

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
5N-66W-07 BOST FARM 5-7 PAD
BOST FARM 4C-11-L2**

**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	12/27/2017			
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	17,376.19	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	200.00	203.00	181.15	173.58	23.931	CC
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	600.00	582.58	181.29	173.20	22.393	ES
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	7,086.65	7,655.75	230.81	177.14	4.301	SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	608.20	590.17	183.73	175.62	22.641	CC, ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	7,600.00	7,329.05	564.43	508.39	10.071	SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	612.46	593.31	188.71	180.59	23.233	CC, ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	7,800.00	7,251.93	670.27	609.91	11.105	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	616.88	596.60	195.82	187.69	24.081	CC, ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,900.00	7,122.52	959.65	897.55	15.453	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	269.80	269.34	80.00	72.38	10.494	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	17,376.19	17,306.25	904.96	298.34	1.492	Level 3, SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	271.27	270.91	59.96	52.33	7.863	CC, ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	17,376.19	17,334.43	679.60	72.23	1.119	Level 2, SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	200.00	59.75	52.18	7.895	CC
BOST FARM 31C-11-L - Wellbore #1 - Design #1	17,376.19	17,376.03	661.31	39.55	1.064	Level 2, ES, SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	200.00	39.72	32.15	5.248	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	17,376.19	17,181.02	505.88	-53.90	0.904	Level 1, ES, SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	200.00	19.68	12.11	2.601	CC
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	17,376.19	17,259.50	276.83	-229.85	0.546	Level 1, ES, SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	300.00	298.01	140.46	132.81	18.360	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	119.86	112.29	15.837	CC
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.837	ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	300.00	298.42	120.40	112.75	15.737	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	261.24	262.26	227.98	220.37	29.935	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	500.00	483.02	234.12	226.22	29.628	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	264.09	264.97	216.15	208.53	28.372	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	500.00	484.00	221.61	213.70	28.040	SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 41C-8-L - Wellbore #1 - Design #1	200.00	203.00	181.10	173.54	23.925	CC, ES

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)		Separation Factor	Warning
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 41C-8-L - Wellbore #1 - Design #1	7,408.37	7,521.34	239.35	185.88	4.476	SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	267.00	268.79	189.67	182.05	24.886	CC, ES
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	6,872.48	7,622.46	577.91	524.59	10.839	SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	260.30	262.51	184.23	176.61	24.190	CC, ES
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	7,042.32	7,648.17	452.92	400.02	8.561	SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	7,191.76	7,623.85	4.18	-48.99	0.079	Level 1, CC, ES, SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	274.05	273.81	39.92	32.29	5.234	CC
BOST FARM 4C-11-L - Wellbore #1 - Design #1	17,376.19	17,408.56	406.34	-214.44	0.655	Level 1, ES, SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	283.77	283.63	19.85	12.22	2.600	CC
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	17,376.19	17,201.56	320.48	-131.58	0.709	Level 1, ES, SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	200.00	99.82	92.25	13.189	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	17,376.19	17,406.89	1,141.29	519.14	1.834	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	200.00	79.80	72.23	10.543	CC, ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	17,376.19	17,071.39	941.73	356.25	1.608	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	266.09	267.82	205.84	198.22	27.012	CC, ES
BOST FARM 8C-8-L - Wellbore #1 - Design #1	8,100.00	7,070.29	1,170.26	1,106.29	18.294	SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	270.22	271.75	196.77	189.15	25.809	CC, ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	7,800.00	7,154.47	871.46	814.52	15.306	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	887.09	889.25	1,036.05	1,027.46	120.601	CC
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	1,300.00	1,300.22	1,036.68	1,026.70	103.908	ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	6,400.00	6,345.29	1,196.06	1,165.69	39.372	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	2,573.95	2,660.08	990.74	976.99	72.058	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	3,900.00	3,821.62	1,161.60	1,142.48	60.767	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	6,700.00	6,643.02	165.27	132.65	5.067	CC, ES, SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	4,079.07	4,052.39	636.12	616.38	32.232	CC
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	4,300.00	4,272.45	636.68	615.93	30.677	ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	6,800.00	6,733.99	715.12	682.34	21.816	SF
5N-66W-08 Offsets Need HZ						
DRAKE 8-1 - St. James AB Well - No Surveys						Out of range
DRAKE 8-13H6 - SRC Energy PR Well - Actual VES Sur						Out of range
DRAKE 8-15H6 - Noble Energy PR Well - No Surveys						Out of range
DRAKE 8-2 - St. James AB Well - No Surveys						Out of range
MOEN 8-7H6 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve						Out of range
MOEN J 8-8 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-9 - SRC Energy SI Well - No Surveys						Out of range
WHITE 8-1 - Extraction PR Well - No Surveys						Out of range
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv						Out of range
WIEDEMAN 8-11H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-12H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S						Out of range
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES						Out of range
5N-66W-09 Offsets Incomplete						
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range

Summary							
Site Name		Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)		Separation Factor	Warning
Offset Well - Wellbore - Design							
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		12,107.88	11,963.30	881.95	567.45	2.804	Out of range
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann							CC, ES, SF
HERTZKE 1-33 - SRC Energy SI Well - No Surveys							Out of range
5N-67W-02 Offsets Incomplete							
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys							Out of range
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys							Out of range
5N-67W-10 Offsets Incomplete							
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P							Out of range
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P							Out of range
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P							Out of range
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P							Out of range
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P							Out of range
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P							Out of range
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P							Out of range
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P							Out of range
5N-67W-11 Offsets Need Directional Surveys							
ARTIST 11-12 - SRC Energy SI Well - No Surveys		14,344.49	7,236.05	441.63	-35.23	0.926	Level 1, CC, ES, SF
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S		16,514.96	7,343.39	376.90	65.89	1.212	Level 2, CC, ES, SF
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S							Out of range
SKYWAY 3-11 Approximation - Noble Energy PR Well - *		15,869.60	7,411.24	289.42	-14.86	0.951	Level 1, CC, ES, SF
SKYWAY 4-11 - Noble Energy PR Well - No Surveys		17,234.03	7,202.58	494.52	-66.48	0.881	Level 1, CC, ES, SF
SKYWAY 5-11 - Noble Energy PR Well - No Surveys		17,376.19	7,223.00	1,060.12	494.18	1.873	CC, ES, SF
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene		15,869.86	7,570.30	1,024.35	713.71	3.298	CC
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene		15,900.00	7,570.21	1,024.80	713.50	3.292	ES, SF
Skyway Federal 31-11 - Noble Energy PR Well - Actual S		17,376.19	7,317.32	430.66	261.76	2.550	CC, ES, SF
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys		13,571.27	7,216.76	574.04	120.66	1.266	Level 3, CC
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys		13,600.00	7,216.85	574.75	120.63	1.266	Level 3, 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		8,011.46	7,139.34	1,050.56	760.27	3.619	CC, ES
BORESEN 1 - Noble Energy PR Well - No Surveys		8,100.00	7,139.61	1,054.28	762.06	3.608	SF
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys		8,023.68	7,323.27	293.54	232.90	4.840	CC, ES
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys		8,100.00	7,322.86	303.30	240.05	4.795	SF
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata		8,726.50	7,255.52	336.84	253.76	4.054	CC, ES, SF
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata							Out of range
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy							Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energy							Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energy							Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energy							Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy		9,374.48	7,763.80	290.45	176.44	2.548	CC
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy		9,400.00	7,763.69	291.57	175.40	2.510	ES, SF
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy		9,375.60	7,318.75	1,019.75	909.10	9.216	CC
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy		9,400.00	7,318.99	1,020.04	908.91	9.178	ES
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy		9,500.00	7,319.94	1,027.31	914.57	9.112	SF
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy							Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima							Out of range

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
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	CC
300.00	300.00	299.93	299.93	3.35	3.34	-22.20	21.65	-180.28	181.19	173.54	7.65	23.677	
400.00	399.93	394.15	394.08	3.41	3.40	-22.35	22.77	-183.26	181.25	173.49	7.77	23.339	
500.00	499.68	488.36	488.08	3.50	3.48	-22.66	24.98	-189.15	181.28	173.36	7.91	22.905	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
507.88	507.53	495.79	495.48	3.51	3.49	-22.70	25.20	-189.73	181.28	173.35	7.93	22.868	ES	
600.00	599.13	582.58	581.83	3.61	3.59	-23.13	28.28	-197.92	181.29	173.20	8.10	22.393		
700.00	698.43	676.77	675.19	3.75	3.72	-23.51	32.66	-209.57	183.20	174.89	8.31	22.038		
800.00	797.73	770.76	767.90	3.91	3.88	-23.63	38.10	-224.05	188.28	179.72	8.56	21.985		
900.00	897.02	864.36	859.66	4.09	4.07	-23.50	44.58	-241.30	196.51	187.67	8.85	22.212		
1,000.00	996.32	957.37	950.20	4.29	4.31	-23.17	52.07	-261.20	207.88	198.72	9.16	22.693		
1,100.00	1,095.61	1,053.14	1,042.78	4.50	4.60	-22.68	60.69	-284.16	221.95	212.42	9.53	23.291		
1,200.00	1,194.91	1,152.07	1,138.31	4.73	4.94	-22.21	69.73	-308.20	236.41	226.45	9.96	23.745		
1,300.00	1,294.21	1,251.00	1,233.85	4.97	5.30	-21.80	78.77	-332.25	250.88	240.47	10.41	24.104		
1,400.00	1,393.50	1,349.93	1,329.39	5.22	5.69	-21.43	87.81	-356.30	265.36	254.47	10.89	24.376		
1,500.00	1,492.80	1,448.86	1,424.93	5.47	6.09	-21.10	96.85	-380.34	279.85	268.48	11.37	24.614		
1,600.00	1,592.10	1,547.80	1,520.47	5.74	6.51	-20.80	105.89	-404.39	294.35	282.47	11.88	24.777		
1,700.00	1,691.39	1,646.73	1,616.01	6.01	6.94	-20.53	114.93	-428.44	308.86	296.46	12.40	24.903		
1,800.00	1,790.69	1,745.66	1,711.55	6.15	7.29	-20.29	123.96	-452.48	323.37	310.83	12.54	25.788		
1,900.00	1,889.99	1,844.59	1,807.09	6.18	7.45	-20.07	133.00	-476.53	337.89	325.42	12.48	27.081		
2,000.00	1,989.28	1,943.53	1,902.62	6.23	7.54	-19.86	142.04	-500.57	352.42	339.88	12.54	28.104		
2,100.00	2,088.58	2,042.46	1,998.16	6.29	7.66	-19.67	151.08	-524.62	366.94	354.31	12.64	29.038		
2,200.00	2,187.88	2,141.39	2,093.70	6.37	7.82	-19.50	160.12	-548.67	381.47	368.71	12.77	29.879		
2,300.00	2,287.17	2,240.32	2,189.24	6.46	8.00	-19.33	169.16	-572.71	396.01	383.08	12.93	30.625		
2,400.00	2,386.47	2,339.25	2,284.78	6.57	8.21	-19.18	178.20	-596.76	410.55	397.42	13.13	31.278		
2,500.00	2,485.77	2,438.19	2,380.32	6.70	8.44	-19.04	187.23	-620.81	425.08	411.73	13.35	31.841		
2,600.00	2,585.06	2,537.12	2,475.86	6.84	8.70	-18.91	196.27	-644.85	439.63	426.02	13.60	32.317		
2,700.00	2,684.36	2,636.05	2,571.40	6.99	8.97	-18.79	205.31	-668.90	454.17	440.29	13.88	32.714		
2,800.00	2,783.66	2,734.98	2,666.93	7.15	9.27	-18.67	214.35	-692.94	468.72	454.53	14.19	33.037		
2,900.00	2,882.95	2,833.92	2,762.47	7.32	9.59	-18.56	223.39	-716.99	483.26	468.75	14.52	33.292		
3,000.00	2,982.25	2,932.85	2,858.01	7.51	9.92	-18.46	232.43	-741.04	497.81	482.95	14.87	33.488		
3,100.00	3,081.55	3,031.78	2,953.55	7.70	10.26	-18.37	241.47	-765.08	512.37	497.13	15.24	33.630		
3,200.00	3,180.84	3,130.71	3,049.09	7.90	10.62	-18.28	250.50	-789.13	526.92	511.29	15.62	33.725		
3,300.00	3,280.14	3,229.64	3,144.63	8.11	10.99	-18.19	259.54	-813.18	541.47	525.44	16.03	33.779		
3,400.00	3,379.44	3,328.58	3,240.17	8.33	11.37	-18.11	268.58	-837.22	556.03	539.57	16.45	33.798		
3,500.00	3,478.73	3,427.51	3,335.71	8.55	11.75	-18.03	277.62	-861.27	570.58	553.69	16.89	33.787		
3,600.00	3,578.03	3,526.44	3,431.24	8.79	12.15	-17.96	286.66	-885.32	585.14	567.80	17.34	33.750		
3,700.00	3,677.33	3,625.37	3,526.78	9.02	12.56	-17.89	295.70	-909.36	599.69	581.89	17.80	33.691		
3,800.00	3,776.62	3,724.30	3,622.32	9.26	12.97	-17.82	304.74	-933.41	614.25	595.98	18.27	33.614		
3,900.00	3,875.92	3,823.24	3,717.86	9.51	13.39	-17.76	313.78	-957.45	628.81	610.05	18.76	33.523		
4,000.00	3,975.21	3,922.17	3,813.40	9.77	13.81	-17.70	322.81	-981.50	643.37	624.12	19.25	33.419		
4,100.00	4,074.51	4,021.10	3,908.94	10.02	14.24	-17.64	331.85	-1,005.55	657.93	638.18	19.75	33.305		
4,200.00	4,173.81	4,120.03	4,004.48	10.28	14.68	-17.58	340.89	-1,029.59	672.49	652.23	20.27	33.183		
4,300.00	4,273.10	4,218.97	4,100.02	10.55	15.12	-17.53	349.93	-1,053.64	687.05	666.27	20.79	33.055		
4,400.00	4,372.40	4,317.90	4,195.55	10.82	15.56	-17.48	358.97	-1,077.69	701.62	680.31	21.31	32.922		
4,500.00	4,471.70	4,416.83	4,291.09	11.09	16.00	-17.43	368.01	-1,101.73	716.18	694.34	21.84	32.786		
4,600.00	4,570.99	4,515.76	4,386.63	11.36	16.45	-17.39	377.05	-1,125.78	730.74	708.36	22.38	32.647		
4,700.00	4,670.29	4,614.69	4,482.17	11.64	16.91	-17.34	386.08	-1,149.82	745.31	722.38	22.93	32.507		
4,800.00	4,769.59	4,713.63	4,577.71	11.92	17.36	-17.30	395.12	-1,173.87	759.87	736.39	23.48	32.366		
4,900.00	4,868.88	4,812.56	4,673.25	12.20	17.82	-17.26	404.16	-1,197.92	774.43	750.40	24.03	32.225		
5,000.00	4,968.18	4,911.49	4,768.79	12.48	18.28	-17.22	413.20	-1,221.96	789.00	764.41	24.59	32.085		
5,100.00	5,067.48	5,010.42	4,864.33	12.77	18.75	-17.18	422.24	-1,246.01	803.56	778.41	25.15	31.945		
5,200.00	5,166.77	5,109.35	4,959.86	13.06	19.21	-17.14	431.28	-1,270.06	818.13	792.41	25.72	31.807		
5,300.00	5,266.07	5,208.29	5,055.40	13.35	19.68	-17.10	440.32	-1,294.10	832.70	806.40	26.29	31.670		
5,400.00	5,365.37	5,307.22	5,150.94	13.64	20.15	-17.07	449.35	-1,318.15	847.26	820.39	26.87	31.534		
5,500.00	5,464.66	5,406.15	5,246.48	13.93	20.62	-17.04	458.39	-1,342.19	861.83	834.38	27.45	31.401		
5,600.00	5,563.96	5,505.08	5,342.02	14.23	21.09	-17.00	467.43	-1,366.24	876.40	848.37	28.03	31.270		
5,700.00	5,663.26	5,604.02	5,437.56	14.52	21.57	-16.97	476.47	-1,390.29	890.96	862.35	28.61	31.141		
5,800.00	5,762.55	5,702.95	5,533.10	14.82	22.04	-16.94	485.51	-1,414.33	905.53	876.33	29.20	31.015		
5,900.00	5,861.85	5,801.88	5,628.64	15.12	22.52	-16.91	494.55	-1,438.38	920.10	890.31	29.79	30.890		
6,000.00	5,961.15	5,900.81	5,724.17	15.42	23.00	-16.88	503.59	-1,462.43	934.67	904.29	30.38	30.769		
6,100.00	6,060.44	6,000.26	5,819.71	15.72	23.48	-16.86	512.62	-1,486.47	949.23	918.26	30.97	30.647		
6,200.00	6,159.74	7,884.71	6,984.06	16.02	37.62	78.37	606.35	-613.58	866.12	834.62	31.50	27.495		
6,300.00	6,259.04	7,876.51	6,983.87	16.33	37.46	76.46	606.45	-621.79	770.41	738.09	32.32	23.836		
6,400.00	6,358.33	7,868.30	6,983.69	16.63	37.29	74.52	606.55	-630.00	675.84	642.45	33.38	20.245		
6,500.00	6,457.63	7,860.09	6,983.51	16.94	37.12	72.55	606.65	-638.20	582.96	548.15	34.82	16.744		
6,600.00	6,556.93	7,851.88	6,983.32	17.24	36.95	70.55	606.75	-646.41	492.75	455.92	36.83	13.378		
6,700.00	6,655.60	7,839.32	6,983.04	17.58	36.70	92.50	606.90	-658.96	407.46	367.75	39.71	10.262		
6,800.00	6,750.90	7,811.91	6,982.43	18.03	36.14	102.29	607.23	-686.37	332.43	288.82	43.61	7.623		
6,900.00	6,840.42	7,769.80	6,981.50	18.62	35.32	102.39	607.74	-728.46	274.25	225.89	48.36	5.671		
7,000.00	6,921.96	7,714.05	6,980.25	19.38	34.26	96.15	608.41	-784.19	239.68	187.27	52.41	4.573		

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 Depth (usft)	Vertical Depth (usft)	Measured Depth 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			
7,086.65	6,984.62	7,655.75	6,978.95	20.22	33.22	87.08	609.11	-842.47	230.81	177.14	53.67	4.301	SF			
7,100.00	6,993.53	7,646.02	6,978.74	20.35	33.06	85.50	609.23	-852.20	230.99	177.38	53.62	4.308				
7,200.00	7,053.34	7,567.39	6,976.99	21.56	31.75	73.32	610.18	-930.81	241.68	189.59	52.09	4.639				
7,300.00	7,099.94	7,486.33	6,974.12	23.05	30.53	63.08	611.06	-1,011.80	261.23	211.26	49.97	5.228				
7,400.00	7,132.16	7,412.25	6,963.93	24.79	29.51	55.01	611.16	-1,085.13	285.27	237.09	48.19	5.920				
7,500.00	7,149.23	7,340.65	6,946.10	26.74	28.65	48.41	610.52	-1,154.43	311.23	264.37	46.85	6.642				
7,600.00	7,152.13	7,271.39	6,921.58	28.83	27.93	43.75	609.20	-1,219.16	337.85	291.86	45.99	7.347				
7,700.00	7,152.42	7,207.67	6,892.97	31.05	27.37	40.25	607.39	-1,276.03	371.76	326.69	45.07	8.248				
7,800.00	7,152.72	7,150.00	6,862.31	33.39	26.96	36.92	605.29	-1,324.81	414.45	370.34	44.11	9.395				
7,900.00	7,153.01	7,100.00	6,832.26	35.82	26.67	34.02	603.11	-1,364.70	465.26	422.00	43.26	10.755				
8,000.00	7,153.31	7,050.00	6,799.20	38.33	26.44	31.21	600.63	-1,402.11	523.26	480.83	42.43	12.332				
8,100.00	7,153.61	7,015.07	6,774.41	40.90	26.31	29.32	598.72	-1,426.64	587.31	545.38	41.93	14.006				
8,200.00	7,153.90	6,980.11	6,748.30	43.52	26.20	27.52	596.67	-1,449.79	656.52	615.04	41.48	15.826				
8,300.00	7,154.20	6,950.00	6,724.83	46.18	26.12	26.03	594.79	-1,468.55	730.00	688.84	41.15	17.739				
8,400.00	7,154.49	6,921.86	6,702.12	48.87	26.06	24.71	592.96	-1,485.07	807.01	766.12	40.89	19.737				
8,500.00	7,154.79	6,900.00	6,683.99	51.60	26.01	23.72	591.48	-1,497.19	886.97	846.24	40.73	21.778				
8,600.00	7,155.08	6,875.83	6,663.48	54.35	25.98	22.67	589.79	-1,509.86	969.37	928.80	40.57	23.896				
8,700.00	7,155.38	6,850.00	6,641.04	57.12	25.94	21.61	587.92	-1,522.52	1,053.89	1,013.47	40.41	26.077				
8,800.00	7,155.67	6,850.00	6,641.04	59.91	25.94	21.61	587.92	-1,522.52	1,140.19	1,099.71	40.48	28.164				

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-77.00	41.53	-179.87	184.60				
100.00	100.00	103.00	103.00	3.28	3.28	-77.00	41.53	-179.87	184.60	177.07	7.53	24.524	
200.00	200.00	203.00	203.00	3.30	3.30	-77.00	41.53	-179.87	184.60	177.03	7.57	24.387	
300.00	300.00	299.91	299.91	3.35	3.35	-16.00	41.74	-180.25	184.63	176.97	7.65	24.125	
400.00	399.93	394.08	394.02	3.41	3.40	-16.00	43.29	-183.04	184.52	176.76	7.77	23.756	
500.00	499.68	488.26	487.98	3.50	3.49	-16.03	46.34	-188.52	184.22	176.31	7.92	23.272	
600.00	599.13	582.44	581.70	3.61	3.59	-16.07	50.90	-196.71	183.74	175.65	8.10	22.687	
608.20	607.28	590.17	589.37	3.62	3.60	-16.07	51.34	-197.50	183.73	175.62	8.12	22.641	CC, ES
700.00	698.43	676.62	675.04	3.75	3.72	-15.95	56.95	-207.57	185.06	176.75	8.32	22.257	
800.00	797.73	770.60	767.74	3.91	3.88	-15.58	64.47	-221.09	189.54	180.98	8.57	22.128	
900.00	897.02	864.20	859.50	4.09	4.07	-14.98	73.42	-237.18	197.19	188.34	8.85	22.288	
1,000.00	996.32	957.21	950.05	4.29	4.31	-14.23	83.77	-255.76	207.99	198.84	9.16	22.711	
1,100.00	1,095.61	1,049.79	1,039.44	4.50	4.59	-13.36	95.47	-276.78	221.95	212.46	9.50	23.371	
1,200.00	1,194.91	1,148.53	1,134.40	4.73	4.93	-12.47	108.63	-300.42	237.37	227.44	9.92	23.918	
1,300.00	1,294.21	1,247.27	1,229.37	4.97	5.30	-11.69	121.78	-324.06	252.83	242.46	10.38	24.367	
1,400.00	1,393.50	1,346.01	1,324.33	5.22	5.70	-10.99	134.94	-347.69	268.34	257.48	10.85	24.721	
1,500.00	1,492.80	1,444.75	1,419.29	5.47	6.12	-10.37	148.09	-371.33	283.88	272.54	11.34	25.038	
1,600.00	1,592.10	1,543.49	1,514.26	5.74	6.55	-9.82	161.25	-394.97	299.45	287.60	11.85	25.269	
1,700.00	1,691.39	1,642.24	1,609.22	6.01	6.99	-9.32	174.41	-418.60	315.04	302.67	12.37	25.459	
1,800.00	1,790.69	1,740.98	1,704.18	6.15	7.36	-8.87	187.56	-442.24	330.65	318.14	12.52	26.412	
1,900.00	1,889.99	1,839.72	1,799.15	6.18	7.55	-8.46	200.72	-465.88	346.29	333.82	12.46	27.785	
2,000.00	1,989.28	1,938.46	1,894.11	6.23	7.64	-8.08	213.87	-489.51	361.94	349.41	12.52	28.901	
2,100.00	2,088.58	2,037.20	1,989.08	6.29	7.77	-7.74	227.03	-513.15	377.60	364.98	12.62	29.924	
2,200.00	2,187.88	2,135.94	2,084.04	6.37	7.93	-7.42	240.19	-536.78	393.27	380.53	12.75	30.849	
2,300.00	2,287.17	2,234.68	2,179.00	6.46	8.12	-7.13	253.34	-560.42	408.96	396.05	12.91	31.675	
2,400.00	2,386.47	2,333.42	2,273.97	6.57	8.34	-6.86	266.50	-584.06	424.65	411.55	13.11	32.402	
2,500.00	2,485.77	2,432.17	2,368.93	6.70	8.58	-6.61	279.65	-607.69	440.36	427.03	13.33	33.034	
2,600.00	2,585.06	2,530.91	2,463.89	6.84	8.85	-6.37	292.81	-631.33	456.07	442.49	13.58	33.573	
2,700.00	2,684.36	2,629.65	2,558.86	6.99	9.14	-6.15	305.97	-654.97	471.79	457.92	13.87	34.027	
2,800.00	2,783.66	2,728.39	2,653.82	7.15	9.46	-5.95	319.12	-678.60	487.51	473.34	14.17	34.402	
2,900.00	2,882.95	2,827.13	2,748.79	7.32	9.79	-5.76	332.28	-702.24	503.24	488.74	14.50	34.704	
3,000.00	2,982.25	2,925.87	2,843.75	7.51	10.13	-5.57	345.43	-725.88	518.98	504.13	14.85	34.941	
3,100.00	3,081.55	3,024.61	2,938.71	7.70	10.49	-5.41	358.59	-749.51	534.72	519.50	15.23	35.120	
3,200.00	3,180.84	3,123.36	3,033.68	7.90	10.87	-5.24	371.75	-773.15	550.47	534.85	15.62	35.248	
3,300.00	3,280.14	3,222.10	3,128.64	8.11	11.25	-5.09	384.90	-796.79	566.21	550.19	16.03	35.332	
3,400.00	3,379.44	3,320.84	3,223.60	8.33	11.65	-4.95	398.06	-820.42	581.97	565.52	16.45	35.377	
3,500.00	3,478.73	3,419.58	3,318.57	8.55	12.06	-4.82	411.21	-844.06	597.72	580.83	16.89	35.388	
3,600.00	3,578.03	3,518.32	3,413.53	8.79	12.47	-4.69	424.37	-867.69	613.48	596.14	17.34	35.371	
3,700.00	3,677.33	3,617.06	3,508.49	9.02	12.89	-4.57	437.53	-891.33	629.24	611.43	17.81	35.331	
3,800.00	3,776.62	3,715.80	3,603.46	9.26	13.32	-4.45	450.68	-914.97	645.01	626.72	18.29	35.270	
3,900.00	3,875.92	3,814.55	3,698.42	9.51	13.76	-4.34	463.84	-938.60	660.77	642.00	18.78	35.192	
4,000.00	3,975.21	3,913.29	3,793.39	9.77	14.20	-4.23	477.00	-962.24	676.54	657.27	19.27	35.100	
4,100.00	4,074.51	4,012.03	3,888.35	10.02	14.65	-4.13	490.15	-985.88	692.32	672.53	19.78	34.996	
4,200.00	4,173.81	4,110.77	3,983.31	10.28	15.10	-4.04	503.31	-1,009.51	708.09	687.79	20.30	34.884	
4,300.00	4,273.10	4,209.51	4,078.28	10.55	15.56	-3.94	516.46	-1,033.15	723.86	703.04	20.82	34.764	
4,400.00	4,372.40	4,308.25	4,173.24	10.82	16.02	-3.86	529.62	-1,056.79	739.64	718.29	21.35	34.638	
4,500.00	4,471.70	4,406.99	4,268.20	11.09	16.48	-3.77	542.78	-1,080.42	755.42	733.53	21.89	34.509	
4,600.00	4,570.99	4,505.74	4,363.17	11.36	16.95	-3.69	555.93	-1,104.06	771.20	748.76	22.43	34.375	
4,700.00	4,670.29	4,604.48	4,458.13	11.64	17.42	-3.61	569.09	-1,127.69	786.98	764.00	22.98	34.240	
4,800.00	4,769.59	4,703.22	4,553.09	11.92	17.90	-3.54	582.24	-1,151.33	802.76	779.22	23.54	34.103	
4,900.00	4,868.88	4,801.96	4,648.06	12.20	18.37	-3.47	595.40	-1,174.97	818.55	794.45	24.10	33.966	
5,000.00	4,968.18	4,900.70	4,743.02	12.48	18.85	-3.40	608.56	-1,198.60	834.33	809.67	24.66	33.828	
5,100.00	5,067.48	4,999.44	4,837.99	12.77	19.34	-3.33	621.71	-1,222.24	850.12	824.89	25.23	33.691	
5,200.00	5,166.77	5,101.82	4,932.95	13.06	19.84	-3.27	634.87	-1,245.88	865.91	840.09	25.82	33.540	
5,300.00	5,266.07	5,203.08	5,027.91	13.35	20.33	-3.21	648.02	-1,269.51	881.70	855.29	26.40	33.395	
5,400.00	5,365.37	5,304.33	5,122.88	13.64	20.83	-3.15	661.18	-1,293.15	897.48	870.49	26.99	33.251	
5,500.00	5,464.66	5,405.59	5,217.84	13.93	21.34	-3.09	674.34	-1,316.79	913.28	885.69	27.58	33.110	
5,600.00	5,563.96	5,506.85	5,312.80	14.23	21.84	-3.03	687.49	-1,340.42	929.07	900.89	28.18	32.971	
5,700.00	5,663.26	5,608.11	5,407.77	14.52	22.34	-2.98	700.65	-1,364.06	944.86	916.08	28.78	32.835	
5,800.00	5,762.55	5,709.37	5,502.73	14.82	22.85	-2.93	713.80	-1,387.70	960.65	931.27	29.38	32.701	
5,900.00	5,861.85	5,789.37	5,597.70	15.12	23.25	-2.88	726.96	-1,411.33	976.44	946.54	29.91	32.647	
6,000.00	5,961.15	5,888.11	5,692.66	15.42	23.75	-2.83	740.12	-1,434.97	992.24	961.73	30.51	32.526	
6,100.00	6,060.44	5,986.86	5,787.62	15.72	24.25	-2.78	753.27	-1,458.60	1,008.03	976.93	31.11	32.406	
6,200.00	6,159.74	6,085.60	5,882.59	16.02	24.74	-2.74	766.43	-1,482.24	1,023.83	992.12	31.71	32.290	
6,300.00	6,259.04	6,181.33	5,978.61	16.33	25.25	-2.69	779.59	-1,505.87	1,039.63	1,007.92	32.31	32.175	
6,400.00	6,358.33	6,284.17	6,073.63	16.63	25.76	-2.64	792.75	-1,529.49	1,055.43	1,023.68	32.83	32.060	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,457.63	7,958.01	7,058.25	16.94	37.53	66.14	929.03	-644.39	832.93	790.78	42.16	19.759	
6,600.00	6,556.93	7,949.86	7,058.07	17.24	37.37	65.29	929.01	-652.55	760.30	715.93	44.37	17.136	
6,700.00	6,655.60	7,937.35	7,057.80	17.58	37.12	84.22	928.97	-665.05	694.76	647.98	46.78	14.852	
6,800.00	6,750.90	7,909.98	7,057.20	18.03	36.59	93.37	928.90	-692.42	639.61	590.52	49.09	13.030	
6,900.00	6,840.42	7,867.92	7,056.27	18.62	35.81	96.14	928.78	-734.47	597.24	546.16	51.08	11.692	
7,000.00	6,921.96	7,812.20	7,055.05	19.38	34.80	95.44	928.62	-790.18	568.53	516.01	52.52	10.825	
7,100.00	6,993.53	7,744.19	7,053.56	20.35	33.67	92.58	928.43	-858.16	552.45	499.06	53.39	10.348	
7,200.00	7,053.34	7,665.58	7,051.83	21.56	32.46	88.58	928.21	-936.76	546.29	492.50	53.79	10.155	
7,243.21	7,075.17	7,628.89	7,051.03	22.20	31.93	86.76	928.11	-973.44	545.80	491.87	53.93	10.121	
7,300.00	7,099.94	7,576.62	7,047.85	23.05	31.24	84.18	927.68	-1,025.59	546.36	492.37	53.99	10.120	
7,400.00	7,132.16	7,489.38	7,033.15	24.79	30.20	79.68	925.67	-1,111.50	549.85	495.45	54.40	10.107	
7,500.00	7,149.23	7,407.03	7,008.73	26.74	29.37	75.34	922.30	-1,190.01	556.01	500.90	55.11	10.088	
7,600.00	7,152.13	7,329.05	6,976.54	28.83	28.75	71.47	917.86	-1,260.84	564.43	508.39	56.05	10.071 SF	
7,700.00	7,152.42	7,259.41	6,940.72	31.05	28.31	67.88	912.92	-1,320.33	578.22	521.20	57.02	10.141	
7,800.00	7,152.72	7,200.00	6,905.24	33.39	28.02	64.45	908.02	-1,367.69	599.47	541.62	57.84	10.364	
7,900.00	7,153.01	7,150.00	6,872.10	35.82	27.83	61.36	903.44	-1,404.83	629.09	570.69	58.40	10.772	
8,000.00	7,153.31	7,100.00	6,836.17	38.33	27.69	58.14	898.47	-1,439.23	667.23	608.75	58.48	11.409	
8,100.00	7,153.61	7,062.92	6,807.86	40.90	27.60	55.72	894.55	-1,462.84	713.54	655.12	58.41	12.216	
8,200.00	7,153.90	7,029.44	6,781.16	43.52	27.54	53.53	890.86	-1,482.70	767.23	709.15	58.09	13.208	
8,300.00	7,154.20	7,000.00	6,756.86	46.18	27.49	51.61	887.50	-1,498.97	827.40	769.79	57.62	14.360	
8,400.00	7,154.49	6,974.98	6,735.64	48.87	27.46	49.99	884.57	-1,511.90	893.11	836.03	57.09	15.645	
8,500.00	7,154.79	6,950.00	6,713.97	51.60	27.42	48.40	881.57	-1,523.95	963.50	907.02	56.48	17.059	
8,600.00	7,155.08	6,933.00	6,698.96	54.35	27.41	47.33	879.49	-1,531.66	1,037.80	981.85	55.96	18.547	
8,700.00	7,155.38	6,915.53	6,683.33	57.12	27.39	46.24	877.33	-1,539.16	1,115.40	1,059.99	55.41	20.128	
8,800.00	7,155.67	6,900.00	6,669.27	59.91	27.38	45.29	875.38	-1,545.46	1,195.75	1,140.85	54.91	21.778	

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						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	-71.08	61.57	-179.59	189.85					
100.00	100.00	103.00	103.00	3.28	3.28	-71.08	61.57	-179.59	189.85	182.32	7.53	25.221		
200.00	200.00	203.00	203.00	3.30	3.30	-71.08	61.57	-179.59	189.85	182.28	7.57	25.081		
300.00	300.00	299.78	299.78	3.35	3.35	-10.07	61.80	-179.96	189.87	182.22	7.65	24.811		
400.00	399.93	393.72	393.66	3.41	3.40	-10.03	63.47	-182.65	189.73	181.96	7.77	24.426		
500.00	499.68	487.65	487.38	3.50	3.49	-9.96	66.76	-187.96	189.34	181.43	7.92	23.919		
600.00	599.13	581.60	580.86	3.61	3.59	-9.85	71.67	-195.88	188.74	180.64	8.10	23.306		
612.46	611.50	593.31	592.48	3.63	3.60	-9.83	72.39	-197.05	188.71	180.59	8.12	23.233	CC, ES	
700.00	698.43	675.53	673.97	3.75	3.72	-9.60	78.19	-206.40	189.94	181.63	8.31	22.849		
800.00	797.73	769.28	766.44	3.91	3.88	-9.17	86.30	-219.48	194.35	185.79	8.56	22.697		
900.00	897.02	862.65	857.99	4.09	4.07	-8.59	95.96	-235.05	201.97	193.12	8.84	22.843		
1,000.00	996.32	955.43	948.33	4.29	4.30	-7.89	107.11	-253.04	212.78	203.63	9.15	23.254		
1,100.00	1,095.61	1,047.46	1,037.20	4.50	4.58	-7.14	119.68	-273.31	226.79	217.30	9.48	23.913		
1,200.00	1,194.91	1,145.55	1,131.45	4.73	4.92	-6.35	134.01	-296.43	242.64	232.73	9.91	24.495		
1,300.00	1,294.21	1,244.23	1,226.26	4.97	5.29	-5.66	148.43	-319.68	258.55	248.19	10.36	24.962		
1,400.00	1,393.50	1,342.91	1,321.07	5.22	5.69	-5.05	162.85	-342.94	274.48	263.65	10.84	25.330		
1,500.00	1,492.80	1,441.59	1,415.88	5.47	6.11	-4.50	177.27	-366.20	290.45	279.13	11.32	25.657		
1,600.00	1,592.10	1,540.28	1,510.69	5.74	6.54	-4.01	191.69	-389.46	306.44	294.60	11.83	25.894		
1,700.00	1,691.39	1,638.96	1,605.50	6.01	6.99	-3.57	206.11	-412.72	322.44	310.08	12.36	26.088		
1,800.00	1,790.69	1,737.64	1,700.31	6.15	7.37	-3.17	220.53	-435.97	338.47	325.96	12.51	27.055		
1,900.00	1,889.99	1,836.32	1,795.12	6.18	7.56	-2.81	234.95	-459.23	354.51	342.05	12.46	28.452		
2,000.00	1,989.28	1,935.00	1,889.94	6.23	7.65	-2.48	249.37	-482.49	370.56	358.04	12.52	29.596		
2,100.00	2,088.58	2,033.68	1,984.75	6.29	7.78	-2.17	263.80	-505.75	386.62	374.00	12.62	30.645		
2,200.00	2,187.88	2,132.37	2,079.56	6.37	7.94	-1.89	278.22	-529.01	402.69	389.95	12.75	31.594		
2,300.00	2,287.17	2,231.05	2,174.37	6.46	8.14	-1.64	292.64	-552.26	418.77	405.86	12.91	32.440		
2,400.00	2,386.47	2,329.73	2,269.18	6.57	8.36	-1.40	307.06	-575.52	434.86	421.76	13.10	33.184		
2,500.00	2,485.77	2,428.41	2,363.99	6.70	8.60	-1.17	321.48	-598.78	450.96	437.63	13.33	33.829		
2,600.00	2,585.06	2,527.09	2,458.80	6.84	8.88	-0.97	335.90	-622.04	467.06	453.47	13.59	34.380		
2,700.00	2,684.36	2,625.77	2,553.61	6.99	9.17	-0.77	350.32	-645.30	483.17	469.30	13.87	34.842		
2,800.00	2,783.66	2,724.45	2,648.43	7.15	9.48	-0.59	364.74	-668.55	499.28	485.10	14.17	35.223		
2,900.00	2,882.95	2,823.14	2,743.24	7.32	9.82	-0.43	379.16	-691.81	515.40	500.89	14.51	35.529		
3,000.00	2,982.25	2,921.82	2,838.05	7.51	10.17	-0.27	393.58	-715.07	531.52	516.66	14.86	35.768		
3,100.00	3,081.55	3,020.50	2,932.86	7.70	10.53	-0.12	408.00	-738.33	547.64	532.41	15.23	35.947		
3,200.00	3,180.84	3,119.18	3,027.67	7.90	10.91	0.02	422.42	-761.58	563.77	548.14	15.63	36.074		
3,300.00	3,280.14	3,217.86	3,122.48	8.11	11.29	0.16	436.84	-784.84	579.90	563.86	16.04	36.155		
3,400.00	3,379.44	3,316.54	3,217.29	8.33	11.69	0.28	451.27	-808.10	596.03	579.57	16.47	36.197		
3,500.00	3,478.73	3,415.23	3,312.10	8.55	12.10	0.40	465.69	-831.36	612.17	595.26	16.91	36.204		
3,600.00	3,578.03	3,513.91	3,406.92	8.79	12.52	0.52	480.11	-854.62	628.31	610.94	17.36	36.183		
3,700.00	3,677.33	3,612.59	3,501.73	9.02	12.95	0.62	494.53	-877.87	644.45	626.62	17.83	36.137		
3,800.00	3,776.62	3,711.27	3,596.54	9.26	13.38	0.73	508.95	-901.13	660.59	642.28	18.31	36.070		
3,900.00	3,875.92	3,809.95	3,691.35	9.51	13.82	0.82	523.37	-924.39	676.74	657.93	18.81	35.986		
4,000.00	3,975.21	3,908.63	3,786.16	9.77	14.27	0.92	537.79	-947.65	692.89	673.58	19.31	35.888		
4,100.00	4,074.51	4,007.32	3,880.97	10.02	14.72	1.00	552.21	-970.91	709.04	689.22	19.82	35.778		
4,200.00	4,173.81	4,106.00	3,975.78	10.28	15.17	1.09	566.63	-994.16	725.19	704.85	20.34	35.660		
4,300.00	4,273.10	4,204.68	4,070.59	10.55	15.63	1.17	581.05	-1,017.42	741.34	720.47	20.86	35.533		
4,400.00	4,372.40	4,303.36	4,165.41	10.82	16.10	1.25	595.47	-1,040.68	757.49	736.09	21.40	35.401		
4,500.00	4,471.70	4,402.04	4,260.22	11.09	16.57	1.32	609.89	-1,063.94	773.65	751.71	21.94	35.265		
4,600.00	4,570.99	4,500.72	4,355.03	11.36	17.04	1.39	624.31	-1,087.20	789.80	767.32	22.48	35.126		
4,700.00	4,670.29	4,600.59	4,449.84	11.64	17.52	1.46	638.74	-1,110.45	805.96	782.92	23.04	34.979		
4,800.00	4,769.59	4,698.09	4,544.65	11.92	17.99	1.53	653.16	-1,133.71	822.12	798.52	23.60	34.842		
4,900.00	4,868.88	4,796.77	4,639.46	12.20	18.47	1.59	667.58	-1,156.97	838.28	814.12	24.16	34.698		
5,000.00	4,968.18	4,904.55	4,734.27	12.48	19.00	1.65	682.00	-1,180.23	854.44	829.68	24.76	34.514		
5,100.00	5,067.48	4,994.13	4,829.08	12.77	19.44	1.71	696.42	-1,203.49	870.60	845.30	25.30	34.412		
5,200.00	5,166.77	5,107.19	4,923.90	13.06	20.00	1.77	710.84	-1,226.74	886.76	860.84	25.92	34.209		
5,300.00	5,266.07	5,191.50	5,018.71	13.35	20.41	1.82	725.26	-1,250.00	902.92	876.47	26.46	34.130		
5,400.00	5,365.37	5,309.82	5,113.52	13.64	21.00	1.87	739.68	-1,273.26	919.08	891.98	27.10	33.910		
5,500.00	5,464.66	5,388.86	5,208.33	13.93	21.40	1.92	754.10	-1,296.52	935.25	907.62	27.63	33.855		
5,600.00	5,563.96	5,487.54	5,303.14	14.23	21.89	1.97	768.52	-1,319.78	951.41	923.20	28.22	33.720		
5,700.00	5,663.26	5,586.22	5,397.95	14.52	22.39	2.02	782.94	-1,343.03	967.58	938.77	28.81	33.587		
5,800.00	5,762.55	5,684.90	5,492.76	14.82	22.89	2.07	797.36	-1,366.29	983.74	954.34	29.40	33.456		
5,900.00	5,861.85	5,783.59	5,587.57	15.12	23.38	2.11	811.78	-1,389.55	999.91	969.91	30.00	33.328		
6,000.00	5,961.15	5,882.27	5,682.39	15.42	23.88	2.15	826.21	-1,412.81	1,016.08	985.48	30.60	33.202		
6,100.00	6,060.44	5,980.95	5,777.20	15.72	24.38	2.19	840.63	-1,436.07	1,032.25	1,001.04	31.21	33.079		
6,200.00	6,159.74	6,079.63	5,872.01	16.02	24.89	2.23	855.05	-1,459.32	1,048.41	1,016.60	31.81	32.958		
6,300.00	6,259.04	6,178.31	5,966.82	16.33	25.39	2.27	869.47	-1,482.58	1,064.58	1,032.17	32.42	32.839		
6,400.00	6,358.33	6,277.60	6,061.63	16.63	25.89	2.31	883.89	-1,505.84	1,080.75	1,048.34	33.03	32.720		

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	6,457.63	8,080.62	7,165.35	16.94	38.03	66.26	1,046.84	-644.43	991.87	949.25	42.62	23.273			
6,600.00	6,556.93	8,072.44	7,165.17	17.24	37.87	65.55	1,046.85	-652.61	919.49	874.99	44.51	20.659			
6,700.00	6,655.60	8,059.92	7,164.90	17.58	37.63	84.86	1,046.87	-665.13	853.01	806.48	46.53	18.334			
6,800.00	6,750.90	8,032.53	7,164.30	18.03	37.11	94.87	1,046.89	-692.51	795.20	746.76	48.44	16.415			
6,900.00	6,840.42	8,009.55	7,163.37	18.62	36.68	98.88	1,046.94	-734.58	748.06	697.60	50.46	14.825			
7,000.00	6,921.96	7,934.72	7,162.15	19.38	35.37	99.75	1,046.99	-790.30	712.45	660.93	51.52	13.829			
7,100.00	6,993.53	7,866.71	7,160.65	20.35	34.25	98.65	1,047.06	-858.30	687.99	635.42	52.57	13.087			
7,200.00	7,053.34	7,788.08	7,158.92	21.56	33.07	96.43	1,047.14	-936.90	673.07	619.71	53.36	12.614			
7,300.00	7,099.94	7,686.72	7,153.97	23.05	31.75	93.13	1,046.84	-1,038.10	664.84	611.12	53.72	12.376			
7,400.00	7,132.16	7,579.13	7,132.88	24.79	30.57	89.14	1,044.11	-1,143.44	659.19	604.94	54.25	12.151			
7,500.00	7,149.23	7,481.45	7,098.79	26.74	29.74	85.20	1,039.36	-1,234.75	656.00	600.65	55.34	11.853			
7,562.35	7,153.29	7,425.21	7,073.02	28.04	29.36	82.70	1,035.68	-1,284.58	655.38	599.13	56.25	11.651			
7,600.00	7,152.13	7,392.07	7,055.83	28.83	29.17	81.29	1,033.21	-1,312.81	655.45	598.62	56.82	11.535			
7,700.00	7,152.42	7,315.59	7,010.81	31.05	28.82	77.31	1,026.67	-1,374.22	659.39	600.80	58.60	11.253			
7,800.00	7,152.72	7,251.93	6,968.00	33.39	28.60	73.57	1,020.41	-1,420.88	670.27	609.91	60.36	11.105 SF			
7,900.00	7,153.01	7,200.00	6,929.80	35.82	28.47	70.30	1,014.79	-1,455.59	689.63	627.75	61.88	11.144			
8,000.00	7,153.31	7,155.15	6,894.66	38.33	28.39	67.35	1,009.60	-1,482.95	718.17	655.21	62.96	11.406			
8,100.00	7,153.61	7,118.32	6,864.43	40.90	28.33	64.87	1,005.13	-1,503.51	755.82	692.21	63.61	11.881			
8,200.00	7,153.90	7,087.20	6,838.02	43.52	28.29	62.76	1,001.21	-1,519.47	801.96	738.10	63.86	12.558			
8,300.00	7,154.20	7,060.70	6,814.93	46.18	28.26	60.96	997.78	-1,532.03	855.69	791.90	63.79	13.414			
8,400.00	7,154.49	7,037.91	6,794.69	48.87	28.24	59.41	994.76	-1,542.04	915.98	852.48	63.49	14.426			
8,500.00	7,154.79	7,018.17	6,776.87	51.60	28.22	58.07	992.11	-1,550.11	981.86	918.81	63.05	15.572			
8,600.00	7,155.08	7,000.00	6,760.26	54.35	28.21	56.85	989.63	-1,557.05	1,052.43	989.92	62.51	16.836			
8,700.00	7,155.38	6,985.76	6,747.11	57.12	28.20	55.91	987.66	-1,562.15	1,126.94	1,064.98	61.96	18.188			

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
0.00	0.00	3.00	3.00	3.28	3.28	-65.56	81.60	-179.59	197.26						
100.00	100.00	103.00	103.00	3.28	3.28	-65.56	81.60	-179.59	197.26	189.73	7.53	26.205			
200.00	200.00	203.00	203.00	3.30	3.30	-65.56	81.60	-179.59	197.26	189.69	7.57	26.060			
300.00	300.00	299.66	299.66	3.35	3.35	-4.55	81.86	-179.93	197.27	189.62	7.65	25.778			
400.00	399.93	393.37	393.31	3.41	3.41	-4.42	83.76	-182.45	197.08	189.31	7.77	25.372			
500.00	499.68	487.07	486.80	3.50	3.49	-4.18	87.51	-187.41	196.61	188.69	7.92	24.835			
600.00	599.13	580.78	580.05	3.61	3.59	-3.81	93.11	-194.81	195.87	187.77	8.10	24.184			
616.88	615.90	596.60	595.76	3.63	3.61	-3.73	94.23	-196.29	195.82	187.69	8.13	24.081	CC, ES		
700.00	698.43	674.47	672.92	3.75	3.72	-3.28	100.53	-204.63	196.93	188.62	8.31	23.689			
800.00	797.73	767.97	765.15	3.91	3.87	-2.60	109.77	-216.84	201.23	192.67	8.56	23.498			
900.00	897.02	861.09	856.46	4.09	4.07	-1.81	120.77	-231.38	208.76	199.92	8.84	23.610			
1,000.00	996.32	953.62	946.57	4.29	4.30	-0.94	133.46	-248.16	219.52	210.37	9.15	23.990			
1,100.00	1,095.61	1,045.40	1,035.22	4.50	4.57	-0.06	147.78	-267.10	233.49	224.00	9.49	24.614			
1,200.00	1,194.91	1,136.56	1,122.47	4.73	4.89	0.81	163.69	-288.13	250.63	240.79	9.85	25.455			
1,300.00	1,294.21	1,234.73	1,216.03	4.97	5.28	1.66	181.64	-311.87	269.26	258.95	10.31	26.128			
1,400.00	1,393.50	1,332.91	1,309.58	5.22	5.70	2.40	199.60	-335.61	287.93	277.14	10.79	26.688			
1,500.00	1,492.80	1,431.09	1,403.14	5.47	6.14	3.06	217.56	-359.36	306.65	295.37	11.28	27.184			
1,600.00	1,592.10	1,529.26	1,496.69	5.74	6.60	3.63	235.51	-383.10	325.40	313.60	11.81	27.565			
1,700.00	1,691.39	1,627.44	1,590.25	6.01	7.08	4.15	253.47	-406.84	344.18	331.84	12.34	27.889			
1,800.00	1,790.69	1,725.62	1,683.80	6.15	7.51	4.61	271.42	-430.58	362.98	350.46	12.52	28.994			
1,900.00	1,889.99	1,823.79	1,777.36	6.18	7.74	5.02	289.38	-454.32	381.81	369.32	12.49	30.565			
2,000.00	1,989.28	1,921.97	1,870.91	6.23	7.84	5.40	307.34	-478.07	400.65	388.10	12.55	31.916			
2,100.00	2,088.58	2,020.15	1,964.47	6.29	7.98	5.74	325.29	-501.81	419.51	406.85	12.65	33.159			
2,200.00	2,187.88	2,118.32	2,058.02	6.37	8.16	6.06	343.25	-525.55	438.37	425.59	12.79	34.288			
2,300.00	2,287.17	2,216.50	2,151.58	6.46	8.37	6.34	361.20	-549.29	457.26	444.30	12.95	35.299			
2,400.00	2,386.47	2,314.68	2,245.13	6.57	8.61	6.61	379.16	-573.03	476.15	462.99	13.16	36.192			
2,500.00	2,485.77	2,412.85	2,338.69	6.70	8.88	6.85	397.12	-596.77	495.05	481.66	13.39	36.972			
2,600.00	2,585.06	2,511.03	2,432.24	6.84	9.18	7.08	415.07	-620.52	513.96	500.30	13.65	37.642			
2,700.00	2,684.36	2,609.20	2,525.80	6.99	9.50	7.29	433.03	-644.26	532.87	518.93	13.95	38.209			
2,800.00	2,783.66	2,707.38	2,619.35	7.15	9.84	7.49	450.98	-668.00	551.80	537.53	14.27	38.681			
2,900.00	2,882.95	2,805.56	2,712.91	7.32	10.20	7.67	468.94	-691.74	570.72	556.12	14.61	39.068			
3,000.00	2,982.25	2,903.73	2,806.46	7.51	10.58	7.84	486.90	-715.48	589.66	574.68	14.98	39.374			
3,100.00	3,081.55	3,001.91	2,900.02	7.70	10.98	8.00	504.85	-739.22	608.59	593.23	15.36	39.613			
3,200.00	3,180.84	3,100.09	2,993.57	7.90	11.39	8.15	522.81	-762.97	627.54	611.77	15.77	39.790			
3,300.00	3,280.14	3,201.74	3,087.13	8.11	11.83	8.29	540.76	-786.71	646.48	630.28	16.21	39.892			
3,400.00	3,379.44	3,303.56	3,180.68	8.33	12.28	8.43	558.72	-810.45	665.43	648.78	16.66	39.946			
3,500.00	3,478.73	3,405.38	3,274.24	8.55	12.74	8.55	576.68	-834.19	684.39	667.26	17.13	39.960			
3,600.00	3,578.03	3,492.79	3,367.79	8.79	13.15	8.67	594.63	-857.93	703.34	685.77	17.57	40.032			
3,700.00	3,677.33	3,590.97	3,461.35	9.02	13.61	8.79	612.59	-881.68	722.30	704.25	18.05	40.007			
3,800.00	3,776.62	3,689.15	3,554.90	9.26	14.08	8.89	630.55	-905.42	741.26	722.71	18.55	39.958			
3,900.00	3,875.92	3,787.32	3,648.46	9.51	14.56	9.00	648.50	-929.16	760.23	741.17	19.06	39.888			
4,000.00	3,975.21	3,885.50	3,742.01	9.77	15.04	9.09	666.46	-952.90	779.20	759.62	19.58	39.801			
4,100.00	4,074.51	3,983.68	3,835.57	10.02	15.53	9.19	684.41	-976.64	798.16	778.06	20.10	39.701			
4,200.00	4,173.81	4,081.85	3,929.12	10.28	16.02	9.28	702.37	-1,000.38	817.13	796.49	20.64	39.589			
4,300.00	4,273.10	4,180.03	4,022.68	10.55	16.52	9.36	720.33	-1,024.13	836.11	814.92	21.18	39.468			
4,400.00	4,372.40	4,278.21	4,116.23	10.82	17.02	9.44	738.28	-1,047.87	855.08	833.34	21.74	39.340			
4,500.00	4,471.70	4,376.38	4,209.79	11.09	17.52	9.52	756.24	-1,071.61	874.06	851.76	22.29	39.206			
4,600.00	4,570.99	4,474.56	4,303.34	11.36	18.03	9.59	774.19	-1,095.35	893.03	870.17	22.86	39.069			
4,700.00	4,670.29	4,572.74	4,396.90	11.64	18.54	9.66	792.15	-1,119.09	912.01	888.58	23.43	38.928			
4,800.00	4,769.59	4,670.91	4,490.45	11.92	19.06	9.73	810.11	-1,142.83	930.99	906.99	24.00	38.785			
4,900.00	4,868.88	4,769.09	4,584.01	12.20	19.57	9.79	828.06	-1,166.58	949.97	925.39	24.58	38.641			
5,000.00	4,968.18	4,867.26	4,677.56	12.48	20.09	9.86	846.02	-1,190.32	968.95	943.78	25.17	38.496			
5,100.00	5,067.48	4,965.44	4,771.12	12.77	20.62	9.92	863.97	-1,214.06	987.94	962.18	25.76	38.352			
5,200.00	5,166.77	5,063.62	4,864.67	13.06	21.14	9.98	881.93	-1,237.80	1,006.92	980.57	26.35	38.208			
5,300.00	5,266.07	5,161.79	4,958.23	13.35	21.67	10.03	899.89	-1,261.54	1,025.90	998.95	26.95	38.065			
5,400.00	5,365.37	5,259.97	5,051.78	13.64	22.19	10.09	917.84	-1,285.29	1,044.89	1,017.34	27.55	37.924			
5,500.00	5,464.66	5,358.15	5,145.34	13.93	22.72	10.14	935.80	-1,309.03	1,063.88	1,035.72	28.16	37.783			
5,600.00	5,563.96	5,456.32	5,238.89	14.23	23.26	10.19	953.75	-1,332.77	1,082.86	1,054.10	28.76	37.645			
5,700.00	5,663.26	5,554.50	5,332.45	14.52	23.79	10.24	971.71	-1,356.51	1,101.85	1,072.48	29.38	37.509			
5,800.00	5,762.55	5,652.68	5,426.00	14.82	24.32	10.28	989.67	-1,380.25	1,120.84	1,090.85	29.99	37.375			
5,900.00	5,861.85	5,750.85	5,519.56	15.12	24.86	10.33	1,007.62	-1,403.99	1,139.83	1,109.23	30.61	37.243			
6,000.00	5,961.15	5,849.03	5,613.11	15.42	25.40	10.37	1,025.58	-1,427.74	1,158.82	1,127.60	31.22	37.113			
6,100.00	6,060.44	5,947.21	5,706.67	15.72	25.93	10.41	1,043.53	-1,451.48	1,177.81	1,145.97	31.84	36.986			
6,200.00	6,159.74	6,045.38	5,800.22	16.02	26.47	10.45	1,061.49	-1,475.22	1,196.80	1,164.34	32.47	36.861			
6,300.00	6,259.04	7,968.66	6,993.50	16.33	39.00	65.15	1,283.01	-622.21	1,195.46	1,150.04	45.41	26.324			
6,400.00	6,358.33	7,960.41	6,993.32	16.63	38.84	64.63	1,283.03	-630.46	1,132.54	1,085.46	47.08	24.054			

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	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)				
6,500.00	6,457.63	7,952.15	6,993.15	16.94	38.68	64.10	1,283.05	-638.72	1,075.20	1,026.39	48.81	22.028			
6,600.00	6,556.93	7,943.90	6,992.97	17.24	38.53	63.58	1,283.07	-646.97	1,024.37	973.82	50.54	20.267			
6,700.00	6,655.60	7,931.30	6,992.70	17.58	38.29	80.48	1,283.10	-659.57	981.30	929.15	52.15	18.818			
6,800.00	6,750.90	7,903.84	6,992.12	18.03	37.78	87.96	1,283.17	-687.02	947.77	894.40	53.37	17.760			
6,900.00	6,840.42	7,861.69	6,991.22	18.62	37.04	90.19	1,283.27	-729.16	924.38	870.19	54.18	17.061			
7,000.00	6,921.96	7,805.89	6,990.03	19.38	36.09	89.85	1,283.41	-784.94	910.54	855.96	54.58	16.684			
7,100.00	6,993.53	7,737.82	6,988.58	20.35	35.04	88.02	1,283.57	-853.00	904.67	849.94	54.73	16.529			
7,151.39	7,025.83	7,701.40	6,987.75	20.97	34.49	86.75	1,283.67	-892.21	904.02	849.20	54.82	16.491			
7,200.00	7,053.34	7,659.15	6,986.91	21.56	33.93	85.46	1,283.76	-931.65	904.50	849.71	54.79	16.510			
7,300.00	7,099.94	7,567.90	6,983.14	23.05	32.80	82.62	1,283.64	-1,022.79	907.47	852.63	54.84	16.549			
7,400.00	7,132.16	7,476.14	6,967.88	24.79	31.85	79.70	1,281.32	-1,113.17	911.41	856.18	55.23	16.502			
7,500.00	7,149.23	7,390.10	6,942.13	26.74	31.13	76.92	1,276.95	-1,195.08	915.85	859.77	56.08	16.331			
7,600.00	7,152.13	7,309.13	6,908.20	28.83	30.60	74.43	1,270.97	-1,268.29	920.68	863.39	57.30	16.069			
7,700.00	7,152.42	7,237.37	6,870.71	31.05	30.25	72.07	1,264.24	-1,329.07	928.57	869.76	58.81	15.789			
7,800.00	7,152.72	7,175.49	6,833.17	33.39	30.02	69.73	1,257.41	-1,377.75	941.24	880.77	60.46	15.567			
7,900.00	7,153.01	7,122.52	6,797.48	35.82	29.87	67.55	1,250.87	-1,416.32	959.65	897.55	62.10	15.453 SF			
8,000.00	7,153.31	7,077.27	6,764.58	38.33	29.77	65.56	1,244.81	-1,446.78	984.42	920.81	63.62	15.475			
8,100.00	7,153.61	7,038.52	6,734.79	40.90	29.70	63.79	1,239.29	-1,470.92	1,015.78	950.86	64.92	15.646			
8,200.00	7,153.90	7,000.00	6,703.79	43.52	29.64	61.99	1,233.54	-1,493.05	1,053.70	987.80	65.90	15.989			
8,300.00	7,154.20	6,976.42	6,684.19	46.18	29.61	60.86	1,229.89	-1,505.64	1,097.82	1,031.01	66.81	16.432			
8,400.00	7,154.49	6,950.00	6,661.71	48.87	29.58	59.59	1,225.70	-1,518.86	1,147.78	1,080.41	67.38	17.035			

