6,957.46	145.66	144.84	-86.21	-151.58	-5,452.32	1,113.45	823.34	290.11	3.838	
11,800.00	7,030.78	11,643.35	6,957.33	148.59	147.78	-86.22	-152.16	-5,552.32	1,113.40	817.43	295.97	3.762	
11,900.00	7,030.50	11,743.35	6,957.20	151.52	150.71	-86.23	-152.74	-5,652.31	1,113.36	811.52	301.83	3.689	
12,000.00	7,030.21	11,843.35	6,957.07	154.45	153.65	-86.23	-153.32	-5,752.31	1,113.31	805.62	307.70	3.618	
12,100.00	7,029.92	11,943.35	6,956.93	157.39	156.59	-86.24	-153.90	-5,852.31	1,113.27	799.70	313.57	3.550	
12,200.00	7,029.64	12,043.35	6,956.80	160.32	159.53	-86.25	-154.47	-5,952.31	1,113.23	793.79	319.43	3.485	
12,300.00	7,029.35	12,143.35	6,956.67	163.26	162.48	-86.26	-155.05	-6,052.31	1,113.18	787.88	325.30	3.422	
12,400.00	7,029.07	12,243.35	6,956.54	166.19	165.42	-86.26	-155.63	-6,152.31	1,113.14	781.96	331.18	3.361	
12,500.00	7,028.78	12,343.34	6,956.41	169.13	168.36	-86.27	-156.21	-6,252.30	1,113.09	776.04	337.05	3.302	
12,600.00	7,028.50	12,443.34	6,956.27	172.06	171.30	-86.28	-156.79	-6,352.30	1,113.05	770.12	342.92	3.246	
12,700.00	7,028.21	12,543.34	6,956.14	175.00	174.25	-86.29	-157.36	-6,452.30	1,113.00	764.20	348.80	3.191	
12,800.00	7,027.93	12,643.34	6,956.01	177.94	177.19	-86.29	-157.94	-6,552.30	1,112.96	758.28	354.68	3.138	
12,900.00	7,027.64	12,743.34	6,955.88	180.88	180.14	-86.30	-158.52	-6,652.3					

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)	Separation Factor	
13,100.00	7,027.07	12,943.34	6,955.61	186.76	186.03	-86.32	-159.68	-6,852.29	1,112.83	740.51	372.32	2.989	
13,200.00	7,026.79	13,043.34	6,955.48	189.70	188.97	-86.33	-160.25	-6,952.29	1,112.78	734.58	378.20	2.942	
13,300.00	7,026.50	13,143.34	6,955.35	192.65	191.92	-86.33	-160.83	-7,052.29	1,112.74	728.66	384.08	2.897	
13,400.00	7,026.22	13,243.34	6,955.21	195.59	194.87	-86.34	-161.41	-7,152.29	1,112.69	722.73	389.97	2.853	
13,500.00	7,025.93	13,343.34	6,955.08	198.53	197.82	-86.35	-161.99	-7,252.28	1,112.65	716.80	395.85	2.811	
13,600.00	7,025.65	13,443.34	6,954.95	201.48	200.77	-86.36	-162.57	-7,352.28	1,112.61	710.87	401.74	2.769	
13,700.00	7,025.36	13,543.34	6,954.82	204.42	203.71	-86.36	-163.14	-7,452.28	1,112.56	704.94	407.63	2.729	
13,800.00	7,025.08	13,643.34	6,954.69	207.37	206.66	-86.37	-163.72	-7,552.28	1,112.52	699.00	413.51	2.690	
13,900.00	7,024.79	13,743.34	6,954.55	210.31	209.61	-86.38	-164.30	-7,652.28	1,112.47	693.07	419.40	2.653	
14,000.00	7,024.51	13,843.34	6,954.42	213.26	212.56	-86.39	-164.88	-7,752.28	1,112.43	687.14	425.29	2.616	
14,100.00	7,024.22	13,943.34	6,954.29	216.20	215.51	-86.40	-165.46	-7,852.27	1,112.39	681.20	431.18	2.580	
14,200.00	7,023.94	14,043.34	6,954.16	219.15	218.46	-86.40	-166.03	-7,952.27	1,112.34	675.27	437.08	2.545	
14,300.00	7,023.65	14,143.34	6,954.02	222.10	221.41	-86.41	-166.61	-8,052.27	1,112.30	669.33	442.97	2.511	
14,400.00	7,023.37	14,243.34	6,953.89	225.05	224.36	-86.42	-167.19	-8,152.27	1,112.25	663.39	448.86	2.478	
14,500.00	7,023.08	14,343.34	6,953.76	227.99	227.32	-86.43	-167.77	-8,252.27	1,112.21	657.46	454.75	2.446	
14,600.00	7,022.80	14,443.34	6,953.63	230.94	230.27	-86.43	-168.35	-8,352.26	1,112.17	651.52	460.65	2.414	
14,700.00	7,022.51	14,543.34	6,953.49	233.89	233.22	-86.44	-168.92	-8,452.26	1,112.12	645.58	466.54	2.384	
14,800.00	7,022.23	14,643.34	6,953.36	236.84	236.17	-86.45	-169.50	-8,552.26	1,112.08	639.64	472.44	2.354	
14,900.00	7,021.94	14,743.34	6,953.23	239.79	239.12	-86.46	-170.08	-8,652.26	1,112.03	633.70	478.33	2.325	
15,000.00	7,021.66	14,843.34	6,953.10	242.74	242.08	-86.47	-170.66	-8,752.26	1,111.99	627.76	484.23	2.296	
15,100.00	7,021.37	14,943.34	6,952.96	245.69	245.03	-86.47	-171.24	-8,852.25	1,111.95	621.82	490.13	2.269	
15,200.00	7,021.09	15,043.34	6,952.83	248.64	247.98	-86.48	-171.81	-8,952.25	1,111.90	615.88	496.02	2.242	
15,300.00	7,020.80	15,143.34	6,952.70	251.59	250.93	-86.49	-172.39	-9,052.25	1,111.86	609.94	501.92	2.215	
15,400.00	7,020.52	15,243.34	6,952.57	254.54	253.89	-86.50	-172.97	-9,152.25	1,111.82	603.99	507.82	2.189	
15,500.00	7,020.23	15,343.34	6,952.44	257.49	256.84	-86.50	-173.55	-9,252.25	1,111.77	598.05	513.72	2.164	
15,600.00	7,019.94	15,443.34	6,952.30	260.44	259.79	-86.51	-174.13	-9,352.25	1,111.73	592.11	519.62	2.140	
15,700.00	7,019.66	15,543.34	6,952.17	263.39	262.75	-86.52	-174.70	-9,452.24	1,111.68	586.16	525.52	2.115	
15,800.00	7,019.37	15,643.34	6,952.04	266.34	265.70	-86.53	-175.28	-9,552.24	1,111.64	580.22	531.42	2.092	
15,900.00	7,019.09	15,743.34	6,951.91	269.29	268.66	-86.54	-175.86	-9,652.24	1,111.60	574.28	537.32	2.069	
16,000.00	7,018.80	15,843.34	6,951.77	272.25	271.61	-86.54	-176.44	-9,752.24	1,111.55	568.33	543.22	2.046	
16,100.00	7,018.52	15,943.34	6,951.64	275.20	274.57	-86.55	-177.02	-9,852.24	1,111.51	562.39	549.12	2.024	
16,200.00	7,018.23	16,043.34	6,951.51	278.15	277.52	-86.56	-177.59	-9,952.23	1,111.47	556.44	555.03	2.003	
16,300.00	7,017.95	16,143.34	6,951.38	281.10	280.48	-86.57	-178.17	-10,052.23	1,111.42	550.49	560.93	1.981	
16,400.00	7,017.66	16,243.34	6,951.24	284.06	283.43	-86.57	-178.75	-10,152.23	1,111.38	544.55	566.83	1.961	
16,500.00	7,017.38	16,343.34	6,951.11	287.01	286.39	-86.58	-179.33	-10,252.23	1,111.34	538.60	572.74	1.940	
16,600.00	7,017.09	16,443.34	6,950.98	289.96	289.34	-86.59	-179.91	-10,352.23	1,111.29	532.65	578.64	1.921	
16,700.00	7,016.81	16,543.34	6,950.85	292.92	292.30	-86.60	-180.48	-10,452.22	1,111.25	526.71	584.54	1.901	
16,800.00	7,016.52	16,643.34	6,950.72	295.87	295.25	-86.60	-181.06	-10,552.22	1,111.21	520.76	590.45	1.882	
16,900.00	7,016.24	16,743.34	6,950.58	298.82	298.21	-86.61	-181.64	-10,652.22	1,111.16	514.81	596.35	1.863	
17,000.00	7,015.95	16,843.34	6,950.45	301.78	301.16	-86.62	-182.22	-10,752.22	1,111.12	508.86	602.26	1.845	
17,100.00	7,015.67	16,943.34	6,950.32	304.73	304.12	-86.63	-182.80	-10,852.22	1,111.08	502.91	608.16	1.827	
17,200.00	7,015.38	17,043.34	6,950.19	307.68	307.07	-86.64	-183.37	-10,952.22	1,111.03	496.96	614.07	1.809	
17,300.00	7,015.10	17,143.34	6,950.05	310.64	310.03	-86.64	-183.95	-11,052.21	1,110.99	491.01	619.97	1.792	
17,334.43	7,015.00	17,177.77	6,950.01	311.66	311.05	-86.65	-184.15	-11,086.65	1,110.97	488.97	622.00	1.786 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				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	-179.60	-79.79	-0.56	79.79				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-79.79	-0.56	79.79	72.26	7.53	10.600	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-79.79	-0.56	79.79	72.22	7.57	10.542 CC	
200.03	200.03	200.03	200.03	3.30	3.30	-179.60	-79.79	-0.56	79.79	72.22	7.57	10.542 ES	
300.00	300.00	300.32	300.32	3.35	3.34	-144.22	-79.68	-0.99	80.04	72.39	7.65	10.457	
400.00	399.93	400.92	400.85	3.41	3.41	-143.23	-78.84	-4.42	82.08	74.30	7.78	10.549	
500.00	499.68	501.39	501.06	3.50	3.50	-141.39	-77.16	-11.26	86.21	78.26	7.96	10.837	
600.00	599.13	601.42	600.58	3.62	3.61	-139.15	-74.73	-21.14	92.60	84.42	8.18	11.318	
700.00	698.15	701.00	699.58	3.76	3.74	-138.19	-72.19	-31.50	101.61	93.15	8.46	12.012	
800.00	796.65	800.32	798.34	3.93	3.90	-138.53	-69.65	-41.83	113.14	104.36	8.79	12.876	
900.00	894.97	900.44	897.00	4.14	4.08	-139.20	-67.11	-52.16	125.42	116.27	9.15	13.704	
1,000.00	993.30	1,001.21	995.66	4.37	4.27	-139.75	-64.58	-62.48	137.71	128.15	9.55	14.412	
1,100.00	1,091.62	1,101.97	1,094.32	4.62	4.48	-140.21	-62.04	-72.80	150.01	140.02	9.99	15.017	
1,200.00	1,189.95	1,202.74	1,192.99	4.89	4.71	-140.61	-59.50	-83.13	162.31	151.86	10.45	15.531	
1,300.00	1,288.28	1,303.51	1,291.65	5.18	4.94	-140.94	-56.97	-93.45	174.63	163.69	10.94	15.969	
1,400.00	1,386.60	1,404.27	1,390.31	5.48	5.18	-141.23	-54.43	-103.78	186.94	175.50	11.44	16.341	
1,500.00	1,484.93	1,505.04	1,488.98	5.78	5.44	-141.49	-51.90	-114.10	199.27	187.30	11.96	16.657	
1,600.00	1,583.25	1,605.80	1,587.64	6.10	5.69	-141.71	-49.36	-124.43	211.59	199.09	12.50	16.927	
1,700.00	1,681.58	1,693.43	1,686.30	6.43	5.92	-141.92	-46.82	-134.75	223.92	210.91	13.02	17.204	
1,800.00	1,779.90	1,807.34	1,784.97	6.61	6.08	-142.10	-44.29	-145.07	236.25	223.30	12.95	18.242	
1,900.00	1,878.23	1,908.10	1,883.63	6.66	6.11	-142.26	-41.75	-155.40	248.59	235.58	13.01	19.112	
2,000.00	1,976.55	2,008.87	1,982.29	6.72	6.16	-142.40	-39.22	-165.72	260.92	247.82	13.10	19.920	
2,100.00	2,074.88	2,109.63	2,080.96	6.82	6.22	-142.54	-36.68	-176.05	273.26	260.04	13.23	20.662	
2,200.00	2,173.20	2,189.60	2,179.62	6.93	6.28	-142.66	-34.15	-186.37	285.60	272.23	13.37	21.364	
2,300.00	2,271.53	2,288.84	2,278.28	7.06	6.37	-142.77	-31.61	-196.70	297.94	284.38	13.56	21.978	
2,400.00	2,369.86	2,388.07	2,376.94	7.21	6.47	-142.87	-29.07	-207.02	310.28	296.50	13.77	22.525	
2,500.00	2,468.18	2,487.30	2,475.61	7.37	6.59	-142.97	-26.54	-217.34	322.62	308.60	14.02	23.006	
2,600.00	2,566.51	2,586.54	2,574.27	7.56	6.72	-143.06	-24.00	-227.67	334.96	320.66	14.30	23.426	
2,700.00	2,664.83	2,685.77	2,672.93	7.75	6.86	-143.14	-21.47	-237.99	347.30	332.70	14.60	23.787	
2,800.00	2,763.16	2,785.01	2,771.60	7.97	7.01	-143.22	-18.93	-248.32	359.65	344.72	14.93	24.095	
2,900.00	2,861.48	2,884.24	2,870.26	8.19	7.18	-143.29	-16.39	-258.64	371.99	356.72	15.27	24.353	
3,000.00	2,959.81	2,983.47	2,968.92	8.43	7.35	-143.35	-13.86	-268.97	384.34	368.69	15.64	24.566	
3,100.00	3,058.13	3,082.71	3,067.59	8.68	7.53	-143.42	-11.32	-279.29	396.68	380.65	16.03	24.740	
3,200.00	3,156.46	3,181.94	3,166.25	8.93	7.73	-143.47	-8.79	-289.61	409.03	392.59	16.44	24.878	
3,300.00	3,254.79	3,281.18	3,264.91	9.20	7.93	-143.53	-6.25	-299.94	421.37	404.51	16.87	24.984	
3,400.00	3,353.11	3,380.41	3,363.57	9.47	8.13	-143.58	-3.71	-310.26	433.72	416.41	17.31	25.062	
3,500.00	3,451.44	3,479.65	3,462.24	9.76	8.35	-143.63	-1.18	-320.59	446.07	428.31	17.76	25.117	
3,600.00	3,549.76	3,578.88	3,560.90	10.05	8.57	-143.68	1.36	-330.91	458.41	440.19	18.23	25.150	
3,700.00	3,648.09	3,678.11	3,659.56	10.34	8.80	-143.72	3.89	-341.23	470.76	452.05	18.71	25.166	
3,800.00	3,746.41	3,777.35	3,758.23	10.65	9.03	-143.76	6.43	-351.56	483.11	463.91	19.20	25.166	
3,900.00	3,844.74	3,876.58	3,856.89	10.95	9.27	-143.80	8.96	-361.88	495.46	475.76	19.70	25.153	
4,000.00	3,943.06	3,975.82	3,955.55	11.27	9.51	-143.84	11.50	-372.21	507.80	487.60	20.21	25.128	
4,100.00	4,041.39	4,075.05	4,054.22	11.58	9.76	-143.88	14.04	-382.53	520.15	499.42	20.73	25.094	
4,200.00	4,139.71	4,174.28	4,152.88	11.90	10.01	-143.91	16.57	-392.86	532.50	511.25	21.26	25.052	
4,300.00	4,238.04	4,273.52	4,251.54	12.23	10.26	-143.94	19.11	-403.18	544.85	523.06	21.79	25.004	
4,400.00	4,336.37	4,372.75	4,350.21	12.56	10.52	-143.98	21.64	-413.50	557.20	534.87	22.33	24.950	
4,500.00	4,434.69	4,471.99	4,448.87	12.89	10.78	-144.01	24.18	-423.83	569.55	546.67	22.88	24.891	
4,600.00	4,533.02	4,571.22	4,547.53	13.22	11.04	-144.03	26.72	-434.15	581.90	558.46	23.44	24.829	
4,700.00	4,631.34	4,670.46	4,646.19	13.56	11.31	-144.06	29.25	-444.48	594.25	570.25	24.00	24.764	
4,800.00	4,729.67	4,769.69	4,744.86	13.90	11.58	-144.09	31.79	-454.80	606.59	582.03	24.56	24.696	
4,900.00	4,827.99	4,868.92	4,843.52	14.24	11.85	-144.11	34.32	-465.13	618.94	593.81	25.13	24.627	
5,000.00	4,926.32	4,968.16	4,942.18	14.59	12.12	-144.14	36.86	-475.45	631.29	605.59	25.71	24.557	
5,100.00	5,024.64	5,067.39	5,040.85	14.94	12.40	-144.16	39.40	-485.77	643.64	617.36	26.29	24.486	
5,200.00	5,122.97	5,166.63	5,139.51	15.29	12.68	-144.18	41.93	-496.10	655.99	629.12	26.87	24.414	
5,300.00	5,221.29	5,265.86	5,238.17	15.64	12.96	-144.21	44.47	-506.42	668.34	640.89	27.46	24.342	
5,400.00	5,319.62	5,365.09	5,336.84	15.99	13.24	-144.23	47.00	-516.75	680.69	652.65	28.05	24.270	
5,500.00	5,417.95	5,464.33	5,435.50	16.34	13.52	-144.25	49.54	-527.07	693.04	664.40	28.64	24.198	
5,600.00	5,516.27	5,563.56	5,534.16	16.70	13.81	-144.27	52.07	-537.40	705.39	676.16	29.24	24.127	
5,700.00	5,614.60	5,662.80	5,632.83	17.06	14.09	-144.29	54.61	-547.72	717.74	687.91	29.84	24.056	
5,800.00	5,712.92	5,762.03	5,731.49	17.41	14.38	-144.30	57.15	-558.04	730.09	699.66	30.44	23.986	
5,900.00	5,811.25	5,861.27	5,830.15	17.77	14.67	-144.32	59.68	-568.37	742.44	711.40	31.04	23.917	
6,000.00	5,909.57	5,960.50	5,928.81	18.14	14.96	-144.34	62.22	-578.69	754.79	723.14	31.65	23.849	
6,100.00	6,007.90	6,059.73	6,027.48	18.50	15.25	-144.35	64.75	-589.02	767.14	734.89	32.26	23.781	
6,200.00	6,106.22	6,158.97	6,126.14	18.86	15.54	-144.37	67.29	-599.34	779.49	746.62	32.87	23.714	
6,300.00	6,204.55	6,258.20	6,224.80	19.22	15.84	-144.39	69.83	-609.67	791.85	758.36	33.48	23.649	
6,400.00	6,302.88	6,357.44	6,323.47	19.59	16.13	-144.40	72.36	-619.99	804.20	770.10	34.10	23.584	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,401.20	6,456.67	6,422.13	19.95	16.42	-144.42	74.90	-630.31	816.55	781.83	34.72	23.521	
6,600.00	6,499.49	6,555.49	6,520.09	20.32	16.74	-136.62	77.41	-642.78	828.90	793.54	35.36	23.442	
6,700.00	6,595.97	6,653.40	6,614.48	20.73	17.15	-114.80	79.77	-668.33	841.05	804.88	36.17	23.250	
6,800.00	6,687.96	6,750.73	6,703.33	21.24	17.70	-105.03	81.92	-707.76	852.63	815.39	37.24	22.898	
6,900.00	6,773.19	6,847.58	6,784.76	21.88	18.40	-99.51	83.83	-759.99	863.35	824.76	38.59	22.372	
7,000.00	6,849.58	6,944.07	6,857.09	22.67	19.29	-95.94	85.45	-823.69	872.93	832.62	40.31	21.656	
7,100.00	6,915.22	7,040.27	6,918.81	23.64	20.40	-93.48	86.75	-897.36	881.14	838.67	42.47	20.747	
7,200.00	6,968.52	7,136.27	6,968.64	24.83	21.76	-91.76	87.70	-979.30	887.78	842.64	45.14	19.669	
7,300.00	7,008.15	7,232.13	7,005.57	26.26	23.36	-90.61	88.29	-1,067.66	892.67	844.36	48.31	18.479	
7,400.00	7,033.14	7,327.90	7,028.81	27.92	25.18	-89.93	88.51	-1,160.48	895.70	843.77	51.93	17.249	
7,500.00	7,042.87	7,423.63	7,037.88	29.76	27.15	-89.68	88.34	-1,255.68	896.79	840.92	55.87	16.051	
7,600.00	7,042.76	7,523.00	7,037.79	31.74	29.33	-89.68	87.91	-1,355.05	896.63	836.44	60.19	14.898	
7,700.00	7,042.47	7,623.00	7,037.53	33.87	31.64	-89.68	87.48	-1,455.04	896.45	831.68	64.77	13.841	
7,800.00	7,042.19	7,723.00	7,037.28	36.12	34.05	-89.69	87.05	-1,555.04	896.27	826.71	69.55	12.886	
7,900.00	7,041.90	7,823.00	7,037.02	38.48	36.54	-89.69	86.62	-1,655.04	896.09	821.58	74.51	12.027	
8,000.00	7,041.62	7,923.00	7,036.77	40.91	39.10	-89.69	86.19	-1,755.04	895.91	816.31	79.59	11.256	
8,100.00	7,041.33	8,023.00	7,036.52	43.42	41.71	-89.69	85.75	-1,855.04	895.73	810.94	84.79	10.564	
8,200.00	7,041.05	8,123.00	7,036.26	45.98	44.37	-89.69	85.32	-1,955.04	895.54	805.47	90.07	9.942	
8,300.00	7,040.76	8,223.00	7,036.01	48.59	47.06	-89.70	84.89	-2,055.04	895.36	799.93	95.43	9.382	
8,400.00	7,040.48	8,323.00	7,035.75	51.24	49.78	-89.70	84.46	-2,155.03	895.18	794.32	100.86	8.876	
8,500.00	7,040.19	8,422.99	7,035.50	53.92	52.53	-89.70	84.03	-2,255.03	895.00	788.67	106.34	8.417	
8,600.00	7,039.90	8,522.99	7,035.24	56.63	55.30	-89.70	83.59	-2,355.03	894.82	782.96	111.86	7.999	
8,700.00	7,039.62	8,622.99	7,034.99	59.37	58.09	-89.70	83.16	-2,455.03	894.64	777.22	117.42	7.619	
8,800.00	7,039.33	8,722.99	7,034.73	62.13	60.90	-89.71	82.73	-2,555.03	894.46	771.44	123.02	7.271	
8,900.00	7,039.05	8,822.99	7,034.48	64.90	63.72	-89.71	82.30	-2,655.03	894.28	765.63	128.65	6.951	
9,000.00	7,038.76	8,922.99	7,034.22	67.70	66.55	-89.71	81.87	-2,755.03	894.10	759.80	134.30	6.658	
9,100.00	7,038.48	9,022.99	7,033.97	70.50	69.39	-89.71	81.43	-2,855.02	893.92	753.95	139.97	6.386	
9,200.00	7,038.19	9,122.99	7,033.72	73.32	72.25	-89.71	81.00	-2,955.02	893.74	748.07	145.67	6.135	
9,300.00	7,037.91	9,222.99	7,033.46	76.15	75.11	-89.72	80.57	-3,055.02	893.56	742.18	151.38	5.903	
9,400.00	7,037.62	9,322.99	7,033.21	78.99	77.98	-89.72	80.14	-3,155.02	893.38	736.27	157.11	5.686	
9,500.00	7,037.34	9,422.99	7,032.95	81.84	80.85	-89.72	79.71	-3,255.02	893.20	730.35	162.85	5.485	
9,600.00	7,037.05	9,522.99	7,032.70	84.70	83.73	-89.72	79.27	-3,355.02	893.02	724.41	168.60	5.297	
9,700.00	7,036.77	9,622.99	7,032.44	87.56	86.62	-89.72	78.84	-3,455.02	892.83	718.47	174.37	5.120	
9,800.00	7,036.48	9,722.99	7,032.19	90.43	89.51	-89.72	78.41	-3,555.01	892.65	712.51	180.14	4.955	
9,900.00	7,036.20	9,822.99	7,031.93	93.30	92.41	-89.73	77.98	-3,655.01	892.47	706.54	185.93	4.800	
10,000.00	7,035.91	9,922.99	7,031.68	96.19	95.31	-89.73	77.55	-3,755.01	892.29	700.57	191.72	4.654	
10,100.00	7,035.63	10,022.99	7,031.42	99.07	98.21	-89.73	77.12	-3,855.01	892.11	694.59	197.53	4.516	
10,200.00	7,035.34	10,122.99	7,031.17	101.96	101.12	-89.73	76.68	-3,955.01	891.93	688.60	203.33	4.387	
10,300.00	7,035.06	10,222.99	7,030.92	104.86	104.03	-89.73	76.25	-4,055.01	891.75	682.60	209.15	4.264	
10,400.00	7,034.77	10,322.99	7,030.66	107.75	106.94	-89.74	75.82	-4,155.01	891.57	676.60	214.97	4.147	
10,500.00	7,034.49	10,422.99	7,030.41	110.66	109.86	-89.74	75.39	-4,255.00	891.39	670.59	220.80	4.037	
10,600.00	7,034.20	10,522.99	7,030.15	113.56	112.78	-89.74	74.96	-4,355.00	891.21	664.58	226.63	3.932	
10,700.00	7,033.92	10,622.99	7,029.90	116.47	115.70	-89.74	74.52	-4,455.00	891.03	658.56	232.46	3.833	
10,800.00	7,033.63	10,722.99	7,029.64	119.38	118.62	-89.74	74.09	-4,555.00	890.85	652.54	238.30	3.738	
10,900.00	7,033.35	10,822.99	7,029.39	122.29	121.54	-89.75	73.66	-4,655.00	890.67	646.52	244.15	3.648	
11,000.00	7,033.06	10,922.99	7,029.13	125.21	124.47	-89.75	73.23	-4,755.00	890.49	640.49	250.00	3.562	
11,100.00	7,032.78	11,022.99	7,028.88	128.12	127.40	-89.75	72.80	-4,855.00	890.31	634.46	255.85	3.480	
11,200.00	7,032.49	11,122.99	7,028.62	131.04	130.33	-89.75	72.36	-4,954.99	890.12	628.42	261.70	3.401	
11,300.00	7,032.21	11,222.99	7,028.37	133.96	133.26	-89.75	71.93	-5,054.99	889.94	622.38	267.56	3.326	
11,400.00	7,031.92	11,322.99	7,028.12	136.89	136.19	-89.76	71.50	-5,154.99	889.76	616.34	273.42	3.254	
11,500.00	7,031.64	11,422.99	7,027.86	139.81	139.13	-89.76	71.07	-5,254.99	889.58	610.30	279.29	3.185	
11,600.00	7,031.35	11,522.99	7,027.61	142.74	142.06	-89.76	70.64	-5,354.99	889.40	604.25	285.15	3.119	
11,700.00	7,031.07	11,622.99	7,027.35	145.66	145.00	-89.76	70.20	-5,454.99	889.22	598.20	291.02	3.056	
11,800.00	7,030.78	11,722.99	7,027.10	148.59	147.93	-89.76	69.77	-5,554.99	889.04	592.15	296.89	2.995	
11,900.00	7,030.50	11,822.99	7,026.84	151.52	150.87	-89.76	69.34	-5,654.98	888.86	586.10	302.76	2.936	
12,000.00	7,030.21	11,922.99	7,026.59	154.45	153.81	-89.77	68.91	-5,754.98	888.68	580.04	308.64	2.879	
12,100.00	7,029.92	12,022.99	7,026.33	157.39	156.75	-89.77	68.48	-5,854.98	888.50	573.99	314.51	2.825	
12,200.00	7,029.64	12,122.99	7,026.08	160.32	159.69	-89.77	68.04	-5,954.98	888.32	567.93	320.39	2.773	
12,300.00	7,029.35	12,222.99	7,025.82	163.26	162.63	-89.77	67.61	-6,054.98	888.14	561.87	326.27	2.722	
12,400.00	7,029.07	12,322.99	7,025.57	166.19	165.57	-89.77	67.18	-6,154.98	887.96	555.80	332.15	2.673	
12,500.00	7,028.78	12,422.99	7,025.32	169.13	168.52	-89.78	66.75	-6,254.98	887.78	549.74	338.04	2.626	
12,600.00	7,028.50	12,522.99	7,025.06	172.06	171.46	-89.78	66.32	-6,354.97	887.60	543.68	343.92	2.581	
12,700.00	7,028.21	12,622.99	7,024.81	175.00	174.40	-89.78	65.88	-6,454.97	887.42	537.61	349.81	2.537	
12,800.00	7,027.93	12,722.99	7,024.55	177.94	177.35	-89.78	65.45	-6,554.97	887.23	531.54	355.69	2.494	
12,900.00	7,027.64	12,822.99	7,024.30	180.88	180.29	-89.78	65.02	-6,654.97	887.05	525.47	361.58	2.453	
13,000.00	7,027.36	12,922.99	7,024.04	183.82	183.24	-89.79	64.59	-6,754.97	886.87	519.40	367.47	2.413	

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
13,100.00	7,027.07	13,022.99	7,023.79	186.76	186.18	-89.79	64.16	-6,854.97	886.69	513.33	373.36	2.375	
13,200.00	7,026.79	13,122.99	7,023.53	189.70	189.13	-89.79	63.73	-6,954.97	886.51	507.26	379.25	2.338	
13,300.00	7,026.50	13,222.99	7,023.28	192.65	192.08	-89.79	63.29	-7,054.96	886.33	501.19	385.14	2.301	
13,400.00	7,026.22	13,322.99	7,023.02	195.59	195.03	-89.79	62.86	-7,154.96	886.15	495.12	391.04	2.266	
13,500.00	7,025.93	13,422.99	7,022.77	198.53	197.97	-89.80	62.43	-7,254.96	885.97	489.04	396.93	2.232	
13,600.00	7,025.65	13,522.99	7,022.52	201.48	200.92	-89.80	62.00	-7,354.96	885.79	482.96	402.82	2.199	
13,700.00	7,025.36	13,622.99	7,022.26	204.42	203.87	-89.80	61.57	-7,454.96	885.61	476.89	408.72	2.167	
13,800.00	7,025.08	13,722.99	7,022.01	207.37	206.82	-89.80	61.13	-7,554.96	885.43	470.81	414.62	2.136	
13,900.00	7,024.79	13,822.99	7,021.75	210.31	209.77	-89.80	60.70	-7,654.96	885.25	464.73	420.51	2.105	
14,000.00	7,024.51	13,922.99	7,021.50	213.26	212.72	-89.81	60.27	-7,754.95	885.07	458.65	426.41	2.076	
14,100.00	7,024.22	14,022.99	7,021.24	216.20	215.67	-89.81	59.84	-7,854.95	884.89	452.58	432.31	2.047	
14,200.00	7,023.94	14,122.99	7,020.99	219.15	218.62	-89.81	59.41	-7,954.95	884.71	446.50	438.21	2.019	
14,300.00	7,023.65	14,222.99	7,020.73	222.10	221.57	-89.81	58.97	-8,054.95	884.53	440.41	444.11	1.992	
14,400.00	7,023.37	14,322.99	7,020.48	225.05	224.52	-89.81	58.54	-8,154.95	884.34	434.33	450.01	1.965	
14,500.00	7,023.08	14,422.98	7,020.22	227.99	227.47	-89.82	58.11	-8,254.95	884.16	428.25	455.91	1.939	
14,600.00	7,022.80	14,522.98	7,019.97	230.94	230.43	-89.82	57.68	-8,354.95	883.98	422.17	461.81	1.914	
14,700.00	7,022.51	14,622.98	7,019.72	233.89	233.38	-89.82	57.25	-8,454.94	883.80	416.09	467.72	1.890	
14,800.00	7,022.23	14,722.98	7,019.46	236.84	236.33	-89.82	56.81	-8,554.94	883.62	410.00	473.62	1.866	
14,900.00	7,021.94	14,822.98	7,019.21	239.79	239.28	-89.82	56.38	-8,654.94	883.44	403.92	479.52	1.842	
15,000.00	7,021.66	14,922.98	7,018.95	242.74	242.24	-89.82	55.95	-8,754.94	883.26	397.83	485.43	1.820	
15,100.00	7,021.37	15,022.98	7,018.70	245.69	245.19	-89.83	55.52	-8,854.94	883.08	391.75	491.33	1.797	
15,200.00	7,021.09	15,122.98	7,018.44	248.64	248.14	-89.83	55.09	-8,954.94	882.90	385.66	497.24	1.776	
15,300.00	7,020.80	15,222.98	7,018.19	251.59	251.10	-89.83	54.65	-9,054.94	882.72	379.58	503.14	1.754	
15,400.00	7,020.52	15,322.98	7,017.93	254.54	254.05	-89.83	54.22	-9,154.93	882.54	373.49	509.05	1.734	
15,500.00	7,020.23	15,422.98	7,017.68	257.49	257.00	-89.83	53.79	-9,254.93	882.36	367.40	514.95	1.713	
15,600.00	7,019.94	15,522.98	7,017.42	260.44	259.96	-89.84	53.36	-9,354.93	882.18	361.32	520.86	1.694	
15,700.00	7,019.66	15,622.98	7,017.17	263.39	262.91	-89.84	52.93	-9,454.93	882.00	355.23	526.77	1.674	
15,800.00	7,019.37	15,722.98	7,016.92	266.34	265.86	-89.84	52.49	-9,554.93	881.82	349.14	532.67	1.655	
15,900.00	7,019.09	15,822.98	7,016.66	269.29	268.82	-89.84	52.06	-9,654.93	881.64	343.05	538.58	1.637	
16,000.00	7,018.80	15,922.98	7,016.41	272.25	271.77	-89.84	51.63	-9,754.93	881.45	336.96	544.49	1.619	
16,100.00	7,018.52	16,022.98	7,016.15	275.20	274.73	-89.85	51.20	-9,854.92	881.27	330.88	550.40	1.601	
16,200.00	7,018.23	16,122.98	7,015.90	278.15	277.68	-89.85	50.77	-9,954.92	881.09	324.79	556.31	1.584	
16,300.00	7,017.95	16,222.98	7,015.64	281.10	280.64	-89.85	50.34	-10,054.92	880.91	318.70	562.22	1.567	
16,400.00	7,017.66	16,322.98	7,015.39	284.06	283.59	-89.85	49.90	-10,154.92	880.73	312.61	568.13	1.550	
16,500.00	7,017.38	16,422.98	7,015.13	287.01	286.55	-89.85	49.47	-10,254.92	880.55	306.52	574.04	1.534	
16,600.00	7,017.09	16,522.98	7,014.88	289.96	289.51	-89.86	49.04	-10,354.92	880.37	300.43	579.95	1.518	
16,700.00	7,016.81	16,622.98	7,014.62	292.92	292.46	-89.86	48.61	-10,454.92	880.19	294.34	585.86	1.502	
16,800.00	7,016.52	16,722.98	7,014.37	295.87	295.42	-89.86	48.18	-10,554.91	880.01	288.24	591.77	1.487 Level 3	
16,900.00	7,016.24	16,822.98	7,014.12	298.82	298.37	-89.86	47.74	-10,654.91	879.83	282.15	597.68	1.472 Level 3	
17,000.00	7,015.95	16,922.98	7,013.86	301.78	301.33	-89.86	47.31	-10,754.91	879.65	276.06	603.59	1.457 Level 3	
17,100.00	7,015.67	17,022.98	7,013.61	304.73	304.28	-89.87	46.88	-10,854.91	879.47	269.97	609.50	1.443 Level 3	
17,200.00	7,015.38	17,122.98	7,013.35	307.68	307.24	-89.87	46.45	-10,954.91	879.29	263.88	615.41	1.429 Level 3	
17,300.00	7,015.10	17,222.98	7,013.10	310.64	310.20	-89.87	46.02	-11,054.91	879.11	257.79	621.32	1.415 Level 3	
17,334.43	7,015.00	17,257.41	7,013.01	311.66	311.21	-89.87	45.87	-11,089.34	879.05	255.69	623.35	1.410 Level 3, 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		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	0.00	0.00	3.28	3.28	-179.60	-200.00	-1.39	200.00				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-200.00	-1.39	200.00	192.47	7.53	26.570	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-200.00	-1.39	200.00	192.43	7.57	26.425	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-200.00	-1.39	200.00	192.43	7.57	26.425	CC, ES
300.00	300.00	297.21	297.21	3.35	3.34	-144.35	-200.32	-1.60	200.70	193.05	7.65	26.233	SF
400.00	399.93	391.40	391.34	3.41	3.39	-144.36	-202.93	-3.28	206.32	198.55	7.77	26.566	
500.00	499.68	484.94	484.68	3.50	3.47	-144.36	-208.09	-6.61	217.51	209.58	7.93	27.445	
600.00	599.13	577.40	576.69	3.62	3.56	-144.35	-215.70	-11.52	234.22	226.09	8.13	28.819	
700.00	698.15	668.37	666.89	3.76	3.68	-144.32	-225.63	-17.91	256.36	247.99	8.37	30.621	
800.00	796.65	757.52	754.87	3.93	3.82	-144.33	-237.69	-25.68	283.71	275.05	8.66	32.751	
900.00	894.97	850.37	846.12	4.14	4.01	-144.41	-252.11	-34.98	313.77	304.78	8.99	34.906	
1,000.00	993.30	945.70	939.78	4.37	4.23	-144.47	-267.06	-44.61	343.98	334.61	9.36	36.738	
1,100.00	1,091.62	1,041.03	1,033.43	4.62	4.47	-144.52	-282.01	-54.24	374.18	364.41	9.77	38.295	
1,200.00	1,189.95	1,136.36	1,127.09	4.89	4.73	-144.56	-296.95	-63.88	404.38	394.17	10.21	39.610	
1,300.00	1,288.28	1,231.69	1,220.75	5.18	5.01	-144.59	-311.90	-73.51	434.59	423.91	10.67	40.720	
1,400.00	1,386.60	1,327.02	1,314.40	5.48	5.30	-144.62	-326.84	-83.14	464.79	453.63	11.16	41.650	
1,500.00	1,484.93	1,422.35	1,408.06	5.78	5.60	-144.65	-341.79	-92.77	494.99	483.33	11.66	42.446	
1,600.00	1,583.25	1,517.68	1,501.72	6.10	5.92	-144.67	-356.74	-102.41	525.20	513.01	12.18	43.104	
1,700.00	1,681.58	1,613.01	1,595.37	6.43	6.24	-144.69	-371.68	-112.04	555.40	542.68	12.72	43.662	
1,800.00	1,779.90	1,708.34	1,689.03	6.61	6.55	-144.71	-386.63	-121.67	585.61	572.67	12.93	45.286	
1,900.00	1,878.23	1,803.67	1,782.68	6.66	6.73	-144.73	-401.58	-131.30	615.81	602.88	12.93	47.624	
2,000.00	1,976.55	1,901.01	1,876.34	6.72	6.78	-144.74	-416.52	-140.93	646.01	633.01	13.01	49.665	
2,100.00	2,074.88	2,005.68	1,970.00	6.82	6.86	-144.76	-431.47	-150.57	676.22	663.09	13.12	51.524	
2,200.00	2,173.20	2,089.65	2,063.65	6.93	6.94	-144.77	-446.42	-160.20	706.42	693.16	13.26	53.263	
2,300.00	2,271.53	2,184.98	2,157.31	7.06	7.05	-144.78	-461.36	-169.83	736.63	723.19	13.44	54.805	
2,400.00	2,369.86	2,280.31	2,250.97	7.21	7.18	-144.79	-476.31	-179.46	766.83	753.18	13.65	56.178	
2,500.00	2,468.18	2,375.64	2,344.62	7.37	7.33	-144.80	-491.25	-189.10	797.04	783.15	13.89	57.385	
2,600.00	2,566.51	2,470.97	2,438.28	7.56	7.49	-144.81	-506.20	-198.73	827.24	813.08	14.16	58.435	
2,700.00	2,664.83	2,566.30	2,531.93	7.75	7.68	-144.82	-521.15	-208.36	857.44	842.99	14.45	59.336	
2,800.00	2,763.16	2,661.63	2,625.59	7.97	7.87	-144.83	-536.09	-217.99	887.65	872.88	14.77	60.098	
2,900.00	2,861.48	2,756.96	2,719.25	8.19	8.08	-144.84	-551.04	-227.62	917.85	902.74	15.11	60.734	
3,000.00	2,959.81	2,852.29	2,812.90	8.43	8.31	-144.84	-565.99	-237.26	948.06	932.58	15.48	61.255	
3,100.00	3,058.13	2,947.62	2,906.56	8.68	8.54	-144.85	-580.93	-246.89	978.26	962.40	15.86	61.673	
3,200.00	3,156.46	3,042.95	3,000.22	8.93	8.79	-144.86	-595.88	-256.52	1,008.47	992.20	16.27	61.999	
3,300.00	3,254.79	3,138.28	3,093.87	9.20	9.04	-144.86	-610.82	-266.15	1,038.67	1,021.98	16.69	62.244	
3,400.00	3,353.11	3,233.61	3,187.53	9.47	9.31	-144.87	-625.77	-275.79	1,068.88	1,051.75	17.12	62.418	
3,500.00	3,451.44	3,328.93	3,281.19	9.76	9.58	-144.87	-640.72	-285.42	1,099.08	1,081.50	17.58	62.531	
3,600.00	3,549.76	3,424.26	3,374.84	10.05	9.87	-144.88	-655.66	-295.05	1,129.28	1,111.24	18.04	62.590	
3,700.00	3,648.09	3,519.59	3,468.50	10.34	10.15	-144.88	-670.61	-304.68	1,159.49	1,140.97	18.52	62.603	
3,800.00	3,746.41	3,614.92	3,562.15	10.65	10.45	-144.89	-685.56	-314.31	1,189.69	1,170.68	19.01	62.577	