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis				Distance					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	0.40	80.15	0.56	80.15				
100.00	100.00	100.00	100.00	3.28	3.28	0.40	80.15	0.56	80.15	72.62	7.53	10.648	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	80.15	0.56	80.15	72.58	7.57	10.589	
269.80	269.80	269.34	269.34	3.33	3.33	61.64	80.20	0.52	80.00	72.38	7.62	10.494	CC, ES
300.00	300.00	298.83	298.83	3.35	3.35	61.51	80.50	0.35	80.30	72.65	7.65	10.493	
400.00	399.93	396.46	396.40	3.41	3.41	62.38	83.37	-1.35	81.57	73.79	7.77	10.492	
500.00	499.68	494.03	493.73	3.50	3.50	64.05	89.09	-4.73	84.15	76.21	7.94	10.603	
600.00	599.13	591.48	590.67	3.61	3.61	66.35	97.64	-9.79	88.16	80.01	8.14	10.826	
700.00	698.43	688.78	687.06	3.75	3.74	68.04	109.01	-16.51	94.45	86.05	8.40	11.246	
800.00	797.73	785.74	782.62	3.91	3.90	68.35	123.14	-24.87	103.45	94.76	8.70	11.894	
900.00	897.02	883.01	877.90	4.09	4.10	67.63	139.98	-34.83	115.00	105.96	9.04	12.716	
1,000.00	996.32	982.24	974.93	4.29	4.34	66.79	157.89	-45.42	127.25	117.80	9.45	13.467	
1,100.00	1,095.61	1,081.48	1,071.96	4.50	4.61	66.10	175.79	-56.01	139.53	129.64	9.89	14.111	
1,200.00	1,194.91	1,180.71	1,168.98	4.73	4.89	65.52	193.70	-66.60	151.82	141.46	10.35	14.661	
1,300.00	1,294.21	1,279.94	1,266.01	4.97	5.20	65.03	211.60	-77.18	164.12	153.27	10.85	15.130	
1,400.00	1,393.50	1,379.17	1,363.04	5.22	5.51	64.61	229.50	-87.77	176.43	165.07	11.36	15.533	
1,500.00	1,492.80	1,478.40	1,460.06	5.47	5.85	64.24	247.41	-98.36	188.75	176.86	11.89	15.875	
1,600.00	1,592.10	1,577.63	1,557.09	5.74	6.19	63.92	265.31	-108.95	201.08	188.64	12.44	16.169	
1,700.00	1,691.39	1,676.86	1,654.12	6.01	6.53	63.63	283.22	-119.54	213.41	200.42	13.00	16.422	
1,800.00	1,790.69	1,776.09	1,751.14	6.15	6.77	63.38	301.12	-130.13	225.75	212.81	12.94	17.440	
1,900.00	1,889.99	1,875.33	1,848.17	6.18	6.86	63.15	319.02	-140.72	238.09	225.06	13.03	18.274	
2,000.00	1,989.28	1,974.56	1,945.20	6.23	6.93	62.95	336.93	-151.30	250.44	237.32	13.12	19.095	
2,100.00	2,088.58	2,073.79	2,042.22	6.29	7.03	62.76	354.83	-161.89	262.79	249.55	13.24	19.852	
2,200.00	2,187.88	2,173.02	2,139.25	6.37	7.15	62.59	372.74	-172.48	275.14	261.74	13.39	20.540	
2,300.00	2,287.17	2,272.25	2,236.28	6.46	7.29	62.44	390.64	-183.07	287.49	273.90	13.59	21.161	
2,400.00	2,386.47	2,371.48	2,333.30	6.57	7.46	62.29	408.54	-193.66	299.85	286.04	13.81	21.714	
2,500.00	2,485.77	2,470.71	2,430.33	6.70	7.64	62.16	426.45	-204.25	312.20	298.14	14.06	22.201	
2,600.00	2,585.06	2,569.94	2,527.36	6.84	7.84	62.04	444.35	-214.83	324.56	310.21	14.35	22.625	
2,700.00	2,684.36	2,669.18	2,624.38	6.99	8.05	61.93	462.26	-225.42	336.92	322.26	14.65	22.990	
2,800.00	2,783.66	2,768.41	2,721.41	7.15	8.29	61.83	480.16	-236.01	349.28	334.29	14.99	23.302	
2,900.00	2,882.95	2,867.64	2,818.44	7.32	8.53	61.73	498.06	-246.60	361.64	346.29	15.35	23.563	
3,000.00	2,982.25	2,966.87	2,915.46	7.51	8.79	61.64	515.97	-257.19	374.00	358.28	15.73	23.780	
3,100.00	3,081.55	3,066.10	3,012.49	7.70	9.06	61.55	533.87	-267.78	386.37	370.24	16.13	23.956	
3,200.00	3,180.84	3,165.33	3,109.52	7.90	9.34	61.48	551.78	-278.36	398.73	382.18	16.55	24.096	
3,300.00	3,280.14	3,264.56	3,206.54	8.11	9.63	61.40	569.68	-288.95	411.10	394.11	16.98	24.205	
3,400.00	3,379.44	3,363.79	3,303.57	8.33	9.93	61.33	587.58	-299.54	423.46	406.03	17.44	24.287	
3,500.00	3,478.73	3,463.02	3,400.60	8.55	10.24	61.26	605.49	-310.13	435.83	417.92	17.90	24.345	
3,600.00	3,578.03	3,562.26	3,497.62	8.79	10.55	61.20	623.39	-320.72	448.19	429.81	18.38	24.381	
3,700.00	3,677.33	3,661.49	3,594.65	9.02	10.88	61.14	641.30	-331.31	460.56	441.69	18.88	24.400	
3,800.00	3,776.62	3,760.72	3,691.68	9.26	11.20	61.09	659.20	-341.90	472.93	453.55	19.38	24.404	
3,900.00	3,875.92	3,859.95	3,788.70	9.51	11.54	61.03	677.10	-352.48	485.30	465.40	19.89	24.394	
4,000.00	3,975.21	3,959.18	3,885.73	9.77	11.88	60.98	695.01	-363.07	497.66	477.25	20.42	24.374	
4,100.00	4,074.51	4,058.41	3,982.76	10.02	12.22	60.93	712.91	-373.66	510.03	489.08	20.95	24.344	
4,200.00	4,173.81	4,157.64	4,079.78	10.28	12.57	60.89	730.82	-384.25	522.40	500.91	21.49	24.306	
4,300.00	4,273.10	4,256.87	4,176.81	10.55	12.92	60.84	748.72	-394.84	534.77	512.73	22.04	24.261	
4,400.00	4,372.40	4,356.11	4,273.84	10.82	13.27	60.80	766.62	-405.43	547.14	524.54	22.60	24.212	
4,500.00	4,471.70	4,455.34	4,370.86	11.09	13.63	60.76	784.53	-416.01	559.51	536.35	23.16	24.157	
4,600.00	4,570.99	4,554.57	4,467.89	11.36	13.99	60.72	802.43	-426.60	571.88	548.15	23.73	24.100	
4,700.00	4,670.29	4,653.80	4,564.92	11.64	14.36	60.69	820.34	-437.19	584.25	559.95	24.30	24.039	
4,800.00	4,769.59	4,753.03	4,661.94	11.92	14.73	60.65	838.24	-447.78	596.62	571.74	24.88	23.976	
4,900.00	4,868.88	4,852.26	4,758.97	12.20	15.10	60.62	856.14	-458.37	608.99	583.52	25.47	23.912	
5,000.00	4,968.18	4,951.49	4,856.00	12.48	15.47	60.59	874.05	-468.96	621.36	595.31	26.06	23.846	
5,100.00	5,067.48	5,050.72	4,953.02	12.77	15.84	60.55	891.95	-479.54	633.74	607.08	26.65	23.779	
5,200.00	5,166.77	5,149.96	5,050.05	13.06	16.22	60.52	909.86	-490.13	646.11	618.86	27.25	23.712	
5,300.00	5,266.07	5,249.19	5,147.08	13.35	16.60	60.50	927.76	-500.72	658.48	630.63	27.85	23.645	
5,400.00	5,365.37	5,348.42	5,244.10	13.64	16.98	60.47	945.66	-511.31	670.85	642.40	28.45	23.577	
5,500.00	5,464.66	5,447.65	5,341.13	13.93	17.36	60.44	963.57	-521.90	683.22	654.16	29.06	23.510	
5,600.00	5,563.96	5,546.88	5,438.16	14.23	17.74	60.42	981.47	-532.49	695.59	665.92	29.67	23.443	
5,700.00	5,663.26	5,646.11	5,535.18	14.52	18.13	60.39	999.38	-543.08	707.97	677.68	30.29	23.377	
5,800.00	5,762.55	5,745.34	5,632.21	14.82	18.52	60.37	1,017.28	-553.66	720.34	689.44	30.90	23.311	
5,900.00	5,861.85	5,844.57	5,729.24	15.12	18.90	60.34	1,035.19	-564.25	732.71	701.19	31.52	23.246	
6,000.00	5,961.15	5,943.81	5,826.26	15.42	19.29	60.32	1,053.09	-574.84	745.08	712.94	32.14	23.181	
6,100.00	6,060.44	6,043.04	5,923.29	15.72	19.68	60.30	1,070.99	-585.43	757.46	724.69	32.76	23.118	
6,200.00	6,159.74	6,142.27	6,020.32	16.02	20.07	60.28	1,088.90	-596.02	769.83	736.44	33.39	23.056	
6,300.00	6,259.04	6,241.50	6,117.34	16.33	20.46	60.26	1,106.80	-606.61	782.20	748.18	34.02	22.994	
6,400.00	6,358.33	6,340.73	6,214.37	16.63	20.86	60.24	1,124.71	-617.19	794.58	759.93	34.65	22.934	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,457.63	6,439.96	6,311.40	16.94	21.25	60.22	1,142.61	-627.78	806.95	771.67	35.28	22.874	
6,600.00	6,556.93	6,539.19	6,408.42	17.24	21.64	60.20	1,160.51	-638.37	819.32	783.41	35.91	22.816	
6,700.00	6,655.60	6,639.16	6,505.21	17.58	22.05	73.80	1,178.34	-655.32	831.61	795.02	36.59	22.728	
6,800.00	6,750.90	6,738.88	6,598.02	18.03	22.55	78.50	1,195.34	-687.28	843.49	806.00	37.49	22.502	
6,900.00	6,840.42	6,838.33	6,684.58	18.62	23.15	79.80	1,211.10	-733.42	854.66	816.00	38.66	22.110	
7,000.00	6,921.96	6,937.55	6,762.87	19.38	23.88	80.05	1,225.26	-792.54	864.85	824.69	40.16	21.534	
7,100.00	6,993.53	7,036.58	6,831.08	20.35	24.76	79.90	1,237.49	-863.15	873.81	831.73	42.09	20.763	
7,200.00	7,053.34	7,135.45	6,887.64	21.56	25.82	79.61	1,247.50	-943.50	881.32	836.81	44.50	19.804	
7,300.00	7,099.94	7,234.16	6,931.25	23.05	27.09	79.29	1,255.07	-1,031.62	887.18	839.73	47.45	18.698	
7,400.00	7,132.16	7,332.73	6,960.92	24.79	28.57	79.03	1,260.03	-1,125.38	891.26	840.37	50.89	17.514	
7,500.00	7,149.23	7,431.13	6,976.02	26.74	30.23	78.84	1,262.27	-1,222.49	893.45	838.73	54.72	16.327	
7,600.00	7,152.13	7,530.21	6,977.88	28.83	32.06	78.76	1,262.05	-1,321.52	893.88	835.04	58.84	15.192	
7,700.00	7,152.42	7,630.21	6,977.62	31.05	34.05	78.72	1,261.44	-1,421.52	893.98	830.76	63.22	14.141	
7,800.00	7,152.72	7,730.21	6,977.37	33.39	36.19	78.69	1,260.82	-1,521.51	894.08	826.26	67.81	13.184	
7,900.00	7,153.01	7,830.21	6,977.11	35.82	38.44	78.65	1,260.20	-1,621.51	894.17	821.59	72.59	12.319	
8,000.00	7,153.31	7,930.20	6,976.86	38.33	40.79	78.62	1,259.59	-1,721.50	894.27	816.77	77.50	11.539	
8,100.00	7,153.61	8,030.20	6,976.60	40.90	43.22	78.59	1,258.97	-1,821.50	894.37	811.84	82.53	10.836	
8,200.00	7,153.90	8,130.20	6,976.35	43.52	45.71	78.55	1,258.35	-1,921.50	894.47	806.81	87.66	10.204	
8,300.00	7,154.20	8,230.20	6,976.09	46.18	48.27	78.52	1,257.74	-2,021.49	894.57	801.70	92.87	9.632	
8,400.00	7,154.49	8,330.20	6,975.84	48.87	50.86	78.48	1,257.12	-2,121.49	894.67	796.52	98.15	9.116	
8,500.00	7,154.79	8,430.20	6,975.59	51.60	53.50	78.45	1,256.50	-2,221.49	894.77	791.29	103.48	8.647	
8,600.00	7,155.08	8,530.19	6,975.33	54.35	56.18	78.41	1,255.88	-2,321.48	894.87	786.01	108.86	8.220	
8,700.00	7,155.38	8,630.19	6,975.08	57.12	58.88	78.38	1,255.27	-2,421.48	894.97	780.69	114.28	7.831	
8,800.00	7,155.67	8,730.19	6,974.82	59.91	61.60	78.34	1,254.65	-2,521.47	895.07	775.34	119.74	7.475	
8,900.00	7,155.97	8,830.19	6,974.57	62.71	64.35	78.31	1,254.03	-2,621.47	895.18	769.95	125.22	7.149	
9,000.00	7,156.26	8,930.19	6,974.31	65.53	67.12	78.27	1,253.42	-2,721.47	895.28	764.54	130.74	6.848	
9,100.00	7,156.56	9,030.19	6,974.06	68.36	69.90	78.24	1,252.80	-2,821.46	895.38	759.11	136.27	6.571	
9,200.00	7,156.85	9,130.19	6,973.80	71.20	72.70	78.20	1,252.18	-2,921.46	895.48	753.65	141.83	6.314	
9,300.00	7,157.15	9,230.18	6,973.55	74.05	75.51	78.17	1,251.57	-3,021.46	895.58	748.18	147.40	6.076	
9,400.00	7,157.44	9,330.18	6,973.29	76.91	78.34	78.14	1,250.95	-3,121.45	895.69	742.70	152.99	5.855	
9,500.00	7,157.74	9,430.18	6,973.04	79.78	81.17	78.10	1,250.33	-3,221.45	895.79	737.20	158.59	5.648	
9,600.00	7,158.03	9,530.18	6,972.79	82.65	84.01	78.07	1,249.72	-3,321.44	895.90	731.69	164.21	5.456	
9,700.00	7,158.33	9,630.18	6,972.53	85.53	86.86	78.03	1,249.10	-3,421.44	896.00	726.17	169.83	5.276	
9,800.00	7,158.63	9,730.18	6,972.28	88.41	89.72	78.00	1,248.48	-3,521.44	896.10	720.64	175.47	5.107	
9,900.00	7,158.92	9,830.18	6,972.02	91.30	92.58	77.96	1,247.86	-3,621.43	896.21	715.10	181.11	4.948	
10,000.00	7,159.22	9,930.17	6,971.77	94.20	95.45	77.93	1,247.25	-3,721.43	896.31	709.55	186.76	4.799	
10,100.00	7,159.51	10,030.17	6,971.51	97.10	98.33	77.89	1,246.63	-3,821.43	896.42	704.00	192.42	4.659	
10,200.00	7,159.81	10,130.17	6,971.26	100.00	101.21	77.86	1,246.01	-3,921.42	896.53	698.44	198.08	4.526	
10,300.00	7,160.10	10,230.17	6,971.00	102.90	104.10	77.83	1,245.40	-4,021.42	896.63	692.88	203.75	4.401	
10,400.00	7,160.40	10,330.17	6,970.75	105.81	106.99	77.79	1,244.78	-4,121.41	896.74	687.31	209.43	4.282	
10,500.00	7,160.69	10,430.17	6,970.49	108.72	109.88	77.76	1,244.16	-4,221.41	896.84	681.74	215.11	4.169	
10,600.00	7,160.99	10,530.16	6,970.24	111.64	112.78	77.72	1,243.55	-4,321.41	896.95	676.16	220.79	4.062	
10,700.00	7,161.28	10,630.16	6,969.98	114.55	115.68	77.69	1,242.93	-4,421.40	897.06	670.58	226.48	3.961	
10,800.00	7,161.58	10,730.16	6,969.73	117.47	118.58	77.65	1,242.31	-4,521.40	897.17	665.00	232.17	3.864	
10,900.00	7,161.87	10,830.16	6,969.48	120.39	121.49	77.62	1,241.69	-4,621.40	897.27	659.41	237.86	3.772	
11,000.00	7,162.17	10,930.16	6,969.22	123.31	124.40	77.58	1,241.08	-4,721.39	897.38	653.83	243.56	3.685	
11,100.00	7,162.46	11,030.16	6,968.97	126.24	127.31	77.55	1,240.46	-4,821.39	897.49	648.24	249.25	3.601	
11,200.00	7,162.76	11,130.16	6,968.71	129.16	130.22	77.52	1,239.84	-4,921.38	897.60	642.65	254.95	3.521	
11,300.00	7,163.06	11,230.15	6,968.46	132.09	133.14	77.48	1,239.23	-5,021.38	897.71	637.06	260.65	3.444	
11,400.00	7,163.35	11,330.15	6,968.20	135.02	136.06	77.45	1,238.61	-5,121.38	897.82	631.46	266.36	3.371	
11,500.00	7,163.65	11,430.15	6,967.95	137.95	138.98	77.41	1,237.99	-5,221.37	897.93	625.87	272.06	3.300	
11,600.00	7,163.94	11,530.15	6,967.69	140.88	141.90	77.38	1,237.38	-5,321.37	898.04	620.27	277.77	3.233	
11,700.00	7,164.24	11,630.15	6,967.44	143.82	144.82	77.34	1,236.76	-5,421.37	898.15	614.68	283.47	3.168	
11,800.00	7,164.53	11,730.15	6,967.18	146.75	147.75	77.31	1,236.14	-5,521.36	898.26	609.08	289.18	3.106	
11,900.00	7,164.83	11,830.15	6,966.93	149.69	150.67	77.27	1,235.52	-5,621.36	898.37	603.49	294.89	3.046	
12,000.00	7,165.12	11,930.14	6,966.68	152.62	153.60	77.24	1,234.91	-5,721.35	898.49	597.89	300.60	2.989	
12,100.00	7,165.42	12,030.14	6,966.42	155.56	156.53	77.21	1,234.29	-5,821.35	898.60	592.29	306.30	2.934	
12,200.00	7,165.71	12,130.14	6,966.17	158.50	159.46	77.17	1,233.67	-5,921.35	898.71	586.70	312.01	2.880	
12,300.00	7,166.01	12,230.14	6,965.91	161.44	162.39	77.14	1,233.06	-6,021.34	898.82	581.10	317.72	2.829	
12,400.00	7,166.30	12,330.14	6,965.66	164.38	165.32	77.10	1,232.44	-6,121.34	898.93	575.50	323.43	2.779	
12,500.00	7,166.60	12,430.14	6,965.40	167.32	168.26	77.07	1,231.82	-6,221.34	899.05	569.90	329.14	2.731	
12,600.00	7,166.89	12,530.13	6,965.15	170.26	171.19	77.03	1,231.21	-6,321.33	899.16	564.31	334.85	2.685	
12,700.00	7,167.19	12,630.13	6,964.89	173.20	174.13	77.00	1,230.59	-6,421.33	899.28	558.71	340.56	2.641	
12,800.00	7,167.49	12,730.13	6,964.64	176.14	177.06	76.97	1,229.97	-6,521.32	899.39	553.12	346.27	2.597	
12,900.00	7,167.78	12,830.13	6,964.38	179.09	180.00	76.93	1,229.35	-6,621.32	899.50	547.52	351.98	2.556	
13,000.00	7,168.08	12,930.13	6,964.13	182.03	182.94	76.90	1,228.74	-6,721.32	899.62	541.93	357.69	2.515	

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							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	7,168.37	13,030.13	6,963.87	184.97	185.88	76.86	1,228.12	-6,821.31	899.73	536.34	363.40	2.476	
13,200.00	7,168.67	13,130.13	6,963.62	187.92	188.82	76.83	1,227.50	-6,921.31	899.85	530.74	369.11	2.438	
13,300.00	7,168.96	13,230.12	6,963.37	190.86	191.76	76.79	1,226.89	-7,021.31	899.97	525.15	374.81	2.401	
13,400.00	7,169.26	13,330.12	6,963.11	193.81	194.70	76.76	1,226.27	-7,121.30	900.08	519.56	380.52	2.365	
13,500.00	7,169.55	13,430.12	6,962.86	196.76	197.64	76.73	1,225.65	-7,221.30	900.20	513.97	386.23	2.331	
13,600.00	7,169.85	13,530.12	6,962.60	199.70	200.58	76.69	1,225.04	-7,321.29	900.31	508.38	391.93	2.297	
13,700.00	7,170.14	13,630.12	6,962.35	202.65	203.52	76.66	1,224.42	-7,421.29	900.43	502.79	397.64	2.264	
13,800.00	7,170.44	13,730.12	6,962.09	205.60	206.46	76.62	1,223.80	-7,521.29	900.55	497.21	403.34	2.233	
13,900.00	7,170.73	13,830.11	6,961.84	208.55	209.41	76.59	1,223.19	-7,621.28	900.67	491.62	409.05	2.202	
14,000.00	7,171.03	13,930.11	6,961.58	211.49	212.35	76.55	1,222.57	-7,721.28	900.79	486.04	414.75	2.172	
14,100.00	7,171.32	14,030.11	6,961.33	214.44	215.30	76.52	1,221.95	-7,821.28	900.90	480.45	420.45	2.143	
14,200.00	7,171.62	14,130.11	6,961.07	217.39	218.24	76.49	1,221.33	-7,921.27	901.02	474.87	426.15	2.114	
14,300.00	7,171.92	14,230.11	6,960.82	220.34	221.19	76.45	1,220.72	-8,021.27	901.14	469.29	431.85	2.087	
14,400.00	7,172.21	14,330.11	6,960.57	223.29	224.13	76.42	1,220.10	-8,121.27	901.26	463.71	437.55	2.060	
14,500.00	7,172.51	14,430.11	6,960.31	226.24	227.08	76.38	1,219.48	-8,221.26	901.38	458.13	443.25	2.034	
14,600.00	7,172.80	14,530.10	6,960.06	229.19	230.03	76.35	1,218.87	-8,321.26	901.50	452.56	448.94	2.008	
14,700.00	7,173.10	14,630.10	6,959.80	232.14	232.97	76.32	1,218.25	-8,421.25	901.62	446.98	454.64	1.983	
14,800.00	7,173.39	14,730.10	6,959.55	235.09	235.92	76.28	1,217.63	-8,521.25	901.74	441.41	460.34	1.959	
14,900.00	7,173.69	14,830.10	6,959.29	238.05	238.87	76.25	1,217.02	-8,621.25	901.86	435.83	466.03	1.935	
15,000.00	7,173.98	14,930.10	6,959.04	241.00	241.82	76.21	1,216.40	-8,721.24	901.98	430.26	471.72	1.912	
15,100.00	7,174.28	15,030.10	6,958.78	243.95	244.76	76.18	1,215.78	-8,821.24	902.10	424.69	477.41	1.890	
15,200.00	7,174.57	15,130.10	6,958.53	246.90	247.71	76.15	1,215.16	-8,921.24	902.23	419.12	483.10	1.868	
15,300.00	7,174.87	15,230.09	6,958.27	249.85	250.66	76.11	1,214.55	-9,021.23	902.35	413.56	488.79	1.846	
15,400.00	7,175.16	15,330.09	6,958.02	252.80	253.61	76.08	1,213.93	-9,121.23	902.47	407.99	494.48	1.825	
15,500.00	7,175.46	15,430.09	6,957.76	255.76	256.56	76.04	1,213.31	-9,221.22	902.59	402.43	500.17	1.805	
15,600.00	7,175.75	15,530.09	6,957.51	258.71	259.51	76.01	1,212.70	-9,321.22	902.72	396.86	505.85	1.785	
15,700.00	7,176.05	15,630.09	6,957.26	261.66	262.46	75.98	1,212.08	-9,421.22	902.84	391.30	511.54	1.765	
15,800.00	7,176.35	15,730.09	6,957.00	264.62	265.41	75.94	1,211.46	-9,521.21	902.96	385.74	517.22	1.746	
15,900.00	7,176.64	15,830.08	6,956.75	267.57	268.36	75.91	1,210.85	-9,621.21	903.09	380.19	522.90	1.727	
16,000.00	7,176.94	15,930.08	6,956.49	270.52	271.31	75.87	1,210.23	-9,721.21	903.21	374.63	528.58	1.709	
16,100.00	7,177.23	16,030.08	6,956.24	273.48	274.26	75.84	1,209.61	-9,821.20	903.34	369.07	534.26	1.691	
16,200.00	7,177.53	16,130.08	6,955.98	276.43	277.22	75.81	1,208.99	-9,921.20	903.46	363.52	539.94	1.673	
16,300.00	7,177.82	16,230.08	6,955.73	279.38	280.17	75.77	1,208.38	-10,021.19	903.59	357.97	545.62	1.656	
16,400.00	7,178.12	16,330.08	6,955.47	282.34	283.12	75.74	1,207.76	-10,121.19	903.71	352.42	551.29	1.639	
16,500.00	7,178.41	16,430.08	6,955.22	285.29	286.07	75.70	1,207.14	-10,221.19	903.84	346.87	556.97	1.623	
16,600.00	7,178.71	16,530.07	6,954.96	288.25	289.02	75.67	1,206.53	-10,321.18	903.97	341.33	562.64	1.607	
16,700.00	7,179.00	16,630.07	6,954.71	291.20	291.98	75.64	1,205.91	-10,421.18	904.09	335.78	568.31	1.591	
16,800.00	7,179.30	16,730.07	6,954.46	294.16	294.93	75.60	1,205.29	-10,521.18	904.22	330.24	573.98	1.575	
16,900.00	7,179.59	16,830.07	6,954.20	297.11	297.88	75.57	1,204.68	-10,621.17	904.35	324.70	579.65	1.560	
17,000.00	7,179.89	16,930.07	6,953.95	300.07	300.83	75.53	1,204.06	-10,721.17	904.48	319.16	585.31	1.545	
17,100.00	7,180.18	17,030.07	6,953.69	303.02	303.79	75.50	1,203.44	-10,821.16	904.60	313.62	590.98	1.531	
17,200.00	7,180.48	17,130.07	6,953.44	305.98	306.74	75.47	1,202.82	-10,921.16	904.73	308.09	596.64	1.516	
17,300.00	7,180.78	17,230.06	6,953.18	308.93	309.69	75.43	1,202.21	-11,021.16	904.86	302.56	602.30	1.502	
17,376.19	7,181.00	17,306.25	6,952.99	311.18	311.94	75.41	1,201.74	-11,097.35	904.96	298.34	606.62	1.492 Level 3, SF	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance					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	0.27	60.11	0.28	60.11				
100.00	100.00	100.00	100.00	3.28	3.28	0.27	60.11	0.28	60.11	52.58	7.53	7.985	
200.00	200.00	200.00	200.00	3.30	3.30	0.27	60.11	0.28	60.11	52.54	7.57	7.941	
271.27	271.27	270.91	270.91	3.33	3.33	61.59	60.17	0.23	59.96	52.33	7.62	7.863	CC, ES
300.00	300.00	299.16	299.16	3.35	3.35	61.39	60.45	0.04	60.25	52.59	7.65	7.872	
400.00	399.93	397.46	397.40	3.41	3.41	62.35	63.20	-1.91	61.37	53.60	7.78	7.893	
500.00	499.68	495.72	495.42	3.50	3.50	64.15	68.71	-5.80	63.67	55.73	7.94	8.020	
600.00	599.13	593.89	593.06	3.61	3.61	66.62	76.94	-11.62	67.24	59.09	8.15	8.252	
700.00	698.43	691.93	690.18	3.75	3.74	68.08	87.89	-19.36	72.92	64.51	8.41	8.672	
800.00	797.73	789.96	786.78	3.91	3.91	67.71	101.51	-28.98	81.10	72.38	8.72	9.306	
900.00	897.02	889.54	884.69	4.09	4.11	66.88	116.33	-39.45	90.20	81.12	9.08	9.933	
1,000.00	996.32	989.12	982.60	4.29	4.34	66.21	131.15	-49.93	99.32	89.83	9.48	10.472	
1,100.00	1,095.61	1,088.69	1,080.51	4.50	4.59	65.64	145.96	-60.40	108.45	98.53	9.92	10.933	
1,200.00	1,194.91	1,188.27	1,178.42	4.73	4.86	65.17	160.78	-70.87	117.58	107.20	10.38	11.326	
1,300.00	1,294.21	1,287.85	1,276.33	4.97	5.14	64.76	175.60	-81.35	126.73	115.86	10.87	11.660	
1,400.00	1,393.50	1,387.42	1,374.24	5.22	5.44	64.41	190.42	-91.82	135.88	124.50	11.37	11.947	
1,500.00	1,492.80	1,487.00	1,472.15	5.47	5.74	64.10	205.24	-102.29	145.03	133.13	11.90	12.190	
1,600.00	1,592.10	1,586.58	1,570.06	5.74	6.06	63.83	220.06	-112.77	154.19	141.75	12.44	12.399	
1,700.00	1,691.39	1,686.16	1,667.97	6.01	6.38	63.59	234.88	-123.24	163.35	150.36	12.99	12.578	
1,800.00	1,790.69	1,785.73	1,765.88	6.15	6.58	63.37	249.70	-133.71	172.51	159.60	12.92	13.354	
1,900.00	1,889.99	1,885.31	1,863.78	6.18	6.65	63.18	264.52	-144.19	181.68	168.69	12.99	13.987	
2,000.00	1,989.28	1,984.89	1,961.69	6.23	6.71	63.00	279.34	-154.66	190.85	177.77	13.08	14.595	
2,100.00	2,088.58	2,084.47	2,059.60	6.29	6.80	62.84	294.16	-165.13	200.02	186.82	13.20	15.156	
2,200.00	2,187.88	2,184.04	2,157.51	6.37	6.91	62.70	308.98	-175.61	209.19	195.83	13.35	15.666	
2,300.00	2,287.17	2,283.62	2,255.42	6.46	7.04	62.57	323.79	-186.08	218.36	204.82	13.54	16.125	
2,400.00	2,386.47	2,383.20	2,353.33	6.57	7.18	62.44	338.61	-196.55	227.53	213.77	13.76	16.534	
2,500.00	2,485.77	2,482.77	2,451.24	6.70	7.34	62.33	353.43	-207.03	236.70	222.69	14.01	16.895	
2,600.00	2,585.06	2,582.35	2,549.15	6.84	7.52	62.23	368.25	-217.50	245.88	231.59	14.29	17.209	
2,700.00	2,684.36	2,681.93	2,647.06	6.99	7.72	62.13	383.07	-227.97	255.05	240.46	14.59	17.479	
2,800.00	2,783.66	2,781.51	2,744.97	7.15	7.93	62.04	397.89	-238.44	264.23	249.31	14.92	17.710	
2,900.00	2,882.95	2,881.08	2,842.88	7.32	8.15	61.96	412.71	-248.92	273.41	258.13	15.27	17.903	
3,000.00	2,982.25	2,980.66	2,940.79	7.51	8.38	61.88	427.53	-259.39	282.58	266.94	15.64	18.063	
3,100.00	3,081.55	3,080.24	3,038.70	7.70	8.63	61.80	442.35	-269.86	291.76	275.72	16.04	18.193	
3,200.00	3,180.84	3,179.82	3,136.61	7.90	8.88	61.73	457.17	-280.34	300.94	284.49	16.45	18.296	
3,300.00	3,280.14	3,279.39	3,234.52	8.11	9.14	61.67	471.99	-290.81	310.12	293.24	16.88	18.376	
3,400.00	3,379.44	3,378.97	3,332.43	8.33	9.42	61.61	486.81	-301.28	319.30	301.98	17.32	18.435	
3,500.00	3,478.73	3,478.55	3,430.34	8.55	9.70	61.55	501.63	-311.76	328.48	310.70	17.78	18.477	
3,600.00	3,578.03	3,578.12	3,528.25	8.79	9.98	61.50	516.44	-322.23	337.65	319.41	18.25	18.503	
3,700.00	3,677.33	3,677.70	3,626.16	9.02	10.28	61.44	531.26	-332.70	346.83	328.10	18.73	18.515	
3,800.00	3,776.62	3,777.28	3,724.07	9.26	10.58	61.39	546.08	-343.18	356.01	336.79	19.23	18.516	
3,900.00	3,875.92	3,876.86	3,821.98	9.51	10.88	61.35	560.90	-353.65	365.19	345.46	19.73	18.507	
4,000.00	3,975.21	3,976.43	3,919.89	9.77	11.19	61.30	575.72	-364.12	374.38	354.13	20.25	18.490	
4,100.00	4,074.51	4,076.01	4,017.80	10.02	11.51	61.26	590.54	-374.60	383.56	362.78	20.77	18.466	
4,200.00	4,173.81	4,175.59	4,115.71	10.28	11.83	61.22	605.36	-385.07	392.74	371.43	21.30	18.435	
4,300.00	4,273.10	4,275.17	4,213.62	10.55	12.15	61.18	620.18	-395.54	401.92	380.08	21.84	18.400	
4,400.00	4,372.40	4,374.74	4,311.53	10.82	12.47	61.15	635.00	-406.02	411.10	388.71	22.39	18.361	
4,500.00	4,471.70	4,474.32	4,409.44	11.09	12.80	61.11	649.82	-416.49	420.28	397.34	22.94	18.319	
4,600.00	4,570.99	4,573.90	4,507.35	11.36	13.14	61.08	664.64	-426.96	429.46	405.96	23.50	18.274	
4,700.00	4,670.29	4,673.48	4,605.26	11.64	13.47	61.05	679.46	-437.44	438.64	414.58	24.07	18.226	
4,800.00	4,769.59	4,773.05	4,703.17	11.92	13.81	61.01	694.27	-447.91	447.83	423.19	24.64	18.177	
4,900.00	4,868.88	4,872.63	4,801.08	12.20	14.15	60.98	709.09	-458.38	457.01	431.80	25.21	18.127	
5,000.00	4,968.18	4,972.21	4,898.99	12.48	14.49	60.96	723.91	-468.85	466.19	440.40	25.79	18.076	
5,100.00	5,067.48	5,071.78	4,996.90	12.77	14.84	60.93	738.73	-479.33	475.37	449.00	26.37	18.024	
5,200.00	5,166.77	5,171.36	5,094.81	13.06	15.19	60.90	753.55	-489.80	484.55	457.59	26.96	17.972	
5,300.00	5,266.07	5,270.94	5,192.72	13.35	15.53	60.88	768.37	-500.27	493.74	466.18	27.55	17.920	
5,400.00	5,365.37	5,370.52	5,290.63	13.64	15.89	60.85	783.19	-510.75	502.92	474.77	28.15	17.868	
5,500.00	5,464.66	5,470.09	5,388.54	13.93	16.24	60.83	798.01	-521.22	512.10	483.36	28.74	17.816	
5,600.00	5,563.96	5,569.67	5,486.45	14.23	16.59	60.81	812.83	-531.69	521.28	491.94	29.35	17.764	
5,700.00	5,663.26	5,669.25	5,584.36	14.52	16.95	60.78	827.65	-542.17	530.47	500.52	29.95	17.712	
5,800.00	5,762.55	5,768.83	5,682.27	14.82	17.30	60.76	842.47	-552.64	539.65	509.09	30.56	17.662	
5,900.00	5,861.85	5,868.40	5,780.18	15.12	17.66	60.74	857.29	-563.11	548.83	517.67	31.16	17.611	
6,000.00	5,961.15	5,967.98	5,878.09	15.42	18.02	60.72	872.11	-573.59	558.02	526.24	31.77	17.562	
6,100.00	6,060.44	6,067.56	5,976.00	15.72	18.38	60.70	886.92	-584.06	567.20	534.81	32.39	17.512	
6,200.00	6,159.74	6,167.13	6,073.91	16.02	18.74	60.69	901.74	-594.53	576.38	543.38	33.00	17.464	
6,300.00	6,259.04	6,266.71	6,171.82	16.33	19.10	60.67	916.56	-605.01	585.56	551.94	33.62	17.417	
6,400.00	6,358.33	6,366.29	6,269.73	16.63	19.47	60.65	931.38	-615.48	594.75	560.51	34.24	17.370	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
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	6,457.63	6,465.87	6,367.64	16.94	19.83	60.63	946.20	-625.95	603.93	569.07	34.86	17.324	
6,600.00	6,556.93	6,565.44	6,465.55	17.24	20.19	60.62	961.02	-636.43	613.11	577.63	35.48	17.278	
6,700.00	6,655.60	6,665.88	6,563.43	17.58	20.58	74.43	975.80	-652.79	622.23	586.07	36.15	17.210	
6,800.00	6,750.90	6,766.20	6,657.51	18.03	21.06	79.40	989.92	-684.32	631.04	593.99	37.05	17.033	
6,900.00	6,840.42	6,866.28	6,745.34	18.62	21.66	80.95	1,003.00	-730.25	639.33	601.11	38.22	16.729	
7,000.00	6,921.96	6,966.12	6,824.81	19.38	22.39	81.41	1,014.75	-789.37	646.90	607.17	39.73	16.283	
7,100.00	6,993.53	7,065.76	6,894.06	20.35	23.29	81.44	1,024.87	-860.15	653.55	611.89	41.66	15.688	
7,200.00	7,053.34	7,165.19	6,951.45	21.56	24.39	81.29	1,033.13	-940.80	659.13	615.04	44.09	14.949	
7,300.00	7,099.94	7,264.42	6,995.68	23.05	25.73	81.07	1,039.35	-1,029.30	663.50	616.44	47.06	14.100	
7,400.00	7,132.16	7,363.47	7,025.75	24.79	27.29	80.86	1,043.38	-1,123.48	666.54	616.01	50.53	13.191	
7,500.00	7,149.23	7,462.32	7,041.02	26.74	29.05	80.69	1,045.14	-1,221.02	668.19	613.79	54.40	12.283	
7,600.00	7,152.13	7,561.63	7,042.87	28.83	30.97	80.59	1,044.86	-1,320.28	668.52	609.97	58.55	11.418	
7,700.00	7,152.42	7,661.63	7,042.58	31.05	33.04	80.54	1,044.25	-1,420.28	668.61	605.65	62.97	10.618	
7,800.00	7,152.72	7,761.62	7,042.30	33.39	35.25	80.50	1,043.64	-1,520.27	668.70	601.10	67.60	9.892	
7,900.00	7,153.01	7,861.62	7,042.01	35.82	37.57	80.45	1,043.02	-1,620.27	668.79	596.38	72.41	9.236	
8,000.00	7,153.31	7,961.62	7,041.73	38.33	39.98	80.40	1,042.41	-1,720.27	668.89	591.52	77.36	8.646	
8,100.00	7,153.61	8,061.62	7,041.44	40.90	42.46	80.35	1,041.80	-1,820.26	668.98	586.55	82.43	8.116	
8,200.00	7,153.90	8,161.62	7,041.15	43.52	45.00	80.30	1,041.19	-1,920.26	669.07	581.47	87.60	7.638	
8,300.00	7,154.20	8,261.62	7,040.87	46.18	47.59	80.25	1,040.57	-2,020.25	669.16	576.32	92.84	7.208	
8,400.00	7,154.49	8,361.61	7,040.58	48.87	50.22	80.20	1,039.96	-2,120.25	669.26	571.11	98.15	6.819	
8,500.00	7,154.79	8,461.61	7,040.30	51.60	52.89	80.15	1,039.35	-2,220.25	669.35	565.83	103.52	6.466	
8,600.00	7,155.08	8,561.61	7,040.01	54.35	55.59	80.10	1,038.74	-2,320.24	669.44	560.51	108.93	6.146	
8,700.00	7,155.38	8,661.61	7,039.73	57.12	58.32	80.05	1,038.12	-2,420.24	669.54	555.15	114.38	5.853	
8,800.00	7,155.67	8,761.61	7,039.44	59.91	61.07	80.00	1,037.51	-2,520.23	669.63	549.76	119.87	5.586	
8,900.00	7,155.97	8,861.61	7,039.16	62.71	63.84	79.96	1,036.90	-2,620.23	669.73	544.34	125.39	5.341	
9,000.00	7,156.26	8,961.60	7,038.87	65.53	66.62	79.91	1,036.29	-2,720.23	669.83	538.89	130.93	5.116	
9,100.00	7,156.56	9,061.60	7,038.59	68.36	69.42	79.86	1,035.67	-2,820.22	669.92	533.42	136.50	4.908	
9,200.00	7,156.85	9,161.60	7,038.30	71.20	72.24	79.81	1,035.06	-2,920.22	670.02	527.94	142.08	4.716	
9,300.00	7,157.15	9,261.60	7,038.02	74.05	75.06	79.76	1,034.45	-3,020.21	670.12	522.43	147.69	4.537	
9,400.00	7,157.44	9,361.60	7,037.73	76.91	77.90	79.71	1,033.84	-3,120.21	670.21	516.91	153.30	4.372	
9,500.00	7,157.74	9,461.60	7,037.45	79.78	80.74	79.66	1,033.22	-3,220.21	670.31	511.38	158.93	4.218	
9,600.00	7,158.03	9,561.59	7,037.16	82.65	83.60	79.61	1,032.61	-3,320.20	670.41	505.84	164.57	4.074	
9,700.00	7,158.33	9,661.59	7,036.88	85.53	86.46	79.56	1,032.00	-3,420.20	670.51	500.29	170.23	3.939	
9,800.00	7,158.63	9,761.59	7,036.59	88.41	89.33	79.52	1,031.39	-3,520.19	670.61	494.72	175.89	3.813	
9,900.00	7,158.92	9,861.59	7,036.31	91.30	92.20	79.47	1,030.77	-3,620.19	670.71	489.16	181.56	3.694	
10,000.00	7,159.22	9,961.59	7,036.02	94.20	95.08	79.42	1,030.16	-3,720.19	670.81	483.58	187.23	3.583	
10,100.00	7,159.51	10,061.59	7,035.74	97.10	97.96	79.37	1,029.55	-3,820.18	670.92	478.00	192.92	3.478	
10,200.00	7,159.81	10,161.58	7,035.45	100.00	100.85	79.32	1,028.94	-3,920.18	671.02	472.41	198.61	3.379	
10,300.00	7,160.10	10,261.58	7,035.17	102.90	103.74	79.27	1,028.32	-4,020.17	671.12	466.82	204.30	3.285	
10,400.00	7,160.40	10,361.58	7,034.88	105.81	106.64	79.22	1,027.71	-4,120.17	671.22	461.23	210.00	3.196	
10,500.00	7,160.69	10,461.58	7,034.60	108.72	109.54	79.17	1,027.10	-4,220.17	671.33	455.63	215.70	3.112	
10,600.00	7,160.99	10,561.58	7,034.31	111.64	112.44	79.13	1,026.49	-4,320.16	671.43	450.03	221.40	3.033	
10,700.00	7,161.28	10,661.58	7,034.03	114.55	115.35	79.08	1,025.87	-4,420.16	671.54	444.42	227.11	2.957	
10,800.00	7,161.58	10,761.57	7,033.74	117.47	118.26	79.03	1,025.26	-4,520.15	671.64	438.82	232.82	2.885	
10,900.00	7,161.87	10,861.57	7,033.46	120.39	121.17	78.98	1,024.65	-4,620.15	671.75	433.21	238.54	2.816	
11,000.00	7,162.17	10,961.57	7,033.17	123.31	124.09	78.93	1,024.04	-4,720.15	671.85	427.60	244.25	2.751	
11,100.00	7,162.46	11,061.57	7,032.89	126.24	127.00	78.88	1,023.42	-4,820.14	671.96	421.99	249.97	2.688	
11,200.00	7,162.76	11,161.57	7,032.60	129.16	129.92	78.83	1,022.81	-4,920.14	672.06	416.38	255.69	2.628	
11,300.00	7,163.06	11,261.57	7,032.32	132.09	132.84	78.78	1,022.20	-5,020.13	672.17	410.77	261.41	2.571	
11,400.00	7,163.35	11,361.56	7,032.03	135.02	135.76	78.74	1,021.59	-5,120.13	672.28	405.15	267.13	2.517	
11,500.00	7,163.65	11,461.56	7,031.75	137.95	138.69	78.69	1,020.98	-5,220.13	672.39	399.54	272.85	2.464	
11,600.00	7,163.94	11,561.56	7,031.46	140.88	141.61	78.64	1,020.36	-5,320.12	672.50	393.93	278.57	2.414	
11,700.00	7,164.24	11,661.56	7,031.18	143.82	144.54	78.59	1,019.75	-5,420.12	672.61	388.31	284.29	2.366	
11,800.00	7,164.53	11,761.56	7,030.89	146.75	147.47	78.54	1,019.14	-5,520.11	672.72	382.70	290.02	2.320	
11,900.00	7,164.83	11,861.56	7,030.60	149.69	150.40	78.49	1,018.53	-5,620.11	672.83	377.08	295.74	2.275	
12,000.00	7,165.12	11,961.55	7,030.32	152.62	153.33	78.44	1,017.91	-5,720.11	672.94	371.47	301.47	2.232	
12,100.00	7,165.42	12,061.55	7,030.03	155.56	156.26	78.40	1,017.30	-5,820.10	673.05	365.86	307.19	2.191	
12,200.00	7,165.71	12,161.55	7,029.75	158.50	159.19	78.35	1,016.69	-5,920.10	673.16	360.25	312.91	2.151	
12,300.00	7,166.01	12,261.55	7,029.46	161.44	162.13	78.30	1,016.08	-6,020.09	673.27	354.64	318.64	2.113	
12,400.00	7,166.30	12,361.55	7,029.18	164.38	165.06	78.25	1,015.46	-6,120.09	673.39	349.03	324.36	2.076	
12,500.00	7,166.60	12,461.55	7,028.89	167.32	168.00	78.20	1,014.85	-6,220.09	673.50	343.42	330.08	2.040	
12,600.00	7,166.89	12,561.54	7,028.61	170.26	170.93	78.15	1,014.24	-6,320.08	673.61	337.81	335.80	2.006	
12,700.00	7,167.19	12,661.54	7,028.32	173.20	173.87	78.11	1,013.63	-6,420.08	673.73	332.20	341.52	1.973	
12,800.00	7,167.49	12,761.54	7,028.04	176.14	176.81	78.06	1,013.01	-6,520.08	673.84	326.60	347.24	1.941	
12,900.00	7,167.78	12,861.54	7,027.75	179.09	179.75	78.01	1,012.40	-6,620.07	673.96	320.99	352.96	1.909	
13,000.00	7,168.08	12,961.54	7,027.47	182.03	182.69	77.96	1,011.79	-6,720.07	674.07	315.39	358.68	1.879	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
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
13,100.00	7,168.37	13,061.54	7,027.18	184.97	185.63	77.91	1,011.18	-6,820.06	674.19	309.79	364.40	1.850	
13,200.00	7,168.67	13,161.53	7,026.90	187.92	188.57	77.86	1,010.56	-6,920.06	674.30	304.19	370.12	1.822	
13,300.00	7,168.96	13,261.53	7,026.61	190.86	191.51	77.82	1,009.95	-7,020.06	674.42	298.59	375.83	1.794	
13,400.00	7,169.26	13,361.53	7,026.33	193.81	194.46	77.77	1,009.34	-7,120.05	674.54	292.99	381.55	1.768	
13,500.00	7,169.55	13,461.53	7,026.04	196.76	197.40	77.72	1,008.73	-7,220.05	674.66	287.40	387.26	1.742	
13,600.00	7,169.85	13,561.53	7,025.76	199.70	200.34	77.67	1,008.11	-7,320.04	674.78	281.80	392.97	1.717	
13,700.00	7,170.14	13,661.53	7,025.47	202.65	203.29	77.62	1,007.50	-7,420.04	674.89	276.21	398.68	1.693	
13,800.00	7,170.44	13,761.52	7,025.19	205.60	206.23	77.57	1,006.89	-7,520.04	675.01	270.62	404.39	1.669	
13,900.00	7,170.73	13,861.52	7,024.90	208.55	209.18	77.53	1,006.28	-7,620.03	675.13	265.03	410.10	1.646	
14,000.00	7,171.03	13,961.52	7,024.62	211.49	212.12	77.48	1,005.66	-7,720.03	675.25	259.45	415.81	1.624	
14,100.00	7,171.32	14,061.52	7,024.33	214.44	215.07	77.43	1,005.05	-7,820.02	675.37	253.86	421.51	1.602	
14,200.00	7,171.62	14,161.52	7,024.05	217.39	218.02	77.38	1,004.44	-7,920.02	675.50	248.28	427.21	1.581	
14,300.00	7,171.92	14,261.52	7,023.76	220.34	220.96	77.33	1,003.83	-8,020.02	675.62	242.70	432.92	1.561	
14,400.00	7,172.21	14,361.51	7,023.48	223.29	223.91	77.28	1,003.21	-8,120.01	675.74	237.12	438.62	1.541	
14,500.00	7,172.51	14,461.51	7,023.19	226.24	226.86	77.24	1,002.60	-8,220.01	675.86	231.55	444.32	1.521	
14,600.00	7,172.80	14,561.51	7,022.91	229.19	229.81	77.19	1,001.99	-8,320.00	675.99	225.97	450.01	1.502	
14,700.00	7,173.10	14,661.51	7,022.62	232.14	232.75	77.14	1,001.38	-8,420.00	676.11	220.40	455.71	1.484	Level 3
14,800.00	7,173.39	14,761.51	7,022.34	235.09	235.70	77.09	1,000.76	-8,520.00	676.23	214.83	461.40	1.466	Level 3
14,900.00	7,173.69	14,861.51	7,022.05	238.05	238.65	77.04	1,000.15	-8,619.99	676.36	209.26	467.10	1.448	Level 3
15,000.00	7,173.98	14,961.50	7,021.77	241.00	241.60	77.00	999.54	-8,719.99	676.48	203.70	472.79	1.431	Level 3
15,100.00	7,174.28	15,061.50	7,021.48	243.95	244.55	76.95	998.93	-8,819.98	676.61	198.13	478.48	1.414	Level 3
15,200.00	7,174.57	15,161.50	7,021.20	246.90	247.50	76.90	998.31	-8,919.98	676.74	192.57	484.16	1.398	Level 3
15,300.00	7,174.87	15,261.50	7,020.91	249.85	250.45	76.85	997.70	-9,019.98	676.86	187.01	489.85	1.382	Level 3
15,400.00	7,175.16	15,361.50	7,020.62	252.80	253.40	76.80	997.09	-9,119.97	676.99	181.46	495.53	1.366	Level 3
15,500.00	7,175.46	15,461.49	7,020.34	255.76	256.35	76.76	996.48	-9,219.97	677.12	175.90	501.21	1.351	Level 3
15,600.00	7,175.75	15,561.49	7,020.05	258.71	259.30	76.71	995.86	-9,319.96	677.24	170.35	506.89	1.336	Level 3
15,700.00	7,176.05	15,661.49	7,019.77	261.66	262.25	76.66	995.25	-9,419.96	677.37	164.80	512.57	1.322	Level 3
15,800.00	7,176.35	15,761.49	7,019.48	264.62	265.21	76.61	994.64	-9,519.96	677.50	159.26	518.25	1.307	Level 3
15,900.00	7,176.64	15,861.49	7,019.20	267.57	268.16	76.57	994.03	-9,619.95	677.63	153.71	523.92	1.293	Level 3
16,000.00	7,176.94	15,961.49	7,018.91	270.52	271.11	76.52	993.42	-9,719.95	677.76	148.17	529.59	1.280	Level 3
16,100.00	7,177.23	16,061.48	7,018.63	273.48	274.06	76.47	992.80	-9,819.94	677.89	142.63	535.26	1.266	Level 3
16,200.00	7,177.53	16,161.48	7,018.34	276.43	277.01	76.42	992.19	-9,919.94	678.02	137.09	540.93	1.253	Level 3
16,300.00	7,177.82	16,261.48	7,018.06	279.38	279.97	76.37	991.58	-10,019.94	678.15	131.56	546.59	1.241	Level 2
16,400.00	7,178.12	16,361.48	7,017.77	282.34	282.92	76.33	990.97	-10,119.93	678.29	126.03	552.26	1.228	Level 2
16,500.00	7,178.41	16,461.48	7,017.49	285.29	285.87	76.28	990.35	-10,219.93	678.42	120.50	557.92	1.216	Level 2
16,600.00	7,178.71	16,561.48	7,017.20	288.25	288.82	76.23	989.74	-10,319.92	678.55	114.97	563.58	1.204	Level 2
16,700.00	7,179.00	16,661.47	7,016.92	291.20	291.78	76.18	989.13	-10,419.92	678.68	109.45	569.24	1.192	Level 2
16,800.00	7,179.30	16,761.47	7,016.63	294.16	294.73	76.14	988.52	-10,519.92	678.82	103.93	574.89	1.181	Level 2
16,900.00	7,179.59	16,861.47	7,016.35	297.11	297.68	76.09	987.90	-10,619.91	678.95	98.41	580.54	1.170	Level 2
17,000.00	7,179.89	16,961.47	7,016.06	300.07	300.64	76.04	987.29	-10,719.91	679.09	92.89	586.19	1.158	Level 2
17,100.00	7,180.18	17,061.47	7,015.78	303.02	303.59	75.99	986.68	-10,819.90	679.22	87.38	591.84	1.148	Level 2
17,200.00	7,180.48	17,161.47	7,015.49	305.98	306.55	75.94	986.07	-10,919.90	679.36	81.87	597.49	1.137	Level 2
17,300.00	7,180.78	17,261.46	7,015.21	308.93	309.50	75.90	985.45	-11,019.90	679.49	76.36	603.13	1.127	Level 2
17,376.19	7,181.00	17,334.43	7,015.00	311.18	311.66	75.86	985.01	-11,092.86	679.60	72.23	607.37	1.119	Level 2, SF