Offset Design5N-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	-179.56	-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	297.67	297.67	3.35	3.34	-144.30	-180.27	-1.65	180.65	172.99	7.65	23.611	SF
400.00	399.93	392.81	392.75	3.41	3.39	-144.21	-182.70	-3.67	186.05	178.28	7.77	23.952	
500.00	499.68	487.33	487.06	3.50	3.47	-144.06	-187.52	-7.67	196.84	188.91	7.93	24.824	
600.00	599.13	580.84	580.11	3.62	3.56	-143.84	-194.65	-13.58	212.94	204.80	8.13	26.176	
700.00	698.15	672.96	671.43	3.76	3.68	-143.57	-203.94	-21.30	234.28	225.89	8.38	27.941	
800.00	796.65	766.88	764.17	3.93	3.84	-143.40	-215.37	-30.78	260.30	251.60	8.69	29.946	
900.00	894.97	863.16	859.19	4.14	4.03	-143.53	-227.30	-40.69	287.31	278.28	9.03	31.806	
1,000.00	993.30	959.44	954.21	4.37	4.24	-143.65	-239.23	-50.60	314.33	304.92	9.41	33.396	
1,100.00	1,091.62	1,055.72	1,049.23	4.62	4.47	-143.74	-251.16	-60.50	341.35	331.53	9.82	34.745	
1,200.00	1,189.95	1,152.00	1,144.25	4.89	4.72	-143.82	-263.10	-70.41	368.37	358.11	10.27	35.884	
1,300.00	1,288.28	1,248.28	1,239.28	5.18	4.98	-143.90	-275.03	-80.32	395.39	384.66	10.73	36.844	
1,400.00	1,386.60	1,344.56	1,334.30	5.48	5.26	-143.96	-286.96	-90.22	422.41	411.19	11.22	37.650	
1,500.00	1,484.93	1,440.84	1,429.32	5.78	5.54	-144.01	-298.90	-100.13	449.44	437.71	11.72	38.336	
1,600.00	1,583.25	1,537.12	1,524.34	6.10	5.84	-144.06	-310.83	-110.04	476.46	464.21	12.25	38.905	
1,700.00	1,681.58	1,633.40	1,619.36	6.43	6.14	-144.10	-322.76	-119.95	503.48	490.70	12.78	39.387	
1,800.00	1,779.90	1,729.67	1,714.38	6.61	6.40	-144.14	-334.69	-129.85	530.50	517.54	12.96	40.928	
1,900.00	1,878.23	1,825.95	1,809.41	6.66	6.54	-144.17	-346.63	-139.76	557.53	544.59	12.93	43.113	
2,000.00	1,976.55	1,922.23	1,904.43	6.72	6.58	-144.21	-358.56	-149.67	584.55	571.54	13.01	44.927	
2,100.00	2,074.88	2,018.51	1,999.45	6.82	6.65	-144.23	-370.49	-159.57	611.57	598.45	13.12	46.596	
2,200.00	2,173.20	2,114.79	2,094.47	6.93	6.73	-144.26	-382.43	-169.48	638.59	625.32	13.27	48.115	
2,300.00	2,271.53	2,211.07	2,189.49	7.06	6.84	-144.29	-394.36	-179.39	665.62	652.17	13.45	49.481	
2,400.00	2,369.86	2,307.35	2,284.51	7.21	6.96	-144.31	-406.29	-189.29	692.64	678.98	13.66	50.696	
2,500.00	2,468.18	2,403.63	2,379.54	7.37	7.09	-144.33	-418.22	-199.20	719.67	705.76	13.90	51.763	
2,600.00	2,566.51	2,500.09	2,474.56	7.56	7.25	-144.35	-430.16	-209.11	746.69	732.52	14.17	52.688	
2,700.00	2,664.83	2,596.19	2,569.58	7.75	7.42	-144.37	-442.09	-219.01	773.71	759.25	14.47	53.482	
2,800.00	2,763.16	2,707.53	2,664.60	7.97	7.63	-144.38	-454.02	-228.92	800.74	785.92	14.81	54.062	
2,900.00	2,861.48	2,788.74	2,759.62	8.19	7.79	-144.40	-465.96	-238.83	827.76	812.63	15.13	54.709	
3,000.00	2,959.81	2,885.02	2,854.64	8.43	8.00	-144.41	-477.89	-248.73	854.78	839.29	15.49	55.165	
3,100.00	3,058.13	2,981.30	2,949.67	8.68	8.22	-144.43	-489.82	-258.64	881.81	865.93	15.88	55.530	
3,200.00	3,156.46	3,077.58	3,044.69	8.93	8.45	-144.44	-501.75	-268.55	908.83	892.55	16.28	55.815	
3,300.00	3,254.79	3,173.86	3,139.71	9.20	8.69	-144.45	-513.69	-278.46	935.86	919.15	16.70	56.027	
3,400.00	3,353.11	3,270.14	3,234.73	9.47	8.93	-144.46	-525.62	-288.36	962.88	945.74	17.14	56.177	
3,500.00	3,451.44	3,366.42	3,329.75	9.76	9.19	-144.47	-537.55	-298.27	989.90	972.31	17.59	56.273	
3,600.00	3,549.76	3,462.70	3,424.77	10.05	9.45	-144.48	-549.49	-308.18	1,016.93	998.87	18.06	56.322	
3,700.00	3,648.09	3,558.98	3,519.80	10.34	9.72	-144.49	-561.42	-318.08	1,043.95	1,025.42	18.53	56.330	
3,800.00	3,746.41	3,655.26	3,614.82	10.65	9.99	-144.50	-573.35	-327.99	1,070.98	1,051.95	19.02	56.303	
3,900.00	3,844.74	3,751.54	3,709.84	10.95	10.27	-144.51	-585.28	-337.90	1,098.00	1,078.48	19.52	56.247	
4,000.00	3,943.06	3,847.81	3,804.86	11.27	10.56	-144.52	-597.22	-347.80	1,125.02	1,104.99	20.03	56.166	
4,100.00	4,041.39	3,944.09	3,899.88	11.58	10.85	-144.53	-609.15	-357.71	1,152.05	1,131.50	20.55	56.064	
4,200.00	4,139.71	4,040.37	3,994.91	11.90	11.15	-144.53	-621.08	-367.62	1,179.07	1,158.00	21.08	55.945	

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	-137.56	-198.55	-181.54	269.03				
100.00	100.00	102.00	102.00	3.28	3.28	-137.56	-198.55	-181.54	269.03	261.51	7.53	35.741	
200.00	200.00	202.00	202.00	3.30	3.30	-137.56	-198.55	-181.54	269.03	261.47	7.57	35.543	CC
200.00	200.00	202.00	202.00	3.30	3.30	-137.56	-198.55	-181.54	269.03	261.47	7.57	35.543	ES
300.00	300.00	297.65	297.65	3.35	3.34	-102.36	-198.77	-181.87	269.55	261.90	7.65	35.231	
400.00	399.93	389.13	389.08	3.41	3.39	-102.79	-200.42	-184.35	273.47	265.71	7.76	35.230	SF
500.00	499.68	480.18	479.93	3.50	3.47	-103.61	-203.68	-189.23	281.30	273.39	7.91	35.552	
600.00	599.13	570.51	569.84	3.62	3.56	-104.74	-208.49	-196.44	293.12	285.02	8.10	36.178	
700.00	698.15	659.85	658.45	3.76	3.67	-106.08	-214.79	-205.89	309.03	300.69	8.34	37.064	
800.00	796.65	747.96	745.45	3.93	3.82	-107.62	-222.50	-217.46	329.07	320.45	8.62	38.173	
900.00	894.97	835.01	830.95	4.14	3.99	-109.22	-231.58	-231.06	352.52	343.58	8.94	39.429	
1,000.00	993.30	921.00	914.89	4.37	4.20	-110.45	-241.95	-246.62	378.92	369.62	9.30	40.760	
1,100.00	1,091.62	1,005.81	997.08	4.62	4.45	-111.36	-253.55	-264.01	408.08	398.39	9.68	42.145	
1,200.00	1,189.95	1,106.63	1,081.30	4.89	4.79	-112.05	-266.83	-283.92	439.70	429.55	10.16	43.297	
1,300.00	1,288.28	1,187.93	1,172.10	5.18	5.10	-112.66	-281.47	-305.87	471.91	461.27	10.64	44.370	
1,400.00	1,386.60	1,282.49	1,262.91	5.48	5.48	-113.20	-296.10	-327.82	504.16	492.98	11.18	45.098	
1,500.00	1,484.93	1,377.05	1,353.71	5.78	5.89	-113.67	-310.74	-349.77	536.44	524.69	11.75	45.662	
1,600.00	1,583.25	1,471.61	1,444.52	6.10	6.30	-114.09	-325.38	-371.72	568.75	556.42	12.33	46.110	
1,700.00	1,681.58	1,566.17	1,535.32	6.43	6.74	-114.46	-340.02	-393.66	601.09	588.14	12.95	46.431	
1,800.00	1,779.90	1,660.73	1,626.12	6.61	7.18	-114.80	-354.65	-415.61	633.45	620.21	13.23	47.875	
1,900.00	1,878.23	1,755.28	1,716.93	6.66	7.51	-115.10	-369.29	-437.56	665.82	652.31	13.51	49.267	
2,000.00	1,976.55	1,849.84	1,807.73	6.72	7.68	-115.37	-383.93	-459.51	698.21	684.70	13.51	51.670	
2,100.00	2,074.88	1,944.40	1,898.54	6.82	7.77	-115.62	-398.56	-481.46	730.61	716.96	13.65	53.528	
2,200.00	2,173.20	2,038.96	1,989.34	6.93	7.90	-115.85	-413.20	-503.40	763.02	749.20	13.83	55.186	
2,300.00	2,271.53	2,133.52	2,080.15	7.06	8.06	-116.06	-427.84	-525.35	795.45	781.41	14.04	56.643	
2,400.00	2,369.86	2,228.08	2,170.95	7.21	8.25	-116.26	-442.48	-547.30	827.88	813.58	14.30	57.902	
2,500.00	2,468.18	2,322.64	2,261.75	7.37	8.46	-116.44	-457.11	-569.25	860.32	845.73	14.59	58.972	
2,600.00	2,566.51	2,417.20	2,352.56	7.56	8.70	-116.60	-471.75	-591.20	892.77	877.86	14.91	59.864	
2,700.00	2,664.83	2,511.76	2,443.36	7.75	8.97	-116.76	-486.39	-613.14	925.22	909.95	15.27	60.592	
2,800.00	2,763.16	2,606.31	2,534.17	7.97	9.25	-116.90	-501.02	-635.09	957.68	942.03	15.66	61.172	
2,900.00	2,861.48	2,700.87	2,624.97	8.19	9.56	-117.03	-515.66	-657.04	990.15	974.08	16.07	61.619	
3,000.00	2,959.81	2,804.57	2,715.78	8.43	9.91	-117.16	-530.30	-678.99	1,022.61	1,006.08	16.53	61.864	
3,100.00	3,058.13	2,889.99	2,806.58	8.68	10.22	-117.28	-544.94	-700.94	1,055.09	1,038.12	16.97	62.171	
3,200.00	3,156.46	2,984.55	2,897.38	8.93	10.57	-117.39	-559.57	-722.88	1,087.56	1,070.11	17.45	62.307	
3,300.00	3,254.79	3,079.11	2,988.19	9.20	10.94	-117.50	-574.21	-744.83	1,120.04	1,102.09	17.96	62.368	
3,400.00	3,353.11	3,173.67	3,078.99	9.47	11.31	-117.59	-588.85	-766.78	1,152.53	1,134.05	18.48	62.366	
3,500.00	3,451.44	3,268.23	3,169.80	9.76	11.70	-117.69	-603.49	-788.73	1,185.01	1,166.00	19.02	62.309	

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 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	-134.56	-178.50	-181.26	254.40							
100.00	100.00	102.00	102.00	3.28	3.28	-134.56	-178.50	-181.26	254.40	246.87	7.53	33.796				
200.00	200.00	202.00	202.00	3.30	3.30	-134.56	-178.50	-181.26	254.40	246.83	7.57	33.610				
200.00	200.00	202.00	202.00	3.30	3.30	-134.56	-178.50	-181.26	254.40	246.83	7.57	33.610	CC, ES			
300.00	300.00	297.91	297.91	3.35	3.34	-99.36	-178.69	-181.62	254.89	247.24	7.65	33.314				
400.00	399.93	389.91	389.85	3.41	3.39	-99.81	-180.12	-184.27	258.61	250.85	7.76	33.312	SF			
500.00	499.68	481.51	481.25	3.50	3.47	-100.65	-182.93	-189.50	266.05	258.14	7.91	33.618				
600.00	599.13	572.45	571.77	3.62	3.56	-101.82	-187.10	-197.22	277.28	269.18	8.10	34.212				
700.00	698.15	662.49	661.06	3.76	3.68	-103.21	-192.56	-207.37	292.40	284.06	8.34	35.054				
800.00	796.65	751.40	748.85	3.93	3.83	-104.80	-199.25	-219.80	311.48	302.85	8.63	36.104				
900.00	894.97	839.34	835.19	4.14	4.01	-106.41	-207.14	-234.45	333.89	324.94	8.95	37.292				
1,000.00	993.30	926.29	920.03	4.37	4.22	-107.62	-216.17	-251.22	359.22	349.90	9.32	38.556				
1,100.00	1,091.62	1,012.11	1,003.15	4.62	4.47	-108.49	-226.28	-269.99	387.28	377.56	9.71	39.874				
1,200.00	1,189.95	1,103.65	1,091.25	4.89	4.79	-109.15	-238.06	-291.87	417.42	407.24	10.18	41.004				
1,300.00	1,288.28	1,201.16	1,182.83	5.18	5.15	-109.74	-250.38	-314.76	447.77	437.06	10.71	41.810				
1,400.00	1,386.60	1,294.03	1,274.40	5.48	5.53	-110.25	-262.71	-337.65	478.16	466.90	11.26	42.477				
1,500.00	1,484.93	1,389.22	1,365.97	5.78	5.93	-110.70	-275.03	-360.54	508.57	496.74	11.84	42.971				
1,600.00	1,583.25	1,484.41	1,457.54	6.10	6.35	-111.10	-287.36	-383.43	539.02	526.58	12.43	43.349				
1,700.00	1,681.58	1,579.60	1,549.11	6.43	6.78	-111.46	-299.68	-406.32	569.48	556.43	13.05	43.624				
1,800.00	1,779.90	1,674.79	1,640.68	6.61	7.22	-111.78	-312.01	-429.21	599.96	586.62	13.35	44.953				
1,900.00	1,878.23	1,769.98	1,732.25	6.66	7.53	-112.08	-324.33	-452.11	630.46	616.85	13.61	46.318				
2,000.00	1,976.55	1,865.16	1,823.82	6.72	7.66	-112.34	-336.66	-475.00	660.97	647.38	13.59	48.631				
2,100.00	2,074.88	1,960.35	1,915.39	6.82	7.76	-112.58	-348.98	-497.89	691.50	677.76	13.74	50.345				
2,200.00	2,173.20	2,055.54	2,006.96	6.93	7.89	-112.80	-361.31	-520.78	722.03	708.11	13.92	51.869				
2,300.00	2,271.53	2,150.73	2,098.53	7.06	8.05	-113.00	-373.63	-543.67	752.57	738.43	14.15	53.203				
2,400.00	2,369.86	2,245.92	2,190.10	7.21	8.24	-113.19	-385.96	-566.56	783.12	768.71	14.41	54.351				
2,500.00	2,468.18	2,341.11	2,281.67	7.37	8.46	-113.36	-398.28	-589.45	813.68	798.97	14.71	55.322				
2,600.00	2,566.51	2,436.30	2,373.24	7.56	8.70	-113.52	-410.61	-612.34	844.24	829.20	15.04	56.127				
2,700.00	2,664.83	2,531.49	2,464.81	7.75	8.97	-113.67	-422.93	-635.23	874.81	859.40	15.41	56.779				
2,800.00	2,763.16	2,626.68	2,556.38	7.97	9.25	-113.81	-435.26	-658.12	905.38	889.58	15.80	57.294				
2,900.00	2,861.48	2,721.87	2,647.95	8.19	9.56	-113.94	-447.58	-681.01	935.96	919.74	16.23	57.686				
3,000.00	2,959.81	2,817.06	2,739.52	8.43	9.88	-114.06	-459.91	-703.91	966.54	949.87	16.67	57.970				
3,100.00	3,058.13	2,912.25	2,831.09	8.68	10.22	-114.17	-472.24	-726.80	997.13	979.98	17.14	58.159				
3,200.00	3,156.46	3,007.44	2,922.66	8.93	10.57	-114.28	-484.56	-749.69	1,027.72	1,010.08	17.64	58.271				
3,300.00	3,254.79	3,102.63	3,014.23	9.20	10.94	-114.38	-496.89	-772.58	1,058.31	1,040.16	18.15	58.308				
3,400.00	3,353.11	3,202.18	3,105.80	9.47	11.33	-114.48	-509.21	-795.47	1,088.91	1,070.21	18.69	58.249				
3,500.00	3,451.44	3,306.99	3,197.37	9.76	11.76	-114.57	-521.54	-818.36	1,119.50	1,100.23	19.27	58.093				
3,600.00	3,549.76	3,388.20	3,288.94	10.05	12.10	-114.65	-533.86	-841.25	1,150.10	1,130.31	19.79	58.111				
3,700.00	3,648.09	3,483.39	3,380.51	10.34	12.50	-114.74	-546.19	-864.14	1,180.71	1,160.34	20.37	57.968				

Offset Design5N-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	-113.56	-78.68	-180.43	196.84				
100.00	100.00	103.00	103.00	3.28	3.28	-113.56	-78.68	-180.43	196.84	189.31	7.53	26.149	
200.00	200.00	203.00	203.00	3.30	3.30	-113.56	-78.68	-180.43	196.84	189.27	7.57	26.004	
253.58	253.58	256.21	256.21	3.32	3.32	-78.38	-78.68	-180.43	196.79	189.18	7.61	25.859	CC, ES
300.00	300.00	300.01	300.01	3.35	3.34	-78.36	-78.64	-180.86	197.15	189.50	7.65	25.761	
400.00	399.93	394.31	394.25	3.41	3.40	-78.79	-78.30	-184.04	199.40	191.63	7.77	25.666	
500.00	499.68	488.45	488.17	3.50	3.48	-79.63	-77.65	-190.29	203.86	195.93	7.92	25.728	
600.00	599.13	582.32	581.58	3.62	3.58	-80.82	-76.67	-199.58	210.58	202.46	8.12	25.935	
700.00	698.15	675.83	674.26	3.76	3.71	-82.29	-75.38	-211.84	219.65	211.29	8.36	26.264	
800.00	796.65	768.89	766.05	3.93	3.87	-83.97	-73.78	-227.03	231.17	222.51	8.66	26.689	
900.00	894.97	861.51	856.88	4.14	4.07	-85.44	-71.89	-245.09	245.40	236.39	9.02	27.218	
1,000.00	993.30	955.28	948.20	4.37	4.31	-86.35	-69.67	-266.22	262.18	252.76	9.43	27.815	
1,100.00	1,091.62	1,053.67	1,043.83	4.62	4.60	-87.09	-67.25	-289.23	279.70	269.79	9.91	28.222	
1,200.00	1,189.95	1,152.06	1,139.47	4.89	4.91	-87.74	-64.83	-312.24	297.26	286.83	10.43	28.487	
1,300.00	1,288.28	1,250.46	1,235.10	5.18	5.25	-88.31	-62.41	-335.25	314.85	303.86	10.99	28.638	
1,400.00	1,386.60	1,348.85	1,330.74	5.48	5.61	-88.83	-59.99	-358.26	332.47	320.89	11.58	28.700	
1,500.00	1,484.93	1,447.25	1,426.38	5.78	5.99	-89.29	-57.57	-381.27	350.12	337.92	12.19	28.715	
1,600.00	1,583.25	1,545.64	1,522.01	6.10	6.37	-89.71	-55.15	-404.28	367.78	354.95	12.83	28.673	
1,700.00	1,681.58	1,644.03	1,617.65	6.43	6.77	-90.09	-52.74	-427.29	385.46	371.98	13.48	28.599	
1,800.00	1,779.90	1,742.43	1,713.28	6.61	7.10	-90.43	-50.32	-450.30	403.15	389.43	13.72	29.382	
1,900.00	1,878.23	1,840.82	1,808.92	6.66	7.26	-90.75	-47.90	-473.31	420.86	407.13	13.73	30.658	
2,000.00	1,976.55	1,939.22	1,904.55	6.72	7.33	-91.04	-45.48	-496.32	438.58	424.73	13.86	31.653	
2,100.00	2,074.88	2,037.61	2,000.19	6.82	7.44	-91.31	-43.06	-519.33	456.31	442.28	14.03	32.527	
2,200.00	2,173.20	2,136.00	2,095.82	6.93	7.57	-91.56	-40.64	-542.34	474.05	459.81	14.24	33.281	
2,300.00	2,271.53	2,234.40	2,191.46	7.06	7.73	-91.79	-38.22	-565.35	491.80	477.30	14.50	33.916	
2,400.00	2,369.86	2,332.79	2,287.09	7.21	7.92	-92.01	-35.81	-588.36	509.55	494.76	14.80	34.440	
2,500.00	2,468.18	2,431.18	2,382.73	7.37	8.12	-92.21	-33.39	-611.37	527.31	512.19	15.13	34.859	
2,600.00	2,566.51	2,529.58	2,478.36	7.56	8.35	-92.40	-30.97	-634.38	545.08	529.59	15.49	35.183	
2,700.00	2,664.83	2,627.97	2,574.00	7.75	8.60	-92.57	-28.55	-657.39	562.85	546.96	15.89	35.421	
2,800.00	2,763.16	2,726.37	2,669.63	7.97	8.87	-92.74	-26.13	-680.40	580.63	564.31	16.32	35.583	
2,900.00	2,861.48	2,824.76	2,765.27	8.19	9.15	-92.89	-23.71	-703.41	598.41	581.64	16.77	35.679	
3,000.00	2,959.81	2,923.15	2,860.90	8.43	9.45	-93.04	-21.29	-726.42	616.19	598.94	17.25	35.718	
3,100.00	3,058.13	3,021.55	2,956.54	8.68	9.76	-93.18	-18.87	-749.43	633.98	616.23	17.75	35.709	
3,200.00	3,156.46	3,119.94	3,052.17	8.93	10.08	-93.31	-16.46	-772.44	651.77	633.50	18.28	35.659	
3,300.00	3,254.79	3,218.34	3,147.81	9.20	10.41	-93.43	-14.04	-795.45	669.57	650.75	18.82	35.576	
3,400.00	3,353.11	3,316.73	3,243.44	9.47	10.76	-93.55	-11.62	-818.46	687.37	667.99	19.38	35.465	
3,500.00	3,451.44	3,415.12	3,339.08	9.76	11.11	-93.66	-9.20	-841.47	705.17	685.21	19.96	35.332	
3,600.00	3,549.76	3,513.52	3,434.71	10.05	11.47	-93.77	-6.78	-864.48	722.97	702.42	20.55	35.181	
3,700.00	3,648.09	3,611.91	3,530.35	10.34	11.84	-93.87	-4.36	-887.49	740.78	719.62	21.16	35.016	
3,800.00	3,746.41	3,710.31	3,625.98	10.65	12.22	-93.96	-1.94	-910.50	758.58	736.81	21.77	34.841	
3,900.00	3,844.74	3,808.70	3,721.62	10.95	12.60	-94.05	0.47	-933.51	776.39	753.99	22.40	34.658	
4,000.00	3,943.06	3,907.09	3,817.25	11.27	12.99	-94.14	2.89	-956.52	794.20	771.16	23.04	34.469	
4,100.00	4,041.39	4,005.49	3,912.89	11.58	13.38	-94.22	5.31	-979.53	812.02	788.33	23.69	34.277	
4,200.00	4,139.71	4,103.88	4,008.52	11.90	13.78	-94.30	7.73	-1,002.54	829.83	805.48	24.35	34.082	
4,300.00	4,238.04	4,202.28	4,104.16	12.23	14.18	-94.38	10.15	-1,025.55	847.65	822.63	25.01	33.887	
4,400.00	4,336.37	4,300.67	4,199.79	12.56	14.59	-94.45	12.57	-1,048.56	865.46	839.78	25.69	33.693	
4,500.00	4,434.69	4,400.94	4,295.43	12.89	15.00	-94.53	14.99	-1,071.57	883.28	856.91	26.37	33.491	
4,600.00	4,533.02	4,502.54	4,391.06	13.22	15.43	-94.59	17.40	-1,094.58	901.10	874.03	27.07	33.286	
4,700.00	4,631.34	4,595.85	4,486.70	13.56	15.83	-94.66	19.82	-1,117.59	918.92	891.18	27.75	33.119	
4,800.00	4,729.67	4,705.75	4,582.33	13.90	16.29	-94.72	22.24	-1,140.60	936.75	908.26	28.49	32.884	
4,900.00	4,827.99	4,807.36	4,677.97	14.24	16.73	-94.78	24.66	-1,163.61	954.57	925.37	29.20	32.689	
5,000.00	4,926.32	4,908.97	4,773.60	14.59	17.17	-94.84	27.08	-1,186.62	972.40	942.47	29.92	32.499	
5,100.00	5,024.64	4,989.43	4,869.24	14.94	17.52	-94.90	29.50	-1,209.63	990.22	959.65	30.57	32.395	
5,200.00	5,122.97	5,087.82	4,964.87	15.29	17.95	-94.95	31.92	-1,232.64	1,008.05	976.76	31.28	32.223	
5,300.00	5,221.29	5,186.22	5,060.51	15.64	18.38	-95.00	34.33	-1,255.65	1,025.87	993.87	32.00	32.055	
5,400.00	5,319.62	5,284.61	5,156.14	15.99	18.81	-95.05	36.75	-1,278.66	1,043.70	1,010.97	32.73	31.891	
5,500.00	5,417.95	5,383.00	5,251.78	16.34	19.24	-95.10	39.17	-1,301.67	1,061.53	1,028.08	33.45	31.731	
5,600.00	5,516.27	5,481.40	5,347.41	16.70	19.68	-95.15	41.59	-1,324.67	1,079.36	1,045.18	34.18	31.575	
5,700.00	5,614.60	5,579.79	5,443.05	17.06	20.12	-95.19	44.01	-1,347.68	1,097.19	1,062.27	34.92	31.423	
5,800.00	5,712.92	5,678.19	5,538.68	17.41	20.56	-95.24	46.43	-1,370.69	1,115.02	1,079.37	35.65	31.274	
5,900.00	5,811.25	5,776.58	5,634.32	17.77	21.00	-95.28	48.85	-1,393.70	1,132.85	1,096.46	36.39	31.130	
6,000.00	5,909.57	5,874.97	5,729.95	18.14	21.44	-95.32	51.26	-1,416.71	1,150.68	1,113.55	37.13	30.989	
6,100.00	6,007.90	5,973.37	5,825.59	18.50	21.88	-95.36	53.68	-1,439.72	1,168.52	1,130.64	37.88	30.852	
6,200.00	6,106.22	6,071.76	5,921.22	18.86	22.32	-95.40	56.10	-1,462.73	1,186.35	1,147.73	38.62	30.718	
6,400.00	6,302.88	6,267.95	6,173.69	19.59	23.37	-95.44	61.14	-1,507.66	1,232.79	1,193.11	43.68	26.872	
6,500.00	6,401.20	6,366.42	6,273.52	19.95	23.99	-95.48	63.15	-1,528.19	1,253.63	1,214.06	45.47	24.490	

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						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	6,499.49	8,004.45	7,173.34	20.32	36.19	-141.52	86.16	-655.06	1,059.47	1,011.99	47.47	22.318	
6,700.00	6,595.97	7,976.06	7,172.94	20.73	35.62	-124.66	86.18	-674.54	1,012.84	963.80	49.04	20.653	
6,800.00	6,687.96	7,941.49	7,172.24	21.24	34.94	-117.84	86.21	-709.11	975.25	924.79	50.45	19.330	
6,900.00	6,773.19	7,907.32	7,171.25	21.88	34.26	-113.52	86.26	-757.91	947.14	895.38	51.76	18.300	
7,000.00	6,849.58	7,830.83	7,170.00	22.67	32.85	-109.75	86.31	-819.74	927.97	875.72	52.24	17.762	
7,100.00	6,915.22	7,757.48	7,168.51	23.64	31.59	-106.14	86.38	-893.08	916.31	863.55	52.76	17.368	
7,200.00	6,968.52	7,671.20	7,166.65	24.83	30.20	-102.69	86.46	-979.34	910.18	857.02	53.17	17.120	
7,300.00	7,008.15	7,559.42	7,152.54	26.26	28.61	-98.79	86.27	-1,090.08	906.19	852.59	53.59	16.908	
7,400.00	7,033.14	7,458.92	7,123.51	27.92	27.42	-95.38	85.69	-1,186.19	903.14	848.73	54.41	16.599	
7,500.00	7,042.87	7,366.94	7,084.00	29.76	26.55	-92.41	84.82	-1,269.15	901.15	845.69	55.46	16.247	
7,551.96	7,043.60	7,322.78	7,060.88	30.78	26.21	-90.91	84.30	-1,306.76	900.75	844.66	56.09	16.059	
7,600.00	7,042.76	7,284.48	7,038.75	31.74	25.95	-89.55	83.79	-1,338.01	901.00	844.34	56.66	15.903	
7,700.00	7,042.47	7,215.31	6,994.19	33.87	25.58	-86.73	82.76	-1,390.85	905.17	847.32	57.85	15.646	
7,800.00	7,042.19	7,157.80	6,952.95	36.12	25.35	-84.14	81.79	-1,430.90	915.21	856.31	58.90	15.539 SF	
7,900.00	7,041.90	7,109.95	6,916.00	38.48	25.21	-81.84	80.91	-1,461.28	932.13	872.43	59.71	15.612	
8,000.00	7,041.62	7,069.95	6,883.43	40.91	25.12	-79.84	80.13	-1,484.48	956.45	896.21	60.23	15.879	
8,100.00	7,041.33	7,036.25	6,854.92	43.42	25.05	-78.11	79.45	-1,502.40	988.23	927.75	60.48	16.339	
8,200.00	7,041.05	7,000.00	6,823.22	45.98	25.00	-76.21	78.68	-1,519.98	1,027.29	966.82	60.47	16.988	
8,300.00	7,040.76	6,983.13	6,808.14	48.59	24.98	-75.32	78.32	-1,527.53	1,073.01	1,012.72	60.28	17.800	
8,400.00	7,040.48	6,961.95	6,788.94	51.24	24.96	-74.20	77.85	-1,536.44	1,124.92	1,064.99	59.93	18.770	
8,500.00	7,040.19	6,950.00	6,777.97	53.92	24.94	-73.56	77.58	-1,541.19	1,182.38	1,122.89	59.49	19.875	

Offset Design5N-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)	Offset Wellbore Centre +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	
251.95	251.95	254.95	254.95	3.32	3.32	-88.00	-118.40	-180.98	216.26	208.65	7.61	28.421	CC, ES
300.00	300.00	299.68	299.67	3.35	3.34	-87.99	-118.44	-181.41	216.66	209.01	7.65	28.312	
400.00	399.93	393.32	393.26	3.41	3.40	-88.40	-118.74	-184.55	219.53	211.76	7.77	28.262	SF
500.00	499.68	486.73	486.46	3.50	3.48	-89.20	-119.33	-190.72	225.21	217.29	7.92	28.430	
600.00	599.13	579.75	579.02	3.62	3.58	-90.33	-120.21	-199.85	233.77	225.66	8.12	28.800	
700.00	698.15	672.24	670.71	3.76	3.70	-91.69	-121.37	-211.90	245.29	236.93	8.36	29.340	
800.00	796.65	764.05	761.30	3.93	3.86	-93.26	-122.80	-226.77	259.85	251.19	8.66	30.012	
900.00	894.97	855.26	850.77	4.14	4.05	-94.69	-124.50	-244.39	277.29	268.28	9.01	30.786	
1,000.00	993.30	945.78	938.96	4.37	4.28	-95.61	-126.45	-264.68	297.39	287.99	9.40	31.639	
1,100.00	1,091.62	1,041.34	1,031.55	4.62	4.57	-96.21	-128.72	-288.21	319.34	309.47	9.87	32.362	
1,200.00	1,189.95	1,138.83	1,125.98	4.89	4.90	-96.75	-131.04	-312.31	341.40	331.01	10.39	32.866	
1,300.00	1,288.28	1,236.32	1,220.42	5.18	5.25	-97.21	-133.36	-336.41	363.48	352.54	10.94	33.218	
1,400.00	1,386.60	1,333.81	1,314.86	5.48	5.62	-97.63	-135.68	-360.51	385.59	374.06	11.53	33.445	
1,500.00	1,484.93	1,431.30	1,409.29	5.78	6.01	-97.99	-138.00	-384.61	407.71	395.57	12.13	33.600	
1,600.00	1,583.25	1,528.79	1,503.73	6.10	6.41	-98.33	-140.32	-408.71	429.84	417.08	12.77	33.673	
1,700.00	1,681.58	1,626.28	1,598.17	6.43	6.82	-98.62	-142.64	-432.81	451.99	438.58	13.41	33.696	
1,800.00	1,779.90	1,723.77	1,692.60	6.61	7.20	-98.89	-144.96	-456.91	474.15	460.46	13.69	34.644	
1,900.00	1,878.23	1,821.26	1,787.04	6.66	7.40	-99.14	-147.28	-481.01	496.32	482.60	13.72	36.177	
2,000.00	1,976.55	1,918.76	1,881.47	6.72	7.48	-99.37	-149.60	-505.11	518.49	504.65	13.84	37.462	
2,100.00	2,074.88	2,016.25	1,975.91	6.82	7.58	-99.57	-151.92	-529.21	540.68	526.67	14.01	38.602	
2,200.00	2,173.20	2,113.74	2,070.35	6.93	7.72	-99.76	-154.24	-553.31	562.87	548.65	14.22	39.595	
2,300.00	2,271.53	2,211.23	2,164.78	7.06	7.88	-99.94	-156.57	-577.42	585.06	570.59	14.47	40.445	
2,400.00	2,369.86	2,308.72	2,259.22	7.21	8.07	-100.10	-158.89	-601.52	607.26	592.50	14.75	41.157	
2,500.00	2,468.18	2,406.21	2,353.66	7.37	8.29	-100.25	-161.21	-625.62	629.46	614.38	15.08	41.739	
2,600.00	2,566.51	2,503.70	2,448.09	7.56	8.53	-100.40	-163.53	-649.72	651.67	636.23	15.44	42.202	
2,700.00	2,664.83	2,601.19	2,542.53	7.75	8.78	-100.53	-165.85	-673.82	673.88	658.05	15.83	42.558	
2,800.00	2,763.16	2,701.32	2,636.97	7.97	9.07	-100.65	-168.17	-697.92	696.10	679.83	16.26	42.801	
2,900.00	2,861.48	2,803.83	2,731.40	8.19	9.38	-100.77	-170.49	-722.02	718.31	701.59	16.73	42.945	
3,000.00	2,959.81	2,906.34	2,825.84	8.43	9.71	-100.88	-172.81	-746.12	740.53	723.32	17.22	43.014	
3,100.00	3,058.13	2,991.15	2,920.28	8.68	9.99	-100.98	-175.13	-770.22	762.75	745.07	17.68	43.136	
3,200.00	3,156.46	3,088.64	3,014.71	8.93	10.33	-101.08	-177.45	-794.32	784.98	766.78	18.20	43.124	
3,300.00	3,254.79	3,186.14	3,109.15	9.20	10.68	-101.17	-179.77	-818.42	807.21	788.46	18.74	43.068	
3,400.00	3,353.11	3,283.63	3,203.58	9.47	11.04	-101.25	-182.09	-842.52	829.43	810.13	19.30	42.975	
3,500.00	3,451.44	3,381.12	3,298.02	9.76	11.41	-101.34	-184.41	-866.62	851.66	831.79	19.87	42.853	
3,600.00	3,549.76	3,478.61	3,392.46	10.05	11.78	-101.41	-186.73	-890.72	873.89	853.43	20.46	42.707	
3,700.00	3,648.09	3,576.10	3,486.89	10.34	12.17	-101.49	-189.05	-914.82	896.13	875.06	21.07	42.541	
3,800.00	3,746.41	3,673.59	3,581.33	10.65	12.56	-101.56	-191.37	-938.92	918.36	896.68	21.68	42.360	
3,900.00	3,844.74	3,771.08	3,675.77	10.95	12.96	-101.63	-193.69	-963.02	940.60	918.29	22.31	42.168	
4,000.00	3,943.06	3,868.57	3,770.20	11.27	13.37	-101.69	-196.01	-987.12	962.83	939.89	22.94	41.966	
4,100.00	4,041.39	3,966.06	3,864.64	11.58	13.78	-101.75	-198.33	-1,011.23	985.07	961.48	23.59	41.759	
4,200.00	4,139.71	4,063.55	3,959.08	11.90	14.19	-101.81	-200.65	-1,035.33	1,007.31	983.07	24.24	41.548	
4,300.00	4,238.04	4,161.04	4,053.51	12.23	14.62	-101.87	-202.97	-1,059.43	1,029.55	1,004.64	24.91	41.334	
4,400.00	4,336.37	4,258.53	4,147.95	12.56	15.04	-101.92	-205.29	-1,083.53	1,051.79	1,026.21	25.58	41.119	
4,500.00	4,434.69	4,356.02	4,242.38	12.89	15.47	-101.97	-207.61	-1,107.63	1,074.03	1,047.78	26.26	40.905	
4,600.00	4,533.02	4,453.52	4,336.82	13.22	15.90	-102.02	-209.94	-1,131.73	1,096.28	1,069.33	26.94	40.691	
4,700.00	4,631.34	4,551.01	4,431.26	13.56	16.33	-102.07	-212.26	-1,155.83	1,118.52	1,090.89	27.63	40.480	
4,800.00	4,729.67	4,648.50	4,525.69	13.90	16.77	-102.11	-214.58	-1,179.93	1,140.76	1,112.43	28.33	40.271	
4,900.00	4,827.99	4,745.99	4,620.13	14.24	17.21	-102.16	-216.90	-1,204.03	1,163.01	1,133.98	29.03	40.065	
5,000.00	4,926.32	4,843.48	4,714.57	14.59	17.65	-102.20	-219.22	-1,228.13	1,185.25	1,155.52	29.73	39.862	