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1										Offset Site Error:0.00 usft			
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:3.28 usft			
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	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	-179.47	-59.75	-0.56	59.75				
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-59.75	-0.56	59.75	52.22	7.53	7.938	
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-59.75	-0.56	59.75	52.18	7.57	7.895	
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-59.75	-0.56	59.75	52.18	7.57	7.895 CC	
300.00	300.00	299.67	299.66	3.35	3.34	-118.43	-59.88	-0.97	60.10	52.45	7.65	7.854	
400.00	399.93	398.94	398.88	3.41	3.40	-118.19	-60.95	-4.24	62.87	55.10	7.77	8.088	
500.00	499.68	498.05	497.74	3.50	3.48	-117.76	-63.08	-10.76	68.41	60.47	7.94	8.614	
600.00	599.13	602.79	596.39	3.61	3.60	-117.40	-66.20	-20.29	76.61	68.44	8.17	9.376	
700.00	698.43	703.20	695.41	3.75	3.74	-117.65	-69.52	-30.46	85.67	77.23	8.44	10.148	
800.00	797.73	803.61	794.42	3.91	3.90	-117.86	-72.85	-40.63	94.74	85.98	8.76	10.817	
900.00	897.02	904.02	893.43	4.09	4.08	-118.03	-76.17	-50.81	103.81	94.69	9.11	11.391	
1,000.00	996.32	1,004.43	992.44	4.29	4.27	-118.17	-79.50	-60.98	112.87	103.37	9.50	11.880	
1,100.00	1,095.61	1,104.85	1,091.45	4.50	4.49	-118.29	-82.82	-71.15	121.94	112.02	9.92	12.294	
1,200.00	1,194.91	1,205.26	1,190.46	4.73	4.71	-118.39	-86.15	-81.33	131.01	120.65	10.36	12.643	
1,300.00	1,294.21	1,305.67	1,289.47	4.97	4.95	-118.48	-89.47	-91.50	140.08	129.25	10.83	12.937	
1,400.00	1,393.50	1,406.08	1,388.48	5.22	5.20	-118.56	-92.80	-101.68	149.15	137.84	11.31	13.185	
1,500.00	1,492.80	1,506.50	1,487.49	5.47	5.45	-118.63	-96.13	-111.85	158.22	146.41	11.81	13.394	
1,600.00	1,592.10	1,606.91	1,586.50	5.74	5.71	-118.70	-99.45	-122.02	167.29	154.96	12.33	13.570	
1,700.00	1,691.39	1,707.32	1,685.51	6.01	5.97	-118.75	-102.78	-132.20	176.36	163.52	12.85	13.728	
1,800.00	1,790.69	1,807.73	1,784.52	6.15	6.11	-118.80	-106.10	-142.37	185.43	172.69	12.74	14.554	
1,900.00	1,889.99	1,908.15	1,883.53	6.18	6.14	-118.85	-109.43	-152.55	194.50	181.71	12.80	15.201	
2,000.00	1,989.28	2,008.56	1,982.55	6.23	6.18	-118.89	-112.75	-162.72	203.57	190.69	12.88	15.802	
2,100.00	2,088.58	2,108.97	2,081.56	6.29	6.25	-118.93	-116.08	-172.89	212.65	199.64	13.00	16.353	
2,200.00	2,187.88	2,209.38	2,180.57	6.37	6.32	-118.96	-119.40	-183.07	221.72	208.56	13.16	16.853	
2,300.00	2,287.17	2,309.80	2,279.58	6.46	6.42	-119.00	-122.73	-193.24	230.79	217.45	13.34	17.302	
2,400.00	2,386.47	2,389.79	2,378.59	6.57	6.51	-119.03	-126.05	-203.42	239.86	226.33	13.53	17.731	
2,500.00	2,485.77	2,489.38	2,477.60	6.70	6.63	-119.05	-129.38	-213.59	248.93	235.17	13.76	18.085	
2,600.00	2,585.06	2,588.97	2,576.61	6.84	6.76	-119.08	-132.70	-223.76	258.00	243.97	14.03	18.393	
2,700.00	2,684.36	2,688.56	2,675.62	6.99	6.91	-119.10	-136.03	-233.94	267.07	252.76	14.32	18.657	
2,800.00	2,783.66	2,788.14	2,774.63	7.15	7.06	-119.13	-139.35	-244.11	276.14	261.52	14.63	18.880	
2,900.00	2,882.95	2,887.73	2,873.64	7.32	7.23	-119.15	-142.68	-254.29	285.22	270.26	14.96	19.066	
3,000.00	2,982.25	2,987.32	2,972.65	7.51	7.41	-119.17	-146.01	-264.46	294.29	278.97	15.31	19.218	
3,100.00	3,081.55	3,086.91	3,071.66	7.70	7.60	-119.19	-149.33	-274.63	303.36	287.67	15.69	19.341	
3,200.00	3,180.84	3,186.49	3,170.67	7.90	7.80	-119.20	-152.66	-284.81	312.43	296.36	16.07	19.436	
3,300.00	3,280.14	3,286.08	3,269.69	8.11	8.01	-119.22	-155.98	-294.98	321.50	305.02	16.48	19.507	
3,400.00	3,379.44	3,385.67	3,368.70	8.33	8.22	-119.24	-159.31	-305.15	330.57	313.67	16.90	19.558	
3,500.00	3,478.73	3,485.26	3,467.71	8.55	8.44	-119.25	-162.63	-315.33	339.64	322.31	17.34	19.590	
3,600.00	3,578.03	3,584.84	3,566.72	8.79	8.67	-119.26	-165.96	-325.50	348.72	330.93	17.79	19.606	
3,700.00	3,677.33	3,684.43	3,665.73	9.02	8.90	-119.28	-169.28	-335.68	357.79	339.54	18.25	19.609	
3,800.00	3,776.62	3,784.02	3,764.74	9.26	9.14	-119.29	-172.61	-345.85	366.86	348.14	18.72	19.600	
3,900.00	3,875.92	3,883.61	3,863.75	9.51	9.38	-119.30	-175.93	-356.02	375.93	356.73	19.20	19.582	
4,000.00	3,975.21	3,983.19	3,962.76	9.77	9.63	-119.31	-179.26	-366.20	385.00	365.31	19.69	19.555	
4,100.00	4,074.51	4,082.78	4,061.77	10.02	9.89	-119.32	-182.58	-376.37	394.07	373.89	20.19	19.520	
4,200.00	4,173.81	4,182.37	4,160.78	10.28	10.14	-119.34	-185.91	-386.55	403.15	382.45	20.70	19.480	
4,300.00	4,273.10	4,281.96	4,259.79	10.55	10.40	-119.35	-189.24	-396.72	412.22	391.01	21.21	19.435	
4,400.00	4,372.40	4,381.55	4,358.80	10.82	10.67	-119.35	-192.56	-406.89	421.29	399.56	21.73	19.386	
4,500.00	4,471.70	4,481.13	4,457.81	11.09	10.94	-119.36	-195.89	-417.07	430.36	408.10	22.26	19.333	
4,600.00	4,570.99	4,580.72	4,556.83	11.36	11.21	-119.37	-199.21	-427.24	439.43	416.64	22.79	19.278	
4,700.00	4,670.29	4,680.31	4,655.84	11.64	11.48	-119.38	-202.54	-437.42	448.51	425.17	23.33	19.221	
4,800.00	4,769.59	4,779.90	4,754.85	11.92	11.76	-119.39	-205.86	-447.59	457.58	433.70	23.88	19.163	
4,900.00	4,868.88	4,879.48	4,853.86	12.20	12.04	-119.40	-209.19	-457.76	466.65	442.22	24.43	19.103	
5,000.00	4,968.18	4,979.07	4,952.87	12.48	12.32	-119.40	-212.51	-467.94	475.72	450.74	24.98	19.042	
5,100.00	5,067.48	5,078.66	5,051.88	12.77	12.60	-119.41	-215.84	-478.11	484.79	459.25	25.54	18.981	
5,200.00	5,166.77	5,178.25	5,150.89	13.06	12.88	-119.42	-219.16	-488.28	493.86	467.76	26.10	18.920	
5,300.00	5,266.07	5,277.83	5,249.90	13.35	13.17	-119.43	-222.49	-498.46	502.94	476.27	26.67	18.859	
5,400.00	5,365.37	5,377.42	5,348.91	13.64	13.46	-119.43	-225.81	-508.63	512.01	484.77	27.24	18.798	
5,500.00	5,464.66	5,477.01	5,447.92	13.93	13.75	-119.44	-229.14	-518.81	521.08	493.27	27.81	18.737	
5,600.00	5,563.96	5,576.60	5,546.93	14.23	14.04	-119.44	-232.46	-528.98	530.15	501.77	28.39	18.677	
5,700.00	5,663.26	5,676.18	5,645.94	14.52	14.33	-119.45	-235.79	-539.15	539.22	510.26	28.96	18.617	
5,800.00	5,762.55	5,775.77	5,744.95	14.82	14.63	-119.46	-239.12	-549.33	548.30	518.75	29.54	18.558	
5,900.00	5,861.85	5,875.36	5,843.97	15.12	14.92	-119.46	-242.44	-559.50	557.37	527.24	30.13	18.500	
6,000.00	5,961.15	5,974.95	5,942.98	15.42	15.22	-119.47	-245.77	-569.68	566.44	535.72	30.71	18.442	
6,100.00	6,060.44	6,074.54	6,041.99	15.72	15.52	-119.47	-249.09	-579.85	575.51	544.21	31.30	18.385	
6,200.00	6,159.74	6,174.12	6,141.00	16.02	15.81	-119.48	-252.42	-590.02	584.58	552.69	31.89	18.330	
6,300.00	6,259.04	6,273.71	6,240.01	16.33	16.11	-119.48	-255.74	-600.20	593.65	561.17	32.48	18.275	
6,400.00	6,358.33	6,373.30	6,339.02	16.63	16.41	-119.49	-259.07	-610.37	602.73	569.65	33.08	18.221	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,457.63	6,472.89	6,438.03	16.94	16.72	-119.49	-262.39	-620.55	611.80	578.12	33.67	18.168	
6,600.00	6,556.93	6,572.47	6,537.04	17.24	17.02	-119.49	-265.72	-630.72	620.87	586.60	34.27	18.116	
6,700.00	6,655.60	6,672.67	6,636.38	17.58	17.34	-104.52	-269.06	-643.07	629.91	594.99	34.92	18.038	
6,800.00	6,750.90	6,773.93	6,733.98	18.03	17.77	-98.11	-272.42	-669.44	638.64	602.84	35.80	17.841	
6,900.00	6,840.42	6,875.83	6,826.72	18.62	18.34	-95.20	-275.68	-711.25	646.84	609.88	36.96	17.503	
7,000.00	6,921.96	6,978.33	6,912.10	19.38	19.08	-93.49	-278.77	-767.70	654.29	615.83	38.46	17.012	
7,100.00	6,993.53	7,081.41	6,987.72	20.35	20.03	-92.35	-281.60	-837.53	660.81	620.41	40.40	16.358	
7,200.00	7,053.34	7,184.98	7,051.36	21.56	21.23	-91.54	-284.08	-919.06	666.22	623.37	42.85	15.547	
7,300.00	7,099.94	7,288.94	7,101.12	23.05	22.72	-90.98	-286.15	-1,010.18	670.40	624.52	45.88	14.612	
7,400.00	7,132.16	7,393.16	7,135.48	24.79	24.51	-90.60	-287.74	-1,108.44	673.23	623.77	49.46	13.613	
7,500.00	7,149.23	7,497.51	7,153.38	26.74	26.53	-90.39	-288.81	-1,211.11	674.64	621.16	53.48	12.616	
7,600.00	7,152.13	7,600.05	7,155.93	28.83	28.66	-90.32	-289.37	-1,313.47	674.72	616.98	57.75	11.684	
7,700.00	7,152.42	7,700.05	7,155.78	31.05	30.89	-90.28	-289.83	-1,413.47	674.57	612.34	62.23	10.839	
7,800.00	7,152.72	7,800.05	7,155.63	33.39	33.23	-90.25	-290.28	-1,513.47	674.42	607.47	66.95	10.074	
7,900.00	7,153.01	7,900.05	7,155.48	35.82	35.67	-90.21	-290.74	-1,613.47	674.27	602.42	71.84	9.385	
8,000.00	7,153.31	8,000.06	7,155.32	38.33	38.18	-90.17	-291.20	-1,713.46	674.12	597.23	76.88	8.768	
8,100.00	7,153.61	8,100.06	7,155.17	40.90	40.75	-90.13	-291.66	-1,813.46	673.97	591.92	82.04	8.215	
8,200.00	7,153.90	8,200.06	7,155.02	43.52	43.37	-90.09	-292.11	-1,913.46	673.82	586.52	87.30	7.718	
8,300.00	7,154.20	8,300.06	7,154.86	46.18	46.04	-90.06	-292.57	-2,013.46	673.67	581.03	92.64	7.272	
8,400.00	7,154.49	8,400.06	7,154.71	48.87	48.74	-90.02	-293.03	-2,113.45	673.52	575.47	98.04	6.870	
8,500.00	7,154.79	8,500.06	7,154.56	51.60	51.47	-89.98	-293.49	-2,213.45	673.37	569.86	103.51	6.506	
8,600.00	7,155.08	8,600.06	7,154.41	54.35	54.22	-89.94	-293.94	-2,313.45	673.22	564.20	109.02	6.175	
8,700.00	7,155.38	8,700.06	7,154.25	57.12	56.99	-89.90	-294.40	-2,413.45	673.07	558.50	114.57	5.875	
8,800.00	7,155.67	8,800.06	7,154.10	59.91	59.78	-89.87	-294.86	-2,513.44	672.92	552.76	120.16	5.600	
8,900.00	7,155.97	8,900.07	7,153.95	62.71	62.59	-89.83	-295.32	-2,613.44	672.77	547.00	125.77	5.349	
9,000.00	7,156.26	9,000.07	7,153.80	65.53	65.41	-89.79	-295.77	-2,713.44	672.62	541.20	131.42	5.118	
9,100.00	7,156.56	9,100.07	7,153.64	68.36	68.25	-89.75	-296.23	-2,813.44	672.48	535.39	137.09	4.905	
9,200.00	7,156.85	9,200.07	7,153.49	71.20	71.09	-89.71	-296.69	-2,913.44	672.33	529.55	142.78	4.709	
9,300.00	7,157.15	9,300.07	7,153.34	74.05	73.94	-89.67	-297.15	-3,013.43	672.18	523.70	148.48	4.527	
9,400.00	7,157.44	9,400.07	7,153.18	76.91	76.81	-89.64	-297.60	-3,113.43	672.03	517.83	154.21	4.358	
9,500.00	7,157.74	9,500.07	7,153.03	79.78	79.68	-89.60	-298.06	-3,213.43	671.89	511.94	159.95	4.201	
9,600.00	7,158.03	9,600.07	7,152.88	82.65	82.55	-89.56	-298.52	-3,313.43	671.74	506.05	165.70	4.054	
9,700.00	7,158.33	9,699.93	7,152.73	85.53	85.43	-89.52	-298.98	-3,413.42	671.60	500.14	171.45	3.917	
9,800.00	7,158.63	9,800.08	7,152.57	88.41	88.32	-89.48	-299.43	-3,513.42	671.45	494.22	177.23	3.789	
9,900.00	7,158.92	9,900.08	7,152.42	91.30	91.21	-89.45	-299.89	-3,613.42	671.30	488.29	183.01	3.668	
10,000.00	7,159.22	10,000.08	7,152.27	94.20	94.11	-89.41	-300.35	-3,713.42	671.16	482.36	188.80	3.555	
10,100.00	7,159.51	10,100.08	7,152.12	97.10	97.01	-89.37	-300.81	-3,813.42	671.02	476.41	194.60	3.448	
10,200.00	7,159.81	10,200.08	7,151.96	100.00	99.91	-89.33	-301.26	-3,913.41	670.87	470.46	200.41	3.348	
10,300.00	7,160.10	10,300.08	7,151.81	102.90	102.82	-89.29	-301.72	-4,013.41	670.73	464.51	206.22	3.252	
10,400.00	7,160.40	10,400.08	7,151.66	105.81	105.73	-89.25	-302.18	-4,113.41	670.58	458.55	212.04	3.163	
10,500.00	7,160.69	10,500.08	7,151.51	108.72	108.64	-89.21	-302.64	-4,213.41	670.44	452.58	217.86	3.077	
10,600.00	7,160.99	10,600.08	7,151.35	111.64	111.56	-89.18	-303.10	-4,313.40	670.30	446.61	223.69	2.997	
10,700.00	7,161.28	10,700.09	7,151.20	114.55	114.47	-89.14	-303.55	-4,413.40	670.15	440.63	229.52	2.920	
10,800.00	7,161.58	10,800.09	7,151.05	117.47	117.39	-89.10	-304.01	-4,513.40	670.01	434.65	235.36	2.847	
10,900.00	7,161.87	10,900.09	7,150.89	120.39	120.32	-89.06	-304.47	-4,613.40	669.87	428.67	241.20	2.777	
11,000.00	7,162.17	11,000.09	7,150.74	123.31	123.24	-89.02	-304.93	-4,713.39	669.73	422.69	247.04	2.711	
11,100.00	7,162.46	11,100.09	7,150.59	126.24	126.17	-88.98	-305.38	-4,813.39	669.58	416.70	252.89	2.648	
11,200.00	7,162.76	11,200.09	7,150.44	129.16	129.09	-88.94	-305.84	-4,913.39	669.44	410.71	258.74	2.587	
11,300.00	7,163.06	11,300.09	7,150.28	132.09	132.02	-88.91	-306.30	-5,013.39	669.30	404.71	264.59	2.530	
11,400.00	7,163.35	11,400.09	7,150.13	135.02	134.95	-88.87	-306.76	-5,113.39	669.16	398.71	270.45	2.474	
11,500.00	7,163.65	11,500.10	7,149.98	137.95	137.88	-88.83	-307.21	-5,213.38	669.02	392.72	276.30	2.421	
11,600.00	7,163.94	11,600.10	7,149.83	140.88	140.82	-88.79	-307.67	-5,313.38	668.88	386.72	282.16	2.371	
11,700.00	7,164.24	11,700.10	7,149.67	143.82	143.75	-88.75	-308.13	-5,413.38	668.74	380.71	288.03	2.322	
11,800.00	7,164.53	11,800.10	7,149.52	146.75	146.69	-88.71	-308.59	-5,513.38	668.60	374.71	293.89	2.275	
11,900.00	7,164.83	11,900.10	7,149.37	149.69	149.62	-88.67	-309.04	-5,613.37	668.46	368.71	299.76	2.230	
12,000.00	7,165.12	12,000.10	7,149.21	152.62	152.56	-88.64	-309.50	-5,713.37	668.32	362.70	305.62	2.187	
12,100.00	7,165.42	12,100.10	7,149.06	155.56	155.50	-88.60	-309.96	-5,813.37	668.18	356.69	311.49	2.145	
12,200.00	7,165.71	12,200.10	7,148.91	158.50	158.44	-88.56	-310.42	-5,913.37	668.05	350.68	317.36	2.105	
12,300.00	7,166.01	12,300.10	7,148.76	161.44	161.38	-88.52	-310.87	-6,013.37	667.91	344.67	323.24	2.066	
12,400.00	7,166.30	12,400.11	7,148.60	164.38	164.32	-88.48	-311.33	-6,113.36	667.77	338.66	329.11	2.029	
12,500.00	7,166.60	12,500.11	7,148.45	167.32	167.26	-88.44	-311.79	-6,213.36	667.63	332.65	334.98	1.993	
12,600.00	7,166.89	12,599.89	7,148.30	170.26	170.20	-88.40	-312.25	-6,313.36	667.50	326.64	340.85	1.958	
12,700.00	7,167.19	12,700.11	7,148.15	173.20	173.15	-88.36	-312.70	-6,413.36	667.36	320.62	346.73	1.925	
12,800.00	7,167.49	12,799.89	7,147.99	176.14	176.08	-88.33	-313.16	-6,513.35	667.22	314.62	352.61	1.892	
12,900.00	7,167.78	12,900.11	7,147.84	179.09	179.03	-88.29	-313.62	-6,613.35	667.09	308.60	358.49	1.861	
13,000.00	7,168.08	13,000.11	7,147.69	182.03	181.98	-88.25	-314.08	-6,713.35	666.95	302.58	364.37	1.830	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,168.37	13,100.11	7,147.54	184.97	184.92	-88.21	-314.53	-6,813.35	666.81	296.57	370.25	1.801	
13,200.00	7,168.67	13,200.11	7,147.38	187.92	187.87	-88.17	-314.99	-6,913.34	666.68	290.55	376.13	1.772	
13,300.00	7,168.96	13,300.12	7,147.23	190.86	190.82	-88.13	-315.45	-7,013.34	666.54	284.54	382.01	1.745	
13,400.00	7,169.26	13,400.12	7,147.08	193.81	193.76	-88.09	-315.91	-7,113.34	666.41	278.52	387.89	1.718	
13,500.00	7,169.55	13,500.12	7,146.92	196.76	196.71	-88.05	-316.36	-7,213.34	666.28	272.50	393.77	1.692	
13,600.00	7,169.85	13,600.12	7,146.77	199.70	199.66	-88.01	-316.82	-7,313.34	666.14	266.49	399.65	1.667	
13,700.00	7,170.14	13,700.12	7,146.62	202.65	202.61	-87.98	-317.28	-7,413.33	666.01	260.47	405.54	1.642	
13,800.00	7,170.44	13,800.12	7,146.47	205.60	205.55	-87.94	-317.74	-7,513.33	665.87	254.46	411.42	1.618	
13,900.00	7,170.73	13,900.12	7,146.31	208.55	208.50	-87.90	-318.19	-7,613.33	665.74	248.44	417.30	1.595	
14,000.00	7,171.03	14,000.12	7,146.16	211.49	211.45	-87.86	-318.65	-7,713.33	665.61	242.42	423.18	1.573	
14,100.00	7,171.32	14,100.12	7,146.01	214.44	214.40	-87.82	-319.11	-7,813.32	665.48	236.41	429.07	1.551	
14,200.00	7,171.62	14,200.13	7,145.86	217.39	217.35	-87.78	-319.57	-7,913.32	665.34	230.39	434.95	1.530	
14,300.00	7,171.92	14,300.13	7,145.70	220.34	220.30	-87.74	-320.02	-8,013.32	665.21	224.38	440.84	1.509	
14,400.00	7,172.21	14,400.13	7,145.55	223.29	223.25	-87.70	-320.48	-8,113.32	665.08	218.36	446.72	1.489 Level 3	
14,500.00	7,172.51	14,500.13	7,145.40	226.24	226.20	-87.66	-320.94	-8,213.32	664.95	212.35	452.60	1.469 Level 3	
14,600.00	7,172.80	14,600.13	7,145.24	229.19	229.16	-87.62	-321.40	-8,313.31	664.82	206.33	458.49	1.450 Level 3	
14,700.00	7,173.10	14,700.13	7,145.09	232.14	232.11	-87.59	-321.86	-8,413.31	664.69	200.32	464.37	1.431 Level 3	
14,800.00	7,173.39	14,800.13	7,144.94	235.09	235.06	-87.55	-322.31	-8,513.31	664.56	194.30	470.26	1.413 Level 3	
14,900.00	7,173.69	14,900.13	7,144.79	238.05	238.01	-87.51	-322.77	-8,613.31	664.43	188.29	476.14	1.395 Level 3	
15,000.00	7,173.98	15,000.13	7,144.63	241.00	240.96	-87.47	-323.23	-8,713.30	664.30	182.27	482.02	1.378 Level 3	
15,100.00	7,174.28	15,100.14	7,144.48	243.95	243.91	-87.43	-323.69	-8,813.30	664.17	176.26	487.91	1.361 Level 3	
15,200.00	7,174.57	15,200.14	7,144.33	246.90	246.87	-87.39	-324.14	-8,913.30	664.04	170.25	493.79	1.345 Level 3	
15,300.00	7,174.87	15,300.14	7,144.18	249.85	249.82	-87.35	-324.60	-9,013.30	663.91	164.24	499.67	1.329 Level 3	
15,400.00	7,175.16	15,400.14	7,144.02	252.80	252.77	-87.31	-325.06	-9,113.29	663.78	158.22	505.56	1.313 Level 3	
15,500.00	7,175.46	15,500.14	7,143.87	255.76	255.73	-87.27	-325.52	-9,213.29	663.65	152.21	511.44	1.298 Level 3	
15,600.00	7,175.75	15,600.14	7,143.72	258.71	258.68	-87.23	-325.97	-9,313.29	663.53	146.20	517.32	1.283 Level 3	
15,700.00	7,176.05	15,700.14	7,143.56	261.66	261.63	-87.19	-326.43	-9,413.29	663.40	140.19	523.21	1.268 Level 3	
15,800.00	7,176.35	15,800.14	7,143.41	264.62	264.59	-87.15	-326.89	-9,513.29	663.27	134.18	529.09	1.254 Level 3	
15,900.00	7,176.64	15,900.14	7,143.26	267.57	267.54	-87.11	-327.35	-9,613.28	663.14	128.17	534.97	1.240 Level 2	
16,000.00	7,176.94	16,000.15	7,143.11	270.52	270.50	-87.08	-327.80	-9,713.28	663.02	122.16	540.85	1.226 Level 2	
16,100.00	7,177.23	16,100.15	7,142.95	273.48	273.45	-87.04	-328.26	-9,813.28	662.89	116.15	546.74	1.212 Level 2	
16,200.00	7,177.53	16,200.15	7,142.80	276.43	276.41	-87.00	-328.72	-9,913.28	662.76	110.15	552.62	1.199 Level 2	
16,300.00	7,177.82	16,300.15	7,142.65	279.38	279.36	-86.96	-329.18	-10,013.27	662.64	104.14	558.50	1.186 Level 2	
16,400.00	7,178.12	16,400.15	7,142.50	282.34	282.31	-86.92	-329.63	-10,113.27	662.51	98.13	564.38	1.174 Level 2	
16,500.00	7,178.41	16,500.15	7,142.34	285.29	285.27	-86.88	-330.09	-10,213.27	662.39	92.13	570.26	1.162 Level 2	
16,600.00	7,178.71	16,600.15	7,142.19	288.25	288.23	-86.84	-330.55	-10,313.27	662.26	86.12	576.14	1.149 Level 2	
16,700.00	7,179.00	16,700.15	7,142.04	291.20	291.18	-86.80	-331.01	-10,413.26	662.14	80.12	582.02	1.138 Level 2	
16,800.00	7,179.30	16,800.15	7,141.89	294.16	294.14	-86.76	-331.46	-10,513.26	662.02	74.12	587.90	1.126 Level 2	
16,900.00	7,179.59	16,900.16	7,141.73	297.11	297.09	-86.72	-331.92	-10,613.26	661.89	68.11	593.78	1.115 Level 2	
17,000.00	7,179.89	17,000.16	7,141.58	300.07	300.05	-86.68	-332.38	-10,713.26	661.77	62.11	599.66	1.104 Level 2	
17,100.00	7,180.18	17,100.16	7,141.43	303.02	303.00	-86.64	-332.84	-10,813.26	661.65	56.11	605.53	1.093 Level 2	
17,200.00	7,180.48	17,200.16	7,141.27	305.98	305.96	-86.60	-333.29	-10,913.25	661.52	50.11	611.41	1.082 Level 2	
17,300.00	7,180.78	17,300.16	7,141.12	308.93	308.91	-86.56	-333.75	-11,013.25	661.40	44.11	617.29	1.071 Level 2	
17,376.19	7,181.00	17,376.03	7,141.01	311.18	311.16	-86.53	-334.10	-11,089.44	661.31	39.55	621.76	1.064 Level 2, ES, SF	

Offset Design5N-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	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	-179.20	-39.71	-0.56	39.72					
100.00	100.00	100.00	100.00	3.28	3.28	-179.20	-39.71	-0.56	39.72	32.19	7.53	5.276		
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-39.71	-0.56	39.72	32.15	7.57	5.248		
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-39.71	-0.56	39.72	32.15	7.57	5.248	CC	
300.00	300.00	299.97	299.96	3.35	3.34	-118.12	-39.73	-0.99	39.94	32.29	7.65	5.220		
400.00	399.93	399.87	399.80	3.41	3.40	-117.53	-39.85	-4.47	41.77	33.99	7.78	5.371		
500.00	499.68	499.70	499.38	3.50	3.49	-116.50	-40.09	-11.43	45.42	37.47	7.95	5.715		
600.00	599.13	599.47	598.65	3.61	3.60	-115.64	-40.44	-21.45	50.87	42.69	8.17	6.224		
700.00	698.43	699.29	697.91	3.75	3.73	-115.82	-40.81	-31.96	56.97	48.53	8.44	6.746		
800.00	797.73	800.90	797.16	3.91	3.89	-115.96	-41.18	-42.48	63.08	54.32	8.76	7.197		
900.00	897.02	901.09	896.42	4.09	4.07	-116.08	-41.54	-52.99	69.19	60.07	9.12	7.586		
1,000.00	996.32	1,001.28	995.68	4.29	4.27	-116.18	-41.91	-63.50	75.30	65.79	9.51	7.917		
1,100.00	1,095.61	1,101.46	1,094.94	4.50	4.48	-116.27	-42.28	-74.02	81.41	71.48	9.93	8.198		
1,200.00	1,194.91	1,201.65	1,194.19	4.73	4.70	-116.34	-42.65	-84.53	87.51	77.14	10.37	8.435		
1,300.00	1,294.21	1,301.84	1,293.45	4.97	4.93	-116.41	-43.01	-95.05	93.62	82.78	10.84	8.636		
1,400.00	1,393.50	1,402.02	1,392.71	5.22	5.17	-116.46	-43.38	-105.56	99.73	88.40	11.33	8.805		
1,500.00	1,492.80	1,502.21	1,491.96	5.47	5.43	-116.51	-43.75	-116.07	105.84	94.01	11.83	8.947		
1,600.00	1,592.10	1,602.40	1,591.22	5.74	5.68	-116.55	-44.11	-126.59	111.95	99.60	12.35	9.068		
1,700.00	1,691.39	1,702.58	1,690.48	6.01	5.94	-116.59	-44.48	-137.10	118.06	105.19	12.87	9.172		
1,800.00	1,790.69	1,802.77	1,789.74	6.15	6.08	-116.63	-44.85	-147.61	124.17	111.40	12.77	9.722		
1,900.00	1,889.99	1,902.96	1,888.99	6.18	6.11	-116.66	-45.22	-158.13	130.28	117.45	12.83	10.158		
2,000.00	1,989.28	2,003.14	1,988.25	6.23	6.15	-116.69	-45.58	-168.64	136.39	123.47	12.91	10.562		
2,100.00	2,088.58	2,103.33	2,087.51	6.29	6.21	-116.72	-45.95	-179.15	142.50	129.46	13.03	10.933		
2,200.00	2,187.88	2,203.52	2,186.76	6.37	6.29	-116.74	-46.32	-189.67	148.61	135.42	13.19	11.271		
2,300.00	2,287.17	2,303.70	2,286.02	6.46	6.38	-116.77	-46.68	-200.18	154.71	141.35	13.37	11.574		
2,400.00	2,386.47	2,403.89	2,385.28	6.57	6.49	-116.79	-47.05	-210.69	160.82	147.24	13.58	11.843		
2,500.00	2,485.77	2,504.08	2,484.54	6.70	6.61	-116.81	-47.42	-221.21	166.93	153.11	13.82	12.079		
2,600.00	2,585.06	2,604.26	2,583.79	6.84	6.74	-116.82	-47.79	-231.72	173.04	158.96	14.09	12.284		
2,700.00	2,684.36	2,704.45	2,683.05	6.99	6.89	-116.84	-48.15	-242.24	179.15	164.77	14.38	12.460		
2,800.00	2,783.66	2,804.64	2,782.31	7.15	7.04	-116.86	-48.52	-252.75	185.26	170.57	14.69	12.609		
2,900.00	2,882.95	2,904.82	2,881.57	7.32	7.21	-116.87	-48.89	-263.26	191.37	176.34	15.03	12.733		
3,000.00	2,982.25	3,005.01	2,980.82	7.51	7.39	-116.88	-49.25	-273.78	197.48	182.09	15.39	12.834		
3,100.00	3,081.55	3,105.20	3,080.08	7.70	7.58	-116.90	-49.62	-284.29	203.59	187.83	15.76	12.916		
3,200.00	3,180.84	3,205.39	3,179.34	7.90	7.78	-116.91	-49.99	-294.80	209.70	193.54	16.16	12.979		
3,300.00	3,280.14	3,305.57	3,278.59	8.11	7.98	-116.92	-50.36	-305.32	215.81	199.24	16.57	13.027		
3,400.00	3,379.44	3,405.76	3,377.85	8.33	8.19	-116.93	-50.72	-315.83	221.92	204.93	16.99	13.060		
3,500.00	3,478.73	3,505.95	3,477.11	8.55	8.41	-116.94	-51.09	-326.34	228.03	210.60	17.43	13.082		
3,600.00	3,578.03	3,606.13	3,576.37	8.79	8.64	-116.95	-51.46	-336.86	234.14	216.25	17.88	13.093		
3,700.00	3,677.33	3,706.32	3,675.62	9.02	8.87	-116.96	-51.82	-347.37	240.25	221.90	18.35	13.095		
3,800.00	3,776.62	3,806.51	3,774.88	9.26	9.11	-116.97	-52.19	-357.88	246.36	227.54	18.82	13.090		
3,900.00	3,875.92	3,906.69	3,874.14	9.51	9.35	-116.98	-52.56	-368.40	252.47	233.16	19.31	13.077		
4,000.00	3,975.21	4,006.88	3,973.40	9.77	9.60	-116.99	-52.93	-378.91	258.58	238.78	19.80	13.059		
4,100.00	4,074.51	4,107.07	4,072.65	10.02	9.85	-116.99	-53.29	-389.42	264.69	244.38	20.30	13.037		
4,200.00	4,173.81	4,207.25	4,171.91	10.28	10.11	-117.00	-53.66	-399.94	270.79	249.98	20.81	13.011		
4,300.00	4,273.10	4,307.44	4,271.17	10.55	10.36	-117.01	-54.03	-410.45	276.90	255.57	21.33	12.981		
4,400.00	4,372.40	4,407.63	4,370.42	10.82	10.63	-117.02	-54.39	-420.97	283.01	261.16	21.86	12.948		
4,500.00	4,471.70	4,507.81	4,469.68	11.09	10.89	-117.02	-54.76	-431.48	289.12	266.73	22.39	12.914		
4,600.00	4,570.99	4,608.00	4,568.94	11.36	11.16	-117.03	-55.13	-441.99	295.23	272.31	22.93	12.878		
4,700.00	4,670.29	4,708.19	4,668.20	11.64	11.43	-117.03	-55.49	-452.51	301.34	277.87	23.47	12.840		
4,800.00	4,769.59	4,808.37	4,767.45	11.92	11.71	-117.04	-55.86	-463.02	307.45	283.43	24.02	12.801		
4,900.00	4,868.88	4,908.56	4,866.71	12.20	11.98	-117.04	-56.23	-473.53	313.56	288.99	24.57	12.762		
5,000.00	4,968.18	5,008.75	4,965.97	12.48	12.26	-117.05	-56.60	-484.05	319.67	294.54	25.13	12.722		
5,100.00	5,067.48	5,108.93	5,065.23	12.77	12.54	-117.05	-56.96	-494.56	325.78	300.09	25.69	12.682		
5,200.00	5,166.77	5,209.12	5,164.48	13.06	12.82	-117.06	-57.33	-505.07	331.89	305.64	26.25	12.641		
5,300.00	5,266.07	5,309.31	5,263.74	13.35	13.11	-117.06	-57.70	-515.59	338.00	311.18	26.82	12.601		
5,400.00	5,365.37	5,409.50	5,363.00	13.64	13.40	-117.07	-58.06	-526.10	344.11	316.71	27.40	12.560		
5,500.00	5,464.66	5,509.68	5,462.25	13.93	13.68	-117.07	-58.43	-536.61	350.22	322.25	27.97	12.520		
5,600.00	5,563.96	5,609.87	5,561.51	14.23	13.97	-117.08	-58.80	-547.13	356.33	327.78	28.55	12.481		
5,700.00	5,663.26	5,689.94	5,660.77	14.52	14.20	-117.08	-59.17	-557.64	362.44	333.36	29.07	12.466		
5,800.00	5,762.55	5,789.76	5,760.03	14.82	14.49	-117.09	-59.53	-568.15	368.55	338.89	29.66	12.427		
5,900.00	5,861.85	5,889.57	5,859.28	15.12	14.79	-117.09	-59.90	-578.67	374.66	344.42	30.24	12.389		
6,000.00	5,961.15	5,989.38	5,958.54	15.42	15.08	-117.09	-60.27	-589.18	380.77	349.94	30.83	12.351		
6,100.00	6,060.44	6,089.20	6,057.80	15.72	15.37	-117.10	-60.63	-599.70	386.88	355.46	31.42	12.313		
6,200.00	6,159.74	6,189.01	6,157.06	16.02	15.67	-117.10	-61.00	-610.21	392.99	360.97	32.01	12.276		
6,300.00	6,259.04	6,288.82	6,256.31	16.33	15.97	-117.10	-61.37	-620.72	399.10	366.49	32.61	12.240		
6,400.00	6,358.33	6,388.64	6,355.57	16.63	16.26	-117.11	-61.74	-631.24	405.21	372.00	33.20	12.204		

Offset Design5N-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,457.63	6,486.89	6,452.89	16.94	16.58	-116.71	-62.11	-644.40	411.43	377.61	33.82	12.164	
6,600.00	6,556.93	6,581.48	6,543.86	17.24	16.99	-114.54	-62.54	-670.00	418.59	384.04	34.54	12.118	
6,700.00	6,655.60	6,670.93	6,625.50	17.58	17.50	-96.17	-63.00	-706.35	427.64	392.30	35.35	12.099	
6,800.00	6,750.90	6,757.39	6,698.84	18.03	18.11	-86.54	-63.49	-752.03	437.76	401.45	36.31	12.058	
6,900.00	6,840.42	6,841.51	6,763.61	18.62	18.85	-80.81	-64.00	-805.59	448.25	410.79	37.45	11.968	
7,000.00	6,921.96	6,923.70	6,819.55	19.38	19.74	-76.67	-64.52	-865.73	458.52	419.69	38.83	11.809	
7,100.00	6,993.53	7,004.34	6,866.45	20.35	20.77	-73.51	-65.05	-931.26	468.01	427.54	40.47	11.565	
7,200.00	7,053.34	7,083.76	6,904.20	21.56	21.97	-71.10	-65.57	-1,001.08	476.27	433.83	42.44	11.222	
7,300.00	7,099.94	7,162.26	6,932.68	23.05	23.32	-69.33	-66.08	-1,074.17	482.91	438.15	44.76	10.788	
7,400.00	7,132.16	7,240.10	6,951.83	24.79	24.80	-68.13	-66.57	-1,149.57	487.64	440.21	47.43	10.280	
7,500.00	7,149.23	7,317.53	6,961.61	26.74	26.38	-67.48	-67.05	-1,226.33	490.26	439.84	50.42	9.723	
7,600.00	7,152.13	7,404.92	6,962.94	28.83	28.25	-67.33	-67.56	-1,313.69	490.83	436.89	53.94	9.100	
7,700.00	7,152.42	7,504.92	6,962.81	31.05	30.52	-67.28	-68.14	-1,413.68	490.97	432.93	58.04	8.459	
7,800.00	7,152.72	7,604.92	6,962.67	33.39	32.90	-67.23	-68.71	-1,513.68	491.11	428.75	62.36	7.875	
7,900.00	7,153.01	7,704.92	6,962.54	35.82	35.37	-67.19	-69.29	-1,613.68	491.25	424.40	66.85	7.349	
8,000.00	7,153.31	7,804.91	6,962.41	38.33	37.91	-67.14	-69.87	-1,713.67	491.39	419.92	71.47	6.875	
8,100.00	7,153.61	7,904.91	6,962.28	40.90	40.50	-67.09	-70.45	-1,813.67	491.52	415.32	76.20	6.450	
8,200.00	7,153.90	8,004.91	6,962.15	43.52	43.15	-67.04	-71.03	-1,913.67	491.66	410.63	81.03	6.068	
8,300.00	7,154.20	8,104.91	6,962.01	46.18	45.83	-67.00	-71.60	-2,013.67	491.80	405.87	85.93	5.723	
8,400.00	7,154.49	8,204.91	6,961.88	48.87	48.54	-66.95	-72.18	-2,113.66	491.95	401.05	90.89	5.412	
8,500.00	7,154.79	8,304.91	6,961.75	51.60	51.29	-66.90	-72.76	-2,213.66	492.09	396.18	95.91	5.131	
8,600.00	7,155.08	8,404.91	6,961.62	54.35	54.05	-66.86	-73.34	-2,313.66	492.23	391.26	100.96	4.875	
8,700.00	7,155.38	8,504.91	6,961.48	57.12	56.84	-66.81	-73.92	-2,413.66	492.37	386.31	106.06	4.642	
8,800.00	7,155.67	8,604.91	6,961.35	59.91	59.64	-66.76	-74.49	-2,513.65	492.51	381.33	111.18	4.430	
8,900.00	7,155.97	8,704.91	6,961.22	62.71	62.46	-66.72	-75.07	-2,613.65	492.65	376.32	116.33	4.235	
9,000.00	7,156.26	8,804.91	6,961.09	65.53	65.28	-66.67	-75.65	-2,713.65	492.80	371.29	121.51	4.056	
9,100.00	7,156.56	8,904.90	6,960.95	68.36	68.13	-66.62	-76.23	-2,813.65	492.94	366.24	126.70	3.891	
9,200.00	7,156.85	9,004.90	6,960.82	71.20	70.98	-66.57	-76.81	-2,913.64	493.08	361.17	131.91	3.738	
9,300.00	7,157.15	9,104.90	6,960.69	74.05	73.84	-66.53	-77.38	-3,013.64	493.22	356.09	137.13	3.597	
9,400.00	7,157.44	9,204.90	6,960.56	76.91	76.70	-66.48	-77.96	-3,113.64	493.37	351.00	142.37	3.465	
9,500.00	7,157.74	9,304.90	6,960.43	79.78	79.58	-66.43	-78.54	-3,213.63	493.51	345.90	147.62	3.343	
9,600.00	7,158.03	9,404.90	6,960.29	82.65	82.46	-66.39	-79.12	-3,313.63	493.66	340.79	152.87	3.229	
9,700.00	7,158.33	9,504.90	6,960.16	85.53	85.34	-66.34	-79.70	-3,413.63	493.80	335.67	158.14	3.123	
9,800.00	7,158.63	9,604.90	6,960.03	88.41	88.24	-66.29	-80.27	-3,513.63	493.95	330.54	163.41	3.023	
9,900.00	7,158.92	9,704.90	6,959.90	91.30	91.13	-66.25	-80.85	-3,613.62	494.09	325.41	168.68	2.929	
10,000.00	7,159.22	9,804.90	6,959.76	94.20	94.03	-66.20	-81.43	-3,713.62	494.24	320.28	173.96	2.841	
10,100.00	7,159.51	9,904.90	6,959.63	97.10	96.93	-66.15	-82.01	-3,813.62	494.38	315.14	179.25	2.758	
10,200.00	7,159.81	10,004.89	6,959.50	100.00	99.84	-66.11	-82.59	-3,913.62	494.53	310.00	184.53	2.680	
10,300.00	7,160.10	10,104.89	6,959.37	102.90	102.75	-66.06	-83.16	-4,013.61	494.68	304.85	189.82	2.606	
10,400.00	7,160.40	10,204.89	6,959.23	105.81	105.66	-66.01	-83.74	-4,113.61	494.83	299.71	195.12	2.536	
10,500.00	7,160.69	10,304.89	6,959.10	108.72	108.58	-65.97	-84.32	-4,213.61	494.97	294.56	200.41	2.470	
10,600.00	7,160.99	10,404.89	6,958.97	111.64	111.50	-65.92	-84.90	-4,313.61	495.12	289.41	205.71	2.407	
10,700.00	7,161.28	10,504.89	6,958.84	114.55	114.42	-65.87	-85.48	-4,413.60	495.27	284.26	211.00	2.347	
10,800.00	7,161.58	10,604.89	6,958.71	117.47	117.34	-65.83	-86.05	-4,513.60	495.42	279.11	216.30	2.290	
10,900.00	7,161.87	10,704.89	6,958.57	120.39	120.26	-65.78	-86.63	-4,613.60	495.57	273.97	221.60	2.236	
11,000.00	7,162.17	10,804.89	6,958.44	123.31	123.19	-65.73	-87.21	-4,713.59	495.71	268.82	226.90	2.185	
11,100.00	7,162.46	10,904.89	6,958.31	126.24	126.12	-65.69	-87.79	-4,813.59	495.86	263.67	232.20	2.136	
11,200.00	7,162.76	11,004.89	6,958.18	129.16	129.05	-65.64	-88.37	-4,913.59	496.01	258.52	237.49	2.089	
11,300.00	7,163.06	11,104.88	6,958.04	132.09	131.98	-65.59	-88.94	-5,013.59	496.16	253.37	242.79	2.044	
11,400.00	7,163.35	11,204.88	6,957.91	135.02	134.91	-65.55	-89.52	-5,113.58	496.31	248.23	248.08	2.001	
11,500.00	7,163.65	11,304.88	6,957.78	137.95	137.84	-65.50	-90.10	-5,213.58	496.47	243.09	253.38	1.959	
11,600.00	7,163.94	11,404.88	6,957.65	140.88	140.78	-65.46	-90.68	-5,313.58	496.62	237.94	258.67	1.920	
11,700.00	7,164.24	11,504.88	6,957.51	143.82	143.71	-65.41	-91.26	-5,413.58	496.77	232.80	263.96	1.882	
11,800.00	7,164.53	11,604.88	6,957.38	146.75	146.65	-65.36	-91.83	-5,513.57	496.92	227.67	269.25	1.846	
11,900.00	7,164.83	11,704.88	6,957.25	149.69	149.58	-65.32	-92.41	-5,613.57	497.07	222.53	274.54	1.811	
12,000.00	7,165.12	11,804.88	6,957.12	152.62	152.52	-65.27	-92.99	-5,713.57	497.22	217.39	279.83	1.777	
12,100.00	7,165.42	11,904.88	6,956.99	155.56	155.46	-65.22	-93.57	-5,813.57	497.38	212.26	285.11	1.744	
12,200.00	7,165.71	12,004.88	6,956.85	158.50	158.40	-65.18	-94.15	-5,913.56	497.53	207.13	290.40	1.713	
12,300.00	7,166.01	12,104.88	6,956.72	161.44	161.34	-65.13	-94.72	-6,013.56	497.68	202.00	295.68	1.683	
12,400.00	7,166.30	12,204.87	6,956.59	164.38	164.29	-65.09	-95.30	-6,113.56	497.84	196.88	300.96	1.654	
12,500.00	7,166.60	12,304.87	6,956.46	167.32	167.23	-65.04	-95.88	-6,213.55	497.99	191.76	306.23	1.626	
12,600.00	7,166.89	12,404.87	6,956.32	170.26	170.17	-64.99	-96.46	-6,313.55	498.14	186.64	311.51	1.599	
12,700.00	7,167.19	12,504.87	6,956.19	173.20	173.11	-64.95	-97.04	-6,413.55	498.30	181.52	316.78	1.573	
12,800.00	7,167.49	12,604.87	6,956.06	176.14	176.06	-64.90	-97.61	-6,513.55	498.45	176.41	322.05	1.548	
12,900.00	7,167.78	12,704.87	6,955.93	179.09	179.00	-64.86	-98.19	-6,613.54	498.61	171.30	327.31	1.523	
13,000.00	7,168.08	12,804.87	6,955.79	182.03	181.95	-64.81	-98.77	-6,713.54	498.76	166.19	332.58	1.500 Level 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
13,100.00	7,168.37	12,904.87	6,955.66	184.97	184.89	-64.76	-99.35	-6,813.54	498.92	161.08	337.84	1.477	Level 3
13,200.00	7,168.67	13,004.87	6,955.53	187.92	187.84	-64.72	-99.93	-6,913.54	499.08	155.98	343.10	1.455	Level 3
13,300.00	7,168.96	13,104.87	6,955.40	190.86	190.79	-64.67	-100.50	-7,013.53	499.23	150.88	348.35	1.433	Level 3
13,400.00	7,169.26	13,204.87	6,955.27	193.81	193.73	-64.63	-101.08	-7,113.53	499.39	145.79	353.60	1.412	Level 3
13,500.00	7,169.55	13,304.86	6,955.13	196.76	196.68	-64.58	-101.66	-7,213.53	499.55	140.69	358.85	1.392	Level 3
13,600.00	7,169.85	13,404.86	6,955.00	199.70	199.63	-64.54	-102.24	-7,313.52	499.70	135.61	364.10	1.372	Level 3
13,700.00	7,170.14	13,504.86	6,954.87	202.65	202.58	-64.49	-102.82	-7,413.52	499.86	130.52	369.34	1.353	Level 3
13,800.00	7,170.44	13,604.86	6,954.74	205.60	205.53	-64.44	-103.39	-7,513.52	500.02	125.44	374.58	1.335	Level 3
13,900.00	7,170.73	13,704.86	6,954.60	208.55	208.48	-64.40	-103.97	-7,613.52	500.18	120.36	379.82	1.317	Level 3
14,000.00	7,171.03	13,804.86	6,954.47	211.49	211.43	-64.35	-104.55	-7,713.51	500.34	115.28	385.05	1.299	Level 3
14,100.00	7,171.32	13,904.86	6,954.34	214.44	214.38	-64.31	-105.13	-7,813.51	500.50	110.21	390.29	1.282	Level 3
14,200.00	7,171.62	14,004.86	6,954.21	217.39	217.33	-64.26	-105.71	-7,913.51	500.66	105.14	395.51	1.266	Level 3
14,300.00	7,171.92	14,104.86	6,954.07	220.34	220.28	-64.22	-106.28	-8,013.51	500.82	100.08	400.74	1.250	Level 2
14,400.00	7,172.21	14,204.86	6,953.94	223.29	223.23	-64.17	-106.86	-8,113.50	500.98	95.02	405.96	1.234	Level 2
14,500.00	7,172.51	14,304.86	6,953.81	226.24	226.18	-64.13	-107.44	-8,213.50	501.14	89.96	411.18	1.219	Level 2
14,600.00	7,172.80	14,404.85	6,953.68	229.19	229.13	-64.08	-108.02	-8,313.50	501.30	84.90	416.39	1.204	Level 2
14,700.00	7,173.10	14,504.85	6,953.55	232.14	232.08	-64.03	-108.60	-8,413.50	501.46	79.85	421.61	1.189	Level 2
14,800.00	7,173.39	14,604.85	6,953.41	235.09	235.03	-63.99	-109.17	-8,513.49	501.62	74.80	426.81	1.175	Level 2
14,900.00	7,173.69	14,704.85	6,953.28	238.05	237.99	-63.94	-109.75	-8,613.49	501.78	69.76	432.02	1.161	Level 2
15,000.00	7,173.98	14,804.85	6,953.15	241.00	240.94	-63.90	-110.33	-8,713.49	501.94	64.72	437.22	1.148	Level 2
15,100.00	7,174.28	14,904.85	6,953.02	243.95	243.89	-63.85	-110.91	-8,813.48	502.10	59.69	442.42	1.135	Level 2
15,200.00	7,174.57	15,004.85	6,952.88	246.90	246.84	-63.81	-111.49	-8,913.48	502.27	54.65	447.61	1.122	Level 2
15,300.00	7,174.87	15,104.85	6,952.75	249.85	249.80	-63.76	-112.06	-9,013.48	502.43	49.62	452.81	1.110	Level 2
15,400.00	7,175.16	15,204.85	6,952.62	252.80	252.75	-63.72	-112.64	-9,113.48	502.59	44.60	457.99	1.097	Level 2
15,500.00	7,175.46	15,304.85	6,952.49	255.76	255.70	-63.67	-113.22	-9,213.47	502.76	39.58	463.18	1.085	Level 2
15,600.00	7,175.75	15,404.85	6,952.35	258.71	258.66	-63.63	-113.80	-9,313.47	502.92	34.56	468.36	1.074	Level 2
15,700.00	7,176.05	15,504.84	6,952.22	261.66	261.61	-63.58	-114.38	-9,413.47	503.08	29.55	473.54	1.062	Level 2
15,800.00	7,176.35	15,604.84	6,952.09	264.62	264.57	-63.54	-114.95	-9,513.47	503.25	24.54	478.71	1.051	Level 2
15,900.00	7,176.64	15,704.84	6,951.96	267.57	267.52	-63.49	-115.53	-9,613.46	503.41	19.53	483.88	1.040	Level 2
16,000.00	7,176.94	15,804.84	6,951.83	270.52	270.47	-63.45	-116.11	-9,713.46	503.58	14.53	489.05	1.030	Level 2
16,100.00	7,177.23	15,904.84	6,951.69	273.48	273.43	-63.40	-116.69	-9,813.46	503.74	9.53	494.21	1.019	Level 2
16,200.00	7,177.53	16,004.84	6,951.56	276.43	276.38	-63.36	-117.27	-9,913.46	503.91	4.54	499.37	1.009	Level 2
16,300.00	7,177.82	16,104.84	6,951.43	279.38	279.34	-63.31	-117.84	-10,013.45	504.08	-0.45	504.53	0.999	Level 1
16,400.00	7,178.12	16,204.84	6,951.30	282.34	282.29	-63.27	-118.42	-10,113.45	504.24	-5.44	509.68	0.989	Level 1
16,500.00	7,178.41	16,304.84	6,951.16	285.29	285.25	-63.22	-119.00	-10,213.45	504.41	-10.42	514.83	0.980	Level 1
16,600.00	7,178.71	16,404.84	6,951.03	288.25	288.20	-63.18	-119.58	-10,313.44	504.58	-15.40	519.97	0.970	Level 1
16,700.00	7,179.00	16,504.83	6,950.90	291.20	291.16	-63.13	-120.16	-10,413.44	504.74	-20.37	525.11	0.961	Level 1
16,800.00	7,179.30	16,604.83	6,950.77	294.16	294.11	-63.09	-120.73	-10,513.44	504.91	-25.34	530.25	0.952	Level 1
16,900.00	7,179.59	16,704.83	6,950.63	297.11	297.07	-63.04	-121.31	-10,613.44	505.08	-30.31	535.39	0.943	Level 1
17,000.00	7,179.89	16,804.83	6,950.50	300.07	300.02	-63.00	-121.89	-10,713.43	505.25	-35.27	540.52	0.935	Level 1
17,100.00	7,180.18	16,904.83	6,950.37	303.02	302.98	-62.95	-122.47	-10,813.43	505.41	-40.23	545.64	0.926	Level 1
17,200.00	7,180.48	17,004.83	6,950.24	305.98	305.94	-62.91	-123.05	-10,913.43	505.58	-45.18	550.77	0.918	Level 1
17,300.00	7,180.78	17,104.83	6,950.11	308.93	308.89	-62.86	-123.62	-11,013.43	505.75	-50.13	555.88	0.910	Level 1
17,376.19	7,181.00	17,181.02	6,950.00	311.18	311.14	-62.83	-124.06	-11,089.62	505.88	-53.90	559.78	0.904	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	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	-179.19	-19.68	-0.28	19.68					
100.00	100.00	100.00	100.00	3.28	3.28	-179.19	-19.68	-0.28	19.68	12.16	7.53	2.615		
200.00	200.00	200.00	200.00	3.30	3.30	-179.19	-19.68	-0.28	19.68	12.11	7.57	2.601	CC	
200.00	200.00	200.00	200.00	3.30	3.30	-179.19	-19.68	-0.28	19.68	12.11	7.57	2.601		
300.00	300.00	300.08	300.07	3.35	3.34	-118.07	-19.58	-0.70	19.79	12.14	7.65	2.586		
400.00	399.93	400.22	400.16	3.41	3.41	-117.14	-18.74	-4.10	20.66	12.88	7.78	2.656		
500.00	499.68	500.35	500.03	3.50	3.49	-115.50	-17.07	-10.90	22.40	14.45	7.95	2.818		
600.00	599.13	600.39	599.56	3.61	3.61	-114.17	-14.65	-20.75	25.09	16.91	8.17	3.069		
700.00	698.43	700.34	698.93	3.75	3.74	-114.63	-12.10	-31.15	28.27	19.82	8.45	3.345		
800.00	797.73	800.29	798.30	3.91	3.90	-114.99	-9.54	-41.55	31.45	22.68	8.77	3.587		
900.00	897.02	900.24	897.68	4.09	4.08	-115.28	-6.99	-51.95	34.63	25.51	9.13	3.795		
1,000.00	996.32	1,000.19	997.05	4.29	4.27	-115.53	-4.43	-62.35	37.82	28.30	9.52	3.974		
1,100.00	1,095.61	1,100.14	1,096.43	4.50	4.48	-115.74	-1.88	-72.75	41.00	31.06	9.94	4.126		
1,200.00	1,194.91	1,200.09	1,195.80	4.73	4.70	-115.92	0.67	-83.14	44.18	33.80	10.38	4.256		
1,300.00	1,294.21	1,300.04	1,295.17	4.97	4.93	-116.07	3.23	-93.54	47.37	36.52	10.85	4.366		
1,400.00	1,393.50	1,400.01	1,394.55	5.22	5.17	-116.21	5.78	-103.94	50.55	39.22	11.33	4.460		
1,500.00	1,492.80	1,500.06	1,493.92	5.47	5.42	-116.32	8.34	-114.34	53.74	41.90	11.84	4.540		
1,600.00	1,592.10	1,600.12	1,593.30	5.74	5.68	-116.43	10.89	-124.74	56.93	44.57	12.35	4.608		
1,700.00	1,691.39	1,699.83	1,692.67	6.01	5.94	-116.52	13.44	-135.14	60.11	47.23	12.88	4.666		
1,800.00	1,790.69	1,800.22	1,792.04	6.15	6.08	-116.61	16.00	-145.54	63.30	50.51	12.79	4.951		
1,900.00	1,889.99	1,900.27	1,891.42	6.18	6.11	-116.69	18.55	-155.93	66.48	53.65	12.84	5.179		
2,000.00	1,989.28	2,000.32	1,990.79	6.23	6.15	-116.76	21.11	-166.33	69.67	56.75	12.92	5.391		
2,100.00	2,088.58	2,100.37	2,090.17	6.29	6.21	-116.82	23.66	-176.73	72.86	59.81	13.04	5.586		
2,200.00	2,187.88	2,200.42	2,189.54	6.37	6.29	-116.88	26.22	-187.13	76.04	62.85	13.19	5.763		
2,300.00	2,287.17	2,300.47	2,288.91	6.46	6.38	-116.93	28.77	-197.53	79.23	65.85	13.38	5.923		
2,400.00	2,386.47	2,400.52	2,388.29	6.57	6.48	-116.98	31.32	-207.93	82.42	68.83	13.59	6.066		
2,500.00	2,485.77	2,500.57	2,487.66	6.70	6.60	-117.03	33.88	-218.33	85.60	71.78	13.83	6.191		
2,600.00	2,585.06	2,600.62	2,587.04	6.84	6.74	-117.07	36.43	-228.73	88.79	74.70	14.09	6.301		
2,700.00	2,684.36	2,700.67	2,686.41	6.99	6.88	-117.11	38.99	-239.12	91.98	77.59	14.38	6.395		
2,800.00	2,783.66	2,800.73	2,785.78	7.15	7.04	-117.14	41.54	-249.52	95.16	80.47	14.70	6.476		
2,900.00	2,882.95	2,900.78	2,885.16	7.32	7.20	-117.18	44.09	-259.92	98.35	83.32	15.03	6.543		
3,000.00	2,982.25	3,000.83	2,984.53	7.51	7.38	-117.21	46.65	-270.32	101.54	86.15	15.39	6.599		
3,100.00	3,081.55	3,100.88	3,083.90	7.70	7.57	-117.24	49.20	-280.72	104.72	88.96	15.76	6.644		
3,200.00	3,180.84	3,200.93	3,183.28	7.90	7.76	-117.27	51.76	-291.12	107.91	91.76	16.16	6.680		
3,300.00	3,280.14	3,300.98	3,282.65	8.11	7.97	-117.30	54.31	-301.52	111.10	94.53	16.56	6.707		
3,400.00	3,379.44	3,401.03	3,382.03	8.33	8.18	-117.32	56.86	-311.91	114.29	97.30	16.99	6.727		
3,500.00	3,478.73	3,501.08	3,481.40	8.55	8.39	-117.35	59.42	-322.31	117.47	100.05	17.43	6.741		
3,600.00	3,578.03	3,601.13	3,580.77	8.79	8.62	-117.37	61.97	-332.71	120.66	102.78	17.88	6.750		
3,700.00	3,677.33	3,701.18	3,680.15	9.02	8.85	-117.39	64.53	-343.11	123.85	105.51	18.34	6.753		
3,800.00	3,776.62	3,801.23	3,779.52	9.26	9.09	-117.41	67.08	-353.51	127.03	108.22	18.81	6.753		
3,900.00	3,875.92	3,901.28	3,878.90	9.51	9.33	-117.43	69.64	-363.91	130.22	110.92	19.30	6.748		
4,000.00	3,975.21	4,001.34	3,978.27	9.77	9.57	-117.45	72.19	-374.31	133.41	113.62	19.79	6.741		
4,100.00	4,074.51	4,101.39	4,077.64	10.02	9.82	-117.47	74.74	-384.70	136.60	116.30	20.29	6.732		
4,200.00	4,173.81	4,201.44	4,177.02	10.28	10.07	-117.48	77.30	-395.10	139.78	118.98	20.80	6.720		
4,300.00	4,273.10	4,301.49	4,276.39	10.55	10.33	-117.50	79.85	-405.50	142.97	121.65	21.32	6.706		
4,400.00	4,372.40	4,401.54	4,375.77	10.82	10.59	-117.52	82.41	-415.90	146.16	124.31	21.84	6.691		
4,500.00	4,471.70	4,501.59	4,475.14	11.09	10.86	-117.53	84.96	-426.30	149.34	126.97	22.37	6.675		
4,600.00	4,570.99	4,601.64	4,574.51	11.36	11.12	-117.54	87.51	-436.70	152.53	129.62	22.91	6.658		
4,700.00	4,670.29	4,701.69	4,673.89	11.64	11.39	-117.56	90.07	-447.10	155.72	132.27	23.45	6.640		
4,800.00	4,769.59	4,801.74	4,773.26	11.92	11.67	-117.57	92.62	-457.50	158.91	134.91	24.00	6.621		
4,900.00	4,868.88	4,901.79	4,872.64	12.20	11.94	-117.58	95.18	-467.89	162.09	137.54	24.55	6.602		
5,000.00	4,968.18	5,001.84	4,972.01	12.48	12.22	-117.60	97.73	-478.29	165.28	140.17	25.11	6.583		
5,100.00	5,067.48	5,101.89	5,071.38	12.77	12.50	-117.61	100.29	-488.69	168.47	142.80	25.67	6.563		
5,200.00	5,166.77	5,201.94	5,170.76	13.06	12.78	-117.62	102.84	-499.09	171.65	145.42	26.23	6.543		
5,300.00	5,266.07	5,302.00	5,270.13	13.35	13.06	-117.63	105.39	-509.49	174.84	148.04	26.80	6.524		
5,400.00	5,365.37	5,402.05	5,369.51	13.64	13.35	-117.64	107.95	-519.89	178.03	150.66	27.37	6.504		
5,500.00	5,464.66	5,502.10	5,468.88	13.93	13.63	-117.65	110.50	-530.29	181.22	153.27	27.95	6.484		
5,600.00	5,563.96	5,597.85	5,568.25	14.23	13.91	-117.66	113.06	-540.68	184.40	155.89	28.51	6.467		
5,700.00	5,663.26	5,702.20	5,667.63	14.52	14.21	-117.67	115.61	-551.08	187.59	158.48	29.11	6.445		
5,800.00	5,762.55	5,802.25	5,767.00	14.82	14.50	-117.68	118.16	-561.48	190.78	161.09	29.69	6.426		
5,900.00	5,861.85	5,897.70	5,866.38	15.12	14.78	-117.69	120.72	-571.88	193.97	163.70	30.26	6.410		
6,000.00	5,961.15	6,002.35	5,965.75	15.42	15.08	-117.69	123.27	-582.28	197.15	166.29	30.86	6.388		
6,100.00	6,060.44	6,102.40	6,065.12	15.72	15.38	-117.70	125.83	-592.68	200.34	168.89	31.45	6.369		
6,200.00	6,159.74	6,202.45	6,164.50	16.02	15.67	-117.71	128.38	-603.08	203.53	171.48	32.05	6.351		
6,300.00	6,259.04	6,302.50	6,263.87	16.33	15.97	-117.72	130.94	-613.48	206.71	174.07	32.64	6.333		
6,400.00	6,358.33	6,402.55	6,363.25	16.63	16.26	-117.73	133.49	-623.87	209.90	176.66	33.24	6.315		

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						
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	6,457.63	6,497.39	6,462.62	16.94	16.55	-117.73	136.04	-634.27	213.09	179.27	33.82	6.301	
6,600.00	6,556.93	6,595.84	6,559.46	17.24	16.89	-115.93	138.50	-651.27	216.57	182.06	34.51	6.275	
6,700.00	6,655.60	6,691.03	6,649.53	17.58	17.35	-96.69	140.73	-681.68	221.45	186.08	35.36	6.262	
6,800.00	6,750.90	6,783.79	6,732.01	18.03	17.92	-86.29	142.71	-723.91	227.42	191.06	36.36	6.255	
6,900.00	6,840.42	6,874.52	6,805.92	18.62	18.63	-79.89	144.42	-776.38	233.99	196.49	37.50	6.239	
7,000.00	6,921.96	6,963.53	6,870.46	19.38	19.50	-75.19	145.84	-837.55	240.70	201.87	38.83	6.199	
7,100.00	6,993.53	7,051.09	6,925.03	20.35	20.53	-71.59	146.98	-905.93	247.09	206.72	40.38	6.120	
7,200.00	7,053.34	7,137.48	6,969.19	21.56	21.78	-68.82	147.82	-980.09	252.78	210.56	42.22	5.988	
7,300.00	7,099.94	7,222.95	7,002.61	23.05	23.20	-66.77	148.36	-1,058.69	257.45	213.07	44.38	5.801	
7,400.00	7,132.16	7,307.74	7,025.08	24.79	24.78	-65.35	148.60	-1,140.38	260.84	213.97	46.87	5.565	
7,500.00	7,149.23	7,392.09	7,036.47	26.74	26.49	-64.54	148.54	-1,223.90	262.78	213.10	49.69	5.289	
7,600.00	7,152.13	7,483.47	7,037.89	28.83	28.45	-64.28	148.19	-1,315.24	263.23	210.18	53.05	4.962	
7,700.00	7,152.42	7,583.47	7,037.63	31.05	30.71	-64.15	147.76	-1,415.24	263.31	206.30	57.01	4.619	
7,800.00	7,152.72	7,683.46	7,037.38	33.39	33.09	-64.03	147.33	-1,515.23	263.40	202.23	61.17	4.306	
7,900.00	7,153.01	7,783.46	7,037.12	35.82	35.55	-63.91	146.89	-1,615.23	263.48	197.99	65.49	4.023	
8,000.00	7,153.31	7,883.46	7,036.87	38.33	38.08	-63.78	146.46	-1,715.23	263.57	193.63	69.94	3.769	
8,100.00	7,153.61	7,983.46	7,036.62	40.90	40.67	-63.66	146.03	-1,815.22	263.65	189.16	74.49	3.539	
8,200.00	7,153.90	8,083.46	7,036.36	43.52	43.31	-63.53	145.60	-1,915.22	263.74	184.61	79.13	3.333	
8,300.00	7,154.20	8,183.46	7,036.11	46.18	45.99	-63.41	145.17	-2,015.22	263.83	179.99	83.84	3.147	
8,400.00	7,154.49	8,283.45	7,035.85	48.87	48.70	-63.29	144.73	-2,115.22	263.92	175.32	88.60	2.979	
8,500.00	7,154.79	8,383.45	7,035.60	51.60	51.44	-63.16	144.30	-2,215.21	264.01	170.60	93.41	2.826	
8,600.00	7,155.08	8,483.45	7,035.34	54.35	54.20	-63.04	143.87	-2,315.21	264.10	165.85	98.26	2.688	
8,700.00	7,155.38	8,583.45	7,035.09	57.12	56.99	-62.92	143.44	-2,415.21	264.20	161.07	103.13	2.562	
8,800.00	7,155.67	8,683.45	7,034.83	59.91	59.79	-62.79	143.01	-2,515.20	264.29	156.26	108.03	2.447	
8,900.00	7,155.97	8,783.45	7,034.58	62.71	62.60	-62.67	142.57	-2,615.20	264.39	151.44	112.95	2.341	
9,000.00	7,156.26	8,883.44	7,034.32	65.53	65.43	-62.55	142.14	-2,715.20	264.49	146.61	117.88	2.244	
9,100.00	7,156.56	8,983.44	7,034.07	68.36	68.27	-62.42	141.71	-2,815.19	264.58	141.76	122.82	2.154	
9,200.00	7,156.85	9,083.44	7,033.82	71.20	71.12	-62.30	141.28	-2,915.19	264.68	136.91	127.78	2.071	
9,300.00	7,157.15	9,183.44	7,033.56	74.05	73.97	-62.18	140.85	-3,015.19	264.79	132.05	132.74	1.995	
9,400.00	7,157.44	9,283.44	7,033.31	76.91	76.84	-62.05	140.41	-3,115.19	264.89	127.18	137.70	1.924	
9,500.00	7,157.74	9,383.44	7,033.05	79.78	79.71	-61.93	139.98	-3,215.18	264.99	122.32	142.67	1.857	
9,600.00	7,158.03	9,483.43	7,032.80	82.65	82.59	-61.81	139.55	-3,315.18	265.10	117.45	147.64	1.796	
9,700.00	7,158.33	9,583.43	7,032.54	85.53	85.48	-61.69	139.12	-3,415.18	265.20	112.59	152.61	1.738	
9,800.00	7,158.63	9,683.43	7,032.29	88.41	88.37	-61.56	138.69	-3,515.17	265.31	107.73	157.58	1.684	
9,900.00	7,158.92	9,783.43	7,032.03	91.30	91.26	-61.44	138.25	-3,615.17	265.42	102.87	162.55	1.633	
10,000.00	7,159.22	9,883.43	7,031.78	94.20	94.16	-61.32	137.82	-3,715.17	265.53	98.01	167.51	1.585	
10,100.00	7,159.51	9,983.43	7,031.52	97.10	97.06	-61.20	137.39	-3,815.17	265.64	93.16	172.47	1.540	
10,200.00	7,159.81	10,083.42	7,031.27	100.00	99.97	-61.07	136.96	-3,915.16	265.75	88.32	177.43	1.498 Level 3	
10,300.00	7,160.10	10,183.42	7,031.02	102.90	102.88	-60.95	136.53	-4,015.16	265.86	83.48	182.38	1.458 Level 3	
10,400.00	7,160.40	10,283.42	7,030.76	105.81	105.79	-60.83	136.10	-4,115.16	265.98	78.65	187.33	1.420 Level 3	
10,500.00	7,160.69	10,383.42	7,030.51	108.72	108.70	-60.71	135.66	-4,215.15	266.09	73.83	192.27	1.384 Level 3	
10,600.00	7,160.99	10,483.42	7,030.25	111.64	111.62	-60.59	135.23	-4,315.15	266.21	69.01	197.20	1.350 Level 3	
10,700.00	7,161.28	10,583.42	7,030.00	114.55	114.54	-60.47	134.80	-4,415.15	266.33	64.20	202.13	1.318 Level 3	
10,800.00	7,161.58	10,683.41	7,029.74	117.47	117.46	-60.34	134.37	-4,515.14	266.45	59.40	207.05	1.287 Level 3	
10,900.00	7,161.87	10,783.41	7,029.49	120.39	120.39	-60.22	133.94	-4,615.14	266.57	54.61	211.96	1.258 Level 3	
11,000.00	7,162.17	10,883.41	7,029.23	123.31	123.31	-60.10	133.50	-4,715.14	266.69	49.83	216.86	1.230 Level 2	
11,100.00	7,162.46	10,983.41	7,028.98	126.24	126.24	-59.98	133.07	-4,815.14	266.81	45.06	221.75	1.203 Level 2	
11,200.00	7,162.76	11,083.41	7,028.72	129.16	129.17	-59.86	132.64	-4,915.13	266.94	40.30	226.64	1.178 Level 2	
11,300.00	7,163.06	11,183.41	7,028.47	132.09	132.10	-59.74	132.21	-5,015.13	267.06	35.55	231.52	1.154 Level 2	
11,400.00	7,163.35	11,283.40	7,028.22	135.02	135.03	-59.62	131.78	-5,115.13	267.19	30.80	236.38	1.130 Level 2	
11,500.00	7,163.65	11,383.40	7,027.96	137.95	137.96	-59.50	131.34	-5,215.12	267.32	26.07	241.24	1.108 Level 2	
11,600.00	7,163.94	11,483.40	7,027.71	140.88	140.90	-59.38	130.91	-5,315.12	267.45	21.35	246.09	1.087 Level 2	
11,700.00	7,164.24	11,583.40	7,027.45	143.82	143.83	-59.26	130.48	-5,415.12	267.58	16.64	250.93	1.066 Level 2	
11,800.00	7,164.53	11,683.40	7,027.20	146.75	146.77	-59.14	130.05	-5,515.12	267.71	11.95	255.76	1.047 Level 2	
11,900.00	7,164.83	11,783.40	7,026.94	149.69	149.71	-59.02	129.62	-5,615.11	267.84	7.26	260.58	1.028 Level 2	
12,000.00	7,165.12	11,883.39	7,026.69	152.62	152.65	-58.90	129.18	-5,715.11	267.97	2.58	265.39	1.010 Level 2	
12,100.00	7,165.42	11,983.39	7,026.43	155.56	155.58	-58.78	128.75	-5,815.11	268.11	-2.08	270.19	0.992 Level 1	
12,200.00	7,165.71	12,083.39	7,026.18	158.50	158.52	-58.66	128.32	-5,915.10	268.24	-6.73	274.97	0.976 Level 1	
12,300.00	7,166.01	12,183.39	7,025.92	161.44	161.47	-58.54	127.89	-6,015.10	268.38	-11.37	279.75	0.959 Level 1	
12,400.00	7,166.30	12,283.39	7,025.67	164.38	164.41	-58.42	127.46	-6,115.10	268.52	-16.00	284.52	0.944 Level 1	
12,500.00	7,166.60	12,383.39	7,025.42	167.32	167.35	-58.30	127.02	-6,215.10	268.66	-20.62	289.27	0.929 Level 1	
12,600.00	7,166.89	12,483.38	7,025.16	170.26	170.29	-58.18	126.59	-6,315.09	268.80	-25.22	294.02	0.914 Level 1	
12,700.00	7,167.19	12,583.38	7,024.91	173.20	173.24	-58.06	126.16	-6,415.09	268.94	-29.81	298.75	0.900 Level 1	
12,800.00	7,167.49	12,683.38	7,024.65	176.14	176.18	-57.94	125.73	-6,515.09	269.08	-34.39	303.47	0.887 Level 1	
12,900.00	7,167.78	12,783.38	7,024.40	179.09	179.13	-57.82	125.30	-6,615.08	269.23	-38.96	308.19	0.874 Level 1	
13,000.00	7,168.08	12,883.38	7,024.14	182.03	182.07	-57.70	124.87	-6,715.08	269.37	-43.51	312.89	0.861 Level 1	

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							
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	
13,100.00	7,168.37	12,983.38	7,023.89	184.97	185.02	-57.58	124.43	-6,815.08	269.52	-48.06	317.57	0.849	Level 1	
13,200.00	7,168.67	13,083.37	7,023.63	187.92	187.96	-57.46	124.00	-6,915.07	269.67	-52.59	322.25	0.837	Level 1	
13,300.00	7,168.96	13,183.37	7,023.38	190.86	190.91	-57.35	123.57	-7,015.07	269.81	-57.10	326.92	0.825	Level 1	
13,400.00	7,169.26	13,283.37	7,023.12	193.81	193.86	-57.23	123.14	-7,115.07	269.96	-61.61	331.57	0.814	Level 1	
13,500.00	7,169.55	13,383.37	7,022.87	196.76	196.81	-57.11	122.71	-7,215.07	270.12	-66.10	336.21	0.803	Level 1	
13,600.00	7,169.85	13,483.37	7,022.62	199.70	199.75	-56.99	122.27	-7,315.06	270.27	-70.58	340.84	0.793	Level 1	
13,700.00	7,170.14	13,583.37	7,022.36	202.65	202.70	-56.87	121.84	-7,415.06	270.42	-75.04	345.46	0.783	Level 1	
13,800.00	7,170.44	13,683.36	7,022.11	205.60	205.65	-56.76	121.41	-7,515.06	270.58	-79.49	350.07	0.773	Level 1	
13,900.00	7,170.73	13,783.36	7,021.85	208.55	208.60	-56.64	120.98	-7,615.05	270.73	-83.93	354.66	0.763	Level 1	
14,000.00	7,171.03	13,883.36	7,021.60	211.49	211.55	-56.52	120.55	-7,715.05	270.89	-88.36	359.25	0.754	Level 1	
14,100.00	7,171.32	13,983.36	7,021.34	214.44	214.50	-56.40	120.11	-7,815.05	271.05	-92.77	363.82	0.745	Level 1	
14,200.00	7,171.62	14,083.36	7,021.09	217.39	217.45	-56.29	119.68	-7,915.05	271.20	-97.17	368.38	0.736	Level 1	
14,300.00	7,171.92	14,183.36	7,020.83	220.34	220.40	-56.17	119.25	-8,015.04	271.36	-101.56	372.92	0.728	Level 1	
14,400.00	7,172.21	14,283.35	7,020.58	223.29	223.35	-56.05	118.82	-8,115.04	271.53	-105.93	377.46	0.719	Level 1	
14,500.00	7,172.51	14,383.35	7,020.33	226.24	226.30	-55.94	118.39	-8,215.04	271.69	-110.29	381.98	0.711	Level 1	
14,600.00	7,172.80	14,483.35	7,020.07	229.19	229.26	-55.82	117.95	-8,315.03	271.85	-114.64	386.49	0.703	Level 1	
14,700.00	7,173.10	14,583.35	7,019.82	232.14	232.21	-55.70	117.52	-8,415.03	272.02	-118.97	390.99	0.696	Level 1	
14,800.00	7,173.39	14,683.35	7,019.56	235.09	235.16	-55.59	117.09	-8,515.03	272.18	-123.29	395.47	0.688	Level 1	
14,900.00	7,173.69	14,783.35	7,019.31	238.05	238.11	-55.47	116.66	-8,615.03	272.35	-127.60	399.95	0.681	Level 1	
15,000.00	7,173.98	14,883.34	7,019.05	241.00	241.07	-55.35	116.23	-8,715.02	272.52	-131.89	404.41	0.674	Level 1	
15,100.00	7,174.28	14,983.34	7,018.80	243.95	244.02	-55.24	115.79	-8,815.02	272.69	-136.17	408.86	0.667	Level 1	
15,200.00	7,174.57	15,083.34	7,018.54	246.90	246.97	-55.12	115.36	-8,915.02	272.86	-140.44	413.29	0.660	Level 1	
15,300.00	7,174.87	15,183.34	7,018.29	249.85	249.92	-55.01	114.93	-9,015.01	273.03	-144.69	417.71	0.654	Level 1	
15,400.00	7,175.16	15,283.34	7,018.03	252.80	252.88	-54.89	114.50	-9,115.01	273.20	-148.93	422.12	0.647	Level 1	
15,500.00	7,175.46	15,383.34	7,017.78	255.76	255.83	-54.77	114.07	-9,215.01	273.37	-153.15	426.52	0.641	Level 1	
15,600.00	7,175.75	15,483.33	7,017.53	258.71	258.79	-54.66	113.63	-9,315.00	273.55	-157.36	430.91	0.635	Level 1	
15,700.00	7,176.05	15,583.33	7,017.27	261.66	261.74	-54.54	113.20	-9,415.00	273.72	-161.56	435.28	0.629	Level 1	
15,800.00	7,176.35	15,683.33	7,017.02	264.62	264.69	-54.43	112.77	-9,515.00	273.90	-165.74	439.64	0.623	Level 1	
15,900.00	7,176.64	15,783.33	7,016.76	267.57	267.65	-54.31	112.34	-9,615.00	274.08	-169.91	443.99	0.617	Level 1	
16,000.00	7,176.94	15,883.33	7,016.51	270.52	270.60	-54.20	111.91	-9,714.99	274.26	-174.07	448.32	0.612	Level 1	
16,100.00	7,177.23	15,983.33	7,016.25	273.48	273.56	-54.09	111.48	-9,814.99	274.44	-178.21	452.65	0.606	Level 1	
16,200.00	7,177.53	16,083.32	7,016.00	276.43	276.51	-53.97	111.04	-9,914.99	274.62	-182.34	456.95	0.601	Level 1	
16,300.00	7,177.82	16,183.32	7,015.74	279.38	279.47	-53.86	110.61	-10,014.98	274.80	-186.45	461.25	0.596	Level 1	
16,400.00	7,178.12	16,283.32	7,015.49	282.34	282.42	-53.74	110.18	-10,114.98	274.98	-190.55	465.53	0.591	Level 1	
16,500.00	7,178.41	16,383.32	7,015.23	285.29	285.38	-53.63	109.75	-10,214.98	275.17	-194.64	469.81	0.586	Level 1	
16,600.00	7,178.71	16,483.32	7,014.98	288.25	288.33	-53.52	109.32	-10,314.98	275.35	-198.71	474.06	0.581	Level 1	
16,700.00	7,179.00	16,583.32	7,014.73	291.20	291.29	-53.40	108.88	-10,414.97	275.54	-202.77	478.31	0.576	Level 1	
16,800.00	7,179.30	16,683.31	7,014.47	294.16	294.24	-53.29	108.45	-10,514.97	275.73	-206.81	482.54	0.571	Level 1	
16,900.00	7,179.59	16,783.31	7,014.22	297.11	297.20	-53.18	108.02	-10,614.97	275.92	-210.84	486.76	0.567	Level 1	
17,000.00	7,179.89	16,883.31	7,013.96	300.07	300.16	-53.06	107.59	-10,714.96	276.11	-214.86	490.97	0.562	Level 1	
17,100.00	7,180.18	16,983.31	7,013.71	303.02	303.11	-52.95	107.16	-10,814.96	276.30	-218.86	495.16	0.558	Level 1	
17,200.00	7,180.48	17,083.31	7,013.45	305.98	306.07	-52.84	106.72	-10,914.96	276.49	-222.85	499.34	0.554	Level 1	
17,300.00	7,180.78	17,183.31	7,013.20	308.93	309.02	-52.72	106.29	-11,014.96	276.68	-226.83	503.51	0.550	Level 1	
17,376.19	7,181.00	17,259.50	7,013.00	311.18	311.28	-52.64	105.96	-11,091.15	276.83	-229.85	506.68	0.546	Level 1, ES, SF	

Offset Design5N-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	-179.54	-139.89	-1.11	139.89				
100.00	100.00	100.00	100.00	3.28	3.28	-179.54	-139.89	-1.11	139.89	132.37	7.53	18.585	
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.89	-1.11	139.89	132.33	7.57	18.484	
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.89	-1.11	139.89	132.33	7.57	18.484	CC, ES
300.00	300.00	298.01	298.01	3.35	3.34	-118.60	-140.23	-1.33	140.46	132.81	7.65	18.360	SF
400.00	399.93	393.88	393.82	3.41	3.39	-119.00	-142.93	-3.07	144.96	137.20	7.76	18.672	
500.00	499.68	489.29	489.01	3.50	3.47	-119.73	-148.29	-6.52	153.97	146.05	7.92	19.441	
600.00	599.13	583.94	583.18	3.61	3.57	-120.67	-156.23	-11.65	167.48	159.36	8.12	20.614	
700.00	698.43	677.77	676.18	3.75	3.69	-121.44	-166.69	-18.38	184.43	176.06	8.37	22.046	
800.00	797.73	770.74	767.88	3.91	3.85	-121.57	-179.56	-26.68	203.98	195.34	8.65	23.595	
900.00	897.02	867.47	862.92	4.09	4.05	-121.35	-194.69	-36.43	225.25	216.27	8.98	25.075	
1,000.00	996.32	965.17	958.91	4.29	4.27	-121.17	-210.01	-46.30	246.56	237.19	9.36	26.333	
1,100.00	1,095.61	1,062.87	1,054.89	4.50	4.53	-121.01	-225.33	-56.17	267.87	258.09	9.78	27.401	
1,200.00	1,194.91	1,160.57	1,150.88	4.73	4.80	-120.88	-240.64	-66.04	289.18	278.97	10.22	28.304	
1,300.00	1,294.21	1,258.27	1,246.86	4.97	5.09	-120.76	-255.96	-75.92	310.50	299.81	10.68	29.066	
1,400.00	1,393.50	1,355.97	1,342.85	5.22	5.39	-120.66	-271.28	-85.79	331.81	320.64	11.17	29.706	
1,500.00	1,492.80	1,453.67	1,438.83	5.47	5.70	-120.58	-286.60	-95.66	353.13	341.46	11.67	30.257	
1,600.00	1,592.10	1,551.37	1,534.82	5.74	6.03	-120.50	-301.92	-105.53	374.45	362.25	12.19	30.710	
1,700.00	1,691.39	1,649.07	1,630.81	6.01	6.36	-120.43	-317.23	-115.40	395.76	383.04	12.73	31.096	
1,800.00	1,790.69	1,746.77	1,726.79	6.15	6.63	-120.37	-332.55	-125.28	417.08	404.20	12.88	32.388	
1,900.00	1,889.99	1,844.48	1,822.78	6.18	6.75	-120.31	-347.87	-135.15	438.40	425.57	12.83	34.178	
2,000.00	1,989.28	1,942.18	1,918.76	6.23	6.81	-120.26	-363.19	-145.02	459.72	446.81	12.91	35.618	
2,100.00	2,088.58	2,039.88	2,014.75	6.29	6.89	-120.21	-378.51	-154.89	481.04	468.02	13.02	36.943	
2,200.00	2,187.88	2,137.58	2,110.73	6.37	6.99	-120.17	-393.82	-164.76	502.36	489.19	13.17	38.149	
2,300.00	2,287.17	2,235.28	2,206.72	6.46	7.12	-120.13	-409.14	-174.63	523.68	510.33	13.35	39.233	
2,400.00	2,386.47	2,332.98	2,302.71	6.57	7.26	-120.09	-424.46	-184.51	545.00	531.44	13.56	40.197	
2,500.00	2,485.77	2,430.68	2,398.69	6.70	7.42	-120.06	-439.78	-194.38	566.32	552.52	13.80	41.044	
2,600.00	2,585.06	2,528.38	2,494.68	6.84	7.60	-120.03	-455.10	-204.25	587.64	573.57	14.07	41.780	
2,700.00	2,684.36	2,626.08	2,590.66	6.99	7.80	-120.00	-470.41	-214.12	608.96	594.60	14.36	42.410	
2,800.00	2,783.66	2,723.78	2,686.65	7.15	8.01	-119.97	-485.73	-223.99	630.28	615.60	14.68	42.944	
2,900.00	2,882.95	2,821.48	2,782.63	7.32	8.23	-119.95	-501.05	-233.87	651.60	636.58	15.02	43.388	
3,000.00	2,982.25	2,919.18	2,878.62	7.51	8.47	-119.93	-516.37	-243.74	672.92	657.54	15.38	43.752	
3,100.00	3,081.55	3,016.88	2,974.61	7.70	8.72	-119.90	-531.69	-253.61	694.24	678.48	15.76	44.044	
3,200.00	3,180.84	3,114.58	3,070.59	7.90	8.98	-119.88	-547.00	-263.48	715.56	699.40	16.16	44.272	
3,300.00	3,280.14	3,212.28	3,166.58	8.11	9.25	-119.86	-562.32	-273.35	736.88	720.30	16.58	44.443	
3,400.00	3,379.44	3,309.98	3,262.56	8.33	9.53	-119.85	-577.64	-283.22	758.21	741.19	17.01	44.566	
3,500.00	3,478.73	3,407.68	3,358.55	8.55	9.82	-119.83	-592.96	-293.10	779.53	762.07	17.46	44.643	
3,600.00	3,578.03	3,505.38	3,454.53	8.79	10.11	-119.81	-608.28	-302.97	800.85	782.93	17.92	44.684	
3,700.00	3,677.33	3,603.08	3,550.52	9.02	10.41	-119.80	-623.59	-312.84	822.17	803.77	18.40	44.693	
3,800.00	3,776.62	3,700.78	3,646.51	9.26	10.72	-119.78	-638.91	-322.71	843.49	824.61	18.88	44.675	
3,900.00	3,875.92	3,801.52	3,742.49	9.51	11.04	-119.77	-654.23	-332.58	864.81	845.43	19.38	44.614	
4,000.00	3,975.21	3,903.82	3,838.48	9.77	11.38	-119.75	-669.55	-342.45	886.13	866.23	19.90	44.525	
4,100.00	4,074.51	4,006.12	3,934.46	10.02	11.72	-119.74	-684.87	-352.33	907.46	887.03	20.43	44.420	
4,200.00	4,173.81	4,091.58	4,030.45	10.28	12.00	-119.73	-700.18	-362.20	928.78	907.86	20.92	44.402	
4,300.00	4,273.10	4,189.28	4,126.43	10.55	12.34	-119.72	-715.50	-372.07	950.10	928.65	21.45	44.298	
4,400.00	4,372.40	4,286.98	4,222.42	10.82	12.67	-119.71	-730.82	-381.94	971.42	949.44	21.98	44.186	
4,500.00	4,471.70	4,384.68	4,318.41	11.09	13.01	-119.69	-746.14	-391.81	992.74	970.21	22.53	44.066	
4,600.00	4,570.99	4,482.38	4,414.39	11.36	13.36	-119.68	-761.46	-401.69	1,014.07	990.99	23.08	43.940	
4,700.00	4,670.29	4,580.08	4,510.38	11.64	13.70	-119.67	-776.77	-411.56	1,035.39	1,011.75	23.63	43.809	
4,800.00	4,769.59	4,677.78	4,606.36	11.92	14.05	-119.67	-792.09	-421.43	1,056.71	1,032.51	24.19	43.675	
4,900.00	4,868.88	4,775.48	4,702.35	12.20	14.40	-119.66	-807.41	-431.30	1,078.03	1,053.27	24.76	43.538	
5,000.00	4,968.18	4,873.18	4,798.33	12.48	14.75	-119.65	-822.73	-441.17	1,099.35	1,074.02	25.33	43.400	
5,100.00	5,067.48	4,970.89	4,894.32	12.77	15.11	-119.64	-838.05	-451.04	1,120.67	1,094.77	25.91	43.260	
5,200.00	5,166.77	5,068.59	4,990.31	13.06	15.47	-119.63	-853.36	-460.92	1,142.00	1,115.51	26.48	43.120	
5,300.00	5,266.07	5,166.29	5,086.29	13.35	15.83	-119.62	-868.68	-470.79	1,163.32	1,136.25	27.07	42.980	
5,400.00	5,365.37	5,263.99	5,182.28	13.64	16.19	-119.62	-884.00	-480.66	1,184.64	1,156.99	27.65	42.840	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-119.86	-1.11	119.86				
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-119.86	-1.11	119.86	112.34	7.53	15.924	
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-119.86	-1.11	119.86	112.29	7.57	15.837	CC
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-119.86	-1.11	119.86	112.29	7.57	15.837	ES
300.00	300.00	298.42	298.42	3.35	3.34	-118.51	-120.17	-1.38	120.40	112.75	7.65	15.737	SF
400.00	399.93	395.13	395.07	3.41	3.40	-118.85	-122.69	-3.46	124.68	116.92	7.77	16.057	
500.00	499.68	491.43	491.14	3.50	3.47	-119.46	-127.68	-7.61	133.25	125.33	7.92	16.816	
600.00	599.13	587.05	586.28	3.61	3.57	-120.23	-135.10	-13.76	146.09	137.96	8.13	17.964	
700.00	698.43	681.94	680.31	3.75	3.70	-120.70	-144.87	-21.87	162.12	153.74	8.38	19.348	
800.00	797.73	778.97	776.09	3.91	3.86	-120.56	-156.76	-31.75	180.05	171.37	8.68	20.747	
900.00	897.02	877.32	873.16	4.09	4.06	-120.40	-168.95	-41.87	198.11	189.09	9.02	21.953	
1,000.00	996.32	975.68	970.23	4.29	4.28	-120.27	-181.14	-51.99	216.18	206.77	9.41	22.981	
1,100.00	1,095.61	1,074.03	1,067.30	4.50	4.52	-120.16	-193.33	-62.11	234.24	224.42	9.82	23.852	
1,200.00	1,194.91	1,172.38	1,164.37	4.73	4.77	-120.06	-205.52	-72.23	252.31	242.04	10.26	24.588	
1,300.00	1,294.21	1,270.74	1,261.44	4.97	5.05	-119.98	-217.71	-82.35	270.37	259.65	10.73	25.207	
1,400.00	1,393.50	1,369.09	1,358.51	5.22	5.33	-119.91	-229.90	-92.47	288.44	277.23	11.21	25.728	
1,500.00	1,492.80	1,467.45	1,455.58	5.47	5.62	-119.85	-242.09	-102.59	306.51	294.79	11.71	26.171	
1,600.00	1,592.10	1,565.80	1,552.65	5.74	5.93	-119.79	-254.28	-112.71	324.57	312.34	12.23	26.538	
1,700.00	1,691.39	1,664.15	1,649.72	6.01	6.24	-119.74	-266.47	-122.83	342.64	329.88	12.76	26.850	
1,800.00	1,790.69	1,762.51	1,746.79	6.15	6.46	-119.70	-278.66	-132.95	360.71	347.82	12.89	27.989	
1,900.00	1,889.99	1,860.86	1,843.86	6.18	6.55	-119.66	-290.85	-143.07	378.78	365.96	12.82	29.556	
2,000.00	1,989.28	1,959.21	1,940.93	6.23	6.61	-119.62	-303.04	-153.19	396.84	383.95	12.90	30.770	
2,100.00	2,088.58	2,057.57	2,038.00	6.29	6.68	-119.58	-315.23	-163.31	414.91	401.90	13.01	31.885	
2,200.00	2,187.88	2,155.92	2,135.07	6.37	6.78	-119.55	-327.42	-173.43	432.98	419.82	13.16	32.899	
2,300.00	2,287.17	2,254.28	2,232.13	6.46	6.89	-119.52	-339.61	-183.55	451.05	437.71	13.34	33.810	
2,400.00	2,386.47	2,352.63	2,329.20	6.57	7.02	-119.50	-351.80	-193.67	469.12	455.57	13.55	34.619	
2,500.00	2,485.77	2,450.98	2,426.27	6.70	7.17	-119.47	-363.99	-203.79	487.19	473.40	13.79	35.330	
2,600.00	2,585.06	2,549.34	2,523.34	6.84	7.33	-119.45	-376.18	-213.92	505.25	491.20	14.06	35.946	
2,700.00	2,684.36	2,647.69	2,620.41	6.99	7.51	-119.43	-388.37	-224.04	523.32	508.97	14.35	36.474	
2,800.00	2,783.66	2,746.05	2,717.48	7.15	7.71	-119.41	-400.56	-234.16	541.39	526.73	14.66	36.920	
2,900.00	2,882.95	2,844.40	2,814.55	7.32	7.91	-119.39	-412.75	-244.28	559.46	544.46	15.00	37.292	
3,000.00	2,982.25	2,942.75	2,911.62	7.51	8.13	-119.37	-424.94	-254.40	577.53	562.17	15.36	37.595	
3,100.00	3,081.55	3,041.11	3,008.69	7.70	8.36	-119.36	-437.13	-264.52	595.60	579.86	15.74	37.838	
3,200.00	3,180.84	3,139.46	3,105.76	7.90	8.60	-119.34	-449.32	-274.64	613.67	597.53	16.14	38.026	
3,300.00	3,280.14	3,237.82	3,202.83	8.11	8.85	-119.33	-461.51	-284.76	631.74	615.18	16.55	38.167	
3,400.00	3,379.44	3,336.17	3,299.90	8.33	9.11	-119.31	-473.70	-294.88	649.80	632.82	16.98	38.267	
3,500.00	3,478.73	3,434.52	3,396.97	8.55	9.37	-119.30	-485.89	-305.00	667.87	650.45	17.42	38.329	
3,600.00	3,578.03	3,532.88	3,494.04	8.79	9.65	-119.29	-498.08	-315.12	685.94	668.06	17.88	38.361	
3,700.00	3,677.33	3,631.23	3,591.11	9.02	9.93	-119.28	-510.27	-325.24	704.01	685.66	18.35	38.365	
3,800.00	3,776.62	3,729.58	3,688.18	9.26	10.21	-119.27	-522.46	-335.36	722.08	703.25	18.83	38.346	
3,900.00	3,875.92	3,827.94	3,785.25	9.51	10.50	-119.26	-534.65	-345.48	740.15	720.83	19.32	38.308	
4,000.00	3,975.21	3,926.29	3,882.31	9.77	10.80	-119.25	-546.84	-355.60	758.22	738.40	19.82	38.253	
4,100.00	4,074.51	4,024.65	3,979.38	10.02	11.10	-119.24	-559.03	-365.72	776.29	755.96	20.33	38.183	
4,200.00	4,173.81	4,123.00	4,076.45	10.28	11.40	-119.23	-571.22	-375.84	794.36	773.51	20.85	38.103	
4,300.00	4,273.10	4,221.35	4,173.52	10.55	11.71	-119.22	-583.41	-385.96	812.43	791.05	21.37	38.012	
4,400.00	4,372.40	4,319.71	4,270.59	10.82	12.02	-119.21	-595.60	-396.08	830.50	808.59	21.90	37.914	
4,500.00	4,471.70	4,418.06	4,367.66	11.09	12.34	-119.20	-607.79	-406.20	848.57	826.12	22.44	37.810	
4,600.00	4,570.99	4,516.42	4,464.73	11.36	12.66	-119.20	-619.98	-416.32	866.64	843.65	22.99	37.700	
4,700.00	4,670.29	4,614.77	4,561.80	11.64	12.98	-119.19	-632.17	-426.44	884.70	861.17	23.54	37.587	
4,800.00	4,769.59	4,713.12	4,658.87	11.92	13.31	-119.18	-644.36	-436.56	902.77	878.68	24.09	37.470	
4,900.00	4,868.88	4,811.48	4,755.94	12.20	13.63	-119.17	-656.55	-446.68	920.84	896.19	24.65	37.351	
5,000.00	4,968.18	4,909.83	4,853.01	12.48	13.96	-119.17	-668.74	-456.80	938.91	913.69	25.22	37.231	
5,100.00	5,067.48	5,008.19	4,950.08	12.77	14.30	-119.16	-680.93	-466.92	956.98	931.19	25.79	37.110	
5,200.00	5,166.77	5,106.54	5,047.15	13.06	14.63	-119.16	-693.12	-477.04	975.05	948.69	26.36	36.989	
5,300.00	5,266.07	5,204.89	5,144.22	13.35	14.96	-119.15	-705.31	-487.16	993.12	966.18	26.94	36.868	
5,400.00	5,365.37	5,303.25	5,241.29	13.64	15.30	-119.14	-717.50	-497.28	1,011.19	983.67	27.52	36.747	
5,500.00	5,464.66	5,401.60	5,338.36	13.93	15.64	-119.14	-729.69	-507.41	1,029.26	1,001.16	28.10	36.626	
5,600.00	5,563.96	5,500.05	5,435.42	14.23	15.98	-119.13	-741.88	-517.53	1,047.33	1,018.64	28.69	36.507	
5,700.00	5,663.26	5,601.69	5,532.49	14.52	16.34	-119.13	-754.07	-527.65	1,065.40	1,036.11	29.29	36.376	
5,800.00	5,762.55	5,703.34	5,629.56	14.82	16.69	-119.12	-766.26	-537.77	1,083.47	1,053.58	29.89	36.248	
5,900.00	5,861.85	5,804.98	5,726.63	15.12	17.05	-119.12	-778.45	-547.89	1,101.54	1,071.04	30.50	36.121	
6,000.00	5,961.15	5,893.37	5,823.70	15.42	17.36	-119.12	-790.64	-558.01	1,119.61	1,088.54	31.06	36.044	
6,100.00	6,060.44	6,008.28	5,920.77	15.72	17.76	-119.11	-802.83	-568.13	1,137.68	1,105.96	31.71	35.873	
6,200.00	6,159.74	6,109.92	6,017.84	16.02	18.12	-119.11	-815.02	-578.25	1,155.75	1,123.42	32.33	35.753	
6,300.00	6,259.04	6,188.43	6,114.91	16.33	18.40	-119.10	-827.21	-588.37	1,173.82	1,140.95	32.87	35.713	
6,400.00	6,358.33	6,286.79	6,211.98	16.63	18.75	-119.10	-839.40	-598.49	1,191.89	1,158.41	33.47	35.607	

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	-127.37	-138.44	-181.26	228.09				
100.00	100.00	102.00	102.00	3.28	3.28	-127.37	-138.44	-181.26	228.09	220.56	7.53	30.301	
200.00	200.00	202.00	202.00	3.30	3.30	-127.37	-138.44	-181.26	228.09	220.52	7.57	30.133	
261.24	261.24	262.26	262.26	3.33	3.33	-66.45	-138.46	-181.29	227.98	220.37	7.62	29.935	CC, ES
300.00	300.00	298.17	298.17	3.35	3.34	-66.45	-138.67	-181.60	228.35	220.70	7.65	29.848	
400.00	399.93	390.72	390.66	3.41	3.39	-67.11	-140.36	-184.14	230.26	222.50	7.76	29.679	
500.00	499.68	483.02	482.76	3.50	3.47	-68.37	-143.70	-189.14	234.12	226.22	7.90	29.628	SF
600.00	599.13	574.92	574.22	3.61	3.56	-70.19	-148.66	-196.58	240.12	232.04	8.08	29.707	
700.00	698.43	666.38	664.92	3.75	3.68	-72.18	-155.20	-206.39	249.13	240.82	8.31	29.987	
800.00	797.73	757.31	754.67	3.91	3.83	-73.90	-163.30	-218.54	261.54	252.97	8.57	30.525	
900.00	897.02	847.54	843.22	4.09	4.02	-75.32	-172.90	-232.92	277.23	268.37	8.86	31.280	
1,000.00	996.32	936.90	930.34	4.29	4.25	-76.45	-183.92	-249.45	296.08	286.89	9.19	32.221	
1,100.00	1,095.61	1,025.23	1,015.80	4.50	4.51	-77.30	-196.29	-268.00	317.97	308.43	9.54	33.320	
1,200.00	1,194.91	1,118.38	1,105.31	4.73	4.84	-77.98	-210.59	-289.45	342.27	332.30	9.96	34.348	
1,300.00	1,294.21	1,215.25	1,198.33	4.97	5.21	-78.58	-225.59	-311.93	366.83	356.39	10.44	35.133	
1,400.00	1,393.50	1,312.12	1,291.36	5.22	5.61	-79.11	-240.58	-334.42	391.43	380.48	10.95	35.761	
1,500.00	1,492.80	1,408.99	1,384.38	5.47	6.02	-79.57	-255.58	-356.90	416.05	404.58	11.47	36.277	
1,600.00	1,592.10	1,505.86	1,477.40	5.74	6.46	-79.98	-270.57	-379.39	440.70	428.68	12.01	36.679	
1,700.00	1,691.39	1,602.72	1,570.43	6.01	6.91	-80.35	-285.57	-401.87	465.36	452.79	12.58	37.003	
1,800.00	1,790.69	1,699.59	1,663.45	6.15	7.36	-80.68	-300.56	-424.35	490.05	477.23	12.82	38.224	
1,900.00	1,889.99	1,803.54	1,756.47	6.18	7.64	-80.98	-315.56	-446.84	514.74	501.89	12.86	40.041	
2,000.00	1,989.28	1,906.67	1,849.49	6.23	7.73	-81.26	-330.55	-469.32	539.45	526.51	12.94	41.683	
2,100.00	2,088.58	1,990.20	1,942.52	6.29	7.83	-81.50	-345.55	-491.81	564.17	551.11	13.06	43.211	
2,200.00	2,187.88	2,087.07	2,035.54	6.37	7.97	-81.73	-360.54	-514.29	588.90	575.68	13.21	44.568	
2,300.00	2,287.17	2,183.94	2,128.56	6.46	8.15	-81.94	-375.54	-536.78	613.63	600.23	13.41	45.771	
2,400.00	2,386.47	2,280.81	2,221.58	6.57	8.36	-82.13	-390.53	-559.26	638.38	624.74	13.63	46.821	
2,500.00	2,485.77	2,377.68	2,314.61	6.70	8.60	-82.31	-405.53	-581.74	663.13	649.23	13.90	47.723	
2,600.00	2,585.06	2,474.55	2,407.63	6.84	8.86	-82.48	-420.52	-604.23	687.88	673.69	14.19	48.487	
2,700.00	2,684.36	2,571.41	2,500.65	6.99	9.14	-82.63	-435.52	-626.71	712.64	698.13	14.51	49.121	
2,800.00	2,783.66	2,668.28	2,593.67	7.15	9.45	-82.78	-450.51	-649.20	737.41	722.55	14.86	49.636	
2,900.00	2,882.95	2,765.15	2,686.70	7.32	9.77	-82.91	-465.51	-671.68	762.17	746.94	15.23	50.045	
3,000.00	2,982.25	2,862.02	2,779.72	7.51	10.12	-83.04	-480.50	-694.16	786.95	771.32	15.63	50.358	
3,100.00	3,081.55	2,958.89	2,872.74	7.70	10.47	-83.16	-495.50	-716.65	811.72	795.68	16.05	50.587	
3,200.00	3,180.84	3,055.76	2,965.77	7.90	10.85	-83.27	-510.49	-739.13	836.50	820.02	16.49	50.742	
3,300.00	3,280.14	3,152.63	3,058.79	8.11	11.23	-83.37	-525.49	-761.62	861.28	844.34	16.94	50.835	
3,400.00	3,379.44	3,249.50	3,151.81	8.33	11.63	-83.47	-540.48	-784.10	886.07	868.65	17.42	50.872	
3,500.00	3,478.73	3,346.37	3,244.83	8.55	12.03	-83.57	-555.48	-806.59	910.85	892.95	17.91	50.863	
3,600.00	3,578.03	3,443.23	3,337.86	8.79	12.45	-83.66	-570.47	-829.07	935.64	917.23	18.41	50.816	
3,700.00	3,677.33	3,540.10	3,430.88	9.02	12.87	-83.74	-585.47	-851.55	960.43	941.50	18.93	50.735	
3,800.00	3,776.62	3,636.97	3,523.90	9.26	13.30	-83.82	-600.46	-874.04	985.23	965.77	19.46	50.627	
3,900.00	3,875.92	3,733.84	3,616.92	9.51	13.74	-83.90	-615.46	-896.52	1,010.02	990.02	20.00	50.497	
4,000.00	3,975.21	3,830.71	3,709.95	9.77	14.18	-83.97	-630.45	-919.01	1,034.82	1,014.26	20.55	50.348	
4,100.00	4,074.51	3,927.58	3,802.97	10.02	14.63	-84.04	-645.44	-941.49	1,059.61	1,038.50	21.11	50.185	
4,200.00	4,173.81	4,024.45	3,895.99	10.28	15.09	-84.10	-660.44	-963.97	1,084.41	1,062.73	21.68	50.010	
4,300.00	4,273.10	4,121.32	3,989.01	10.55	15.55	-84.17	-675.43	-986.46	1,109.21	1,086.95	22.26	49.826	
4,400.00	4,372.40	4,218.19	4,082.04	10.82	16.01	-84.23	-690.43	-1,008.94	1,134.01	1,111.17	22.85	49.635	
4,500.00	4,471.70	4,315.06	4,175.06	11.09	16.48	-84.28	-705.42	-1,031.43	1,158.82	1,135.38	23.44	49.440	
4,600.00	4,570.99	4,411.92	4,268.08	11.36	16.95	-84.34	-720.42	-1,053.91	1,183.62	1,159.58	24.04	49.240	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	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	-123.19	-118.40	-180.99	216.27					
100.00	100.00	102.00	102.00	3.28	3.28	-123.19	-118.40	-180.99	216.27	208.74	7.53	28.731		
200.00	200.00	202.00	202.00	3.30	3.30	-123.19	-118.40	-180.99	216.27	208.70	7.57	28.572		
264.09	264.09	264.97	264.97	3.33	3.33	-62.27	-118.41	-181.02	216.15	208.53	7.62	28.372	CC, ES	
300.00	300.00	298.36	298.36	3.35	3.34	-62.27	-118.59	-181.34	216.51	208.85	7.65	28.299		
400.00	399.93	391.29	391.23	3.41	3.40	-62.93	-120.05	-184.05	218.20	210.44	7.76	28.121		
500.00	499.68	484.00	483.74	3.50	3.47	-64.20	-122.92	-189.40	221.61	213.70	7.90	28.040	SF	
600.00	599.13	576.38	575.67	3.61	3.56	-66.04	-127.20	-197.34	226.92	218.83	8.08	28.069		
700.00	698.43	668.37	666.88	3.75	3.69	-68.02	-132.85	-207.84	235.12	226.82	8.31	28.299		
800.00	797.73	759.88	757.20	3.91	3.84	-69.71	-139.85	-220.83	246.73	238.16	8.57	28.791		
900.00	897.02	850.74	846.34	4.09	4.03	-71.09	-148.15	-236.24	261.60	252.74	8.87	29.508		
1,000.00	996.32	940.75	934.08	4.29	4.26	-72.16	-157.69	-253.95	279.62	270.43	9.19	30.416		
1,100.00	1,095.61	1,029.77	1,020.18	4.50	4.53	-72.94	-168.40	-273.85	300.67	291.12	9.55	31.489		
1,200.00	1,194.91	1,125.76	1,112.52	4.73	4.87	-73.57	-180.81	-296.91	323.61	313.62	9.99	32.398		
1,300.00	1,294.21	1,223.03	1,206.09	4.97	5.24	-74.13	-193.41	-320.30	346.60	336.14	10.47	33.117		
1,400.00	1,393.50	1,320.29	1,299.66	5.22	5.64	-74.62	-206.00	-343.69	369.62	358.65	10.97	33.688		
1,500.00	1,492.80	1,417.56	1,393.23	5.47	6.05	-75.05	-218.60	-367.08	392.67	381.18	11.49	34.162		
1,600.00	1,592.10	1,514.83	1,486.80	5.74	6.48	-75.43	-231.19	-390.47	415.73	403.69	12.04	34.532		
1,700.00	1,691.39	1,612.10	1,580.37	6.01	6.93	-75.77	-243.79	-413.86	438.81	426.21	12.60	34.823		
1,800.00	1,790.69	1,709.37	1,673.94	6.15	7.37	-76.08	-256.38	-437.25	461.91	449.08	12.83	36.003		
1,900.00	1,889.99	1,806.64	1,767.51	6.18	7.61	-76.36	-268.97	-460.64	485.01	472.16	12.85	37.752		
2,000.00	1,989.28	1,903.90	1,861.08	6.23	7.69	-76.61	-281.57	-484.03	508.13	495.20	12.93	39.298		
2,100.00	2,088.58	2,001.17	1,954.65	6.29	7.81	-76.85	-294.16	-507.42	531.25	518.20	13.05	40.707		
2,200.00	2,187.88	2,101.56	2,048.22	6.37	7.96	-77.06	-306.76	-530.82	554.38	541.17	13.21	41.962		
2,300.00	2,287.17	2,195.71	2,141.79	6.46	8.13	-77.25	-319.35	-554.21	577.52	564.12	13.40	43.089		
2,400.00	2,386.47	2,307.02	2,235.37	6.57	8.38	-77.43	-331.95	-577.60	600.66	587.01	13.65	44.005		
2,500.00	2,485.77	2,409.75	2,328.94	6.70	8.63	-77.60	-344.54	-600.99	623.81	609.89	13.92	44.808		
2,600.00	2,585.06	2,487.51	2,422.51	6.84	8.84	-77.76	-357.13	-624.38	646.96	632.78	14.18	45.610		
2,700.00	2,684.36	2,584.78	2,516.08	6.99	9.12	-77.90	-369.73	-647.77	670.12	655.61	14.51	46.197		
2,800.00	2,783.66	2,682.05	2,609.65	7.15	9.43	-78.03	-382.32	-671.16	693.28	678.43	14.85	46.673		
2,900.00	2,882.95	2,779.32	2,703.22	7.32	9.75	-78.16	-394.92	-694.55	716.45	701.22	15.23	47.050		
3,000.00	2,982.25	2,876.59	2,796.79	7.51	10.09	-78.28	-407.51	-717.94	739.61	723.99	15.62	47.338		
3,100.00	3,081.55	2,973.86	2,890.36	7.70	10.45	-78.39	-420.11	-741.33	762.78	746.74	16.04	47.548		
3,200.00	3,180.84	3,071.12	2,983.93	7.90	10.81	-78.49	-432.70	-764.72	785.96	769.48	16.48	47.690		
3,300.00	3,280.14	3,168.39	3,077.50	8.11	11.20	-78.59	-445.30	-788.11	809.13	792.19	16.94	47.773		
3,400.00	3,379.44	3,265.66	3,171.07	8.33	11.59	-78.68	-457.89	-811.51	832.31	814.90	17.41	47.805		
3,500.00	3,478.73	3,362.93	3,264.64	8.55	11.99	-78.77	-470.48	-834.90	855.49	837.59	17.90	47.794		
3,600.00	3,578.03	3,460.20	3,358.21	8.79	12.40	-78.86	-483.08	-858.29	878.67	860.27	18.40	47.746		
3,700.00	3,677.33	3,557.47	3,451.78	9.02	12.82	-78.93	-495.67	-881.68	901.85	882.93	18.92	47.668		
3,800.00	3,776.62	3,654.73	3,545.35	9.26	13.25	-79.01	-508.27	-905.07	925.04	905.59	19.45	47.565		
3,900.00	3,875.92	3,752.00	3,638.92	9.51	13.69	-79.08	-520.86	-928.46	948.22	928.23	19.99	47.441		
4,000.00	3,975.21	3,849.27	3,732.49	9.77	14.13	-79.15	-533.46	-951.85	971.41	950.87	20.54	47.300		
4,100.00	4,074.51	3,946.54	3,826.06	10.02	14.57	-79.21	-546.05	-975.24	994.60	973.50	21.10	47.145		
4,200.00	4,173.81	4,043.81	3,919.63	10.28	15.02	-79.28	-558.65	-998.63	1,017.79	996.12	21.66	46.979		
4,300.00	4,273.10	4,141.08	4,013.20	10.55	15.48	-79.33	-571.24	-1,022.02	1,040.98	1,018.74	22.24	46.806		
4,400.00	4,372.40	4,238.34	4,106.77	10.82	15.94	-79.39	-583.83	-1,045.41	1,064.17	1,041.35	22.82	46.625		
4,500.00	4,471.70	4,335.61	4,200.34	11.09	16.40	-79.44	-596.43	-1,068.80	1,087.36	1,063.95	23.41	46.441		
4,600.00	4,570.99	4,432.88	4,293.91	11.36	16.87	-79.50	-609.02	-1,092.19	1,110.56	1,086.54	24.01	46.253		
4,700.00	4,670.29	4,530.15	4,387.48	11.64	17.34	-79.55	-621.62	-1,115.59	1,133.75	1,109.14	24.61	46.063		
4,800.00	4,769.59	4,627.42	4,481.05	11.92	17.82	-79.59	-634.21	-1,138.98	1,156.94	1,131.72	25.22	45.873		
4,900.00	4,868.88	4,724.69	4,574.62	12.20	18.29	-79.64	-646.81	-1,162.37	1,180.14	1,154.31	25.83	45.682		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1											Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	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	173.54	7.57	23.925	CC, ES		
300.00	300.00	299.91	299.91	3.35	3.34	-34.93	-18.53	-180.58	181.20	173.55	7.65	23.679			
400.00	399.93	394.07	394.01	3.41	3.40	-35.31	-18.20	-183.75	181.65	173.89	7.76	23.396			
500.00	499.68	488.20	487.92	3.50	3.48	-36.08	-17.54	-189.99	182.49	174.58	7.91	23.068			
600.00	599.13	582.27	581.53	3.61	3.58	-37.20	-16.57	-199.29	183.78	175.69	8.09	22.710			
700.00	698.43	676.27	674.70	3.75	3.71	-38.33	-15.27	-211.63	187.20	178.89	8.31	22.522			
800.00	797.73	770.02	767.17	3.91	3.87	-39.15	-13.66	-226.96	193.84	185.27	8.57	22.625			
900.00	897.02	863.32	858.65	4.09	4.07	-39.67	-11.74	-245.19	203.63	194.77	8.86	22.990			
1,000.00	996.32	957.87	950.72	4.29	4.31	-39.90	-9.50	-266.55	216.39	207.19	9.19	23.544			
1,100.00	1,095.61	1,056.95	1,047.02	4.50	4.61	-40.06	-7.06	-289.72	229.94	220.35	9.59	23.967			
1,200.00	1,194.91	1,156.02	1,143.32	4.73	4.93	-40.21	-4.63	-312.89	243.50	233.47	10.03	24.287			
1,300.00	1,294.21	1,255.10	1,239.62	4.97	5.27	-40.33	-2.19	-336.06	257.05	246.57	10.48	24.519			
1,400.00	1,393.50	1,354.17	1,335.91	5.22	5.63	-40.45	0.24	-359.23	270.61	259.64	10.97	24.677			
1,500.00	1,492.80	1,453.25	1,432.21	5.47	6.01	-40.55	2.68	-382.40	284.17	272.71	11.46	24.800			
1,600.00	1,592.10	1,552.32	1,528.51	5.74	6.40	-40.65	5.12	-405.57	297.73	285.76	11.97	24.864			
1,700.00	1,691.39	1,651.40	1,624.81	6.01	6.80	-40.73	7.55	-428.74	311.29	298.79	12.50	24.896			
1,800.00	1,790.69	1,750.48	1,721.10	6.15	7.12	-40.81	9.99	-451.91	324.85	312.21	12.64	25.699			
1,900.00	1,889.99	1,849.55	1,817.40	6.18	7.26	-40.88	12.42	-475.08	338.41	325.83	12.58	26.902			
2,000.00	1,989.28	1,948.63	1,913.70	6.23	7.34	-40.95	14.86	-498.24	351.98	339.32	12.65	27.820			
2,100.00	2,088.58	2,047.70	2,009.99	6.29	7.45	-41.01	17.29	-521.41	365.54	352.78	12.76	28.649			
2,200.00	2,187.88	2,146.78	2,106.29	6.37	7.59	-41.07	19.73	-544.58	379.10	366.20	12.90	29.387			
2,300.00	2,287.17	2,245.85	2,202.59	6.46	7.75	-41.12	22.16	-567.75	392.67	379.59	13.07	30.034			
2,400.00	2,386.47	2,344.93	2,298.89	6.57	7.94	-41.17	24.60	-590.92	406.23	392.95	13.28	30.592			
2,500.00	2,485.77	2,444.00	2,395.18	6.70	8.15	-41.22	27.03	-614.09	419.79	406.28	13.51	31.064			
2,600.00	2,585.06	2,543.08	2,491.48	6.84	8.39	-41.26	29.47	-637.26	433.36	419.58	13.78	31.455			
2,700.00	2,684.36	2,642.15	2,587.78	6.99	8.64	-41.31	31.90	-660.43	446.92	432.86	14.07	31.771			
2,800.00	2,783.66	2,741.23	2,684.08	7.15	8.91	-41.34	34.34	-683.60	460.49	446.11	14.38	32.019			
2,900.00	2,882.95	2,840.30	2,780.37	7.32	9.20	-41.38	36.78	-706.77	474.05	459.33	14.72	32.205			
3,000.00	2,982.25	2,939.38	2,876.67	7.51	9.50	-41.42	39.21	-729.94	487.62	472.54	15.08	32.336			
3,100.00	3,081.55	3,038.45	2,972.97	7.70	9.81	-41.45	41.65	-753.10	501.18	485.72	15.46	32.418			
3,200.00	3,180.84	3,137.53	3,069.26	7.90	10.14	-41.48	44.08	-776.27	514.75	498.89	15.86	32.459			
3,300.00	3,280.14	3,236.60	3,165.56	8.11	10.48	-41.51	46.52	-799.44	528.32	512.04	16.27	32.463			
3,400.00	3,379.44	3,335.68	3,261.86	8.33	10.83	-41.54	48.95	-822.61	541.88	525.18	16.71	32.436			
3,500.00	3,478.73	3,434.75	3,358.16	8.55	11.18	-41.56	51.39	-845.78	555.45	538.29	17.15	32.383			
3,600.00	3,578.03	3,533.83	3,454.45	8.79	11.55	-41.59	53.82	-868.95	569.01	551.40	17.61	32.308			
3,700.00	3,677.33	3,632.90	3,550.75	9.02	11.92	-41.61	56.26	-892.12	582.58	564.50	18.08	32.214			
3,800.00	3,776.62	3,731.98	3,647.05	9.26	12.30	-41.63	58.69	-915.29	596.15	577.58	18.57	32.106			
3,900.00	3,875.92	3,831.06	3,743.34	9.51	12.69	-41.66	61.13	-938.46	609.71	590.65	19.06	31.985			
4,000.00	3,975.21	3,930.13	3,839.64	9.77	13.08	-41.68	63.56	-961.63	623.28	603.71	19.57	31.854			
4,100.00	4,074.51	4,029.21	3,935.94	10.02	13.48	-41.70	66.00	-984.80	636.85	616.77	20.08	31.716			
4,200.00	4,173.81	4,128.28	4,032.24	10.28	13.88	-41.72	68.43	-1,007.96	650.41	629.81	20.60	31.572			
4,300.00	4,273.10	4,227.36	4,128.53	10.55	14.28	-41.74	70.87	-1,031.13	663.98	642.85	21.13	31.423			
4,400.00	4,372.40	4,326.43	4,224.83	10.82	14.69	-41.75	73.31	-1,054.30	677.55	655.88	21.67	31.272			
4,500.00	4,471.70	4,425.51	4,321.13	11.09	15.11	-41.77	75.74	-1,077.47	691.11	668.90	22.21	31.118			
4,600.00	4,570.99	4,524.58	4,417.43	11.36	15.52	-41.79	78.18	-1,100.64	704.68	681.92	22.76	30.964			
4,700.00	4,670.29	4,623.66	4,513.72	11.64	15.94	-41.80	80.61	-1,123.81	718.25	694.93	23.31	30.809			
4,800.00	4,769.59	4,722.73	4,610.02	11.92	16.37	-41.82	83.05	-1,146.98	731.81	707.94	23.87	30.655			
4,900.00	4,868.88	4,821.81	4,706.32	12.20	16.79	-41.83	85.48	-1,170.15	745.38	720.94	24.44	30.502			
5,000.00	4,968.18	4,920.88	4,802.61	12.48	17.22	-41.85	87.92	-1,193.32	758.95	733.94	25.01	30.350			
5,100.00	5,067.48	5,019.96	4,898.91	12.77	17.65	-41.86	90.35	-1,216.49	772.51	746.93	25.58	30.200			
5,200.00	5,166.77	5,119.03	4,995.21	13.06	18.08	-41.87	92.79	-1,239.66	786.08	759.92	26.16	30.052			
5,300.00	5,266.07	5,218.11	5,091.51	13.35	18.52	-41.89	95.22	-1,262.83	799.65	772.91	26.74	29.906			
5,400.00	5,365.37	5,317.18	5,187.80	13.64	18.95	-41.90	97.66	-1,285.99	813.22	785.89	27.32	29.762			
5,500.00	5,464.66	5,416.26	5,284.10	13.93	19.39	-41.91	100.09	-1,309.16	826.78	798.87	27.91	29.621			
5,600.00	5,563.96	5,515.33	5,380.40	14.23	19.83	-41.92	102.53	-1,332.33	840.35	811.85	28.50	29.483			
5,700.00	5,663.26	5,614.41	5,476.70	14.52	20.27	-41.93	104.96	-1,355.50	853.92	824.82	29.10	29.348			
5,800.00	5,762.55	5,713.48	5,572.99	14.82	20.71	-41.94	107.40	-1,378.67	867.48	837.79	29.69	29.215			
5,900.00	5,861.85	5,812.56	5,669.29	15.12	21.16	-41.95	109.84	-1,401.84	881.05	850.76	30.29	29.085			
6,000.00	5,961.15	5,911.64	5,765.59	15.42	21.60	-41.96	112.27	-1,425.01	894.62	863.73	30.89	28.958			
6,100.00	6,060.44	6,010.71	5,861.88	15.72	22.05	-41.97	114.71	-1,448.18	908.19	876.69	31.50	28.833			
6,200.00	6,159.74	6,109.79	5,958.18	16.02	22.49	-41.98	117.14	-1,471.35	921.75	889.65	32.10	28.712			
6,300.00	6,259.04	6,022.71	7,173.89	16.33	36.58	-136.19	146.24	-627.63	931.89	900.90	31.00	30.066			
6,400.00	6,358.33	8,014.36	7,173.72	16.63	36.40	-134.38	146.25	-635.97	836.11	804.42	31.68	26.391			
6,500.00	6,457.63	8,006.02	7,173.55	16.94	36.23	-132.55	146.25	-644.31	741.34	708.79	32.55	22.773			

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	6,556.93	8,002.33	7,173.38	17.24	36.15	-130.68	146.26	-652.66	648.04	614.30	33.74	19.204	
6,700.00	6,655.60	7,984.98	7,173.12	17.58	35.80	-126.86	146.27	-665.34	557.42	522.16	35.25	15.812	
6,800.00	6,750.90	7,957.43	7,172.56	18.03	35.26	-128.91	146.30	-692.89	472.81	435.55	37.26	12.690	
6,900.00	6,840.42	7,915.20	7,171.71	18.62	34.42	-128.76	146.34	-735.11	397.74	357.88	39.86	9.978	
7,000.00	6,921.96	7,859.33	7,170.57	19.38	33.37	-125.71	146.39	-790.97	335.71	292.60	43.11	7.787	
7,100.00	6,993.53	7,808.81	7,169.19	20.35	32.45	-120.01	146.46	-859.10	289.62	242.70	46.91	6.174	
7,200.00	7,053.34	7,712.46	7,167.59	21.56	30.84	-112.31	146.53	-937.81	260.39	210.55	49.84	5.224	
7,300.00	7,099.94	7,619.60	7,162.55	23.05	29.45	-102.76	146.54	-1,030.48	245.04	192.96	52.07	4.706	
7,400.00	7,132.16	7,528.67	7,145.28	24.79	28.23	-92.38	146.24	-1,119.68	239.39	185.98	53.41	4.482	
7,408.37	7,134.18	7,521.34	7,143.34	24.95	28.14	-91.52	146.20	-1,126.74	239.35	185.88	53.48	4.476 SF	
7,500.00	7,149.23	7,443.64	7,117.79	26.74	27.26	-82.23	145.67	-1,200.07	243.14	189.62	53.52	4.543	
7,600.00	7,152.13	7,363.74	7,082.41	28.83	26.52	-73.22	144.89	-1,271.65	255.18	202.63	52.55	4.856	
7,700.00	7,152.42	7,293.16	7,043.93	31.05	26.01	-65.24	144.02	-1,330.76	278.81	228.37	50.44	5.528	
7,800.00	7,152.72	7,232.47	7,005.77	33.39	25.67	-58.27	143.13	-1,377.92	315.87	268.25	47.63	6.632	
7,900.00	7,153.01	7,180.62	6,969.75	35.82	25.44	-52.55	142.29	-1,415.18	365.29	320.42	44.87	8.141	
8,000.00	7,153.31	7,136.37	6,936.68	38.33	25.29	-48.00	141.51	-1,444.57	424.83	382.23	42.60	9.973	
8,100.00	7,153.61	7,100.00	6,908.04	40.90	25.18	-44.54	140.83	-1,466.96	492.24	451.33	40.92	12.031	
8,200.00	7,153.90	7,065.93	6,880.09	43.52	25.11	-41.54	140.16	-1,486.41	565.66	525.96	39.70	14.249	
8,300.00	7,154.20	7,037.78	6,856.23	46.18	25.06	-39.25	139.58	-1,501.34	643.68	604.82	38.86	16.565	
8,400.00	7,154.49	7,013.29	6,834.96	48.87	25.02	-37.38	139.07	-1,513.46	725.26	686.98	38.28	18.947	
8,500.00	7,154.79	7,000.00	6,823.22	51.60	25.00	-36.42	138.79	-1,519.70	809.72	771.79	37.92	21.351	
8,600.00	7,155.08	6,972.96	6,798.96	54.35	24.97	-34.57	138.20	-1,531.61	896.20	858.60	37.61	23.832	
8,700.00	7,155.38	6,950.00	6,777.97	57.12	24.94	-33.10	137.69	-1,540.91	984.62	947.23	37.39	26.331	
8,800.00	7,155.67	6,950.00	6,777.97	59.91	24.94	-33.10	137.69	-1,540.91	1,074.49	1,037.15	37.34	28.779	
8,900.00	7,155.97	6,927.95	6,757.52	62.71	24.92	-31.78	137.19	-1,549.13	1,165.43	1,128.21	37.22	31.310	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	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	-107.88	-58.29	-180.71	189.88				
100.00	100.00	103.00	103.00	3.28	3.28	-107.88	-58.29	-180.71	189.88	182.35	7.53	25.224	
200.00	200.00	203.00	203.00	3.30	3.30	-107.88	-58.29	-180.71	189.88	182.31	7.57	25.084	
267.00	267.00	268.79	268.79	3.33	3.33	-46.96	-58.30	-180.77	189.67	182.05	7.62	24.886	CC, ES
300.00	300.00	299.78	299.77	3.35	3.34	-46.94	-58.33	-181.14	190.03	182.38	7.65	24.834	
400.00	399.93	393.66	393.60	3.41	3.40	-47.44	-58.64	-184.29	190.95	183.19	7.76	24.597	
500.00	499.68	487.47	487.20	3.50	3.48	-48.43	-59.23	-190.50	192.74	184.83	7.91	24.370	
600.00	599.13	581.16	580.42	3.61	3.58	-49.88	-60.12	-199.74	195.51	187.42	8.09	24.163	
700.00	698.43	674.68	673.12	3.75	3.71	-51.37	-61.30	-211.98	200.66	192.35	8.31	24.134	
800.00	797.73	767.89	765.08	3.91	3.87	-52.51	-62.77	-227.18	209.04	200.46	8.58	24.377	
900.00	897.02	860.61	855.99	4.09	4.06	-53.30	-64.50	-245.23	220.54	211.67	8.87	24.861	
1,000.00	996.32	952.63	945.61	4.29	4.30	-53.76	-66.51	-266.05	235.09	225.89	9.20	25.558	
1,100.00	1,095.61	1,049.98	1,039.92	4.50	4.60	-54.03	-68.82	-290.07	251.63	242.02	9.60	26.207	
1,200.00	1,194.91	1,148.59	1,135.43	4.73	4.93	-54.26	-71.17	-314.44	268.21	258.17	10.05	26.701	
1,300.00	1,294.21	1,247.19	1,230.95	4.97	5.29	-54.47	-73.51	-338.82	284.81	274.29	10.52	27.083	
1,400.00	1,393.50	1,345.80	1,326.47	5.22	5.67	-54.65	-75.86	-363.20	301.40	290.39	11.01	27.367	
1,500.00	1,492.80	1,444.41	1,421.99	5.47	6.06	-54.82	-78.21	-387.57	318.00	306.48	11.52	27.600	
1,600.00	1,592.10	1,543.02	1,517.51	5.74	6.47	-54.97	-80.56	-411.95	334.60	322.55	12.05	27.757	
1,700.00	1,691.39	1,641.63	1,613.03	6.01	6.89	-55.10	-82.90	-436.33	351.20	338.60	12.60	27.869	
1,800.00	1,790.69	1,740.24	1,708.55	6.15	7.24	-55.22	-85.25	-460.70	367.81	355.04	12.77	28.805	
1,900.00	1,889.99	1,838.85	1,804.07	6.18	7.41	-55.34	-87.60	-485.08	384.41	371.68	12.73	30.194	
2,000.00	1,989.28	1,937.46	1,899.59	6.23	7.50	-55.44	-89.94	-509.46	401.02	388.21	12.81	31.302	
2,100.00	2,088.58	2,036.07	1,995.11	6.29	7.61	-55.53	-92.29	-533.84	417.63	404.70	12.93	32.306	
2,200.00	2,187.88	2,134.68	2,090.63	6.37	7.75	-55.62	-94.64	-558.21	434.23	421.16	13.08	33.202	
2,300.00	2,287.17	2,233.28	2,186.15	6.46	7.92	-55.70	-96.99	-582.59	450.84	437.58	13.26	33.990	
2,400.00	2,386.47	2,331.89	2,281.67	6.57	8.12	-55.78	-99.33	-606.97	467.46	453.97	13.48	34.672	
2,500.00	2,485.77	2,430.50	2,377.19	6.70	8.35	-55.85	-101.68	-631.34	484.07	470.33	13.73	35.252	
2,600.00	2,585.06	2,529.11	2,472.71	6.84	8.59	-55.91	-104.03	-655.72	500.68	486.67	14.01	35.736	
2,700.00	2,684.36	2,627.72	2,568.23	6.99	8.86	-55.97	-106.37	-680.10	517.29	502.97	14.32	36.131	
2,800.00	2,783.66	2,726.33	2,663.75	7.15	9.14	-56.03	-108.72	-704.47	533.90	519.25	14.65	36.445	
2,900.00	2,882.95	2,824.94	2,759.27	7.32	9.45	-56.08	-111.07	-728.85	550.52	535.51	15.01	36.687	
3,000.00	2,982.25	2,923.55	2,854.79	7.51	9.76	-56.13	-113.41	-753.23	567.13	551.75	15.38	36.863	
3,100.00	3,081.55	3,022.16	2,950.31	7.70	10.10	-56.18	-115.76	-777.61	583.75	567.96	15.78	36.983	
3,200.00	3,180.84	3,120.77	3,045.83	7.90	10.44	-56.23	-118.11	-801.98	600.36	584.16	16.20	37.052	
3,300.00	3,280.14	3,219.37	3,141.35	8.11	10.80	-56.27	-120.46	-826.36	616.98	600.34	16.64	37.079	
3,400.00	3,379.44	3,317.98	3,236.87	8.33	11.17	-56.31	-122.80	-850.74	633.59	616.50	17.09	37.069	
3,500.00	3,478.73	3,416.59	3,332.39	8.55	11.54	-56.35	-125.15	-875.11	650.21	632.65	17.56	37.028	
3,600.00	3,578.03	3,515.20	3,427.90	8.79	11.93	-56.38	-127.50	-899.49	666.82	648.78	18.04	36.961	
3,700.00	3,677.33	3,613.81	3,523.42	9.02	12.32	-56.42	-129.84	-923.87	683.44	664.90	18.54	36.873	
3,800.00	3,776.62	3,712.42	3,618.94	9.26	12.72	-56.45	-132.19	-948.24	700.06	681.02	19.04	36.766	
3,900.00	3,875.92	3,811.03	3,714.46	9.51	13.13	-56.48	-134.54	-972.62	716.67	697.12	19.56	36.645	
4,000.00	3,975.21	3,909.64	3,809.98	9.77	13.54	-56.51	-136.89	-997.00	733.29	713.21	20.08	36.512	
4,100.00	4,074.51	4,008.25	3,905.50	10.02	13.96	-56.54	-139.23	-1,021.38	749.91	729.29	20.62	36.369	
4,200.00	4,173.81	4,106.86	4,001.02	10.28	14.38	-56.57	-141.58	-1,045.75	766.52	745.36	21.16	36.220	
4,300.00	4,273.10	4,205.47	4,096.54	10.55	14.81	-56.60	-143.93	-1,070.13	783.14	761.43	21.71	36.065	
4,400.00	4,372.40	4,304.07	4,192.06	10.82	15.24	-56.62	-146.27	-1,094.51	799.76	777.49	22.27	35.906	
4,500.00	4,471.70	4,402.68	4,287.58	11.09	15.67	-56.65	-148.62	-1,118.88	816.38	793.54	22.84	35.745	
4,600.00	4,570.99	4,501.29	4,383.10	11.36	16.11	-56.67	-150.97	-1,143.26	833.00	809.58	23.41	35.582	
4,700.00	4,670.29	4,600.10	4,478.62	11.64	16.55	-56.69	-153.31	-1,167.64	849.61	825.62	23.99	35.417	
4,800.00	4,769.59	4,701.49	4,574.14	11.92	17.01	-56.71	-155.66	-1,192.01	866.23	841.65	24.58	35.241	
4,900.00	4,868.88	4,802.88	4,669.66	12.20	17.47	-56.73	-158.01	-1,216.39	882.85	857.67	25.18	35.065	
5,000.00	4,968.18	4,895.73	4,765.18	12.48	17.89	-56.75	-160.36	-1,240.77	899.47	873.72	25.75	34.930	
5,100.00	5,067.48	5,005.66	4,860.70	12.77	18.40	-56.77	-162.70	-1,265.15	916.09	889.70	26.38	34.720	
5,200.00	5,166.77	5,092.95	4,956.22	13.06	18.80	-56.79	-165.05	-1,289.52	932.71	905.76	26.95	34.611	
5,300.00	5,266.07	5,191.56	5,051.74	13.35	19.25	-56.81	-167.40	-1,313.90	949.32	921.77	27.55	34.455	
5,400.00	5,365.37	5,309.84	5,147.26	13.64	19.80	-56.83	-169.74	-1,338.28	965.94	937.72	28.23	34.222	
5,500.00	5,464.66	5,388.77	5,242.78	13.93	20.17	-56.84	-172.09	-1,362.65	982.56	953.79	28.77	34.151	
5,600.00	5,563.96	5,487.38	5,338.30	14.23	20.63	-56.86	-174.44	-1,387.03	999.18	969.80	29.39	34.002	
5,700.00	5,663.26	5,585.99	5,433.82	14.52	21.09	-56.88	-176.79	-1,411.41	1,015.80	985.80	30.00	33.857	
5,800.00	5,762.55	5,684.60	5,529.34	14.82	21.56	-56.89	-179.13	-1,435.78	1,032.42	1,001.80	30.62	33.714	
5,900.00	5,861.85	5,783.21	5,624.85	15.12	22.02	-56.90	-181.48	-1,460.16	1,049.04	1,017.79	31.24	33.575	
6,000.00	5,961.15	5,739.18	6,854.63	15.42	37.04	-126.08	-207.14	-596.87	1,035.15	998.72	36.43	28.415	
6,100.00	6,060.44	5,731.16	6,854.44	15.72	36.87	-125.30	-207.17	-604.89	954.09	916.06	38.03	25.087	
6,200.00	6,159.74	5,723.14	6,854.25	16.02	36.69	-124.51	-207.19	-612.91	876.88	836.99	39.89	21.982	
6,300.00	6,259.04	5,715.12	6,854.07	16.33	36.52	-123.73	-207.22	-620.93	804.62	762.60	42.02	19.147	
6,400.00	6,358.33	5,707.10	6,853.88	16.63	36.35	-122.94	-207.25	-628.95	738.77	694.36	44.41	16.634	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
6,500.00	6,457.63	7,700.93	6,853.69	16.94	36.22	-122.15	-207.27	-636.96	681.19	634.18	47.01	14.490	
6,600.00	6,556.93	7,708.95	6,853.51	17.24	36.39	-121.36	-207.30	-644.98	634.14	584.26	49.88	12.713	
6,700.00	6,655.60	7,678.68	6,853.22	17.58	35.77	-107.85	-207.34	-657.35	600.22	548.48	51.74	11.601	
6,800.00	6,750.90	7,651.44	6,852.58	18.03	35.21	-101.02	-207.43	-684.58	581.69	528.66	53.04	10.968	
6,872.48	6,816.49	7,622.46	6,851.91	18.46	34.63	-96.78	-207.53	-713.56	577.91	524.59	53.32	10.839 SF	
6,900.00	6,840.42	7,609.51	6,851.61	18.62	34.37	-95.09	-207.57	-726.51	578.42	525.16	53.26	10.860	
7,000.00	6,921.96	7,553.90	6,850.31	19.38	33.31	-88.40	-207.76	-782.10	587.72	535.10	52.63	11.168	
7,100.00	6,993.53	7,486.00	6,848.73	20.35	32.06	-81.26	-207.98	-849.98	605.27	553.77	51.50	11.753	
7,200.00	7,053.34	7,407.47	6,846.90	21.56	30.72	-74.48	-208.24	-928.49	626.28	575.94	50.34	12.440	
7,300.00	7,099.94	7,333.73	6,844.22	23.05	29.58	-69.22	-208.46	-1,002.17	646.95	597.34	49.61	13.042	
7,400.00	7,132.16	7,270.57	6,836.17	24.79	28.67	-65.12	-208.52	-1,064.79	667.08	617.82	49.26	13.541	
7,500.00	7,149.23	7,208.53	6,822.26	26.74	27.85	-61.69	-208.42	-1,125.22	685.81	636.62	49.19	13.943	
7,600.00	7,152.13	7,150.00	6,803.80	28.83	27.15	-59.44	-208.20	-1,180.74	702.97	653.61	49.36	14.242	
7,700.00	7,152.42	7,090.61	6,779.95	31.05	26.55	-57.72	-207.85	-1,235.11	724.60	675.10	49.50	14.639	
7,800.00	7,152.72	7,038.22	6,754.79	33.39	26.10	-55.98	-207.43	-1,281.04	752.43	702.86	49.57	15.180	
7,900.00	7,153.01	6,990.58	6,728.69	35.82	25.74	-54.24	-206.97	-1,320.88	786.57	737.04	49.53	15.880	
8,000.00	7,153.31	6,950.00	6,704.17	38.33	25.48	-52.68	-206.52	-1,353.20	826.97	777.56	49.41	16.737	
8,100.00	7,153.61	6,900.00	6,671.20	40.90	25.23	-50.66	-205.89	-1,390.77	873.42	824.30	49.12	17.780	
8,200.00	7,153.90	6,873.98	6,652.91	43.52	25.12	-49.59	-205.53	-1,409.27	925.29	876.39	48.90	18.923	
8,300.00	7,154.20	6,850.00	6,635.39	46.18	25.02	-48.60	-205.18	-1,425.64	982.42	933.81	48.61	20.211	
8,400.00	7,154.49	6,814.61	6,608.44	48.87	24.91	-47.12	-204.63	-1,448.57	1,044.02	995.78	48.24	21.643	
8,500.00	7,154.79	6,800.00	6,596.96	51.60	24.87	-46.51	-204.40	-1,457.59	1,109.91	1,061.97	47.94	23.152	
8,600.00	7,155.08	6,766.45	6,569.81	54.35	24.79	-45.12	-203.83	-1,477.30	1,179.14	1,131.57	47.57	24.789	