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	-118.56	-98.36	-180.71	205.74						
100.00	100.00	103.00	103.00	3.28	3.28	-118.56	-98.36	-180.71	205.74	198.21	7.53	27.332			
200.00	200.00	203.00	203.00	3.30	3.30	-118.56	-98.36	-180.71	205.74	198.17	7.57	27.180			
251.82	251.82	254.82	254.82	3.32	3.32	-83.37	-98.36	-180.71	205.71	198.10	7.61	27.035	CC, ES		
300.00	300.00	299.82	299.81	3.35	3.34	-83.36	-98.37	-181.14	206.10	198.45	7.65	26.932			
400.00	399.93	393.74	393.68	3.41	3.40	-83.80	-98.44	-184.31	208.71	200.94	7.77	26.867			
500.00	499.68	487.45	487.18	3.50	3.48	-84.67	-98.58	-190.54	213.87	205.95	7.92	26.998			
600.00	599.13	580.82	580.09	3.62	3.58	-85.88	-98.79	-199.78	221.67	213.55	8.12	27.309			
700.00	698.15	673.72	672.18	3.76	3.71	-87.36	-99.07	-211.98	232.18	223.82	8.36	27.774			
800.00	796.65	766.03	763.24	3.93	3.86	-89.05	-99.41	-227.04	245.52	236.86	8.66	28.360			
900.00	894.97	857.80	853.25	4.14	4.06	-90.57	-99.82	-244.92	261.70	252.70	9.01	29.053			
1,000.00	993.30	951.15	941.94	4.37	4.30	-91.55	-100.28	-265.50	280.58	271.17	9.41	29.828			
1,100.00	1,091.62	1,046.72	1,036.90	4.62	4.58	-92.28	-100.82	-289.17	300.80	290.92	9.88	30.435			
1,200.00	1,189.95	1,144.58	1,131.86	4.89	4.90	-92.92	-101.36	-312.84	321.06	310.65	10.40	30.857			
1,300.00	1,288.28	1,242.45	1,226.82	5.18	5.25	-93.49	-101.89	-336.51	341.35	330.39	10.96	31.143			
1,400.00	1,386.60	1,340.32	1,321.78	5.48	5.62	-93.99	-102.43	-360.18	361.67	350.13	11.55	31.319			
1,500.00	1,484.93	1,438.19	1,416.74	5.78	6.00	-94.44	-102.97	-383.85	382.02	369.87	12.15	31.432			
1,600.00	1,583.25	1,536.05	1,511.70	6.10	6.39	-94.84	-103.51	-407.52	402.39	389.60	12.79	31.472			
1,700.00	1,681.58	1,633.92	1,606.66	6.43	6.80	-95.21	-104.04	-431.19	422.77	409.33	13.43	31.469			
1,800.00	1,779.90	1,731.79	1,701.62	6.61	7.15	-95.54	-104.58	-454.86	443.17	429.47	13.69	32.363			
1,900.00	1,878.23	1,829.65	1,796.58	6.66	7.33	-95.84	-105.12	-478.53	463.58	449.86	13.71	33.801			
2,000.00	1,976.55	1,927.52	1,891.54	6.72	7.41	-96.12	-105.65	-502.20	484.00	470.16	13.84	34.973			
2,100.00	2,074.88	2,025.39	1,986.50	6.82	7.52	-96.37	-106.19	-525.87	504.43	490.42	14.01	36.010			
2,200.00	2,173.20	2,123.25	2,081.46	6.93	7.65	-96.60	-106.73	-549.54	524.87	510.65	14.22	36.911			
2,300.00	2,271.53	2,221.12	2,176.42	7.06	7.81	-96.82	-107.26	-573.21	545.32	530.85	14.47	37.680			
2,400.00	2,369.86	2,318.99	2,271.38	7.21	8.00	-97.02	-107.80	-596.88	565.78	551.01	14.76	38.322			
2,500.00	2,468.18	2,416.86	2,366.34	7.37	8.21	-97.21	-108.34	-620.55	586.24	571.15	15.09	38.845			
2,600.00	2,566.51	2,514.72	2,461.30	7.56	8.44	-97.38	-108.88	-644.22	606.71	591.25	15.45	39.258			
2,700.00	2,664.83	2,612.59	2,556.26	7.75	8.70	-97.54	-109.41	-667.89	627.18	611.33	15.85	39.573			
2,800.00	2,763.16	2,710.46	2,651.22	7.97	8.97	-97.70	-109.95	-691.56	647.65	631.38	16.27	39.800			
2,900.00	2,861.48	2,808.32	2,746.18	8.19	9.26	-97.84	-110.49	-715.23	668.14	651.41	16.72	39.950			
3,000.00	2,959.81	2,906.19	2,841.14	8.43	9.56	-97.97	-111.02	-738.90	688.62	671.42	17.20	40.034			
3,100.00	3,058.13	3,004.06	2,936.10	8.68	9.88	-98.10	-111.56	-762.57	709.11	691.41	17.70	40.061			
3,200.00	3,156.46	3,101.92	3,031.06	8.93	10.21	-98.22	-112.10	-786.24	729.60	711.38	18.22	40.040			
3,300.00	3,254.79	3,200.21	3,126.02	9.20	10.55	-98.33	-112.63	-809.91	750.09	731.33	18.76	39.976			
3,400.00	3,353.11	3,302.34	3,220.98	9.47	10.92	-98.44	-113.17	-833.58	770.59	751.26	19.33	39.856			
3,500.00	3,451.44	3,404.48	3,315.94	9.76	11.30	-98.54	-113.71	-857.25	791.09	771.17	19.92	39.708			
3,600.00	3,549.76	3,493.39	3,410.90	10.05	11.63	-98.64	-114.24	-880.92	811.59	791.11	20.48	39.619			
3,700.00	3,648.09	3,591.26	3,505.86	10.34	12.01	-98.73	-114.78	-904.59	832.10	811.01	21.09	39.458			
3,800.00	3,746.41	3,689.13	3,600.82	10.65	12.40	-98.82	-115.32	-928.26	852.60	830.90	21.70	39.284			
3,900.00	3,844.74	3,786.99	3,695.78	10.95	12.79	-98.90	-115.86	-951.93	873.11	850.78	22.33	39.100			
4,000.00	3,943.06	3,884.86	3,790.74	11.27	13.19	-98.98	-116.39	-975.60	893.62	870.65	22.97	38.908			
4,100.00	4,041.39	3,982.73	3,885.70	11.58	13.59	-99.06	-116.93	-999.27	914.13	890.51	23.61	38.710			
4,200.00	4,139.71	4,080.59	3,980.66	11.90	13.99	-99.13	-117.47	-1,022.95	934.64	910.37	24.27	38.510			
4,300.00	4,238.04	4,178.46	4,075.62	12.23	14.41	-99.20	-118.00	-1,046.62	955.15	930.22	24.93	38.307			
4,400.00	4,336.37	4,276.33	4,170.58	12.56	14.82	-99.27	-118.54	-1,070.29	975.67	950.06	25.61	38.104			
4,500.00	4,434.69	4,374.19	4,265.54	12.89	15.24	-99.33	-119.08	-1,093.96	996.19	969.90	26.28	37.901			
4,600.00	4,533.02	4,472.06	4,360.50	13.22	15.66	-99.39	-119.61	-1,117.63	1,016.70	989.73	26.97	37.699			
4,700.00	4,631.34	4,569.93	4,455.46	13.56	16.09	-99.45	-120.15	-1,141.30	1,037.22	1,009.56	27.66	37.500			
4,800.00	4,729.67	4,667.79	4,550.42	13.90	16.52	-99.51	-120.69	-1,164.97	1,057.74	1,029.38	28.36	37.303			
4,900.00	4,827.99	4,765.66	4,645.38	14.24	16.95	-99.56	-121.23	-1,188.64	1,078.26	1,049.20	29.06	37.109			
5,000.00	4,926.32	4,863.53	4,740.34	14.59	17.38	-99.61	-121.76	-1,212.31	1,098.78	1,069.02	29.76	36.918			
5,100.00	5,024.64	4,961.40	4,835.30	14.94	17.82	-99.66	-122.30	-1,235.98	1,119.30	1,088.83	30.47	36.731			
5,200.00	5,122.97	5,059.26	4,930.26	15.29	18.26	-99.71	-122.84	-1,259.65	1,139.83	1,108.64	31.19	36.547			
5,300.00	5,221.29	5,157.13	5,025.22	15.64	18.70	-99.76	-123.37	-1,283.32	1,160.35	1,128.44	31.91	36.368			
5,400.00	5,319.62	5,255.00	5,120.17	15.99	19.14	-99.80	-123.91	-1,306.99	1,180.87	1,148.25	32.63	36.192			
6,500.00	6,401.20	7,819.79	6,982.98	19.95	36.17	-146.78	-135.82	-643.64	1,178.94	1,128.77	50.17	23.499			
6,600.00	6,499.49	7,811.03	6,982.79	20.32	35.99	-139.43	-135.81	-652.40	1,147.30	1,095.69	51.61	22.230			
6,700.00	6,595.97	7,791.66	6,982.38	20.73	35.59	-120.21	-135.78	-671.77	1,123.84	1,071.13	52.71	21.319			
6,800.00	6,687.96	7,757.19	6,981.64	21.24	34.91	-111.44	-135.74	-706.23	1,108.90	1,055.50	53.40	20.765			
6,900.00	6,773.19	7,708.47	6,980.59	21.88	33.94	-105.55	-135.67	-754.93	1,101.84	1,048.17	53.67	20.530			
6,960.64	6,820.69	7,672.49	6,979.82	22.36	33.27	-102.47	-135.62	-790.91	1,100.79	1,047.07	53.73	20.489			
7,000.00	6,849.58	7,646.72	6,979.26	22.67	32.80	-100.57	-135.59	-816.67	1,101.18	1,047.50	53.68	20.514			
7,100.00	6,915.22	7,573.44	6,977.69	23.64	31.51	-96.08	-135.49	-889.93	1,104.92	1,051.36	53.56	20.630			
7,200.00	6,968.52	7,490.37	6,975.89	24.83	30.15	-92.16	-135.38	-972.98	1,110.83	1,057.33	53.50	20.764			
7,300.00	7,008.15	7,404.74	6,967.71	26.26	28.90	-88.83	-135.22	-1,058.16	1,117.02	1,063.33	53.70	20.803			

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							
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
7,400.00	7,033.14	7,323.77	6,949.53	27.92	27.84	-86.05	-135.02	-1,137.01	1,122.78	1,068.58	54.20	20.715	
7,500.00	7,042.87	7,246.46	6,922.97	29.76	26.96	-83.79	-134.77	-1,209.56	1,127.68	1,072.73	54.95	20.520	
7,600.00	7,042.76	7,174.12	6,890.32	31.74	26.30	-82.08	-134.50	-1,274.07	1,132.95	1,077.03	55.92	20.261	
7,700.00	7,042.47	7,110.07	6,855.47	33.87	25.82	-80.35	-134.23	-1,327.78	1,141.72	1,084.74	56.98	20.037	
7,800.00	7,042.19	7,050.00	6,818.04	36.12	25.46	-78.49	-133.95	-1,374.73	1,154.88	1,096.84	58.04	19.898	
7,900.00	7,041.90	7,000.00	6,783.62	38.48	25.23	-76.81	-133.70	-1,410.98	1,173.05	1,114.01	59.04	19.868 SF	
8,000.00	7,041.62	6,963.30	6,756.60	40.91	25.10	-75.50	-133.50	-1,435.81	1,196.60	1,136.66	59.95	19.962	

Offset Design5N-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)	Offset Wellbore Centre +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	-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		
257.62	257.62	260.06	260.06	3.32	3.33	-72.84	-58.65	-180.44	189.65	182.04	7.61	24.909	CC, ES	
300.00	300.00	300.19	300.18	3.35	3.34	-72.80	-58.54	-180.85	189.98	182.33	7.65	24.824		
400.00	399.93	394.84	394.77	3.41	3.40	-73.19	-57.75	-183.98	191.84	184.07	7.77	24.688		
500.00	499.68	489.37	489.10	3.50	3.48	-73.97	-56.20	-190.12	195.49	187.56	7.93	24.665		
600.00	599.13	583.73	582.97	3.62	3.59	-75.09	-53.89	-199.25	200.99	192.87	8.12	24.746		
700.00	698.15	677.82	676.23	3.76	3.72	-76.48	-50.83	-211.34	208.41	200.05	8.37	24.911		
800.00	796.65	771.60	768.72	3.93	3.88	-78.10	-47.03	-226.33	217.87	209.20	8.67	25.140		
900.00	894.97	865.06	860.35	4.14	4.08	-79.45	-42.52	-244.19	229.84	220.82	9.02	25.478		
1,000.00	993.30	958.07	950.89	4.37	4.31	-80.19	-37.29	-264.83	244.39	234.96	9.43	25.926		
1,100.00	1,091.62	1,056.32	1,046.09	4.62	4.61	-80.62	-31.34	-288.35	260.35	250.43	9.91	26.263		
1,200.00	1,189.95	1,155.02	1,141.73	4.89	4.94	-81.00	-25.36	-311.98	276.33	265.88	10.44	26.459		
1,300.00	1,288.28	1,253.72	1,237.38	5.18	5.29	-81.33	-19.38	-335.61	292.32	281.31	11.01	26.552		
1,400.00	1,386.60	1,352.42	1,333.02	5.48	5.66	-81.64	-13.40	-359.25	308.32	296.71	11.61	26.562		
1,500.00	1,484.93	1,451.12	1,428.66	5.78	6.05	-81.91	-7.42	-382.88	324.33	312.11	12.22	26.534		
1,600.00	1,583.25	1,549.82	1,524.30	6.10	6.45	-82.16	-1.44	-406.51	340.34	327.48	12.87	26.454		
1,700.00	1,681.58	1,648.52	1,619.94	6.43	6.86	-82.39	4.54	-430.15	356.36	342.84	13.53	26.348		
1,800.00	1,779.90	1,747.22	1,715.58	6.61	7.20	-82.59	10.52	-453.78	372.39	358.62	13.77	27.052		
1,900.00	1,878.23	1,845.92	1,811.22	6.66	7.35	-82.78	16.50	-477.42	388.42	374.65	13.77	28.213		
2,000.00	1,976.55	1,944.62	1,906.86	6.72	7.44	-82.95	22.48	-501.05	404.45	390.55	13.90	29.102		
2,100.00	2,074.88	2,043.31	2,002.50	6.82	7.55	-83.12	28.46	-524.68	420.49	406.41	14.07	29.878		
2,200.00	2,173.20	2,142.01	2,098.15	6.93	7.70	-83.26	34.44	-548.32	436.53	422.23	14.29	30.541		
2,300.00	2,271.53	2,240.71	2,193.79	7.06	7.87	-83.40	40.42	-571.95	452.57	438.01	14.55	31.095		
2,400.00	2,369.86	2,339.41	2,289.43	7.21	8.06	-83.53	46.40	-595.58	468.61	453.76	14.85	31.546		
2,500.00	2,468.18	2,438.11	2,385.07	7.37	8.28	-83.65	52.38	-619.22	484.66	469.47	15.19	31.900		
2,600.00	2,566.51	2,536.81	2,480.71	7.56	8.53	-83.77	58.36	-642.85	500.71	485.14	15.57	32.167		
2,700.00	2,664.83	2,635.51	2,576.35	7.75	8.79	-83.87	64.34	-666.48	516.76	500.79	15.97	32.356		
2,800.00	2,763.16	2,734.21	2,671.99	7.97	9.07	-83.97	70.32	-690.12	532.81	516.41	16.41	32.477		
2,900.00	2,861.48	2,832.91	2,767.63	8.19	9.37	-84.06	76.30	-713.75	548.87	532.00	16.87	32.538		
3,000.00	2,959.81	2,931.61	2,863.27	8.43	9.68	-84.15	82.29	-737.39	564.92	547.56	17.36	32.548		
3,100.00	3,058.13	3,030.31	2,958.91	8.68	10.01	-84.24	88.27	-761.02	580.98	563.11	17.87	32.516		
3,200.00	3,156.46	3,129.01	3,054.66	8.93	10.35	-84.31	94.25	-784.65	597.03	578.63	18.40	32.448		
3,300.00	3,254.79	3,227.70	3,150.20	9.20	10.70	-84.39	100.23	-808.29	613.09	594.14	18.95	32.351		
3,400.00	3,353.11	3,326.40	3,245.84	9.47	11.06	-84.46	106.21	-831.92	629.15	609.63	19.52	32.230		
3,500.00	3,451.44	3,425.10	3,341.48	9.76	11.43	-84.53	112.19	-855.55	645.21	625.10	20.11	32.090		
3,600.00	3,549.76	3,523.80	3,437.12	10.05	11.81	-84.59	118.17	-879.19	661.27	640.57	20.71	31.935		
3,700.00	3,648.09	3,622.50	3,532.76	10.34	12.20	-84.65	124.15	-902.82	677.33	656.01	21.32	31.768		
3,800.00	3,746.41	3,721.20	3,628.40	10.65	12.59	-84.71	130.13	-926.46	693.40	671.45	21.95	31.594		
3,900.00	3,844.74	3,819.90	3,724.04	10.95	12.99	-84.77	136.11	-950.09	709.46	686.87	22.58	31.413		
4,000.00	3,943.06	3,918.60	3,819.68	11.27	13.39	-84.82	142.09	-973.72	725.52	702.29	23.23	31.228		
4,100.00	4,041.39	4,017.30	3,915.32	11.58	13.80	-84.87	148.07	-997.36	741.59	717.70	23.89	31.041		
4,200.00	4,139.71	4,116.00	4,010.97	11.90	14.22	-84.92	154.05	-1,020.99	757.65	733.10	24.56	30.853		
4,300.00	4,238.04	4,214.70	4,106.61	12.23	14.64	-84.97	160.03	-1,044.62	773.72	748.49	25.23	30.665		
4,400.00	4,336.37	4,313.40	4,202.25	12.56	15.06	-85.01	166.01	-1,068.26	789.78	763.87	25.91	30.478		
4,500.00	4,434.69	4,412.09	4,297.89	12.89	15.49	-85.05	171.99	-1,091.89	805.85	779.25	26.60	30.293		
4,600.00	4,533.02	4,510.79	4,393.53	13.22	15.92	-85.10	177.97	-1,115.52	821.92	794.62	27.30	30.110		
4,700.00	4,631.34	4,609.49	4,489.17	13.56	16.36	-85.13	183.95	-1,139.16	837.98	809.99	28.00	29.930		
4,800.00	4,729.67	4,708.19	4,584.81	13.90	16.79	-85.17	189.93	-1,162.79	854.05	825.35	28.70	29.754		
4,900.00	4,827.99	4,806.89	4,680.45	14.24	17.23	-85.21	195.91	-1,186.43	870.12	840.70	29.42	29.580		
5,000.00	4,926.32	4,905.59	4,776.09	14.59	17.67	-85.25	201.89	-1,210.06	886.19	856.06	30.13	29.411		
5,100.00	5,024.64	5,004.29	4,871.74	14.94	18.12	-85.28	207.87	-1,233.69	902.26	871.40	30.85	29.245		
5,200.00	5,122.97	5,102.99	4,967.38	15.29	18.56	-85.31	213.85	-1,257.33	918.33	886.75	31.58	29.083		
5,300.00	5,221.29	5,201.69	5,063.02	15.64	19.01	-85.34	219.83	-1,280.96	934.39	902.09	32.30	28.925		
5,400.00	5,319.62	5,300.39	5,158.66	15.99	19.46	-85.38	225.82	-1,304.59	950.46	917.43	33.04	28.770		
5,500.00	5,417.95	5,400.91	5,254.30	16.34	19.92	-85.40	231.80	-1,328.23	966.53	932.76	33.78	28.614		
5,600.00	5,516.27	5,497.79	5,349.94	16.70	20.37	-85.43	237.78	-1,351.86	982.60	948.09	34.51	28.473		
5,700.00	5,614.60	5,596.48	5,445.58	17.06	20.82	-85.46	243.76	-1,375.49	998.67	963.42	35.25	28.331		
5,800.00	5,712.92	5,704.82	5,541.22	17.41	21.32	-85.49	249.74	-1,399.13	1,014.74	978.71	36.03	28.162		
5,900.00	5,811.25	5,806.12	5,636.86	17.77	21.79	-85.51	255.72	-1,422.76	1,030.81	994.03	36.79	28.020		
6,000.00	5,909.57	5,907.42	5,732.50	18.14	22.26	-85.54	261.70	-1,446.40	1,046.89	1,009.34	37.55	27.881		
6,100.00	6,007.90	6,008.72	5,828.15	18.50	22.74	-85.56	267.68	-1,470.03	1,062.96	1,024.65	38.31	27.747		
6,200.00	6,106.22	6,089.98	5,923.79	18.86	23.12	-85.59	273.66	-1,493.66	1,079.03	1,040.03	38.99	27.672		
6,300.00	6,204.55	7,909.27	7,057.90	19.22	36.66	-149.04	308.72	-643.57	1,014.78	975.00	39.78	25.507		
6,400.00	6,302.88	7,900.38	7,057.71	19.59	36.48	-148.29	308.99	-652.47	942.44	900.70	41.74	22.580		

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	6,401.20	7,908.52	7,057.53	19.95	36.65	-147.54	309.26	-661.36	875.47	831.31	44.16	19.825	
6,600.00	6,499.49	7,882.25	7,057.33	20.32	36.12	-140.60	309.54	-670.58	815.21	768.93	46.28	17.613	
6,700.00	6,595.97	7,862.41	7,056.92	20.73	35.72	-123.98	310.15	-690.40	763.64	715.07	48.58	15.721	
6,800.00	6,687.96	7,827.52	7,056.18	21.24	35.03	-116.81	311.22	-725.28	722.78	672.24	50.54	14.300	
6,900.00	6,773.19	7,778.42	7,055.15	21.88	34.09	-111.67	312.72	-774.34	693.40	641.37	52.03	13.327	
7,000.00	6,849.58	7,716.33	7,053.84	22.67	32.95	-106.75	314.61	-836.39	674.82	621.83	52.99	12.736	
7,100.00	6,915.22	7,642.78	7,052.30	23.64	31.69	-101.81	316.86	-909.89	665.02	611.48	53.53	12.422	
7,200.00	6,968.52	7,558.04	7,050.11	24.83	30.35	-97.08	319.43	-994.55	661.12	607.27	53.85	12.278	
7,288.37	7,004.27	7,479.62	7,040.86	26.09	29.23	-93.10	321.39	-1,072.35	660.20	606.04	54.17	12.188	
7,300.00	7,008.15	7,469.65	7,039.00	26.26	29.10	-92.61	321.60	-1,082.14	660.22	606.02	54.20	12.181	
7,400.00	7,033.14	7,386.86	7,017.71	27.92	28.07	-88.60	322.97	-1,162.08	661.49	606.86	54.62	12.110	
7,500.00	7,042.87	7,308.36	6,988.11	29.76	27.24	-85.05	323.65	-1,234.73	664.41	609.32	55.09	12.060 SF	
7,600.00	7,042.76	7,235.44	6,952.82	31.74	26.63	-81.98	323.75	-1,298.49	670.01	614.47	55.54	12.064	
7,700.00	7,042.47	7,171.58	6,916.11	33.87	26.20	-78.91	323.40	-1,350.71	681.70	625.92	55.79	12.219	
7,800.00	7,042.19	7,116.29	6,880.25	36.12	25.91	-75.96	322.77	-1,392.77	700.79	645.05	55.74	12.572	
7,900.00	7,041.90	7,068.62	6,846.51	38.48	25.72	-73.27	321.99	-1,426.41	727.97	672.58	55.39	13.143	
8,000.00	7,041.62	7,027.55	6,815.49	40.91	25.58	-70.86	321.15	-1,453.31	763.36	708.59	54.77	13.937	
8,100.00	7,041.33	7,000.00	6,793.74	43.42	25.50	-69.22	320.49	-1,470.21	806.70	752.73	53.97	14.948	
8,200.00	7,041.05	6,961.29	6,762.00	45.98	25.42	-66.90	319.46	-1,492.33	857.14	804.06	53.08	16.148	
8,300.00	7,040.76	6,934.46	6,739.24	48.59	25.37	-65.28	318.66	-1,506.51	914.09	861.92	52.17	17.523	
8,400.00	7,040.48	6,900.00	6,709.17	51.24	25.32	-63.22	317.55	-1,523.29	976.78	925.52	51.27	19.053	
8,500.00	7,040.19	6,900.00	6,709.17	53.92	25.32	-63.22	317.55	-1,523.29	1,044.14	993.66	50.48	20.683	
8,600.00	7,039.90	6,871.82	6,683.94	56.63	25.28	-61.55	316.57	-1,535.79	1,115.52	1,065.79	49.73	22.432	
8,700.00	7,039.62	6,850.00	6,664.03	59.37	25.26	-60.28	315.76	-1,544.70	1,190.53	1,141.47	49.06	24.266	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-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		
0.00	0.00	0.00	0.00	3.28	3.28	-180.00	-20.03	0.00	20.03					
100.00	100.00	100.00	100.00	3.28	3.28	-180.00	-20.03	0.00	20.03	12.51	7.53	2.661		
200.00	200.00	200.00	200.00	3.30	3.30	-180.00	-20.03	0.00	20.03	12.46	7.57	2.647		
200.00	200.00	200.00	200.00	3.30	3.30	-180.00	-20.03	0.00	20.03	12.46	7.57	2.647	CC	
300.00	300.00	300.26	300.26	3.35	3.35	-144.63	-19.70	-0.29	20.06	12.41	7.65	2.621		
400.00	399.93	400.79	400.72	3.41	3.41	-143.73	-17.07	-2.64	20.29	12.52	7.78	2.609		
500.00	499.68	501.30	500.98	3.50	3.50	-141.97	-11.81	-7.33	20.78	12.83	7.95	2.614		
600.00	599.13	601.82	600.93	3.62	3.62	-139.50	-3.92	-14.35	21.53	13.37	8.16	2.638		
700.00	698.15	702.32	700.44	3.76	3.76	-136.46	6.57	-23.70	22.60	14.17	8.43	2.680		
800.00	796.65	802.27	799.16	3.93	3.93	-136.26	18.25	-34.11	25.06	16.30	8.77	2.859		
900.00	894.97	902.22	897.88	4.14	4.13	-137.49	29.92	-44.51	28.25	19.10	9.14	3.090		
1,000.00	993.30	1,002.17	996.60	4.37	4.35	-138.47	41.59	-54.91	31.44	21.88	9.56	3.290		
1,100.00	1,091.62	1,102.11	1,095.31	4.62	4.58	-139.28	53.27	-65.31	34.64	24.64	10.01	3.462		
1,200.00	1,189.95	1,202.06	1,194.03	4.89	4.83	-139.94	64.94	-75.71	37.85	27.37	10.48	3.611		
1,300.00	1,288.28	1,302.01	1,292.75	5.18	5.10	-140.50	76.62	-86.11	41.06	30.08	10.98	3.740		
1,400.00	1,386.60	1,401.96	1,391.47	5.48	5.38	-140.98	88.29	-96.51	44.27	32.78	11.50	3.850		
1,500.00	1,484.93	1,501.90	1,490.18	5.78	5.66	-141.40	99.96	-106.91	47.49	35.46	12.04	3.946		
1,600.00	1,583.25	1,601.85	1,588.90	6.10	5.96	-141.76	111.64	-117.31	50.71	38.12	12.59	4.029		
1,700.00	1,681.58	1,701.80	1,687.62	6.43	6.25	-142.08	123.31	-127.72	53.93	40.78	13.15	4.102		
1,800.00	1,779.90	1,801.75	1,786.33	6.61	6.42	-142.36	134.99	-138.12	57.15	44.09	13.07	4.374		
1,900.00	1,878.23	1,901.70	1,885.05	6.66	6.46	-142.61	146.66	-148.52	60.38	47.26	13.12	4.603		
2,000.00	1,976.55	2,001.64	1,983.77	6.72	6.52	-142.84	158.33	-158.92	63.60	50.40	13.21	4.816		
2,100.00	2,074.88	2,101.59	2,082.49	6.82	6.59	-143.05	170.01	-169.32	66.83	53.50	13.33	5.012		
2,200.00	2,173.20	2,201.54	2,181.20	6.93	6.69	-143.23	181.68	-179.72	70.06	56.56	13.49	5.192		
2,300.00	2,271.53	2,301.49	2,279.92	7.06	6.81	-143.40	193.36	-190.12	73.28	59.59	13.69	5.353		
2,400.00	2,369.86	2,401.43	2,378.64	7.21	6.94	-143.56	205.03	-200.52	76.51	62.59	13.92	5.498		
2,500.00	2,468.18	2,501.38	2,477.36	7.37	7.09	-143.70	216.70	-210.92	79.74	65.57	14.17	5.626		
2,600.00	2,566.51	2,601.33	2,576.07	7.56	7.25	-143.83	228.38	-221.32	82.97	68.51	14.46	5.738		
2,700.00	2,664.83	2,701.28	2,674.79	7.75	7.43	-143.96	240.05	-231.73	86.20	71.42	14.77	5.835		
2,800.00	2,763.16	2,801.22	2,773.51	7.97	7.62	-144.07	251.72	-242.13	89.43	74.32	15.11	5.918		
2,900.00	2,861.48	2,901.17	2,872.22	8.19	7.82	-144.17	263.40	-252.53	92.66	77.18	15.47	5.988		
3,000.00	2,959.81	3,001.12	2,970.94	8.43	8.03	-144.27	275.07	-262.93	95.89	80.03	15.86	6.047		
3,100.00	3,058.13	3,101.07	3,069.66	8.68	8.25	-144.36	286.75	-273.33	99.12	82.86	16.26	6.096		
3,200.00	3,156.46	3,201.02	3,168.38	8.93	8.49	-144.45	298.42	-283.73	102.35	85.66	16.68	6.135		
3,300.00	3,254.79	3,300.96	3,267.09	9.20	8.73	-144.53	310.09	-294.13	105.58	88.46	17.12	6.166		
3,400.00	3,353.11	3,400.91	3,365.81	9.47	8.98	-144.61	321.77	-304.53	108.81	91.23	17.58	6.190		
3,500.00	3,451.44	3,500.86	3,464.53	9.76	9.24	-144.68	333.44	-314.93	112.04	93.99	18.05	6.208		
3,600.00	3,549.76	3,600.81	3,563.24	10.05	9.50	-144.75	345.12	-325.34	115.27	96.74	18.53	6.221		
3,700.00	3,648.09	3,700.75	3,661.96	10.34	9.77	-144.81	356.79	-335.74	118.50	99.48	19.03	6.228		
3,800.00	3,746.41	3,800.70	3,760.68	10.65	10.04	-144.87	368.46	-346.14	121.73	102.20	19.53	6.232		
3,900.00	3,844.74	3,900.65	3,859.40	10.95	10.33	-144.93	380.14	-356.54	124.97	104.92	20.05	6.233		
4,000.00	3,943.06	4,000.60	3,958.11	11.27	10.61	-144.98	391.81	-366.94	128.20	107.62	20.58	6.230		
4,100.00	4,041.39	4,100.54	4,056.83	11.58	10.90	-145.03	403.49	-377.34	131.43	110.32	21.11	6.225		
4,200.00	4,139.71	4,200.49	4,155.55	11.90	11.20	-145.08	415.16	-387.74	134.66	113.00	21.66	6.218		
4,300.00	4,238.04	4,300.44	4,254.26	12.23	11.49	-145.13	426.83	-398.14	137.89	115.68	22.21	6.209		
4,400.00	4,336.37	4,400.39	4,352.98	12.56	11.79	-145.18	438.51	-408.54	141.13	118.36	22.77	6.198		
4,500.00	4,434.69	4,500.34	4,451.70	12.89	12.10	-145.22	450.18	-418.94	144.36	121.03	23.33	6.187		
4,600.00	4,533.02	4,600.28	4,550.42	13.22	12.41	-145.26	461.85	-429.35	147.59	123.69	23.91	6.174		
4,700.00	4,631.34	4,700.23	4,649.13	13.56	12.72	-145.30	473.53	-439.75	150.82	126.34	24.48	6.160		
4,800.00	4,729.67	4,800.18	4,747.85	13.90	13.03	-145.34	485.20	-450.15	154.06	128.99	25.06	6.146		
4,900.00	4,827.99	4,900.13	4,846.57	14.24	13.35	-145.37	496.88	-460.55	157.29	131.64	25.65	6.132		
5,000.00	4,926.32	5,000.07	4,945.28	14.59	13.66	-145.41	508.55	-470.95	160.52	134.28	26.24	6.117		
5,100.00	5,024.64	5,100.02	5,044.00	14.94	13.98	-145.44	520.22	-481.35	163.76	136.92	26.84	6.101		
5,200.00	5,122.97	5,200.03	5,142.72	15.29	14.31	-145.47	531.90	-491.75	166.99	139.55	27.44	6.086		
5,300.00	5,221.29	5,300.08	5,241.44	15.64	14.63	-145.50	543.57	-502.15	170.22	142.18	28.04	6.070		
5,400.00	5,319.62	5,400.14	5,340.15	15.99	14.96	-145.53	555.25	-512.55	173.45	144.80	28.65	6.054		
5,500.00	5,417.95	5,500.19	5,438.87	16.34	15.28	-145.56	566.92	-522.96	176.69	147.43	29.26	6.038		
5,600.00	5,516.27	5,600.24	5,537.59	16.70	15.61	-145.59	578.59	-533.36	179.92	150.05	29.87	6.023		
5,700.00	5,614.60	5,700.29	5,636.30	17.06	15.94	-145.61	590.27	-543.76	183.15	152.66	30.49	6.007		
5,800.00	5,712.92	5,800.35	5,735.02	17.41	16.27	-145.64	601.94	-554.16	186.39	155.28	31.11	5.992		
5,900.00	5,811.25	5,900.40	5,833.74	17.77	16.61	-145.66	613.62	-564.56	189.62	157.89	31.73	5.976		
6,000.00	5,909.57	6,000.45	5,932.46	18.14	16.94	-145.69	625.29	-574.96	192.85	160.50	32.35	5.961		
6,100.00	6,007.90	6,100.50	6,031.17	18.50	17.28	-145.71	636.96	-585.36	196.09	163.11	32.98	5.946		
6,200.00	6,106.22	6,200.55	6,129.89	18.86	17.61	-145.73	648.64	-595.76	199.32	165.71	33.61	5.931		
6,300.00	6,204.55	6,300.61	6,228.61	19.22	17.95	-145.75	660.31	-606.16	202.55	168.32	34.24	5.916		
6,400.00	6,302.88	6,400.66	6,327.32	19.59	18.29	-145.78	671.98	-616.56	205.79	170.92	34.87	5.902		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-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								
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)				
6,500.00	6,401.20	6,500.71	6,426.04	19.95	18.63	-145.80	683.66	-626.97	209.02	173.52	35.50	5.888			
6,600.00	6,499.49	6,600.77	6,524.76	20.32	18.97	-138.40	695.33	-637.37	212.25	176.13	36.13	5.875			
6,700.00	6,595.97	6,699.00	6,623.13	20.73	19.30	-120.27	706.93	-649.11	215.77	179.26	36.51	5.910			
6,800.00	6,687.96	6,800.43	6,720.67	21.24	19.72	-114.64	718.11	-674.15	220.07	183.05	37.02	5.944			
6,900.00	6,773.19	6,903.91	6,814.88	21.88	20.28	-112.93	728.49	-715.40	225.02	187.19	37.83	5.949			
7,000.00	6,849.58	7,009.49	6,902.91	22.67	21.00	-112.72	737.73	-772.72	230.36	191.37	38.99	5.908			
7,100.00	6,915.22	7,117.12	6,981.77	23.64	21.92	-113.12	745.49	-845.37	235.82	195.19	40.63	5.804			
7,200.00	6,968.52	7,226.67	7,048.45	24.83	23.12	-113.71	751.44	-931.92	241.08	198.22	42.87	5.624			
7,300.00	7,008.15	7,337.93	7,100.11	26.26	24.63	-114.27	755.29	-1,030.22	245.85	200.05	45.80	5.368			
7,400.00	7,033.14	7,450.59	7,134.35	27.92	26.47	-114.70	756.82	-1,137.38	249.87	200.42	49.45	5.053			
7,500.00	7,042.87	7,564.22	7,149.38	29.76	28.59	-114.95	755.89	-1,249.87	252.91	199.18	53.74	4.706			
7,600.00	7,042.76	7,667.19	7,150.50	31.74	30.68	-115.00	753.52	-1,352.80	254.96	197.16	57.81	4.411			
7,700.00	7,042.47	7,767.17	7,151.14	33.87	32.85	-115.02	751.17	-1,452.75	256.93	195.01	61.93	4.149			
7,800.00	7,042.19	7,867.15	7,151.78	36.12	35.14	-115.05	748.82	-1,552.70	258.90	192.67	66.23	3.909			
7,900.00	7,041.90	7,967.14	7,152.42	38.48	37.52	-115.07	746.46	-1,652.65	260.88	190.18	70.69	3.690			
8,000.00	7,041.62	8,067.12	7,153.07	40.91	39.98	-115.09	744.11	-1,752.60	262.85	187.57	75.27	3.492			
8,100.00	7,041.33	8,167.10	7,153.71	43.42	42.50	-115.11	741.75	-1,852.55	264.82	184.86	79.96	3.312			
8,200.00	7,041.05	8,267.08	7,154.35	45.98	45.08	-115.13	739.40	-1,952.50	266.79	182.06	84.73	3.149			
8,300.00	7,040.76	8,367.06	7,154.99	48.59	47.71	-115.15	737.04	-2,052.45	268.76	179.18	89.58	3.000			
8,400.00	7,040.48	8,467.04	7,155.63	51.24	50.37	-115.17	734.69	-2,152.40	270.73	176.25	94.48	2.866			
8,500.00	7,040.19	8,567.02	7,156.27	53.92	53.06	-115.19	732.33	-2,252.35	272.70	173.27	99.43	2.743			
8,600.00	7,039.90	8,667.00	7,156.91	56.63	55.78	-115.21	729.98	-2,352.31	274.67	170.24	104.43	2.630			
8,700.00	7,039.62	8,766.98	7,157.55	59.37	58.52	-115.23	727.62	-2,452.26	276.65	167.18	109.47	2.527			
8,800.00	7,039.33	8,866.96	7,158.20	62.13	61.29	-115.25	725.27	-2,552.21	278.62	164.08	114.53	2.433			
8,900.00	7,039.05	8,966.94	7,158.84	64.90	64.07	-115.27	722.91	-2,652.16	280.59	160.96	119.63	2.345			
9,000.00	7,038.76	9,066.92	7,159.48	67.70	66.87	-115.29	720.56	-2,752.11	282.56	157.81	124.75	2.265			
9,100.00	7,038.48	9,166.90	7,160.12	70.50	69.68	-115.31	718.20	-2,852.06	284.53	154.64	129.89	2.191			
9,200.00	7,038.19	9,266.88	7,160.76	73.32	72.50	-115.33	715.85	-2,952.01	286.50	151.46	135.05	2.121			
9,300.00	7,037.91	9,366.86	7,161.40	76.15	75.33	-115.35	713.49	-3,051.96	288.48	148.25	140.22	2.057			
9,400.00	7,037.62	9,466.84	7,162.04	78.99	78.17	-115.37	711.14	-3,151.91	290.45	145.03	145.41	1.997			
9,500.00	7,037.34	9,566.82	7,162.68	81.84	81.02	-115.38	708.78	-3,251.86	292.42	141.80	150.62	1.941			
9,600.00	7,037.05	9,666.80	7,163.33	84.70	83.88	-115.40	706.43	-3,351.81	294.39	138.56	155.83	1.889			
9,700.00	7,036.77	9,766.78	7,163.97	87.56	86.74	-115.42	704.07	-3,451.76	296.36	135.31	161.06	1.840			
9,800.00	7,036.48	9,866.76	7,164.61	90.43	89.61	-115.44	701.72	-3,551.71	298.34	132.04	166.29	1.794			
9,900.00	7,036.20	9,966.75	7,165.25	93.30	92.48	-115.45	699.36	-3,651.66	300.31	128.77	171.54	1.751			
10,000.00	7,035.91	10,066.73	7,165.89	96.19	95.36	-115.47	697.01	-3,751.62	302.28	125.49	176.79	1.710			
10,100.00	7,035.63	10,166.71	7,166.53	99.07	98.25	-115.49	694.66	-3,851.57	304.25	122.21	182.04	1.671			
10,200.00	7,035.34	10,266.69	7,167.17	101.96	101.14	-115.50	692.30	-3,951.52	306.22	118.92	187.31	1.635			
10,300.00	7,035.06	10,366.67	7,167.81	104.86	104.03	-115.52	689.95	-4,051.47	308.20	115.62	192.58	1.600			
10,400.00	7,034.77	10,466.65	7,168.45	107.75	106.92	-115.53	687.59	-4,151.42	310.17	112.32	197.85	1.568			
10,500.00	7,034.49	10,566.63	7,169.10	110.66	109.82	-115.55	685.24	-4,251.37	312.14	109.01	203.13	1.537			
10,600.00	7,034.20	10,666.61	7,169.74	113.56	112.72	-115.56	682.88	-4,351.32	314.11	105.70	208.41	1.507			
10,700.00	7,033.92	10,766.59	7,170.38	116.47	115.63	-115.58	680.53	-4,451.27	316.08	102.39	213.70	1.479 Level 3			
10,800.00	7,033.63	10,866.57	7,171.02	119.38	118.54	-115.59	678.17	-4,551.22	318.06	99.07	218.99	1.452 Level 3			
10,900.00	7,033.35	10,966.55	7,171.66	122.29	121.44	-115.61	675.82	-4,651.17	320.03	95.75	224.28	1.427 Level 3			
11,000.00	7,033.06	11,066.53	7,172.30	125.21	124.36	-115.62	673.46	-4,751.12	322.00	92.42	229.58	1.403 Level 3			
11,100.00	7,032.78	11,166.51	7,172.94	128.12	127.27	-115.64	671.11	-4,851.07	323.97	89.10	234.88	1.379 Level 3			
11,200.00	7,032.49	11,266.49	7,173.58	131.04	130.19	-115.65	668.75	-4,951.02	325.94	85.77	240.18	1.357 Level 3			
11,300.00	7,032.21	11,366.47	7,174.23	133.96	133.10	-115.67	666.40	-5,050.97	327.92	82.43	245.48	1.336 Level 3			
11,400.00	7,031.92	11,466.45	7,174.87	136.89	136.02	-115.68	664.04	-5,150.93	329.89	79.10	250.79	1.315 Level 3			
11,500.00	7,031.64	11,566.43	7,175.51	139.81	138.94	-115.69	661.69	-5,250.88	331.86	75.77	256.09	1.296 Level 3			
11,600.00	7,031.35	11,666.41	7,176.15	142.74	141.86	-115.71	659.33	-5,350.83	333.83	72.43	261.40	1.277 Level 3			
11,700.00	7,031.07	11,766.39	7,176.79	145.66	144.79	-115.72	656.98	-5,450.78	335.81	69.09	266.72	1.259 Level 3			
11,800.00	7,030.78	11,866.38	7,177.43	148.59	147.71	-115.73	654.62	-5,550.73	337.78	65.75	272.03	1.242 Level 2			
11,900.00	7,030.50	11,966.36	7,178.07	151.52	150.64	-115.75	652.27	-5,650.68	339.75	62.41	277.34	1.225 Level 2			
12,000.00	7,030.21	12,066.34	7,178.71	154.45	153.56	-115.76	649.91	-5,750.63	341.72	59.07	282.66	1.209 Level 2			
12,100.00	7,029.92	12,166.32	7,179.36	157.39	156.49	-115.77	647.56	-5,850.58	343.69	55.72	287.97	1.193 Level 2			
12,200.00	7,029.64	12,266.30	7,180.00	160.32	159.42	-115.79	645.20	-5,950.53	345.67	52.38	293.29	1.179 Level 2			
12,300.00	7,029.35	12,366.28	7,180.64	163.26	162.35	-115.80	642.85	-6,050.48	347.64	49.03	298.61	1.164 Level 2			
12,400.00	7,029.07	12,466.26	7,181.28	166.19	165.28	-115.81	640.50	-6,150.43	349.61	45.68	303.93	1.150 Level 2			
12,500.00	7,028.78	12,566.24	7,181.92	169.13	168.21	-115.82	638.14	-6,250.38	351.58	42.34	309.25	1.137 Level 2			
12,600.00	7,028.50	12,674.01	7,182.61	172.06	171.38	-115.90	636.46	-6,358.14	352.87	37.96	314.91	1.121 Level 2			
12,700.00	7,028.21	12,776.01	7,183.27	175.00	174.38	-116.13	637.15	-6,460.13	352.11	32.29	319.82	1.101 Level 2			
12,800.00	7,027.93	12,875.99	7,183.91	177.94	177.33	-116.36	637.88	-6,560.11	351.32	26.70	324.62	1.082 Level 2			
12,900.00	7,027.64	12,975.98	7,184.55	180.88	180.27	-116.59	638.61	-6,660.09	350.53	21.14	329.39	1.064 Level 2			
13,000.00	7,027.36	13,075.97	7,185.18												

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,100.00	7,027.07	13,175.95	7,185.83	186.76	186.17	-117.06	640.07	-6,860.05	348.97	10.12	338.85	1.030	Level 2	
13,200.00	7,026.79	13,275.94	7,186.47	189.70	189.11	-117.30	640.80	-6,960.04	348.20	4.66	343.54	1.014	Level 2	
13,300.00	7,026.50	13,375.93	7,187.12	192.65	192.06	-117.54	641.53	-7,060.02	347.44	-0.77	348.21	0.998	Level 1	
13,400.00	7,026.22	13,475.91	7,187.76	195.59	195.01	-117.78	642.26	-7,160.00	346.68	-6.17	352.85	0.983	Level 1	
13,500.00	7,025.93	13,575.90	7,188.40	198.53	197.96	-118.01	642.99	-7,259.98	345.93	-11.54	357.46	0.968	Level 1	
13,600.00	7,025.65	13,675.89	7,189.04	201.48	200.91	-118.25	643.72	-7,359.96	345.18	-16.86	362.04	0.953	Level 1	
13,700.00	7,025.36	13,775.87	7,189.68	204.42	203.86	-118.50	644.45	-7,459.95	344.44	-22.16	366.60	0.940	Level 1	
13,800.00	7,025.08	13,875.86	7,190.32	207.37	206.81	-118.74	645.18	-7,559.93	343.70	-27.42	371.12	0.926	Level 1	
13,900.00	7,024.79	13,975.85	7,190.97	210.31	209.76	-118.98	645.91	-7,659.91	342.98	-32.64	375.62	0.913	Level 1	
14,000.00	7,024.51	14,075.83	7,191.61	213.26	212.72	-119.23	646.64	-7,759.89	342.25	-37.83	380.08	0.900	Level 1	
14,100.00	7,024.22	14,175.82	7,192.25	216.20	215.67	-119.47	647.37	-7,859.87	341.54	-42.98	384.52	0.888	Level 1	
14,200.00	7,023.94	14,275.81	7,192.89	219.15	218.62	-119.72	648.10	-7,959.86	340.83	-48.09	388.92	0.876	Level 1	
14,300.00	7,023.65	14,375.79	7,193.53	222.10	221.57	-119.97	648.82	-8,059.84	340.13	-53.17	393.29	0.865	Level 1	
14,400.00	7,023.37	14,475.78	7,194.17	225.05	224.53	-120.22	649.55	-8,159.82	339.43	-58.21	397.64	0.854	Level 1	
14,500.00	7,023.08	14,575.77	7,194.82	227.99	227.48	-120.47	650.28	-8,259.80	338.74	-63.20	401.94	0.843	Level 1	
14,600.00	7,022.80	14,675.75	7,195.46	230.94	230.43	-120.72	651.01	-8,359.78	338.06	-68.16	406.22	0.832	Level 1	
14,700.00	7,022.51	14,775.74	7,196.10	233.89	233.39	-120.97	651.74	-8,459.77	337.38	-73.08	410.46	0.822	Level 1	
14,800.00	7,022.23	14,875.73	7,196.74	236.84	236.34	-121.22	652.47	-8,559.75	336.71	-77.96	414.67	0.812	Level 1	
14,900.00	7,021.94	14,975.71	7,197.38	239.79	239.30	-121.47	653.20	-8,659.73	336.04	-82.80	418.84	0.802	Level 1	
15,000.00	7,021.66	15,075.70	7,198.03	242.74	242.25	-121.73	653.93	-8,759.71	335.39	-87.60	422.98	0.793	Level 1	
15,100.00	7,021.37	15,175.69	7,198.67	245.69	245.21	-121.98	654.66	-8,859.69	334.74	-92.35	427.09	0.784	Level 1	
15,200.00	7,021.09	15,275.67	7,199.31	248.64	248.16	-122.24	655.39	-8,959.68	334.09	-97.07	431.16	0.775	Level 1	
15,300.00	7,020.80	15,375.66	7,199.95	251.59	251.12	-122.50	656.12	-9,059.66	333.45	-101.74	435.19	0.766	Level 1	
15,400.00	7,020.52	15,475.65	7,200.59	254.54	254.07	-122.76	656.85	-9,159.64	332.82	-106.36	439.19	0.758	Level 1	
15,500.00	7,020.23	15,575.63	7,201.23	257.49	257.03	-123.02	657.58	-9,259.62	332.20	-110.95	443.15	0.750	Level 1	
15,600.00	7,019.94	15,675.62	7,201.88	260.44	259.98	-123.28	658.31	-9,359.60	331.58	-115.49	447.07	0.742	Level 1	
15,700.00	7,019.66	15,775.61	7,202.52	263.39	262.94	-123.54	659.04	-9,459.59	330.97	-119.98	450.96	0.734	Level 1	
15,800.00	7,019.37	15,875.59	7,203.16	266.34	265.90	-123.80	659.77	-9,559.57	330.37	-124.43	454.80	0.726	Level 1	
15,900.00	7,019.09	15,975.58	7,203.80	269.29	268.85	-124.07	660.50	-9,659.55	329.77	-128.84	458.61	0.719	Level 1	
16,000.00	7,018.80	16,075.57	7,204.44	272.25	271.81	-124.33	661.23	-9,759.53	329.18	-133.19	462.38	0.712	Level 1	
16,100.00	7,018.52	16,175.55	7,205.08	275.20	274.77	-124.60	661.96	-9,859.51	328.60	-137.51	466.11	0.705	Level 1	
16,200.00	7,018.23	16,275.54	7,205.73	278.15	277.72	-124.86	662.69	-9,959.50	328.03	-141.77	469.80	0.698	Level 1	
16,300.00	7,017.95	16,375.53	7,206.37	281.10	280.68	-125.13	663.42	-10,059.48	327.46	-145.99	473.45	0.692	Level 1	
16,400.00	7,017.66	16,475.51	7,207.01	284.06	283.64	-125.40	664.15	-10,159.46	326.90	-150.16	477.05	0.685	Level 1	
16,500.00	7,017.38	16,575.50	7,207.65	287.01	286.60	-125.67	664.88	-10,259.44	326.35	-154.28	480.62	0.679	Level 1	
16,600.00	7,017.09	16,675.49	7,208.29	289.96	289.55	-125.94	665.61	-10,359.42	325.80	-158.35	484.15	0.673	Level 1	
16,700.00	7,016.81	16,775.47	7,208.93	292.92	292.51	-126.21	666.33	-10,459.41	325.26	-162.37	487.63	0.667	Level 1	
16,800.00	7,016.52	16,875.46	7,209.58	295.87	295.47	-126.48	667.06	-10,559.39	324.73	-166.34	491.07	0.661	Level 1	
16,900.00	7,016.24	16,975.45	7,210.22	298.82	298.43	-126.75	667.79	-10,659.37	324.20	-170.26	494.47	0.656	Level 1	
17,000.00	7,015.95	17,075.43	7,210.86	301.78	301.39	-127.03	668.52	-10,759.35	323.69	-174.13	497.82	0.650	Level 1	
17,100.00	7,015.67	17,175.42	7,211.50	304.73	304.34	-127.30	669.25	-10,859.33	323.18	-177.95	501.13	0.645	Level 1	
17,200.00	7,015.38	17,275.41	7,212.14	307.68	307.30	-127.58	669.98	-10,959.32	322.67	-181.72	504.40	0.640	Level 1	
17,300.00	7,015.10	17,375.39	7,212.78	310.64	310.26	-127.85	670.71	-11,059.30	322.18	-185.44	507.62	0.635	Level 1	
17,334.43	7,015.00	17,409.82	7,213.01	311.66	311.28	-127.95	670.96	-11,093.73	322.01	-186.70	508.71	0.633	Level 1, ES, SF	

Offset Design5N-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						
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	-179.73	-60.11	-0.28	60.11				
100.00	100.00	100.00	100.00	3.28	3.28	-179.73	-60.11	-0.28	60.11	52.58	7.53	7.985	
200.00	200.00	200.00	200.00	3.30	3.30	-179.73	-60.11	-0.28	60.11	52.54	7.57	7.941	
200.00	200.00	200.00	200.00	3.30	3.30	-179.73	-60.11	-0.28	60.11	52.54	7.57	7.941	CC, ES
300.00	300.00	300.51	300.51	3.35	3.35	-144.36	-59.89	-0.67	60.25	52.59	7.65	7.871	
400.00	399.93	401.51	401.44	3.41	3.41	-143.34	-58.16	-3.78	61.41	53.63	7.78	7.892	
500.00	499.68	502.45	502.12	3.50	3.50	-141.43	-54.72	-10.00	63.77	55.82	7.95	8.018	
600.00	599.13	603.17	602.28	3.62	3.62	-138.84	-49.58	-19.27	67.45	59.27	8.18	8.247	
700.00	698.15	702.98	701.39	3.76	3.75	-137.41	-43.85	-29.60	73.31	64.85	8.46	8.667	
800.00	796.65	802.62	800.33	3.93	3.91	-137.83	-38.13	-39.92	81.68	72.89	8.79	9.293	
900.00	894.97	902.20	899.21	4.14	4.09	-138.64	-32.41	-50.24	90.78	81.62	9.16	9.913	
1,000.00	993.30	1,001.78	998.08	4.37	4.29	-139.31	-26.70	-60.55	99.90	90.33	9.56	10.447	
1,100.00	1,091.62	1,101.36	1,096.96	4.62	4.51	-139.87	-20.98	-70.86	109.03	99.03	10.00	10.905	
1,200.00	1,189.95	1,200.93	1,195.84	4.89	4.73	-140.34	-15.27	-81.17	118.16	107.70	10.46	11.295	
1,300.00	1,288.28	1,300.51	1,294.71	5.18	4.97	-140.74	-9.55	-91.48	127.31	116.36	10.95	11.629	
1,400.00	1,386.60	1,400.09	1,393.59	5.48	5.22	-141.09	-3.83	-101.80	136.46	125.00	11.45	11.914	
1,500.00	1,484.93	1,500.34	1,492.47	5.78	5.47	-141.40	1.88	-112.11	145.61	133.63	11.98	12.156	
1,600.00	1,583.25	1,600.76	1,591.34	6.10	5.74	-141.67	7.60	-122.42	154.77	142.25	12.52	12.362	
1,700.00	1,681.58	1,701.18	1,690.22	6.43	6.01	-141.91	13.31	-132.73	163.93	150.86	13.07	12.542	
1,800.00	1,779.90	1,801.60	1,789.10	6.61	6.15	-142.12	19.03	-143.04	173.10	160.11	12.99	13.329	
1,900.00	1,878.23	1,902.03	1,887.97	6.66	6.18	-142.31	24.75	-153.36	182.26	169.22	13.04	13.977	
2,000.00	1,976.55	2,002.45	1,986.85	6.72	6.23	-142.49	30.46	-163.67	191.43	178.30	13.13	14.579	
2,100.00	2,074.88	2,102.87	2,085.73	6.82	6.29	-142.65	36.18	-173.98	200.60	187.34	13.26	15.133	
2,200.00	2,173.20	2,203.29	2,184.61	6.93	6.37	-142.79	41.90	-184.29	209.77	196.35	13.41	15.638	
2,300.00	2,271.53	2,303.72	2,283.48	7.06	6.47	-142.92	47.61	-194.60	218.94	205.33	13.61	16.091	
2,400.00	2,369.86	2,404.14	2,382.36	7.21	6.58	-143.04	53.33	-204.92	228.11	214.28	13.83	16.495	
2,500.00	2,468.18	2,504.56	2,481.24	7.37	6.71	-143.16	59.04	-215.23	237.29	223.20	14.08	16.850	
2,600.00	2,566.51	2,604.99	2,580.11	7.56	6.84	-143.26	64.76	-225.54	246.46	232.10	14.36	17.160	
2,700.00	2,664.83	2,705.41	2,678.99	7.75	7.00	-143.36	70.48	-235.85	255.64	240.97	14.67	17.426	
2,800.00	2,763.16	2,805.83	2,777.87	7.97	7.16	-143.45	76.19	-246.16	264.81	249.81	15.00	17.652	
2,900.00	2,861.48	2,906.25	2,876.74	8.19	7.33	-143.53	81.91	-256.48	273.99	258.63	15.36	17.842	
3,000.00	2,959.81	3,006.68	2,975.62	8.43	7.52	-143.61	87.62	-266.79	283.17	267.43	15.73	17.998	
3,100.00	3,058.13	3,107.10	3,074.50	8.68	7.71	-143.68	93.34	-277.10	292.34	276.21	16.13	18.126	
3,200.00	3,156.46	3,207.52	3,173.37	8.93	7.92	-143.75	99.06	-287.41	301.52	284.98	16.54	18.227	
3,300.00	3,254.79	3,292.06	3,272.25	9.20	8.09	-143.81	104.77	-297.72	310.70	293.76	16.94	18.340	
3,400.00	3,353.11	3,408.37	3,371.13	9.47	8.35	-143.88	110.49	-308.04	319.88	302.46	17.42	18.362	
3,500.00	3,451.44	3,508.79	3,470.00	9.76	8.57	-143.93	116.20	-318.35	329.06	311.18	17.88	18.402	
3,600.00	3,549.76	3,609.21	3,568.88	10.05	8.81	-143.99	121.92	-328.66	338.24	319.88	18.36	18.427	
3,700.00	3,648.09	3,709.64	3,667.76	10.34	9.05	-144.04	127.64	-338.97	347.42	328.57	18.84	18.438	
3,800.00	3,746.41	3,789.94	3,766.63	10.65	9.24	-144.09	133.35	-349.29	356.60	337.31	19.29	18.484	
3,900.00	3,844.74	3,889.52	3,865.51	10.95	9.49	-144.13	139.07	-359.60	365.78	345.98	19.80	18.476	
4,000.00	3,943.06	3,989.10	3,964.39	11.27	9.74	-144.18	144.78	-369.91	374.96	354.65	20.31	18.460	
4,100.00	4,041.39	4,088.67	4,063.26	11.58	9.99	-144.22	150.50	-380.22	384.14	363.30	20.84	18.437	
4,200.00	4,139.71	4,188.25	4,162.14	11.90	10.25	-144.26	156.22	-390.53	393.32	371.95	21.37	18.408	
4,300.00	4,238.04	4,287.83	4,261.02	12.23	10.52	-144.30	161.93	-400.85	402.50	380.59	21.91	18.374	
4,400.00	4,336.37	4,387.41	4,359.90	12.56	10.78	-144.34	167.65	-411.16	411.68	389.23	22.45	18.336	
4,500.00	4,434.69	4,486.98	4,458.77	12.89	11.05	-144.37	173.36	-421.47	420.86	397.86	23.01	18.294	
4,600.00	4,533.02	4,586.56	4,557.65	13.22	11.32	-144.40	179.08	-431.78	430.04	406.48	23.56	18.250	
4,700.00	4,631.34	4,686.14	4,656.53	13.56	11.60	-144.44	184.80	-442.09	439.23	415.10	24.13	18.204	
4,800.00	4,729.67	4,785.72	4,755.40	13.90	11.88	-144.47	190.51	-452.41	448.41	423.71	24.70	18.156	
4,900.00	4,827.99	4,885.29	4,854.28	14.24	12.16	-144.50	196.23	-462.72	457.59	432.32	25.27	18.106	
5,000.00	4,926.32	4,984.87	4,953.16	14.59	12.44	-144.53	201.95	-473.03	466.77	440.92	25.85	18.056	
5,100.00	5,024.64	5,084.45	5,052.03	14.94	12.73	-144.55	207.66	-483.34	475.95	449.52	26.43	18.005	
5,200.00	5,122.97	5,184.02	5,150.91	15.29	13.01	-144.58	213.38	-493.65	485.14	458.12	27.02	17.954	
5,300.00	5,221.29	5,283.60	5,249.79	15.64	13.30	-144.60	219.09	-503.97	494.32	466.71	27.61	17.902	
5,400.00	5,319.62	5,383.18	5,348.66	15.99	13.59	-144.63	224.81	-514.28	503.50	475.30	28.21	17.851	
5,500.00	5,417.95	5,482.76	5,447.54	16.34	13.88	-144.65	230.53	-524.59	512.68	483.88	28.80	17.799	
5,600.00	5,516.27	5,582.33	5,546.42	16.70	14.18	-144.67	236.24	-534.90	521.87	492.46	29.40	17.748	
5,700.00	5,614.60	5,681.91	5,645.29	17.06	14.47	-144.70	241.96	-545.21	531.05	501.04	30.01	17.697	
5,800.00	5,712.92	5,781.49	5,744.17	17.41	14.77	-144.72	247.67	-555.53	540.23	509.62	30.61	17.647	
5,900.00	5,811.25	5,881.07	5,843.05	17.77	15.06	-144.74	253.39	-565.84	549.42	518.19	31.22	17.597	
6,000.00	5,909.57	5,980.64	5,941.92	18.14	15.36	-144.76	259.11	-576.15	558.60	526.77	31.83	17.548	
6,100.00	6,007.90	6,080.22	6,040.80	18.50	15.66	-144.78	264.82	-586.46	567.78	535.34	32.45	17.499	
6,200.00	6,106.22	6,179.80	6,139.68	18.86	15.96	-144.80	270.54	-596.77	576.96	543.90	33.06	17.452	
6,300.00	6,204.55	6,279.37	6,238.55	19.22	16.26	-144.81	276.25	-607.09	586.15	552.47	33.68	17.404	
6,400.00	6,302.88	6,378.95	6,337.43	19.59	16.57	-144.83	281.97	-617.40	595.33	561.03	34.30	17.358	

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						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	6,401.20	6,478.53	6,436.31	19.95	16.87	-144.85	287.69	-627.71	604.51	569.60	34.92	17.312	
6,600.00	6,499.49	6,578.10	6,535.18	20.32	17.17	-137.27	293.40	-638.02	613.69	578.16	35.54	17.269	
6,700.00	6,595.97	6,677.67	6,633.77	20.73	17.50	-116.89	299.09	-650.47	622.76	586.60	36.16	17.223	
6,800.00	6,687.96	6,778.82	6,731.12	21.24	17.93	-108.63	304.61	-676.98	631.59	594.60	37.00	17.071	
6,900.00	6,773.19	6,881.84	6,824.69	21.88	18.51	-104.51	309.82	-719.48	639.97	601.83	38.14	16.778	
7,000.00	6,849.58	6,986.74	6,911.69	22.67	19.28	-102.19	314.54	-777.70	647.66	607.99	39.67	16.326	
7,100.00	6,915.22	7,093.50	6,989.22	23.64	20.28	-100.82	318.62	-850.80	654.42	612.73	41.69	15.696	
7,200.00	6,968.52	7,202.00	7,054.40	24.83	21.59	-100.00	321.89	-937.30	660.05	615.74	44.31	14.895	
7,300.00	7,008.15	7,312.01	7,104.59	26.26	23.25	-99.55	324.21	-1,035.02	664.36	616.76	47.60	13.957	
7,400.00	7,033.14	7,423.25	7,137.51	27.92	25.23	-99.35	325.47	-1,141.11	667.19	615.70	51.49	12.957	
7,500.00	7,042.87	7,535.32	7,151.55	29.76	27.47	-99.36	325.60	-1,252.16	668.43	612.58	55.85	11.967	
7,600.00	7,042.76	7,637.77	7,152.24	31.74	29.67	-99.43	325.00	-1,354.60	668.56	608.36	60.20	11.106	
7,700.00	7,042.47	7,737.77	7,152.54	33.87	31.94	-99.47	324.40	-1,454.60	668.65	603.95	64.70	10.335	
7,800.00	7,042.19	7,837.77	7,152.83	36.12	34.31	-99.52	323.79	-1,554.60	668.74	599.33	69.40	9.635	
7,900.00	7,041.90	7,937.77	7,153.13	38.48	36.77	-99.57	323.18	-1,654.59	668.83	594.56	74.27	9.005	
8,000.00	7,041.62	8,037.77	7,153.42	40.91	39.30	-99.62	322.57	-1,754.59	668.92	589.65	79.27	8.439	
8,100.00	7,041.33	8,137.76	7,153.72	43.42	41.89	-99.67	321.97	-1,854.58	669.01	584.64	84.38	7.929	
8,200.00	7,041.05	8,237.76	7,154.01	45.98	44.52	-99.72	321.36	-1,954.58	669.10	579.53	89.57	7.470	
8,300.00	7,040.76	8,337.76	7,154.31	48.59	47.20	-99.77	320.75	-2,054.58	669.20	574.35	94.84	7.056	
8,400.00	7,040.48	8,437.76	7,154.60	51.24	49.90	-99.82	320.15	-2,154.57	669.29	569.11	100.18	6.681	
8,500.00	7,040.19	8,537.76	7,154.90	53.92	52.64	-99.87	319.54	-2,254.57	669.39	563.82	105.56	6.341	
8,600.00	7,039.90	8,637.76	7,155.19	56.63	55.39	-99.92	318.93	-2,354.56	669.48	558.49	110.99	6.032	
8,700.00	7,039.62	8,737.75	7,155.49	59.37	58.17	-99.96	318.32	-2,454.56	669.57	553.12	116.46	5.749	
8,800.00	7,039.33	8,837.75	7,155.78	62.13	60.96	-100.01	317.72	-2,554.56	669.67	547.71	121.96	5.491	
8,900.00	7,039.05	8,937.75	7,156.08	64.90	63.77	-100.06	317.11	-2,654.55	669.77	542.28	127.49	5.254	
9,000.00	7,038.76	9,037.75	7,156.37	67.70	66.60	-100.11	316.50	-2,754.55	669.86	536.82	133.04	5.035	
9,100.00	7,038.48	9,137.75	7,156.67	70.50	69.43	-100.16	315.90	-2,854.54	669.96	531.35	138.61	4.833	
9,200.00	7,038.19	9,237.75	7,156.97	73.32	72.28	-100.21	315.29	-2,954.54	670.06	525.85	144.20	4.647	
9,300.00	7,037.91	9,337.74	7,157.26	76.15	75.13	-100.26	314.68	-3,054.54	670.15	520.34	149.81	4.473	
9,400.00	7,037.62	9,437.74	7,157.56	78.99	77.99	-100.31	314.08	-3,154.53	670.25	514.82	155.43	4.312	
9,500.00	7,037.34	9,537.74	7,157.85	81.84	80.86	-100.36	313.47	-3,254.53	670.35	509.28	161.07	4.162	
9,600.00	7,037.05	9,637.74	7,158.15	84.70	83.74	-100.41	312.86	-3,354.52	670.45	503.74	166.72	4.022	
9,700.00	7,036.77	9,737.74	7,158.44	87.56	86.62	-100.45	312.25	-3,454.52	670.55	498.18	172.37	3.890	
9,800.00	7,036.48	9,837.74	7,158.74	90.43	89.50	-100.50	311.65	-3,554.52	670.65	492.62	178.04	3.767	
9,900.00	7,036.20	9,937.73	7,159.03	93.30	92.40	-100.55	311.04	-3,654.51	670.75	487.04	183.71	3.651	
10,000.00	7,035.91	10,037.73	7,159.33	96.19	95.29	-100.60	310.43	-3,754.51	670.85	481.47	189.39	3.542	
10,100.00	7,035.63	10,137.73	7,159.62	99.07	98.19	-100.65	309.83	-3,854.50	670.95	475.88	195.07	3.440	
10,200.00	7,035.34	10,237.73	7,159.92	101.96	101.09	-100.70	309.22	-3,954.50	671.06	470.29	200.76	3.343	
10,300.00	7,035.06	10,337.73	7,160.21	104.86	104.00	-100.75	308.61	-4,054.50	671.16	464.70	206.46	3.251	
10,400.00	7,034.77	10,437.73	7,160.51	107.75	106.91	-100.80	308.00	-4,154.49	671.26	459.11	212.16	3.164	
10,500.00	7,034.49	10,537.72	7,160.80	110.66	109.82	-100.84	307.40	-4,254.49	671.37	453.51	217.86	3.082	
10,600.00	7,034.20	10,637.72	7,161.10	113.56	112.74	-100.89	306.79	-4,354.49	671.47	447.90	223.57	3.003	
10,700.00	7,033.92	10,737.72	7,161.39	116.47	115.65	-100.94	306.18	-4,454.48	671.58	442.30	229.27	2.929	
10,800.00	7,033.63	10,837.72	7,161.69	119.38	118.57	-100.99	305.58	-4,554.48	671.68	436.69	234.99	2.858	
10,900.00	7,033.35	10,937.72	7,161.99	122.29	121.49	-101.04	304.97	-4,654.47	671.79	431.08	240.70	2.791	
11,000.00	7,033.06	11,037.72	7,162.28	125.21	124.42	-101.09	304.36	-4,754.47	671.89	425.48	246.42	2.727	
11,100.00	7,032.78	11,137.71	7,162.58	128.12	127.34	-101.14	303.76	-4,854.47	672.00	419.86	252.13	2.665	
11,200.00	7,032.49	11,237.71	7,162.87	131.04	130.27	-101.19	303.15	-4,954.46	672.11	414.25	257.85	2.607	
11,300.00	7,032.21	11,337.71	7,163.17	133.96	133.20	-101.23	302.54	-5,054.46	672.21	408.64	263.57	2.550	
11,400.00	7,031.92	11,437.71	7,163.46	136.89	136.13	-101.28	301.93	-5,154.45	672.32	403.03	269.30	2.497	
11,500.00	7,031.64	11,537.71	7,163.76	139.81	139.06	-101.33	301.33	-5,254.45	672.43	397.41	275.02	2.445	
11,600.00	7,031.35	11,637.71	7,164.05	142.74	141.99	-101.38	300.72	-5,354.45	672.54	391.80	280.74	2.396	
11,700.00	7,031.07	11,737.70	7,164.35	145.66	144.92	-101.43	300.11	-5,454.44	672.65	386.19	286.46	2.348	
11,800.00	7,030.78	11,837.70	7,164.64	148.59	147.86	-101.48	299.51	-5,554.44	672.76	380.57	292.19	2.302	
11,900.00	7,030.50	11,937.70	7,164.94	151.52	150.79	-101.53	298.90	-5,654.43	672.87	374.96	297.91	2.259	
12,000.00	7,030.21	12,037.70	7,165.23	154.45	153.73	-101.57	298.29	-5,754.43	672.98	369.35	303.63	2.216	
12,100.00	7,029.92	12,137.70	7,165.53	157.39	156.67	-101.62	297.68	-5,854.43	673.09	363.73	309.36	2.176	
12,200.00	7,029.64	12,237.70	7,165.82	160.32	159.61	-101.67	297.08	-5,954.42	673.20	358.12	315.08	2.137	
12,300.00	7,029.35	12,337.69	7,166.12	163.26	162.55	-101.72	296.47	-6,054.42	673.32	352.51	320.80	2.099	
12,400.00	7,029.07	12,437.69	7,166.42	166.19	165.49	-101.77	295.86	-6,154.41	673.43	346.90	326.53	2.062	
12,500.00	7,028.78	12,537.69	7,166.71	169.13	168.43	-101.82	295.26	-6,254.41	673.54	341.29	332.25	2.027	
12,600.00	7,028.50	12,637.69	7,167.01	172.06	171.37	-101.86	294.65	-6,354.41	673.66	335.69	337.97	1.993	
12,700.00	7,028.21	12,737.69	7,167.30	175.00	174.31	-101.91	294.04	-6,454.40	673.77	330.08	343.69	1.960	
12,800.00	7,027.93	12,837.69	7,167.60	177.94	177.25	-101.96	293.44	-6,554.40	673.88	324.48	349.41	1.929	
12,900.00	7,027.64	12,937.68	7,167.89	180.88	180.20	-102.01	292.83	-6,654.39	674.00	318.87	355.13	1.898	
13,000.00	7,027.36	13,037.68	7,168.19	183.82	183.14	-102.06	292.22	-6,754.39	674.12	313.27	360.85	1.868	

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							
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
13,100.00	7,027.07	13,137.68	7,168.48	186.76	186.08	-102.11	291.61	-6,854.39	674.23	307.67	366.56	1.839	
13,200.00	7,026.79	13,237.68	7,168.78	189.70	189.03	-102.15	291.01	-6,954.38	674.35	302.07	372.28	1.811	
13,300.00	7,026.50	13,337.68	7,169.07	192.65	191.97	-102.20	290.40	-7,054.38	674.47	296.47	377.99	1.784	
13,400.00	7,026.22	13,437.68	7,169.37	195.59	194.92	-102.25	289.79	-7,154.37	674.58	290.87	383.71	1.758	
13,500.00	7,025.93	13,537.67	7,169.66	198.53	197.87	-102.30	289.19	-7,254.37	674.70	285.28	389.42	1.733	
13,600.00	7,025.65	13,637.67	7,169.96	201.48	200.81	-102.35	288.58	-7,354.37	674.82	279.69	395.13	1.708	
13,700.00	7,025.36	13,737.67	7,170.25	204.42	203.76	-102.40	287.97	-7,454.36	674.94	274.10	400.84	1.684	
13,800.00	7,025.08	13,837.67	7,170.55	207.37	206.71	-102.44	287.36	-7,554.36	675.06	268.51	406.55	1.660	
13,900.00	7,024.79	13,937.67	7,170.85	210.31	209.66	-102.49	286.76	-7,654.35	675.18	262.92	412.26	1.638	
14,000.00	7,024.51	14,037.67	7,171.14	213.26	212.61	-102.54	286.15	-7,754.35	675.30	257.33	417.97	1.616	
14,100.00	7,024.22	14,137.66	7,171.44	216.20	215.55	-102.59	285.54	-7,854.35	675.42	251.75	423.67	1.594	
14,200.00	7,023.94	14,237.66	7,171.73	219.15	218.50	-102.64	284.94	-7,954.34	675.54	246.17	429.37	1.573	
14,300.00	7,023.65	14,337.66	7,172.03	222.10	221.45	-102.69	284.33	-8,054.34	675.66	240.59	435.07	1.553	
14,400.00	7,023.37	14,437.66	7,172.32	225.05	224.40	-102.73	283.72	-8,154.33	675.79	235.01	440.77	1.533	
14,500.00	7,023.08	14,537.66	7,172.62	227.99	227.35	-102.78	283.12	-8,254.33	675.91	229.44	446.47	1.514	
14,600.00	7,022.80	14,637.66	7,172.91	230.94	230.30	-102.83	282.51	-8,354.33	676.03	223.86	452.17	1.495	Level 3
14,700.00	7,022.51	14,737.65	7,173.21	233.89	233.25	-102.88	281.90	-8,454.32	676.16	218.29	457.87	1.477	Level 3
14,800.00	7,022.23	14,837.65	7,173.50	236.84	236.21	-102.93	281.29	-8,554.32	676.28	212.72	463.56	1.459	Level 3
14,900.00	7,021.94	14,937.65	7,173.80	239.79	239.16	-102.97	280.69	-8,654.31	676.41	207.16	469.25	1.441	Level 3
15,000.00	7,021.66	15,037.65	7,174.09	242.74	242.11	-103.02	280.08	-8,754.31	676.53	201.59	474.94	1.424	Level 3
15,100.00	7,021.37	15,137.65	7,174.39	245.69	245.06	-103.07	279.47	-8,854.31	676.66	196.03	480.63	1.408	Level 3
15,200.00	7,021.09	15,237.65	7,174.68	248.64	248.01	-103.12	278.87	-8,954.30	676.78	190.47	486.31	1.392	Level 3
15,300.00	7,020.80	15,337.64	7,174.98	251.59	250.96	-103.17	278.26	-9,054.30	676.91	184.91	492.00	1.376	Level 3
15,400.00	7,020.52	15,437.64	7,175.28	254.54	253.92	-103.21	277.65	-9,154.30	677.04	179.36	497.68	1.360	Level 3
15,500.00	7,020.23	15,537.64	7,175.57	257.49	256.87	-103.26	277.04	-9,254.29	677.16	173.80	503.36	1.345	Level 3
15,600.00	7,019.94	15,637.64	7,175.87	260.44	259.82	-103.31	276.44	-9,354.29	677.29	168.25	509.04	1.331	Level 3
15,700.00	7,019.66	15,737.64	7,176.16	263.39	262.77	-103.36	275.83	-9,454.28	677.42	162.70	514.72	1.316	Level 3
15,800.00	7,019.37	15,837.64	7,176.46	266.34	265.73	-103.41	275.22	-9,554.28	677.55	157.16	520.39	1.302	Level 3
15,900.00	7,019.09	15,937.63	7,176.75	269.29	268.68	-103.45	274.62	-9,654.28	677.68	151.61	526.07	1.288	Level 3
16,000.00	7,018.80	16,037.63	7,177.05	272.25	271.63	-103.50	274.01	-9,754.27	677.81	146.07	531.74	1.275	Level 3
16,100.00	7,018.52	16,137.63	7,177.34	275.20	274.59	-103.55	273.40	-9,854.27	677.94	140.54	537.41	1.262	Level 3
16,200.00	7,018.23	16,237.63	7,177.64	278.15	277.54	-103.60	272.80	-9,954.26	678.07	135.00	543.07	1.249	Level 2
16,300.00	7,017.95	16,337.63	7,177.93	281.10	280.50	-103.64	272.19	-10,054.26	678.20	129.47	548.74	1.236	Level 2
16,400.00	7,017.66	16,437.63	7,178.23	284.06	283.45	-103.69	271.58	-10,154.26	678.34	123.94	554.40	1.224	Level 2
16,500.00	7,017.38	16,537.62	7,178.52	287.01	286.40	-103.74	270.97	-10,254.25	678.47	118.41	560.06	1.211	Level 2
16,600.00	7,017.09	16,637.62	7,178.82	289.96	289.36	-103.79	270.37	-10,354.25	678.60	112.88	565.72	1.200	Level 2
16,700.00	7,016.81	16,737.62	7,179.11	292.92	292.31	-103.84	269.76	-10,454.24	678.73	107.36	571.38	1.188	Level 2
16,800.00	7,016.52	16,837.62	7,179.41	295.87	295.27	-103.88	269.15	-10,554.24	678.87	101.84	577.03	1.176	Level 2
16,900.00	7,016.24	16,937.62	7,179.70	298.82	298.22	-103.93	268.55	-10,654.24	679.00	96.32	582.68	1.165	Level 2
17,000.00	7,015.95	17,037.61	7,180.00	301.78	301.18	-103.98	267.94	-10,754.23	679.14	90.81	588.33	1.154	Level 2
17,100.00	7,015.67	17,137.61	7,180.30	304.73	304.13	-104.03	267.33	-10,854.23	679.27	85.29	593.98	1.144	Level 2
17,200.00	7,015.38	17,237.61	7,180.59	307.68	307.09	-104.07	266.72	-10,954.22	679.41	79.78	599.62	1.133	Level 2
17,300.00	7,015.10	17,337.61	7,180.89	310.64	310.04	-104.12	266.12	-11,054.22	679.54	74.28	605.27	1.123	Level 2
17,334.43	7,015.00	17,372.04	7,180.99	311.66	311.06	-104.14	265.91	-11,088.65	679.59	72.39	607.21	1.119	Level 2, SF