Offset Design5N-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	-101.97	-38.25	-180.43	184.44					
100.00	100.00	103.00	103.00	3.28	3.28	-101.97	-38.25	-180.43	184.44	176.91	7.53	24.502		
200.00	200.00	203.00	203.00	3.30	3.30	-101.97	-38.25	-180.43	184.44	176.87	7.57	24.366		
260.30	260.30	262.51	262.51	3.33	3.33	-41.03	-38.26	-180.46	184.23	176.61	7.62	24.190	CC, ES	
300.00	300.00	299.85	299.84	3.35	3.34	-41.03	-38.26	-180.86	184.56	176.91	7.65	24.120		
400.00	399.93	393.87	393.81	3.41	3.40	-41.50	-38.34	-184.04	185.26	177.49	7.76	23.863		
500.00	499.68	487.84	487.56	3.50	3.48	-42.44	-38.48	-190.29	186.59	178.68	7.91	23.591		
600.00	599.13	581.70	580.96	3.61	3.58	-43.83	-38.69	-199.60	188.66	180.57	8.09	23.317		
700.00	698.43	675.44	673.88	3.75	3.71	-45.25	-38.97	-211.95	193.02	184.70	8.31	23.222		
800.00	797.73	768.90	766.07	3.91	3.87	-46.36	-39.32	-227.28	200.62	192.05	8.57	23.411		
900.00	897.02	861.88	857.24	4.09	4.07	-47.14	-39.73	-245.51	211.40	202.53	8.86	23.855		
1,000.00	996.32	954.51	947.43	4.29	4.30	-47.61	-40.21	-266.59	225.26	216.07	9.19	24.520		
1,100.00	1,095.61	1,053.33	1,043.31	4.50	4.60	-47.94	-40.75	-290.49	240.52	230.92	9.60	25.066		
1,200.00	1,194.91	1,152.15	1,139.20	4.73	4.93	-48.23	-41.29	-314.39	255.78	245.75	10.03	25.493		
1,300.00	1,294.21	1,250.97	1,235.08	4.97	5.28	-48.49	-41.84	-338.29	271.05	260.55	10.50	25.819		
1,400.00	1,393.50	1,349.79	1,330.97	5.22	5.65	-48.72	-42.38	-362.19	286.33	275.34	10.99	26.056		
1,500.00	1,492.80	1,448.61	1,426.85	5.47	6.04	-48.93	-42.92	-386.10	301.61	290.12	11.49	26.249		
1,600.00	1,592.10	1,547.43	1,522.74	5.74	6.44	-49.12	-43.46	-410.00	316.89	304.87	12.02	26.373		
1,700.00	1,691.39	1,646.25	1,618.62	6.01	6.85	-49.29	-44.00	-433.90	332.18	319.62	12.55	26.458		
1,800.00	1,790.69	1,745.07	1,714.51	6.15	7.18	-49.45	-44.55	-457.80	347.46	334.76	12.71	27.341		
1,900.00	1,889.99	1,843.89	1,810.39	6.18	7.34	-49.59	-45.09	-481.70	362.75	350.09	12.66	28.652		
2,000.00	1,989.28	1,942.71	1,906.28	6.23	7.43	-49.72	-45.63	-505.60	378.05	365.31	12.74	29.678		
2,100.00	2,088.58	2,041.53	2,002.16	6.29	7.54	-49.84	-46.17	-529.50	393.34	380.49	12.85	30.607		
2,200.00	2,187.88	2,140.35	2,098.05	6.37	7.68	-49.96	-46.72	-553.40	408.64	395.64	13.00	31.436		
2,300.00	2,287.17	2,239.17	2,193.93	6.46	7.85	-50.06	-47.26	-577.30	423.94	410.76	13.18	32.165		
2,400.00	2,386.47	2,337.99	2,289.81	6.57	8.04	-50.16	-47.80	-601.20	439.23	425.84	13.39	32.795		
2,500.00	2,485.77	2,436.81	2,385.70	6.70	8.26	-50.25	-48.34	-625.10	454.53	440.90	13.64	33.330		
2,600.00	2,585.06	2,535.63	2,481.58	6.84	8.50	-50.33	-48.88	-649.00	469.83	455.92	13.91	33.777		
2,700.00	2,684.36	2,634.45	2,577.47	6.99	8.76	-50.41	-49.43	-672.90	485.14	470.93	14.21	34.140		
2,800.00	2,783.66	2,733.27	2,673.35	7.15	9.04	-50.49	-49.97	-696.80	500.44	485.90	14.54	34.428		
2,900.00	2,882.95	2,832.09	2,769.24	7.32	9.33	-50.55	-50.51	-720.70	515.74	500.86	14.89	34.648		
3,000.00	2,982.25	2,930.91	2,865.12	7.51	9.64	-50.62	-51.05	-744.60	531.05	515.79	15.26	34.808		
3,100.00	3,081.55	3,029.73	2,961.01	7.70	9.96	-50.68	-51.60	-768.51	546.35	530.70	15.65	34.914		
3,200.00	3,180.84	3,128.55	3,056.89	7.90	10.30	-50.74	-52.14	-792.41	561.66	545.60	16.06	34.974		
3,300.00	3,280.14	3,227.37	3,152.78	8.11	10.65	-50.80	-52.68	-816.31	576.96	560.48	16.49	34.993		
3,400.00	3,379.44	3,326.19	3,248.66	8.33	11.01	-50.85	-53.22	-840.21	592.27	575.34	16.93	34.979		
3,500.00	3,478.73	3,425.01	3,344.55	8.55	11.38	-50.90	-53.76	-864.11	607.58	590.18	17.39	34.935		
3,600.00	3,578.03	3,523.83	3,440.43	8.79	11.75	-50.95	-54.31	-888.01	622.88	605.02	17.86	34.866		
3,700.00	3,677.33	3,622.65	3,536.32	9.02	12.14	-50.99	-54.85	-911.91	638.19	619.84	18.35	34.778		
3,800.00	3,776.62	3,721.47	3,632.20	9.26	12.53	-51.04	-55.39	-935.81	653.50	634.65	18.85	34.672		
3,900.00	3,875.92	3,820.29	3,728.09	9.51	12.92	-51.08	-55.93	-959.71	668.81	649.45	19.36	34.553		
4,000.00	3,975.21	3,919.11	3,823.97	9.77	13.33	-51.12	-56.48	-983.61	684.12	664.24	19.87	34.423		
4,100.00	4,074.51	4,017.93	3,919.86	10.02	13.73	-51.15	-57.02	-1,007.51	699.43	679.03	20.40	34.285		
4,200.00	4,173.81	4,116.75	4,015.74	10.28	14.15	-51.19	-57.56	-1,031.41	714.74	693.80	20.94	34.139		
4,300.00	4,273.10	4,215.57	4,111.63	10.55	14.56	-51.23	-58.10	-1,055.31	730.05	708.57	21.48	33.989		
4,400.00	4,372.40	4,314.39	4,207.51	10.82	14.98	-51.26	-58.64	-1,079.21	745.36	723.33	22.03	33.835		
4,500.00	4,471.70	4,413.21	4,303.40	11.09	15.41	-51.29	-59.19	-1,103.11	760.67	738.08	22.59	33.679		
4,600.00	4,570.99	4,512.03	4,399.28	11.36	15.84	-51.32	-59.73	-1,127.01	775.98	752.83	23.15	33.521		
4,700.00	4,670.29	4,610.85	4,495.17	11.64	16.27	-51.35	-60.27	-1,150.92	791.29	767.57	23.72	33.362		
4,800.00	4,769.59	4,709.67	4,591.05	11.92	16.70	-51.38	-60.81	-1,174.82	806.60	782.31	24.29	33.205		
4,900.00	4,868.88	4,808.49	4,686.94	12.20	17.14	-51.41	-61.36	-1,198.72	821.91	797.04	24.87	33.047		
5,000.00	4,968.18	4,907.31	4,782.82	12.48	17.58	-51.43	-61.90	-1,222.62	837.22	811.76	25.45	32.891		
5,100.00	5,067.48	5,006.13	4,878.70	12.77	18.02	-51.46	-62.44	-1,246.52	852.53	826.49	26.04	32.736		
5,200.00	5,166.77	5,104.95	4,974.59	13.06	18.46	-51.48	-62.98	-1,270.42	867.84	841.21	26.63	32.584		
5,300.00	5,266.07	5,203.77	5,070.47	13.35	18.91	-51.50	-63.52	-1,294.32	883.15	855.92	27.23	32.433		
5,400.00	5,365.37	5,302.59	5,166.36	13.64	19.36	-51.53	-64.07	-1,318.22	898.47	870.64	27.83	32.285		
5,500.00	5,464.66	5,401.41	5,262.24	13.93	19.81	-51.55	-64.61	-1,342.12	913.78	885.35	28.43	32.140		
5,600.00	5,563.96	5,500.23	5,358.13	14.23	20.26	-51.57	-65.15	-1,366.02	929.09	900.05	29.04	31.997		
5,700.00	5,663.26	5,600.95	5,454.01	14.52	20.72	-51.59	-65.69	-1,389.92	944.40	914.75	29.65	31.850		
5,800.00	5,762.55	5,702.12	5,549.90	14.82	21.18	-51.61	-66.24	-1,413.82	959.71	929.44	30.27	31.704		
5,900.00	5,861.85	5,803.30	5,645.78	15.12	21.65	-51.63	-66.78	-1,437.72	975.03	944.13	30.89	31.562		
6,000.00	5,961.15	5,904.48	5,741.67	15.42	22.12	-51.65	-67.32	-1,461.62	990.34	958.82	31.52	31.423		
6,100.00	6,060.44	7,854.61	6,983.73	15.72	36.91	-128.24	-75.76	-608.55	1,004.39	970.38	34.01	29.533		
6,200.00	6,159.74	7,846.38	6,983.55	16.02	36.73	-127.23	-75.75	-616.78	916.61	881.29	35.32	25.954		
6,300.00	6,259.04	7,838.15	6,983.38	16.33	36.56	-126.22	-75.74	-625.00	831.50	794.60	36.90	22.533		
6,400.00	6,358.33	7,829.93	6,983.20	16.63	36.39	-125.20	-75.73	-633.23	749.99	711.16	38.83	19.314		

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										
6,500.00	6,457.63	7,821.70	6,983.02	16.94	36.21	-124.17	-75.72	-641.45	673.38	632.21	41.17	16.358										
6,600.00	6,556.93	7,813.47	6,982.85	17.24	36.04	-123.14	-75.71	-649.68	603.54	559.61	43.93	13.739										
6,700.00	6,655.60	7,800.90	6,982.58	17.58	35.77	-111.88	-75.69	-662.25	543.35	496.38	46.97	11.568										
6,800.00	6,750.90	7,773.46	6,981.99	18.03	35.23	-107.38	-75.65	-689.68	496.95	447.14	49.81	9.977										
6,900.00	6,840.42	7,731.33	6,981.08	18.62	34.40	-103.00	-75.60	-731.80	467.14	415.26	51.88	9.004										
7,000.00	6,921.96	7,675.56	6,979.88	19.38	33.33	-97.09	-75.52	-787.56	454.05	401.24	52.82	8.597										
7,042.32	6,953.57	7,648.17	6,979.29	19.79	32.83	-94.17	-75.48	-814.94	452.92	400.02	52.91	8.561 SF										
7,100.00	6,993.53	7,607.51	6,978.42	20.35	32.08	-89.97	-75.43	-855.60	454.73	402.05	52.69	8.631										
7,200.00	7,053.34	7,528.85	6,976.73	21.56	30.78	-82.62	-75.32	-934.23	464.14	412.14	52.00	8.925										
7,300.00	7,099.94	7,450.38	6,973.49	23.05	29.55	-76.40	-75.21	-1,012.62	477.34	426.03	51.31	9.302										
7,400.00	7,132.16	7,378.51	6,962.92	24.79	28.54	-71.12	-75.06	-1,083.67	492.84	442.04	50.80	9.702										
7,500.00	7,149.23	7,308.89	6,945.10	26.74	27.66	-66.52	-74.87	-1,150.93	509.34	458.90	50.44	10.098										
7,600.00	7,152.13	7,241.43	6,920.94	28.83	26.92	-63.08	-74.65	-1,213.88	526.28	476.04	50.25	10.474										
7,700.00	7,152.42	7,179.27	6,892.89	31.05	26.34	-60.33	-74.41	-1,269.33	549.01	499.06	49.95	10.992										
7,800.00	7,152.72	7,123.34	6,863.14	33.39	25.91	-57.57	-74.18	-1,316.66	579.31	529.86	49.45	11.714										
7,900.00	7,153.01	7,073.50	6,833.21	35.82	25.60	-54.95	-73.95	-1,356.51	617.33	568.53	48.80	12.651										
8,000.00	7,153.31	7,029.31	6,804.15	38.33	25.37	-52.56	-73.74	-1,389.78	662.81	614.77	48.04	13.796										
8,100.00	7,153.61	6,990.23	6,776.57	40.90	25.19	-50.42	-73.54	-1,417.46	715.18	667.92	47.26	15.134										
8,200.00	7,153.90	6,950.00	6,746.47	43.52	25.05	-48.22	-73.33	-1,444.14	773.74	727.28	46.46	16.654										
8,300.00	7,154.20	6,925.05	6,726.97	46.18	24.98	-46.88	-73.19	-1,459.70	837.57	791.79	45.78	18.295										
8,400.00	7,154.49	6,900.00	6,706.80	48.87	24.91	-45.55	-73.06	-1,474.55	906.07	860.92	45.15	20.068										
8,500.00	7,154.79	6,873.64	6,684.97	51.60	24.86	-44.17	-72.91	-1,489.31	978.48	933.90	44.58	21.950										
8,600.00	7,155.08	6,850.00	6,664.87	54.35	24.81	-42.96	-72.77	-1,501.77	1,054.25	1,010.17	44.08	23.917										
8,700.00	7,155.38	6,832.56	6,649.76	57.12	24.79	-42.08	-72.67	-1,510.47	1,132.84	1,089.17	43.67	25.943										

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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	3.00	3.28	3.28	-89.54	1.45	-180.15	180.15					
100.00	100.00	103.00	103.00	3.28	3.28	-89.54	1.45	-180.15	180.15	172.63	7.53	23.933		
200.00	200.00	203.00	203.00	3.30	3.30	-89.54	1.45	-180.15	180.15	172.59	7.57	23.800		
300.00	300.00	299.95	299.95	3.35	3.34	-28.57	1.56	-180.57	180.22	172.57	7.65	23.551		
400.00	399.93	394.19	394.12	3.41	3.40	-28.82	2.34	-183.67	180.45	172.68	7.77	23.237		
500.00	499.68	488.41	488.14	3.50	3.48	-29.34	3.89	-189.76	180.82	172.90	7.91	22.851		
600.00	599.13	582.62	581.88	3.61	3.59	-30.11	6.19	-198.85	181.37	173.27	8.09	22.405		
700.00	698.43	676.79	675.21	3.75	3.71	-30.83	9.24	-210.91	183.90	175.59	8.31	22.122		
800.00	797.73	770.75	767.88	3.91	3.88	-31.26	13.03	-225.91	189.61	181.04	8.57	22.134		
900.00	897.02	864.29	859.59	4.09	4.07	-31.40	17.55	-243.75	198.44	189.59	8.85	22.416		
1,000.00	996.32	957.23	950.07	4.29	4.31	-31.28	22.76	-264.35	210.38	201.21	9.17	22.947		
1,100.00	1,095.61	1,055.73	1,045.52	4.50	4.61	-31.04	28.73	-287.93	224.11	214.55	9.56	23.433		
1,200.00	1,194.91	1,154.78	1,141.50	4.73	4.94	-30.82	34.73	-311.64	237.85	227.86	9.99	23.803		
1,300.00	1,294.21	1,253.82	1,237.47	4.97	5.29	-30.63	40.73	-335.36	251.60	241.15	10.45	24.084		
1,400.00	1,393.50	1,352.87	1,333.45	5.22	5.66	-30.45	46.73	-359.08	265.34	254.42	10.93	24.285		
1,500.00	1,492.80	1,451.92	1,429.43	5.47	6.05	-30.30	52.73	-382.79	279.09	267.68	11.41	24.455		
1,600.00	1,592.10	1,550.97	1,525.41	5.74	6.46	-30.15	58.73	-406.51	292.85	280.92	11.92	24.559		
1,700.00	1,691.39	1,650.01	1,621.39	6.01	6.87	-30.03	64.74	-430.23	306.60	294.15	12.45	24.630		
1,800.00	1,790.69	1,749.06	1,717.37	6.15	7.20	-29.91	70.74	-453.94	320.35	307.77	12.58	25.460		
1,900.00	1,889.99	1,848.11	1,813.35	6.18	7.36	-29.80	76.74	-477.66	334.11	321.59	12.52	26.690		
2,000.00	1,989.28	1,947.16	1,909.32	6.23	7.44	-29.70	82.74	-501.38	347.87	335.28	12.58	27.643		
2,100.00	2,088.58	2,046.20	2,005.30	6.29	7.56	-29.61	88.74	-525.10	361.62	348.94	12.68	28.508		
2,200.00	2,187.88	2,145.25	2,101.28	6.37	7.70	-29.52	94.74	-548.81	375.38	362.56	12.82	29.283		
2,300.00	2,287.17	2,244.30	2,197.26	6.46	7.87	-29.44	100.74	-572.53	389.14	376.16	12.99	29.966		
2,400.00	2,386.47	2,343.35	2,293.24	6.57	8.07	-29.37	106.75	-596.25	402.90	389.72	13.18	30.559		
2,500.00	2,485.77	2,442.39	2,389.22	6.70	8.29	-29.30	112.75	-619.96	416.66	403.25	13.41	31.066		
2,600.00	2,585.06	2,541.44	2,485.20	6.84	8.54	-29.23	118.75	-643.68	430.43	416.76	13.67	31.491		
2,700.00	2,684.36	2,640.49	2,581.17	6.99	8.80	-29.17	124.75	-667.40	444.19	430.24	13.95	31.839		
2,800.00	2,783.66	2,739.54	2,677.15	7.15	9.09	-29.11	130.75	-691.12	457.95	443.69	14.26	32.118		
2,900.00	2,882.95	2,838.58	2,773.13	7.32	9.39	-29.06	136.75	-714.83	471.71	457.12	14.59	32.334		
3,000.00	2,982.25	2,937.63	2,869.11	7.51	9.70	-29.01	142.76	-738.55	485.48	470.53	14.94	32.493		
3,100.00	3,081.55	3,036.68	2,965.09	7.70	10.03	-28.96	148.76	-762.27	499.24	483.93	15.31	32.602		
3,200.00	3,180.84	3,135.73	3,061.07	7.90	10.37	-28.92	154.76	-785.98	513.00	497.30	15.70	32.667		
3,300.00	3,280.14	3,234.77	3,157.05	8.11	10.72	-28.87	160.76	-809.70	526.77	510.65	16.11	32.694		
3,400.00	3,379.44	3,333.82	3,253.02	8.33	11.09	-28.83	166.76	-833.42	540.53	524.00	16.54	32.689		
3,500.00	3,478.73	3,432.87	3,349.00	8.55	11.46	-28.79	172.76	-857.14	554.30	537.32	16.97	32.656		
3,600.00	3,578.03	3,531.92	3,444.98	8.79	11.84	-28.76	178.76	-880.85	568.06	550.63	17.43	32.599		
3,700.00	3,677.33	3,630.96	3,540.96	9.02	12.23	-28.72	184.77	-904.57	581.83	563.94	17.89	32.523		
3,800.00	3,776.62	3,730.01	3,636.94	9.26	12.62	-28.69	190.77	-928.29	595.59	577.23	18.37	32.430		
3,900.00	3,875.92	3,829.06	3,732.92	9.51	13.03	-28.66	196.77	-952.00	609.36	590.50	18.85	32.324		
4,000.00	3,975.21	3,928.11	3,828.90	9.77	13.43	-28.63	202.77	-975.72	623.12	603.77	19.35	32.208		
4,100.00	4,074.51	4,027.15	3,924.87	10.02	13.85	-28.60	208.77	-999.44	636.89	617.04	19.85	32.082		
4,200.00	4,173.81	4,126.20	4,020.85	10.28	14.26	-28.57	214.77	-1,023.15	650.65	630.29	20.36	31.950		
4,300.00	4,273.10	4,225.25	4,116.83	10.55	14.69	-28.54	220.78	-1,046.87	664.42	643.53	20.89	31.813		
4,400.00	4,372.40	4,324.30	4,212.81	10.82	15.11	-28.52	226.78	-1,070.59	678.19	656.77	21.41	31.672		
4,500.00	4,471.70	4,423.34	4,308.79	11.09	15.54	-28.49	232.78	-1,094.31	691.95	670.01	21.95	31.528		
4,600.00	4,570.99	4,522.39	4,404.77	11.36	15.97	-28.47	238.78	-1,118.02	705.72	683.23	22.49	31.383		
4,700.00	4,670.29	4,621.44	4,500.75	11.64	16.41	-28.44	244.78	-1,141.74	719.49	696.45	23.03	31.237		
4,800.00	4,769.59	4,720.49	4,596.72	11.92	16.85	-28.42	250.78	-1,165.46	733.25	709.67	23.58	31.091		
4,900.00	4,868.88	4,819.53	4,692.70	12.20	17.29	-28.40	256.78	-1,189.17	747.02	722.88	24.14	30.945		
5,000.00	4,968.18	4,918.58	4,788.68	12.48	17.73	-28.38	262.79	-1,212.89	760.79	736.09	24.70	30.800		
5,100.00	5,067.48	5,017.63	4,884.66	12.77	18.18	-28.36	268.79	-1,236.61	774.55	749.29	25.27	30.656		
5,200.00	5,166.77	5,116.68	4,980.64	13.06	18.63	-28.34	274.79	-1,260.33	788.32	762.49	25.83	30.514		
5,300.00	5,266.07	5,215.72	5,076.62	13.35	19.08	-28.32	280.79	-1,284.04	802.09	775.68	26.41	30.374		
5,400.00	5,365.37	5,314.77	5,172.60	13.64	19.53	-28.31	286.79	-1,307.76	815.85	788.87	26.98	30.236		
5,500.00	5,464.66	5,413.82	5,268.57	13.93	19.98	-28.29	292.79	-1,331.48	829.62	802.06	27.56	30.100		
5,600.00	5,563.96	5,512.86	5,364.55	14.23	20.44	-28.27	298.79	-1,355.19	843.39	815.25	28.14	29.967		
5,700.00	5,663.26	5,611.91	5,460.53	14.52	20.89	-28.26	304.80	-1,378.91	857.16	828.43	28.73	29.836		
5,800.00	5,762.55	5,710.96	5,556.51	14.82	21.35	-28.24	310.80	-1,402.63	870.92	841.61	29.32	29.707		
5,900.00	5,861.85	5,810.01	5,652.49	15.12	21.81	-28.23	316.80	-1,426.34	884.69	854.79	29.91	29.582		
6,000.00	5,961.15	5,909.05	5,748.47	15.42	22.27	-28.21	322.80	-1,450.06	898.46	867.96	30.50	29.458		
6,100.00	6,060.44	6,008.10	5,844.45	15.72	22.73	-28.20	328.80	-1,473.78	912.23	881.13	31.09	29.337		
6,200.00	6,159.74	6,106.26	7,058.47	16.02	37.24	162.52	368.00	-616.33	896.64	867.78	28.86	31.069		
6,300.00	6,259.04	7,927.82	7,058.29	16.33	37.06	163.73	368.26	-624.76	797.00	767.94	29.06	27.426		
6,400.00	6,358.33	7,919.39	7,058.11	16.63	36.88	165.26	368.51	-633.19	697.38	668.11	29.26	23.830		
6,500.00	6,457.63	7,910.95	7,057.94	16.94	36.70	167.28	368.77	-641.62	597.75	568.28	29.47	20.281		

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	
6,600.00	6,556.93	7,902.51	7,057.76	17.24	36.53	170.05	369.03	-650.05	498.14	468.45	29.69	16.780	
6,700.00	6,655.60	7,889.73	7,057.49	17.58	36.27	175.23	369.42	-662.82	399.07	369.19	29.88	13.356	
6,800.00	6,750.90	7,862.11	7,056.91	18.03	35.72	178.11	370.26	-690.43	303.11	273.12	29.99	10.108	
6,900.00	6,840.42	7,819.82	7,056.02	18.62	34.88	179.80	371.56	-732.69	212.65	182.64	30.01	7.085	
7,000.00	6,921.96	7,763.90	7,054.84	19.38	33.82	-178.51	373.26	-788.56	129.92	99.92	30.00	4.330	
7,100.00	6,993.53	7,695.74	7,053.41	20.35	32.57	-175.03	375.35	-856.68	57.01	26.87	30.14	1.892	
7,191.76	7,048.89	7,623.85	7,051.90	21.46	31.38	-90.12	377.54	-928.52	4.18	-48.99	53.18	0.079	Level 1, CC, ES, SF
7,200.00	7,053.34	7,617.01	7,051.76	21.56	31.27	-47.61	377.75	-935.36	6.21	-34.96	41.17	0.151	Level 1
7,300.00	7,099.94	7,533.67	7,048.26	23.05	29.99	-4.53	380.20	-1,018.56	55.05	25.93	29.12	1.890	
7,400.00	7,132.16	7,454.94	7,035.98	24.79	28.90	-2.04	381.99	-1,096.26	101.64	73.04	28.60	3.554	
7,500.00	7,149.23	7,379.52	7,015.32	26.74	27.98	-1.16	383.16	-1,168.74	145.07	116.59	28.48	5.093	
7,600.00	7,152.13	7,307.12	6,987.58	28.83	27.23	-0.71	383.77	-1,235.57	186.10	157.41	28.70	6.485	
7,700.00	7,152.42	7,241.28	6,955.91	31.05	26.67	-0.46	383.86	-1,293.26	234.53	205.35	29.18	8.037	
7,800.00	7,152.72	7,182.90	6,923.00	33.39	26.27	-0.39	383.59	-1,341.45	291.24	261.45	29.79	9.778	
7,900.00	7,153.01	7,131.61	6,890.55	35.82	25.99	-0.40	383.08	-1,381.15	354.80	324.37	30.43	11.660	
8,000.00	7,153.31	7,086.75	6,859.64	38.33	25.79	-0.45	382.42	-1,413.64	423.99	392.93	31.06	13.652	
8,100.00	7,153.61	7,050.00	6,832.66	40.90	25.65	-0.51	381.73	-1,438.58	497.79	466.12	31.68	15.715	
8,200.00	7,153.90	7,013.24	6,804.29	43.52	25.54	-0.58	380.92	-1,461.93	575.33	543.16	32.17	17.882	
8,300.00	7,154.20	6,983.14	6,780.08	46.18	25.47	-0.64	380.16	-1,479.80	655.97	623.32	32.65	20.091	
8,400.00	7,154.49	6,950.00	6,752.50	48.87	25.39	-0.71	379.24	-1,498.13	739.22	706.20	33.02	22.388	
8,500.00	7,154.79	6,933.16	6,738.12	51.60	25.37	-0.75	378.73	-1,506.89	824.44	790.99	33.45	24.646	
8,600.00	7,155.08	6,900.00	6,709.17	54.35	25.32	-0.82	377.66	-1,523.02	911.70	877.99	33.71	27.046	
8,700.00	7,155.38	6,900.00	6,709.17	57.12	25.32	-0.82	377.66	-1,523.02	1,000.08	965.95	34.13	29.302	
8,800.00	7,155.67	6,877.01	6,688.63	59.91	25.29	-0.88	376.86	-1,533.30	1,089.81	1,055.45	34.36	31.714	
8,900.00	7,155.97	6,850.00	6,664.03	62.71	25.26	-0.94	375.87	-1,544.42	1,180.83	1,146.28	34.56	34.170	

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		
0.00	0.00	0.00	0.00	3.28	3.28	0.40	40.07	0.28	40.07					
100.00	100.00	100.00	100.00	3.28	3.28	0.40	40.07	0.28	40.07	32.55	7.53	5.324		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.07	0.28	40.07	32.51	7.57	5.295		
274.05	274.05	273.81	273.80	3.33	3.33	61.90	40.15	0.21	39.92	32.29	7.63	5.234 CC		
300.00	300.00	299.49	299.49	3.35	3.35	61.53	40.39	-0.01	40.18	32.53	7.65	5.250		
400.00	399.93	398.46	398.39	3.41	3.41	62.52	42.93	-2.29	41.07	33.30	7.78	5.282		
500.00	499.68	497.40	497.09	3.50	3.50	64.39	48.01	-6.86	42.88	34.94	7.94	5.399		
600.00	599.13	596.29	595.45	3.61	3.61	66.88	55.61	-13.71	45.68	37.53	8.16	5.601		
700.00	698.43	704.97	693.25	3.75	3.76	67.63	65.71	-22.80	50.28	41.84	8.44	5.960		
800.00	797.73	805.14	791.84	3.91	3.94	66.78	77.31	-33.25	56.13	47.37	8.76	6.406		
900.00	897.02	905.32	890.44	4.09	4.13	66.10	88.92	-43.70	62.00	52.87	9.13	6.791		
1,000.00	996.32	1,005.49	989.04	4.29	4.35	65.53	100.52	-54.15	67.87	58.34	9.53	7.120		
1,100.00	1,095.61	1,105.66	1,087.63	4.50	4.59	65.05	112.13	-64.60	73.75	63.78	9.97	7.400		
1,200.00	1,194.91	1,205.84	1,186.23	4.73	4.84	64.64	123.73	-75.05	79.63	69.20	10.43	7.638		
1,300.00	1,294.21	1,306.01	1,284.82	4.97	5.11	64.29	135.34	-85.50	85.51	74.61	10.91	7.840		
1,400.00	1,393.50	1,393.81	1,383.42	5.22	5.35	63.99	146.94	-95.95	91.40	80.03	11.38	8.034		
1,500.00	1,492.80	1,506.36	1,482.02	5.47	5.68	63.72	158.55	-106.40	97.29	85.37	11.93	8.157		
1,600.00	1,592.10	1,606.54	1,580.61	5.74	5.97	63.48	170.15	-116.85	103.19	90.73	12.46	8.281		
1,700.00	1,691.39	1,706.71	1,679.21	6.01	6.26	63.27	181.76	-127.29	109.08	96.08	13.00	8.393		
1,800.00	1,790.69	1,806.89	1,777.81	6.15	6.42	63.08	193.36	-137.74	114.98	102.08	12.90	8.915		
1,900.00	1,889.99	1,907.06	1,876.40	6.18	6.46	62.91	204.97	-148.19	120.87	107.92	12.95	9.333		
2,000.00	1,989.28	2,007.24	1,975.00	6.23	6.52	62.75	216.57	-158.64	126.77	113.73	13.04	9.721		
2,100.00	2,088.58	2,092.59	2,073.60	6.29	6.59	62.61	228.18	-169.09	132.67	119.52	13.15	10.086		
2,200.00	2,187.88	2,192.41	2,172.19	6.37	6.68	62.48	239.78	-179.54	138.57	125.26	13.31	10.413		
2,300.00	2,287.17	2,307.76	2,270.79	6.46	6.82	62.36	251.39	-189.99	144.47	130.96	13.51	10.694		
2,400.00	2,386.47	2,407.93	2,369.38	6.57	6.95	62.25	262.99	-200.44	150.37	136.64	13.73	10.953		
2,500.00	2,485.77	2,508.11	2,467.98	6.70	7.10	62.15	274.60	-210.89	156.27	142.29	13.98	11.181		
2,600.00	2,585.06	2,591.72	2,566.58	6.84	7.23	62.06	286.20	-221.34	162.17	147.94	14.23	11.399		
2,700.00	2,684.36	2,708.46	2,665.17	6.99	7.44	61.97	297.81	-231.79	168.07	153.52	14.55	11.549		
2,800.00	2,783.66	2,808.63	2,763.77	7.15	7.63	61.89	309.41	-242.24	173.97	159.10	14.88	11.693		
2,900.00	2,882.95	2,908.81	2,862.37	7.32	7.84	61.81	321.02	-252.69	179.88	164.65	15.23	11.814		
3,000.00	2,982.25	3,008.98	2,960.96	7.51	8.05	61.74	332.62	-263.13	185.78	170.18	15.59	11.913		
3,100.00	3,081.55	3,109.16	3,059.56	7.70	8.27	61.67	344.23	-273.58	191.68	175.70	15.98	11.993		
3,200.00	3,180.84	3,209.33	3,158.16	7.90	8.51	61.61	355.83	-284.03	197.58	181.20	16.39	12.056		
3,300.00	3,280.14	3,309.51	3,256.75	8.11	8.75	61.55	367.44	-294.48	203.49	186.68	16.81	12.104		
3,400.00	3,379.44	3,390.32	3,355.35	8.33	8.95	61.49	379.04	-304.93	209.39	192.19	17.21	12.170		
3,500.00	3,478.73	3,509.86	3,453.94	8.55	9.26	61.44	390.65	-315.38	215.30	197.59	17.70	12.162		
3,600.00	3,578.03	3,589.97	3,552.54	8.79	9.47	61.39	402.25	-325.83	221.20	203.08	18.12	12.208		
3,700.00	3,677.33	3,689.80	3,651.14	9.02	9.74	61.34	413.86	-336.28	227.10	208.51	18.59	12.214		
3,800.00	3,776.62	3,789.62	3,749.73	9.26	10.01	61.30	425.46	-346.73	233.01	213.93	19.08	12.212		
3,900.00	3,875.92	3,889.45	3,848.33	9.51	10.29	61.25	437.07	-357.18	238.91	219.34	19.58	12.203		
4,000.00	3,975.21	3,989.27	3,946.93	9.77	10.58	61.21	448.67	-367.63	244.82	224.73	20.08	12.190		
4,100.00	4,074.51	4,089.10	4,045.52	10.02	10.87	61.17	460.28	-378.08	250.72	230.12	20.60	12.171		
4,200.00	4,173.81	4,188.92	4,144.12	10.28	11.16	61.14	471.88	-388.53	256.63	235.50	21.12	12.149		
4,300.00	4,273.10	4,288.75	4,242.72	10.55	11.46	61.10	483.49	-398.97	262.53	240.88	21.65	12.124		
4,400.00	4,372.40	4,388.57	4,341.31	10.82	11.76	61.07	495.09	-409.42	268.44	246.25	22.19	12.097		
4,500.00	4,471.70	4,488.40	4,439.91	11.09	12.06	61.04	506.70	-419.87	274.34	251.61	22.74	12.067		
4,600.00	4,570.99	4,588.22	4,538.50	11.36	12.37	61.01	518.30	-430.32	280.25	256.96	23.29	12.035		
4,700.00	4,670.29	4,688.05	4,637.10	11.64	12.68	60.98	529.91	-440.77	286.15	262.31	23.84	12.002		
4,800.00	4,769.59	4,787.87	4,735.70	11.92	12.99	60.95	541.51	-451.22	292.06	267.66	24.40	11.968		
4,900.00	4,868.88	4,887.70	4,834.29	12.20	13.31	60.92	553.12	-461.67	297.96	272.99	24.97	11.934		
5,000.00	4,968.18	4,987.53	4,932.89	12.48	13.63	60.89	564.72	-472.12	303.87	278.33	25.54	11.898		
5,100.00	5,067.48	5,087.35	5,031.49	12.77	13.95	60.87	576.33	-482.57	309.77	283.66	26.11	11.863		
5,200.00	5,166.77	5,187.18	5,130.08	13.06	14.27	60.84	587.93	-493.02	315.68	288.99	26.69	11.827		
5,300.00	5,266.07	5,287.00	5,228.68	13.35	14.59	60.82	599.54	-503.47	321.59	294.31	27.27	11.791		
5,400.00	5,365.37	5,386.83	5,327.28	13.64	14.92	60.80	611.14	-513.92	327.49	299.63	27.86	11.755		
5,500.00	5,464.66	5,486.65	5,425.87	13.93	15.24	60.78	622.75	-524.37	333.40	304.95	28.45	11.719		
5,600.00	5,563.96	5,586.48	5,524.47	14.23	15.57	60.75	634.35	-534.81	339.30	310.26	29.04	11.684		
5,700.00	5,663.26	5,686.30	5,623.06	14.52	15.90	60.73	645.96	-545.26	345.21	315.57	29.63	11.649		
5,800.00	5,762.55	5,786.13	5,721.66	14.82	16.23	60.71	657.56	-555.71	351.11	320.88	30.23	11.614		
5,900.00	5,861.85	5,885.95	5,820.26	15.12	16.56	60.69	669.17	-566.16	357.02	326.19	30.83	11.580		
6,000.00	5,961.15	5,985.78	5,918.85	15.42	16.89	60.68	680.77	-576.61	362.93	331.49	31.43	11.546		
6,100.00	6,060.44	6,085.60	6,017.45	15.72	17.23	60.66	692.38	-587.06	368.83	336.79	32.04	11.512		
6,200.00	6,159.74	6,185.43	6,116.05	16.02	17.56	60.64	703.98	-597.51	374.74	342.09	32.64	11.479		
6,300.00	6,259.04	6,285.26	6,214.64	16.33	17.90	60.62	715.59	-607.96	380.64	347.39	33.25	11.447		
6,400.00	6,358.33	6,385.08	6,313.24	16.63	18.24	60.61	727.19	-618.41	386.55	352.69	33.86	11.415		

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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
6,500.00	6,457.63	6,484.91	6,411.84	16.94	18.58	60.59	738.80	-628.86	392.46	357.98	34.48	11.384	
6,600.00	6,556.93	6,584.73	6,510.43	17.24	18.91	60.58	750.40	-639.31	398.36	363.27	35.09	11.353	
6,700.00	6,655.60	6,684.54	6,608.95	17.58	19.26	75.29	762.00	-650.25	404.28	368.51	35.78	11.300	
6,800.00	6,750.90	6,785.26	6,706.39	18.03	19.66	81.77	773.50	-672.56	410.25	373.55	36.70	11.179	
6,900.00	6,840.42	6,887.23	6,800.22	18.62	20.20	84.73	784.60	-710.61	416.13	378.24	37.90	10.981	
7,000.00	6,921.96	6,990.46	6,887.83	19.38	20.88	86.49	795.01	-763.98	421.76	382.34	39.42	10.699	
7,100.00	6,993.53	7,094.90	6,966.59	20.35	21.75	87.67	804.40	-831.75	426.96	385.62	41.35	10.326	
7,200.00	7,053.34	7,200.49	7,033.95	21.56	22.86	88.50	812.49	-912.50	431.59	387.82	43.77	9.861	
7,300.00	7,099.94	7,307.08	7,087.58	23.05	24.26	89.09	818.98	-1,004.24	435.48	388.75	46.73	9.319	
7,400.00	7,132.16	7,414.50	7,125.49	24.79	25.96	89.48	823.65	-1,104.51	438.51	388.28	50.22	8.731	
7,500.00	7,149.23	7,522.53	7,146.21	26.74	27.92	89.69	826.31	-1,210.37	440.58	386.43	54.15	8.136	
7,600.00	7,152.13	7,627.60	7,150.25	28.83	30.01	89.76	827.01	-1,315.29	441.68	383.32	58.36	7.568	
7,700.00	7,152.42	7,727.59	7,150.90	31.05	32.14	89.80	827.30	-1,415.28	442.57	379.75	62.82	7.045	
7,800.00	7,152.72	7,827.59	7,151.54	33.39	34.40	89.85	827.59	-1,515.28	443.47	375.96	67.51	6.569	
7,900.00	7,153.01	7,927.58	7,152.18	35.82	36.76	89.89	827.88	-1,615.27	444.36	371.98	72.38	6.139	
8,000.00	7,153.31	8,027.58	7,152.82	38.33	39.21	89.94	828.17	-1,715.26	445.26	367.86	77.40	5.753	
8,100.00	7,153.61	8,127.57	7,153.46	40.90	41.72	89.98	828.45	-1,815.25	446.15	363.62	82.54	5.405	
8,200.00	7,153.90	8,227.57	7,154.10	43.52	44.29	90.03	828.74	-1,915.25	447.05	359.27	87.78	5.093	
8,300.00	7,154.20	8,327.57	7,154.75	46.18	46.91	90.07	829.03	-2,015.24	447.95	354.85	93.10	4.811	
8,400.00	7,154.49	8,427.56	7,155.39	48.87	49.57	90.12	829.32	-2,115.23	448.84	350.35	98.49	4.557	
8,500.00	7,154.79	8,527.56	7,156.03	51.60	52.26	90.16	829.61	-2,215.23	449.74	345.80	103.94	4.327	
8,600.00	7,155.08	8,627.55	7,156.67	54.35	54.98	90.20	829.90	-2,315.22	450.64	341.20	109.44	4.118	
8,700.00	7,155.38	8,727.55	7,157.31	57.12	57.72	90.25	830.19	-2,415.21	451.53	336.55	114.98	3.927	
8,800.00	7,155.67	8,827.54	7,157.95	59.91	60.49	90.29	830.47	-2,515.21	452.43	331.87	120.56	3.753	
8,900.00	7,155.97	8,927.54	7,158.60	62.71	63.27	90.33	830.76	-2,615.20	453.33	327.16	126.16	3.593	
9,000.00	7,156.26	9,027.53	7,159.24	65.53	66.07	90.38	831.05	-2,715.19	454.23	322.42	131.80	3.446	
9,100.00	7,156.56	9,127.53	7,159.88	68.36	68.89	90.42	831.34	-2,815.18	455.12	317.66	137.46	3.311	
9,200.00	7,156.85	9,227.52	7,160.52	71.20	71.72	90.46	831.63	-2,915.18	456.02	312.88	143.14	3.186	
9,300.00	7,157.15	9,327.52	7,161.16	74.05	74.55	90.50	831.92	-3,015.17	456.92	308.08	148.84	3.070	
9,400.00	7,157.44	9,427.51	7,161.81	76.91	77.40	90.55	832.21	-3,115.16	457.82	303.26	154.56	2.962	
9,500.00	7,157.74	9,527.51	7,162.45	79.78	80.25	90.59	832.50	-3,215.16	458.72	298.43	160.29	2.862	
9,600.00	7,158.03	9,627.51	7,163.09	82.65	83.12	90.63	832.78	-3,315.15	459.62	293.58	166.04	2.768	
9,700.00	7,158.33	9,727.50	7,163.73	85.53	85.99	90.67	833.07	-3,415.14	460.52	288.73	171.79	2.681	
9,800.00	7,158.63	9,827.50	7,164.37	88.41	88.86	90.72	833.36	-3,515.13	461.42	283.86	177.56	2.599	
9,900.00	7,158.92	9,927.49	7,165.01	91.30	91.75	90.76	833.65	-3,615.13	462.32	278.98	183.34	2.522	
10,000.00	7,159.22	10,027.49	7,165.66	94.20	94.63	90.80	833.94	-3,715.12	463.22	274.10	189.12	2.449	
10,100.00	7,159.51	10,127.48	7,166.30	97.10	97.52	90.84	834.23	-3,815.11	464.12	269.20	194.92	2.381	
10,200.00	7,159.81	10,227.48	7,166.94	100.00	100.42	90.88	834.52	-3,915.11	465.02	264.30	200.72	2.317	
10,300.00	7,160.10	10,327.47	7,167.58	102.90	103.32	90.92	834.81	-4,015.10	465.92	259.40	206.52	2.256	
10,400.00	7,160.40	10,427.47	7,168.22	105.81	106.22	90.96	835.09	-4,115.09	466.82	254.49	212.34	2.198	
10,500.00	7,160.69	10,527.46	7,168.86	108.72	109.13	91.00	835.38	-4,215.08	467.72	249.57	218.16	2.144	
10,600.00	7,160.99	10,627.46	7,169.51	111.64	112.04	91.04	835.67	-4,315.08	468.63	244.65	223.98	2.092	
10,700.00	7,161.28	10,727.45	7,170.15	114.55	114.95	91.08	835.96	-4,415.07	469.53	239.72	229.81	2.043	
10,800.00	7,161.58	10,827.45	7,170.79	117.47	117.87	91.12	836.25	-4,515.06	470.43	234.79	235.64	1.996	
10,900.00	7,161.87	10,927.45	7,171.43	120.39	120.79	91.16	836.54	-4,615.06	471.33	229.85	241.48	1.952	
11,000.00	7,162.17	11,027.44	7,172.07	123.31	123.71	91.20	836.83	-4,715.05	472.24	224.92	247.32	1.909	
11,100.00	7,162.46	11,127.44	7,172.71	126.24	126.63	91.24	837.11	-4,815.04	473.14	219.98	253.16	1.869	
11,200.00	7,162.76	11,227.43	7,173.36	129.16	129.55	91.28	837.40	-4,915.04	474.04	215.03	259.01	1.830	
11,300.00	7,163.06	11,327.43	7,174.00	132.09	132.48	91.32	837.69	-5,015.03	474.95	210.09	264.86	1.793	
11,400.00	7,163.35	11,427.42	7,174.64	135.02	135.40	91.36	837.98	-5,115.02	475.85	205.14	270.71	1.758	
11,500.00	7,163.65	11,527.42	7,175.28	137.95	138.33	91.40	838.27	-5,215.01	476.75	200.19	276.57	1.724	
11,600.00	7,163.94	11,627.41	7,175.92	140.88	141.26	91.44	838.56	-5,315.01	477.66	195.23	282.42	1.691	
11,700.00	7,164.24	11,727.41	7,176.56	143.82	144.19	91.48	838.85	-5,415.00	478.56	190.28	288.28	1.660	
11,800.00	7,164.53	11,827.40	7,177.21	146.75	147.13	91.52	839.14	-5,514.99	479.47	185.32	294.15	1.630	
11,900.00	7,164.83	11,927.40	7,177.85	149.69	150.06	91.55	839.42	-5,614.99	480.37	180.36	300.01	1.601	
12,000.00	7,165.12	12,027.39	7,178.49	152.62	153.00	91.59	839.71	-5,714.98	481.28	175.40	305.87	1.573	
12,100.00	7,165.42	12,127.39	7,179.13	155.56	155.93	91.63	840.00	-5,814.97	482.18	170.44	311.74	1.547	
12,200.00	7,165.71	12,227.39	7,179.77	158.50	158.87	91.67	840.29	-5,914.96	483.09	165.48	317.61	1.521	
12,300.00	7,166.01	12,327.38	7,180.41	161.44	161.81	91.71	840.58	-6,014.96	483.99	160.51	323.48	1.496 Level 3	
12,400.00	7,166.30	12,427.38	7,181.06	164.38	164.75	91.75	840.87	-6,114.95	484.90	155.55	329.35	1.472 Level 3	
12,500.00	7,166.60	12,527.37	7,181.70	167.32	167.69	91.78	841.16	-6,214.94	485.80	150.58	335.22	1.449 Level 3	
12,600.00	7,166.89	12,627.37	7,182.34	170.26	170.63	91.82	841.45	-6,314.94	486.71	145.62	341.09	1.427 Level 3	
12,700.00	7,167.19	12,727.36	7,182.98	173.20	173.57	91.86	841.73	-6,414.93	487.62	140.65	346.97	1.405 Level 3	
12,800.00	7,167.49	12,827.36	7,183.62	176.14	176.51	91.89	842.02	-6,514.92	488.52	135.68	352.84	1.385 Level 3	
12,900.00	7,167.78	12,927.35	7,184.26	179.09	179.46	91.93	842.31	-6,614.91	489.43	130.71	358.72	1.364 Level 3	
13,000.00													

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 (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	Warning			
13,100.00	7,168.37	13,127.34	7,185.55	184.97	185.34	92.01	842.89	-6,814.90	491.24	120.77	370.47	1.326	Level 3			
13,200.00	7,168.67	13,227.34	7,186.19	187.92	188.29	92.04	843.18	-6,914.89	492.15	115.80	376.35	1.308	Level 3			
13,300.00	7,168.96	13,327.33	7,186.83	190.86	191.24	92.08	843.47	-7,014.89	493.06	110.83	382.23	1.290	Level 3			
13,400.00	7,169.26	13,427.33	7,187.47	193.81	194.18	92.12	843.75	-7,114.88	493.97	105.86	388.11	1.273	Level 3			
13,500.00	7,169.55	13,527.33	7,188.12	196.76	197.13	92.15	844.04	-7,214.87	494.87	100.88	393.99	1.256	Level 3			
13,600.00	7,169.85	13,623.26	7,188.73	199.70	199.96	92.19	844.42	-7,310.80	495.90	96.10	399.80	1.240	Level 2			
13,700.00	7,170.14	13,713.08	7,189.31	202.65	202.61	92.21	846.65	-7,400.59	498.96	93.58	405.39	1.231	Level 2			
13,800.00	7,170.44	13,813.01	7,189.95	205.60	205.56	92.23	849.80	-7,500.47	502.73	91.45	411.27	1.222	Level 2			
13,900.00	7,170.73	13,912.93	7,190.59	208.55	208.52	92.25	852.94	-7,600.34	506.50	89.33	417.16	1.214	Level 2			
14,000.00	7,171.03	14,012.86	7,191.23	211.49	211.48	92.28	856.09	-7,700.22	510.26	87.21	423.06	1.206	Level 2			
14,100.00	7,171.32	14,112.79	7,191.87	214.44	214.43	92.30	859.24	-7,800.10	514.03	85.08	428.95	1.198	Level 2			
14,200.00	7,171.62	14,212.72	7,192.51	217.39	217.39	92.32	862.38	-7,899.97	517.80	82.96	434.84	1.191	Level 2			
14,300.00	7,171.92	14,315.89	7,193.17	220.34	220.44	92.34	865.58	-8,003.09	521.52	80.67	440.85	1.183	Level 2			
14,400.00	7,172.21	14,438.15	7,193.96	223.29	224.03	92.38	866.06	-8,125.34	522.53	75.47	447.06	1.169	Level 2			
14,500.00	7,172.51	14,552.94	7,194.70	226.24	227.39	92.44	861.96	-8,240.05	519.52	66.82	452.70	1.148	Level 2			
14,600.00	7,172.80	14,652.86	7,195.34	229.19	230.31	92.50	857.38	-8,339.86	515.56	57.01	458.55	1.124	Level 2			
14,700.00	7,173.10	14,752.78	7,195.98	232.14	233.24	92.56	852.80	-8,439.67	511.61	47.20	464.40	1.102	Level 2			
14,800.00	7,173.39	14,852.70	7,196.62	235.09	236.16	92.62	848.22	-8,539.49	507.65	37.39	470.26	1.080	Level 2			
14,900.00	7,173.69	14,952.62	7,197.26	238.05	239.09	92.68	843.64	-8,639.30	503.69	27.58	476.11	1.058	Level 2			
15,000.00	7,173.98	15,052.54	7,197.90	241.00	242.01	92.74	839.06	-8,739.11	499.73	17.78	481.96	1.037	Level 2			
15,100.00	7,174.28	15,152.46	7,198.54	243.95	244.94	92.80	834.48	-8,838.93	495.78	7.97	487.81	1.016	Level 2			
15,200.00	7,174.57	15,252.38	7,199.18	246.90	247.87	92.86	829.90	-8,938.74	491.82	-1.83	493.66	0.996	Level 1			
15,300.00	7,174.87	15,352.30	7,199.82	249.85	250.79	92.93	825.32	-9,038.55	487.87	-11.64	499.50	0.977	Level 1			
15,400.00	7,175.16	15,452.22	7,200.46	252.80	253.72	92.99	820.74	-9,138.37	483.91	-21.44	505.35	0.958	Level 1			
15,500.00	7,175.46	15,552.14	7,201.10	255.76	256.65	93.06	816.16	-9,238.18	479.96	-31.24	511.20	0.939	Level 1			
15,600.00	7,175.75	15,652.06	7,201.74	258.71	259.58	93.13	811.58	-9,337.99	476.01	-41.03	517.04	0.921	Level 1			
15,700.00	7,176.05	15,751.98	7,202.38	261.66	262.51	93.19	807.00	-9,437.81	472.05	-50.83	522.88	0.903	Level 1			
15,800.00	7,176.35	15,851.90	7,203.02	264.62	265.44	93.26	802.42	-9,537.62	468.10	-60.62	528.72	0.885	Level 1			
15,900.00	7,176.64	15,951.82	7,203.66	267.57	268.36	93.33	797.84	-9,637.43	464.15	-70.41	534.56	0.868	Level 1			
16,000.00	7,176.94	16,051.74	7,204.30	270.52	271.29	93.41	793.26	-9,737.24	460.20	-80.19	540.40	0.852	Level 1			
16,100.00	7,177.23	16,151.66	7,204.94	273.48	274.22	93.48	788.68	-9,837.06	456.25	-89.98	546.23	0.835	Level 1			
16,200.00	7,177.53	16,251.58	7,205.58	276.43	277.16	93.55	784.10	-9,936.87	452.30	-99.76	552.06	0.819	Level 1			
16,300.00	7,177.82	16,351.50	7,206.22	279.38	280.09	93.63	779.52	-10,036.68	448.36	-109.54	557.89	0.804	Level 1			
16,400.00	7,178.12	16,451.42	7,206.86	282.34	283.02	93.71	774.94	-10,136.50	444.41	-119.31	563.72	0.788	Level 1			
16,500.00	7,178.41	16,551.34	7,207.51	285.29	285.95	93.78	770.36	-10,236.31	440.46	-129.08	569.55	0.773	Level 1			
16,600.00	7,178.71	16,651.26	7,208.15	288.25	288.88	93.86	765.78	-10,336.12	436.52	-138.85	575.37	0.759	Level 1			
16,700.00	7,179.00	16,751.18	7,208.79	291.20	291.81	93.94	761.20	-10,435.94	432.57	-148.62	581.19	0.744	Level 1			
16,800.00	7,179.30	16,851.10	7,209.43	294.16	294.74	94.03	756.62	-10,535.75	428.63	-158.38	587.01	0.730	Level 1			
16,900.00	7,179.59	16,951.02	7,210.07	297.11	297.68	94.11	752.03	-10,635.56	424.69	-168.13	592.82	0.716	Level 1			
17,000.00	7,179.89	17,050.95	7,210.71	300.07	300.61	94.20	747.45	-10,735.38	420.74	-177.89	598.63	0.703	Level 1			
17,100.00	7,180.18	17,150.87	7,211.35	303.02	303.54	94.28	742.87	-10,835.19	416.80	-187.63	604.44	0.690	Level 1			
17,200.00	7,180.48	17,250.79	7,211.99	305.98	306.48	94.37	738.29	-10,935.00	412.86	-197.38	610.24	0.677	Level 1			
17,300.00	7,180.78	17,350.71	7,212.63	308.93	309.41	94.46	733.71	-11,034.82	408.92	-207.12	616.04	0.664	Level 1			
17,373.91	7,180.99	17,408.56	7,213.00	311.12	311.11	94.52	731.06	-11,092.60	406.33	-214.34	620.67	0.655	Level 1			
17,376.19	7,181.00	17,408.56	7,213.00	311.18	311.11	94.52	731.06	-11,092.60	406.34	-214.44	620.77	0.655	Level 1, ES, SF			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							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	0.00	20.03	0.00	20.03					
100.00	100.00	100.00	100.00	3.28	3.28	0.00	20.03	0.00	20.03	12.51	7.53	2.661		
200.00	200.00	200.00	200.00	3.30	3.30	0.00	20.03	0.00	20.03	12.46	7.57	2.647		
283.77	283.76	283.63	283.63	3.34	3.34	62.08	20.15	-0.16	19.85	12.22	7.64	2.600 CC		
300.00	300.00	299.80	299.80	3.35	3.35	61.08	20.28	-0.35	20.07	12.42	7.65	2.623		
400.00	399.93	399.39	399.33	3.41	3.41	61.68	22.29	-3.17	20.40	12.62	7.78	2.623		
500.00	499.68	498.99	498.67	3.50	3.50	62.84	26.30	-8.81	21.05	13.10	7.95	2.649		
600.00	599.13	598.58	597.72	3.61	3.61	64.40	32.30	-17.26	22.05	13.88	8.16	2.701		
700.00	698.43	701.54	696.77	3.75	3.75	63.82	39.75	-27.74	23.75	15.31	8.44	2.813		
800.00	797.73	801.55	795.91	3.91	3.92	63.13	47.26	-38.31	25.52	16.75	8.77	2.911		
900.00	897.02	901.57	895.05	4.09	4.10	62.52	54.77	-48.88	27.29	18.16	9.13	2.990		
1,000.00	996.32	1,001.59	994.19	4.29	4.31	61.99	62.28	-59.44	29.06	19.53	9.52	3.051		
1,100.00	1,095.61	1,101.60	1,093.33	4.50	4.53	61.53	69.79	-70.01	30.83	20.88	9.95	3.099		
1,200.00	1,194.91	1,201.62	1,192.47	4.73	4.76	61.11	77.30	-80.58	32.60	22.21	10.40	3.136		
1,300.00	1,294.21	1,301.63	1,291.61	4.97	5.01	60.73	84.81	-91.15	34.38	23.51	10.87	3.163		
1,400.00	1,393.50	1,401.65	1,390.75	5.22	5.27	60.40	92.32	-101.71	36.15	24.80	11.36	3.183		
1,500.00	1,492.80	1,501.67	1,489.89	5.47	5.53	60.09	99.83	-112.28	37.93	26.07	11.87	3.197		
1,600.00	1,592.10	1,601.68	1,589.03	5.74	5.80	59.81	107.34	-122.85	39.71	27.33	12.39	3.206		
1,700.00	1,691.39	1,701.70	1,688.17	6.01	6.08	59.56	114.84	-133.41	41.49	28.57	12.92	3.212		
1,800.00	1,790.69	1,798.29	1,787.31	6.15	6.23	59.32	122.35	-143.98	43.27	30.46	12.81	3.377		
1,900.00	1,889.99	1,901.73	1,886.45	6.18	6.26	59.11	129.86	-154.55	45.05	32.19	12.87	3.501		
2,000.00	1,989.28	2,001.75	1,985.59	6.23	6.31	58.91	137.37	-165.12	46.83	33.88	12.95	3.616		
2,100.00	2,088.58	2,101.76	2,084.73	6.29	6.38	58.72	144.88	-175.68	48.62	35.55	13.07	3.720		
2,200.00	2,187.88	2,201.78	2,183.87	6.37	6.46	58.55	152.39	-186.25	50.40	37.18	13.22	3.813		
2,300.00	2,287.17	2,301.79	2,283.01	6.46	6.56	58.39	159.90	-196.82	52.18	38.78	13.40	3.895		
2,400.00	2,386.47	2,401.81	2,382.15	6.57	6.68	58.24	167.41	-207.39	53.97	40.36	13.61	3.966		
2,500.00	2,485.77	2,498.17	2,481.29	6.70	6.81	58.11	174.92	-217.95	55.75	41.91	13.84	4.028		
2,600.00	2,585.06	2,601.84	2,580.43	6.84	6.96	57.97	182.43	-228.52	57.53	43.42	14.11	4.077		
2,700.00	2,684.36	2,701.86	2,679.57	6.99	7.11	57.85	189.94	-239.09	59.32	44.92	14.40	4.119		
2,800.00	2,783.66	2,801.87	2,778.71	7.15	7.28	57.74	197.45	-249.66	61.10	46.39	14.72	4.152		
2,900.00	2,882.95	2,901.89	2,877.85	7.32	7.47	57.63	204.96	-260.22	62.89	47.84	15.05	4.178		
3,000.00	2,982.25	3,001.91	2,976.99	7.51	7.66	57.52	212.47	-270.79	64.67	49.27	15.41	4.197		
3,100.00	3,081.55	3,101.92	3,076.13	7.70	7.86	57.43	219.98	-281.36	66.46	50.68	15.78	4.211		
3,200.00	3,180.84	3,201.94	3,175.27	7.90	8.07	57.33	227.49	-291.92	68.25	52.07	16.18	4.219		
3,300.00	3,280.14	3,301.95	3,274.41	8.11	8.29	57.25	235.00	-302.49	70.03	53.45	16.59	4.222		
3,400.00	3,379.44	3,401.97	3,373.55	8.33	8.51	57.16	242.51	-313.06	71.82	54.81	17.01	4.222		
3,500.00	3,478.73	3,501.99	3,472.69	8.55	8.75	57.08	250.02	-323.63	73.60	56.15	17.45	4.218		
3,600.00	3,578.03	3,602.00	3,571.83	8.79	8.99	57.01	257.53	-334.19	75.39	57.49	17.90	4.212		
3,700.00	3,677.33	3,702.02	3,670.97	9.02	9.24	56.93	265.04	-344.76	77.18	58.81	18.36	4.203		
3,800.00	3,776.62	3,802.03	3,770.11	9.26	9.49	56.87	272.55	-355.33	78.96	60.12	18.84	4.192		
3,900.00	3,875.92	3,902.05	3,869.25	9.51	9.74	56.80	280.06	-365.90	80.75	61.43	19.32	4.179		
4,000.00	3,975.21	4,002.07	3,968.39	9.77	10.01	56.74	287.57	-376.46	82.54	62.72	19.82	4.165		
4,100.00	4,074.51	4,102.08	4,067.53	10.02	10.27	56.68	295.08	-387.03	84.32	64.00	20.32	4.150		
4,200.00	4,173.81	4,202.10	4,166.67	10.28	10.54	56.62	302.59	-397.60	86.11	65.28	20.83	4.134		
4,300.00	4,273.10	4,302.11	4,265.81	10.55	10.82	56.56	310.10	-408.17	87.90	66.55	21.35	4.117		
4,400.00	4,372.40	4,402.13	4,364.95	10.82	11.09	56.51	317.61	-418.73	89.68	67.81	21.87	4.100		
4,500.00	4,471.70	4,502.15	4,464.09	11.09	11.37	56.46	325.12	-429.30	91.47	69.07	22.40	4.083		
4,600.00	4,570.99	4,602.16	4,563.23	11.36	11.66	56.41	332.63	-439.87	93.26	70.32	22.94	4.065		
4,700.00	4,670.29	4,702.18	4,662.37	11.64	11.94	56.36	340.14	-450.43	95.04	71.56	23.48	4.047		
4,800.00	4,769.59	4,802.19	4,761.51	11.92	12.23	56.32	347.65	-461.00	96.83	72.80	24.03	4.029		
4,900.00	4,868.88	4,902.21	4,860.65	12.20	12.52	56.27	355.16	-471.57	98.62	74.04	24.58	4.011		
5,000.00	4,968.18	5,002.23	4,959.79	12.48	12.82	56.23	362.67	-482.14	100.41	75.27	25.14	3.994		
5,100.00	5,067.48	5,102.24	5,058.93	12.77	13.11	56.19	370.18	-492.70	102.19	76.49	25.70	3.976		
5,200.00	5,166.77	5,202.26	5,158.07	13.06	13.41	56.15	377.69	-503.27	103.98	77.71	26.27	3.959		
5,300.00	5,266.07	5,302.27	5,257.21	13.35	13.71	56.11	385.20	-513.84	105.77	78.93	26.84	3.941		
5,400.00	5,365.37	5,402.29	5,356.35	13.64	14.01	56.08	392.71	-524.41	107.56	80.15	27.41	3.924		
5,500.00	5,464.66	5,502.31	5,455.49	13.93	14.31	56.04	400.22	-534.97	109.34	81.36	27.98	3.907		
5,600.00	5,563.96	5,602.32	5,554.63	14.23	14.62	56.00	407.73	-545.54	111.13	82.57	28.56	3.891		
5,700.00	5,663.26	5,702.34	5,653.77	14.52	14.92	55.97	415.24	-556.11	112.92	83.78	29.14	3.875		
5,800.00	5,762.55	5,802.35	5,752.91	14.82	15.23	55.94	422.75	-566.68	114.71	84.98	29.73	3.859		
5,900.00	5,861.85	5,902.37	5,852.05	15.12	15.54	55.91	430.26	-577.24	116.50	86.18	30.31	3.843		
6,000.00	5,961.15	6,002.39	5,951.19	15.42	15.85	55.88	437.77	-587.81	118.28	87.38	30.90	3.828		
6,100.00	6,060.44	6,102.40	6,050.33	15.72	16.16	55.85	445.28	-598.38	120.07	88.58	31.49	3.813		
6,200.00	6,159.74	6,202.42	6,149.47	16.02	16.47	55.82	452.79	-608.94	121.86	89.77	32.09	3.798		
6,300.00	6,259.04	6,302.43	6,248.61	16.33	16.78	55.79	460.30	-619.51	123.65	90.97	32.68	3.783		
6,400.00	6,358.33	6,402.45	6,347.75	16.63	17.10	55.76	467.81	-630.08	125.44	92.16	33.28	3.769		