Offset Design5N-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						
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	
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
300.00	300.00	300.40	300.40	3.35	3.35	-144.20	-39.82	-0.64	40.18	32.52	7.65	5.249	
400.00	399.93	401.20	401.13	3.41	3.41	-143.00	-37.76	-3.53	41.01	33.22	7.78	5.270	
500.00	499.68	501.97	501.64	3.50	3.50	-140.74	-33.66	-9.30	42.71	34.76	7.95	5.371	
600.00	599.13	602.67	601.78	3.62	3.62	-137.68	-27.51	-17.95	45.38	37.21	8.17	5.552	
700.00	698.15	702.71	700.99	3.76	3.76	-135.33	-20.04	-28.47	49.59	41.14	8.46	5.865	
800.00	796.65	802.49	799.92	3.93	3.92	-135.78	-12.54	-39.01	56.21	47.43	8.79	6.396	
900.00	894.97	902.21	898.80	4.14	4.11	-136.80	-5.05	-49.55	63.55	54.39	9.16	6.936	
1,000.00	993.30	1,001.94	997.69	4.37	4.31	-137.61	2.44	-60.09	70.90	61.33	9.57	7.407	
1,100.00	1,091.62	1,101.66	1,096.57	4.62	4.53	-138.27	9.93	-70.63	78.27	68.25	10.01	7.815	
1,200.00	1,189.95	1,201.39	1,195.45	4.89	4.76	-138.82	17.42	-81.17	85.64	75.15	10.48	8.168	
1,300.00	1,288.28	1,301.11	1,294.34	5.18	5.01	-139.27	24.91	-91.71	93.02	82.04	10.98	8.473	
1,400.00	1,386.60	1,400.84	1,393.22	5.48	5.26	-139.67	32.40	-102.25	100.40	88.91	11.49	8.737	
1,500.00	1,484.93	1,500.56	1,492.10	5.78	5.53	-140.00	39.89	-112.79	107.79	95.77	12.02	8.966	
1,600.00	1,583.25	1,600.29	1,590.98	6.10	5.80	-140.30	47.38	-123.33	115.18	102.61	12.57	9.165	
1,700.00	1,681.58	1,700.01	1,689.87	6.43	6.08	-140.56	54.87	-133.87	122.57	109.45	13.13	9.338	
1,800.00	1,779.90	1,800.26	1,788.75	6.61	6.23	-140.79	62.36	-144.41	129.97	116.92	13.05	9.962	
1,900.00	1,878.23	1,900.54	1,887.63	6.66	6.26	-140.99	69.85	-154.95	137.36	124.26	13.10	10.485	
2,000.00	1,976.55	1,999.19	1,986.52	6.72	6.31	-141.17	77.34	-165.49	144.76	131.57	13.19	10.974	
2,100.00	2,074.88	2,101.09	2,085.40	6.82	6.38	-141.34	84.83	-176.03	152.16	138.84	13.32	11.424	
2,200.00	2,173.20	2,201.36	2,184.28	6.93	6.46	-141.49	92.32	-186.57	159.57	146.08	13.48	11.836	
2,300.00	2,271.53	2,301.64	2,283.17	7.06	6.56	-141.63	99.81	-197.11	166.97	153.29	13.68	12.209	
2,400.00	2,369.86	2,401.91	2,382.05	7.21	6.68	-141.75	107.30	-207.65	174.37	160.47	13.90	12.542	
2,500.00	2,468.18	2,502.19	2,480.93	7.37	6.81	-141.87	114.79	-218.19	181.78	167.62	14.16	12.838	
2,600.00	2,566.51	2,602.46	2,579.81	7.56	6.96	-141.97	122.28	-228.73	189.18	174.74	14.45	13.097	
2,700.00	2,664.83	2,702.74	2,678.70	7.75	7.12	-142.07	129.77	-239.27	196.59	181.83	14.76	13.321	
2,800.00	2,763.16	2,803.01	2,777.58	7.97	7.29	-142.16	137.26	-249.81	203.99	188.90	15.09	13.515	
2,900.00	2,861.48	2,903.29	2,876.46	8.19	7.47	-142.25	144.75	-260.35	211.40	195.94	15.45	13.679	
3,000.00	2,959.81	2,996.44	2,975.35	8.43	7.65	-142.33	152.24	-270.89	218.81	202.98	15.82	13.829	
3,100.00	3,058.13	3,103.84	3,074.23	8.68	7.86	-142.40	159.73	-281.43	226.21	209.98	16.24	13.931	
3,200.00	3,156.46	3,204.11	3,173.11	8.93	8.07	-142.47	167.22	-291.97	233.62	216.96	16.66	14.025	
3,300.00	3,254.79	3,304.39	3,272.00	9.20	8.29	-142.53	174.71	-302.51	241.03	223.93	17.09	14.100	
3,400.00	3,353.11	3,404.67	3,370.88	9.47	8.52	-142.60	182.20	-313.05	248.44	230.89	17.55	14.158	
3,500.00	3,451.44	3,504.94	3,469.76	9.76	8.76	-142.65	189.69	-323.59	255.84	237.83	18.01	14.202	
3,600.00	3,549.76	3,605.22	3,568.65	10.05	9.00	-142.71	197.18	-334.13	263.25	244.76	18.50	14.233	
3,700.00	3,648.09	3,694.51	3,667.53	10.34	9.22	-142.76	204.68	-344.67	270.66	251.70	18.96	14.274	
3,800.00	3,746.41	3,805.77	3,766.41	10.65	9.50	-142.81	212.17	-355.21	278.07	258.58	19.49	14.265	
3,900.00	3,844.74	3,906.04	3,865.29	10.95	9.75	-142.85	219.66	-365.75	285.48	265.47	20.01	14.269	
4,000.00	3,943.06	4,006.32	3,964.18	11.27	10.02	-142.90	227.15	-376.29	292.89	272.36	20.53	14.265	
4,100.00	4,041.39	4,106.59	4,063.06	11.58	10.28	-142.94	234.64	-386.83	300.30	279.24	21.07	14.256	
4,200.00	4,139.71	4,206.87	4,161.94	11.90	10.56	-142.98	242.13	-397.37	307.71	286.10	21.61	14.242	
4,300.00	4,238.04	4,307.14	4,260.83	12.23	10.83	-143.02	249.62	-407.91	315.12	292.96	22.16	14.223	
4,400.00	4,336.37	4,407.42	4,359.71	12.56	11.11	-143.05	257.11	-418.45	322.53	299.82	22.71	14.201	
4,500.00	4,434.69	4,492.31	4,458.59	12.89	11.35	-143.09	264.60	-428.99	329.94	306.71	23.23	14.202	
4,600.00	4,533.02	4,607.97	4,557.48	13.22	11.67	-143.12	272.09	-439.53	337.35	313.51	23.84	14.149	
4,700.00	4,631.34	4,708.24	4,656.36	13.56	11.96	-143.15	279.58	-450.07	344.76	320.34	24.42	14.120	
4,800.00	4,729.67	4,808.52	4,755.24	13.90	12.25	-143.18	287.07	-460.61	352.17	327.18	25.00	14.089	
4,900.00	4,827.99	4,908.79	4,854.12	14.24	12.54	-143.21	294.56	-471.15	359.58	334.00	25.58	14.057	
5,000.00	4,926.32	5,009.07	4,953.01	14.59	12.84	-143.24	302.05	-481.69	366.99	340.82	26.17	14.024	
5,100.00	5,024.64	5,109.34	5,051.89	14.94	13.13	-143.26	309.54	-492.23	374.40	347.64	26.76	13.990	
5,200.00	5,122.97	5,209.62	5,150.77	15.29	13.43	-143.29	317.03	-502.77	381.81	354.46	27.36	13.956	
5,300.00	5,221.29	5,309.89	5,249.66	15.64	13.73	-143.31	324.52	-513.31	389.23	361.27	27.96	13.921	
5,400.00	5,319.62	5,389.83	5,348.54	15.99	13.97	-143.34	332.01	-523.85	396.64	368.13	28.50	13.915	
5,500.00	5,417.95	5,489.56	5,447.42	16.34	14.28	-143.36	339.50	-534.39	404.05	374.94	29.11	13.880	
5,600.00	5,516.27	5,589.28	5,546.31	16.70	14.58	-143.38	346.99	-544.93	411.46	381.74	29.72	13.846	
5,700.00	5,614.60	5,689.01	5,645.19	17.06	14.88	-143.40	354.48	-555.47	418.87	388.54	30.33	13.811	
5,800.00	5,712.92	5,788.73	5,744.07	17.41	15.19	-143.42	361.97	-566.01	426.28	395.34	30.94	13.777	
5,900.00	5,811.25	5,888.46	5,842.96	17.77	15.50	-143.44	369.46	-576.55	433.69	402.13	31.56	13.743	
6,000.00	5,909.57	5,988.18	5,941.84	18.14	15.80	-143.46	376.95	-587.09	441.10	408.93	32.18	13.709	
6,100.00	6,007.90	6,087.91	6,040.72	18.50	16.11	-143.48	384.44	-597.63	448.52	415.72	32.80	13.675	
6,200.00	6,106.22	6,187.63	6,139.60	18.86	16.42	-143.50	391.93	-608.17	455.93	422.51	33.42	13.642	
6,300.00	6,204.55	6,287.36	6,238.49	19.22	16.74	-143.52	399.42	-618.71	463.34	429.29	34.05	13.609	
6,400.00	6,302.88	6,387.08	6,337.37	19.59	17.05	-143.53	406.91	-629.25	470.75	436.08	34.67	13.577	

Offset Design5N-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
6,500.00	6,401.20	6,486.21	6,435.50	19.95	17.37	-143.39	414.35	-641.01	478.19	442.87	35.32	13.538	
6,600.00	6,499.49	6,582.59	6,528.63	20.32	17.76	-134.26	421.45	-664.40	486.06	449.88	36.18	13.434	
6,700.00	6,595.97	6,676.02	6,614.56	20.73	18.27	-111.23	428.04	-700.27	494.37	457.15	37.22	13.282	
6,800.00	6,687.96	6,767.36	6,692.63	21.24	18.88	-100.37	434.08	-747.15	502.66	464.20	38.46	13.071	
6,900.00	6,773.19	6,856.91	6,761.90	21.88	19.64	-93.91	439.48	-803.52	510.58	470.67	39.91	12.792	
7,000.00	6,849.58	6,944.96	6,821.67	22.67	20.55	-89.55	444.19	-867.91	517.82	476.17	41.64	12.435	
7,100.00	6,915.22	7,031.77	6,871.37	23.64	21.66	-86.44	448.16	-938.89	524.07	480.37	43.70	11.992	
7,200.00	6,968.52	7,117.61	6,910.60	24.83	22.94	-84.20	451.36	-1,015.10	529.09	482.97	46.11	11.473	
7,300.00	7,008.15	7,202.70	6,939.06	26.26	24.40	-82.68	453.76	-1,095.19	532.68	483.79	48.89	10.896	
7,400.00	7,033.14	7,287.28	6,956.55	27.92	26.02	-81.76	455.34	-1,177.86	534.69	482.68	52.00	10.282	
7,500.00	7,042.87	7,371.55	6,962.96	29.76	27.74	-81.40	456.09	-1,261.82	535.03	479.67	55.36	9.664	
7,600.00	7,042.76	7,470.14	6,962.86	31.74	29.89	-81.40	456.39	-1,360.41	534.14	474.56	59.58	8.965	
7,700.00	7,042.47	7,570.14	6,962.71	33.87	32.18	-81.40	456.69	-1,460.41	533.22	469.12	64.10	8.318	
7,800.00	7,042.19	7,670.13	6,962.55	36.12	34.57	-81.40	457.00	-1,560.40	532.29	463.46	68.83	7.734	
7,900.00	7,041.90	7,770.13	6,962.40	38.48	37.05	-81.40	457.30	-1,660.40	531.37	457.65	73.72	7.208	
8,000.00	7,041.62	7,870.12	6,962.25	40.91	39.59	-81.40	457.60	-1,760.39	530.44	451.70	78.74	6.736	
8,100.00	7,041.33	7,970.12	6,962.10	43.42	42.19	-81.40	457.91	-1,860.39	529.52	445.64	83.88	6.313	
8,200.00	7,041.05	8,070.12	6,961.94	45.98	44.84	-81.39	458.21	-1,960.38	528.59	439.49	89.10	5.932	
8,300.00	7,040.76	8,170.11	6,961.79	48.59	47.52	-81.39	458.51	-2,060.38	527.67	433.26	94.40	5.589	
8,400.00	7,040.48	8,270.11	6,961.64	51.24	50.24	-81.39	458.82	-2,160.37	526.74	426.97	99.77	5.280	
8,500.00	7,040.19	8,370.10	6,961.48	53.92	52.98	-81.39	459.12	-2,260.37	525.81	420.63	105.18	4.999	
8,600.00	7,039.90	8,470.10	6,961.33	56.63	55.75	-81.39	459.42	-2,360.36	524.89	414.24	110.65	4.744	
8,700.00	7,039.62	8,570.09	6,961.18	59.37	58.53	-81.39	459.73	-2,460.36	523.96	407.82	116.15	4.511	
8,800.00	7,039.33	8,670.09	6,961.03	62.13	61.33	-81.39	460.03	-2,560.35	523.04	401.35	121.68	4.298	
8,900.00	7,039.05	8,770.09	6,960.87	64.90	64.15	-81.39	460.33	-2,660.35	522.11	394.86	127.25	4.103	
9,000.00	7,038.76	8,870.08	6,960.72	67.70	66.98	-81.39	460.64	-2,760.34	521.19	388.35	132.84	3.923	
9,100.00	7,038.48	8,970.08	6,960.57	70.50	69.82	-81.39	460.94	-2,860.34	520.26	381.81	138.45	3.758	
9,200.00	7,038.19	9,070.07	6,960.42	73.32	72.67	-81.39	461.24	-2,960.33	519.34	375.25	144.09	3.604	
9,300.00	7,037.91	9,170.07	6,960.26	76.15	75.53	-81.39	461.55	-3,060.33	518.41	368.67	149.74	3.462	
9,400.00	7,037.62	9,270.06	6,960.11	78.99	78.40	-81.39	461.85	-3,160.32	517.49	362.08	155.40	3.330	
9,500.00	7,037.34	9,370.06	6,959.96	81.84	81.27	-81.39	462.15	-3,260.32	516.56	355.48	161.08	3.207	
9,600.00	7,037.05	9,470.06	6,959.81	84.70	84.15	-81.39	462.46	-3,360.31	515.63	348.86	166.78	3.092	
9,700.00	7,036.77	9,570.05	6,959.65	87.56	87.04	-81.38	462.76	-3,460.31	514.71	342.23	172.48	2.984	
9,800.00	7,036.48	9,670.05	6,959.50	90.43	89.93	-81.38	463.06	-3,560.31	513.78	335.59	178.20	2.883	
9,900.00	7,036.20	9,770.04	6,959.35	93.30	92.82	-81.38	463.37	-3,660.30	512.86	328.94	183.92	2.788	
10,000.00	7,035.91	9,870.04	6,959.19	96.19	95.72	-81.38	463.67	-3,760.30	511.93	322.28	189.65	2.699	
10,100.00	7,035.63	9,970.03	6,959.04	99.07	98.63	-81.38	463.97	-3,860.29	511.01	315.61	195.39	2.615	
10,200.00	7,035.34	10,070.03	6,958.89	101.96	101.53	-81.38	464.28	-3,960.29	510.08	308.94	201.14	2.536	
10,300.00	7,035.06	10,170.03	6,958.74	104.86	104.44	-81.38	464.58	-4,060.28	509.16	302.26	206.89	2.461	
10,400.00	7,034.77	10,270.02	6,958.58	107.75	107.36	-81.38	464.89	-4,160.28	508.23	295.58	212.65	2.390	
10,500.00	7,034.49	10,370.02	6,958.43	110.66	110.27	-81.38	465.19	-4,260.27	507.31	288.89	218.42	2.323	
10,600.00	7,034.20	10,470.01	6,958.28	113.56	113.19	-81.38	465.49	-4,360.27	506.38	282.19	224.19	2.259	
10,700.00	7,033.92	10,570.01	6,958.13	116.47	116.11	-81.38	465.80	-4,460.26	505.46	275.49	229.96	2.198	
10,800.00	7,033.63	10,670.00	6,957.97	119.38	119.04	-81.38	466.10	-4,560.26	504.53	268.79	235.74	2.140	
10,900.00	7,033.35	10,770.00	6,957.82	122.29	121.96	-81.38	466.40	-4,660.25	503.60	262.08	241.53	2.085	
11,000.00	7,033.06	10,870.00	6,957.67	125.21	124.89	-81.38	466.71	-4,760.25	502.68	255.37	247.31	2.033	
11,100.00	7,032.78	10,969.99	6,957.52	128.12	127.82	-81.37	467.01	-4,860.24	501.75	248.65	253.10	1.982	
11,200.00	7,032.49	11,069.99	6,957.36	131.04	130.75	-81.37	467.31	-4,960.24	500.83	241.93	258.90	1.934	
11,300.00	7,032.21	11,169.98	6,957.21	133.96	133.68	-81.37	467.62	-5,060.23	499.90	235.21	264.69	1.889	
11,400.00	7,031.92	11,269.98	6,957.06	136.89	136.61	-81.37	467.92	-5,160.23	498.98	228.49	270.49	1.845	
11,500.00	7,031.64	11,369.97	6,956.90	139.81	139.55	-81.37	468.22	-5,260.22	498.05	221.76	276.29	1.803	
11,600.00	7,031.35	11,469.97	6,956.75	142.74	142.48	-81.37	468.53	-5,360.22	497.13	215.03	282.10	1.762	
11,700.00	7,031.07	11,569.97	6,956.60	145.66	145.42	-81.37	468.83	-5,460.21	496.20	208.30	287.90	1.724	
11,800.00	7,030.78	11,669.96	6,956.45	148.59	148.36	-81.37	469.13	-5,560.21	495.28	201.56	293.71	1.686	
11,900.00	7,030.50	11,769.96	6,956.29	151.52	151.30	-81.37	469.44	-5,660.20	494.35	194.83	299.52	1.650	
12,000.00	7,030.21	11,869.95	6,956.14	154.45	154.24	-81.37	469.74	-5,760.20	493.42	188.09	305.33	1.616	
12,100.00	7,029.92	11,969.95	6,955.99	157.39	157.18	-81.37	470.04	-5,860.19	492.50	181.35	311.15	1.583	
12,200.00	7,029.64	12,069.94	6,955.84	160.32	160.12	-81.37	470.35	-5,960.19	491.57	174.61	316.97	1.551	
12,300.00	7,029.35	12,169.94	6,955.68	163.26	163.06	-81.37	470.65	-6,060.18	490.65	167.87	322.78	1.520	
12,400.00	7,029.07	12,269.94	6,955.53	166.19	166.00	-81.36	470.95	-6,160.18	489.72	161.12	328.60	1.490 Level 3	
12,500.00	7,028.78	12,369.93	6,955.38	169.13	168.95	-81.36	471.26	-6,260.17	488.80	154.37	334.42	1.462 Level 3	
12,600.00	7,028.50	12,469.93	6,955.23	172.06	171.89	-81.36	471.56	-6,360.17	487.87	147.63	340.25	1.434 Level 3	
12,700.00	7,028.21	12,569.92	6,955.07	175.00	174.84	-81.36	471.86	-6,460.16	486.95	140.88	346.07	1.407 Level 3	
12,800.00	7,027.93	12,669.92	6,954.92	177.94	177.78	-81.36	472.17	-6,560.16	486.02	134.13	351.89	1.381 Level 3	
12,900.00	7,027.64	12,769.92	6,954.77	180.88	180.73	-81.36	472.47	-6,660.15	485.10	127.38	357.72	1.356 Level 3	
13,000.00	7,027.36	12,869.91	6,954.61	183.82	183.68	-81.36	472.78	-6,760.15	484.17	120.62	363.55	1.332 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
13,100.00	7,027.07	12,969.91	6,954.46	186.76	186.63	-81.36	473.08	-6,860.14	483.24	113.87	369.37	1.308	Level 3
13,200.00	7,026.79	13,069.90	6,954.31	189.70	189.57	-81.36	473.38	-6,960.14	482.32	107.12	375.20	1.285	Level 3
13,300.00	7,026.50	13,169.90	6,954.16	192.65	192.52	-81.36	473.69	-7,060.14	481.39	100.36	381.03	1.263	Level 3
13,400.00	7,026.22	13,269.89	6,954.00	195.59	195.47	-81.36	473.99	-7,160.13	480.47	93.60	386.86	1.242	Level 2
13,500.00	7,025.93	13,369.89	6,953.85	198.53	198.42	-81.36	474.29	-7,260.13	479.54	86.85	392.70	1.221	Level 2
13,600.00	7,025.65	13,469.89	6,953.70	201.48	201.37	-81.36	474.60	-7,360.12	478.62	80.09	398.53	1.201	Level 2
13,700.00	7,025.36	13,569.88	6,953.55	204.42	204.32	-81.35	474.90	-7,460.12	477.69	73.33	404.36	1.181	Level 2
13,800.00	7,025.08	13,669.88	6,953.39	207.37	207.27	-81.35	475.20	-7,560.11	476.77	66.57	410.20	1.162	Level 2
13,900.00	7,024.79	13,769.87	6,953.24	210.31	210.22	-81.35	475.51	-7,660.11	475.84	59.81	416.03	1.144	Level 2
14,000.00	7,024.51	13,869.87	6,953.09	213.26	213.18	-81.35	475.81	-7,760.10	474.92	53.05	421.87	1.126	Level 2
14,100.00	7,024.22	13,969.86	6,952.94	216.20	216.13	-81.35	476.11	-7,860.10	473.99	46.29	427.70	1.108	Level 2
14,200.00	7,023.94	14,069.86	6,952.78	219.15	219.08	-81.35	476.42	-7,960.09	473.07	39.53	433.54	1.091	Level 2
14,300.00	7,023.65	14,169.86	6,952.63	222.10	222.03	-81.35	476.72	-8,060.09	472.14	32.76	439.38	1.075	Level 2
14,400.00	7,023.37	14,269.85	6,952.48	225.05	224.98	-81.35	477.02	-8,160.08	471.21	26.00	445.22	1.058	Level 2
14,500.00	7,023.08	14,369.85	6,952.32	227.99	227.94	-81.35	477.33	-8,260.08	470.29	19.23	451.05	1.043	Level 2
14,600.00	7,022.80	14,469.84	6,952.17	230.94	230.89	-81.35	477.63	-8,360.07	469.36	12.47	456.89	1.027	Level 2
14,700.00	7,022.51	14,569.84	6,952.02	233.89	233.84	-81.35	477.93	-8,460.07	468.44	5.71	462.73	1.012	Level 2
14,800.00	7,022.23	14,669.83	6,951.87	236.84	236.80	-81.35	478.24	-8,560.06	467.51	-1.06	468.57	0.998	Level 1
14,900.00	7,021.94	14,769.83	6,951.71	239.79	239.75	-81.34	478.54	-8,660.06	466.59	-7.83	474.41	0.984	Level 1
15,000.00	7,021.66	14,869.83	6,951.56	242.74	242.71	-81.34	478.84	-8,760.05	465.66	-14.59	480.26	0.970	Level 1
15,100.00	7,021.37	14,969.82	6,951.41	245.69	245.66	-81.34	479.15	-8,860.05	464.74	-21.36	486.10	0.956	Level 1
15,200.00	7,021.09	15,069.82	6,951.26	248.64	248.62	-81.34	479.45	-8,960.04	463.81	-28.13	491.94	0.943	Level 1
15,300.00	7,020.80	15,169.81	6,951.10	251.59	251.57	-81.34	479.75	-9,060.04	462.89	-34.90	497.78	0.930	Level 1
15,400.00	7,020.52	15,269.81	6,950.95	254.54	254.53	-81.34	480.06	-9,160.03	461.96	-41.66	503.62	0.917	Level 1
15,500.00	7,020.23	15,369.80	6,950.80	257.49	257.48	-81.34	480.36	-9,260.03	461.03	-48.43	509.47	0.905	Level 1
15,600.00	7,019.94	15,469.80	6,950.65	260.44	260.44	-81.34	480.67	-9,360.02	460.11	-55.20	515.31	0.893	Level 1
15,700.00	7,019.66	15,569.80	6,950.49	263.39	263.39	-81.34	480.97	-9,460.02	459.18	-61.97	521.16	0.881	Level 1
15,800.00	7,019.37	15,669.79	6,950.34	266.34	266.35	-81.34	481.27	-9,560.01	458.26	-68.74	527.00	0.870	Level 1
15,900.00	7,019.09	15,769.79	6,950.19	269.29	269.31	-81.34	481.58	-9,660.01	457.33	-75.51	532.84	0.858	Level 1
16,000.00	7,018.80	15,869.78	6,950.04	272.25	272.26	-81.34	481.88	-9,760.00	456.41	-82.28	538.69	0.847	Level 1
16,100.00	7,018.52	15,969.78	6,949.88	275.20	275.22	-81.33	482.18	-9,860.00	455.48	-89.05	544.53	0.836	Level 1
16,200.00	7,018.23	16,069.77	6,949.73	278.15	278.18	-81.33	482.49	-9,959.99	454.56	-95.82	550.38	0.826	Level 1
16,300.00	7,017.95	16,169.77	6,949.58	281.10	281.13	-81.33	482.79	-10,059.99	453.63	-102.59	556.23	0.816	Level 1
16,400.00	7,017.66	16,269.77	6,949.42	284.06	284.09	-81.33	483.09	-10,159.98	452.71	-109.37	562.07	0.805	Level 1
16,500.00	7,017.38	16,369.76	6,949.27	287.01	287.05	-81.33	483.40	-10,259.98	451.78	-116.14	567.92	0.796	Level 1
16,600.00	7,017.09	16,469.76	6,949.12	289.96	290.00	-81.33	483.70	-10,359.97	450.86	-122.91	573.76	0.786	Level 1
16,700.00	7,016.81	16,569.75	6,948.97	292.92	292.96	-81.33	484.00	-10,459.97	449.93	-129.68	579.61	0.776	Level 1
16,800.00	7,016.52	16,669.75	6,948.81	295.87	295.92	-81.33	484.31	-10,559.97	449.00	-136.45	585.46	0.767	Level 1
16,900.00	7,016.24	16,769.74	6,948.66	298.82	298.88	-81.33	484.61	-10,659.96	448.08	-143.23	591.31	0.758	Level 1
17,000.00	7,015.95	16,869.74	6,948.51	301.78	301.84	-81.33	484.91	-10,759.96	447.15	-150.00	597.15	0.749	Level 1
17,100.00	7,015.67	16,969.74	6,948.36	304.73	304.79	-81.33	485.22	-10,859.95	446.23	-156.77	603.00	0.740	Level 1
17,200.00	7,015.38	17,069.73	6,948.20	307.68	307.75	-81.32	485.52	-10,959.95	445.30	-163.55	608.85	0.731	Level 1
17,300.00	7,015.10	17,169.73	6,948.05	310.64	310.71	-81.32	485.82	-11,059.94	444.38	-170.32	614.70	0.723	Level 1
17,334.43	7,015.00	17,204.16	6,948.00	311.66	311.73	-81.32	485.93	-11,094.37	444.06	-172.65	616.71	0.720	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								
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	-159.92	-1.11	159.93						
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-159.92	-1.11	159.93	152.40	7.53	21.246			
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-159.92	-1.11	159.93	152.36	7.57	21.130			
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-159.92	-1.11	159.93	152.36	7.57	21.130	CC, ES		
300.00	300.00	298.14	298.14	3.35	3.34	-144.33	-160.20	-1.41	160.57	152.92	7.65	20.986	SF		
400.00	399.93	394.23	394.16	3.41	3.40	-144.13	-162.41	-3.76	165.72	157.95	7.77	21.329			
500.00	499.68	489.74	489.46	3.50	3.47	-143.78	-166.79	-8.42	176.00	168.06	7.93	22.184			
600.00	599.13	584.33	583.57	3.62	3.57	-143.30	-173.26	-15.32	191.36	183.21	8.14	23.500			
700.00	698.15	679.06	677.48	3.76	3.70	-142.78	-181.78	-24.39	211.63	203.23	8.40	25.191			
800.00	796.65	776.27	773.74	3.93	3.85	-142.70	-191.04	-34.25	235.09	226.37	8.72	26.962			
900.00	894.97	873.28	869.81	4.14	4.04	-142.95	-200.28	-44.09	259.30	250.24	9.06	28.608			
1,000.00	993.30	970.30	965.89	4.37	4.24	-143.15	-209.52	-53.93	283.52	274.08	9.45	30.016			
1,100.00	1,091.62	1,067.32	1,061.96	4.62	4.46	-143.32	-218.77	-63.78	307.75	297.89	9.86	31.212			
1,200.00	1,189.95	1,164.34	1,158.03	4.89	4.70	-143.47	-228.01	-73.62	331.97	321.67	10.30	32.224			
1,300.00	1,288.28	1,261.36	1,254.11	5.18	4.95	-143.60	-237.25	-83.46	356.20	345.43	10.77	33.078			
1,400.00	1,386.60	1,358.37	1,350.18	5.48	5.21	-143.71	-246.50	-93.30	380.43	369.17	11.26	33.797			
1,500.00	1,484.93	1,455.39	1,446.25	5.78	5.48	-143.81	-255.74	-103.15	404.66	392.90	11.76	34.408			
1,600.00	1,583.25	1,552.41	1,542.33	6.10	5.76	-143.89	-264.98	-112.99	428.89	416.61	12.28	34.919			
1,700.00	1,681.58	1,649.43	1,638.40	6.43	6.04	-143.97	-274.22	-122.83	453.13	440.31	12.82	35.352			
1,800.00	1,779.90	1,746.44	1,734.48	6.61	6.27	-144.04	-283.47	-132.67	477.36	464.39	12.97	36.802			
1,900.00	1,878.23	1,843.46	1,830.55	6.66	6.37	-144.10	-292.71	-142.52	501.59	488.67	12.92	38.829			
2,000.00	1,976.55	1,940.48	1,926.62	6.72	6.41	-144.16	-301.95	-152.36	525.83	512.83	13.00	40.450			
2,100.00	2,074.88	2,037.50	2,022.70	6.82	6.47	-144.21	-311.20	-162.20	550.06	536.95	13.11	41.942			
2,200.00	2,173.20	2,134.52	2,118.77	6.93	6.55	-144.26	-320.44	-172.05	574.30	561.03	13.26	43.299			
2,300.00	2,271.53	2,231.53	2,214.84	7.06	6.65	-144.31	-329.68	-181.89	598.53	585.09	13.44	44.520			
2,400.00	2,369.86	2,328.55	2,310.92	7.21	6.76	-144.35	-338.92	-191.73	622.77	609.11	13.66	45.606			
2,500.00	2,468.18	2,425.57	2,406.99	7.37	6.89	-144.38	-348.17	-201.57	647.00	633.11	13.90	46.560			
2,600.00	2,566.51	2,522.59	2,503.06	7.56	7.03	-144.42	-357.41	-211.42	671.24	657.08	14.16	47.390			
2,700.00	2,664.83	2,619.60	2,599.14	7.75	7.19	-144.45	-366.65	-221.26	695.48	681.02	14.46	48.101			
2,800.00	2,763.16	2,716.62	2,695.21	7.97	7.36	-144.48	-375.90	-231.10	719.71	704.94	14.78	48.703			
2,900.00	2,861.48	2,813.64	2,791.29	8.19	7.54	-144.51	-385.14	-240.94	743.95	728.83	15.12	49.205			
3,000.00	2,959.81	2,910.66	2,887.36	8.43	7.73	-144.53	-394.38	-250.79	768.19	752.70	15.48	49.617			
3,100.00	3,058.13	3,007.68	2,983.43	8.68	7.93	-144.56	-403.63	-260.63	792.42	776.56	15.87	49.947			
3,200.00	3,156.46	3,104.69	3,079.51	8.93	8.15	-144.58	-412.87	-270.47	816.66	800.39	16.27	50.205			
3,300.00	3,254.79	3,201.71	3,175.58	9.20	8.37	-144.60	-422.11	-280.32	840.90	824.21	16.68	50.398			
3,400.00	3,353.11	3,298.73	3,271.65	9.47	8.60	-144.63	-431.35	-290.16	865.14	848.02	17.12	50.536			
3,500.00	3,451.44	3,404.25	3,367.73	9.76	8.86	-144.65	-440.60	-300.00	889.37	871.79	17.59	50.570			
3,600.00	3,549.76	3,507.24	3,463.80	10.05	9.12	-144.66	-449.84	-309.84	913.61	895.55	18.06	50.578			
3,700.00	3,648.09	3,589.78	3,559.87	10.34	9.34	-144.68	-459.08	-319.69	937.85	919.34	18.50	50.682			
3,800.00	3,746.41	3,686.80	3,655.95	10.65	9.59	-144.70	-468.33	-329.53	962.09	943.10	18.99	50.661			
3,900.00	3,844.74	3,783.82	3,752.02	10.95	9.86	-144.71	-477.57	-339.37	986.32	966.84	19.49	50.614			
4,000.00	3,943.06	3,880.84	3,848.10	11.27	10.12	-144.73	-486.81	-349.21	1,010.56	990.57	19.99	50.545			
4,100.00	4,041.39	3,977.85	3,944.17	11.58	10.40	-144.74	-496.05	-359.06	1,034.80	1,014.29	20.51	50.457			
4,200.00	4,139.71	4,074.87	4,040.24	11.90	10.67	-144.76	-505.30	-368.90	1,059.04	1,038.01	21.03	50.353			
4,300.00	4,238.04	4,171.89	4,136.32	12.23	10.96	-144.77	-514.54	-378.74	1,083.28	1,061.71	21.56	50.236			
4,400.00	4,336.37	4,268.91	4,232.39	12.56	11.24	-144.78	-523.78	-388.59	1,107.51	1,085.41	22.10	50.108			
4,500.00	4,434.69	4,365.93	4,328.46	12.89	11.53	-144.79	-533.03	-398.43	1,131.75	1,109.11	22.65	49.972			
4,600.00	4,533.02	4,462.94	4,424.54	13.22	11.82	-144.81	-542.27	-408.27	1,155.99	1,132.79	23.20	49.829			
4,700.00	4,631.34	4,559.96	4,520.61	13.56	12.11	-144.82	-551.51	-418.11	1,180.23	1,156.47	23.76	49.681			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-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	-179.54	-139.90	-1.11	139.90					
100.00	100.00	100.00	100.00	3.28	3.28	-179.54	-139.90	-1.11	139.90	132.38	7.53	18.586		
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.90	-1.11	139.90	132.33	7.57	18.485 CC		
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.90	-1.11	139.90	132.33	7.57	18.485 ES		
300.00	300.00	298.72	298.71	3.35	3.34	-144.25	-140.12	-1.47	140.49	132.83	7.65	18.359 SF		
400.00	399.93	395.99	395.92	3.41	3.40	-143.87	-141.87	-4.27	145.14	137.37	7.77	18.675		
500.00	499.68	492.77	492.48	3.50	3.48	-143.19	-145.35	-9.83	154.46	146.52	7.94	19.454		
600.00	599.13	588.77	587.98	3.62	3.58	-142.30	-150.50	-18.08	168.41	160.25	8.15	20.652		
700.00	698.15	686.22	684.66	3.76	3.71	-141.49	-157.00	-28.48	186.47	178.05	8.42	22.139		
800.00	796.65	784.04	781.69	3.93	3.87	-141.39	-163.59	-39.02	207.21	198.46	8.74	23.694		
900.00	894.97	881.70	878.55	4.14	4.05	-141.62	-170.16	-49.54	228.70	219.60	9.10	25.142		
1,000.00	993.30	979.36	975.42	4.37	4.25	-141.81	-176.74	-60.07	250.19	240.70	9.48	26.379		
1,100.00	1,091.62	1,077.02	1,072.29	4.62	4.46	-141.97	-183.31	-70.59	271.68	261.78	9.91	27.428		
1,200.00	1,189.95	1,174.68	1,169.16	4.89	4.70	-142.11	-189.89	-81.12	293.18	282.83	10.35	28.316		
1,300.00	1,288.28	1,272.34	1,266.03	5.18	4.94	-142.23	-196.47	-91.64	314.68	303.85	10.83	29.066		
1,400.00	1,386.60	1,370.00	1,362.89	5.48	5.19	-142.34	-203.04	-102.16	336.18	324.86	11.32	29.698		
1,500.00	1,484.93	1,467.66	1,459.76	5.78	5.45	-142.43	-209.62	-112.69	357.68	345.85	11.83	30.232		
1,600.00	1,583.25	1,565.32	1,556.63	6.10	5.72	-142.51	-216.19	-123.21	379.18	366.82	12.36	30.682		
1,700.00	1,681.58	1,662.98	1,653.50	6.43	6.00	-142.58	-222.77	-133.73	400.68	387.79	12.90	31.063		
1,800.00	1,779.90	1,760.64	1,750.37	6.61	6.20	-142.64	-229.34	-144.26	422.19	409.32	12.87	32.816		
1,900.00	1,878.23	1,858.30	1,847.24	6.66	6.28	-142.70	-235.92	-154.78	443.69	430.72	12.97	34.214		
2,000.00	1,976.55	1,955.96	1,944.10	6.72	6.32	-142.76	-242.50	-165.30	465.19	452.14	13.05	35.638		
2,100.00	2,074.88	2,053.62	2,040.97	6.82	6.38	-142.81	-249.07	-175.83	486.70	473.52	13.17	36.946		
2,200.00	2,173.20	2,151.28	2,137.84	6.93	6.46	-142.85	-255.65	-186.35	508.20	494.88	13.33	38.136		
2,300.00	2,271.53	2,248.94	2,234.71	7.06	6.55	-142.89	-262.22	-196.87	529.71	516.19	13.51	39.205		
2,400.00	2,369.86	2,346.60	2,331.58	7.21	6.66	-142.93	-268.80	-207.40	551.21	537.48	13.73	40.155		
2,500.00	2,468.18	2,444.26	2,428.44	7.37	6.78	-142.96	-275.38	-217.92	572.71	558.74	13.97	40.989		
2,600.00	2,566.51	2,541.92	2,525.31	7.56	6.92	-142.99	-281.95	-228.44	594.22	579.97	14.25	41.712		
2,700.00	2,664.83	2,639.58	2,622.18	7.75	7.07	-143.02	-288.53	-238.97	615.72	601.18	14.55	42.332		
2,800.00	2,763.16	2,737.24	2,719.05	7.97	7.24	-143.05	-295.10	-249.49	637.23	622.36	14.87	42.857		
2,900.00	2,861.48	2,834.90	2,815.92	8.19	7.41	-143.08	-301.68	-260.02	658.74	643.52	15.22	43.293		
3,000.00	2,959.81	2,932.56	2,912.79	8.43	7.60	-143.10	-308.25	-270.54	680.24	664.66	15.58	43.651		
3,100.00	3,058.13	3,030.22	3,009.65	8.68	7.80	-143.13	-314.83	-281.06	701.75	685.78	15.97	43.937		
3,200.00	3,156.46	3,127.88	3,106.52	8.93	8.00	-143.15	-321.41	-291.59	723.25	706.87	16.38	44.161		
3,300.00	3,254.79	3,225.54	3,203.39	9.20	8.22	-143.17	-327.98	-302.11	744.76	727.96	16.80	44.328		
3,400.00	3,353.11	3,323.20	3,300.26	9.47	8.44	-143.19	-334.56	-312.63	766.26	749.02	17.24	44.447		
3,500.00	3,451.44	3,420.86	3,397.13	9.76	8.67	-143.21	-341.13	-323.16	787.77	770.08	17.69	44.524		
3,600.00	3,549.76	3,518.52	3,493.99	10.05	8.91	-143.22	-347.71	-333.68	809.28	791.12	18.16	44.564		
3,700.00	3,648.09	3,616.18	3,590.86	10.34	9.15	-143.24	-354.28	-344.20	830.78	812.14	18.64	44.572		
3,800.00	3,746.41	3,713.84	3,687.73	10.65	9.40	-143.26	-360.86	-354.73	852.29	833.16	19.13	44.553		
3,900.00	3,844.74	3,811.50	3,784.60	10.95	9.65	-143.27	-367.44	-365.25	873.80	854.16	19.63	44.512		
4,000.00	3,943.06	3,909.16	3,881.47	11.27	9.91	-143.28	-374.01	-375.77	895.30	875.16	20.14	44.451		
4,100.00	4,041.39	4,006.81	3,978.34	11.58	10.18	-143.30	-380.59	-386.30	916.81	896.15	20.66	44.374		
4,200.00	4,139.71	4,104.47	4,075.20	11.90	10.45	-143.31	-387.16	-396.82	938.31	917.13	21.19	44.283		
4,300.00	4,238.04	4,202.13	4,172.07	12.23	10.72	-143.32	-393.74	-407.34	959.82	938.10	21.72	44.181		
4,400.00	4,336.37	4,300.21	4,268.94	12.56	10.99	-143.33	-400.32	-417.87	981.33	959.06	22.27	44.067		
4,500.00	4,434.69	4,402.55	4,365.81	12.89	11.29	-143.34	-406.89	-428.39	1,002.83	980.00	22.83	43.924		
4,600.00	4,533.02	4,495.11	4,462.68	13.22	11.55	-143.36	-413.47	-438.92	1,024.34	1,000.97	23.37	43.826		
4,700.00	4,631.34	4,607.23	4,559.54	13.56	11.88	-143.37	-420.04	-449.44	1,045.85	1,021.87	23.97	43.623		
4,800.00	4,729.67	4,709.57	4,656.41	13.90	12.18	-143.38	-426.62	-459.96	1,067.35	1,042.80	24.55	43.468		
4,900.00	4,827.99	4,788.09	4,753.28	14.24	12.42	-143.39	-433.19	-470.49	1,088.86	1,063.79	25.07	43.428		
5,000.00	4,926.32	4,885.75	4,850.15	14.59	12.71	-143.39	-439.77	-481.01	1,110.37	1,084.72	25.65	43.291		
5,100.00	5,024.64	4,983.41	4,947.02	14.94	13.00	-143.40	-446.35	-491.53	1,131.87	1,105.64	26.23	43.152		
5,200.00	5,122.97	5,081.07	5,043.89	15.29	13.30	-143.41	-452.92	-502.06	1,153.38	1,126.57	26.81	43.013		
5,300.00	5,221.29	5,178.73	5,140.75	15.64	13.60	-143.42	-459.50	-512.58	1,174.89	1,147.48	27.40	42.875		
5,400.00	5,319.62	5,276.39	5,237.62	15.99	13.90	-143.43	-466.07	-523.10	1,196.39	1,168.40	27.99	42.736		

Offset Design5N-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				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	3.00	3.00	3.28	3.28	-131.16	-158.47	-181.26	240.77				
100.00	100.00	103.00	103.00	3.28	3.28	-131.16	-158.47	-181.26	240.77	233.24	7.53	31.985	
200.00	200.00	203.00	203.00	3.30	3.30	-131.16	-158.47	-181.26	240.77	233.20	7.57	31.807	CC
204.00	204.00	207.00	207.00	3.30	3.30	-95.91	-158.47	-181.26	240.77	233.20	7.57	31.796	ES
300.00	300.00	299.10	299.09	3.35	3.34	-95.96	-158.63	-181.65	241.24	233.59	7.65	31.527	
400.00	399.93	391.61	391.55	3.41	3.40	-96.41	-159.78	-184.51	244.76	236.99	7.76	31.521	SF
500.00	499.68	483.77	483.51	3.50	3.47	-97.27	-162.04	-190.10	251.74	243.83	7.92	31.801	
600.00	599.13	575.34	574.64	3.62	3.57	-98.45	-165.38	-198.37	262.28	254.18	8.11	32.346	
700.00	698.15	666.11	664.65	3.76	3.69	-99.87	-169.77	-209.23	276.48	268.13	8.35	33.122	
800.00	796.65	755.89	753.26	3.93	3.84	-101.50	-175.16	-222.57	294.38	285.75	8.64	34.086	
900.00	894.97	844.78	840.52	4.14	4.02	-103.09	-181.52	-238.31	315.53	306.56	8.97	35.179	
1,000.00	993.30	932.77	926.33	4.37	4.24	-104.25	-188.80	-256.35	339.53	330.19	9.34	36.350	
1,100.00	1,091.62	1,024.37	1,015.07	4.62	4.51	-105.11	-197.30	-277.37	365.93	356.15	9.77	37.439	
1,200.00	1,189.95	1,120.59	1,108.21	4.89	4.83	-105.87	-206.35	-299.78	392.72	382.45	10.27	38.237	
1,300.00	1,288.28	1,216.81	1,201.34	5.18	5.18	-106.53	-215.41	-322.19	419.58	408.78	10.80	38.844	
1,400.00	1,386.60	1,313.03	1,294.48	5.48	5.55	-107.11	-224.46	-344.61	446.48	435.12	11.36	39.295	
1,500.00	1,484.93	1,409.25	1,387.61	5.78	5.93	-107.62	-233.52	-367.02	473.42	461.47	11.94	39.634	
1,600.00	1,583.25	1,505.47	1,480.75	6.10	6.33	-108.08	-242.57	-389.43	500.38	487.83	12.55	39.873	
1,700.00	1,681.58	1,601.70	1,573.88	6.43	6.74	-108.49	-251.63	-411.85	527.38	514.21	13.17	40.037	
1,800.00	1,779.90	1,697.92	1,667.02	6.61	7.16	-108.87	-260.68	-434.26	554.40	540.93	13.46	41.178	
1,900.00	1,878.23	1,794.14	1,760.15	6.66	7.40	-109.20	-269.74	-456.67	581.44	567.92	13.52	43.010	
2,000.00	1,976.55	1,890.36	1,853.29	6.72	7.48	-109.51	-278.79	-479.09	608.49	594.86	13.64	44.623	
2,100.00	2,074.88	1,986.58	1,946.43	6.82	7.58	-109.79	-287.85	-501.50	635.56	621.77	13.79	46.099	
2,200.00	2,173.20	2,082.80	2,039.56	6.93	7.71	-110.05	-296.91	-523.91	662.64	648.67	13.98	47.404	
2,300.00	2,271.53	2,179.02	2,132.70	7.06	7.86	-110.29	-305.96	-546.32	689.74	675.53	14.21	48.539	
2,400.00	2,369.86	2,275.25	2,225.83	7.21	8.05	-110.51	-315.02	-568.74	716.84	702.37	14.48	49.510	
2,500.00	2,468.18	2,371.47	2,318.97	7.37	8.25	-110.71	-324.07	-591.15	743.96	729.17	14.78	50.323	
2,600.00	2,566.51	2,467.69	2,412.10	7.56	8.48	-110.90	-333.13	-613.56	771.08	755.96	15.12	50.991	
2,700.00	2,664.83	2,563.91	2,505.24	7.75	8.74	-111.08	-342.18	-635.98	798.21	782.72	15.49	51.526	
2,800.00	2,763.16	2,660.13	2,598.37	7.97	9.01	-111.25	-351.24	-658.39	825.35	809.46	15.89	51.941	
2,900.00	2,861.48	2,756.35	2,691.51	8.19	9.29	-111.40	-360.29	-680.80	852.49	836.17	16.32	52.249	
3,000.00	2,959.81	2,852.57	2,784.64	8.43	9.60	-111.54	-369.35	-703.22	879.63	862.87	16.77	52.463	
3,100.00	3,058.13	2,948.80	2,877.78	8.68	9.92	-111.68	-378.40	-725.63	906.79	889.55	17.24	52.596	
3,200.00	3,156.46	3,045.02	2,970.92	8.93	10.25	-111.81	-387.46	-748.04	933.94	916.21	17.74	52.660	
3,300.00	3,254.79	3,141.24	3,064.05	9.20	10.59	-111.93	-396.51	-770.46	961.10	942.85	18.25	52.664	
3,400.00	3,353.11	3,237.46	3,157.19	9.47	10.95	-112.05	-405.57	-792.87	988.27	969.49	18.78	52.618	
3,500.00	3,451.44	3,333.68	3,250.32	9.76	11.31	-112.15	-414.62	-815.28	1,015.44	996.11	19.33	52.531	
3,600.00	3,549.76	3,429.90	3,343.46	10.05	11.69	-112.26	-423.68	-837.69	1,042.61	1,022.71	19.89	52.410	
3,700.00	3,648.09	3,526.12	3,436.59	10.34	12.07	-112.35	-432.73	-860.11	1,069.78	1,049.31	20.47	52.260	
3,800.00	3,746.41	3,622.35	3,529.73	10.65	12.46	-112.45	-441.79	-882.52	1,096.96	1,075.90	21.06	52.088	
3,900.00	3,844.74	3,718.57	3,622.86	10.95	12.85	-112.54	-450.84	-904.93	1,124.14	1,102.48	21.66	51.897	
4,000.00	3,943.06	3,814.79	3,716.00	11.27	13.25	-112.62	-459.90	-927.35	1,151.32	1,129.05	22.27	51.692	
4,100.00	4,041.39	3,911.01	3,809.14	11.58	13.66	-112.70	-468.96	-949.76	1,178.50	1,155.61	22.89	51.477	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-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)	Offset Wellbore Centre +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	-127.41	-138.43	-180.98	227.86				
100.00	100.00	103.00	103.00	3.28	3.28	-127.41	-138.43	-180.98	227.86	220.33	7.53	30.270	
200.00	200.00	203.00	203.00	3.30	3.30	-127.41	-138.43	-180.98	227.86	220.29	7.57	30.101	CC
203.73	203.73	206.73	206.73	3.30	3.30	-92.16	-138.43	-180.98	227.86	220.28	7.57	30.092	ES
300.00	300.00	299.42	299.42	3.35	3.34	-92.21	-138.52	-181.40	228.29	220.64	7.65	29.833	
400.00	399.93	392.56	392.50	3.41	3.40	-92.63	-139.22	-184.44	231.48	223.71	7.77	29.805	SF
500.00	499.68	485.42	485.15	3.50	3.47	-93.44	-140.59	-190.41	237.81	229.89	7.92	30.029	
600.00	599.13	577.80	577.08	3.62	3.57	-94.57	-142.61	-199.25	247.35	239.24	8.11	30.485	
700.00	698.15	669.53	668.03	3.76	3.69	-95.94	-145.27	-210.87	260.19	251.83	8.36	31.141	
800.00	796.65	760.44	757.74	3.93	3.85	-97.50	-148.55	-225.19	276.38	267.73	8.65	31.953	
900.00	894.97	850.63	846.23	4.14	4.04	-98.98	-152.43	-242.13	295.61	286.62	8.99	32.875	
1,000.00	993.30	940.02	933.37	4.37	4.26	-99.98	-156.89	-261.60	317.58	308.20	9.38	33.874	
1,100.00	1,091.62	1,035.45	1,025.92	4.62	4.55	-100.73	-162.09	-284.29	341.33	331.49	9.84	34.698	
1,200.00	1,189.95	1,132.49	1,120.01	4.89	4.87	-101.38	-167.38	-307.41	365.17	354.83	10.35	35.294	
1,300.00	1,288.28	1,229.52	1,214.10	5.18	5.21	-101.96	-172.68	-330.53	389.06	378.17	10.89	35.725	
1,400.00	1,386.60	1,326.56	1,308.19	5.48	5.58	-102.46	-177.97	-353.66	412.98	401.51	11.46	36.021	
1,500.00	1,484.93	1,423.60	1,402.28	5.78	5.96	-102.92	-183.27	-376.78	436.92	424.86	12.06	36.232	
1,600.00	1,583.25	1,520.63	1,496.38	6.10	6.36	-103.32	-188.57	-399.90	460.89	448.21	12.68	36.355	
1,700.00	1,681.58	1,617.67	1,590.47	6.43	6.76	-103.69	-193.86	-423.02	484.88	471.56	13.31	36.421	
1,800.00	1,779.90	1,714.70	1,684.56	6.61	7.15	-104.02	-199.16	-446.15	508.88	495.29	13.59	37.445	
1,900.00	1,878.23	1,811.74	1,778.65	6.66	7.36	-104.32	-204.45	-469.27	532.90	519.27	13.63	39.095	
2,000.00	1,976.55	1,908.78	1,872.74	6.72	7.43	-104.59	-209.75	-492.39	556.93	543.19	13.75	40.515	
2,100.00	2,074.88	2,005.81	1,966.84	6.82	7.53	-104.84	-215.04	-515.52	580.97	567.07	13.91	41.781	
2,200.00	2,173.20	2,102.85	2,060.93	6.93	7.66	-105.08	-220.34	-538.64	605.03	590.92	14.11	42.892	
2,300.00	2,271.53	2,200.11	2,155.02	7.06	7.82	-105.29	-225.64	-561.76	629.09	614.74	14.35	43.847	
2,400.00	2,369.86	2,303.08	2,249.11	7.21	8.02	-105.49	-230.93	-584.89	653.16	638.52	14.64	44.627	
2,500.00	2,468.18	2,406.04	2,343.21	7.37	8.24	-105.67	-236.23	-608.01	677.23	662.27	14.96	45.260	
2,600.00	2,566.51	2,509.00	2,437.30	7.56	8.49	-105.85	-241.52	-631.13	701.31	685.99	15.33	45.759	
2,700.00	2,664.83	2,588.03	2,531.39	7.75	8.69	-106.01	-246.82	-654.25	725.40	709.73	15.67	46.279	
2,800.00	2,763.16	2,685.07	2,625.48	7.97	8.96	-106.16	-252.11	-677.38	749.49	733.41	16.09	46.594	
2,900.00	2,861.48	2,782.10	2,719.57	8.19	9.25	-106.30	-257.41	-700.50	773.59	757.07	16.52	46.817	
3,000.00	2,959.81	2,879.14	2,813.67	8.43	9.55	-106.43	-262.71	-723.62	797.69	780.70	16.99	46.960	
3,100.00	3,058.13	2,976.18	2,907.76	8.68	9.87	-106.55	-268.00	-746.75	821.80	804.32	17.47	47.033	
3,200.00	3,156.46	3,073.21	3,001.85	8.93	10.20	-106.67	-273.30	-769.87	845.90	827.92	17.98	47.047	
3,300.00	3,254.79	3,170.25	3,095.94	9.20	10.54	-106.78	-278.59	-792.99	870.02	851.51	18.51	47.011	
3,400.00	3,353.11	3,267.29	3,190.03	9.47	10.89	-106.89	-283.89	-816.11	894.13	875.08	19.05	46.933	
3,500.00	3,451.44	3,364.32	3,284.13	9.76	11.25	-106.99	-289.18	-839.24	918.25	898.63	19.61	46.821	
3,600.00	3,549.76	3,461.36	3,378.22	10.05	11.62	-107.08	-294.48	-862.36	942.37	922.18	20.19	46.681	
3,700.00	3,648.09	3,558.39	3,472.31	10.34	12.00	-107.17	-299.77	-885.48	966.49	945.71	20.78	46.519	
3,800.00	3,746.41	3,655.43	3,566.40	10.65	12.38	-107.26	-305.07	-908.61	990.61	969.23	21.38	46.338	
3,900.00	3,844.74	3,752.47	3,660.50	10.95	12.78	-107.34	-310.37	-931.73	1,014.74	992.75	21.99	46.143	
4,000.00	3,943.06	3,849.50	3,754.59	11.27	13.17	-107.42	-315.66	-954.85	1,038.87	1,016.25	22.61	45.938	
4,100.00	4,041.39	3,946.54	3,848.68	11.58	13.57	-107.49	-320.96	-977.98	1,062.99	1,039.75	23.25	45.725	
4,200.00	4,139.71	4,043.58	3,942.77	11.90	13.98	-107.56	-326.25	-1,001.10	1,087.13	1,063.24	23.89	45.506	
4,300.00	4,238.04	4,140.61	4,036.86	12.23	14.39	-107.63	-331.55	-1,024.22	1,111.26	1,086.72	24.54	45.283	
4,400.00	4,336.37	4,237.65	4,130.96	12.56	14.81	-107.69	-336.84	-1,047.34	1,135.39	1,110.19	25.20	45.059	
4,500.00	4,434.69	4,334.68	4,225.05	12.89	15.23	-107.75	-342.14	-1,070.47	1,159.53	1,133.66	25.86	44.834	
4,600.00	4,533.02	4,431.72	4,319.14	13.22	15.65	-107.81	-347.44	-1,093.59	1,183.66	1,157.13	26.53	44.609	

Offset Design5N-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							
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	41.97	740.63	666.28	996.51				
100.00	100.00	75.25	75.25	3.28	3.28	42.00	740.38	666.59	996.25	988.90	7.35	135.461	
200.00	200.00	177.29	177.29	3.30	3.29	42.07	739.52	667.57	996.26	988.88	7.39	134.895	
300.00	300.00	288.15	288.13	3.35	3.32	77.43	738.26	667.98	995.58	988.12	7.46	133.521	
400.00	399.93	403.41	403.37	3.41	3.37	77.74	736.22	666.83	992.85	985.28	7.57	131.206	
500.00	499.68	510.37	510.27	3.50	3.43	78.21	734.28	664.02	988.27	980.55	7.71	128.118	
600.00	599.13	607.69	607.52	3.62	3.49	78.80	733.02	660.58	982.81	974.92	7.89	124.501	
700.00	698.15	704.30	704.06	3.76	3.57	79.56	732.36	656.85	976.98	968.86	8.11	120.406	
800.00	796.65	803.30	802.98	3.93	3.66	80.50	731.80	653.04	970.81	962.43	8.38	115.843	
900.00	894.97	898.79	898.41	4.14	3.76	81.41	731.13	649.70	964.88	956.19	8.68	111.112	
1,000.00	993.30	997.24	996.82	4.37	3.87	82.39	730.16	646.73	959.36	950.34	9.02	106.313	
1,100.00	1,091.62	1,095.49	1,095.01	4.62	3.98	83.40	729.05	643.92	954.16	944.76	9.39	101.577	
1,200.00	1,189.95	1,195.96	1,195.43	4.89	4.11	84.43	727.84	640.97	949.16	939.37	9.79	96.940	
1,300.00	1,288.28	1,293.17	1,292.59	5.18	4.24	85.43	726.77	637.98	944.41	934.21	10.21	92.524	
1,400.00	1,386.60	1,391.57	1,390.93	5.48	4.38	86.43	726.10	634.70	940.05	929.40	10.64	88.321	
1,500.00	1,484.93	1,488.38	1,487.69	5.78	4.52	87.40	725.67	631.39	936.06	924.96	11.09	84.376	
1,600.00	1,583.25	1,586.89	1,586.14	6.10	4.67	88.39	725.43	628.01	932.47	920.91	11.56	80.660	
1,700.00	1,681.58	1,690.40	1,689.58	6.43	4.83	89.45	724.80	624.44	928.93	916.89	12.05	77.114	
1,800.00	1,779.90	1,782.42	1,781.56	6.61	4.98	90.42	724.08	621.36	925.69	913.52	12.17	76.082	
1,900.00	1,878.23	1,876.32	1,875.40	6.66	5.14	91.38	724.06	618.53	923.44	911.07	12.37	74.662	
2,000.00	1,976.55	1,976.01	1,975.05	6.72	5.31	92.39	724.40	615.55	921.70	909.10	12.60	73.134	
2,100.00	2,074.88	2,074.46	2,073.46	6.82	5.48	93.41	724.44	612.63	920.12	907.26	12.86	71.547	
2,200.00	2,173.20	2,171.33	2,170.29	6.93	5.65	94.41	724.58	609.83	918.95	905.82	13.14	69.948	
2,300.00	2,271.53	2,271.34	2,270.26	7.06	5.82	95.43	724.90	606.94	918.17	904.73	13.44	68.308	
2,400.00	2,369.86	2,372.00	2,370.86	7.21	6.01	96.44	725.50	603.58	917.43	903.66	13.77	66.640	
2,500.00	2,468.18	2,470.77	2,469.56	7.37	6.19	97.41	726.29	600.03	916.85	902.74	14.11	64.989	
2,600.00	2,566.51	2,568.39	2,567.11	7.56	6.37	98.37	727.12	596.59	916.61	902.15	14.46	63.373	
2,608.01	2,574.38	2,576.18	2,574.90	7.57	6.38	98.44	727.18	596.32	916.61	902.11	14.49	63.243 CC	
2,700.00	2,664.83	2,666.23	2,664.90	7.75	6.55	99.33	727.90	593.31	916.77	901.93	14.84	61.794 ES	
2,800.00	2,763.16	2,763.75	2,762.37	7.97	6.73	100.31	728.62	590.17	917.30	902.08	15.22	60.263	
2,900.00	2,861.48	2,859.82	2,858.39	8.19	6.92	101.26	729.40	587.25	918.30	902.68	15.62	58.798	
3,000.00	2,959.81	2,957.29	2,955.82	8.43	7.10	102.24	730.17	584.60	919.86	903.83	16.03	57.391	
3,100.00	3,058.13	3,057.07	3,055.56	8.68	7.30	103.23	730.92	581.87	921.67	905.22	16.45	56.019	
3,200.00	3,156.46	3,159.16	3,157.61	8.93	7.50	104.26	731.41	578.95	923.55	906.66	16.89	54.675	
3,300.00	3,254.79	3,262.41	3,260.80	9.20	7.70	105.31	731.63	575.58	925.24	907.90	17.34	53.355	
3,400.00	3,353.11	3,358.66	3,356.99	9.47	7.89	106.27	731.86	572.17	926.97	909.18	17.79	52.119	
3,500.00	3,451.44	3,455.22	3,453.50	9.76	8.08	107.23	732.20	569.20	929.45	911.22	18.24	50.965	
3,600.00	3,549.76	3,554.76	3,553.00	10.05	8.28	108.23	732.48	566.11	932.17	913.47	18.70	49.849	
3,700.00	3,648.09	3,651.83	3,650.01	10.34	8.47	109.16	733.20	562.96	935.16	916.00	19.16	48.800	
3,800.00	3,746.41	3,751.04	3,749.17	10.65	8.67	110.11	733.90	559.98	938.63	919.00	19.64	47.804	
3,900.00	3,844.74	3,854.26	3,852.34	10.95	8.88	111.11	734.23	556.58	942.00	921.88	20.12	46.822	
4,000.00	3,943.06	3,955.17	3,953.18	11.27	9.09	112.09	734.50	552.84	945.22	924.62	20.60	45.882	
4,100.00	4,041.39	4,053.58	4,051.52	11.58	9.29	113.04	734.46	549.20	948.65	927.57	21.08	44.999	
4,200.00	4,139.71	4,150.61	4,148.49	11.90	9.49	114.00	734.10	545.77	952.44	930.88	21.56	44.173	
4,300.00	4,238.04	4,246.52	4,244.34	12.23	9.68	114.93	733.95	542.56	956.74	934.70	22.04	43.407	
4,400.00	4,336.37	4,342.11	4,339.89	12.56	9.88	115.85	733.87	539.65	961.61	939.09	22.52	42.697	
4,500.00	4,434.69	4,441.99	4,439.73	12.89	10.09	116.80	733.83	536.82	966.97	943.95	23.01	42.020	
4,600.00	4,533.02	4,549.03	4,546.70	13.22	10.31	117.76	734.36	533.06	971.97	948.45	23.52	41.327	
4,700.00	4,631.34	4,652.21	4,649.77	13.56	10.52	118.63	735.71	528.50	976.42	952.40	24.02	40.648	
4,800.00	4,729.67	4,750.64	4,748.08	13.90	10.72	119.42	737.43	524.01	980.99	956.47	24.52	40.014	
4,900.00	4,827.99	4,848.26	4,845.58	14.24	10.93	120.18	739.46	519.62	985.83	960.82	25.01	39.417	
5,000.00	4,926.32	4,944.42	4,941.65	14.59	11.13	120.95	740.97	515.52	991.06	965.56	25.50	38.862	
5,100.00	5,024.64	5,039.42	5,036.56	14.94	11.32	121.71	742.39	511.82	996.82	970.83	25.99	38.353	
5,200.00	5,122.97	5,133.73	5,130.81	15.29	11.52	122.47	743.68	508.54	1,003.19	976.71	26.48	37.888	
5,300.00	5,221.29	5,228.68	5,225.71	15.64	11.72	123.23	744.70	505.70	1,010.22	983.26	26.97	37.464	
5,400.00	5,319.62	5,325.83	5,322.82	15.99	11.92	124.01	745.67	502.98	1,017.63	990.17	27.46	37.062	
5,500.00	5,417.95	5,423.15	5,420.10	16.34	12.12	124.76	746.96	500.53	1,025.52	997.57	27.95	36.690	
5,600.00	5,516.27	5,530.60	5,527.48	16.70	12.35	125.55	748.88	497.31	1,033.10	1,004.64	28.47	36.289	
5,700.00	5,614.60	5,630.06	5,626.86	17.06	12.56	126.25	750.91	493.72	1,040.25	1,011.28	28.97	35.908	
5,800.00	5,712.92	5,720.02	5,716.77	17.41	12.75	126.90	752.48	491.08	1,048.22	1,018.77	29.45	35.596	
5,900.00	5,811.25	5,818.46	5,815.16	17.77	12.95	127.62	753.72	488.53	1,056.71	1,026.77	29.94	35.290	
6,000.00	5,909.57	5,918.15	5,914.81	18.14	13.16	128.34	754.81	485.89	1,065.32	1,034.88	30.44	34.994	
6,100.00	6,007.90	6,015.59	6,012.21	18.50	13.37	129.03	756.08	483.32	1,074.10	1,043.17	30.94	34.719	
6,200.00	6,106.22	6,109.75	6,106.34	18.86	13.57	129.68	757.38	481.12	1,083.33	1,051.90	31.42	34.475	
6,300.00	6,204.55	6,202.49	6,199.05	19.22	13.76	130.32	758.35	479.38	1,093.19	1,061.29	31.90	34.264	
6,400.00	6,302.88	6,297.18	6,293.73	19.59	13.96	130.97	759.19	478.02	1,103.65	1,071.26	32.39	34.074	

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							
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	6,401.20	6,396.40	6,392.93	19.95	14.17	131.62	760.46	476.79	1,114.42	1,081.53	32.89	33.886	
6,600.00	6,499.49	6,502.69	6,499.18	20.32	14.39	139.72	763.05	475.25	1,125.29	1,091.89	33.41	33.686	SF
6,700.00	6,595.97	6,611.68	6,608.05	20.73	14.62	160.84	767.60	472.96	1,145.90	1,111.96	33.95	33.757	
6,800.00	6,687.96	6,701.83	6,698.06	21.24	14.81	170.05	772.02	470.89	1,181.14	1,146.67	34.47	34.267	

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						Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
0.00	0.00	0.00	0.00	3.28	3.28	43.65	704.20	671.85	973.55					
100.00	100.00	79.69	79.69	3.28	3.28	43.66	704.06	671.83	973.17	965.82	7.35	132.321		
200.00	200.00	178.07	178.07	3.30	3.29	43.66	703.86	671.69	972.93	965.54	7.39	131.731		
300.00	300.00	280.62	280.62	3.35	3.32	78.92	703.96	671.32	972.67	965.21	7.45	130.482		
400.00	399.93	380.89	380.89	3.41	3.36	79.13	703.82	670.85	971.58	964.02	7.56	128.551		
500.00	499.68	480.28	480.28	3.50	3.41	79.56	703.55	670.58	969.90	962.20	7.70	126.004		
600.00	599.13	573.40	573.39	3.62	3.47	80.18	703.30	670.69	967.94	960.07	7.87	123.007		
700.00	698.15	673.00	672.99	3.76	3.54	81.04	703.45	671.07	966.03	957.95	8.09	119.483		
800.00	796.65	772.70	772.69	3.93	3.63	82.12	703.21	671.47	963.60	955.25	8.35	115.447		
900.00	894.97	870.52	870.51	4.14	3.72	83.19	703.02	671.80	961.34	952.70	8.65	111.173		
1,000.00	993.30	968.18	968.17	4.37	3.82	84.25	703.04	672.03	959.51	950.53	8.98	106.829		
1,100.00	1,091.62	1,066.64	1,066.64	4.62	3.93	85.30	703.44	671.98	958.05	948.71	9.35	102.504		
1,200.00	1,189.95	1,174.40	1,174.39	4.89	4.07	86.47	703.35	671.84	956.58	946.84	9.75	98.128		
1,300.00	1,288.28	1,281.85	1,281.81	5.18	4.21	87.76	700.95	671.95	954.32	944.14	10.17	93.814		
1,400.00	1,386.60	1,392.79	1,392.61	5.48	4.36	89.27	695.41	672.85	951.43	940.81	10.62	89.589		
1,500.00	1,484.93	1,506.19	1,505.58	5.78	4.53	91.03	685.82	674.36	947.58	936.49	11.09	85.472		
1,600.00	1,583.25	1,607.80	1,606.40	6.10	4.68	92.84	673.53	676.84	943.40	931.84	11.55	81.660		
1,700.00	1,681.58	1,716.71	1,713.96	6.43	4.85	95.00	656.74	680.43	939.18	927.14	12.04	78.011		
1,800.00	1,779.90	1,830.54	1,825.79	6.61	5.04	97.44	635.87	683.87	934.54	922.36	12.18	76.722		
1,900.00	1,878.23	1,940.67	1,933.11	6.66	5.22	100.04	611.29	686.56	928.99	916.59	12.40	74.932		
2,000.00	1,976.55	2,035.11	2,024.57	6.72	5.39	102.42	587.92	689.21	924.44	911.82	12.62	73.247		
2,100.00	2,074.88	2,130.14	2,116.02	6.82	5.55	104.95	562.29	692.35	921.36	908.50	12.86	71.627		
2,200.00	2,173.20	2,225.10	2,206.88	6.93	5.73	107.60	534.90	695.66	919.89	906.76	13.13	70.072		
2,242.72	2,215.21	2,266.25	2,246.13	6.98	5.81	108.77	522.63	697.03	919.75	906.49	13.25	69.412 CC, ES		
2,300.00	2,271.53	2,322.09	2,299.28	7.06	5.92	110.37	505.59	698.76	920.00	906.58	13.42	68.569		
2,400.00	2,369.86	2,419.61	2,391.32	7.21	6.12	113.30	473.51	701.55	921.58	907.85	13.73	67.129		
2,500.00	2,468.18	2,513.46	2,479.14	7.37	6.32	116.21	440.47	703.87	924.99	910.94	14.05	65.825		
2,600.00	2,566.51	2,581.75	2,542.64	7.56	6.48	118.38	415.48	706.26	931.80	917.45	14.35	64.946		
2,700.00	2,664.83	2,654.47	2,609.79	7.75	6.65	120.73	387.81	709.93	942.68	928.03	14.66	64.325		
2,800.00	2,763.16	2,726.77	2,675.84	7.97	6.83	123.12	358.76	714.52	957.53	942.56	14.96	63.985		
2,900.00	2,861.48	2,798.85	2,741.14	8.19	7.02	125.51	328.71	719.85	976.27	961.00	15.28	63.907		
3,000.00	2,959.81	2,923.13	2,855.06	8.43	7.36	129.35	279.60	726.80	996.01	980.26	15.75	63.242		
3,100.00	3,058.13	2,998.73	2,925.16	8.68	7.57	131.51	251.51	730.38	1,017.44	1,001.35	16.09	63.240 SF		
3,200.00	3,156.46	3,066.70	2,988.12	8.93	7.76	133.39	226.24	734.48	1,042.15	1,025.74	16.41	63.522		
3,300.00	3,254.79	3,145.42	3,060.97	9.20	7.98	135.48	197.00	740.37	1,070.07	1,053.32	16.76	63.852		
3,400.00	3,353.11	3,245.71	3,154.74	9.47	8.27	137.90	162.26	748.06	1,099.41	1,082.22	17.19	63.943		
3,500.00	3,451.44	3,345.93	3,248.44	9.76	8.57	140.24	127.21	753.86	1,128.78	1,111.15	17.63	64.014		
3,600.00	3,549.76	3,442.61	3,338.75	10.05	8.86	142.42	93.01	758.62	1,159.12	1,141.05	18.07	64.153		
3,700.00	3,648.09	3,538.68	3,428.48	10.34	9.16	144.52	58.86	761.93	1,189.69	1,171.19	18.51	64.286		

Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - 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						
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	-49.60	463.76	-544.89	715.66				
100.00	100.00	84.42	84.42	3.28	3.28	-49.60	463.82	-544.96	715.62	708.27	7.35	97.300	
200.00	200.00	183.29	183.29	3.30	3.29	-49.61	463.87	-545.31	715.93	708.54	7.39	96.919	
300.00	300.00	281.37	281.37	3.35	3.32	-14.42	463.76	-546.06	716.01	708.55	7.46	96.043	
400.00	399.93	375.78	375.77	3.41	3.36	-14.55	463.89	-547.16	713.62	706.06	7.56	94.438	
500.00	499.68	480.00	479.97	3.50	3.41	-14.82	463.87	-548.96	708.18	700.48	7.70	91.962	
600.00	599.13	580.67	580.62	3.62	3.48	-15.24	462.89	-550.61	698.71	690.83	7.88	88.687	
700.00	698.15	684.23	684.16	3.76	3.56	-15.78	461.74	-552.07	685.68	677.58	8.09	84.711	
800.00	796.65	781.01	780.92	3.93	3.64	-16.43	460.11	-553.44	669.13	660.79	8.34	80.242	
900.00	894.97	879.95	879.85	4.14	3.74	-17.04	458.87	-554.75	651.91	643.31	8.60	75.787	
1,000.00	993.30	978.47	978.35	4.37	3.85	-17.70	457.46	-556.02	634.64	625.75	8.89	71.379	
1,100.00	1,091.62	1,072.72	1,072.58	4.62	3.96	-18.36	456.28	-557.39	617.69	608.49	9.20	67.151	
1,200.00	1,189.95	1,168.75	1,168.59	4.89	4.08	-19.06	455.44	-559.30	601.47	591.94	9.53	63.108	
1,300.00	1,288.28	1,268.65	1,268.48	5.18	4.21	-19.76	455.26	-560.88	585.42	575.53	9.89	59.199	
1,400.00	1,386.60	1,366.39	1,366.20	5.48	4.35	-20.45	455.15	-562.11	569.22	558.96	10.26	55.471	
1,500.00	1,484.93	1,464.13	1,463.93	5.78	4.49	-21.25	454.72	-563.87	553.38	542.73	10.65	51.959	
1,600.00	1,583.25	1,560.37	1,560.15	6.10	4.64	-22.02	454.80	-565.43	537.79	526.74	11.05	48.660	
1,700.00	1,681.58	1,658.21	1,657.97	6.43	4.79	-22.81	455.39	-567.23	522.76	511.29	11.47	45.578	
1,800.00	1,779.90	1,757.19	1,756.95	6.61	4.95	-23.61	456.33	-568.70	507.71	496.14	11.57	43.882	
1,900.00	1,878.23	1,857.93	1,857.67	6.66	5.11	-24.44	457.46	-569.96	492.66	480.89	11.76	41.877	
2,000.00	1,976.55	1,956.70	1,956.43	6.72	5.28	-25.31	458.29	-570.79	477.22	465.24	11.98	39.841	
2,100.00	2,074.88	2,057.41	2,057.13	6.82	5.45	-26.26	459.19	-571.74	462.00	449.78	12.22	37.818	
2,200.00	2,173.20	2,158.69	2,158.41	6.93	5.62	-27.26	459.76	-571.87	446.04	433.57	12.48	35.753	
2,300.00	2,271.53	2,258.13	2,257.85	7.06	5.79	-28.29	460.40	-571.60	429.92	417.17	12.75	33.720	
2,400.00	2,369.86	2,356.22	2,355.94	7.21	5.96	-29.44	460.57	-571.38	413.78	400.73	13.04	31.725	
2,500.00	2,468.18	2,452.87	2,452.58	7.37	6.13	-30.86	459.70	-571.97	398.12	384.76	13.36	29.806	
2,600.00	2,566.51	2,551.24	2,550.94	7.56	6.31	-32.45	458.66	-572.99	383.06	369.36	13.70	27.966	
2,700.00	2,664.83	2,648.76	2,648.46	7.75	6.50	-34.00	458.50	-573.41	368.08	354.02	14.06	26.186	
2,800.00	2,763.16	2,745.35	2,745.05	7.97	6.68	-35.65	458.66	-574.41	354.05	339.61	14.43	24.527	
2,900.00	2,861.48	2,844.95	2,844.64	8.19	6.87	-37.50	458.70	-575.54	340.41	325.57	14.84	22.940	
3,000.00	2,959.81	2,944.75	2,944.43	8.43	7.06	-39.52	458.54	-576.15	326.60	311.33	15.26	21.396	
3,100.00	3,058.13	3,041.86	3,041.54	8.68	7.24	-41.59	458.72	-576.60	313.15	297.44	15.70	19.940	
3,200.00	3,156.46	3,138.50	3,138.18	8.93	7.43	-43.90	458.63	-577.86	300.91	284.74	16.17	18.614	
3,300.00	3,254.79	3,237.24	3,236.90	9.20	7.63	-46.56	458.08	-579.35	289.35	272.70	16.66	17.373	
3,400.00	3,353.11	3,335.84	3,335.48	9.47	7.82	-49.61	456.56	-580.84	278.37	261.20	17.17	16.214	
3,500.00	3,451.44	3,434.25	3,433.86	9.76	8.01	-53.02	454.48	-582.28	268.19	250.48	17.71	15.146	
3,600.00	3,549.76	3,533.23	3,532.82	10.05	8.21	-56.60	452.79	-583.56	258.86	240.59	18.26	14.173	
3,700.00	3,648.09	3,631.88	3,631.45	10.34	8.40	-60.49	450.85	-584.41	250.21	231.37	18.84	13.281	
3,800.00	3,746.41	3,728.91	3,728.45	10.65	8.59	-64.51	449.09	-585.51	243.05	223.63	19.42	12.512	
3,900.00	3,844.74	3,826.61	3,826.13	10.95	8.79	-68.65	447.75	-587.07	237.57	217.55	20.02	11.868	
4,000.00	3,943.06	3,925.04	3,924.53	11.27	8.99	-73.04	446.17	-588.58	233.44	212.82	20.62	11.322	
4,100.00	4,041.39	4,023.50	4,022.96	11.58	9.19	-77.68	444.10	-589.93	230.81	209.59	21.21	10.880	
4,200.00	4,139.71	4,123.86	4,123.30	11.90	9.39	-82.47	442.38	-590.75	229.12	207.31	21.80	10.509	
4,300.00	4,238.04	4,223.82	4,223.26	12.23	9.59	-87.15	441.58	-591.07	228.12	205.75	22.37	10.197	
4,352.72	4,289.88	4,276.14	4,275.57	12.40	9.69	-89.58	441.39	-591.09	227.97	205.31	22.66	10.059 CC	
4,400.00	4,336.37	4,322.69	4,322.12	12.56	9.79	-91.74	441.28	-591.06	228.11	205.19	22.92	9.954 ES	
4,500.00	4,434.69	4,420.31	4,419.74	12.89	9.98	-96.17	441.16	-591.27	229.64	206.20	23.44	9.798	
4,600.00	4,533.02	4,517.43	4,516.87	13.22	10.18	-100.50	440.77	-591.77	232.99	209.06	23.93	9.736 SF	
4,700.00	4,631.34	4,614.67	4,614.10	13.56	10.38	-104.89	439.35	-592.01	238.33	213.94	24.40	9.768	
4,800.00	4,729.67	4,715.32	4,714.73	13.90	10.58	-109.45	437.77	-591.14	244.54	219.69	24.85	9.842	
4,900.00	4,827.99	4,811.87	4,811.25	14.24	10.78	-113.80	435.78	-589.46	252.15	226.90	25.26	9.984	
5,000.00	4,926.32	4,911.03	4,910.36	14.59	10.97	-118.05	433.69	-587.44	261.13	235.48	25.65	10.180	
5,100.00	5,024.64	5,009.00	5,008.30	14.94	11.17	-121.79	432.18	-586.12	271.21	245.17	26.04	10.415	
5,200.00	5,122.97	5,109.11	5,108.41	15.29	11.38	-125.04	431.54	-585.99	281.92	255.48	26.44	10.661	
5,300.00	5,221.29	5,209.49	5,208.79	15.64	11.58	-127.86	431.88	-586.57	292.72	265.87	26.85	10.901	
5,400.00	5,319.62	5,307.98	5,307.27	15.99	11.79	-130.29	432.69	-587.76	303.84	276.58	27.26	11.146	
5,500.00	5,417.95	5,406.69	5,405.97	16.34	11.99	-132.55	433.55	-588.97	315.44	287.77	27.67	11.400	
5,600.00	5,516.27	5,507.90	5,507.17	16.70	12.20	-134.76	434.80	-589.78	327.06	298.97	28.09	11.643	
5,700.00	5,614.60	5,606.84	5,606.09	17.06	12.40	-136.86	436.37	-590.04	338.71	310.21	28.50	11.885	
5,800.00	5,712.92	5,707.22	5,706.46	17.41	12.60	-138.77	438.33	-590.72	350.45	321.53	28.92	12.117	
5,900.00	5,811.25	5,809.27	5,808.45	17.77	12.81	-140.42	441.15	-592.37	361.82	332.45	29.36	12.322	
6,000.00	5,909.57	5,903.99	5,903.11	18.14	13.01	-141.75	443.57	-594.61	373.67	343.88	29.79	12.543	
6,100.00	6,007.90	6,006.19	6,005.24	18.50	13.22	-143.06	446.20	-597.27	385.73	355.48	30.25	12.751	
6,200.00	6,106.22	6,102.75	6,101.73	18.86	13.42	-144.18	448.74	-600.04	397.91	367.21	30.70	12.962	
6,300.00	6,204.55	6,208.04	6,206.90	19.22	13.64	-145.27	452.08	-603.57	409.69	378.51	31.18	13.140	
6,400.00	6,302.88	6,303.64	6,302.41	19.59	13.84	-146.29	455.39	-606.10	421.33	389.70	31.63	13.322	

Offset Design		5N-66W-07 Offsets - UPRC 7-4H6 - 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 Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
6,500.00	6,401.20	6,396.95	6,395.68	19.95	14.04	-147.38	457.74	-607.46	434.10	402.04	32.06	13.541			
6,600.00	6,499.49	6,488.50	6,487.23	20.32	14.23	-140.80	458.79	-607.89	448.46	415.98	32.48	13.809			
6,700.00	6,595.97	6,579.91	6,578.63	20.73	14.41	-121.30	458.68	-607.26	465.16	432.31	32.85	14.159			
6,800.00	6,687.96	6,672.15	6,670.86	21.24	14.60	-115.09	458.14	-605.89	485.16	451.93	33.24	14.598			
6,900.00	6,773.19	6,753.96	6,752.66	21.88	14.76	-113.17	457.74	-604.80	510.16	476.55	33.60	15.181			
7,000.00	6,849.58	6,828.25	6,826.93	22.67	14.92	-112.71	456.85	-603.59	543.26	509.26	34.00	15.979			
7,100.00	6,915.22	6,897.97	6,896.65	23.64	15.06	-112.53	456.53	-602.38	585.28	550.83	34.45	16.989			
7,200.00	6,968.52	6,947.79	6,946.46	24.83	15.16	-110.49	456.60	-601.35	637.29	602.42	34.87	18.275			
7,300.00	7,008.15	6,983.17	6,981.82	26.26	15.23	-106.22	456.66	-600.41	699.20	663.93	35.26	19.828			
7,400.00	7,033.14	7,003.89	7,002.53	27.92	15.27	-99.17	456.71	-599.78	769.30	733.72	35.58	21.619			
7,500.00	7,042.87	7,008.97	7,007.61	29.76	15.28	-89.12	456.72	-599.61	845.20	809.40	35.80	23.608			
7,600.00	7,042.76	7,006.12	7,004.76	31.74	15.28	-87.19	456.71	-599.70	924.98	889.02	35.96	25.723			
7,700.00	7,042.47	7,003.72	7,002.37	33.87	15.27	-86.93	456.71	-599.78	1,008.34	972.23	36.11	27.921			
7,800.00	7,042.19	7,000.65	6,999.29	36.12	15.27	-86.60	456.70	-599.88	1,094.49	1,058.24	36.25	30.192			
7,900.00	7,041.90	6,997.65	6,996.29	38.48	15.26	-86.28	456.69	-599.97	1,182.81	1,146.43	36.38	32.516			