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
6,500.00	6,457.63	6,496.51	6,445.61	16.94	17.40	54.83	475.23	-642.55	127.43	93.62	33.81	3.769	
6,600.00	6,556.93	6,592.14	6,537.65	17.24	17.81	48.41	482.24	-667.20	131.76	97.72	34.05	3.870	
6,700.00	6,655.60	6,682.79	6,620.57	17.58	18.31	53.13	488.61	-703.07	141.40	107.40	34.00	4.158	
6,800.00	6,750.90	6,770.44	6,695.14	18.03	18.91	50.76	494.38	-748.64	154.24	120.18	34.06	4.528	
6,900.00	6,840.42	6,855.70	6,761.02	18.62	19.63	46.73	499.51	-802.41	168.46	134.23	34.23	4.922	
7,000.00	6,921.96	6,938.97	6,817.89	19.38	20.49	43.08	503.99	-863.00	182.71	148.19	34.53	5.292	
7,100.00	6,993.53	7,020.65	6,865.55	20.35	21.50	40.15	507.80	-929.15	196.02	161.01	35.01	5.600	
7,200.00	7,053.34	7,101.05	6,903.84	21.56	22.67	37.93	510.91	-999.72	207.67	171.95	35.72	5.813	
7,300.00	7,099.94	7,180.49	6,932.67	23.05	24.01	36.33	513.31	-1,073.64	217.18	180.43	36.76	5.908	
7,400.00	7,132.16	7,259.22	6,951.97	24.79	25.47	35.29	515.01	-1,149.91	224.21	186.07	38.15	5.877	
7,500.00	7,149.23	7,337.51	6,961.71	26.74	27.04	34.75	515.99	-1,227.53	228.55	188.61	39.94	5.722	
7,600.00	7,152.13	7,425.88	6,962.93	28.83	28.91	34.70	516.36	-1,315.87	230.14	187.94	42.20	5.453	
7,700.00	7,152.42	7,525.87	6,962.77	31.05	31.15	34.82	516.66	-1,415.86	231.03	186.25	44.77	5.160	
7,800.00	7,152.72	7,625.86	6,962.62	33.39	33.50	34.95	516.97	-1,515.86	231.92	184.40	47.52	4.880	
7,900.00	7,153.01	7,725.86	6,962.47	35.82	35.94	35.07	517.27	-1,615.85	232.81	182.39	50.41	4.618	
8,000.00	7,153.31	7,825.85	6,962.32	38.33	38.46	35.19	517.57	-1,715.84	233.70	180.26	53.43	4.373	
8,100.00	7,153.61	7,925.85	6,962.16	40.90	41.04	35.30	517.88	-1,815.84	234.59	178.02	56.57	4.147	
8,200.00	7,153.90	8,025.84	6,962.01	43.52	43.66	35.42	518.18	-1,915.83	235.48	175.69	59.79	3.938	
8,300.00	7,154.20	8,125.84	6,961.86	46.18	46.33	35.54	518.48	-2,015.83	236.37	173.27	63.11	3.746	
8,400.00	7,154.49	8,225.83	6,961.70	48.87	49.03	35.66	518.79	-2,115.82	237.27	170.78	66.49	3.568	
8,500.00	7,154.79	8,325.83	6,961.55	51.60	51.76	35.77	519.09	-2,215.82	238.16	168.22	69.94	3.405	
8,600.00	7,155.08	8,425.82	6,961.40	54.35	54.52	35.88	519.39	-2,315.81	239.06	165.61	73.45	3.255	
8,700.00	7,155.38	8,525.82	6,961.25	57.12	57.30	36.00	519.70	-2,415.80	239.96	162.95	77.01	3.116	
8,800.00	7,155.67	8,625.81	6,961.09	59.91	60.09	36.11	520.00	-2,515.80	240.85	160.24	80.61	2.988	
8,900.00	7,155.97	8,725.81	6,960.94	62.71	62.90	36.22	520.30	-2,615.79	241.75	157.49	84.27	2.869	
9,000.00	7,156.26	8,825.80	6,960.79	65.53	65.72	36.33	520.61	-2,715.79	242.65	154.70	87.96	2.759	
9,100.00	7,156.56	8,925.80	6,960.64	68.36	68.56	36.44	520.91	-2,815.78	243.55	151.87	91.68	2.657	
9,200.00	7,156.85	9,025.79	6,960.48	71.20	71.41	36.55	521.21	-2,915.78	244.46	149.01	95.44	2.561	
9,300.00	7,157.15	9,125.79	6,960.33	74.05	74.26	36.66	521.52	-3,015.77	245.36	146.13	99.23	2.473	
9,400.00	7,157.44	9,225.78	6,960.18	76.91	77.13	36.77	521.82	-3,115.76	246.26	143.21	103.05	2.390	
9,500.00	7,157.74	9,325.78	6,960.03	79.78	80.00	36.88	522.12	-3,215.76	247.17	140.26	106.90	2.312	
9,600.00	7,158.03	9,425.77	6,959.87	82.65	82.87	36.98	522.43	-3,315.75	248.07	137.30	110.78	2.239	
9,700.00	7,158.33	9,525.77	6,959.72	85.53	85.76	37.09	522.73	-3,415.75	248.98	134.30	114.67	2.171	
9,800.00	7,158.63	9,625.76	6,959.57	88.41	88.65	37.19	523.04	-3,515.74	249.88	131.29	118.60	2.107	
9,900.00	7,158.92	9,725.76	6,959.41	91.30	91.54	37.30	523.34	-3,615.74	250.79	128.25	122.54	2.047	
10,000.00	7,159.22	9,825.75	6,959.26	94.20	94.44	37.40	523.64	-3,715.73	251.70	125.19	126.51	1.990	
10,100.00	7,159.51	9,925.75	6,959.11	97.10	97.34	37.50	523.95	-3,815.72	252.61	122.12	130.49	1.936	
10,200.00	7,159.81	10,025.74	6,958.96	100.00	100.25	37.60	524.25	-3,915.72	253.52	119.02	134.50	1.885	
10,300.00	7,160.10	10,125.74	6,958.80	102.90	103.16	37.70	524.55	-4,015.71	254.43	115.91	138.52	1.837	
10,400.00	7,160.40	10,225.73	6,958.65	105.81	106.07	37.80	524.86	-4,115.71	255.34	112.78	142.56	1.791	
10,500.00	7,160.69	10,325.73	6,958.50	108.72	108.98	37.90	525.16	-4,215.70	256.25	109.63	146.62	1.748	
10,600.00	7,160.99	10,425.72	6,958.35	111.64	111.90	38.00	525.46	-4,315.70	257.17	106.47	150.70	1.707	
10,700.00	7,161.28	10,525.72	6,958.19	114.55	114.82	38.10	525.77	-4,415.69	258.08	103.29	154.79	1.667	
10,800.00	7,161.58	10,625.71	6,958.04	117.47	117.74	38.20	526.07	-4,515.68	259.00	100.10	158.90	1.630	
10,900.00	7,161.87	10,725.71	6,957.89	120.39	120.67	38.29	526.37	-4,615.68	259.91	96.89	163.02	1.594	
11,000.00	7,162.17	10,825.70	6,957.74	123.31	123.59	38.39	526.68	-4,715.67	260.83	93.67	167.16	1.560	
11,100.00	7,162.46	10,925.70	6,957.58	126.24	126.52	38.49	526.98	-4,815.67	261.75	90.43	171.32	1.528	
11,200.00	7,162.76	11,025.69	6,957.43	129.16	129.45	38.58	527.28	-4,915.66	262.66	87.18	175.48	1.497 Level 3	
11,300.00	7,163.06	11,125.68	6,957.28	132.09	132.38	38.67	527.59	-5,015.66	263.58	83.92	179.66	1.467 Level 3	
11,400.00	7,163.35	11,225.68	6,957.12	135.02	135.31	38.77	527.89	-5,115.65	264.50	80.64	183.86	1.439 Level 3	
11,500.00	7,163.65	11,325.67	6,956.97	137.95	138.25	38.86	528.19	-5,215.64	265.42	77.35	188.07	1.411 Level 3	
11,600.00	7,163.94	11,425.67	6,956.82	140.88	141.18	38.95	528.50	-5,315.64	266.34	74.05	192.29	1.385 Level 3	
11,700.00	7,164.24	11,525.66	6,956.67	143.82	144.12	39.04	528.80	-5,415.63	267.26	70.74	196.52	1.360 Level 3	
11,800.00	7,164.53	11,625.66	6,956.51	146.75	147.06	39.13	529.10	-5,515.63	268.18	67.42	200.77	1.336 Level 3	
11,900.00	7,164.83	11,725.65	6,956.36	149.69	149.99	39.22	529.41	-5,615.62	269.11	64.08	205.03	1.313 Level 3	
12,000.00	7,165.12	11,825.65	6,956.21	152.62	152.93	39.31	529.71	-5,715.62	270.03	60.73	209.30	1.290 Level 3	
12,100.00	7,165.42	11,925.64	6,956.06	155.56	155.87	39.40	530.01	-5,815.61	270.95	57.38	213.58	1.269 Level 3	
12,200.00	7,165.71	12,025.64	6,955.90	158.50	158.82	39.49	530.32	-5,915.60	271.88	54.01	217.87	1.248 Level 2	
12,300.00	7,166.01	12,125.63	6,955.75	161.44	161.76	39.58	530.62	-6,015.60	272.80	50.63	222.17	1.228 Level 2	
12,400.00	7,166.30	12,225.63	6,955.60	164.38	164.70	39.67	530.92	-6,115.59	273.73	47.24	226.49	1.209 Level 2	
12,500.00	7,166.60	12,325.62	6,955.45	167.32	167.64	39.75	531.23	-6,215.59	274.65	43.84	230.82	1.190 Level 2	
12,600.00	7,166.89	12,425.62	6,955.29	170.26	170.59	39.84	531.53	-6,315.58	275.58	40.43	235.15	1.172 Level 2	
12,700.00	7,167.19	12,525.61	6,955.14	173.20	173.53	39.92	531.84	-6,415.58	276.51	37.01	239.50	1.155 Level 2	
12,800.00	7,167.49	12,625.61	6,954.99	176.14	176.48	40.01	532.14	-6,515.57	277.44	33.58	243.86	1.138 Level 2	
12,900.00	7,167.78	12,725.60	6,954.84	179.09	179.43	40.09	532.44	-6,615.56	278.37	30.14	248.22	1.121 Level 2	
13,000.00	7,168.08	12											

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance				Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		
13,100.00	7,168.37	12,925.59	6,954.53	184.97	185.32	40.26	533.05	-6,815.55	280.23	23.24	256.99	1.090 Level 2
13,200.00	7,168.67	13,025.59	6,954.38	187.92	188.27	40.34	533.35	-6,915.55	281.16	19.77	261.39	1.076 Level 2
13,300.00	7,168.96	13,125.58	6,954.22	190.86	191.22	40.43	533.66	-7,015.54	282.09	16.30	265.79	1.061 Level 2
13,400.00	7,169.26	13,225.58	6,954.07	193.81	194.16	40.51	533.96	-7,115.54	283.02	12.81	270.21	1.047 Level 2
13,500.00	7,169.55	13,325.57	6,953.92	196.76	197.11	40.59	534.26	-7,215.53	283.95	9.32	274.63	1.034 Level 2
13,600.00	7,169.85	13,425.57	6,953.77	199.70	200.06	40.67	534.57	-7,315.52	284.88	5.82	279.06	1.021 Level 2
13,700.00	7,170.14	13,525.56	6,953.61	202.65	203.01	40.75	534.87	-7,415.52	285.82	2.31	283.51	1.008 Level 2
13,800.00	7,170.44	13,625.56	6,953.46	205.60	205.96	40.83	535.17	-7,515.51	286.75	-1.21	287.96	0.996 Level 1
13,900.00	7,170.73	13,725.55	6,953.31	208.55	208.92	40.91	535.48	-7,615.51	287.69	-4.73	292.42	0.984 Level 1
14,000.00	7,171.03	13,825.55	6,953.16	211.49	211.87	40.98	535.78	-7,715.50	288.62	-8.27	296.89	0.972 Level 1
14,100.00	7,171.32	13,925.54	6,953.00	214.44	214.82	41.06	536.08	-7,815.50	289.56	-11.81	301.36	0.961 Level 1
14,200.00	7,171.62	14,025.54	6,952.85	217.39	217.77	41.14	536.39	-7,915.49	290.49	-15.36	305.85	0.950 Level 1
14,300.00	7,171.92	14,125.53	6,952.70	220.34	220.72	41.22	536.69	-8,015.48	291.43	-18.91	310.34	0.939 Level 1
14,400.00	7,172.21	14,225.53	6,952.55	223.29	223.68	41.29	536.99	-8,115.48	292.37	-22.48	314.84	0.929 Level 1
14,500.00	7,172.51	14,325.52	6,952.39	226.24	226.63	41.37	537.30	-8,215.47	293.31	-26.05	319.35	0.918 Level 1
14,600.00	7,172.80	14,425.51	6,952.24	229.19	229.58	41.44	537.60	-8,315.47	294.24	-29.63	323.87	0.909 Level 1
14,700.00	7,173.10	14,525.51	6,952.09	232.14	232.54	41.52	537.90	-8,415.46	295.18	-33.21	328.40	0.899 Level 1
14,800.00	7,173.39	14,625.50	6,951.93	235.09	235.49	41.59	538.21	-8,515.45	296.12	-36.81	332.93	0.889 Level 1
14,900.00	7,173.69	14,725.50	6,951.78	238.05	238.44	41.67	538.51	-8,615.45	297.06	-40.41	337.47	0.880 Level 1
15,000.00	7,173.98	14,825.49	6,951.63	241.00	241.40	41.74	538.81	-8,715.44	298.00	-44.02	342.02	0.871 Level 1
15,100.00	7,174.28	14,925.49	6,951.48	243.95	244.35	41.81	539.12	-8,815.44	298.94	-47.63	346.57	0.863 Level 1
15,200.00	7,174.57	15,025.48	6,951.32	246.90	247.31	41.89	539.42	-8,915.43	299.88	-51.25	351.13	0.854 Level 1
15,300.00	7,174.87	15,125.48	6,951.17	249.85	250.26	41.96	539.73	-9,015.43	300.82	-54.88	355.70	0.846 Level 1
15,400.00	7,175.16	15,225.47	6,951.02	252.80	253.22	42.03	540.03	-9,115.42	301.77	-58.51	360.28	0.838 Level 1
15,500.00	7,175.46	15,325.47	6,950.87	255.76	256.17	42.10	540.33	-9,215.41	302.71	-62.15	364.86	0.830 Level 1
15,600.00	7,175.75	15,425.46	6,950.71	258.71	259.13	42.17	540.64	-9,315.41	303.65	-65.80	369.45	0.822 Level 1
15,700.00	7,176.05	15,525.46	6,950.56	261.66	262.08	42.24	540.94	-9,415.40	304.60	-69.46	374.05	0.814 Level 1
15,800.00	7,176.35	15,625.45	6,950.41	264.62	265.04	42.31	541.24	-9,515.40	305.54	-73.12	378.66	0.807 Level 1
15,900.00	7,176.64	15,725.45	6,950.26	267.57	268.00	42.38	541.55	-9,615.39	306.48	-76.78	383.27	0.800 Level 1
16,000.00	7,176.94	15,825.44	6,950.10	270.52	270.95	42.45	541.85	-9,715.39	307.43	-80.45	387.88	0.793 Level 1
16,100.00	7,177.23	15,925.44	6,949.95	273.48	273.91	42.52	542.15	-9,815.38	308.38	-84.13	392.51	0.786 Level 1
16,200.00	7,177.53	16,025.43	6,949.80	276.43	276.87	42.59	542.46	-9,915.37	309.32	-87.82	397.14	0.779 Level 1
16,300.00	7,177.82	16,125.43	6,949.64	279.38	279.82	42.66	542.76	-10,015.37	310.27	-91.51	401.77	0.772 Level 1
16,400.00	7,178.12	16,225.42	6,949.49	282.34	282.78	42.72	543.06	-10,115.36	311.21	-95.20	406.42	0.766 Level 1
16,500.00	7,178.41	16,325.42	6,949.34	285.29	285.74	42.79	543.37	-10,215.36	312.16	-98.90	411.07	0.759 Level 1
16,600.00	7,178.71	16,425.41	6,949.19	288.25	288.69	42.86	543.67	-10,315.35	313.11	-102.61	415.72	0.753 Level 1
16,700.00	7,179.00	16,525.41	6,949.03	291.20	291.65	42.92	543.97	-10,415.35	314.06	-106.33	420.38	0.747 Level 1
16,800.00	7,179.30	16,625.40	6,948.88	294.16	294.61	42.99	544.28	-10,515.34	315.00	-110.04	425.05	0.741 Level 1
16,900.00	7,179.59	16,725.40	6,948.73	297.11	297.57	43.05	544.58	-10,615.33	315.95	-113.77	429.72	0.735 Level 1
17,000.00	7,179.89	16,825.39	6,948.58	300.07	300.52	43.12	544.88	-10,715.33	316.90	-117.50	434.40	0.730 Level 1
17,100.00	7,180.18	16,925.39	6,948.42	303.02	303.48	43.18	545.19	-10,815.32	317.85	-121.23	439.08	0.724 Level 1
17,200.00	7,180.48	17,025.38	6,948.27	305.98	306.44	43.25	545.49	-10,915.32	318.80	-124.97	443.78	0.718 Level 1
17,300.00	7,180.78	17,125.38	6,948.12	308.93	309.40	43.31	545.79	-11,015.31	319.75	-128.72	448.47	0.713 Level 1
17,376.19	7,181.00	17,201.56	6,948.00	311.18	311.65	43.36	546.03	-11,091.50	320.48	-131.58	452.05	0.709 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	-179.52	-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	
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, ES
300.00	300.00	298.82	298.82	3.35	3.34	-118.55	-100.10	-1.14	100.32	92.67	7.65	13.112	
400.00	399.93	396.34	396.28	3.41	3.40	-118.81	-102.38	-3.56	104.34	96.58	7.77	13.434	
500.00	499.68	493.50	493.21	3.50	3.48	-119.25	-106.90	-8.37	112.38	104.45	7.93	14.174	
600.00	599.13	590.08	589.28	3.61	3.58	-119.80	-113.62	-15.53	124.39	116.25	8.14	15.281	
700.00	698.43	687.18	685.52	3.75	3.71	-119.96	-122.45	-24.93	139.19	130.79	8.40	16.576	
800.00	797.73	786.01	783.39	3.91	3.87	-119.92	-131.86	-34.96	154.42	145.71	8.70	17.739	
900.00	897.02	884.85	881.26	4.09	4.06	-119.88	-141.28	-44.98	169.64	160.59	9.05	18.740	
1,000.00	996.32	983.68	979.14	4.29	4.27	-119.85	-150.69	-55.01	184.87	175.43	9.44	19.593	
1,100.00	1,095.61	1,082.52	1,077.01	4.50	4.50	-119.83	-160.11	-65.04	200.09	190.25	9.85	20.317	
1,200.00	1,194.91	1,181.35	1,174.88	4.73	4.74	-119.80	-169.52	-75.07	215.32	205.03	10.29	20.929	
1,300.00	1,294.21	1,280.18	1,272.75	4.97	5.00	-119.78	-178.94	-85.09	230.55	219.80	10.75	21.444	
1,400.00	1,393.50	1,379.02	1,370.62	5.22	5.26	-119.77	-188.36	-95.12	245.77	234.54	11.23	21.879	
1,500.00	1,492.80	1,477.85	1,468.50	5.47	5.54	-119.75	-197.77	-105.15	261.00	249.27	11.73	22.246	
1,600.00	1,592.10	1,576.69	1,566.37	5.74	5.83	-119.74	-207.19	-115.17	276.23	263.98	12.25	22.554	
1,700.00	1,691.39	1,675.52	1,664.24	6.01	6.12	-119.73	-216.60	-125.20	291.45	278.68	12.77	22.815	
1,800.00	1,790.69	1,774.35	1,762.11	6.15	6.31	-119.72	-226.02	-135.23	306.68	293.97	12.71	24.128	
1,900.00	1,889.99	1,873.19	1,859.99	6.18	6.38	-119.71	-235.44	-145.25	321.91	309.11	12.79	25.160	
2,000.00	1,989.28	1,972.02	1,957.86	6.23	6.43	-119.70	-244.85	-155.28	337.13	324.26	12.88	26.180	
2,100.00	2,088.58	2,070.86	2,055.73	6.29	6.50	-119.69	-254.27	-165.31	352.36	339.37	12.99	27.118	
2,200.00	2,187.88	2,169.69	2,153.60	6.37	6.58	-119.68	-263.68	-175.34	367.59	354.45	13.14	27.971	
2,300.00	2,287.17	2,268.52	2,251.47	6.46	6.69	-119.68	-273.10	-185.36	382.81	369.49	13.32	28.738	
2,400.00	2,386.47	2,367.36	2,349.35	6.57	6.81	-119.67	-282.52	-195.39	398.04	384.51	13.53	29.419	
2,500.00	2,485.77	2,466.19	2,447.22	6.70	6.95	-119.66	-291.93	-205.42	413.27	399.50	13.77	30.018	
2,600.00	2,585.06	2,565.03	2,545.09	6.84	7.10	-119.66	-301.35	-215.44	428.49	414.46	14.03	30.538	
2,700.00	2,684.36	2,663.86	2,642.96	6.99	7.26	-119.65	-310.76	-225.47	443.72	429.40	14.32	30.983	
2,800.00	2,783.66	2,762.69	2,740.83	7.15	7.44	-119.65	-320.18	-235.50	458.95	444.31	14.63	31.360	
2,900.00	2,882.95	2,861.53	2,838.71	7.32	7.63	-119.64	-329.60	-245.52	474.17	459.20	14.97	31.674	
3,000.00	2,982.25	2,960.36	2,936.58	7.51	7.83	-119.64	-339.01	-255.55	489.40	474.07	15.33	31.931	
3,100.00	3,081.55	3,059.19	3,034.45	7.70	8.05	-119.64	-348.43	-265.58	504.63	488.92	15.70	32.137	
3,200.00	3,180.84	3,158.03	3,132.32	7.90	8.27	-119.63	-357.84	-275.61	519.85	503.76	16.10	32.297	
3,300.00	3,280.14	3,256.86	3,230.19	8.11	8.50	-119.63	-367.26	-285.63	535.08	518.57	16.51	32.417	
3,400.00	3,379.44	3,355.70	3,328.07	8.33	8.74	-119.63	-376.68	-295.66	550.31	533.37	16.93	32.502	
3,500.00	3,478.73	3,454.53	3,425.94	8.55	8.99	-119.62	-386.09	-305.69	565.53	548.16	17.37	32.557	
3,600.00	3,578.03	3,553.36	3,523.81	8.79	9.24	-119.62	-395.51	-315.71	580.76	562.94	17.82	32.584	
3,700.00	3,677.33	3,652.20	3,621.68	9.02	9.50	-119.62	-404.92	-325.74	595.99	577.70	18.29	32.589	
3,800.00	3,776.62	3,751.03	3,719.56	9.26	9.77	-119.61	-414.34	-335.77	611.21	592.45	18.76	32.574	
3,900.00	3,875.92	3,849.87	3,817.43	9.51	10.04	-119.61	-423.76	-345.79	626.44	607.19	19.25	32.543	
4,000.00	3,975.21	3,948.70	3,915.30	9.77	10.32	-119.61	-433.17	-355.82	641.67	621.92	19.75	32.497	
4,100.00	4,074.51	4,047.53	4,013.17	10.02	10.60	-119.61	-442.59	-365.85	656.89	636.64	20.25	32.440	
4,200.00	4,173.81	4,146.37	4,111.04	10.28	10.88	-119.61	-452.00	-375.88	672.12	651.36	20.76	32.373	
4,300.00	4,273.10	4,245.20	4,208.92	10.55	11.17	-119.60	-461.42	-385.90	687.35	666.06	21.28	32.297	
4,400.00	4,372.40	4,344.04	4,306.79	10.82	11.46	-119.60	-470.84	-395.93	702.57	680.76	21.81	32.215	
4,500.00	4,471.70	4,442.87	4,404.66	11.09	11.76	-119.60	-480.25	-405.96	717.80	695.46	22.34	32.127	
4,600.00	4,570.99	4,541.70	4,502.53	11.36	12.06	-119.60	-489.67	-415.98	733.03	710.14	22.88	32.035	
4,700.00	4,670.29	4,640.54	4,600.40	11.64	12.36	-119.60	-499.08	-426.01	748.25	724.82	23.43	31.940	
4,800.00	4,769.59	4,739.37	4,698.28	11.92	12.66	-119.59	-508.50	-436.04	763.48	739.50	23.98	31.842	
4,900.00	4,868.88	4,838.21	4,796.15	12.20	12.97	-119.59	-517.92	-446.06	778.71	754.17	24.53	31.742	
5,000.00	4,968.18	4,937.04	4,894.02	12.48	13.28	-119.59	-527.33	-456.09	793.93	768.84	25.09	31.641	
5,100.00	5,067.48	5,035.87	4,991.89	12.77	13.59	-119.59	-536.75	-466.12	809.16	783.50	25.66	31.539	
5,200.00	5,166.77	5,134.71	5,089.76	13.06	13.91	-119.59	-546.16	-476.15	824.39	798.16	26.22	31.436	
5,300.00	5,266.07	5,233.54	5,187.64	13.35	14.22	-119.59	-555.58	-486.17	839.61	812.82	26.80	31.334	
5,400.00	5,365.37	5,332.38	5,285.51	13.64	14.54	-119.59	-565.00	-496.20	854.84	827.47	27.37	31.232	
5,500.00	5,464.66	5,431.21	5,383.38	13.93	14.86	-119.58	-574.41	-506.23	870.06	842.12	27.95	31.130	
5,600.00	5,563.96	5,530.04	5,481.25	14.23	15.18	-119.58	-583.83	-516.25	885.29	856.76	28.53	31.030	
5,700.00	5,663.26	5,628.88	5,579.13	14.52	15.50	-119.58	-593.24	-526.28	900.52	871.40	29.11	30.930	
5,800.00	5,762.55	5,727.71	5,677.00	14.82	15.82	-119.58	-602.66	-536.31	915.74	886.04	29.70	30.831	
5,900.00	5,861.85	5,826.55	5,774.87	15.12	16.15	-119.58	-612.08	-546.33	930.97	900.68	30.29	30.734	
6,000.00	5,961.15	5,925.38	5,872.74	15.42	16.47	-119.58	-621.49	-556.36	946.20	915.32	30.88	30.638	
6,100.00	6,060.44	6,024.21	5,970.61	15.72	16.80	-119.58	-630.91	-566.39	961.42	929.95	31.48	30.544	
6,200.00	6,159.74	6,123.05	6,068.49	16.02	17.13	-119.58	-640.32	-576.42	976.65	944.58	32.07	30.450	
6,300.00	6,259.04	6,221.88	6,166.36	16.33	17.46	-119.58	-649.74	-586.44	991.88	959.21	32.67	30.359	
6,400.00	6,358.33	6,320.72	6,264.23	16.63	17.79	-119.57	-659.15	-596.47	1,007.10	973.83	33.27	30.269	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,457.63	6,419.55	6,362.10	16.94	18.12	-119.57	-668.57	-606.50	1,022.33	988.46	33.87	30.180	
6,600.00	6,556.93	6,518.38	6,459.97	17.24	18.45	-119.57	-677.99	-616.52	1,037.56	1,003.08	34.48	30.093	
6,700.00	6,655.60	6,617.05	6,557.68	17.58	18.78	-104.20	-687.39	-626.53	1,052.77	1,017.65	35.12	29.978	
6,800.00	6,750.90	6,718.02	6,657.16	18.03	19.14	-97.76	-696.98	-640.41	1,067.83	1,031.91	35.93	29.724	
6,900.00	6,840.42	6,823.21	6,757.32	18.62	19.60	-94.91	-706.76	-670.62	1,082.28	1,045.29	36.99	29.259	
7,000.00	6,921.96	6,931.72	6,853.99	19.38	20.22	-93.26	-716.32	-718.68	1,095.69	1,057.31	38.38	28.548	
7,100.00	6,993.53	7,043.61	6,943.67	20.35	21.01	-92.18	-725.34	-784.75	1,107.66	1,067.47	40.19	27.559	
7,200.00	7,053.34	7,158.75	7,022.46	21.56	22.06	-91.45	-733.44	-868.10	1,117.83	1,075.28	42.55	26.272	
7,300.00	7,099.94	7,276.76	7,086.37	23.05	23.43	-90.94	-740.22	-966.87	1,125.85	1,080.30	45.55	24.717	
7,400.00	7,132.16	7,397.01	7,131.70	24.79	25.19	-90.61	-745.32	-1,077.94	1,131.44	1,082.24	49.21	22.994	
7,500.00	7,149.23	7,518.64	7,155.61	26.74	27.31	-90.41	-748.42	-1,196.96	1,134.40	1,080.96	53.44	21.228	
7,600.00	7,152.13	7,630.87	7,158.87	28.83	29.51	-90.34	-749.51	-1,309.07	1,134.89	1,077.02	57.87	19.612	
7,700.00	7,152.42	7,730.87	7,158.57	31.05	31.63	-90.31	-750.17	-1,409.07	1,134.94	1,072.60	62.33	18.208	
7,800.00	7,152.72	7,830.87	7,158.28	33.39	33.88	-90.28	-750.83	-1,509.06	1,134.99	1,067.96	67.03	16.933	
7,900.00	7,153.01	7,930.87	7,157.98	35.82	36.24	-90.25	-751.49	-1,609.06	1,135.04	1,063.13	71.91	15.785	
8,000.00	7,153.31	8,030.86	7,157.69	38.33	38.68	-90.22	-752.15	-1,709.05	1,135.09	1,058.16	76.93	14.754	
8,100.00	7,153.61	8,130.86	7,157.39	40.90	41.20	-90.19	-752.81	-1,809.05	1,135.14	1,053.06	82.08	13.830	
8,200.00	7,153.90	8,230.86	7,157.10	43.52	43.78	-90.16	-753.47	-1,909.04	1,135.20	1,047.87	87.33	12.999	
8,300.00	7,154.20	8,330.86	7,156.80	46.18	46.40	-90.13	-754.13	-2,009.04	1,135.25	1,042.59	92.65	12.252	
8,400.00	7,154.49	8,430.86	7,156.51	48.87	49.06	-90.10	-754.79	-2,109.04	1,135.30	1,037.25	98.05	11.579	
8,500.00	7,154.79	8,530.86	7,156.21	51.60	51.76	-90.07	-755.46	-2,209.03	1,135.35	1,031.85	103.51	10.969	
8,600.00	7,155.08	8,630.85	7,155.92	54.35	54.49	-90.04	-756.12	-2,309.03	1,135.41	1,026.40	109.01	10.416	
8,700.00	7,155.38	8,730.85	7,155.62	57.12	57.24	-90.01	-756.78	-2,409.02	1,135.46	1,020.90	114.56	9.912	
8,800.00	7,155.67	8,830.85	7,155.33	59.91	60.01	-89.98	-757.44	-2,509.02	1,135.52	1,015.38	120.14	9.452	
8,900.00	7,155.97	8,930.85	7,155.03	62.71	62.80	-89.95	-758.10	-2,609.01	1,135.57	1,009.82	125.75	9.030	
9,000.00	7,156.26	9,030.85	7,154.74	65.53	65.60	-89.92	-758.76	-2,709.01	1,135.62	1,004.23	131.39	8.643	
9,100.00	7,156.56	9,130.84	7,154.44	68.36	68.42	-89.89	-759.42	-2,809.01	1,135.68	998.62	137.06	8.286	
9,200.00	7,156.85	9,230.84	7,154.15	71.20	71.25	-89.86	-760.08	-2,909.00	1,135.73	992.99	142.74	7.956	
9,300.00	7,157.15	9,330.84	7,153.85	74.05	74.09	-89.83	-760.74	-3,009.00	1,135.79	987.34	148.45	7.651	
9,400.00	7,157.44	9,430.84	7,153.56	76.91	76.94	-89.80	-761.41	-3,108.99	1,135.85	981.68	154.17	7.368	
9,500.00	7,157.74	9,530.84	7,153.26	79.78	79.79	-89.77	-762.07	-3,208.99	1,135.90	976.00	159.90	7.104	
9,600.00	7,158.03	9,630.84	7,152.97	82.65	82.66	-89.74	-762.73	-3,308.98	1,135.96	970.31	165.65	6.857	
9,700.00	7,158.33	9,730.83	7,152.67	85.53	85.53	-89.71	-763.39	-3,408.98	1,136.02	964.60	171.41	6.627	
9,800.00	7,158.63	9,830.83	7,152.38	88.41	88.41	-89.68	-764.05	-3,508.97	1,136.07	958.89	177.18	6.412	
9,900.00	7,158.92	9,930.83	7,152.08	91.30	91.29	-89.66	-764.71	-3,608.97	1,136.13	953.17	182.96	6.210	
10,000.00	7,159.22	10,030.83	7,151.79	94.20	94.18	-89.63	-765.37	-3,708.97	1,136.19	947.43	188.75	6.019	
10,100.00	7,159.51	10,130.83	7,151.49	97.10	97.07	-89.60	-766.03	-3,808.96	1,136.25	941.70	194.55	5.840	
10,200.00	7,159.81	10,230.83	7,151.20	100.00	99.97	-89.57	-766.69	-3,908.96	1,136.30	935.95	200.35	5.671	
10,300.00	7,160.10	10,330.82	7,150.90	102.90	102.87	-89.54	-767.35	-4,008.95	1,136.36	930.20	206.17	5.512	
10,400.00	7,160.40	10,430.82	7,150.61	105.81	105.77	-89.51	-768.02	-4,108.95	1,136.42	924.44	211.98	5.361	
10,500.00	7,160.69	10,530.82	7,150.31	108.72	108.68	-89.48	-768.68	-4,208.94	1,136.48	918.68	217.81	5.218	
10,600.00	7,160.99	10,630.82	7,150.02	111.64	111.59	-89.45	-769.34	-4,308.94	1,136.54	912.91	223.63	5.082	
10,700.00	7,161.28	10,730.82	7,149.72	114.55	114.50	-89.42	-770.00	-4,408.94	1,136.60	907.14	229.47	4.953	
10,800.00	7,161.58	10,830.81	7,149.43	117.47	117.42	-89.39	-770.66	-4,508.93	1,136.66	901.36	235.30	4.831	
10,900.00	7,161.87	10,930.81	7,149.13	120.39	120.34	-89.36	-771.32	-4,608.93	1,136.72	895.58	241.14	4.714	
11,000.00	7,162.17	11,030.81	7,148.84	123.31	123.25	-89.33	-771.98	-4,708.92	1,136.78	889.80	246.99	4.603	
11,100.00	7,162.46	11,130.81	7,148.54	126.24	126.18	-89.30	-772.64	-4,808.92	1,136.84	884.01	252.83	4.496	
11,200.00	7,162.76	11,230.81	7,148.25	129.16	129.10	-89.27	-773.30	-4,908.91	1,136.90	878.22	258.69	4.395	
11,300.00	7,163.06	11,330.81	7,147.95	132.09	132.02	-89.24	-773.97	-5,008.91	1,136.97	872.43	264.54	4.298	
11,400.00	7,163.35	11,430.80	7,147.66	135.02	134.95	-89.21	-774.63	-5,108.90	1,137.03	866.63	270.40	4.205	
11,500.00	7,163.65	11,530.80	7,147.36	137.95	137.88	-89.18	-775.29	-5,208.90	1,137.09	860.84	276.25	4.116	
11,600.00	7,163.94	11,630.80	7,147.07	140.88	140.81	-89.15	-775.95	-5,308.90	1,137.15	855.04	282.12	4.031	
11,700.00	7,164.24	11,730.80	7,146.77	143.82	143.74	-89.12	-776.61	-5,408.89	1,137.22	849.24	287.98	3.949	
11,800.00	7,164.53	11,830.80	7,146.48	146.75	146.67	-89.09	-777.27	-5,508.89	1,137.28	843.43	293.85	3.870	
11,900.00	7,164.83	11,930.80	7,146.18	149.69	149.60	-89.06	-777.93	-5,608.88	1,137.34	837.63	299.71	3.795	
12,000.00	7,165.12	12,030.79	7,145.89	152.62	152.54	-89.03	-778.59	-5,708.88	1,137.41	831.82	305.58	3.722	
12,100.00	7,165.42	12,130.79	7,145.59	155.56	155.47	-89.00	-779.25	-5,808.87	1,137.47	826.02	311.45	3.652	
12,200.00	7,165.71	12,230.79	7,145.30	158.50	158.41	-88.97	-779.92	-5,908.87	1,137.54	820.21	317.33	3.585	
12,300.00	7,166.01	12,330.79	7,145.00	161.44	161.35	-88.94	-780.58	-6,008.87	1,137.60	814.40	323.20	3.520	
12,400.00	7,166.30	12,430.79	7,144.71	164.38	164.29	-88.91	-781.24	-6,108.86	1,137.67	808.59	329.08	3.457	
12,500.00	7,166.60	12,530.79	7,144.41	167.32	167.22	-88.88	-781.90	-6,208.86	1,137.73	802.78	334.95	3.397	
12,600.00	7,166.89	12,630.78	7,144.12	170.26	170.16	-88.85	-782.56	-6,308.85	1,137.80	796.96	340.83	3.338	
12,700.00	7,167.19	12,730.78	7,143.82	173.20	173.10	-88.82	-783.22	-6,408.85	1,137.86	791.15	346.71	3.282	
12,800.00	7,167.49	12,830.78	7,143.53	176.14	176.05	-88.79	-783.88	-6,508.84	1,137.93	785.34	352.59	3.227	
12,900.00	7,167.78	12,930.78	7,143.23	179.09	178.99	-88.76	-784						

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,168.37	13,130.77	7,142.64	184.97	184.87	-88.70	-785.87	-6,808.83	1,138.13	767.89	370.24	3.074	
13,200.00	7,168.67	13,230.77	7,142.34	187.92	187.82	-88.67	-786.53	-6,908.83	1,138.20	762.07	376.12	3.026	
13,300.00	7,168.96	13,330.77	7,142.05	190.86	190.76	-88.65	-787.19	-7,008.82	1,138.27	756.26	382.01	2.980	
13,400.00	7,169.26	13,430.77	7,141.75	193.81	193.71	-88.62	-787.85	-7,108.82	1,138.33	750.44	387.89	2.935	
13,500.00	7,169.55	13,530.77	7,141.46	196.76	196.65	-88.59	-788.51	-7,208.81	1,138.40	744.62	393.78	2.891	
13,600.00	7,169.85	13,630.77	7,141.16	199.70	199.60	-88.56	-789.17	-7,308.81	1,138.47	738.80	399.67	2.849	
13,700.00	7,170.14	13,730.76	7,140.87	202.65	202.54	-88.53	-789.83	-7,408.80	1,138.54	732.98	405.56	2.807	
13,800.00	7,170.44	13,830.76	7,140.57	205.60	205.49	-88.50	-790.49	-7,508.80	1,138.61	727.17	411.44	2.767	
13,900.00	7,170.73	13,930.76	7,140.28	208.55	208.44	-88.47	-791.15	-7,608.80	1,138.68	721.35	417.33	2.728	
14,000.00	7,171.03	14,030.76	7,139.98	211.49	211.38	-88.44	-791.82	-7,708.79	1,138.75	715.53	423.22	2.691	
14,100.00	7,171.32	14,130.76	7,139.69	214.44	214.33	-88.41	-792.48	-7,808.79	1,138.82	709.71	429.11	2.654	
14,200.00	7,171.62	14,230.76	7,139.39	217.39	217.28	-88.38	-793.14	-7,908.78	1,138.89	703.89	435.00	2.618	
14,300.00	7,171.92	14,330.75	7,139.10	220.34	220.23	-88.35	-793.80	-8,008.78	1,138.96	698.07	440.89	2.583	
14,400.00	7,172.21	14,430.75	7,138.80	223.29	223.18	-88.32	-794.46	-8,108.77	1,139.03	692.25	446.78	2.549	
14,500.00	7,172.51	14,530.75	7,138.51	226.24	226.13	-88.29	-795.12	-8,208.77	1,139.10	686.43	452.67	2.516	
14,600.00	7,172.80	14,630.75	7,138.21	229.19	229.07	-88.26	-795.78	-8,308.76	1,139.17	680.61	458.56	2.484	
14,700.00	7,173.10	14,730.75	7,137.92	232.14	232.02	-88.23	-796.44	-8,408.76	1,139.25	674.79	464.45	2.453	
14,800.00	7,173.39	14,830.74	7,137.62	235.09	234.97	-88.20	-797.10	-8,508.76	1,139.32	668.97	470.35	2.422	
14,900.00	7,173.69	14,930.74	7,137.33	238.05	237.92	-88.17	-797.77	-8,608.75	1,139.39	663.15	476.24	2.392	
15,000.00	7,173.98	15,030.74	7,137.03	241.00	240.88	-88.14	-798.43	-8,708.75	1,139.46	657.33	482.13	2.363	
15,100.00	7,174.28	15,130.74	7,136.74	243.95	243.83	-88.11	-799.09	-8,808.74	1,139.54	651.52	488.02	2.335	
15,200.00	7,174.57	15,230.74	7,136.44	246.90	246.78	-88.08	-799.75	-8,908.74	1,139.61	645.70	493.92	2.307	
15,300.00	7,174.87	15,330.74	7,136.15	249.85	249.73	-88.05	-800.41	-9,008.73	1,139.69	639.88	499.81	2.280	
15,400.00	7,175.16	15,430.73	7,135.85	252.80	252.68	-88.02	-801.07	-9,108.73	1,139.76	634.06	505.70	2.254	
15,500.00	7,175.46	15,530.73	7,135.56	255.76	255.63	-87.99	-801.73	-9,208.73	1,139.83	628.24	511.59	2.228	
15,600.00	7,175.75	15,630.73	7,135.26	258.71	258.58	-87.96	-802.39	-9,308.72	1,139.91	622.42	517.49	2.203	
15,700.00	7,176.05	15,730.73	7,134.97	261.66	261.54	-87.93	-803.05	-9,408.72	1,139.98	616.61	523.38	2.178	
15,800.00	7,176.35	15,830.73	7,134.67	264.62	264.49	-87.91	-803.72	-9,508.71	1,140.06	610.79	529.27	2.154	
15,900.00	7,176.64	15,930.73	7,134.38	267.57	267.44	-87.88	-804.38	-9,608.71	1,140.14	604.97	535.16	2.130	
16,000.00	7,176.94	16,030.72	7,134.08	270.52	270.39	-87.85	-805.04	-9,708.70	1,140.21	599.15	541.06	2.107	
16,100.00	7,177.23	16,130.72	7,133.79	273.48	273.35	-87.82	-805.70	-9,808.70	1,140.29	593.34	546.95	2.085	
16,200.00	7,177.53	16,230.72	7,133.49	276.43	276.30	-87.79	-806.36	-9,908.69	1,140.36	587.52	552.84	2.063	
16,300.00	7,177.82	16,330.72	7,133.20	279.38	279.25	-87.76	-807.02	-10,008.69	1,140.44	581.71	558.74	2.041	
16,400.00	7,178.12	16,430.72	7,132.90	282.34	282.21	-87.73	-807.68	-10,108.69	1,140.52	575.89	564.63	2.020	
16,500.00	7,178.41	16,530.71	7,132.61	285.29	285.16	-87.70	-808.34	-10,208.68	1,140.60	570.08	570.52	1.999	
16,600.00	7,178.71	16,630.71	7,132.31	288.25	288.12	-87.67	-809.00	-10,308.68	1,140.67	564.26	576.41	1.979	
16,700.00	7,179.00	16,730.71	7,132.02	291.20	291.07	-87.64	-809.66	-10,408.67	1,140.75	558.45	582.31	1.959	
16,800.00	7,179.30	16,830.71	7,131.72	294.16	294.02	-87.61	-810.33	-10,508.67	1,140.83	552.63	588.20	1.940	
16,900.00	7,179.59	16,930.71	7,131.43	297.11	296.98	-87.58	-810.99	-10,608.66	1,140.91	546.82	594.09	1.920	
17,000.00	7,179.89	17,030.71	7,131.13	300.07	299.93	-87.55	-811.65	-10,708.66	1,140.99	541.01	599.98	1.902	
17,100.00	7,180.18	17,130.70	7,130.84	303.02	302.89	-87.52	-812.31	-10,808.66	1,141.07	535.19	605.87	1.883	
17,200.00	7,180.48	17,230.70	7,130.54	305.98	305.84	-87.49	-812.97	-10,908.65	1,141.15	529.38	611.77	1.865	
17,300.00	7,180.78	17,330.70	7,130.25	308.93	308.80	-87.46	-813.63	-11,008.65	1,141.23	523.57	617.66	1.848	
17,376.19	7,181.00	17,406.89	7,130.02	311.18	311.05	-87.44	-814.14	-11,084.84	1,141.29	519.14	622.15	1.834 SF	

Offset Design5N-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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.40	-79.79	-0.84	79.80				
100.00	100.00	100.00	100.00	3.28	3.28	-179.40	-79.79	-0.84	79.80	72.27	7.53	10.601	
200.00	200.00	200.00	200.00	3.30	3.30	-179.40	-79.79	-0.84	79.80	72.23	7.57	10.543	
200.00	200.00	200.00	200.00	3.30	3.30	-179.40	-79.79	-0.84	79.80	72.23	7.57	10.543	CC, ES
300.00	300.00	299.26	299.25	3.35	3.34	-118.41	-80.02	-1.19	80.24	72.59	7.65	10.486	
400.00	399.93	397.68	397.62	3.41	3.40	-118.46	-81.81	-4.06	83.75	75.98	7.77	10.779	
500.00	499.68	495.83	495.53	3.50	3.48	-118.55	-85.38	-9.77	90.76	82.83	7.93	11.439	
600.00	599.13	593.54	592.72	3.61	3.58	-118.66	-90.70	-18.28	101.24	93.09	8.15	12.420	
700.00	698.43	707.64	690.75	3.75	3.74	-118.50	-97.31	-28.86	113.65	105.21	8.44	13.466	
800.00	797.73	791.58	789.16	3.91	3.88	-118.34	-103.99	-39.56	126.10	117.37	8.73	14.445	
900.00	897.02	909.20	887.58	4.09	4.10	-118.21	-110.67	-50.25	138.56	129.44	9.12	15.200	
1,000.00	996.32	1,009.98	986.00	4.29	4.31	-118.09	-117.35	-60.94	151.01	141.50	9.51	15.881	
1,100.00	1,095.61	1,089.25	1,084.42	4.50	4.49	-118.00	-124.03	-71.63	163.47	153.58	9.88	16.537	
1,200.00	1,194.91	1,188.47	1,182.83	4.73	4.73	-117.92	-130.71	-82.32	175.92	165.59	10.33	17.034	
1,300.00	1,294.21	1,287.69	1,281.25	4.97	4.98	-117.85	-137.39	-93.01	188.38	177.58	10.79	17.453	
1,400.00	1,393.50	1,386.91	1,379.67	5.22	5.24	-117.79	-144.07	-103.71	200.83	189.55	11.28	17.806	
1,500.00	1,492.80	1,486.13	1,478.08	5.47	5.50	-117.73	-150.76	-114.40	213.29	201.51	11.78	18.105	
1,600.00	1,592.10	1,585.35	1,576.50	5.74	5.78	-117.68	-157.44	-125.09	225.74	213.44	12.30	18.357	
1,700.00	1,691.39	1,684.57	1,674.92	6.01	6.06	-117.64	-164.12	-135.78	238.20	225.37	12.83	18.570	
1,800.00	1,790.69	1,783.79	1,773.33	6.15	6.24	-117.60	-170.80	-146.47	250.65	237.90	12.75	19.656	
1,900.00	1,889.99	1,883.01	1,871.75	6.18	6.29	-117.57	-177.48	-157.16	263.11	250.28	12.82	20.516	
2,000.00	1,989.28	1,982.24	1,970.17	6.23	6.34	-117.53	-184.16	-167.86	275.57	262.66	12.91	21.345	
2,100.00	2,088.58	2,081.46	2,068.58	6.29	6.40	-117.51	-190.84	-178.55	288.02	274.99	13.03	22.107	
2,200.00	2,187.88	2,180.68	2,167.00	6.37	6.48	-117.48	-197.52	-189.24	300.48	287.30	13.18	22.800	
2,300.00	2,287.17	2,279.90	2,265.42	6.46	6.58	-117.45	-204.20	-199.93	312.93	299.57	13.36	23.423	
2,400.00	2,386.47	2,379.12	2,363.83	6.57	6.70	-117.43	-210.88	-210.62	325.39	311.82	13.57	23.976	
2,500.00	2,485.77	2,478.34	2,462.25	6.70	6.83	-117.41	-217.56	-221.32	337.85	324.04	13.81	24.462	
2,600.00	2,585.06	2,577.56	2,560.67	6.84	6.98	-117.39	-224.25	-232.01	350.30	336.23	14.08	24.884	
2,700.00	2,684.36	2,676.78	2,659.08	6.99	7.13	-117.37	-230.93	-242.70	362.76	348.39	14.37	25.246	
2,800.00	2,783.66	2,776.00	2,757.50	7.15	7.31	-117.35	-237.61	-253.39	375.22	360.53	14.68	25.552	
2,900.00	2,882.95	2,875.23	2,858.92	7.32	7.49	-117.34	-244.29	-264.08	387.67	372.65	15.02	25.808	
3,000.00	2,982.25	2,974.45	2,954.34	7.51	7.68	-117.32	-250.97	-274.77	400.13	384.75	15.38	26.017	
3,100.00	3,081.55	3,073.67	3,052.75	7.70	7.89	-117.31	-257.65	-285.47	412.59	396.83	15.76	26.184	
3,200.00	3,180.84	3,172.89	3,151.17	7.90	8.10	-117.30	-264.33	-296.16	425.04	408.89	16.15	26.315	
3,300.00	3,280.14	3,272.11	3,249.59	8.11	8.32	-117.28	-271.01	-306.85	437.50	420.93	16.56	26.413	
3,400.00	3,379.44	3,371.33	3,348.00	8.33	8.55	-117.27	-277.69	-317.54	449.95	432.96	16.99	26.483	
3,500.00	3,478.73	3,470.55	3,446.42	8.55	8.79	-117.26	-284.37	-328.23	462.41	444.98	17.43	26.528	
3,600.00	3,578.03	3,569.77	3,544.84	8.79	9.03	-117.25	-291.06	-338.92	474.87	456.98	17.89	26.551	
3,700.00	3,677.33	3,668.99	3,643.25	9.02	9.28	-117.24	-297.74	-349.62	487.32	468.97	18.35	26.556	
3,800.00	3,776.62	3,768.22	3,741.67	9.26	9.54	-117.23	-304.42	-360.31	499.78	480.95	18.83	26.545	
3,900.00	3,875.92	3,867.44	3,840.09	9.51	9.80	-117.22	-311.10	-371.00	512.24	492.92	19.31	26.520	
4,000.00	3,975.21	3,966.66	3,938.50	9.77	10.07	-117.21	-317.78	-381.69	524.69	504.88	19.81	26.484	
4,100.00	4,074.51	4,065.88	4,036.92	10.02	10.34	-117.20	-324.46	-392.38	537.15	516.83	20.32	26.438	
4,200.00	4,173.81	4,165.10	4,135.34	10.28	10.61	-117.20	-331.14	-403.08	549.61	528.78	20.83	26.385	
4,300.00	4,273.10	4,264.32	4,233.75	10.55	10.89	-117.19	-337.82	-413.77	562.06	540.71	21.35	26.324	
4,400.00	4,372.40	4,363.54	4,332.17	10.82	11.17	-117.18	-344.50	-424.46	574.52	552.64	21.88	26.258	
4,500.00	4,471.70	4,462.76	4,430.59	11.09	11.46	-117.18	-351.18	-435.15	586.98	564.56	22.41	26.188	
4,600.00	4,570.99	4,561.98	4,529.00	11.36	11.75	-117.17	-357.86	-445.84	599.44	576.48	22.95	26.114	
4,700.00	4,670.29	4,661.21	4,627.42	11.64	12.04	-117.16	-364.55	-456.53	611.89	588.39	23.50	26.038	
4,800.00	4,769.59	4,760.43	4,725.84	11.92	12.33	-117.16	-371.23	-467.23	624.35	600.30	24.05	25.959	
4,900.00	4,868.88	4,859.65	4,824.26	12.20	12.63	-117.15	-377.91	-477.92	636.81	612.20	24.61	25.879	
5,000.00	4,968.18	4,958.87	4,922.67	12.48	12.93	-117.14	-384.59	-488.61	649.26	624.09	25.17	25.797	
5,100.00	5,067.48	5,058.09	5,021.09	12.77	13.23	-117.14	-391.27	-499.30	661.72	635.99	25.73	25.715	
5,200.00	5,166.77	5,157.31	5,119.51	13.06	13.53	-117.13	-397.95	-509.99	674.18	647.87	26.30	25.633	
5,300.00	5,266.07	5,256.53	5,217.92	13.35	13.84	-117.13	-404.63	-520.68	686.63	659.76	26.87	25.551	
5,400.00	5,365.37	5,355.75	5,316.34	13.64	14.14	-117.12	-411.31	-531.38	699.09	671.64	27.45	25.468	
5,500.00	5,464.66	5,454.97	5,414.76	13.93	14.45	-117.12	-417.99	-542.07	711.55	683.52	28.03	25.387	
5,600.00	5,563.96	5,554.20	5,513.17	14.23	14.76	-117.11	-424.67	-552.76	724.00	695.39	28.61	25.306	
5,700.00	5,663.26	5,653.42	5,611.59	14.52	15.07	-117.11	-431.36	-563.45	736.46	707.26	29.20	25.225	
5,800.00	5,762.55	5,752.64	5,710.01	14.82	15.39	-117.11	-438.04	-574.14	748.92	719.13	29.78	25.146	
5,900.00	5,861.85	5,851.86	5,808.42	15.12	15.70	-117.10	-444.72	-584.84	761.37	731.00	30.37	25.068	
6,000.00	5,961.15	5,951.08	5,906.84	15.42	16.01	-117.10	-451.40	-595.53	773.83	742.86	30.97	24.990	
6,100.00	6,060.44	6,050.30	6,005.26	15.72	16.33	-117.09	-458.08	-606.22	786.29	754.73	31.56	24.914	
6,200.00	6,159.74	6,149.52	6,103.67	16.02	16.65	-117.09	-464.76	-616.91	798.74	766.59	32.16	24.839	
6,300.00	6,259.04	6,248.74	6,202.09	16.33	16.96	-117.09	-471.44	-627.60	811.20	778.44	32.76	24.765	
6,400.00	6,358.33	6,346.96	6,299.43	16.63	17.28	-117.04	-478.05	-638.81	823.68	790.32	33.35	24.694	