Offset Design5N-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						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	0.00	0.00	3.28	3.28	-132.59	-516.20	-561.62	763.00				
100.00	100.00	83.04	83.04	3.28	3.28	-132.60	-516.36	-561.48	762.81	755.46	7.35	103.717	
200.00	200.00	184.56	184.56	3.30	3.29	-132.64	-516.68	-561.06	762.72	755.33	7.39	103.255	
290.63	290.62	274.92	274.92	3.34	3.32	-97.46	-516.70	-560.78	762.63	755.18	7.45	102.401	
300.00	300.00	284.23	284.23	3.35	3.32	-97.44	-516.69	-560.77	762.57	755.12	7.46	102.286	CC, ES
400.00	399.93	382.28	382.27	3.41	3.36	-97.67	-516.54	-560.84	762.98	755.43	7.56	100.956	
500.00	499.68	478.81	478.81	3.50	3.41	-98.12	-516.46	-561.29	764.23	756.54	7.69	99.325	
600.00	599.13	577.99	577.99	3.62	3.47	-98.80	-516.40	-562.13	766.35	758.48	7.87	97.376	
700.00	698.15	677.24	677.23	3.76	3.54	-99.72	-516.30	-562.95	769.13	761.05	8.09	95.102	
800.00	796.65	776.94	776.92	3.93	3.63	-100.87	-516.11	-563.79	772.72	764.37	8.35	92.534	
900.00	894.97	875.10	875.08	4.14	3.73	-102.12	-515.86	-564.54	776.75	768.10	8.65	89.770	
1,000.00	993.30	973.66	973.64	4.37	3.83	-103.35	-515.64	-565.34	781.21	772.22	8.99	86.916	
1,100.00	1,091.62	1,073.27	1,073.25	4.62	3.95	-104.59	-515.33	-566.11	785.95	776.60	9.35	84.031	
1,200.00	1,189.95	1,173.25	1,173.22	4.89	4.07	-105.81	-514.93	-566.72	790.88	781.14	9.74	81.176	
1,300.00	1,288.28	1,272.21	1,272.18	5.18	4.20	-107.00	-514.32	-567.34	796.02	785.86	10.15	78.411	
1,400.00	1,386.60	1,371.50	1,371.46	5.48	4.34	-108.17	-513.57	-568.09	801.44	790.86	10.58	75.758	
1,500.00	1,484.93	1,470.52	1,470.48	5.78	4.49	-109.32	-512.76	-568.73	807.10	796.08	11.02	73.236	
1,600.00	1,583.25	1,571.23	1,571.18	6.10	4.64	-110.44	-511.63	-569.61	812.96	801.48	11.48	70.830	
1,700.00	1,681.58	1,671.27	1,671.20	6.43	4.79	-111.52	-510.07	-570.63	818.84	806.89	11.94	68.551	
1,800.00	1,779.90	1,770.21	1,770.12	6.61	4.95	-112.55	-508.29	-571.88	824.92	812.85	12.06	68.384	
1,900.00	1,878.23	1,867.75	1,867.61	6.66	5.11	-113.49	-506.06	-573.94	831.29	819.03	12.26	67.817	
2,000.00	1,976.55	1,966.41	1,966.21	6.72	5.28	-114.40	-503.78	-576.36	838.03	825.55	12.48	67.157	
2,100.00	2,074.88	2,065.12	2,064.87	6.82	5.45	-115.30	-501.53	-578.66	844.96	832.24	12.72	66.413	
2,200.00	2,173.20	2,163.33	2,163.03	6.93	5.62	-116.20	-499.48	-580.74	852.16	839.18	12.99	65.612	
2,300.00	2,271.53	2,261.96	2,261.64	7.06	5.80	-117.12	-497.62	-582.57	859.64	846.37	13.27	64.760	
2,400.00	2,369.86	2,361.34	2,360.98	7.21	5.98	-118.02	-495.72	-584.40	867.31	853.72	13.58	63.862	
2,500.00	2,468.18	2,460.52	2,460.12	7.37	6.16	-118.91	-493.75	-586.20	875.11	861.20	13.91	62.933	
2,600.00	2,566.51	2,560.01	2,559.57	7.56	6.34	-119.77	-491.69	-588.11	883.07	868.83	14.25	61.983	
2,700.00	2,664.83	2,659.00	2,658.52	7.75	6.53	-120.63	-489.65	-589.77	891.16	876.55	14.60	61.026	
2,800.00	2,763.16	2,758.46	2,757.95	7.97	6.72	-121.48	-487.62	-591.37	899.43	884.46	14.97	60.068	
2,900.00	2,861.48	2,858.07	2,857.52	8.19	6.91	-122.32	-485.46	-592.98	907.78	892.43	15.36	59.110	
3,000.00	2,959.81	2,956.55	2,955.97	8.43	7.10	-123.12	-483.23	-594.71	916.29	900.54	15.75	58.174	
3,100.00	3,058.13	3,055.70	3,055.07	8.68	7.29	-123.91	-481.02	-596.48	925.01	908.86	16.16	57.254	
3,200.00	3,156.46	3,158.06	3,157.40	8.93	7.49	-124.72	-478.60	-598.15	933.73	917.15	16.58	56.325	
3,300.00	3,254.79	3,265.76	3,265.04	9.20	7.70	-125.58	-475.55	-599.21	941.99	924.97	17.02	55.353	
3,400.00	3,353.11	3,374.26	3,373.47	9.47	7.91	-126.48	-471.63	-599.15	949.36	931.89	17.47	54.354	
3,500.00	3,451.44	3,475.92	3,475.04	9.76	8.11	-127.39	-467.69	-597.59	956.23	938.32	17.91	53.398	
3,600.00	3,549.76	3,574.23	3,573.25	10.05	8.30	-128.34	-464.20	-594.72	963.26	944.92	18.35	52.505	
3,700.00	3,648.09	3,670.18	3,669.09	10.34	8.49	-129.29	-461.07	-591.39	970.70	951.91	18.78	51.674	
3,800.00	3,746.41	3,759.39	3,758.20	10.65	8.66	-130.17	-458.65	-588.18	978.92	959.70	19.21	50.948	
3,900.00	3,844.74	3,852.25	3,850.99	10.95	8.84	-131.11	-457.18	-584.52	988.40	968.75	19.65	50.296	
4,000.00	3,943.06	3,949.07	3,947.72	11.27	9.03	-132.06	-455.75	-580.78	998.30	978.20	20.10	49.665	
4,100.00	4,041.39	4,045.68	4,044.27	11.58	9.22	-132.96	-454.39	-577.74	1,008.69	988.14	20.55	49.077	
4,200.00	4,139.71	4,145.00	4,143.55	11.90	9.42	-133.83	-452.85	-575.31	1,019.33	998.32	21.02	48.502	
4,300.00	4,238.04	4,245.21	4,243.73	12.23	9.62	-134.64	-450.99	-573.63	1,030.02	1,008.53	21.49	47.938	
4,400.00	4,336.37	4,345.39	4,343.88	12.56	9.82	-135.41	-448.91	-572.27	1,040.75	1,018.79	21.96	47.393	
4,500.00	4,434.69	4,444.29	4,442.74	12.89	10.02	-136.15	-446.68	-571.05	1,051.50	1,029.06	22.43	46.871	
4,600.00	4,533.02	4,545.23	4,543.66	13.22	10.23	-136.89	-444.42	-569.86	1,062.44	1,039.53	22.91	46.365	
4,700.00	4,631.34	4,648.51	4,646.88	13.56	10.44	-137.64	-441.61	-568.22	1,073.04	1,049.63	23.40	45.853	
4,800.00	4,729.67	4,748.50	4,746.82	13.90	10.64	-138.38	-438.72	-566.31	1,083.59	1,059.71	23.88	45.372	
4,900.00	4,827.99	4,847.85	4,846.09	14.24	10.85	-139.11	-435.75	-564.15	1,094.20	1,069.83	24.36	44.913	
5,000.00	4,926.32	4,945.47	4,943.64	14.59	11.05	-139.82	-432.83	-561.91	1,104.97	1,080.13	24.84	44.483	
5,100.00	5,024.64	5,041.10	5,039.21	14.94	11.24	-140.49	-430.11	-559.88	1,116.07	1,090.75	25.31	44.088	
5,200.00	5,122.97	5,136.78	5,134.85	15.29	11.44	-141.14	-427.68	-558.11	1,127.63	1,101.84	25.79	43.722	
5,300.00	5,221.29	5,234.66	5,232.69	15.64	11.64	-141.78	-425.29	-556.52	1,139.46	1,113.19	26.27	43.369	
5,400.00	5,319.62	5,334.63	5,332.61	15.99	11.85	-142.42	-422.86	-554.94	1,151.45	1,124.68	26.76	43.024	
5,500.00	5,417.95	5,437.00	5,434.93	16.34	12.06	-143.07	-420.04	-553.10	1,163.24	1,135.98	27.26	42.675	
5,600.00	5,516.27	5,535.36	5,533.23	16.70	12.27	-143.68	-417.19	-551.32	1,175.02	1,147.28	27.75	42.351	
5,700.00	5,614.60	5,631.26	5,629.08	17.06	12.47	-144.25	-414.52	-549.98	1,187.07	1,158.84	28.23	42.053	
5,800.00	5,712.92	5,726.02	5,723.81	17.41	12.67	-144.79	-412.17	-548.85	1,199.52	1,170.81	28.71	41.782	SF

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
5,100.00	5,024.64	5,125.40	5,078.34	14.94	19.58	13.66	1,785.62	-926.57	1,190.31	1,159.82	30.50	39.031	
5,200.00	5,122.97	5,200.00	5,152.78	15.29	19.75	14.01	1,784.10	-922.01	1,168.55	1,137.53	31.02	37.674	
5,300.00	5,221.29	5,279.85	5,232.57	15.64	19.91	14.30	1,783.16	-919.16	1,148.52	1,117.01	31.51	36.444	
5,400.00	5,319.62	5,360.90	5,313.62	15.99	20.06	14.52	1,782.91	-918.41	1,130.22	1,098.22	31.99	35.326	
5,500.00	5,417.95	5,459.23	5,411.95	16.34	20.23	14.76	1,782.91	-918.41	1,112.56	1,080.06	32.50	34.228	
5,600.00	5,516.27	5,557.55	5,510.27	16.70	20.41	15.00	1,782.91	-918.41	1,094.93	1,061.92	33.02	33.163	
5,700.00	5,614.60	5,655.88	5,608.60	17.06	20.59	15.25	1,782.91	-918.41	1,077.32	1,043.79	33.53	32.128	
5,800.00	5,712.92	5,754.20	5,706.92	17.41	20.77	15.51	1,782.91	-918.41	1,059.73	1,025.68	34.05	31.123	
5,900.00	5,811.25	5,852.53	5,805.25	17.77	20.95	15.78	1,782.91	-918.41	1,042.16	1,007.59	34.57	30.147	
6,000.00	5,909.57	5,950.85	5,903.57	18.14	21.13	16.06	1,782.91	-918.41	1,024.61	989.52	35.09	29.198	
6,100.00	6,007.90	6,049.18	6,001.90	18.50	21.31	16.34	1,782.91	-918.41	1,007.09	971.47	35.62	28.276	
6,200.00	6,106.22	6,147.51	6,100.22	18.86	21.49	16.64	1,782.91	-918.41	989.59	953.45	36.14	27.380	
6,300.00	6,204.55	6,245.83	6,198.55	19.22	21.67	16.95	1,782.91	-918.41	972.12	935.45	36.67	26.508	
6,400.00	6,302.88	6,344.16	6,296.88	19.59	21.85	17.26	1,782.91	-918.41	954.68	917.47	37.20	25.660	
6,500.00	6,401.20	6,442.48	6,395.20	19.95	22.03	17.59	1,782.91	-918.41	937.27	899.53	37.74	24.836	
6,600.00	6,499.49	6,540.77	6,493.49	20.32	22.21	25.73	1,782.91	-918.41	919.79	881.51	38.28	24.029	
6,700.00	6,595.97	6,637.25	6,589.97	20.73	22.38	48.95	1,782.91	-918.41	899.60	860.66	38.94	23.104	
6,800.00	6,687.96	6,704.19	6,656.66	21.24	22.45	60.44	1,782.72	-924.20	878.22	838.55	39.67	22.138	
6,900.00	6,773.19	6,778.20	6,729.46	21.88	22.45	68.24	1,782.28	-937.37	857.05	816.51	40.53	21.145	
7,000.00	6,849.58	6,853.83	6,802.04	22.67	22.41	74.52	1,781.59	-958.50	837.19	795.60	41.60	20.126	
7,100.00	6,915.22	6,931.59	6,873.90	23.64	22.33	80.01	1,780.61	-988.07	819.79	776.85	42.94	19.093	
7,200.00	6,968.52	7,012.13	6,944.50	24.83	22.23	85.01	1,779.34	-1,026.71	806.00	761.43	44.57	18.082	
7,300.00	7,008.15	7,096.31	7,013.18	26.26	22.13	89.60	1,777.74	-1,075.30	796.97	750.48	46.48	17.145	
7,400.00	7,033.14	7,185.33	7,079.05	27.92	22.11	93.79	1,775.77	-1,135.06	793.66	745.07	48.59	16.333	
7,402.95	7,033.64	7,188.04	7,080.94	27.97	22.11	93.91	1,775.71	-1,137.00	793.65	745.00	48.65	16.312	
7,500.00	7,042.87	7,280.81	7,140.88	29.76	22.25	97.59	1,773.38	-1,207.68	796.76	746.00	50.76	15.697	
7,600.00	7,042.76	7,388.98	7,198.54	31.74	22.70	101.63	1,770.37	-1,299.03	804.57	751.61	52.96	15.193	
7,700.00	7,042.47	7,517.54	7,248.25	33.87	23.79	105.14	1,766.47	-1,417.34	811.78	756.29	55.50	14.627	
7,800.00	7,042.19	7,662.62	7,277.95	36.12	25.97	107.25	1,761.81	-1,559.01	815.19	756.17	59.02	13.812	
7,900.00	7,041.90	7,788.26	7,281.92	38.48	28.32	107.61	1,757.68	-1,684.45	813.50	750.26	63.25	12.862	
8,000.00	7,041.62	7,888.23	7,281.92	40.91	30.52	107.69	1,754.39	-1,784.36	811.04	743.32	67.71	11.977	
8,100.00	7,041.33	7,988.19	7,281.92	43.42	32.93	107.77	1,751.09	-1,884.27	808.57	736.14	72.43	11.164	
8,200.00	7,041.05	8,088.15	7,281.92	45.98	35.51	107.84	1,747.80	-1,984.18	806.11	728.76	77.35	10.422	
8,300.00	7,040.76	8,188.12	7,281.92	48.59	38.23	107.92	1,744.51	-2,084.09	803.64	721.22	82.43	9.750	
8,400.00	7,040.48	8,288.08	7,281.92	51.24	41.05	108.00	1,741.22	-2,184.00	801.18	713.54	87.64	9.142	
8,500.00	7,040.19	8,388.04	7,281.92	53.92	43.96	108.08	1,737.93	-2,283.91	798.72	705.76	92.96	8.592	
8,600.00	7,039.90	8,488.01	7,281.92	56.63	46.94	108.16	1,734.64	-2,383.82	796.26	697.90	98.37	8.095	
8,700.00	7,039.62	8,587.97	7,281.92	59.37	49.98	108.24	1,731.35	-2,483.73	793.81	689.96	103.85	7.644	
8,800.00	7,039.33	8,687.94	7,281.92	62.13	53.07	108.32	1,728.06	-2,583.64	791.35	681.97	109.38	7.235	
8,900.00	7,039.05	8,787.90	7,281.92	64.90	56.19	108.40	1,724.77	-2,683.55	788.90	673.93	114.97	6.862	
9,000.00	7,038.76	8,887.86	7,281.92	67.70	59.35	108.48	1,721.48	-2,783.46	786.45	665.85	120.60	6.521	
9,100.00	7,038.48	8,987.83	7,281.92	70.50	62.54	108.56	1,718.19	-2,883.37	783.99	657.74	126.26	6.210	
9,200.00	7,038.19	9,087.79	7,281.92	73.32	65.75	108.64	1,714.90	-2,983.27	781.55	649.60	131.95	5.923	
9,300.00	7,037.91	9,187.75	7,281.92	76.15	68.99	108.73	1,711.60	-3,083.18	779.10	641.44	137.66	5.660	
9,400.00	7,037.62	9,287.72	7,281.92	78.99	72.24	108.81	1,708.31	-3,183.09	776.65	633.26	143.39	5.416	
9,500.00	7,037.34	9,387.68	7,281.92	81.84	75.51	108.89	1,705.02	-3,283.00	774.21	625.07	149.14	5.191	
9,600.00	7,037.05	9,487.65	7,281.92	84.70	78.79	108.98	1,701.73	-3,382.91	771.77	616.86	154.90	4.982	
9,700.00	7,036.77	9,587.61	7,281.92	87.56	82.08	109.06	1,698.44	-3,482.82	769.32	608.65	160.68	4.788	
9,800.00	7,036.48	9,687.57	7,281.92	90.43	85.38	109.15	1,695.15	-3,582.73	766.89	600.42	166.46	4.607	
9,900.00	7,036.20	9,787.54	7,281.92	93.30	88.70	109.24	1,691.86	-3,682.64	764.45	592.19	172.26	4.438	
10,000.00	7,035.91	9,887.50	7,281.92	96.19	92.02	109.32	1,688.57	-3,782.55	762.01	583.96	178.05	4.280	
10,100.00	7,035.63	9,987.46	7,281.92	99.07	95.35	109.41	1,685.28	-3,882.46	759.58	575.72	183.86	4.131	
10,200.00	7,035.34	10,087.43	7,281.92	101.96	98.69	109.50	1,681.99	-3,982.37	757.15	567.48	189.66	3.992	
10,300.00	7,035.06	10,187.39	7,281.92	104.86	102.03	109.59	1,678.70	-4,082.28	754.72	559.24	195.47	3.861	
10,400.00	7,034.77	10,287.35	7,281.92	107.75	105.38	109.67	1,675.40	-4,182.19	752.29	551.00	201.29	3.737	
10,500.00	7,034.49	10,387.32	7,281.92	110.66	108.73	109.76	1,672.11	-4,282.10	749.86	542.76	207.10	3.621	
10,600.00	7,034.20	10,487.28	7,281.92	113.56	112.09	109.85	1,668.82	-4,382.01	747.44	534.53	212.91	3.511	
10,700.00	7,033.92	10,587.25	7,281.92	116.47	115.45	109.94	1,665.53	-4,481.92	745.01	526.30	218.72	3.406	
10,800.00	7,033.63	10,687.21	7,281.92	119.38	118.82	110.04	1,662.24	-4,581.83	742.59	518.07	224.53	3.307	
10,900.00	7,033.35	10,787.17	7,281.92	122.29	122.19	110.13	1,658.95	-4,681.74	740.17	509.84	230.33	3.213	
11,000.00	7,033.06	10,887.14	7,281.92	125.21	125.56	110.22	1,655.66	-4,781.65	737.76	501.62	236.14	3.124	
11,100.00	7,032.78	10,987.10	7,281.92	128.12	128.94	110.31	1,652.37	-4,881.56	735.34	493.40	241.94	3.039	
11,200.00	7,032.49	11,087.06	7,281.92	131.04	132.32	110.41	1,649.08	-4,981.46	732.93	485.19	247.74	2.958	
11,300.00	7,032.21	11,187.03	7,281.92	133.96	135.70	110.50	1,645.79	-5,081.37	730.52	476.99	253.53	2.881	
11,400.00	7,031.92	11,286.99	7,281.92	136.89	139.09	110.60	1,642.50	-5,181.28	728.11	468.79	259.32	2.808	
11,500.00	7,031.64	11,386.95	7,281.92	139.81	142.47	110.69	1,639.21	-5,281.19	725.70				

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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,600.00	7,031.35	11,486.92	7,281.92	142.74	145.86	110.79	1,635.91	-5,381.10	723.29	452.41	270.88	2.670	CC, ES, SF	
11,700.00	7,031.07	11,586.88	7,281.92	145.66	149.25	110.88	1,632.62	-5,481.01	720.89	444.24	276.65	2.606		
11,800.00	7,030.78	11,686.85	7,281.92	148.59	152.64	110.98	1,629.33	-5,580.92	718.49	436.07	282.42	2.544		
11,900.00	7,030.50	11,786.81	7,281.92	151.52	156.04	111.08	1,626.04	-5,680.83	716.09	427.91	288.18	2.485		
12,000.00	7,030.21	11,886.77	7,281.92	154.45	159.43	111.18	1,622.75	-5,780.74	713.69	419.76	293.93	2.428		
12,019.91	7,030.15	11,906.67	7,281.92	155.04	160.11	111.20	1,622.10	-5,800.63	713.21	418.14	295.08	2.417	CC, ES, SF	
12,100.00	7,029.92	11,897.00	7,281.92	157.39	159.78	111.19	1,622.41	-5,790.96	716.93	421.11	295.82	2.424		
12,200.00	7,029.64	11,897.00	7,281.92	160.32	159.78	111.19	1,622.41	-5,790.96	733.85	441.74	292.10	2.512		
12,300.00	7,029.35	11,897.00	7,281.92	163.26	159.78	111.19	1,622.41	-5,790.96	763.59	479.76	283.83	2.690		
12,400.00	7,029.07	11,897.00	7,281.92	166.19	159.78	111.19	1,622.41	-5,790.96	804.74	532.36	272.37	2.955		
12,500.00	7,028.78	11,897.00	7,281.92	169.13	159.78	111.19	1,622.41	-5,790.96	855.65	596.50	259.15	3.302		
12,600.00	7,028.50	11,897.00	7,281.92	172.06	159.78	111.19	1,622.41	-5,790.96	914.70	669.39	245.31	3.729		
12,700.00	7,028.21	11,897.00	7,281.92	175.00	159.78	111.19	1,622.41	-5,790.96	980.41	748.76	231.65	4.232		
12,800.00	7,027.93	11,897.00	7,281.92	177.94	159.78	111.19	1,622.41	-5,790.96	1,051.54	832.88	218.66	4.809		
12,900.00	7,027.64	11,897.00	7,281.92	180.88	159.78	111.19	1,622.41	-5,790.96	1,127.07	920.49	206.58	5.456		

Offset Design5N-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						
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
4,300.00	4,238.04	4,505.19	4,450.92	12.23	18.83	-0.14	1,516.42	-1,075.13	1,188.85	1,165.20	23.65	50.269	
4,400.00	4,336.37	4,601.53	4,542.59	12.56	19.32	-0.07	1,503.30	-1,063.94	1,152.84	1,128.65	24.19	47.653	
4,500.00	4,434.69	4,708.26	4,634.26	12.89	19.86	0.02	1,490.19	-1,052.76	1,116.83	1,092.06	24.77	45.086	
4,600.00	4,533.02	4,785.02	4,725.93	13.22	20.25	0.11	1,477.07	-1,041.57	1,080.82	1,055.56	25.26	42.784	
4,700.00	4,631.34	4,878.30	4,817.60	13.56	20.73	0.20	1,463.95	-1,030.39	1,044.81	1,019.00	25.81	40.485	
4,800.00	4,729.67	4,971.58	4,909.28	13.90	21.20	0.31	1,450.84	-1,019.20	1,008.81	982.45	26.36	38.276	
4,900.00	4,827.99	5,064.85	5,000.95	14.24	21.68	0.42	1,437.72	-1,008.01	972.80	945.90	26.91	36.153	
5,000.00	4,926.32	5,158.13	5,092.62	14.59	22.16	0.53	1,424.60	-996.83	936.81	909.34	27.46	34.111	
5,100.00	5,024.64	5,251.41	5,184.29	14.94	22.63	0.66	1,411.49	-985.64	900.81	872.79	28.02	32.146	
5,200.00	5,122.97	5,344.69	5,275.96	15.29	23.11	0.80	1,398.37	-974.46	864.82	836.24	28.58	30.255	
5,300.00	5,221.29	5,437.97	5,367.63	15.64	23.59	0.95	1,385.25	-963.27	828.84	799.69	29.15	28.434	
5,400.00	5,319.62	5,531.24	5,459.30	15.99	24.07	1.12	1,372.14	-952.09	792.86	763.14	29.72	26.679	
5,500.00	5,417.95	5,607.45	5,534.33	16.34	24.40	1.26	1,361.97	-943.42	757.81	727.54	30.27	25.038	
5,600.00	5,516.27	5,682.62	5,608.65	16.70	24.64	1.38	1,353.42	-936.12	725.18	694.39	30.79	23.552	
5,700.00	5,614.60	5,759.13	5,684.57	17.06	24.87	1.51	1,346.24	-930.00	695.05	663.75	31.30	22.204	
5,800.00	5,712.92	5,836.88	5,761.96	17.41	25.07	1.62	1,340.53	-925.13	667.48	635.68	31.80	20.988	
5,900.00	5,811.25	5,915.80	5,840.68	17.77	25.25	1.71	1,336.37	-921.58	642.54	610.25	32.29	19.900	
6,000.00	5,909.57	5,995.78	5,920.60	18.14	25.40	1.79	1,333.84	-919.43	620.28	587.52	32.76	18.934	
6,100.00	6,007.90	6,077.10	6,001.90	18.50	25.54	1.85	1,333.00	-918.71	600.74	567.52	33.22	18.082	
6,200.00	6,106.22	6,175.42	6,100.22	18.86	25.69	1.91	1,333.00	-918.71	582.53	548.79	33.74	17.268	
6,300.00	6,204.55	6,273.75	6,198.55	19.22	25.85	1.97	1,333.00	-918.71	564.32	530.07	34.25	16.477	
6,400.00	6,302.88	6,372.07	6,296.88	19.59	26.00	2.04	1,333.00	-918.71	546.10	511.34	34.76	15.710	
6,500.00	6,401.20	6,470.40	6,395.20	19.95	26.16	2.11	1,333.00	-918.71	527.89	492.62	35.28	14.965	
6,600.00	6,499.49	6,568.69	6,493.49	20.32	26.31	9.97	1,333.00	-918.71	509.51	473.71	35.79	14.235	
6,700.00	6,595.97	6,665.17	6,589.97	20.73	26.46	33.48	1,333.00	-918.71	485.73	449.34	36.39	13.348	
6,800.00	6,687.96	6,730.65	6,655.22	21.24	26.51	45.74	1,332.82	-924.31	458.75	421.76	36.99	12.402	
6,900.00	6,773.19	6,803.37	6,726.79	21.88	26.53	55.00	1,332.40	-937.03	430.66	392.83	37.83	11.383	
7,000.00	6,849.58	6,877.59	6,798.12	22.67	26.49	63.45	1,331.73	-957.42	403.17	364.09	39.07	10.318	
7,100.00	6,915.22	6,953.78	6,868.74	23.64	26.41	71.91	1,330.79	-985.90	378.33	337.37	40.96	9.237	
7,200.00	6,968.52	7,032.56	6,938.14	24.83	26.30	80.58	1,329.56	-1,023.05	358.71	315.13	43.58	8.232	
7,300.00	7,008.15	7,114.73	7,005.73	26.26	26.16	89.33	1,328.03	-1,069.67	347.17	300.50	46.67	7.439	
7,358.27	7,024.54	7,164.60	7,043.99	27.22	26.07	94.35	1,326.98	-1,101.64	345.22	296.75	48.47	7.123	
7,400.00	7,033.14	7,201.41	7,070.75	27.92	26.01	97.87	1,326.14	-1,126.89	346.26	296.71	49.55	6.987	
7,500.00	7,042.87	7,294.16	7,132.11	29.76	25.85	105.91	1,323.86	-1,196.32	357.41	305.93	51.48	6.943	
7,600.00	7,042.76	7,399.22	7,190.12	31.74	25.70	114.50	1,320.98	-1,283.76	377.33	325.19	52.14	7.237	
7,700.00	7,042.47	7,524.81	7,241.77	33.87	25.61	121.64	1,317.21	-1,397.99	396.17	343.84	52.33	7.570	
7,800.00	7,042.19	7,667.93	7,275.30	36.12	26.08	125.98	1,312.64	-1,536.81	407.59	354.34	53.25	7.654	
7,900.00	7,041.90	7,801.15	7,282.00	38.48	28.09	127.08	1,308.27	-1,669.65	408.27	352.34	55.93	7.299	
8,000.00	7,041.62	7,901.11	7,282.00	40.91	30.25	127.34	1,304.98	-1,769.56	406.31	346.81	59.50	6.829	
8,100.00	7,041.33	8,001.07	7,282.00	43.42	32.68	127.60	1,301.68	-1,869.47	404.35	341.10	63.26	6.392	
8,200.00	7,041.05	8,101.04	7,282.00	45.98	35.28	127.87	1,298.39	-1,969.38	402.41	335.24	67.17	5.991	
8,300.00	7,040.76	8,201.00	7,282.00	48.59	38.01	128.14	1,295.10	-2,069.29	400.47	329.28	71.19	5.625	
8,400.00	7,040.48	8,300.96	7,282.00	51.24	40.84	128.41	1,291.81	-2,169.20	398.54	323.24	75.31	5.292	
8,500.00	7,040.19	8,400.93	7,282.00	53.92	43.76	128.68	1,288.52	-2,269.11	396.63	317.14	79.49	4.990	
8,600.00	7,039.90	8,500.89	7,282.00	56.63	46.75	128.96	1,285.23	-2,369.02	394.72	311.00	83.72	4.715	
8,700.00	7,039.62	8,600.86	7,282.00	59.37	49.79	129.23	1,281.94	-2,468.92	392.82	304.84	87.98	4.465	
8,800.00	7,039.33	8,700.82	7,282.00	62.13	52.87	129.51	1,278.65	-2,568.83	390.92	298.66	92.26	4.237	
8,900.00	7,039.05	8,800.78	7,282.00	64.90	56.00	129.80	1,275.36	-2,668.74	389.04	292.49	96.55	4.029	
9,000.00	7,038.76	8,900.75	7,282.00	67.70	59.15	130.08	1,272.07	-2,768.65	387.17	286.32	100.85	3.839	
9,100.00	7,038.48	9,000.71	7,282.00	70.50	62.34	130.37	1,268.78	-2,868.56	385.31	280.16	105.15	3.665	
9,200.00	7,038.19	9,100.67	7,282.00	73.32	65.55	130.66	1,265.48	-2,968.47	383.46	274.03	109.43	3.504	
9,300.00	7,037.91	9,200.64	7,282.00	76.15	68.77	130.96	1,262.19	-3,068.38	381.61	267.91	113.70	3.356	
9,400.00	7,037.62	9,300.60	7,282.00	78.99	72.02	131.26	1,258.90	-3,168.29	379.78	261.83	117.95	3.220	
9,500.00	7,037.34	9,400.57	7,282.00	81.84	75.29	131.56	1,255.61	-3,268.20	377.96	255.78	122.17	3.094	
9,600.00	7,037.05	9,500.53	7,282.00	84.70	78.56	131.86	1,252.32	-3,368.11	376.15	249.77	126.37	2.976	
9,700.00	7,036.77	9,600.49	7,282.00	87.56	81.85	132.17	1,249.03	-3,468.02	374.35	243.81	130.54	2.868	
9,800.00	7,036.48	9,700.46	7,282.00	90.43	85.15	132.48	1,245.74	-3,567.93	372.56	237.88	134.68	2.766	
9,900.00	7,036.20	9,800.42	7,282.00	93.30	88.46	132.79	1,242.45	-3,667.84	370.78	232.00	138.78	2.672	
10,000.00	7,035.91	9,900.38	7,282.00	96.19	91.78	133.10	1,239.16	-3,767.75	369.01	226.17	142.84	2.583	
10,100.00	7,035.63	10,000.35	7,282.00	99.07	95.10	133.42	1,235.87	-3,867.66	367.25	220.39	146.86	2.501	
10,200.00	7,035.34	10,100.31	7,282.00	101.96	98.44	133.74	1,232.57	-3,967.57	365.51	214.67	150.84	2.423	
10,300.00	7,035.06	10,200.27	7,282.00	104.86	101.78	134.07	1,229.28	-4,067.48	363.77	209.00	154.77	2.350	
10,400.00	7,034.77	10,300.24	7,282.00	107.75	105.12	134.39	1,225.99	-4,167.39	362.05	203.39	158.66	2.282	
10,500.00	7,034.49	10,400.20	7,282.00	110.66	108.47	134.72	1,222.70	-4,267.30	360.34	197.85	162.50	2.218	
10,600.00	7,034.20	10,500.17	7,282.00	113.56	111.83	135.06	1,219.41	-4,367.21	358.64	192.36	166.29	2.157	
10,700.00	7,033.92	10,600.13	7,282.00	116.47	115.19	135.39	1,216.12	-4,467.11	356.96	186.94	170.02	2.099	

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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,800.00	7,033.63	10,700.09	7,282.00	119.38	118.55	135.73	1,212.83	-4,567.02	355.29	181.58	173.71	2.045	
10,900.00	7,033.35	10,800.06	7,282.00	122.29	121.92	136.08	1,209.54	-4,666.93	353.63	176.29	177.33	1.994	
11,000.00	7,033.06	10,900.02	7,282.00	125.21	125.29	136.42	1,206.25	-4,766.84	351.98	171.07	180.91	1.946	
11,100.00	7,032.78	11,000.02	7,282.00	128.12	128.66	136.77	1,202.96	-4,866.75	350.34	165.92	184.42	1.900	
11,200.00	7,032.49	11,100.05	7,282.00	131.04	132.04	137.13	1,199.66	-4,966.66	348.72	160.85	187.87	1.856	
11,300.00	7,032.21	11,200.09	7,282.00	133.96	135.42	137.48	1,196.37	-5,066.57	347.11	155.84	191.27	1.815	
11,400.00	7,031.92	11,300.13	7,282.00	136.89	138.81	137.84	1,193.08	-5,166.48	345.52	150.92	194.60	1.776	
11,500.00	7,031.64	11,399.84	7,282.00	139.81	142.18	138.20	1,189.79	-5,266.39	343.94	146.08	197.86	1.738	
11,600.00	7,031.35	11,500.20	7,282.00	142.74	145.58	138.57	1,186.50	-5,366.30	342.37	141.30	201.07	1.703	
11,700.00	7,031.07	11,600.23	7,282.00	145.66	148.97	138.94	1,183.21	-5,466.21	340.82	136.61	204.20	1.669	
11,800.00	7,030.78	11,699.73	7,282.00	148.59	152.35	139.31	1,179.92	-5,566.12	339.28	132.02	207.26	1.637	
11,900.00	7,030.50	11,800.31	7,282.00	151.52	155.76	139.69	1,176.63	-5,666.03	337.75	127.49	210.27	1.606	
12,000.00	7,030.21	11,900.34	7,282.00	154.45	159.15	140.07	1,173.34	-5,765.94	336.25	123.05	213.19	1.577	
12,069.99	7,030.01	11,969.62	7,282.00	156.51	161.51	140.34	1,171.03	-5,835.86	335.20	120.02	215.18	1.558	CC, ES, SF
12,100.00	7,029.92	11,963.30	7,282.00	157.39	161.29	140.31	1,171.24	-5,829.55	336.72	122.09	214.63	1.569	
12,200.00	7,029.64	11,963.30	7,282.00	160.32	161.29	140.31	1,171.24	-5,829.55	360.06	157.35	202.71	1.776	
12,300.00	7,029.35	11,963.30	7,282.00	163.26	161.29	140.31	1,171.24	-5,829.55	407.32	225.56	181.76	2.241	
12,400.00	7,029.07	11,963.30	7,282.00	166.19	161.29	140.31	1,171.24	-5,829.55	471.35	311.38	159.97	2.946	
12,500.00	7,028.78	11,963.30	7,282.00	169.13	161.29	140.31	1,171.24	-5,829.55	546.30	405.18	141.12	3.871	
12,600.00	7,028.50	11,963.30	7,282.00	172.06	161.29	140.31	1,171.24	-5,829.55	628.26	502.36	125.89	4.990	
12,700.00	7,028.21	11,963.30	7,282.00	175.00	161.29	140.31	1,171.24	-5,829.55	714.82	600.95	113.88	6.277	
12,800.00	7,027.93	11,963.30	7,282.00	177.94	161.29	140.31	1,171.24	-5,829.55	804.51	700.09	104.42	7.705	
12,900.00	7,027.64	11,963.30	7,282.00	180.88	161.29	140.31	1,171.24	-5,829.55	896.38	799.45	96.94	9.247	
13,000.00	7,027.36	11,963.30	7,282.00	183.82	161.29	140.31	1,171.24	-5,829.55	989.83	898.86	90.98	10.880	
13,100.00	7,027.07	11,963.30	7,282.00	186.76	161.29	140.31	1,171.24	-5,829.55	1,084.45	998.27	86.18	12.584	
13,200.00	7,026.79	11,963.30	7,282.00	189.70	161.29	140.31	1,171.24	-5,829.55	1,179.96	1,097.67	82.29	14.339	

Offset Design		5N-67W-01 Offsets Incomplete - HERTZKE 1-33 - 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		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)				
11,100.00	7,032.78	7,054.78	7,054.78	128.12	248.22	90.15	1,826.88	-5,659.37	1,177.70	838.65	339.05	3.474		
11,200.00	7,032.49	7,054.49	7,054.49	131.04	248.21	90.13	1,826.88	-5,659.37	1,112.62	765.64	346.98	3.207		
11,300.00	7,032.21	7,054.21	7,054.21	133.96	248.20	90.11	1,826.88	-5,659.37	1,053.04	697.64	355.40	2.963		
11,400.00	7,031.92	7,053.92	7,053.92	136.89	248.19	90.09	1,826.88	-5,659.37	999.92	635.79	364.13	2.746		
11,500.00	7,031.64	7,053.64	7,053.64	139.81	248.18	90.07	1,826.88	-5,659.37	954.36	581.45	372.91	2.559		
11,600.00	7,031.35	7,053.35	7,053.35	142.74	248.17	90.06	1,826.88	-5,659.37	917.48	536.11	381.36	2.406		
11,700.00	7,031.07	7,053.07	7,053.07	145.66	248.16	90.04	1,826.88	-5,659.37	890.35	501.33	389.02	2.289		
11,800.00	7,030.78	7,052.78	7,052.78	148.59	248.15	90.02	1,826.88	-5,659.37	873.89	478.49	395.40	2.210		
11,895.21	7,030.51	7,052.51	7,052.51	151.38	248.14	90.00	1,826.88	-5,659.37	868.68	468.79	399.90	2.172 CC		
11,900.00	7,030.50	7,052.50	7,052.50	151.52	248.14	90.00	1,826.88	-5,659.37	868.70	468.62	400.08	2.171 ES, SF		
12,000.00	7,030.21	7,052.21	7,052.21	154.45	248.13	89.98	1,826.88	-5,659.37	874.98	472.17	402.81	2.172		
12,100.00	7,029.92	7,051.92	7,051.92	157.39	248.12	89.96	1,826.88	-5,659.37	892.50	488.92	403.58	2.211		
12,200.00	7,029.64	7,051.64	7,051.64	160.32	248.11	89.94	1,826.88	-5,659.37	920.60	518.04	402.56	2.287		
12,300.00	7,029.35	7,051.35	7,051.35	163.26	248.10	89.92	1,826.88	-5,659.37	958.36	558.26	400.10	2.395		
12,400.00	7,029.07	7,051.07	7,051.07	166.19	248.09	89.91	1,826.88	-5,659.37	1,004.70	608.11	396.59	2.533		
12,500.00	7,028.78	7,050.78	7,050.78	169.13	248.08	89.89	1,826.88	-5,659.37	1,058.48	666.09	392.39	2.698		
12,600.00	7,028.50	7,050.50	7,050.50	172.06	248.07	89.87	1,826.88	-5,659.37	1,118.63	730.80	387.83	2.884		
12,700.00	7,028.21	7,050.21	7,050.21	175.00	248.06	89.85	1,826.88	-5,659.37	1,184.18	801.04	383.14	3.091		

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			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,400.00	7,029.07	7,063.07	7,063.07	166.19	248.51	90.14	1,822.83	-6,899.71	1,140.98	769.10	371.87	3.068		
12,500.00	7,028.78	7,062.78	7,062.78	169.13	248.50	90.12	1,822.83	-6,899.71	1,079.22	697.48	381.74	2.827		
12,600.00	7,028.50	7,062.50	7,062.50	172.06	248.49	90.10	1,822.83	-6,899.71	1,023.52	631.53	391.99	2.611		
12,700.00	7,028.21	7,062.21	7,062.21	175.00	248.48	90.08	1,822.83	-6,899.71	974.93	572.59	402.34	2.423		
12,800.00	7,027.93	7,061.93	7,061.93	177.94	248.47	90.06	1,822.83	-6,899.71	934.55	522.16	412.38	2.266		
12,900.00	7,027.64	7,061.64	7,061.64	180.88	248.46	90.04	1,822.83	-6,899.71	903.47	481.89	421.58	2.143		
13,000.00	7,027.36	7,061.36	7,061.36	183.82	248.45	90.03	1,822.83	-6,899.71	882.70	453.35	429.35	2.056		
13,100.00	7,027.07	7,061.07	7,061.07	186.76	248.44	90.01	1,822.83	-6,899.71	872.95	437.80	435.15	2.006		
13,135.56	7,026.97	7,060.97	7,060.97	187.81	248.44	90.00	1,822.83	-6,899.71	872.22	435.56	436.66	1.997	CC, ES	
13,200.00	7,026.79	7,060.79	7,060.79	189.70	248.43	89.99	1,822.83	-6,899.71	874.60	435.98	438.62	1.994	SF	
13,300.00	7,026.50	7,060.50	7,060.50	192.65	248.42	89.97	1,822.83	-6,899.71	887.59	447.93	439.65	2.019		
13,400.00	7,026.22	7,060.22	7,060.22	195.59	248.41	89.95	1,822.83	-6,899.71	911.43	473.02	438.41	2.079		
13,500.00	7,025.93	7,059.93	7,059.93	198.53	248.40	89.93	1,822.83	-6,899.71	945.30	510.03	435.26	2.172		
13,600.00	7,025.65	7,059.65	7,059.65	201.48	248.39	89.91	1,822.83	-6,899.71	988.17	557.47	430.70	2.294		
13,700.00	7,025.36	7,059.36	7,059.36	204.42	248.38	89.89	1,822.83	-6,899.71	1,038.92	613.73	425.19	2.443		
13,800.00	7,025.08	7,059.08	7,059.08	207.37	248.37	89.88	1,822.83	-6,899.71	1,096.47	677.31	419.16	2.616		
13,900.00	7,024.79	7,058.79	7,058.79	210.31	248.36	89.86	1,822.83	-6,899.71	1,159.80	746.86	412.94	2.809		