Offset Design5N-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
6,500.00	6,457.63	6,441.24	6,391.01	16.94	17.66	-116.27	-484.31	-659.96	836.54	802.55	33.99	24.610	
6,600.00	6,556.93	6,530.31	6,473.78	17.24	18.12	-114.70	-490.02	-692.19	850.46	815.79	34.68	24.526	
6,700.00	6,655.60	6,613.06	6,545.95	17.58	18.64	-97.17	-495.04	-732.23	865.95	830.53	35.42	24.449	
6,800.00	6,750.90	6,692.85	6,610.08	18.03	19.25	-88.15	-499.54	-779.40	881.91	845.56	36.35	24.264	
6,900.00	6,840.42	6,770.42	6,666.30	18.62	19.96	-82.91	-503.53	-832.62	897.58	860.07	37.51	23.930	
7,000.00	6,921.96	6,846.24	6,714.63	19.38	20.78	-79.16	-507.01	-890.88	912.32	873.39	38.93	23.435	
7,100.00	6,993.53	6,920.69	6,755.02	20.35	21.74	-76.31	-509.97	-953.30	925.55	884.87	40.68	22.751	
7,200.00	7,053.34	6,994.10	6,787.47	21.56	22.82	-74.13	-512.41	-1,019.06	936.78	894.00	42.78	21.895	
7,300.00	7,099.94	7,066.73	6,811.93	23.05	24.03	-72.54	-514.32	-1,087.38	945.61	900.33	45.28	20.885	
7,400.00	7,132.16	7,138.82	6,828.38	24.79	25.36	-71.47	-515.69	-1,157.51	951.74	903.60	48.13	19.773	
7,500.00	7,149.23	7,210.57	6,836.80	26.74	26.78	-70.91	-516.52	-1,228.72	954.95	903.65	51.30	18.615	
7,600.00	7,152.13	7,304.75	6,838.04	28.83	28.75	-70.81	-516.93	-1,313.37	955.37	900.20	55.17	17.316	
7,700.00	7,152.42	7,404.75	6,838.12	31.05	30.98	-70.79	-517.31	-1,413.37	955.23	895.81	59.42	16.075	
7,800.00	7,152.72	7,504.75	6,838.20	33.39	33.32	-70.77	-517.69	-1,513.37	955.09	891.20	63.89	14.950	
7,900.00	7,153.01	7,604.75	6,838.28	35.82	35.77	-70.76	-518.07	-1,613.37	954.94	886.42	68.52	13.937	
8,000.00	7,153.31	7,704.75	6,838.37	38.33	38.29	-70.74	-518.45	-1,713.37	954.80	881.51	73.29	13.028	
8,100.00	7,153.61	7,804.76	6,838.45	40.90	40.87	-70.72	-518.83	-1,813.37	954.66	876.49	78.17	12.212	
8,200.00	7,153.90	7,904.76	6,838.53	43.52	43.50	-70.71	-519.21	-1,913.37	954.51	871.37	83.15	11.480	
8,300.00	7,154.20	8,004.76	6,838.61	46.18	46.17	-70.69	-519.59	-2,013.37	954.37	866.17	88.20	10.821	
8,400.00	7,154.49	8,104.76	6,838.69	48.87	48.87	-70.67	-519.97	-2,113.36	954.23	860.92	93.31	10.226	
8,500.00	7,154.79	8,204.76	6,838.77	51.60	51.61	-70.66	-520.35	-2,213.36	954.09	855.61	98.48	9.688	
8,600.00	7,155.08	8,304.76	6,838.85	54.35	54.37	-70.64	-520.73	-2,313.36	953.94	850.25	103.69	9.200	
8,700.00	7,155.38	8,404.76	6,838.94	57.12	57.14	-70.62	-521.11	-2,413.36	953.80	844.86	108.94	8.755	
8,800.00	7,155.67	8,504.76	6,839.02	59.91	59.94	-70.61	-521.49	-2,513.36	953.66	839.43	114.22	8.349	
8,900.00	7,155.97	8,604.76	6,839.10	62.71	62.75	-70.59	-521.87	-2,613.36	953.51	833.98	119.54	7.977	
9,000.00	7,156.26	8,704.76	6,839.18	65.53	65.58	-70.57	-522.25	-2,713.36	953.37	828.50	124.87	7.635	
9,100.00	7,156.56	8,804.76	6,839.26	68.36	68.42	-70.56	-522.64	-2,813.36	953.23	823.00	130.23	7.320	
9,200.00	7,156.85	8,904.76	6,839.34	71.20	71.26	-70.54	-523.02	-2,913.35	953.09	817.48	135.61	7.028	
9,300.00	7,157.15	9,004.76	6,839.42	74.05	74.12	-70.52	-523.40	-3,013.35	952.95	811.95	141.00	6.759	
9,400.00	7,157.44	9,104.76	6,839.51	76.91	76.99	-70.51	-523.78	-3,113.35	952.80	806.40	146.41	6.508	
9,500.00	7,157.74	9,204.76	6,839.59	79.78	79.86	-70.49	-524.16	-3,213.35	952.66	800.83	151.83	6.275	
9,600.00	7,158.03	9,304.76	6,839.67	82.65	82.74	-70.47	-524.54	-3,313.35	952.52	795.26	157.26	6.057	
9,700.00	7,158.33	9,404.76	6,839.75	85.53	85.62	-70.46	-524.92	-3,413.35	952.38	789.68	162.70	5.854	
9,800.00	7,158.63	9,504.76	6,839.83	88.41	88.51	-70.44	-525.30	-3,513.35	952.24	784.08	168.15	5.663	
9,900.00	7,158.92	9,604.76	6,839.91	91.30	91.40	-70.42	-525.68	-3,613.35	952.09	778.48	173.61	5.484	
10,000.00	7,159.22	9,704.76	6,839.99	94.20	94.30	-70.41	-526.06	-3,713.34	951.95	772.88	179.08	5.316	
10,100.00	7,159.51	9,804.77	6,840.08	97.10	97.21	-70.39	-526.44	-3,813.34	951.81	767.26	184.55	5.157	
10,200.00	7,159.81	9,904.77	6,840.16	100.00	100.11	-70.37	-526.82	-3,913.34	951.67	761.64	190.03	5.008	
10,300.00	7,160.10	10,004.77	6,840.24	102.90	103.02	-70.36	-527.20	-4,013.34	951.53	756.02	195.51	4.867	
10,400.00	7,160.40	10,104.77	6,840.32	105.81	105.93	-70.34	-527.58	-4,113.34	951.39	750.39	201.00	4.733	
10,500.00	7,160.69	10,204.77	6,840.40	108.72	108.85	-70.32	-527.96	-4,213.34	951.25	744.75	206.49	4.607	
10,600.00	7,160.99	10,304.77	6,840.48	111.64	111.76	-70.31	-528.35	-4,313.34	951.11	739.11	211.99	4.487	
10,700.00	7,161.28	10,404.77	6,840.56	114.55	114.68	-70.29	-528.73	-4,413.34	950.96	733.47	217.49	4.372	
10,800.00	7,161.58	10,504.77	6,840.64	117.47	117.61	-70.27	-529.11	-4,513.33	950.82	727.83	222.99	4.264	
10,900.00	7,161.87	10,604.77	6,840.73	120.39	120.53	-70.26	-529.49	-4,613.33	950.68	722.18	228.50	4.161	
11,000.00	7,162.17	10,704.77	6,840.81	123.31	123.45	-70.24	-529.87	-4,713.33	950.54	716.53	234.01	4.062	
11,100.00	7,162.46	10,804.77	6,840.89	126.24	126.38	-70.22	-530.25	-4,813.33	950.40	710.88	239.52	3.968	
11,200.00	7,162.76	10,904.77	6,840.97	129.16	129.31	-70.21	-530.63	-4,913.33	950.26	705.23	245.03	3.878	
11,300.00	7,163.06	11,004.77	6,841.05	132.09	132.24	-70.19	-531.01	-5,013.33	950.12	699.57	250.55	3.792	
11,400.00	7,163.35	11,104.77	6,841.13	135.02	135.17	-70.17	-531.39	-5,113.33	949.98	693.91	256.06	3.710	
11,500.00	7,163.65	11,204.77	6,841.21	137.95	138.11	-70.16	-531.77	-5,213.33	949.84	688.26	261.58	3.631	
11,600.00	7,163.94	11,304.77	6,841.30	140.88	141.04	-70.14	-532.15	-5,313.32	949.70	682.60	267.10	3.556	
11,700.00	7,164.24	11,404.77	6,841.38	143.82	143.98	-70.12	-532.53	-5,413.32	949.56	676.94	272.62	3.483	
11,800.00	7,164.53	11,504.77	6,841.46	146.75	146.91	-70.11	-532.91	-5,513.32	949.42	671.27	278.14	3.413	
11,900.00	7,164.83	11,604.77	6,841.54	149.69	149.85	-70.09	-533.29	-5,613.32	949.28	665.61	283.67	3.346	
12,000.00	7,165.12	11,704.77	6,841.62	152.62	152.79	-70.07	-533.67	-5,713.32	949.14	659.95	289.19	3.282	
12,100.00	7,165.42	11,804.77	6,841.70	155.56	155.73	-70.05	-534.06	-5,813.32	949.00	654.29	294.71	3.220	
12,200.00	7,165.71	11,904.78	6,841.78	158.50	158.67	-70.04	-534.44	-5,913.32	948.86	648.62	300.24	3.160	
12,300.00	7,166.01	12,004.78	6,841.87	161.44	161.61	-70.02	-534.82	-6,013.32	948.72	642.96	305.76	3.103	
12,400.00	7,166.30	12,104.78	6,841.95	164.38	164.55	-70.00	-535.20	-6,113.32	948.58	637.29	311.29	3.047	
12,500.00	7,166.60	12,204.78	6,842.03	167.32	167.49	-69.99	-535.58	-6,213.31	948.44	631.63	316.81	2.994	
12,600.00	7,166.89	12,304.78	6,842.11	170.26	170.44	-69.97	-535.96	-6,313.31	948.30	625.96	322.34	2.942	
12,700.00	7,167.19	12,404.78	6,842.19	173.20	173.38	-69.95	-536.34	-6,413.31	948.16	620.30	327.86	2.892	
12,800.00	7,167.49	12,504.78	6,842.27	176.14	176.32	-69.94	-536.72	-6,513.31	948.02	614.63	333.39	2.844	
12,900.00	7,167.78	12,604.78	6,842.35	179.09	179.27	-69.92	-537.10	-6,613.31	947.88	608.97	338.92	2.797	
13,000.00	7,168.08	12,704.78	6,842.44	182.03	182.22	-69.90	-537.48	-6,713.31	947.74	603.30	344.44	2.752	

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						
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
13,100.00	7,168.37	12,804.78	6,842.52	184.97	185.16	-69.89	-537.86	-6,813.31	947.60	597.64	349.97	2.708	
13,200.00	7,168.67	12,904.78	6,842.60	187.92	188.11	-69.87	-538.24	-6,913.31	947.46	591.97	355.49	2.665	
13,300.00	7,168.96	13,004.78	6,842.68	190.86	191.06	-69.85	-538.62	-7,013.30	947.33	586.31	361.02	2.624	
13,400.00	7,169.26	13,104.78	6,842.76	193.81	194.00	-69.84	-539.00	-7,113.30	947.19	580.64	366.55	2.584	
13,500.00	7,169.55	13,204.78	6,842.84	196.76	196.95	-69.82	-539.38	-7,213.30	947.05	574.98	372.07	2.545	
13,600.00	7,169.85	13,304.78	6,842.92	199.70	199.90	-69.80	-539.77	-7,313.30	946.91	569.31	377.60	2.508	
13,700.00	7,170.14	13,404.78	6,843.01	202.65	202.85	-69.79	-540.15	-7,413.30	946.77	563.65	383.12	2.471	
13,800.00	7,170.44	13,504.78	6,843.09	205.60	205.80	-69.77	-540.53	-7,513.30	946.63	557.99	388.64	2.436	
13,900.00	7,170.73	13,604.78	6,843.17	208.55	208.75	-69.75	-540.91	-7,613.30	946.49	552.33	394.17	2.401	
14,000.00	7,171.03	13,704.78	6,843.25	211.49	211.70	-69.73	-541.29	-7,713.30	946.36	546.66	399.69	2.368	
14,100.00	7,171.32	13,795.22	6,843.33	214.44	214.36	-69.72	-541.67	-7,813.29	946.22	541.27	404.95	2.337	
14,200.00	7,171.62	13,904.79	6,843.41	217.39	217.60	-69.70	-542.05	-7,913.29	946.08	535.34	410.74	2.303	
14,300.00	7,171.92	14,004.79	6,843.49	220.34	220.55	-69.68	-542.43	-8,013.29	945.94	529.68	416.26	2.272	
14,400.00	7,172.21	14,104.79	6,843.58	223.29	223.50	-69.67	-542.81	-8,113.29	945.80	524.02	421.78	2.242	
14,500.00	7,172.51	14,204.79	6,843.66	226.24	226.45	-69.65	-543.19	-8,213.29	945.67	518.37	427.30	2.213	
14,600.00	7,172.80	14,304.79	6,843.74	229.19	229.40	-69.63	-543.57	-8,313.29	945.53	512.71	432.82	2.185	
14,700.00	7,173.10	14,395.21	6,843.82	232.14	232.07	-69.62	-543.95	-8,413.29	945.39	507.32	438.07	2.158	
14,800.00	7,173.39	14,504.79	6,843.90	235.09	235.31	-69.60	-544.33	-8,513.29	945.25	501.39	443.86	2.130	
14,900.00	7,173.69	14,604.79	6,843.98	238.05	238.26	-69.58	-544.71	-8,613.28	945.11	495.74	449.38	2.103	
15,000.00	7,173.98	14,704.79	6,844.06	241.00	241.21	-69.57	-545.09	-8,713.28	944.98	490.08	454.89	2.077	
15,100.00	7,174.28	14,804.79	6,844.14	243.95	244.17	-69.55	-545.48	-8,813.28	944.84	484.43	460.41	2.052	
15,200.00	7,174.57	14,904.79	6,844.23	246.90	247.12	-69.53	-545.86	-8,913.28	944.70	478.78	465.93	2.028	
15,300.00	7,174.87	15,004.79	6,844.31	249.85	250.07	-69.51	-546.24	-9,013.28	944.56	473.12	471.44	2.004	
15,400.00	7,175.16	15,104.79	6,844.39	252.80	253.03	-69.50	-546.62	-9,113.28	944.43	467.47	476.96	1.980	
15,500.00	7,175.46	15,204.79	6,844.47	255.76	255.98	-69.48	-547.00	-9,213.28	944.29	461.82	482.47	1.957	
15,600.00	7,175.75	15,304.79	6,844.55	258.71	258.93	-69.46	-547.38	-9,313.28	944.15	456.17	487.98	1.935	
15,700.00	7,176.05	15,404.79	6,844.63	261.66	261.89	-69.45	-547.76	-9,413.27	944.02	450.52	493.49	1.913	
15,800.00	7,176.35	15,504.79	6,844.71	264.62	264.84	-69.43	-548.14	-9,513.27	943.88	444.87	499.00	1.892	
15,900.00	7,176.64	15,604.79	6,844.80	267.57	267.80	-69.41	-548.52	-9,613.27	943.74	439.23	504.52	1.871	
16,000.00	7,176.94	15,704.79	6,844.88	270.52	270.75	-69.40	-548.90	-9,713.27	943.61	433.58	510.02	1.850	
16,100.00	7,177.23	15,804.79	6,844.96	273.48	273.71	-69.38	-549.28	-9,813.27	943.47	427.94	515.53	1.830	
16,200.00	7,177.53	15,904.79	6,845.04	276.43	276.66	-69.36	-549.66	-9,913.27	943.33	422.29	521.04	1.810	
16,300.00	7,177.82	16,004.80	6,845.12	279.38	279.62	-69.34	-550.04	-10,013.27	943.20	416.65	526.55	1.791	
16,400.00	7,178.12	16,104.80	6,845.20	282.34	282.57	-69.33	-550.42	-10,113.27	943.06	411.01	532.05	1.772	
16,500.00	7,178.41	16,204.80	6,845.28	285.29	285.53	-69.31	-550.80	-10,213.26	942.92	405.36	537.56	1.754	
16,600.00	7,178.71	16,304.80	6,845.37	288.25	288.48	-69.29	-551.19	-10,313.26	942.79	399.72	543.06	1.736	
16,700.00	7,179.00	16,404.80	6,845.45	291.20	291.44	-69.28	-551.57	-10,413.26	942.65	394.08	548.57	1.718	
16,800.00	7,179.30	16,495.20	6,845.53	294.16	294.11	-69.26	-551.95	-10,513.26	942.52	388.71	553.80	1.702	
16,900.00	7,179.59	16,595.20	6,845.61	297.11	297.07	-69.24	-552.33	-10,613.26	942.38	383.08	559.30	1.685	
17,000.00	7,179.89	16,704.80	6,845.69	300.07	300.31	-69.23	-552.71	-10,713.26	942.24	377.17	565.07	1.667	
17,100.00	7,180.18	16,804.80	6,845.77	303.02	303.26	-69.21	-553.09	-10,813.26	942.11	371.54	570.57	1.651	
17,200.00	7,180.48	16,904.80	6,845.85	305.98	306.22	-69.19	-553.47	-10,913.26	941.97	365.90	576.07	1.635	
17,300.00	7,180.78	16,995.20	6,845.94	308.93	308.89	-69.17	-553.85	-11,013.25	941.84	360.54	581.30	1.620	
17,376.19	7,181.00	17,071.39	6,846.00	311.18	311.14	-69.16	-554.14	-11,089.45	941.73	356.25	585.49	1.608 SF	

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							
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	-118.52	-98.36	-180.99	205.99					
100.00	100.00	103.00	103.00	3.28	3.28	-118.52	-98.36	-180.99	205.99	198.46	7.53	27.365		
200.00	200.00	203.00	203.00	3.30	3.30	-118.52	-98.36	-180.99	205.99	198.42	7.57	27.213		
266.09	266.09	267.82	267.82	3.33	3.33	-57.61	-98.38	-181.04	205.84	198.22	7.62	27.012	CC, ES	
300.00	300.00	299.46	299.46	3.35	3.34	-57.60	-98.52	-181.38	206.21	198.56	7.65	26.951		
400.00	399.93	392.73	392.67	3.41	3.40	-58.24	-99.70	-184.28	207.69	199.93	7.76	26.762		
500.00	499.68	485.83	485.56	3.50	3.47	-59.48	-102.00	-189.98	210.63	202.72	7.91	26.644		
600.00	599.13	578.65	577.93	3.61	3.57	-61.27	-105.42	-198.44	215.19	207.11	8.09	26.611		
700.00	698.43	671.15	669.64	3.75	3.69	-63.19	-109.94	-209.64	222.52	214.21	8.31	26.776		
800.00	797.73	763.23	760.49	3.91	3.85	-64.80	-115.54	-223.50	233.22	224.64	8.57	27.207		
900.00	897.02	854.69	850.21	4.09	4.04	-66.08	-122.18	-239.94	247.15	238.28	8.87	27.869		
1,000.00	996.32	945.36	938.56	4.29	4.28	-67.04	-129.82	-258.85	264.22	255.02	9.20	28.731		
1,100.00	1,095.61	1,040.51	1,030.70	4.50	4.57	-67.78	-138.71	-280.85	283.69	274.10	9.59	29.577		
1,200.00	1,194.91	1,138.50	1,125.54	4.73	4.90	-68.43	-147.93	-303.67	303.40	293.36	10.04	30.225		
1,300.00	1,294.21	1,236.48	1,220.38	4.97	5.25	-69.00	-157.15	-326.50	323.14	312.63	10.51	30.737		
1,400.00	1,393.50	1,334.46	1,315.22	5.22	5.63	-69.51	-166.37	-349.32	342.91	331.89	11.02	31.130		
1,500.00	1,492.80	1,432.45	1,410.06	5.47	6.03	-69.96	-175.60	-372.14	362.70	351.17	11.53	31.450		
1,600.00	1,592.10	1,530.43	1,504.90	5.74	6.44	-70.37	-184.82	-394.97	382.51	370.44	12.07	31.688		
1,700.00	1,691.39	1,628.42	1,599.75	6.01	6.86	-70.73	-194.04	-417.79	402.34	389.71	12.63	31.864		
1,800.00	1,790.69	1,726.40	1,694.59	6.15	7.24	-71.06	-203.26	-440.62	422.18	409.36	12.82	32.925		
1,900.00	1,889.99	1,824.38	1,789.43	6.18	7.43	-71.37	-212.48	-463.44	442.03	429.22	12.81	34.503		
2,000.00	1,989.28	1,922.37	1,884.27	6.23	7.51	-71.64	-221.70	-486.26	461.90	449.00	12.90	35.818		
2,100.00	2,088.58	2,020.35	1,979.11	6.29	7.62	-71.89	-230.92	-509.09	481.77	468.76	13.02	37.011		
2,200.00	2,187.88	2,118.34	2,073.95	6.37	7.76	-72.13	-240.14	-531.91	501.65	488.48	13.17	38.078		
2,300.00	2,287.17	2,216.32	2,168.80	6.46	7.93	-72.34	-249.36	-554.73	521.54	508.18	13.37	39.019		
2,400.00	2,386.47	2,314.30	2,263.64	6.57	8.13	-72.54	-258.59	-577.56	541.44	527.85	13.59	39.835		
2,500.00	2,485.77	2,412.29	2,358.48	6.70	8.35	-72.73	-267.81	-600.38	561.34	547.49	13.85	40.533		
2,600.00	2,585.06	2,510.27	2,453.32	6.84	8.59	-72.90	-277.03	-623.20	581.25	567.11	14.14	41.117		
2,700.00	2,684.36	2,608.26	2,548.16	6.99	8.86	-73.06	-286.25	-646.03	601.16	586.71	14.45	41.600		
2,800.00	2,783.66	2,706.24	2,643.00	7.15	9.14	-73.21	-295.47	-668.85	621.08	606.28	14.79	41.981		
2,900.00	2,882.95	2,804.22	2,737.84	7.32	9.44	-73.35	-304.69	-691.68	641.00	625.84	15.16	42.280		
3,000.00	2,982.25	2,902.21	2,832.69	7.51	9.76	-73.49	-313.91	-714.50	660.92	645.37	15.55	42.501		
3,100.00	3,081.55	3,000.19	2,927.53	7.70	10.09	-73.61	-323.13	-737.32	680.85	664.89	15.96	42.656		
3,200.00	3,180.84	3,101.82	3,022.37	7.90	10.45	-73.73	-332.36	-760.15	700.78	684.38	16.40	42.729		
3,300.00	3,280.14	3,196.16	3,117.21	8.11	10.79	-73.84	-341.58	-782.97	720.71	703.87	16.84	42.797		
3,400.00	3,379.44	3,305.86	3,212.05	8.33	11.20	-73.95	-350.80	-805.79	740.65	723.31	17.34	42.723		
3,500.00	3,478.73	3,407.87	3,306.89	8.55	11.60	-74.04	-360.02	-828.62	760.58	742.76	17.83	42.662		
3,600.00	3,578.03	3,490.11	3,401.73	8.79	11.92	-74.14	-369.24	-851.44	780.52	762.24	18.28	42.697		
3,700.00	3,677.33	3,588.10	3,496.58	9.02	12.32	-74.23	-378.46	-874.26	800.46	781.68	18.79	42.606		
3,800.00	3,776.62	3,686.08	3,591.42	9.26	12.72	-74.32	-387.68	-897.09	820.41	801.10	19.31	42.493		
3,900.00	3,875.92	3,784.06	3,686.26	9.51	13.12	-74.40	-396.90	-919.91	840.35	820.51	19.84	42.362		
4,000.00	3,975.21	3,882.05	3,781.10	9.77	13.54	-74.48	-406.12	-942.74	860.30	839.92	20.38	42.218		
4,100.00	4,074.51	3,980.03	3,875.94	10.02	13.96	-74.55	-415.35	-965.56	880.25	859.32	20.93	42.062		
4,200.00	4,173.81	4,078.02	3,970.78	10.28	14.38	-74.62	-424.57	-988.38	900.20	878.71	21.49	41.898		
4,300.00	4,273.10	4,176.00	4,065.63	10.55	14.81	-74.69	-433.79	-1,011.21	920.15	898.09	22.05	41.727		
4,400.00	4,372.40	4,273.98	4,160.47	10.82	15.24	-74.75	-443.01	-1,034.03	940.10	917.47	22.62	41.551		
4,500.00	4,471.70	4,371.97	4,255.31	11.09	15.68	-74.82	-452.23	-1,056.85	960.05	936.84	23.21	41.372		
4,600.00	4,570.99	4,469.95	4,350.15	11.36	16.11	-74.88	-461.45	-1,079.68	980.00	956.21	23.79	41.191		
4,700.00	4,670.29	4,567.94	4,444.99	11.64	16.56	-74.93	-470.67	-1,102.50	999.96	975.57	24.38	41.009		
4,800.00	4,769.59	4,665.92	4,539.83	11.92	17.00	-74.99	-479.89	-1,125.32	1,019.91	994.93	24.98	40.826		
4,900.00	4,868.88	4,763.90	4,634.67	12.20	17.45	-75.04	-489.11	-1,148.15	1,039.87	1,014.29	25.58	40.644		
5,000.00	4,968.18	4,861.89	4,729.52	12.48	17.90	-75.09	-498.34	-1,170.97	1,059.83	1,033.64	26.19	40.463		
5,100.00	5,067.48	4,959.87	4,824.36	12.77	18.35	-75.14	-507.56	-1,193.80	1,079.79	1,052.98	26.80	40.284		
5,200.00	5,166.77	5,057.86	4,919.20	13.06	18.81	-75.19	-516.78	-1,216.62	1,099.75	1,072.33	27.42	40.107		
5,300.00	5,266.07	5,155.84	5,014.04	13.35	19.27	-75.23	-526.00	-1,239.44	1,119.71	1,091.67	28.04	39.932		
5,400.00	5,365.37	5,253.82	5,108.88	13.64	19.73	-75.28	-535.22	-1,262.27	1,139.67	1,111.00	28.66	39.760		
5,500.00	5,464.66	5,351.81	5,203.72	13.93	20.19	-75.32	-544.44	-1,285.09	1,159.63	1,130.34	29.29	39.591		
5,600.00	5,563.96	5,449.79	5,298.57	14.23	20.65	-75.36	-553.66	-1,307.91	1,179.59	1,149.67	29.92	39.424		
5,700.00	5,663.26	5,547.78	5,393.41	14.52	21.11	-75.40	-562.88	-1,330.74	1,199.55	1,169.00	30.55	39.261		
6,800.00	6,750.90	7,989.10	7,183.90	18.03	35.40	-104.72	-742.62	-700.05	1,189.04	1,138.25	50.79	23.412		
6,900.00	6,840.42	7,946.67	7,183.12	18.62	34.62	-102.68	-742.32	-742.46	1,163.87	1,112.37	51.50	22.600		
7,000.00	6,921.96	7,909.38	7,182.08	19.38	33.94	-100.64	-741.92	-798.50	1,146.39	1,094.14	52.25	21.941		
7,100.00	6,993.53	7,822.33	7,180.82	20.35	32.49	-98.35	-741.43	-866.78	1,135.49	1,083.29	52.20	21.754		
7,200.00	7,053.34	7,743.47	7,179.37	21.56	31.31	-95.95	-740.86	-945.62	1,129.57	1,077.12	52.46	21.534		
7,300.00	7,099.94	7,629.11	7,170.31	23.05	29.82	-92.86	-739.37	-1,059.48	1,126.07	1,073.64	52.43	21.479		
7,400.00	7,132.16	7,519.19	7,142.95	24.79	28.65	-89.91	-736.11	-1,165.75	1,122.55	1,069.64	52.90	21.218		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
7,500.00	7,149.23	7,421.00	7,103.45	26.74	27.85	-87.32	-731.74	-1,255.43	1,119.27	1,065.32	53.94	20.749	
7,600.00	7,152.13	7,332.30	7,056.35	28.83	27.33	-84.92	-726.70	-1,330.34	1,116.50	1,061.13	55.37	20.163	
7,652.22	7,152.28	7,291.52	7,031.31	29.99	27.15	-83.62	-724.06	-1,362.41	1,116.01	1,059.74	56.26	19.835	
7,700.00	7,152.42	7,257.70	7,009.03	31.05	27.03	-82.47	-721.73	-1,387.74	1,116.48	1,059.37	57.10	19.552	
7,800.00	7,152.72	7,196.53	6,965.45	33.39	26.85	-80.21	-717.21	-1,430.40	1,120.97	1,062.01	58.95	19.015	
7,900.00	7,153.01	7,146.31	6,926.76	35.82	26.74	-78.22	-713.23	-1,462.14	1,131.04	1,070.26	60.78	18.609	
8,000.00	7,153.31	7,104.84	6,893.01	38.33	26.67	-76.50	-709.78	-1,485.98	1,147.37	1,084.90	62.47	18.366	
8,100.00	7,153.61	7,070.29	6,863.76	40.90	26.63	-75.02	-706.80	-1,504.12	1,170.26	1,106.29	63.97	18.294 SF	
8,200.00	7,153.90	7,041.22	6,838.42	43.52	26.60	-73.74	-704.23	-1,518.13	1,199.75	1,134.52	65.23	18.394	

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	-113.43	-78.32	-180.71	196.95					
100.00	100.00	103.00	103.00	3.28	3.28	-113.43	-78.32	-180.71	196.95	189.42	7.53	26.164		
200.00	200.00	203.00	203.00	3.30	3.30	-113.43	-78.32	-180.71	196.95	189.38	7.57	26.019		
270.22	270.22	271.75	271.75	3.33	3.33	-52.53	-78.34	-180.79	196.77	189.15	7.62	25.809	CC, ES	
300.00	300.00	299.64	299.64	3.35	3.34	-52.50	-78.42	-181.13	197.14	189.48	7.65	25.764		
400.00	399.93	393.27	393.21	3.41	3.40	-53.06	-79.12	-184.20	198.33	190.57	7.76	25.552		
500.00	499.68	486.77	486.50	3.50	3.48	-54.17	-80.51	-190.24	200.69	192.78	7.91	25.380		
600.00	599.13	580.09	579.36	3.61	3.57	-55.78	-82.56	-199.22	204.34	196.25	8.09	25.259		
700.00	698.43	673.18	671.65	3.75	3.70	-57.47	-85.29	-211.12	210.53	202.22	8.31	25.324		
800.00	797.73	765.92	763.14	3.91	3.86	-58.81	-88.67	-225.87	220.00	211.43	8.58	25.655		
900.00	897.02	858.11	853.55	4.09	4.06	-59.81	-92.68	-243.38	232.64	223.76	8.87	26.220		
1,000.00	996.32	949.57	942.64	4.29	4.29	-60.48	-97.30	-263.55	248.33	239.13	9.20	26.990		
1,100.00	1,095.61	1,047.36	1,037.46	4.50	4.59	-60.97	-102.63	-286.85	265.79	256.18	9.61	27.654		
1,200.00	1,194.91	1,145.79	1,132.91	4.73	4.91	-61.41	-108.00	-310.30	283.27	273.21	10.06	28.167		
1,300.00	1,294.21	1,244.23	1,228.36	4.97	5.27	-61.80	-113.38	-333.76	300.77	290.24	10.53	28.562		
1,400.00	1,393.50	1,342.67	1,323.81	5.22	5.64	-62.14	-118.75	-357.22	318.28	307.25	11.03	28.855		
1,500.00	1,492.80	1,441.11	1,419.27	5.47	6.03	-62.45	-124.12	-380.67	335.80	324.25	11.54	29.091		
1,600.00	1,592.10	1,539.55	1,514.72	5.74	6.43	-62.73	-129.49	-404.13	353.32	341.25	12.08	29.250		
1,700.00	1,691.39	1,637.99	1,610.17	6.01	6.85	-62.98	-134.86	-427.59	370.86	358.23	12.63	29.363		
1,800.00	1,790.69	1,736.42	1,705.62	6.15	7.20	-63.21	-140.24	-451.04	388.40	375.59	12.81	30.328		
1,900.00	1,889.99	1,834.86	1,801.07	6.18	7.38	-63.42	-145.61	-474.50	405.95	393.17	12.78	31.769		
2,000.00	1,989.28	1,933.30	1,896.52	6.23	7.46	-63.61	-150.98	-497.96	423.50	410.64	12.86	32.928		
2,100.00	2,088.58	2,031.74	1,991.98	6.29	7.57	-63.78	-156.35	-521.42	441.05	428.07	12.98	33.977		
2,200.00	2,187.88	2,130.18	2,087.43	6.37	7.71	-63.95	-161.73	-544.87	458.61	445.48	13.14	34.913		
2,300.00	2,287.17	2,228.62	2,182.88	6.46	7.88	-64.10	-167.10	-568.33	476.18	462.85	13.33	35.735		
2,400.00	2,386.47	2,327.05	2,278.33	6.57	8.07	-64.24	-172.47	-591.79	493.74	480.19	13.55	36.445		
2,500.00	2,485.77	2,425.49	2,373.78	6.70	8.29	-64.37	-177.84	-615.24	511.31	497.51	13.80	37.048		
2,600.00	2,585.06	2,523.93	2,469.23	6.84	8.53	-64.49	-183.21	-638.70	528.88	514.80	14.08	37.550		
2,700.00	2,684.36	2,622.37	2,564.68	6.99	8.79	-64.60	-188.59	-662.16	546.45	532.06	14.40	37.960		
2,800.00	2,783.66	2,720.81	2,660.14	7.15	9.07	-64.71	-193.96	-685.61	564.03	549.30	14.73	38.284		
2,900.00	2,882.95	2,819.24	2,755.59	7.32	9.36	-64.81	-199.33	-709.07	581.61	566.51	15.09	38.531		
3,000.00	2,982.25	2,917.68	2,851.04	7.51	9.68	-64.91	-204.70	-732.53	599.18	583.70	15.48	38.710		
3,100.00	3,081.55	3,016.12	2,946.49	7.70	10.00	-64.99	-210.08	-755.99	616.76	600.88	15.88	38.830		
3,200.00	3,180.84	3,114.56	3,041.94	7.90	10.34	-65.08	-215.45	-779.44	634.34	618.04	16.31	38.898		
3,300.00	3,280.14	3,213.00	3,137.39	8.11	10.69	-65.16	-220.82	-802.90	651.93	635.18	16.75	38.921		
3,400.00	3,379.44	3,311.44	3,232.85	8.33	11.05	-65.23	-226.19	-826.36	669.51	652.30	17.21	38.906		
3,500.00	3,478.73	3,409.87	3,328.30	8.55	11.42	-65.31	-231.56	-849.81	687.09	669.41	17.68	38.858		
3,600.00	3,578.03	3,508.31	3,423.75	8.79	11.80	-65.37	-236.94	-873.27	704.68	686.51	18.17	38.784		
3,700.00	3,677.33	3,606.75	3,519.20	9.02	12.19	-65.44	-242.31	-896.73	722.27	703.60	18.67	38.687		
3,800.00	3,776.62	3,705.19	3,614.65	9.26	12.58	-65.50	-247.68	-920.18	739.85	720.67	19.18	38.571		
3,900.00	3,875.92	3,803.63	3,710.10	9.51	12.98	-65.56	-253.05	-943.64	757.44	737.74	19.70	38.440		
4,000.00	3,975.21	3,902.07	3,805.55	9.77	13.39	-65.61	-258.43	-967.10	775.03	754.79	20.24	38.297		
4,100.00	4,074.51	4,000.50	3,901.01	10.02	13.80	-65.67	-263.80	-990.56	792.62	771.84	20.78	38.144		
4,200.00	4,173.81	4,098.94	3,996.46	10.28	14.22	-65.72	-269.17	-1,014.01	810.21	788.88	21.33	37.985		
4,300.00	4,273.10	4,202.62	4,091.91	10.55	14.66	-65.77	-274.54	-1,037.47	827.80	805.90	21.90	37.791		
4,400.00	4,372.40	4,295.82	4,187.36	10.82	15.06	-65.82	-279.91	-1,060.93	845.39	822.94	22.45	37.650		
4,500.00	4,471.70	4,394.26	4,282.81	11.09	15.49	-65.86	-285.29	-1,084.38	862.98	839.96	23.03	37.478		
4,600.00	4,570.99	4,492.69	4,378.26	11.36	15.92	-65.90	-290.66	-1,107.84	880.58	856.97	23.60	37.305		
4,700.00	4,670.29	4,608.87	4,473.71	11.64	16.44	-65.95	-296.03	-1,131.30	898.17	873.92	24.25	37.044		
4,800.00	4,769.59	4,689.57	4,569.17	11.92	16.79	-65.99	-301.40	-1,154.76	915.76	890.98	24.78	36.957		
4,900.00	4,868.88	4,788.01	4,664.62	12.20	17.24	-66.02	-306.78	-1,178.21	933.36	907.98	25.37	36.784		
5,000.00	4,968.18	4,886.45	4,760.07	12.48	17.68	-66.06	-312.15	-1,201.67	950.95	924.98	25.97	36.613		
5,100.00	5,067.48	4,984.89	4,855.52	12.77	18.12	-66.10	-317.52	-1,225.13	968.55	941.97	26.58	36.443		
5,200.00	5,166.77	5,083.32	4,950.97	13.06	18.57	-66.13	-322.89	-1,248.58	986.14	958.96	27.18	36.276		
5,300.00	5,266.07	5,181.76	5,046.42	13.35	19.02	-66.16	-328.26	-1,272.04	1,003.74	975.94	27.80	36.111		
5,400.00	5,365.37	5,280.20	5,141.88	13.64	19.47	-66.20	-333.64	-1,295.50	1,021.33	992.92	28.41	35.948		
5,500.00	5,464.66	5,378.64	5,237.33	13.93	19.92	-66.23	-339.01	-1,318.95	1,038.93	1,009.90	29.03	35.789		
5,600.00	5,563.96	5,477.08	5,332.78	14.23	20.38	-66.26	-344.38	-1,342.41	1,056.52	1,026.87	29.65	35.632		
5,700.00	5,663.26	5,575.52	5,428.23	14.52	20.84	-66.29	-349.75	-1,365.87	1,074.12	1,043.84	30.28	35.478		
5,800.00	5,762.55	5,673.95	5,523.68	14.82	21.29	-66.31	-355.12	-1,389.33	1,091.72	1,060.81	30.90	35.328		
5,900.00	5,861.85	5,772.39	5,619.13	15.12	21.75	-66.34	-360.50	-1,412.78	1,109.31	1,077.78	31.53	35.180		
6,000.00	5,961.15	5,870.83	5,714.58	15.42	22.21	-66.37	-365.87	-1,436.24	1,126.91	1,094.75	32.16	35.036		
6,100.00	6,060.44	5,969.27	5,810.04	15.72	22.67	-66.39	-371.24	-1,459.70	1,144.51	1,111.71	32.80	34.895		
6,200.00	6,159.74	6,067.71	5,905.49	16.02	23.14	-66.42	-376.61	-1,483.15	1,162.10	1,128.67	33.44	34.757		
6,300.00	6,259.04	6,166.31	6,022.51	16.33	23.62	-122.77	-454.63	-634.54	1,126.48	1,083.90	42.58	26.455		
6,400.00	6,358.33	6,266.33	6,122.33	16.63	24.10	-122.19	-454.52	-643.02	1,062.30	1,018.00	44.29	23.983		

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									
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	6,457.63	7,900.65	7,062.18	16.94	36.09	-121.61	-454.41	-651.50	1,003.92	957.81	46.11	21.770				
6,600.00	6,556.93	7,909.13	7,062.01	17.24	36.27	-121.03	-454.31	-659.98	952.41	904.16	48.25	19.740				
6,700.00	6,655.60	7,878.04	7,061.76	17.58	35.65	-108.72	-454.15	-672.80	909.08	859.42	49.65	18.308				
6,800.00	6,750.90	7,850.36	7,061.22	18.03	35.10	-104.17	-453.80	-700.48	875.50	824.50	51.00	17.165				
6,900.00	6,840.42	7,808.01	7,060.39	18.62	34.26	-101.26	-453.27	-742.81	852.27	800.40	51.87	16.432				
7,000.00	6,921.96	7,752.03	7,059.30	19.38	33.25	-98.03	-452.57	-798.78	838.69	786.35	52.34	16.023				
7,100.00	6,993.53	7,683.80	7,057.96	20.35	32.05	-94.35	-451.71	-866.99	833.01	780.53	52.48	15.874				
7,154.01	7,027.39	7,642.44	7,057.16	21.00	31.38	-92.29	-451.19	-908.34	832.36	779.82	52.54	15.843				
7,200.00	7,053.34	7,605.00	7,056.42	21.56	30.78	-90.56	-450.72	-945.77	832.73	780.23	52.50	15.861				
7,300.00	7,099.94	7,517.70	7,051.33	23.05	29.53	-86.92	-449.43	-1,032.86	835.19	782.56	52.63	15.869				
7,400.00	7,132.16	7,434.32	7,035.75	24.79	28.46	-83.58	-447.58	-1,114.69	838.91	785.83	53.07	15.807				
7,500.00	7,149.23	7,355.35	7,011.28	26.74	27.58	-80.58	-445.28	-1,189.68	843.37	789.56	53.81	15.673				
7,600.00	7,152.13	7,280.33	6,979.61	28.83	26.91	-78.05	-442.64	-1,257.59	848.43	793.64	54.78	15.487				
7,700.00	7,152.42	7,213.13	6,944.64	31.05	26.43	-75.69	-439.92	-1,314.88	857.21	801.34	55.87	15.343				
7,800.00	7,152.72	7,154.47	6,909.34	33.39	26.10	-73.35	-437.30	-1,361.63	871.46	814.52	56.94	15.306 SF				
7,900.00	7,153.01	7,100.00	6,872.84	35.82	25.86	-70.98	-434.69	-1,401.95	892.02	834.18	57.84	15.422				
8,000.00	7,153.31	7,059.70	6,843.69	38.33	25.72	-69.12	-432.65	-1,429.69	919.32	860.71	58.61	15.685				
8,100.00	7,153.61	7,021.68	6,814.63	40.90	25.62	-67.30	-430.65	-1,454.11	953.52	894.41	59.11	16.130				
8,200.00	7,153.90	6,988.69	6,788.27	43.52	25.54	-65.69	-428.87	-1,473.87	994.42	935.03	59.39	16.744				
8,300.00	7,154.20	6,950.00	6,756.11	46.18	25.47	-63.77	-426.73	-1,495.26	1,041.71	982.33	59.39	17.541				
8,400.00	7,154.49	6,934.74	6,743.07	48.87	25.45	-63.01	-425.87	-1,503.15	1,094.62	1,035.24	59.37	18.436				
8,500.00	7,154.79	6,912.55	6,723.80	51.60	25.42	-61.89	-424.61	-1,514.06	1,152.82	1,093.66	59.16	19.486				

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	39.78	800.73	666.56	1,042.14				
100.00	100.00	75.64	75.64	3.28	3.28	39.80	800.48	666.88	1,041.87	1,034.52	7.35	141.664	
200.00	200.00	177.83	177.82	3.30	3.29	39.87	799.62	667.85	1,041.83	1,034.45	7.39	141.063	
300.00	300.00	289.20	289.19	3.35	3.32	100.97	798.34	668.26	1,041.28	1,033.83	7.46	139.655	
400.00	399.93	404.83	404.78	3.41	3.37	101.23	796.30	667.08	1,039.94	1,032.38	7.56	137.475	
500.00	499.68	511.66	511.56	3.50	3.43	101.62	794.36	664.25	1,038.22	1,030.52	7.71	134.682	
600.00	599.13	608.56	608.39	3.61	3.49	102.09	793.12	660.83	1,037.09	1,029.20	7.89	131.494	
700.00	698.43	705.27	705.02	3.75	3.57	102.58	792.46	657.09	1,036.55	1,028.45	8.10	127.940	
800.00	797.73	805.28	804.96	3.91	3.66	103.08	791.89	653.24	1,036.19	1,027.84	8.35	124.070	
887.09	884.20	889.25	888.87	4.07	3.75	103.52	791.30	650.29	1,036.05	1,027.46	8.59	120.601	CC
900.00	897.02	901.78	901.40	4.09	3.76	103.58	791.21	649.88	1,036.05	1,027.43	8.63	120.081	
1,000.00	996.32	1,001.74	1,001.31	4.29	3.87	104.14	790.21	646.88	1,036.12	1,027.19	8.93	115.983	
1,100.00	1,095.61	1,100.87	1,100.39	4.50	3.99	104.69	789.10	644.04	1,036.28	1,027.02	9.26	111.894	
1,200.00	1,194.91	1,202.98	1,202.45	4.73	4.12	105.27	787.85	641.05	1,036.44	1,026.82	9.61	107.816	
1,300.00	1,294.21	1,300.22	1,299.64	4.97	4.25	105.80	786.82	638.02	1,036.68	1,026.70	9.98	103.908	ES
1,400.00	1,393.50	1,399.57	1,398.93	5.22	4.39	106.32	786.16	634.70	1,037.12	1,026.76	10.36	100.120	
1,500.00	1,492.80	1,496.68	1,495.99	5.47	4.53	106.82	785.76	631.38	1,037.77	1,027.02	10.75	96.526	
1,600.00	1,592.10	1,596.48	1,595.73	5.74	4.69	107.32	785.51	627.97	1,038.62	1,027.46	11.16	93.073	
1,700.00	1,691.39	1,702.99	1,702.17	6.01	4.85	107.88	784.77	624.28	1,039.21	1,027.62	11.59	89.680	
1,800.00	1,790.69	1,793.07	1,792.19	6.15	5.00	108.35	784.15	621.31	1,040.02	1,028.35	11.67	89.149	
1,900.00	1,889.99	1,887.10	1,886.18	6.18	5.16	108.82	784.20	618.49	1,041.62	1,029.77	11.85	87.921	
2,000.00	1,989.28	1,989.20	1,988.24	6.23	5.33	109.33	784.51	615.44	1,043.48	1,031.42	12.06	86.517	
2,100.00	2,088.58	2,088.03	2,087.02	6.29	5.50	109.83	784.56	612.51	1,045.27	1,032.98	12.29	85.056	
2,200.00	2,187.88	2,185.42	2,184.37	6.37	5.67	110.31	784.72	609.71	1,047.29	1,034.75	12.53	83.561	
2,300.00	2,287.17	2,286.52	2,285.43	6.46	5.85	110.81	785.08	606.73	1,049.45	1,036.65	12.80	81.981	
2,400.00	2,386.47	2,387.36	2,386.21	6.57	6.03	111.27	785.72	603.31	1,051.52	1,038.43	13.09	80.358	
2,500.00	2,485.77	2,486.46	2,485.24	6.70	6.22	111.71	786.53	599.75	1,053.62	1,040.23	13.38	78.731	
2,600.00	2,585.06	2,584.90	2,583.62	6.84	6.40	112.14	787.36	596.31	1,055.87	1,042.17	13.69	77.109	
2,700.00	2,684.36	2,683.98	2,682.64	6.99	6.58	112.59	788.13	593.01	1,058.27	1,044.25	14.02	75.489	
2,800.00	2,783.66	2,782.01	2,780.62	7.15	6.77	113.03	788.87	589.87	1,060.83	1,046.47	14.36	73.897	
2,900.00	2,882.95	2,878.62	2,877.18	7.32	6.95	113.47	789.66	587.00	1,063.66	1,048.96	14.70	72.351	
3,000.00	2,982.25	2,977.69	2,976.21	7.51	7.14	113.93	790.44	584.32	1,066.77	1,051.71	15.06	70.822	
3,100.00	3,081.55	3,079.34	3,077.82	7.70	7.34	114.40	791.16	581.53	1,069.87	1,054.43	15.44	69.294	
3,200.00	3,180.84	3,184.17	3,182.61	7.90	7.55	114.88	791.58	578.46	1,072.70	1,056.87	15.83	67.755	
3,300.00	3,280.14	3,288.45	3,286.82	8.11	7.75	115.36	791.78	574.93	1,075.10	1,058.87	16.23	66.230	
3,400.00	3,379.44	3,382.31	3,380.62	8.33	7.94	115.79	792.04	571.69	1,077.58	1,060.96	16.62	64.827	
3,500.00	3,478.73	3,482.35	3,480.62	8.55	8.14	116.25	792.37	568.65	1,080.49	1,063.46	17.03	63.444	
3,600.00	3,578.03	3,581.00	3,579.22	8.79	8.33	116.69	792.75	565.54	1,083.41	1,065.96	17.44	62.111	
3,700.00	3,677.33	3,677.53	3,675.70	9.02	8.53	117.10	793.50	562.45	1,086.58	1,068.72	17.86	60.848	
3,800.00	3,776.62	3,781.51	3,779.63	9.26	8.74	117.56	794.14	559.30	1,089.85	1,071.55	18.29	59.581	
3,900.00	3,875.92	3,885.81	3,883.87	9.51	8.95	118.02	794.43	555.72	1,092.67	1,073.93	18.73	58.329	
4,000.00	3,975.21	3,987.45	3,985.44	9.77	9.15	118.46	794.64	551.92	1,095.25	1,076.07	19.17	57.121	
4,100.00	4,074.51	4,088.13	4,086.05	10.02	9.36	118.91	794.45	548.24	1,097.76	1,078.14	19.62	55.957	
4,200.00	4,173.81	4,184.72	4,182.58	10.28	9.56	119.36	794.13	544.88	1,100.41	1,080.36	20.06	54.863	
4,300.00	4,273.10	4,280.85	4,278.66	10.55	9.75	119.79	794.02	541.76	1,103.45	1,082.95	20.50	53.827	
4,400.00	4,372.40	4,377.57	4,375.34	10.82	9.95	120.23	793.95	538.93	1,106.84	1,085.89	20.95	52.841	
4,500.00	4,471.70	4,480.30	4,478.02	11.09	10.16	120.69	794.04	535.87	1,110.35	1,088.94	21.41	51.864	
4,600.00	4,570.99	4,584.81	4,582.45	11.36	10.38	121.10	794.85	531.83	1,113.49	1,091.61	21.88	50.895	
4,700.00	4,670.29	4,683.95	4,681.47	11.64	10.58	121.44	796.33	527.33	1,116.45	1,094.11	22.34	49.976	
4,800.00	4,769.59	4,780.80	4,778.20	11.92	10.79	121.75	798.16	522.92	1,119.63	1,096.83	22.80	49.109	
4,900.00	4,868.88	4,881.29	4,878.58	12.20	10.99	122.06	800.14	518.46	1,122.98	1,099.71	23.27	48.263	
5,000.00	4,968.18	4,978.05	4,975.24	12.48	11.20	122.40	801.58	514.45	1,126.40	1,102.67	23.73	47.464	
5,100.00	5,067.48	5,074.15	5,071.27	12.77	11.40	122.73	802.99	510.84	1,130.19	1,106.00	24.20	46.711	
5,200.00	5,166.77	5,170.27	5,167.33	13.06	11.60	123.09	804.21	507.67	1,134.34	1,109.67	24.66	45.998	
5,300.00	5,266.07	5,268.41	5,265.42	13.35	11.80	123.47	805.19	504.86	1,138.78	1,113.65	25.13	45.314	
5,400.00	5,365.37	5,363.48	5,360.45	13.64	12.00	123.83	806.23	502.27	1,143.45	1,117.85	25.60	44.673	
5,500.00	5,464.66	5,464.61	5,461.54	13.93	12.21	124.20	807.75	499.68	1,148.49	1,122.42	26.08	44.044	
5,600.00	5,563.96	5,570.03	5,566.88	14.23	12.43	124.55	809.78	496.20	1,153.12	1,126.55	26.57	43.404	
5,700.00	5,663.26	5,664.92	5,661.69	14.52	12.63	124.85	811.67	492.87	1,157.62	1,130.58	27.04	42.816	
5,800.00	5,762.55	5,762.48	5,759.20	14.82	12.83	125.20	813.18	490.25	1,162.70	1,135.19	27.51	42.260	
5,900.00	5,861.85	5,863.71	5,860.39	15.12	13.05	125.57	814.31	487.62	1,167.72	1,139.72	28.00	41.707	
6,000.00	5,961.15	5,962.17	5,958.81	15.42	13.26	125.93	815.45	484.99	1,172.74	1,144.26	28.48	41.179	
6,100.00	6,060.44	6,058.31	6,054.91	15.72	13.46	126.27	816.79	482.55	1,178.02	1,149.06	28.95	40.685	
6,200.00	6,159.74	6,154.39	6,150.96	16.02	13.66	126.62	818.01	480.50	1,183.67	1,154.23	29.43	40.219	
6,300.00	6,259.04	6,249.83	6,246.39	16.33	13.86	126.99	818.85	478.93	1,189.65	1,159.74	29.90	39.781	
6,400.00	6,358.33	6,345.29	6,341.83	16.63	14.06	127.36	819.83	477.70	1,196.06	1,165.69	30.38	39.372	SF

Offset Design5N-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	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre		Between	Between	Minimum	Separation	
(usft)	Depth	Depth	Depth	(usft)	(usft)	Toolface	+N/-S	+E/-W	Centres	Ellipses	Separation	Factor	
	(usft)	(usft)	(usft)			(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
0.00	0.00	0.00	0.00	3.28	3.28	41.33	764.30	672.13	1,018.06				
100.00	100.00	79.90	79.90	3.28	3.28	41.33	764.17	672.11	1,017.69	1,010.33	7.35	138.374	
200.00	200.00	178.01	178.01	3.30	3.29	41.33	763.97	671.97	1,017.44	1,010.06	7.39	137.758	
295.28	295.28	275.74	275.74	3.34	3.32	102.36	764.07	671.62	1,017.47	1,010.02	7.45	136.576	
300.00	300.00	280.66	280.66	3.35	3.32	102.34	764.07	671.60	1,017.37	1,009.92	7.45	136.489	
400.00	399.93	380.99	380.99	3.41	3.36	102.51	763.93	671.13	1,017.71	1,010.15	7.56	134.698	
500.00	499.68	480.58	480.57	3.50	3.41	102.87	763.65	670.85	1,018.86	1,011.16	7.69	132.431	
600.00	599.13	573.31	573.31	3.61	3.47	103.37	763.40	670.96	1,021.12	1,013.26	7.86	129.842	
700.00	698.43	673.33	673.32	3.75	3.54	104.03	763.55	671.35	1,024.32	1,016.24	8.08	126.849	
800.00	797.73	773.94	773.93	3.91	3.63	104.70	763.31	671.75	1,027.38	1,019.06	8.32	123.492	
900.00	897.02	872.64	872.64	4.09	3.72	105.35	763.12	672.08	1,030.56	1,021.97	8.59	119.954	
1,000.00	996.32	970.91	970.90	4.29	3.83	105.98	763.15	672.31	1,033.96	1,025.07	8.89	116.323	
1,100.00	1,095.61	1,070.16	1,070.16	4.50	3.94	106.58	763.56	672.25	1,037.55	1,028.34	9.21	112.654	
1,200.00	1,194.91	1,181.77	1,181.76	4.73	4.08	107.28	763.37	672.12	1,040.84	1,031.27	9.57	108.795	
1,300.00	1,294.21	1,293.17	1,293.12	4.97	4.22	108.09	760.66	672.28	1,042.88	1,032.94	9.94	104.889	
1,400.00	1,393.50	1,412.46	1,412.22	5.22	4.39	109.13	754.12	673.37	1,043.64	1,033.29	10.34	100.892	
1,500.00	1,492.80	1,531.09	1,530.34	5.47	4.56	110.36	743.28	675.07	1,042.62	1,031.87	10.76	96.913	
1,600.00	1,592.10	1,644.11	1,642.31	5.74	4.74	111.78	728.39	678.31	1,040.51	1,029.33	11.18	93.088	
1,700.00	1,691.39	1,762.66	1,759.17	6.01	4.93	113.45	708.85	682.16	1,037.17	1,025.56	11.61	89.308	
1,800.00	1,790.69	1,896.86	1,890.53	6.15	5.15	115.57	681.66	685.80	1,031.90	1,020.16	11.74	87.915	
1,900.00	1,889.99	1,998.53	1,989.19	6.18	5.32	117.35	657.30	688.40	1,025.15	1,013.22	11.93	85.928	
2,000.00	1,989.28	2,103.11	2,090.06	6.23	5.50	119.33	629.89	691.70	1,018.65	1,006.51	12.14	83.890	
2,100.00	2,088.58	2,205.95	2,188.59	6.29	5.69	121.42	600.65	695.28	1,012.42	1,000.04	12.38	81.811	
2,200.00	2,187.88	2,310.46	2,288.23	6.37	5.89	123.64	569.31	698.68	1,006.56	993.93	12.63	79.679	
2,300.00	2,287.17	2,422.44	2,393.99	6.46	6.12	126.18	532.64	701.91	1,000.58	987.65	12.92	77.420	
2,400.00	2,386.47	2,520.14	2,485.36	6.57	6.34	128.54	498.17	704.36	994.86	981.64	13.22	75.240	
2,500.00	2,485.77	2,597.89	2,557.60	6.70	6.52	130.52	469.56	707.27	991.44	977.93	13.51	73.370	
2,573.95	2,559.20	2,660.08	2,614.95	6.80	6.67	132.17	445.71	710.54	990.74	976.99	13.75	72.058	CC, ES
2,600.00	2,585.06	2,681.71	2,634.76	6.84	6.72	132.76	437.14	711.84	990.83	977.00	13.83	71.634	
2,700.00	2,684.36	2,763.33	2,709.02	6.99	6.93	135.06	403.74	717.42	992.97	978.80	14.16	70.105	
2,800.00	2,783.66	2,864.17	2,800.60	7.15	7.20	137.91	362.13	724.47	997.61	983.05	14.55	68.547	
2,900.00	2,882.95	2,955.17	2,884.75	7.32	7.45	140.25	327.76	728.50	1,002.94	988.01	14.94	67.152	
3,000.00	2,982.25	3,031.24	2,955.30	7.51	7.66	142.17	299.57	732.49	1,011.11	995.82	15.29	66.130	
3,100.00	3,081.55	3,104.48	3,023.02	7.70	7.87	144.02	272.16	737.50	1,022.54	1,006.90	15.64	65.374	
3,200.00	3,180.84	3,187.89	3,100.58	7.90	8.11	146.03	242.16	743.98	1,036.78	1,020.75	16.03	64.685	
3,300.00	3,280.14	3,306.00	3,211.13	8.11	8.45	148.70	201.36	752.00	1,051.89	1,035.36	16.53	63.638	
3,400.00	3,379.44	3,398.85	3,297.87	8.33	8.73	150.78	168.62	756.87	1,067.10	1,050.14	16.97	62.899	
3,500.00	3,478.73	3,513.22	3,404.69	8.55	9.08	153.28	128.01	761.37	1,082.65	1,065.18	17.48	61.938	
3,600.00	3,578.03	3,594.80	3,480.93	8.79	9.34	155.02	99.09	764.16	1,099.18	1,081.28	17.90	61.414	
3,700.00	3,677.33	3,677.39	3,558.03	9.02	9.60	156.74	69.67	767.41	1,117.60	1,099.27	18.32	60.991	
3,800.00	3,776.62	3,752.24	3,627.54	9.26	9.85	158.30	42.14	770.92	1,138.21	1,119.48	18.73	60.773	
3,900.00	3,875.92	3,821.62	3,691.22	9.51	10.09	159.79	14.89	774.93	1,161.60	1,142.48	19.12	60.767	SF
4,000.00	3,975.21	3,886.98	3,750.41	9.77	10.32	161.23	-12.42	779.51	1,188.00	1,168.51	19.49	60.962	

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						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	-46.11	523.86	-544.61	755.80					
100.00	100.00	84.33	84.33	3.28	3.28	-46.11	523.93	-544.68	755.76	748.41	7.35	102.758		
200.00	200.00	183.36	183.36	3.30	3.29	-46.13	523.98	-545.04	756.06	748.67	7.39	102.351		
300.00	300.00	281.40	281.40	3.35	3.32	14.84	523.87	-545.78	756.10	748.65	7.45	101.428		
400.00	399.93	375.58	375.57	3.41	3.36	14.86	524.00	-546.88	753.68	746.12	7.55	99.770		
500.00	499.68	480.65	480.63	3.50	3.41	14.94	523.96	-548.69	748.16	740.46	7.70	97.190		
600.00	599.13	581.26	581.21	3.61	3.48	15.05	522.99	-550.34	738.58	730.70	7.88	93.743		
700.00	698.43	686.06	686.00	3.75	3.56	15.15	521.81	-551.82	727.38	719.29	8.09	89.951		
800.00	797.73	783.16	783.08	3.91	3.65	15.23	520.19	-553.19	715.81	707.49	8.32	86.086		
900.00	897.02	883.48	883.38	4.09	3.75	15.33	518.93	-554.52	704.45	695.88	8.57	82.160		
1,000.00	996.32	982.93	982.81	4.29	3.85	15.43	517.50	-555.80	692.95	684.09	8.86	78.244		
1,100.00	1,095.61	1,077.83	1,077.69	4.50	3.97	15.53	516.33	-557.21	681.73	672.58	9.15	74.472		
1,200.00	1,194.91	1,174.30	1,174.14	4.73	4.09	15.63	515.53	-559.13	671.15	661.68	9.47	70.843		
1,300.00	1,294.21	1,274.87	1,274.70	4.97	4.22	15.80	515.37	-560.68	660.73	650.91	9.82	67.305		
1,400.00	1,393.50	1,373.85	1,373.67	5.22	4.36	16.00	515.22	-561.96	650.15	639.97	10.17	63.907		
1,500.00	1,492.80	1,472.37	1,472.17	5.47	4.51	16.15	514.81	-563.73	639.73	629.19	10.54	60.680		
1,600.00	1,592.10	1,568.42	1,568.21	5.74	4.65	16.34	514.93	-565.30	629.60	618.67	10.92	57.649		
1,700.00	1,691.39	1,666.92	1,666.69	6.01	4.80	16.57	515.56	-567.10	619.96	608.65	11.31	54.792		
1,800.00	1,790.69	1,766.12	1,765.87	6.15	4.96	16.85	516.53	-568.55	610.33	598.94	11.39	53.569		
1,900.00	1,889.99	1,868.51	1,868.25	6.18	5.13	17.18	517.66	-569.78	600.63	589.05	11.58	51.871		
2,000.00	1,989.28	1,967.48	1,967.22	6.23	5.29	17.52	518.50	-570.62	590.51	578.73	11.78	50.134		
2,100.00	2,088.58	2,070.62	2,070.34	6.29	5.47	17.88	519.38	-571.52	580.45	568.44	12.00	48.356		
2,200.00	2,187.88	2,172.08	2,171.80	6.37	5.64	18.29	519.95	-571.57	569.61	557.37	12.24	46.528		
2,300.00	2,287.17	2,272.92	2,272.64	6.46	5.82	18.74	520.58	-571.27	558.64	546.14	12.50	44.704		
2,400.00	2,386.47	2,374.11	2,373.82	6.57	5.99	19.15	520.58	-571.15	547.35	534.59	12.77	42.877		
2,500.00	2,485.77	2,472.93	2,472.64	6.70	6.17	19.44	519.57	-571.89	535.91	522.87	13.05	41.081		
2,600.00	2,585.06	2,571.19	2,570.89	6.84	6.35	19.72	518.66	-572.83	524.69	511.35	13.34	39.332		
2,700.00	2,684.36	2,667.34	2,667.04	6.99	6.53	20.11	518.63	-573.27	513.82	500.18	13.65	37.652		
2,800.00	2,783.66	2,765.64	2,765.33	7.15	6.72	20.48	518.79	-574.37	503.55	489.58	13.97	36.044		
2,900.00	2,882.95	2,867.47	2,867.16	7.32	6.91	20.88	518.78	-575.45	493.14	478.83	14.31	34.455		
3,000.00	2,982.25	2,966.90	2,966.58	7.51	7.10	21.33	518.66	-575.96	482.33	467.67	14.66	32.895		
3,100.00	3,081.55	3,064.51	3,064.20	7.70	7.29	21.80	518.84	-576.54	471.83	456.80	15.02	31.410		
3,200.00	3,180.84	3,164.26	3,163.93	7.90	7.48	22.19	518.65	-577.97	461.59	446.20	15.39	29.987		
3,300.00	3,280.14	3,267.01	3,266.66	8.11	7.68	22.56	517.84	-579.52	450.95	435.18	15.78	28.583		
3,400.00	3,379.44	3,369.04	3,368.67	8.33	7.88	22.86	516.00	-581.05	439.54	423.38	16.17	27.188		
3,500.00	3,478.73	3,467.51	3,467.11	8.55	8.08	23.15	513.96	-582.46	427.89	411.33	16.56	25.841		
3,600.00	3,578.03	3,568.56	3,568.14	8.79	8.28	23.53	512.25	-583.63	416.39	399.43	16.96	24.548		
3,700.00	3,677.33	3,667.18	3,666.73	9.02	8.47	23.93	510.27	-584.47	404.47	387.10	17.37	23.285		
3,800.00	3,776.62	3,763.86	3,763.39	9.26	8.66	24.32	508.67	-585.74	393.13	375.35	17.78	22.107		
3,900.00	3,875.92	3,863.61	3,863.12	9.51	8.86	24.73	507.32	-587.39	382.24	364.03	18.21	20.994		
4,000.00	3,975.21	3,964.92	3,964.40	9.77	9.07	25.16	505.49	-588.86	370.90	352.26	18.64	19.900		
4,100.00	4,074.51	4,064.47	4,063.92	10.02	9.27	25.61	503.41	-590.08	359.21	340.14	19.07	18.833		
4,200.00	4,173.81	4,162.21	4,161.65	10.28	9.46	26.23	502.06	-590.64	347.76	328.24	19.51	17.821		
4,300.00	4,273.10	4,260.58	4,260.02	10.55	9.66	27.04	501.54	-590.81	336.82	316.86	19.96	16.872		
4,400.00	4,372.40	4,359.03	4,358.46	10.82	9.86	27.96	501.33	-590.81	326.12	305.70	20.42	15.970		
4,500.00	4,471.70	4,458.31	4,457.75	11.09	10.06	28.89	501.17	-591.16	315.75	294.86	20.88	15.119		
4,600.00	4,570.99	4,560.78	4,560.21	11.36	10.27	29.84	500.40	-591.67	305.04	283.68	21.36	14.283		
4,700.00	4,670.29	4,662.08	4,661.50	11.64	10.48	30.86	498.64	-591.50	293.23	271.40	21.83	13.431		
4,800.00	4,769.59	4,763.66	4,763.05	11.92	10.68	32.21	497.01	-590.08	281.05	258.73	22.32	12.593		
4,900.00	4,868.88	4,863.05	4,862.40	12.20	10.88	33.69	494.73	-588.16	268.16	245.35	22.81	11.756		
5,000.00	4,968.18	4,959.95	4,959.27	12.48	11.07	35.30	492.98	-586.36	255.94	232.63	23.31	10.978		
5,100.00	5,067.48	5,055.85	5,055.16	12.77	11.27	36.88	491.83	-585.63	244.95	221.13	23.82	10.283		
5,200.00	5,166.77	5,152.36	5,151.66	13.06	11.47	38.48	491.68	-585.92	235.53	211.20	24.33	9.680		
5,300.00	5,266.07	5,250.14	5,249.43	13.35	11.67	40.18	492.29	-586.68	227.20	202.35	24.85	9.143		
5,400.00	5,365.37	5,349.34	5,348.62	13.64	11.87	41.91	493.17	-588.05	219.56	194.18	25.37	8.653		
5,500.00	5,464.66	5,448.49	5,447.77	13.93	12.08	43.86	494.08	-589.07	212.04	186.14	25.91	8.185		
5,600.00	5,563.96	5,547.38	5,546.65	14.23	12.28	46.09	495.53	-589.68	205.22	178.77	26.45	7.759		
5,700.00	5,663.26	5,646.11	5,645.36	14.52	12.48	48.58	497.17	-589.89	198.83	171.83	27.00	7.364		
5,800.00	5,762.55	5,743.82	5,743.03	14.82	12.68	50.99	499.34	-590.94	193.54	165.99	27.55	7.025		
5,900.00	5,861.85	5,843.04	5,842.19	15.12	12.88	53.35	502.22	-592.81	189.42	161.32	28.11	6.740		
6,000.00	5,961.15	5,943.03	5,942.13	15.42	13.09	55.61	504.58	-595.37	185.15	156.50	28.66	6.461		
6,100.00	6,060.44	6,042.24	6,041.27	15.72	13.30	57.95	507.32	-597.96	181.59	152.38	29.21	6.216		
6,200.00	6,159.74	6,141.42	6,140.37	16.02	13.51	60.22	509.88	-601.01	178.18	148.41	29.77	5.986		
6,300.00	6,259.04	6,240.06	6,238.89	16.33	13.71	62.47	513.36	-604.29	175.98	145.67	30.32	5.805		
6,400.00	6,358.33	6,341.21	6,339.96	16.63	13.92	65.23	516.58	-606.47	173.82	142.94	30.88	5.629		
6,500.00	6,457.63	6,443.06	6,441.78	16.94	14.13	68.51	518.55	-607.52	170.97	139.52	31.45	5.436		