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		
16,300.00	7,017.95	7,037.95	7,037.95	281.10	247.62	90.14	1,784.87	-10,804.51	1,133.53	676.85	456.68	2.482		
16,400.00	7,017.66	7,037.66	7,037.66	284.06	247.61	90.12	1,784.87	-10,804.51	1,070.88	599.13	471.75	2.270		
16,500.00	7,017.38	7,037.38	7,037.38	287.01	247.60	90.10	1,784.87	-10,804.51	1,014.23	526.94	487.29	2.081		
16,600.00	7,017.09	7,037.09	7,037.09	289.96	247.59	90.08	1,784.87	-10,804.51	964.66	461.82	502.83	1.918		
16,700.00	7,016.81	7,036.81	7,036.81	292.92	247.58	90.06	1,784.87	-10,804.51	923.28	405.60	517.68	1.783		
16,800.00	7,016.52	7,036.52	7,036.52	295.87	247.57	90.05	1,784.87	-10,804.51	891.26	360.30	530.96	1.679		
16,900.00	7,016.24	7,036.24	7,036.24	298.82	247.56	90.03	1,784.87	-10,804.51	869.62	327.89	541.73	1.605		
17,000.00	7,015.95	7,035.95	7,035.95	301.78	247.55	90.01	1,784.87	-10,804.51	859.14	310.03	549.11	1.565		
17,040.54	7,015.84	7,035.84	7,035.84	302.97	247.55	90.00	1,784.87	-10,804.51	858.19	307.18	551.00	1.557	CC, ES	
17,100.00	7,015.67	7,035.67	7,035.67	304.73	247.54	89.99	1,784.87	-10,804.51	860.24	307.68	552.57	1.557	SF	
17,200.00	7,015.38	7,035.38	7,035.38	307.68	247.53	89.97	1,784.87	-10,804.51	872.88	320.89	551.98	1.581		
17,300.00	7,015.10	7,035.10	7,035.10	310.64	247.52	89.95	1,784.87	-10,804.51	896.55	348.84	547.71	1.637		
17,334.43	7,015.00	7,035.00	7,035.00	311.66	247.52	89.94	1,784.87	-10,804.51	907.11	361.41	545.70	1.662		

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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
13,200.00	7,026.79	7,109.21	7,090.79	189.70	250.15	-90.83	725.91	-8,063.85	1,127.58	826.75	300.84	3.748			
13,300.00	7,026.50	7,109.50	7,090.50	192.65	250.16	-90.76	725.91	-8,063.85	1,029.64	725.17	304.48	3.382			
13,400.00	7,026.22	7,109.78	7,090.22	195.59	250.17	-90.68	725.91	-8,063.85	932.14	623.22	308.92	3.017			
13,500.00	7,025.93	7,089.93	7,089.93	198.53	249.46	-90.61	725.91	-8,063.85	835.23	521.50	313.73	2.662			
13,600.00	7,025.65	7,089.65	7,089.65	201.48	249.45	-90.53	725.91	-8,063.85	739.14	418.43	320.71	2.305			
13,700.00	7,025.36	7,089.36	7,089.36	204.42	249.44	-90.46	725.91	-8,063.85	644.24	314.49	329.76	1.954			
13,800.00	7,025.08	7,089.08	7,089.08	207.37	249.43	-90.38	725.91	-8,063.85	551.15	209.35	341.80	1.612			
13,900.00	7,024.79	7,088.79	7,088.79	210.31	249.42	-90.31	725.91	-8,063.85	460.96	102.69	358.28	1.287	Level 3		
14,000.00	7,024.51	7,088.51	7,088.51	213.26	249.41	-90.23	725.91	-8,063.85	375.78	-5.52	381.29	0.986	Level 1		
14,100.00	7,024.22	7,088.22	7,088.22	216.20	249.40	-90.16	725.91	-8,063.85	299.88	-113.11	412.99	0.726	Level 1		
14,200.00	7,023.94	7,087.94	7,087.94	219.15	249.39	-90.08	725.91	-8,063.85	242.17	-208.26	450.43	0.538	Level 1		
14,300.00	7,023.65	7,087.65	7,087.65	222.10	249.38	-90.00	725.91	-8,063.85	217.64	-254.42	472.06	0.461	Level 1		
14,306.40	7,023.63	7,087.63	7,087.63	222.29	249.38	-90.00	725.91	-8,063.85	217.54	-254.57	472.11	0.461	Level 1, CC, ES, SF		
14,400.00	7,023.37	7,087.37	7,087.37	225.05	249.37	-89.93	725.91	-8,063.85	236.82	-216.91	453.73	0.522	Level 1		
14,500.00	7,023.08	7,087.08	7,087.08	227.99	249.36	-89.85	725.91	-8,063.85	291.21	-124.65	415.87	0.700	Level 1		
14,600.00	7,022.80	7,086.80	7,086.80	230.94	249.35	-89.78	725.91	-8,063.85	365.41	-17.30	382.71	0.955	Level 1		
14,700.00	7,022.51	7,086.51	7,086.51	233.89	249.34	-89.70	725.91	-8,063.85	449.71	91.14	358.57	1.254	Level 3		
14,800.00	7,022.23	7,086.23	7,086.23	236.84	249.33	-89.63	725.91	-8,063.85	539.41	198.02	341.39	1.580			
14,900.00	7,021.94	7,085.94	7,085.94	239.79	249.32	-89.55	725.91	-8,063.85	632.20	303.26	328.94	1.922			
15,000.00	7,021.66	7,085.66	7,085.66	242.74	249.31	-89.48	725.91	-8,063.85	726.91	407.22	319.69	2.274			
15,100.00	7,021.37	7,085.37	7,085.37	245.69	249.30	-89.40	725.91	-8,063.85	822.87	510.23	312.64	2.632			
15,200.00	7,021.09	7,085.09	7,085.09	248.64	249.29	-89.33	725.91	-8,063.85	919.69	612.53	307.16	2.994			
15,300.00	7,020.80	7,084.80	7,084.80	251.59	249.28	-89.25	725.91	-8,063.85	1,017.13	714.32	302.81	3.359			
15,400.00	7,020.52	7,084.52	7,084.52	254.54	249.27	-89.18	725.91	-8,063.85	1,115.02	815.70	299.32	3.725			

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		
15,900.00	7,019.09	7,159.66	7,020.36	269.29	29.91	-88.27	-101.17	-10,229.75	1,182.39	914.17	268.22	4.408		
16,000.00	7,018.80	7,159.30	7,020.01	272.25	29.91	-88.25	-101.16	-10,229.75	1,136.91	857.76	279.15	4.073		
16,100.00	7,018.52	7,158.95	7,019.66	275.20	29.91	-88.23	-101.14	-10,229.75	1,098.67	809.45	289.21	3.799		
16,200.00	7,018.23	7,158.60	7,019.31	278.15	29.90	-88.22	-101.13	-10,229.75	1,068.45	770.54	297.91	3.586		
16,300.00	7,017.95	7,158.25	7,018.96	281.10	29.90	-88.20	-101.12	-10,229.75	1,046.95	742.20	304.74	3.435		
16,400.00	7,017.66	7,157.91	7,018.61	284.06	29.90	-88.18	-101.11	-10,229.75	1,034.70	725.42	309.29	3.345		
16,477.43	7,017.44	7,157.64	7,018.35	286.34	29.90	-88.16	-101.10	-10,229.75	1,031.80	720.75	311.05	3.317	CC, ES	
16,500.00	7,017.38	7,157.56	7,018.27	287.01	29.90	-88.16	-101.10	-10,229.75	1,032.05	720.78	311.27	3.316	SF	
16,600.00	7,017.09	7,157.22	7,017.93	289.96	29.90	-88.14	-101.09	-10,229.75	1,039.06	728.44	310.61	3.345		
16,700.00	7,016.81	7,156.88	7,017.59	292.92	29.90	-88.12	-101.08	-10,229.75	1,055.53	748.06	307.48	3.433		
16,800.00	7,016.52	7,156.55	7,017.25	295.87	29.90	-88.10	-101.07	-10,229.75	1,081.05	778.86	302.19	3.577		
16,900.00	7,016.24	7,156.21	7,016.92	298.82	29.90	-88.08	-101.06	-10,229.75	1,114.98	819.78	295.20	3.777		
17,000.00	7,015.95	7,155.88	7,016.59	301.78	29.90	-88.06	-101.05	-10,229.75	1,156.59	869.60	286.99	4.030		

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						
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore	Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
14,700.00	7,022.51	7,270.01	7,069.56	233.89	37.10	-92.52	564.79	-9,589.72	1,191.96	1,082.43	109.53	10.882	
14,800.00	7,022.23	7,268.38	7,067.92	236.84	37.10	-92.27	564.80	-9,589.74	1,097.33	980.55	116.78	9.397	
14,900.00	7,021.94	7,266.74	7,066.29	239.79	37.09	-92.02	564.81	-9,589.76	1,003.74	878.38	125.36	8.007	
15,000.00	7,021.66	7,265.10	7,064.64	242.74	37.09	-91.76	564.82	-9,589.79	911.50	775.89	135.61	6.721	
15,100.00	7,021.37	7,263.45	7,062.99	245.69	37.09	-91.51	564.83	-9,589.81	821.08	673.09	147.99	5.548	
15,200.00	7,021.09	7,261.79	7,061.33	248.64	37.09	-91.25	564.84	-9,589.83	733.16	570.08	163.07	4.496	
15,300.00	7,020.80	7,260.12	7,059.67	251.59	37.08	-90.99	564.86	-9,589.85	648.73	467.20	181.53	3.574	
15,400.00	7,020.52	7,258.45	7,058.00	254.54	37.08	-90.73	564.87	-9,589.88	569.36	365.36	204.01	2.791	
15,500.00	7,020.23	7,256.78	7,056.32	257.49	37.08	-90.47	564.88	-9,589.90	497.49	266.78	230.71	2.156	
15,600.00	7,019.94	7,255.09	7,054.64	260.44	37.08	-90.21	564.89	-9,589.92	436.82	176.60	260.22	1.679	
15,700.00	7,019.66	7,253.41	7,052.95	263.39	37.07	-89.95	564.90	-9,589.95	392.58	105.03	287.56	1.365	Level 3
15,800.00	7,019.37	7,251.71	7,051.26	266.34	37.07	-89.69	564.91	-9,589.97	370.71	67.26	303.45	1.222	Level 2
15,833.50	7,019.28	7,251.14	7,050.69	267.33	37.07	-89.60	564.92	-9,589.98	369.19	64.61	304.59	1.212	Level 2, CC, ES, SF
15,900.00	7,019.09	7,250.01	7,049.55	269.29	37.07	-89.42	564.92	-9,589.99	375.13	75.19	299.95	1.251	Level 3
16,000.00	7,018.80	7,248.30	7,047.84	272.25	37.07	-89.16	564.94	-9,590.02	404.99	125.98	279.01	1.452	Level 3
16,100.00	7,018.52	7,246.58	7,046.13	275.20	37.06	-88.89	564.95	-9,590.04	455.31	205.11	250.20	1.820	
16,200.00	7,018.23	7,244.88	7,044.43	278.15	37.06	-88.63	564.96	-9,590.06	520.18	298.62	221.56	2.348	
16,300.00	7,017.95	7,243.19	7,042.74	281.10	37.06	-88.36	564.97	-9,590.09	594.86	398.28	196.58	3.026	
16,400.00	7,017.66	7,241.49	7,041.04	284.06	37.06	-88.10	564.98	-9,590.11	676.12	500.20	175.92	3.843	
16,500.00	7,017.38	7,239.79	7,039.33	287.01	37.05	-87.84	565.00	-9,590.14	761.84	602.74	159.10	4.789	
16,600.00	7,017.09	7,238.07	7,037.62	289.96	37.05	-87.57	565.01	-9,590.16	850.68	705.28	145.40	5.850	
16,700.00	7,016.81	7,236.34	7,035.89	292.92	37.05	-87.30	565.02	-9,590.18	941.76	807.57	134.19	7.018	
16,800.00	7,016.52	7,234.61	7,034.16	295.87	37.05	-87.03	565.03	-9,590.21	1,034.48	909.57	124.91	8.282	
16,900.00	7,016.24	7,232.87	7,032.42	298.82	37.04	-86.77	565.05	-9,590.23	1,128.45	1,011.29	117.16	9.631	

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	7,018.52	7,040.52	7,040.52	275.20	247.71	-91.09	761.26	-10,953.64	1,108.21	804.33	303.88	3.647		
16,200.00	7,018.23	7,040.23	7,040.23	278.15	247.70	-90.99	761.26	-10,953.64	1,009.43	701.60	307.82	3.279		
16,300.00	7,017.95	7,039.95	7,039.95	281.10	247.69	-90.89	761.26	-10,953.64	910.91	598.22	312.69	2.913		
16,400.00	7,017.66	7,039.66	7,039.66	284.06	247.68	-90.79	761.26	-10,953.64	812.76	493.95	318.80	2.549		
16,500.00	7,017.38	7,039.38	7,039.38	287.01	247.67	-90.69	761.26	-10,953.64	715.11	388.45	326.66	2.189		
16,600.00	7,017.09	7,039.09	7,039.09	289.96	247.66	-90.59	761.26	-10,953.64	618.22	281.16	337.06	1.834		
16,700.00	7,016.81	7,038.81	7,038.81	292.92	247.65	-90.49	761.26	-10,953.64	522.50	171.20	351.31	1.487	Level 3	
16,800.00	7,016.52	7,038.52	7,038.52	295.87	247.64	-90.39	761.26	-10,953.64	428.75	57.09	371.66	1.154	Level 2	
16,900.00	7,016.24	7,038.24	7,038.24	298.82	247.63	-90.29	761.26	-10,953.64	338.58	-63.55	402.13	0.842	Level 1	
17,000.00	7,015.95	7,037.95	7,037.95	301.78	247.62	-90.19	761.26	-10,953.64	255.83	-193.46	449.30	0.569	Level 1	
17,100.00	7,015.67	7,037.67	7,037.67	304.73	247.61	-90.10	761.26	-10,953.64	190.43	-325.20	515.63	0.369	Level 1	
17,195.94	7,015.39	7,037.39	7,037.39	307.56	247.60	-90.00	761.26	-10,953.64	164.49	-391.16	555.65	0.296	Level 1, CC, ES, SF	
17,200.00	7,015.38	7,037.38	7,037.38	307.68	247.60	-90.00	761.26	-10,953.64	164.54	-390.94	555.49	0.296	Level 1	
17,300.00	7,015.10	7,037.10	7,037.10	310.64	247.59	-89.90	761.26	-10,953.64	194.65	-312.30	506.95	0.384	Level 1	
17,334.43	7,015.00	7,037.00	7,037.00	311.66	247.59	-89.86	761.26	-10,953.64	215.03	-267.78	482.81	0.445	Level 1	

Offset Design		5N-67W-11 Offsets Need Directional Surveys - Skyway Federal 31-11 - Noble Energy PR Well - Actual S											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			
16,900.00	7,016.24	7,142.22	7,040.17	298.82	26.22	-89.48	69.27	-11,475.76	1,185.04	943.44	241.61	4.905			
17,000.00	7,015.95	7,141.48	7,039.43	301.78	26.22	-89.43	69.28	-11,475.76	1,117.97	861.85	256.12	4.365			
17,100.00	7,015.67	7,140.75	7,038.70	304.73	26.22	-89.38	69.29	-11,475.77	1,056.13	784.78	271.35	3.892			
17,200.00	7,015.38	7,140.03	7,037.98	307.68	26.22	-89.33	69.30	-11,475.77	1,000.47	713.54	286.93	3.487			
17,300.00	7,015.10	7,139.31	7,037.26	310.64	26.22	-89.29	69.31	-11,475.77	952.09	649.76	302.33	3.149			
17,334.43	7,015.00	7,139.07	7,037.01	311.66	26.22	-89.27	69.32	-11,475.77	937.32	629.55	307.77	3.046	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								
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		
12,400.00	7,029.07	7,076.07	7,076.07	166.19	248.97	-92.17	863.01	-7,291.45	1,136.37	856.07	280.30	4.054			
12,500.00	7,028.78	7,075.78	7,075.78	169.13	248.96	-91.98	863.01	-7,291.45	1,036.67	755.36	281.31	3.685			
12,600.00	7,028.50	7,075.50	7,075.50	172.06	248.95	-91.79	863.01	-7,291.45	937.05	654.48	282.56	3.316			
12,700.00	7,028.21	7,075.21	7,075.21	175.00	248.94	-91.60	863.01	-7,291.45	837.51	553.35	284.16	2.947			
12,800.00	7,027.93	7,074.93	7,074.93	177.94	248.93	-91.41	863.01	-7,291.45	738.10	451.86	286.24	2.579			
12,900.00	7,027.64	7,074.64	7,074.64	180.88	248.92	-91.21	863.01	-7,291.45	638.87	349.81	289.06	2.210			
13,000.00	7,027.36	7,074.36	7,074.36	183.82	248.91	-91.02	863.01	-7,291.45	539.93	246.87	293.06	1.842			
13,100.00	7,027.07	7,074.07	7,074.07	186.76	248.90	-90.83	863.01	-7,291.45	441.47	142.42	299.05	1.476	Level 3		
13,200.00	7,026.79	7,073.79	7,073.79	189.70	248.89	-90.64	863.01	-7,291.45	343.89	35.15	308.74	1.114	Level 2		
13,300.00	7,026.50	7,073.50	7,073.50	192.65	248.88	-90.45	863.01	-7,291.45	248.24	-78.01	326.25	0.761	Level 1		
13,400.00	7,026.22	7,073.22	7,073.22	195.59	248.87	-90.26	863.01	-7,291.45	158.08	-205.08	363.17	0.435	Level 1		
13,500.00	7,025.93	7,072.93	7,072.93	198.53	248.86	-90.06	863.01	-7,291.45	91.41	-345.92	437.33	0.209	Level 1		
13,533.17	7,025.84	7,072.84	7,072.84	199.51	248.86	-90.00	863.01	-7,291.45	85.18	-363.62	448.80	0.190	Level 1, CC, ES, SF		
13,600.00	7,025.65	7,072.65	7,072.65	201.48	248.85	-89.87	863.01	-7,291.45	108.26	-295.50	403.76	0.268	Level 1		
13,700.00	7,025.36	7,072.36	7,072.36	204.42	248.84	-89.68	863.01	-7,291.45	187.31	-150.81	338.12	0.554	Level 1		
13,800.00	7,025.08	7,072.08	7,072.08	207.37	248.83	-89.49	863.01	-7,291.45	280.09	-29.69	309.79	0.904	Level 1		
13,900.00	7,024.79	7,071.79	7,071.79	210.31	248.82	-89.30	863.01	-7,291.45	376.58	80.49	296.10	1.272	Level 3		
14,000.00	7,024.51	7,071.51	7,071.51	213.26	248.81	-89.10	863.01	-7,291.45	474.53	185.93	288.60	1.644			
14,100.00	7,024.22	7,071.22	7,071.22	216.20	248.80	-88.91	863.01	-7,291.45	573.19	289.04	284.15	2.017			
14,200.00	7,023.94	7,070.94	7,070.94	219.15	248.79	-88.72	863.01	-7,291.45	672.24	390.88	281.36	2.389			
14,300.00	7,023.65	7,070.65	7,070.65	222.10	248.78	-88.53	863.01	-7,291.45	771.54	491.98	279.56	2.760			
14,400.00	7,023.37	7,070.37	7,070.37	225.05	248.77	-88.34	863.01	-7,291.45	871.00	592.65	278.35	3.129			
14,500.00	7,023.08	7,070.08	7,070.08	227.99	248.76	-88.15	863.01	-7,291.45	970.57	693.03	277.54	3.497			
14,600.00	7,022.80	7,069.80	7,069.80	230.94	248.75	-87.95	863.01	-7,291.45	1,070.22	793.23	276.98	3.864			
14,700.00	7,022.51	7,069.51	7,069.51	233.89	248.74	-87.76	863.01	-7,291.45	1,169.93	893.32	276.61	4.230			

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						
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
5,900.00	5,811.25	5,992.29	5,827.48	17.77	30.58	-65.47	588.80	-1,746.57	1,199.03	1,151.05	47.98	24.989	
6,000.00	5,909.57	6,083.71	5,918.55	18.14	30.84	-65.82	596.66	-1,747.19	1,190.50	1,141.91	48.59	24.502	
6,100.00	6,007.90	6,183.15	6,017.74	18.50	31.10	-66.29	603.68	-1,748.12	1,182.58	1,133.39	49.19	24.040	
6,200.00	6,106.22	6,290.80	6,125.18	18.86	31.36	-66.85	610.24	-1,748.16	1,174.04	1,124.26	49.79	23.582	
6,300.00	6,204.55	6,387.55	6,221.84	19.22	31.57	-67.46	614.46	-1,747.68	1,165.47	1,115.13	50.33	23.156	
6,400.00	6,302.88	6,475.60	6,309.86	19.59	31.72	-68.08	616.81	-1,747.40	1,157.57	1,106.74	50.83	22.776	
6,500.00	6,401.20	6,569.80	6,404.05	19.95	31.87	-68.81	618.13	-1,747.62	1,150.66	1,099.35	51.31	22.425	
6,600.00	6,499.49	6,670.46	6,504.71	20.32	32.02	-62.23	618.84	-1,747.61	1,143.60	1,091.81	51.79	22.081	
6,700.00	6,595.97	6,769.38	6,603.63	20.73	32.16	-43.23	619.20	-1,747.30	1,126.29	1,074.02	52.27	21.547	
6,800.00	6,687.96	6,861.98	6,696.22	21.24	32.28	-36.89	619.21	-1,746.79	1,094.61	1,041.83	52.79	20.737	
6,900.00	6,773.19	6,947.74	6,781.98	21.88	32.39	-35.66	618.86	-1,746.13	1,049.69	996.36	53.33	19.682	
7,000.00	6,849.58	7,024.50	6,858.74	22.67	32.49	-37.61	618.40	-1,745.42	992.95	939.04	53.91	18.418	
7,100.00	6,915.22	7,089.91	6,924.14	23.64	32.57	-42.44	617.94	-1,744.73	926.21	871.69	54.52	16.989	
7,200.00	6,968.52	7,142.63	6,976.86	24.83	32.64	-50.51	617.56	-1,744.13	851.68	796.51	55.17	15.437	
7,300.00	7,008.15	7,180.85	7,015.07	26.26	32.69	-61.94	617.27	-1,743.69	771.89	716.01	55.88	13.814	
7,400.00	7,033.14	7,204.43	7,038.65	27.92	32.72	-75.66	617.10	-1,743.43	689.73	633.06	56.67	12.172	
7,500.00	7,042.87	7,212.99	7,047.21	29.76	32.73	-88.85	617.03	-1,743.33	608.38	550.85	57.53	10.574	
7,600.00	7,042.76	7,211.83	7,046.05	31.74	32.73	-90.38	617.04	-1,743.35	531.81	473.32	58.49	9.092	
7,700.00	7,042.47	7,210.49	7,044.71	33.87	32.73	-90.17	617.05	-1,743.36	464.21	404.70	59.51	7.801	
7,800.00	7,042.19	7,209.14	7,043.36	36.12	32.72	-89.95	617.06	-1,743.38	410.06	349.69	60.37	6.793	
7,900.00	7,041.90	7,207.79	7,042.02	38.48	32.72	-89.74	617.07	-1,743.39	375.25	314.36	60.88	6.163	
7,986.72	7,041.65	7,206.62	7,040.84	40.59	32.72	-89.56	617.08	-1,743.40	365.09	303.92	61.17	5.968 CC, ES	
8,000.00	7,041.62	7,206.44	7,040.66	40.91	32.72	-89.53	617.08	-1,743.40	365.33	304.12	61.22	5.968 SF	
8,100.00	7,041.33	7,205.08	7,039.30	43.42	32.72	-89.32	617.09	-1,743.42	382.26	320.73	61.52	6.213	
8,200.00	7,041.05	7,203.72	7,037.94	45.98	32.72	-89.10	617.10	-1,743.43	422.81	361.36	61.45	6.881	
8,300.00	7,040.76	7,202.34	7,036.57	48.59	32.72	-88.89	617.11	-1,743.45	481.06	420.18	60.88	7.902	
8,400.00	7,040.48	7,200.97	7,035.19	51.24	32.71	-88.67	617.12	-1,743.46	551.41	491.34	60.07	9.179	
8,500.00	7,040.19	7,199.59	7,033.81	53.92	32.71	-88.46	617.13	-1,743.48	629.84	570.58	59.25	10.629	
8,600.00	7,039.90	7,198.20	7,032.42	56.63	32.71	-88.24	617.14	-1,743.49	713.67	655.14	58.53	12.193	
8,700.00	7,039.62	7,196.81	7,031.03	59.37	32.71	-88.02	617.15	-1,743.51	801.22	743.30	57.92	13.832	
8,800.00	7,039.33	7,195.41	7,029.64	62.13	32.71	-87.80	617.16	-1,743.52	891.39	833.96	57.43	15.521	
8,900.00	7,039.05	7,194.01	7,028.23	64.90	32.71	-87.58	617.18	-1,743.54	983.47	926.43	57.04	17.243	
9,000.00	7,038.76	7,192.60	7,026.82	67.70	32.70	-87.36	617.19	-1,743.56	1,076.95	1,020.23	56.72	18.987	
9,100.00	7,038.48	7,191.19	7,025.41	70.50	32.70	-87.14	617.20	-1,743.57	1,171.51	1,115.04	56.47	20.746	

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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
8,100.00	7,041.33	7,129.27	7,026.62	43.42	27.95	-89.13	-16.55	-2,441.34	1,155.65	1,085.61	70.04	16.501			
8,200.00	7,041.05	7,129.07	7,026.41	45.98	27.95	-89.12	-16.55	-2,441.34	1,108.06	1,035.28	72.79	15.224			
8,300.00	7,040.76	7,128.87	7,026.21	48.59	27.95	-89.11	-16.55	-2,441.34	1,067.75	992.25	75.50	14.142			
8,400.00	7,040.48	7,128.67	7,026.01	51.24	27.95	-89.10	-16.55	-2,441.34	1,035.56	957.49	78.06	13.266			
8,500.00	7,040.19	7,128.46	7,025.80	53.92	27.95	-89.09	-16.54	-2,441.34	1,012.26	931.91	80.35	12.599			
8,600.00	7,039.90	7,128.26	7,025.60	56.63	27.95	-89.08	-16.54	-2,441.34	998.48	916.24	82.23	12.142			
8,688.57	7,039.65	7,128.09	7,025.43	59.06	27.95	-89.07	-16.54	-2,441.34	994.54	911.04	83.50	11.911	CC		
8,700.00	7,039.62	7,128.06	7,025.40	59.37	27.95	-89.06	-16.54	-2,441.34	994.61	910.98	83.63	11.893	ES		
8,800.00	7,039.33	7,127.87	7,025.21	62.13	27.95	-89.05	-16.53	-2,441.34	1,000.76	916.27	84.49	11.845	SF		
8,900.00	7,039.05	7,127.67	7,025.01	64.90	27.95	-89.04	-16.53	-2,441.34	1,016.77	931.94	84.83	11.986			
9,000.00	7,038.76	7,127.47	7,024.81	67.70	27.95	-89.03	-16.53	-2,441.34	1,042.16	957.46	84.70	12.304			
9,100.00	7,038.48	7,127.27	7,024.61	70.50	27.95	-89.02	-16.52	-2,441.34	1,076.28	992.10	84.19	12.784			
9,200.00	7,038.19	7,127.08	7,024.42	73.32	27.95	-89.01	-16.52	-2,441.34	1,118.33	1,034.94	83.40	13.410			
9,300.00	7,037.91	7,126.88	7,024.22	76.15	27.95	-89.00	-16.52	-2,441.34	1,167.46	1,085.04	82.42	14.165			

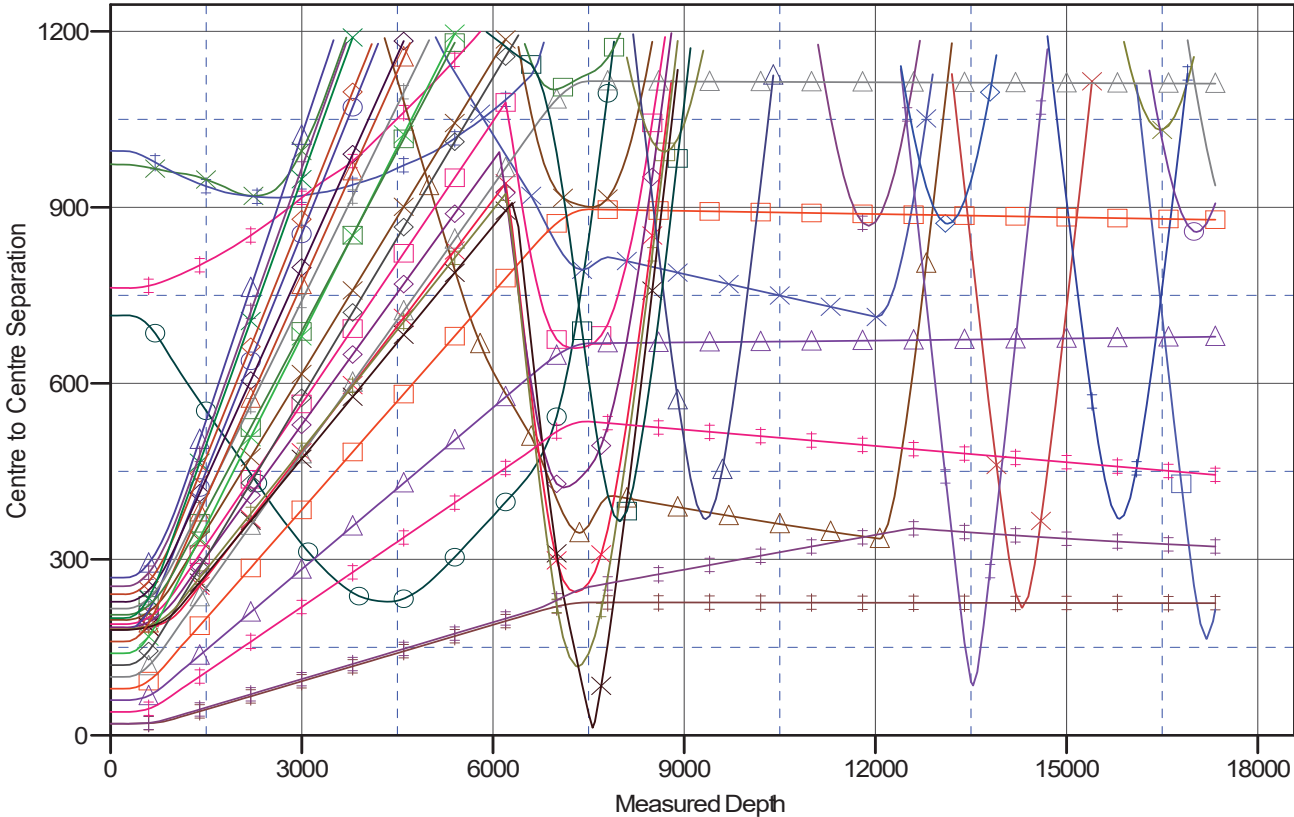
Offset Design											5N-67W-12 Offsets - SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy Surveys			Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448, 805-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore	Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)					
8,200.00	7,041.05	7,651.43	7,065.51	45.98	61.44	-91.20	605.20	-3,093.68	1,195.33	1,104.67	90.66	13.185				
8,300.00	7,040.76	7,650.56	7,064.64	48.59	61.44	-91.06	605.20	-3,093.68	1,100.64	1,008.65	91.98	11.966				
8,400.00	7,040.48	7,649.71	7,063.80	51.24	61.44	-90.93	605.21	-3,093.69	1,006.97	913.40	93.57	10.762				
8,500.00	7,040.19	7,648.88	7,062.97	53.92	61.44	-90.80	605.21	-3,093.69	914.65	819.18	95.48	9.580				
8,600.00	7,039.90	7,648.07	7,062.15	56.63	61.44	-90.68	605.21	-3,093.69	824.12	726.35	97.77	8.429				
8,700.00	7,039.62	7,647.27	7,061.35	59.37	61.44	-90.55	605.21	-3,093.70	736.05	635.52	100.53	7.322				
8,800.00	7,039.33	7,646.48	7,060.57	62.13	61.44	-90.43	605.22	-3,093.70	651.43	547.63	103.79	6.276				
8,900.00	7,039.05	7,645.72	7,059.80	64.90	61.44	-90.31	605.22	-3,093.70	571.79	464.25	107.54	5.317				
9,000.00	7,038.76	7,644.96	7,059.04	67.70	61.44	-90.19	605.22	-3,093.71	499.53	388.01	111.52	4.479				
9,100.00	7,038.48	7,644.22	7,058.30	70.50	61.44	-90.08	605.22	-3,093.71	438.31	323.28	115.03	3.810				
9,200.00	7,038.19	7,643.49	7,057.57	73.32	61.44	-89.96	605.23	-3,093.71	393.32	276.56	116.76	3.369				
9,300.00	7,037.91	7,642.78	7,056.86	76.15	61.44	-89.85	605.23	-3,093.72	370.52	254.94	115.58	3.206 SF				
9,337.09	7,037.80	7,642.51	7,056.60	77.20	61.44	-89.81	605.23	-3,093.72	368.66	254.14	114.52	3.219 CC, ES				
9,400.00	7,037.62	7,642.07	7,056.16	78.99	61.44	-89.74	605.23	-3,093.72	373.99	261.57	112.42	3.327				
9,500.00	7,037.34	7,641.38	7,055.47	81.84	61.44	-89.64	605.23	-3,093.72	403.05	293.78	109.27	3.689				
9,600.00	7,037.05	7,640.71	7,054.79	84.70	61.44	-89.53	605.24	-3,093.72	452.80	346.43	106.37	4.257				
9,700.00	7,036.77	7,640.04	7,054.12	87.56	61.44	-89.43	605.24	-3,093.73	517.31	413.85	103.46	5.000				
9,800.00	7,036.48	7,639.39	7,053.47	90.43	61.44	-89.33	605.24	-3,093.73	591.77	491.10	100.67	5.878				
9,900.00	7,036.20	7,638.74	7,052.83	93.30	61.44	-89.23	605.24	-3,093.73	672.88	574.71	98.17	6.854				
10,000.00	7,035.91	7,638.11	7,052.20	96.19	61.44	-89.13	605.24	-3,093.73	758.51	662.48	96.03	7.898				
10,100.00	7,035.63	7,637.49	7,051.57	99.07	61.44	-89.03	605.25	-3,093.74	847.30	753.06	94.24	8.991				
10,200.00	7,035.34	7,636.88	7,050.96	101.96	61.44	-88.94	605.25	-3,093.74	938.35	845.60	92.75	10.117				
10,300.00	7,035.06	7,636.28	7,050.36	104.86	61.44	-88.84	605.25	-3,093.74	1,031.05	939.53	91.52	11.266				
10,400.00	7,034.77	7,635.69	7,049.77	107.75	61.44	-88.75	605.25	-3,093.74	1,125.01	1,034.51	90.50	12.431				

Coordinates are relative to: BOST FARM 30N-11C-L

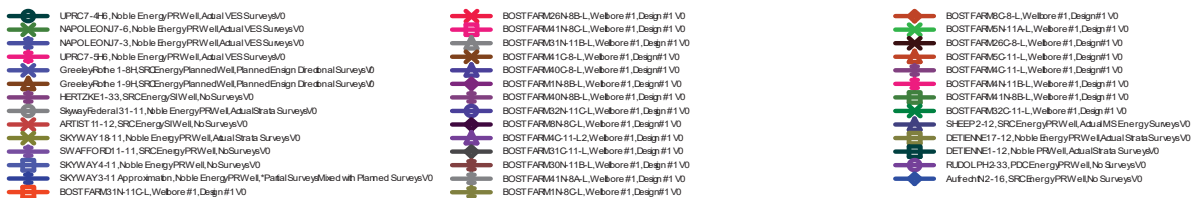
Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°

Ladder Plot












































LEGEND



Central Meridian is -105.500000

Grid Convergence at Surface is: 0.43°

- | | | | | | |
|---|--|---|--|---|--|
|  | UPRC7-4#6, Noble EnergyPRWell,AdualVES,Survey#0 |  | BOSTFARM26#8B-L,Wellbore#1,Design#1#0 |  | BOSTFARM6#8-L,Wellbore#1,Design#1#0 |
|  | NPAOLEON7-6, Noble EnergyPRWell,AdualVES,Survey#0 |  | BOSTFARM1#N8CL,Wellbore#1,Design#1#0 |  | BOSTFARM1N#1-L,Wellbore#1,Design#1#0 |
|  | NPAOLEON7-3, Noble EnergyPRWell,AdualVES,Survey#0 |  | BOSTFARM5#1N18-L,Wellbore#1,Design#1#0 |  | BOSTFARM5C6#-L,Wellbore#1,Design#1#0 |
|  | UPRC7-5#6, Noble EnergyPRWell,AdualVES,Survey#0 |  | BOSTFARM1#C8-L,Wellbore#1,Design#1#0 |  | BOSTFARM5C#1-L,Wellbore#1,Design#1#0 |
|  | Greely#Rth#1-8#3,SRCEnergyPannedWell,PlannedEngrin,Crednaal,Survey#0 |  | BOSTFARM5C#C8-L,Wellbore#1,Design#1#0 |  | BOSTFARM6C#1-L,Wellbore#1,Design#1#0 |
|  | Greely#Rth#1-10#3,SRCEnergyPannedWell,PlannedEngrin,Crednaal,Survey#0 |  | BOSTFARM1#R8-L,Wellbore#1,Design#1#0 |  | BOSTFARM6C#1-L,Wellbore#1,Design#1#0 |
|  | HRTZ121-33,SRCEnergySWWell,No,Survey#0 |  | BOSTFARM0N#8CL,Wellbore#1,Design#1#0 |  | BOSTFARM1N#8L,Wellbore#1,Design#1#0 |
|  | Sway#y#deral31-1,1,Noble EnergyPRWell,AdualStrats,Survey#0 |  | BOSTFARM2#N11CL,Wellbore#1,Design#1#0 |  | BOSTFARM32C#1-L,Wellbore#1,Design#1#0 |
|  | ART#T#1-12,SRCEnergySWWell,No,Survey#0 |  | BOSTFARM1N#8CL,Wellbore#1,Design#1#0 |  | SHEEP-2,SRCEnergyPRWell,AdualMES,EnergySurvey#0 |
|  | SKWYAW16#1,1,Noble EnergyPRWell,AdualStrats,Survey#0 |  | BOSTFARM1C#11-L,Wellbore#1,Design#1#0 |  | DET#EN#17-12,Noble EnergyPRWell,AdualStrats,Survey#0 |
|  | SWAFFORD11-1,SRCEnergyPRWell,No,Survey#0 |  | BOSTFARM1C#11-L,Wellbore#1,Design#1#0 |  | DET#EN#12,Noble EnergyPRWell,AdualStrats,Survey#0 |
|  | SKWYAW4-1,1,Noble EnergyPRWell,No,Survey#0 |  | BOSTFARM0N#18-L,Wellbore#1,Design#1#0 |  | ALUD#118-L,Wellbore#1,Design#1#0 |
|  | SKWYAW31-1,Approximat,Noble EnergyPRWell,PartialSurvey#kled,withPlanned,Survey#0 |  | BOSTFARM1N#8A-L,Wellbore#1,Design#1#0 |  | Auto#d#2-16,SRCEnergyPRWell,No,Survey#0 |
|  | BOSTFARM5#1N1CL,Wellbore#1,Design#1#0 |  | BOSTFARM1N#8CL,Wellbore#1,Design#1#0 | | |