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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,600.00	6,556.93	6,544.29	6,543.02	17.24	14.34	72.37	518.93	-607.37	167.38	135.36	32.02	5.228	CC, ES, SF
6,688.16	6,643.84	6,631.35	6,630.07	17.54	14.52	91.45	518.44	-606.19	165.63	133.08	32.55	5.089	
6,700.00	6,655.60	6,643.02	6,641.74	17.58	14.54	92.84	518.38	-606.02	165.27	132.65	32.62	5.067	
6,800.00	6,750.90	6,738.15	6,736.85	18.03	14.73	108.24	517.97	-604.75	171.63	138.36	33.28	5.158	
6,900.00	6,840.42	6,827.10	6,825.79	18.62	14.91	121.17	516.97	-603.33	192.28	158.44	33.84	5.682	
7,000.00	6,921.96	6,905.76	6,904.43	19.38	15.07	130.75	516.64	-601.96	231.96	197.72	34.24	6.775	
7,100.00	6,993.53	6,973.55	6,972.21	20.35	15.21	136.72	516.75	-600.40	289.92	255.38	34.55	8.393	
7,200.00	7,053.34	7,027.18	7,025.81	21.56	15.32	138.85	516.86	-598.66	362.95	328.15	34.80	10.429	
7,300.00	7,099.94	7,065.43	7,064.02	23.05	15.40	136.36	516.92	-596.94	447.46	412.45	35.00	12.783	
7,400.00	7,132.16	7,089.13	7,087.68	24.79	15.45	126.18	516.96	-595.65	539.73	504.59	35.14	15.357	
7,500.00	7,149.23	7,101.56	7,096.98	26.74	15.47	98.63	516.97	-595.10	636.39	601.17	35.22	18.069	
7,600.00	7,152.13	7,104.78	7,093.76	28.83	15.48	71.64	516.96	-595.29	734.51	699.28	35.23	20.848	
7,700.00	7,152.42	7,091.49	7,090.04	31.05	15.45	70.14	516.96	-595.51	833.03	797.81	35.22	23.655	
7,800.00	7,152.72	7,087.12	7,085.67	33.39	15.44	68.42	516.95	-595.76	931.83	896.61	35.22	26.458	
7,900.00	7,153.01	7,082.95	7,081.51	35.82	15.43	66.82	516.95	-596.00	1,030.84	995.61	35.23	29.261	
8,000.00	7,153.31	7,078.97	7,077.54	38.33	15.43	65.32	516.94	-596.22	1,130.00	1,094.76	35.24	32.064	

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						
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	-129.09	-456.10	-561.34	723.48				
100.00	100.00	83.26	83.26	3.28	3.28	-129.11	-456.25	-561.20	723.26	715.91	7.35	98.340	
200.00	200.00	184.66	184.65	3.30	3.29	-129.15	-456.57	-560.78	723.14	715.76	7.39	97.896	
300.00	300.00	284.14	284.14	3.35	3.32	-68.20	-456.58	-560.50	722.76	715.31	7.45	96.952	
400.00	399.93	382.22	382.21	3.41	3.36	-68.47	-456.43	-560.56	721.44	713.88	7.56	95.486	
500.00	499.68	478.79	478.79	3.50	3.41	-68.98	-456.36	-561.01	719.21	711.52	7.69	93.522	
600.00	599.13	578.01	578.00	3.61	3.47	-69.76	-456.29	-561.86	716.12	708.26	7.86	91.057	
700.00	698.43	677.49	677.48	3.75	3.54	-70.60	-456.20	-562.68	712.64	704.57	8.08	88.252	
800.00	797.73	777.89	777.88	3.91	3.63	-71.45	-456.00	-563.52	709.26	700.94	8.32	85.249	
900.00	897.02	877.01	877.00	4.09	3.73	-72.30	-455.75	-564.28	705.95	697.36	8.59	82.150	
1,000.00	996.32	976.49	976.47	4.29	3.84	-73.15	-455.53	-565.08	702.84	693.95	8.89	79.022	
1,100.00	1,095.61	1,077.01	1,076.99	4.50	3.95	-74.03	-455.22	-565.86	699.81	690.59	9.22	75.898	
1,200.00	1,194.91	1,177.72	1,177.70	4.73	4.08	-74.91	-454.80	-566.46	696.75	687.18	9.57	72.822	
1,300.00	1,294.21	1,277.29	1,277.26	4.97	4.21	-75.78	-454.18	-567.10	693.73	683.80	9.93	69.842	
1,400.00	1,393.50	1,377.49	1,377.45	5.22	4.35	-76.64	-453.42	-567.84	690.83	680.52	10.32	66.972	
1,500.00	1,492.80	1,477.12	1,477.07	5.47	4.50	-77.51	-452.59	-568.50	687.99	677.28	10.71	64.227	
1,600.00	1,592.10	1,578.14	1,578.09	5.74	4.65	-78.37	-451.42	-569.40	685.22	674.09	11.12	61.601	
1,700.00	1,691.39	1,678.57	1,678.50	6.01	4.80	-79.20	-449.85	-570.42	682.36	670.81	11.55	59.098	
1,800.00	1,790.69	1,777.41	1,777.31	6.15	4.96	-79.99	-448.03	-571.73	679.62	667.98	11.64	58.387	
1,900.00	1,889.99	1,875.34	1,875.19	6.18	5.13	-80.69	-445.78	-573.84	677.17	665.34	11.83	57.244	
2,000.00	1,989.28	1,974.94	1,974.74	6.23	5.29	-81.40	-443.47	-576.28	675.00	662.96	12.04	56.051	
2,100.00	2,088.58	2,074.56	2,074.31	6.29	5.47	-82.12	-441.22	-578.60	672.90	660.62	12.28	54.815	
2,200.00	2,187.88	2,174.03	2,173.73	6.37	5.64	-82.87	-439.16	-580.67	670.92	658.39	12.53	53.553	
2,300.00	2,287.17	2,273.62	2,273.29	6.46	5.82	-83.65	-437.30	-582.50	669.08	656.28	12.80	52.276	
2,400.00	2,386.47	2,373.75	2,373.38	6.57	6.00	-84.44	-435.37	-584.34	667.32	654.23	13.09	50.986	
2,500.00	2,485.77	2,473.37	2,472.96	6.70	6.18	-85.23	-433.39	-586.17	665.62	652.23	13.39	49.697	
2,600.00	2,585.06	2,573.72	2,573.27	6.84	6.37	-86.01	-431.30	-588.07	664.02	650.30	13.72	48.414	
2,700.00	2,684.36	2,673.42	2,672.94	6.99	6.56	-86.82	-429.25	-589.73	662.43	648.38	14.05	47.144	
2,800.00	2,783.66	2,773.66	2,773.15	7.15	6.75	-87.63	-427.20	-591.33	660.96	646.55	14.40	45.895	
2,900.00	2,882.95	2,873.53	2,872.98	7.32	6.94	-88.44	-425.01	-592.96	659.50	644.74	14.76	44.669	
3,000.00	2,982.25	2,972.66	2,972.07	7.51	7.13	-89.23	-422.77	-594.72	658.19	643.05	15.14	43.482	
3,100.00	3,081.55	3,072.75	3,072.12	7.70	7.32	-90.04	-420.53	-596.50	657.04	641.51	15.52	42.327	
3,200.00	3,180.84	3,175.61	3,174.93	7.90	7.52	-90.87	-418.04	-598.10	655.75	639.82	15.92	41.180	
3,300.00	3,280.14	3,282.33	3,281.60	8.11	7.73	-91.78	-414.90	-599.01	653.80	637.46	16.34	40.009	
3,400.00	3,379.44	3,389.12	3,388.32	8.33	7.94	-92.76	-410.95	-598.75	650.84	634.07	16.77	38.816	
3,500.00	3,478.73	3,491.25	3,490.36	8.55	8.14	-93.82	-407.02	-596.93	647.25	630.06	17.19	37.645	
3,600.00	3,578.03	3,590.86	3,589.86	8.79	8.33	-94.98	-403.53	-593.88	643.67	626.04	17.62	36.522	
3,700.00	3,677.33	3,688.13	3,687.01	9.02	8.52	-96.17	-400.41	-590.48	640.45	622.40	18.06	35.468	
3,800.00	3,776.62	3,780.34	3,779.14	9.26	8.70	-97.34	-398.15	-587.10	638.17	619.68	18.49	34.519	
3,900.00	3,875.92	3,877.99	3,876.70	9.51	8.89	-98.64	-396.70	-583.22	636.98	618.05	18.93	33.647	
4,000.00	3,975.21	3,974.97	3,973.60	9.77	9.08	-99.93	-395.27	-579.61	636.24	616.86	19.38	32.833	
4,079.07	4,053.73	4,052.39	4,050.98	9.97	9.23	-100.90	-394.19	-577.27	636.12	616.38	19.74	32.232	CC
4,100.00	4,074.51	4,073.05	4,071.63	10.02	9.27	-101.16	-393.88	-576.72	636.12	616.29	19.83	32.078	
4,200.00	4,173.81	4,172.54	4,171.08	10.28	9.47	-102.34	-392.27	-574.51	636.32	616.03	20.29	31.361	
4,300.00	4,273.10	4,272.45	4,270.96	10.55	9.67	-103.47	-390.34	-572.96	636.68	615.93	20.75	30.677	ES
4,400.00	4,372.40	4,372.74	4,371.22	10.82	9.88	-104.57	-388.20	-571.64	637.15	615.93	21.22	30.023	
4,500.00	4,471.70	4,471.57	4,470.02	11.09	10.08	-105.64	-385.97	-570.46	637.77	616.08	21.69	29.403	
4,600.00	4,570.99	4,574.02	4,572.44	11.36	10.29	-106.75	-383.58	-569.17	638.52	616.35	22.17	28.804	
4,700.00	4,670.29	4,675.20	4,673.56	11.64	10.49	-107.87	-380.75	-567.46	638.96	616.32	22.64	28.217	
4,800.00	4,769.59	4,775.45	4,773.75	11.92	10.70	-109.01	-377.82	-565.47	639.47	616.35	23.12	27.657	
4,900.00	4,868.88	4,874.95	4,873.18	12.20	10.90	-110.15	-374.83	-563.25	640.11	616.51	23.60	27.126	
5,000.00	4,968.18	4,973.27	4,971.43	12.48	11.10	-111.29	-371.91	-561.02	641.05	616.97	24.07	26.629	
5,100.00	5,067.48	5,070.32	5,068.42	12.77	11.30	-112.38	-369.23	-559.03	642.46	617.92	24.55	26.173	
5,200.00	5,166.77	5,168.48	5,166.53	13.06	11.51	-113.47	-366.79	-557.29	644.43	619.40	25.02	25.753	
5,300.00	5,266.07	5,267.35	5,265.36	13.35	11.71	-114.54	-364.39	-555.72	646.70	621.20	25.50	25.358	
5,400.00	5,365.37	5,368.60	5,366.56	13.64	11.92	-115.63	-361.86	-554.08	649.13	623.15	25.99	24.979	
5,500.00	5,464.66	5,469.13	5,467.04	13.93	12.13	-116.72	-359.00	-552.23	651.44	624.97	26.47	24.611	
5,600.00	5,563.96	5,567.72	5,565.57	14.23	12.34	-117.77	-356.16	-550.54	653.94	626.99	26.95	24.266	
5,700.00	5,663.26	5,665.05	5,662.87	14.52	12.54	-118.76	-353.54	-549.29	656.86	629.43	27.43	23.949	
5,800.00	5,762.55	5,762.48	5,760.25	14.82	12.74	-119.74	-351.23	-548.15	660.30	632.40	27.91	23.662	
5,900.00	5,861.85	5,860.24	5,857.99	15.12	12.95	-120.71	-349.15	-546.98	664.18	635.80	28.38	23.400	
6,000.00	5,961.15	5,957.80	5,955.52	15.42	13.15	-121.68	-347.30	-545.69	668.49	639.63	28.86	23.163	
6,100.00	6,060.44	6,055.27	6,052.97	15.72	13.35	-122.62	-345.71	-544.47	673.27	643.93	29.34	22.949	
6,200.00	6,159.74	6,154.76	6,152.44	16.02	13.56	-123.57	-344.28	-543.31	678.40	648.58	29.82	22.750	
6,300.00	6,259.04	6,256.12	6,253.78	16.33	13.78	-124.50	-342.59	-542.34	683.49	653.18	30.31	22.553	
6,400.00	6,358.33	6,357.14	6,354.79	16.63	13.99	-125.39	-340.64	-541.67	688.45	657.65	30.79	22.357	

Offset Design		5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2° CONE_2.448										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						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	6,457.63	6,456.48	6,454.10	16.94	14.20	-126.25	-338.59	-541.19	693.41	662.13	31.28	22.170	
6,600.00	6,556.93	6,555.53	6,553.13	17.24	14.41	-127.07	-336.65	-540.88	698.61	666.85	31.76	21.996	
6,700.00	6,655.60	6,648.64	6,646.23	17.58	14.61	-113.11	-335.04	-540.71	704.80	672.56	32.25	21.857	
6,800.00	6,750.90	6,733.99	6,731.57	18.03	14.78	-108.27	-334.57	-539.86	715.12	682.34	32.78	21.816 SF	
6,900.00	6,840.42	6,815.06	6,812.63	18.62	14.95	-107.21	-335.05	-538.55	730.96	697.59	33.37	21.902	
7,000.00	6,921.96	6,891.86	6,889.41	19.38	15.11	-107.27	-336.08	-537.24	753.60	719.57	34.03	22.142	
7,100.00	6,993.53	6,960.72	6,958.25	20.35	15.24	-107.25	-337.37	-536.34	784.36	749.60	34.76	22.567	
7,200.00	7,053.34	7,018.66	7,016.17	21.56	15.36	-106.37	-338.74	-535.98	824.17	788.65	35.52	23.203	
7,300.00	7,099.94	7,064.22	7,061.72	23.05	15.45	-104.05	-340.13	-536.11	873.32	837.03	36.29	24.064	
7,400.00	7,132.16	7,097.10	7,094.57	24.79	15.52	-99.87	-341.34	-536.46	931.14	894.12	37.02	25.152	
7,500.00	7,149.23	7,111.16	7,108.61	26.74	15.55	-93.13	-341.92	-536.65	996.25	958.62	37.63	26.475	
7,600.00	7,152.13	7,114.08	7,111.53	28.83	15.55	-88.33	-342.05	-536.69	1,066.70	1,028.58	38.11	27.987	
7,700.00	7,152.42	7,115.12	7,112.57	31.05	15.56	-88.41	-342.10	-536.70	1,141.47	1,102.93	38.54	29.617	

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)		
5,600.00	5,563.96	5,755.59	5,681.05	14.23	24.86	42.15	1,406.64	-929.98	1,183.44	1,151.35	32.09	36.879	
5,700.00	5,663.26	5,826.26	5,751.38	14.52	25.05	42.55	1,401.32	-925.44	1,165.46	1,132.84	32.63	35.723	
5,800.00	5,762.55	5,900.00	5,824.91	14.82	25.22	42.95	1,397.17	-921.90	1,149.86	1,116.71	33.15	34.685	
5,900.00	5,861.85	5,969.66	5,894.49	15.12	25.35	43.30	1,394.58	-919.69	1,136.63	1,102.98	33.65	33.782	
6,000.00	5,961.15	6,120.06	5,955.15	15.42	25.61	43.59	1,393.11	-918.43	1,125.54	1,091.26	34.29	32.827	
6,100.00	6,060.44	6,129.64	6,054.44	15.72	25.62	44.01	1,393.11	-918.43	1,116.97	1,082.31	34.65	32.233	
6,200.00	6,159.74	6,228.94	6,153.74	16.02	25.78	44.43	1,393.11	-918.43	1,108.45	1,073.24	35.21	31.483	
6,300.00	6,259.04	6,328.23	6,253.04	16.33	25.93	44.86	1,393.11	-918.43	1,100.00	1,064.23	35.77	30.756	
6,400.00	6,358.33	6,427.53	6,352.33	16.63	26.09	45.30	1,393.11	-918.43	1,091.61	1,055.29	36.32	30.052	
6,500.00	6,457.63	6,526.83	6,451.63	16.94	26.25	45.74	1,393.11	-918.43	1,083.28	1,046.40	36.88	29.370	
6,600.00	6,556.93	6,626.12	6,550.93	17.24	26.40	46.19	1,393.11	-918.43	1,075.02	1,037.58	37.44	28.709	
6,700.00	6,655.60	6,700.00	6,624.74	17.58	26.50	61.68	1,393.03	-920.86	1,066.63	1,028.68	37.95	28.107	
6,800.00	6,750.90	6,779.21	6,703.16	18.03	26.52	69.07	1,392.67	-931.72	1,057.08	1,018.53	38.55	27.424	
6,900.00	6,840.42	6,854.87	6,776.51	18.62	26.50	73.25	1,392.06	-950.11	1,046.70	1,007.43	39.27	26.651	
7,000.00	6,921.96	6,931.54	6,848.44	19.38	26.44	76.55	1,391.19	-976.53	1,035.95	995.76	40.19	25.777	
7,100.00	6,993.53	7,009.57	6,918.32	20.35	26.34	79.57	1,390.05	-1,011.15	1,025.38	984.03	41.34	24.802	
7,200.00	7,053.34	7,089.34	6,985.43	21.56	26.21	82.48	1,388.64	-1,054.17	1,015.57	972.78	42.80	23.730	
7,300.00	7,099.94	7,171.35	7,049.00	23.05	26.06	85.36	1,386.93	-1,105.89	1,007.19	962.57	44.61	22.577	
7,400.00	7,132.16	7,256.25	7,108.12	24.79	25.91	88.19	1,384.93	-1,166.71	1,000.86	954.07	46.79	21.392	
7,500.00	7,149.23	7,344.84	7,161.70	26.74	25.77	90.95	1,382.61	-1,237.16	997.20	947.91	49.29	20.232	
7,586.44	7,153.92	7,426.42	7,202.99	28.54	25.67	93.17	1,380.29	-1,307.42	996.30	944.62	51.68	19.279	
7,600.00	7,152.13	7,438.94	7,208.61	28.83	25.65	93.60	1,379.93	-1,318.60	996.55	944.48	52.07	19.137	
7,700.00	7,152.42	7,544.91	7,248.15	31.05	25.62	95.86	1,376.69	-1,416.77	997.16	941.88	55.29	18.037	
7,800.00	7,152.72	7,661.72	7,274.42	33.39	26.03	97.36	1,372.95	-1,530.38	997.14	938.03	59.11	16.869	
7,900.00	7,153.01	7,780.77	7,282.00	35.82	27.70	97.79	1,369.04	-1,649.01	995.26	931.73	63.53	15.665	
8,000.00	7,153.31	7,880.74	7,282.00	38.33	29.80	97.80	1,365.75	-1,748.92	992.56	924.42	68.13	14.568	
8,100.00	7,153.61	7,980.70	7,282.00	40.90	32.18	97.80	1,362.46	-1,848.83	989.86	916.84	73.01	13.557	
8,200.00	7,153.90	8,080.66	7,282.00	43.52	34.75	97.81	1,359.17	-1,948.74	987.16	909.04	78.11	12.638	
8,300.00	7,154.20	8,180.63	7,282.00	46.18	37.45	97.81	1,355.88	-2,048.65	984.46	901.06	83.40	11.804	
8,400.00	7,154.49	8,280.59	7,282.00	48.87	40.27	97.81	1,352.59	-2,148.56	981.75	892.93	88.83	11.052	
8,500.00	7,154.79	8,380.56	7,282.00	51.60	43.17	97.82	1,349.30	-2,248.47	979.05	884.67	94.38	10.373	
8,600.00	7,155.08	8,480.52	7,282.00	54.35	46.14	97.82	1,346.01	-2,348.37	976.35	876.32	100.03	9.760	
8,700.00	7,155.38	8,580.48	7,282.00	57.12	49.17	97.83	1,342.71	-2,448.28	973.65	867.88	105.77	9.206	
8,800.00	7,155.67	8,680.45	7,282.00	59.91	52.24	97.83	1,339.42	-2,548.19	970.95	859.38	111.57	8.703	
8,900.00	7,155.97	8,780.41	7,282.00	62.71	55.36	97.84	1,336.13	-2,648.10	968.25	850.82	117.43	8.245	
9,000.00	7,156.26	8,880.37	7,282.00	65.53	58.51	97.84	1,332.84	-2,748.01	965.55	842.21	123.34	7.828	
9,100.00	7,156.56	8,980.34	7,282.00	68.36	61.69	97.84	1,329.55	-2,847.92	962.85	833.56	129.29	7.447	
9,200.00	7,156.85	9,080.30	7,282.00	71.20	64.89	97.85	1,326.26	-2,947.83	960.15	824.87	135.28	7.097	
9,300.00	7,157.15	9,180.26	7,282.00	74.05	68.12	97.85	1,322.97	-3,047.74	957.45	816.15	141.30	6.776	
9,400.00	7,157.44	9,280.23	7,282.00	76.91	71.36	97.86	1,319.68	-3,147.65	954.75	807.40	147.35	6.480	
9,500.00	7,157.74	9,380.19	7,282.00	79.78	74.62	97.86	1,316.39	-3,247.56	952.05	798.63	153.42	6.206	
9,600.00	7,158.03	9,480.15	7,282.00	82.65	77.89	97.87	1,313.10	-3,347.47	949.35	789.84	159.51	5.952	
9,700.00	7,158.33	9,580.12	7,282.00	85.53	81.18	97.87	1,309.81	-3,447.38	946.65	781.03	165.62	5.716	
9,800.00	7,158.63	9,680.08	7,282.00	88.41	84.48	97.88	1,306.51	-3,547.29	943.95	772.20	171.75	5.496	
9,900.00	7,158.92	9,780.04	7,282.00	91.30	87.79	97.88	1,303.22	-3,647.20	941.25	763.36	177.89	5.291	
10,000.00	7,159.22	9,880.01	7,282.00	94.20	91.10	97.89	1,299.93	-3,747.11	938.55	754.51	184.04	5.100	
10,100.00	7,159.51	9,979.97	7,282.00	97.10	94.43	97.89	1,296.64	-3,847.01	935.85	745.64	190.21	4.920	
10,200.00	7,159.81	10,079.93	7,282.00	100.00	97.76	97.89	1,293.35	-3,946.92	933.15	736.76	196.38	4.752	
10,300.00	7,160.10	10,179.90	7,282.00	102.90	101.10	97.90	1,290.06	-4,046.83	930.45	727.88	202.57	4.593	
10,400.00	7,160.40	10,279.86	7,282.00	105.81	104.44	97.90	1,286.77	-4,146.74	927.75	718.98	208.76	4.444	
10,500.00	7,160.69	10,379.83	7,282.00	108.72	107.79	97.91	1,283.48	-4,246.65	925.04	710.08	214.97	4.303	
10,600.00	7,160.99	10,479.79	7,282.00	111.64	111.14	97.91	1,280.19	-4,346.56	922.34	701.17	221.18	4.170	
10,700.00	7,161.28	10,579.75	7,282.00	114.55	114.50	97.92	1,276.90	-4,446.47	919.64	692.25	227.39	4.044	
10,800.00	7,161.58	10,679.72	7,282.00	117.47	117.86	97.92	1,273.60	-4,546.38	916.94	683.33	233.62	3.925	
10,900.00	7,161.87	10,779.68	7,282.00	120.39	121.23	97.93	1,270.31	-4,646.29	914.24	674.40	239.84	3.812	
11,000.00	7,162.17	10,879.64	7,282.00	123.31	124.60	97.93	1,267.02	-4,746.20	911.54	665.46	246.08	3.704	
11,100.00	7,162.46	10,979.61	7,282.00	126.24	127.97	97.94	1,263.73	-4,846.11	908.84	656.53	252.32	3.602	
11,200.00	7,162.76	11,079.57	7,282.00	129.16	131.35	97.94	1,260.44	-4,946.02	906.14	647.58	258.56	3.505	
11,300.00	7,163.06	11,179.53	7,282.00	132.09	134.73	97.95	1,257.15	-5,045.93	903.44	638.64	264.81	3.412	
11,400.00	7,163.35	11,279.50	7,282.00	135.02	138.11	97.95	1,253.86	-5,145.84	900.74	629.69	271.06	3.323	
11,500.00	7,163.65	11,379.46	7,282.00	137.95	141.49	97.96	1,250.57	-5,245.74	898.04	620.73	277.31	3.238	
11,600.00	7,163.94	11,479.42	7,282.00	140.88	144.88	97.96	1,247.28	-5,345.65	895.34	611.77	283.57	3.157	
11,700.00	7,164.24	11,579.39	7,282.00	143.82	148.26	97.97	1,243.99	-5,445.56	892.64	602.81	289.83	3.080	
11,800.00	7,164.53	11,679.35	7,282.00	146.75	151.65	97.97	1,240.70	-5,545.47	889.94	593.85	296.09	3.006	
11,900.00	7,164.83	11,779.31	7,282.00	149.69	155.05	97.98	1,237.40	-5,645.38	887.24	584.88	302.35	2.934	
12,000.00	7,165.12	11,879.28	7,282.00	152.62									

Offset Design		5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-9H - SRC Energy Planned Well - Planned Ensign Dir											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft) +E/-W (usft)		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,100.00	7,165.42	11,963.30	7,282.00	155.56	161.29	97.99	1,231.35	-5,829.27	881.98	567.66	314.32	2.806		
12,107.88	7,165.44	11,963.30	7,282.00	155.79	161.29	97.99	1,231.35	-5,829.27	881.95	567.45	314.49	2.804 CC, ES, SF		
12,200.00	7,165.71	11,963.30	7,282.00	158.50	161.29	97.99	1,231.35	-5,829.27	886.75	572.02	314.72	2.818		
12,300.00	7,166.01	11,963.30	7,282.00	161.44	161.29	97.99	1,231.35	-5,829.27	902.63	591.30	311.33	2.899		
12,400.00	7,166.30	11,963.30	7,282.00	164.38	161.29	97.99	1,231.35	-5,829.27	929.07	624.42	304.65	3.050		
12,500.00	7,166.60	11,963.30	7,282.00	167.32	161.29	97.99	1,231.35	-5,829.27	965.19	669.76	295.43	3.267		
12,600.00	7,166.89	11,963.30	7,282.00	170.26	161.29	97.99	1,231.35	-5,829.27	1,009.96	725.46	284.50	3.550		
12,700.00	7,167.19	11,963.30	7,282.00	173.20	161.29	97.99	1,231.35	-5,829.27	1,062.28	789.65	272.63	3.896		
12,800.00	7,167.49	11,963.30	7,282.00	176.14	161.29	97.99	1,231.35	-5,829.27	1,121.10	860.67	260.43	4.305		
12,900.00	7,167.78	11,963.30	7,282.00	179.09	161.29	97.99	1,231.35	-5,829.27	1,185.45	937.10	248.35	4.773		

Offset Design		5N-67W-11 Offsets Need Directional Surveys - ARTIST 11-12 - SRC Energy SI Well - No Surveys										Offset Site Error:		0.00 usft	
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
13,300.00	7,168.96	7,232.96	7,232.96	190.86	254.53	89.60	786.01	-8,063.57	1,134.01	804.33	329.68	3.440			
13,400.00	7,169.26	7,233.26	7,233.26	193.81	254.54	89.64	786.01	-8,063.57	1,042.63	705.47	337.16	3.092			
13,500.00	7,169.55	7,233.55	7,233.55	196.76	254.55	89.68	786.01	-8,063.57	952.99	607.01	345.98	2.754			
13,600.00	7,169.85	7,233.85	7,233.85	199.70	254.56	89.71	786.01	-8,063.57	865.62	509.18	356.44	2.429			
13,700.00	7,170.14	7,234.14	7,234.14	202.65	254.57	89.75	786.01	-8,063.57	781.28	412.40	368.88	2.118			
13,800.00	7,170.44	7,234.44	7,234.44	205.60	254.58	89.79	786.01	-8,063.57	701.07	317.41	383.66	1.827			
13,900.00	7,170.73	7,234.73	7,234.73	208.55	254.59	89.83	786.01	-8,063.57	626.58	225.57	401.01	1.562			
14,000.00	7,171.03	7,235.03	7,235.03	211.49	254.60	89.87	786.01	-8,063.57	560.09	139.33	420.76	1.331	Level 3		
14,100.00	7,171.32	7,235.32	7,235.32	214.44	254.61	89.91	786.01	-8,063.57	504.79	63.06	441.73	1.143	Level 2		
14,200.00	7,171.62	7,235.62	7,235.62	217.39	254.62	89.94	786.01	-8,063.57	464.66	3.63	461.03	1.008	Level 2		
14,300.00	7,171.92	7,235.92	7,235.92	220.34	254.64	89.98	786.01	-8,063.57	443.86	-30.29	474.15	0.936	Level 1		
14,344.49	7,172.05	7,236.05	7,236.05	221.65	254.64	90.00	786.01	-8,063.57	441.63	-35.23	476.86	0.926	Level 1, CC, ES, SF		
14,400.00	7,172.21	7,236.21	7,236.21	223.29	254.65	90.02	786.01	-8,063.57	445.10	-32.04	477.14	0.933	Level 1		
14,500.00	7,172.51	7,236.51	7,236.51	226.24	254.66	90.06	786.01	-8,063.57	468.21	-1.53	469.74	0.997	Level 1		
14,600.00	7,172.80	7,236.80	7,236.80	229.19	254.67	90.10	786.01	-8,063.57	510.21	54.77	455.44	1.120	Level 2		
14,700.00	7,173.10	7,237.10	7,237.10	232.14	254.68	90.14	786.01	-8,063.57	566.94	128.40	438.54	1.293	Level 3		
14,800.00	7,173.39	7,237.39	7,237.39	235.09	254.69	90.17	786.01	-8,063.57	634.45	212.53	421.92	1.504			
14,900.00	7,173.69	7,237.69	7,237.69	238.05	254.70	90.21	786.01	-8,063.57	709.66	302.75	406.91	1.744			
15,000.00	7,173.98	7,237.98	7,237.98	241.00	254.71	90.25	786.01	-8,063.57	790.40	396.52	393.87	2.007			
15,100.00	7,174.28	7,238.28	7,238.28	243.95	254.72	90.29	786.01	-8,063.57	875.11	492.38	382.73	2.287			
15,200.00	7,174.57	7,238.57	7,238.57	246.90	254.73	90.33	786.01	-8,063.57	962.77	589.52	373.25	2.579			
15,300.00	7,174.87	7,238.87	7,238.87	249.85	254.74	90.37	786.01	-8,063.57	1,052.63	687.46	365.17	2.883			
15,400.00	7,175.16	7,239.16	7,239.16	252.80	254.75	90.40	786.01	-8,063.57	1,144.17	785.92	358.25	3.194			

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						
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth 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
15,400.00	7,175.16	7,343.06	7,203.70	252.80	30.25	-88.67	-45.58	-10,229.05	1,176.94	1,060.02	116.92	10.066	
15,500.00	7,175.46	7,343.08	7,203.73	255.76	30.25	-88.67	-45.58	-10,229.05	1,082.68	957.88	124.80	8.675	
15,600.00	7,175.75	7,343.10	7,203.75	258.71	30.25	-88.68	-45.58	-10,229.05	989.55	855.44	134.11	7.379	
15,700.00	7,176.05	7,343.13	7,203.78	261.66	30.25	-88.68	-45.58	-10,229.05	897.90	752.69	145.20	6.184	
15,800.00	7,176.35	7,343.15	7,203.80	264.62	30.25	-88.68	-45.58	-10,229.05	808.22	649.69	158.54	5.098	
15,900.00	7,176.64	7,343.17	7,203.82	267.57	30.25	-88.69	-45.58	-10,229.05	721.27	546.59	174.68	4.129	
16,000.00	7,176.94	7,343.20	7,203.85	270.52	30.25	-88.69	-45.58	-10,229.05	638.15	443.90	194.25	3.285	
16,100.00	7,177.23	7,343.22	7,203.87	273.48	30.25	-88.69	-45.58	-10,229.05	560.58	342.80	217.78	2.574	
16,200.00	7,177.53	7,343.25	7,203.89	276.43	30.25	-88.70	-45.58	-10,229.05	491.18	246.09	245.09	2.004	
16,300.00	7,177.82	7,343.29	7,203.94	279.38	30.25	-88.71	-45.58	-10,229.05	433.89	159.79	274.10	1.583	
16,400.00	7,178.12	7,343.34	7,203.99	282.34	30.25	-88.71	-45.58	-10,229.05	394.05	95.01	299.04	1.318	Level 3
16,500.00	7,178.41	7,343.39	7,204.04	285.29	30.25	-88.72	-45.59	-10,229.05	377.20	66.35	310.85	1.213	Level 2
16,514.96	7,178.46	7,343.39	7,204.04	285.73	30.25	-88.72	-45.59	-10,229.05	376.90	65.89	311.02	1.212	Level 2, CC, ES, SF
16,600.00	7,178.71	7,343.43	7,204.08	288.25	30.25	-88.73	-45.59	-10,229.05	386.38	82.55	303.83	1.272	Level 3
16,700.00	7,179.00	7,343.48	7,204.13	291.20	30.25	-88.73	-45.59	-10,229.05	419.88	137.86	282.01	1.489	Level 3
16,800.00	7,179.30	7,343.53	7,204.18	294.16	30.25	-88.74	-45.59	-10,229.05	472.55	218.02	254.53	1.857	
16,900.00	7,179.59	7,343.58	7,204.23	297.11	30.25	-88.75	-45.59	-10,229.05	538.81	310.86	227.94	2.364	
17,000.00	7,179.89	7,343.63	7,204.28	300.07	30.25	-88.76	-45.59	-10,229.05	614.26	409.42	204.85	2.999	
17,100.00	7,180.18	7,343.68	7,204.33	303.02	30.25	-88.76	-45.59	-10,229.05	695.94	510.34	185.60	3.750	
17,200.00	7,180.48	7,343.73	7,204.38	305.98	30.25	-88.77	-45.59	-10,229.05	781.88	612.11	169.76	4.606	
17,300.00	7,180.78	7,343.78	7,204.43	308.93	30.25	-88.78	-45.59	-10,229.05	870.83	714.10	156.72	5.556	
17,376.19	7,181.00	7,343.82	7,204.47	311.18	30.25	-88.79	-45.60	-10,229.05	940.09	791.78	148.32	6.338	

Offset Design		5N-67W-11 Offsets Need Directional Surveys - SKYWAY 3-11 Approximation - Noble Energy PR Well -										Offset Site Error:		0.00 usft	
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth 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			
14,800.00	7,173.39	7,419.54	7,219.07	235.09	37.31	91.69	624.54	-9,587.64	1,108.04	1,022.09	85.95	12.891			
14,900.00	7,173.69	7,418.77	7,218.31	238.05	37.31	91.53	624.54	-9,587.64	1,011.85	919.51	92.34	10.958			
15,000.00	7,173.98	7,418.01	7,217.54	241.00	37.31	91.38	624.54	-9,587.65	916.48	816.35	100.13	9.153			
15,100.00	7,174.28	7,417.24	7,216.77	243.95	37.31	91.23	624.54	-9,587.66	822.20	712.44	109.76	7.491			
15,200.00	7,174.57	7,416.47	7,216.00	246.90	37.31	91.08	624.54	-9,587.67	729.46	607.59	121.87	5.986			
15,300.00	7,174.87	7,415.69	7,215.23	249.85	37.31	90.93	624.55	-9,587.68	638.90	501.54	137.36	4.651			
15,400.00	7,175.16	7,414.92	7,214.45	252.80	37.30	90.77	624.55	-9,587.69	551.61	394.14	157.47	3.503			
15,500.00	7,175.46	7,414.14	7,213.67	255.76	37.30	90.62	624.55	-9,587.69	469.43	285.63	183.80	2.554			
15,600.00	7,175.75	7,413.36	7,212.89	258.71	37.30	90.46	624.55	-9,587.70	395.53	177.91	217.62	1.817			
15,700.00	7,176.05	7,412.57	7,212.11	261.66	37.30	90.31	624.55	-9,587.71	335.45	78.05	257.40	1.303	Level 3		
15,800.00	7,176.35	7,411.79	7,211.32	264.62	37.30	90.15	624.55	-9,587.72	297.67	4.87	292.80	1.017	Level 2		
15,869.60	7,176.55	7,411.24	7,210.77	266.67	37.30	90.04	624.55	-9,587.73	289.42	-14.86	304.28	0.951	Level 1, CC, ES, SF		
15,900.00	7,176.64	7,411.00	7,210.53	267.57	37.30	90.00	624.55	-9,587.73	291.01	-13.26	304.27	0.956	Level 1		
16,000.00	7,176.94	7,410.20	7,209.74	270.52	37.30	89.84	624.55	-9,587.74	317.44	32.42	285.02	1.114	Level 2		
16,100.00	7,177.23	7,409.41	7,208.94	273.48	37.30	89.68	624.55	-9,587.75	369.92	118.87	251.05	1.474	Level 3		
16,200.00	7,177.53	7,408.61	7,208.14	276.43	37.30	89.52	624.55	-9,587.75	439.22	221.49	217.74	2.017			
16,300.00	7,177.82	7,407.81	7,207.34	279.38	37.29	89.37	624.55	-9,587.76	518.64	328.34	190.30	2.725			
16,400.00	7,178.12	7,407.01	7,206.54	282.34	37.29	89.21	624.55	-9,587.77	604.21	435.39	168.81	3.579			
16,500.00	7,178.41	7,406.20	7,205.74	285.29	37.29	89.05	624.55	-9,587.78	693.64	541.56	152.08	4.561			
16,600.00	7,178.71	7,405.39	7,204.93	288.25	37.29	88.89	624.55	-9,587.79	785.63	646.70	138.92	5.655			
16,700.00	7,179.00	7,404.58	7,204.12	291.20	37.29	88.73	624.55	-9,587.80	879.36	750.94	128.42	6.847			
16,800.00	7,179.30	7,403.77	7,203.30	294.16	37.29	88.57	624.55	-9,587.81	974.34	854.43	119.92	8.125			
16,900.00	7,179.59	7,402.95	7,202.48	297.11	37.29	88.40	624.55	-9,587.82	1,070.24	957.31	112.93	9.477			
17,000.00	7,179.89	7,402.13	7,201.66	300.07	37.29	88.24	624.55	-9,587.83	1,166.82	1,059.72	107.11	10.894			

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			
16,200.00	7,177.53	7,200.47	7,199.53	276.43	253.38	89.65	821.36	-10,953.36	1,146.19	773.21	372.99	3.073			
16,300.00	7,177.82	7,200.18	7,199.82	279.38	253.37	89.68	821.36	-10,953.36	1,056.86	672.64	384.22	2.751			
16,400.00	7,178.12	7,200.12	7,200.12	282.34	253.37	89.71	821.36	-10,953.36	969.61	572.34	397.28	2.441			
16,500.00	7,178.41	7,200.41	7,200.41	285.29	253.38	89.75	821.36	-10,953.36	885.07	472.56	412.50	2.146			
16,600.00	7,178.71	7,200.71	7,200.71	288.25	253.39	89.78	821.36	-10,953.36	804.08	373.85	430.23	1.869			
16,700.00	7,179.00	7,201.00	7,201.00	291.20	253.40	89.82	821.36	-10,953.36	727.83	277.13	450.70	1.615			
16,800.00	7,179.30	7,201.30	7,201.30	294.16	253.41	89.85	821.36	-10,953.36	657.97	184.10	473.88	1.388	Level 3		
16,900.00	7,179.59	7,201.59	7,201.59	297.11	253.42	89.89	821.36	-10,953.36	596.76	97.71	499.05	1.196	Level 2		
17,000.00	7,179.89	7,201.89	7,201.89	300.07	253.43	89.92	821.36	-10,953.36	547.10	22.86	524.24	1.044	Level 2		
17,100.00	7,180.18	7,202.18	7,202.18	303.02	253.44	89.95	821.36	-10,953.36	512.36	-33.45	545.81	0.939	Level 1		
17,200.00	7,180.48	7,202.48	7,202.48	305.98	253.45	89.99	821.36	-10,953.36	495.69	-63.39	559.08	0.887	Level 1		
17,234.03	7,180.58	7,202.58	7,202.58	306.98	253.45	90.00	821.36	-10,953.36	494.52	-66.48	561.01	0.881	Level 1, CC, ES, SF		
17,300.00	7,180.78	7,202.78	7,202.78	308.93	253.46	90.02	821.36	-10,953.36	498.90	-61.75	560.66	0.890	Level 1		
17,376.19	7,181.00	7,203.00	7,203.00	311.18	253.47	90.05	821.36	-10,953.36	514.55	-39.46	554.01	0.929	Level 1		

Offset Design		5N-67W-11 Offsets Need Directional Surveys - SKYWAY 5-11 - 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		
16,900.00	7,179.59	7,221.59	7,221.59	297.11	254.13	-89.92	-734.13	-11,089.38	1,163.51	636.67	526.84	2.208		
17,000.00	7,179.89	7,221.89	7,221.89	300.07	254.14	-89.94	-734.13	-11,089.38	1,125.99	587.64	538.35	2.092		
17,100.00	7,180.18	7,222.18	7,222.18	303.02	254.15	-89.96	-734.13	-11,089.38	1,096.34	547.79	548.55	1.999		
17,200.00	7,180.48	7,222.48	7,222.48	305.98	254.16	-89.97	-734.13	-11,089.38	1,075.20	518.27	556.93	1.931		
17,300.00	7,180.78	7,222.78	7,222.78	308.93	254.17	-89.99	-734.13	-11,089.38	1,063.09	500.06	563.03	1.888		
17,376.19	7,181.00	7,223.00	7,223.00	311.18	254.18	-90.00	-734.13	-11,089.38	1,060.12	494.18	565.94	1.873	CC, ES, SF	

Offset Design		5N-67W-11 Offsets Need Directional Surveys - SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)						
15,300.00	7,174.87	7,571.98	7,216.87	249.85	43.40	-89.91	-689.20	-9,580.01	1,172.20	911.83	260.37	4.502		
15,400.00	7,175.16	7,571.69	7,217.16	252.80	43.40	-89.92	-689.20	-9,580.01	1,126.97	854.42	272.55	4.135		
15,500.00	7,175.46	7,571.39	7,217.46	255.76	43.40	-89.94	-689.20	-9,580.01	1,089.08	805.13	283.96	3.835		
15,600.00	7,175.75	7,571.10	7,217.75	258.71	43.40	-89.96	-689.20	-9,580.01	1,059.31	765.26	294.04	3.603		
15,700.00	7,176.05	7,570.80	7,218.05	261.66	43.40	-89.97	-689.20	-9,580.01	1,038.34	736.08	302.26	3.435		
15,800.00	7,176.35	7,570.51	7,218.35	264.62	43.40	-89.99	-689.20	-9,580.01	1,026.73	718.61	308.13	3.332		
15,869.86	7,176.55	7,570.30	7,218.55	266.68	43.40	-90.00	-689.20	-9,580.01	1,024.35	713.71	310.64	3.298 CC		
15,900.00	7,176.64	7,570.21	7,218.64	267.57	43.40	-90.00	-689.20	-9,580.01	1,024.80	713.50	311.30	3.292 ES, SF		
16,000.00	7,176.94	7,569.92	7,218.94	270.52	43.40	-90.02	-689.20	-9,580.01	1,032.59	720.92	311.67	3.313		
16,100.00	7,177.23	7,569.62	7,219.23	273.48	43.40	-90.04	-689.20	-9,580.01	1,049.89	740.55	309.34	3.394		
16,200.00	7,177.53	7,569.32	7,219.53	276.43	43.40	-90.05	-689.20	-9,580.01	1,076.24	771.60	304.64	3.533		
16,300.00	7,177.82	7,569.03	7,219.82	279.38	43.40	-90.07	-689.20	-9,580.01	1,111.00	812.98	298.02	3.728		
16,400.00	7,178.12	7,568.73	7,220.12	282.34	43.40	-90.09	-689.20	-9,580.01	1,153.41	863.43	289.98	3.978		

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	
16,600.00	7,178.71	7,320.72	7,218.65	288.25	26.56	-90.73	126.93	-11,474.42	1,175.88	1,094.31	81.56	14.417	
16,700.00	7,179.00	7,320.27	7,218.20	291.20	26.56	-90.60	126.93	-11,474.42	1,077.42	991.50	85.92	12.540	
16,800.00	7,179.30	7,319.83	7,217.76	294.16	26.56	-90.47	126.94	-11,474.43	979.27	888.06	91.20	10.737	
16,900.00	7,179.59	7,319.39	7,217.32	297.11	26.56	-90.34	126.94	-11,474.43	881.54	783.81	97.72	9.021	
17,000.00	7,179.89	7,318.95	7,216.88	300.07	26.56	-90.22	126.95	-11,474.43	784.37	678.45	105.92	7.405	
17,100.00	7,180.18	7,318.51	7,216.44	303.02	26.56	-90.09	126.96	-11,474.43	688.03	571.56	116.46	5.908	
17,200.00	7,180.48	7,318.08	7,216.01	305.98	26.56	-89.96	126.96	-11,474.44	592.89	462.50	130.39	4.547	
17,300.00	7,180.78	7,317.65	7,215.57	308.93	26.55	-89.84	126.97	-11,474.44	499.66	350.27	149.39	3.345	
17,376.19	7,181.00	7,317.32	7,215.25	311.18	26.55	-89.74	126.97	-11,474.44	430.66	261.76	168.90	2.550 CC, ES, SF	

Offset Design		5N-67W-11 Offsets Need Directional Surveys - SWAFFORD 11-11 - SRC Energy PR Well - No Surveys										Offset Site Error:		0.00 usft	
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	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)				
12,600.00	7,166.89	7,213.89	7,213.89	170.26	253.86	89.71	923.11	-7,291.17	1,128.21	787.63	340.58	3.313			
12,700.00	7,167.19	7,214.19	7,214.19	173.20	253.87	89.74	923.11	-7,291.17	1,043.37	694.32	349.05	2.989			
12,800.00	7,167.49	7,214.49	7,214.49	176.14	253.88	89.77	923.11	-7,291.17	961.44	602.68	358.76	2.680			
12,900.00	7,167.78	7,214.78	7,214.78	179.09	253.89	89.80	923.11	-7,291.17	883.24	513.40	369.84	2.388			
13,000.00	7,168.08	7,215.08	7,215.08	182.03	253.90	89.83	923.11	-7,291.17	809.85	427.47	382.38	2.118			
13,100.00	7,168.37	7,215.37	7,215.37	184.97	253.91	89.86	923.11	-7,291.17	742.70	346.41	396.29	1.874			
13,200.00	7,168.67	7,215.67	7,215.67	187.92	253.92	89.89	923.11	-7,291.17	683.63	272.47	411.16	1.663			
13,300.00	7,168.96	7,215.96	7,215.96	190.86	253.93	89.92	923.11	-7,291.17	634.90	208.82	426.08	1.490	Level 3		
13,400.00	7,169.26	7,216.26	7,216.26	193.81	253.94	89.95	923.11	-7,291.17	599.04	159.54	439.50	1.363	Level 3		
13,500.00	7,169.55	7,216.55	7,216.55	196.76	253.95	89.98	923.11	-7,291.17	578.44	129.01	449.43	1.287	Level 3		
13,571.27	7,169.76	7,216.76	7,216.76	198.86	253.96	90.00	923.11	-7,291.17	574.04	120.66	453.38	1.266	Level 3, CC		
13,600.00	7,169.85	7,216.85	7,216.85	199.70	253.96	90.01	923.11	-7,291.17	574.75	120.63	454.12	1.266	Level 3, ES, SF		
13,700.00	7,170.14	7,217.14	7,217.14	202.65	253.97	90.04	923.11	-7,291.17	588.29	135.32	452.98	1.299	Level 3		
13,800.00	7,170.44	7,217.44	7,217.44	205.60	253.98	90.07	923.11	-7,291.17	617.93	171.12	446.81	1.383	Level 3		
13,900.00	7,170.73	7,217.73	7,217.73	208.55	253.99	90.10	923.11	-7,291.17	661.50	224.15	437.35	1.513			
14,000.00	7,171.03	7,218.03	7,218.03	211.49	254.00	90.13	923.11	-7,291.17	716.47	290.13	426.34	1.681			
14,100.00	7,171.32	7,218.32	7,218.32	214.44	254.01	90.16	923.11	-7,291.17	780.43	365.35	415.08	1.880			
14,200.00	7,171.62	7,218.62	7,218.62	217.39	254.02	90.19	923.11	-7,291.17	851.36	447.02	404.35	2.106			
14,300.00	7,171.92	7,218.92	7,218.92	220.34	254.03	90.21	923.11	-7,291.17	927.67	533.17	394.49	2.352			
14,400.00	7,172.21	7,219.21	7,219.21	223.29	254.04	90.24	923.11	-7,291.17	1,008.12	622.48	385.64	2.614			
14,500.00	7,172.51	7,219.51	7,219.51	226.24	254.05	90.27	923.11	-7,291.17	1,091.81	714.05	377.76	2.890			
14,600.00	7,172.80	7,219.80	7,219.80	229.19	254.06	90.30	923.11	-7,291.17	1,178.05	807.25	370.80	3.177			

Offset Design		5N-67W-12 Offsets - BORESEN 1 - 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 Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
7,500.00	7,149.23	7,135.23	7,135.23	26.74	251.07	-87.44	-667.70	-1,721.63	1,168.27	890.46	277.80	4.205				
7,600.00	7,152.13	7,138.13	7,138.13	28.83	251.17	-89.93	-667.70	-1,721.63	1,128.26	848.12	280.14	4.028				
7,700.00	7,152.42	7,138.42	7,138.42	31.05	251.18	-89.95	-667.70	-1,721.63	1,095.75	813.19	282.56	3.878				
7,800.00	7,152.72	7,138.72	7,138.72	33.39	251.19	-89.97	-667.70	-1,721.63	1,071.63	786.54	285.09	3.759				
7,900.00	7,153.01	7,139.01	7,139.01	35.82	251.20	-89.98	-667.70	-1,721.63	1,056.45	768.84	287.61	3.673				
8,000.00	7,153.31	7,139.31	7,139.31	38.33	251.21	-90.00	-667.70	-1,721.63	1,050.62	760.60	290.02	3.623				
8,011.46	7,153.34	7,139.34	7,139.34	38.63	251.21	-90.00	-667.70	-1,721.63	1,050.56	760.27	290.29	3.619	CC, ES			
8,100.00	7,153.61	7,139.61	7,139.61	40.90	251.22	-90.01	-667.70	-1,721.63	1,054.28	762.06	292.23	3.608	SF			
8,200.00	7,153.90	7,139.90	7,139.90	43.52	251.23	-90.03	-667.70	-1,721.63	1,067.34	773.19	294.15	3.629				
8,300.00	7,154.20	7,140.20	7,140.20	46.18	251.24	-90.05	-667.70	-1,721.63	1,089.46	793.71	295.75	3.684				
8,400.00	7,154.49	7,140.49	7,140.49	48.87	251.25	-90.06	-667.70	-1,721.63	1,120.10	823.09	297.02	3.771				
8,500.00	7,154.79	7,140.79	7,140.79	51.60	251.26	-90.08	-667.70	-1,721.63	1,158.59	860.63	297.97	3.888				

Offset Design 5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys													Offset Site Error:	0.00 usft
Survey Program: 214-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	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)			
6,200.00	6,159.74	6,315.82	6,150.18	16.02	31.41	-12.60	671.62	-1,747.78	1,198.44	1,153.05	45.38	26.406		
6,300.00	6,259.04	6,421.78	6,256.06	16.33	31.63	-12.54	675.62	-1,747.23	1,187.44	1,141.58	45.86	25.894		
6,400.00	6,358.33	6,517.62	6,351.87	16.63	31.79	-12.56	677.62	-1,747.20	1,176.44	1,130.14	46.30	25.408		
6,500.00	6,457.63	6,623.43	6,457.68	16.94	31.95	-12.65	678.69	-1,747.38	1,165.33	1,118.59	46.74	24.934		
6,600.00	6,556.93	6,727.20	6,561.45	17.24	32.10	-12.76	679.17	-1,747.19	1,153.73	1,106.56	47.17	24.461		
6,700.00	6,655.60	6,830.00	6,664.25	17.58	32.24	2.12	679.37	-1,746.71	1,137.65	1,090.05	47.60	23.902		
6,800.00	6,750.90	6,928.85	6,763.09	18.03	32.37	9.11	679.06	-1,746.01	1,107.11	1,059.07	48.03	23.048		
6,900.00	6,840.42	7,020.43	6,854.67	18.62	32.49	13.50	678.53	-1,745.18	1,062.56	1,014.10	48.45	21.930		
7,000.00	6,921.96	7,102.59	6,936.82	19.38	32.59	17.98	677.96	-1,744.31	1,005.30	956.46	48.83	20.587		
7,100.00	6,993.53	7,173.69	7,007.91	20.35	32.68	23.82	677.43	-1,743.49	937.02	887.86	49.15	19.063		
7,200.00	7,053.34	7,231.71	7,065.93	21.56	32.75	32.31	676.99	-1,742.86	859.81	810.40	49.41	17.401		
7,300.00	7,099.94	7,276.79	7,111.00	23.05	32.81	45.06	676.64	-1,742.42	776.05	726.44	49.61	15.643		
7,400.00	7,132.16	7,307.57	7,141.79	24.79	32.85	62.66	676.41	-1,742.14	688.49	638.70	49.79	13.827		
7,500.00	7,149.23	7,323.52	7,157.73	26.74	32.87	81.70	676.29	-1,742.00	600.36	550.30	50.06	11.993		
7,600.00	7,152.13	7,325.54	7,159.76	28.83	32.87	90.85	676.28	-1,741.98	515.43	464.82	50.60	10.186		
7,700.00	7,152.42	7,325.01	7,159.22	31.05	32.87	90.75	676.28	-1,741.99	436.96	385.22	51.74	8.445		
7,800.00	7,152.72	7,324.48	7,158.69	33.39	32.87	90.65	676.28	-1,741.99	369.05	315.36	53.69	6.874		
7,900.00	7,153.01	7,323.94	7,158.15	35.82	32.87	90.54	676.29	-1,742.00	318.53	262.10	56.44	5.644		
8,000.00	7,153.31	7,323.40	7,157.61	38.33	32.87	90.44	676.29	-1,742.00	294.49	234.71	59.79	4.926		
8,023.68	7,153.38	7,323.27	7,157.48	38.94	32.87	90.41	676.29	-1,742.00	293.54	232.90	60.64	4.840	CC, ES	
8,100.00	7,153.61	7,322.86	7,157.07	40.90	32.87	90.33	676.30	-1,742.00	303.30	240.05	63.25	4.795	SF	
8,200.00	7,153.90	7,322.31	7,156.52	43.52	32.87	90.22	676.30	-1,742.01	342.42	277.07	65.36	5.239		
8,300.00	7,154.20	7,321.76	7,155.98	46.18	32.87	90.12	676.30	-1,742.01	403.13	337.45	65.68	6.138		
8,400.00	7,154.49	7,321.21	7,155.43	48.87	32.87	90.01	676.31	-1,742.02	477.26	412.19	65.07	7.335		
8,500.00	7,154.79	7,320.66	7,154.88	51.60	32.87	89.90	676.31	-1,742.02	559.50	495.33	64.17	8.720		
8,600.00	7,155.08	7,320.11	7,154.32	54.35	32.87	89.79	676.31	-1,742.03	646.76	583.49	63.27	10.222		
8,700.00	7,155.38	7,319.55	7,153.77	57.12	32.87	89.68	676.32	-1,742.03	737.26	674.79	62.47	11.802		
8,800.00	7,155.67	7,318.99	7,153.21	59.91	32.86	89.58	676.32	-1,742.04	829.95	768.16	61.79	13.432		
8,900.00	7,155.97	7,318.43	7,152.65	62.71	32.86	89.47	676.33	-1,742.04	924.16	862.95	61.22	15.097		
9,000.00	7,156.26	7,317.87	7,152.08	65.53	32.86	89.36	676.33	-1,742.05	1,019.48	958.75	60.73	16.786		
9,100.00	7,156.56	7,317.30	7,151.52	68.36	32.86	89.25	676.33	-1,742.05	1,115.61	1,055.29	60.33	18.492		

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	
7,600.00	7,152.13	7,254.35	7,151.68	28.83	28.13	-89.02	41.71	-2,441.00	1,175.78	1,128.51	47.27	24.872		
7,700.00	7,152.42	7,254.45	7,151.78	31.05	28.13	-89.03	41.71	-2,441.00	1,080.35	1,032.20	48.16	22.435		
7,800.00	7,152.72	7,254.56	7,151.89	33.39	28.13	-89.05	41.71	-2,441.00	985.83	936.55	49.28	20.004		
7,900.00	7,153.01	7,254.67	7,151.99	35.82	28.13	-89.07	41.71	-2,441.00	892.50	841.77	50.74	17.591		
8,000.00	7,153.31	7,254.77	7,152.10	38.33	28.13	-89.09	41.70	-2,441.00	800.79	748.16	52.63	15.216		
8,100.00	7,153.61	7,254.88	7,152.20	40.90	28.13	-89.11	41.70	-2,441.00	711.31	656.21	55.10	12.909		
8,200.00	7,153.90	7,254.98	7,152.31	43.52	28.13	-89.12	41.70	-2,441.00	625.03	566.68	58.35	10.712		
8,300.00	7,154.20	7,255.08	7,152.41	46.18	28.13	-89.14	41.70	-2,441.00	543.47	480.90	62.57	8.686		
8,400.00	7,154.49	7,255.18	7,152.51	48.87	28.13	-89.16	41.70	-2,441.00	469.11	401.21	67.90	6.909		
8,500.00	7,154.79	7,255.29	7,152.61	51.60	28.13	-89.18	41.70	-2,441.00	405.91	331.84	74.07	5.480		
8,600.00	7,155.08	7,255.39	7,152.72	54.35	28.13	-89.19	41.70	-2,441.00	359.81	279.90	79.91	4.503		
8,700.00	7,155.38	7,255.49	7,152.82	57.12	28.13	-89.21	41.69	-2,441.00	337.88	254.87	83.01	4.070		
8,726.50	7,155.46	7,255.52	7,152.84	57.86	28.13	-89.22	41.69	-2,441.00	336.84	253.76	83.08	4.054	CC, ES, SF	
8,800.00	7,155.67	7,255.59	7,152.92	59.91	28.13	-89.23	41.69	-2,441.00	344.77	263.19	81.57	4.226		
8,900.00	7,155.97	7,255.69	7,153.02	62.71	28.14	-89.24	41.69	-2,441.00	378.90	302.09	76.81	4.933		
9,000.00	7,156.26	7,255.79	7,153.12	65.53	28.14	-89.26	41.69	-2,441.00	433.89	362.60	71.29	6.086		
9,100.00	7,156.56	7,255.89	7,153.21	68.36	28.14	-89.28	41.69	-2,441.00	502.96	436.47	66.48	7.565		
9,200.00	7,156.85	7,255.98	7,153.31	71.20	28.14	-89.30	41.69	-2,441.00	581.09	518.42	62.67	9.272		
9,300.00	7,157.15	7,256.08	7,153.41	74.05	28.14	-89.31	41.69	-2,441.00	665.11	605.37	59.74	11.134		
9,400.00	7,157.44	7,256.18	7,153.51	76.91	28.14	-89.33	41.69	-2,440.99	753.04	695.56	57.48	13.101		
9,500.00	7,157.74	7,256.28	7,153.60	79.78	28.14	-89.34	41.68	-2,440.99	843.66	787.94	55.72	15.141		
9,600.00	7,158.03	7,256.37	7,153.70	82.65	28.14	-89.36	41.68	-2,440.99	936.20	881.86	54.34	17.228		
9,700.00	7,158.33	7,256.47	7,153.79	85.53	28.14	-89.38	41.68	-2,440.99	1,030.13	976.88	53.24	19.347		
9,800.00	7,158.63	7,256.56	7,153.89	88.41	28.14	-89.39	41.68	-2,440.99	1,125.11	1,072.74	52.36	21.487		

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 (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	
8,300.00	7,154.20	7,768.41	7,182.49	46.18	61.52	91.01	665.00	-3,092.72	1,113.03	1,035.60	77.43	14.375	
8,400.00	7,154.49	7,767.98	7,182.06	48.87	61.52	90.92	665.00	-3,092.72	1,016.83	938.99	77.84	13.063	
8,500.00	7,154.79	7,767.54	7,181.62	51.60	61.52	90.84	665.00	-3,092.72	921.44	842.97	78.47	11.742	
8,600.00	7,155.08	7,767.10	7,181.18	54.35	61.52	90.75	665.00	-3,092.73	827.14	747.73	79.41	10.416	
8,700.00	7,155.38	7,766.67	7,180.75	57.12	61.52	90.67	665.00	-3,092.73	734.35	653.58	80.77	9.092	
8,800.00	7,155.67	7,766.24	7,180.32	59.91	61.52	90.58	665.00	-3,092.73	643.72	561.01	82.71	7.783	
8,900.00	7,155.97	7,765.81	7,179.89	62.71	61.51	90.50	665.00	-3,092.74	556.31	470.90	85.41	6.513	
9,000.00	7,156.26	7,765.38	7,179.46	65.53	61.51	90.41	665.00	-3,092.74	473.91	384.82	89.09	5.320	
9,100.00	7,156.56	7,764.96	7,179.04	68.36	61.51	90.33	665.01	-3,092.74	399.62	305.72	93.90	4.256	
9,200.00	7,156.85	7,764.53	7,178.61	71.20	61.51	90.25	665.01	-3,092.74	338.82	238.91	99.92	3.391	
9,300.00	7,157.15	7,764.11	7,178.19	74.05	61.51	90.16	665.01	-3,092.75	299.84	192.42	107.43	2.791	
9,374.48	7,157.37	7,763.80	7,177.88	76.18	61.51	90.10	665.01	-3,092.75	290.45	176.44	114.01	2.548	CC
9,400.00	7,157.44	7,763.69	7,177.77	76.91	61.51	90.08	665.01	-3,092.75	291.57	175.40	116.16	2.510	ES, SF
9,500.00	7,157.74	7,763.28	7,177.36	79.78	61.51	90.00	665.01	-3,092.75	316.41	194.90	121.51	2.604	
9,600.00	7,158.03	7,762.86	7,176.94	82.65	61.51	89.92	665.01	-3,092.76	367.72	246.56	121.16	3.035	
9,700.00	7,158.33	7,762.45	7,176.53	85.53	61.51	89.83	665.01	-3,092.76	436.26	318.46	117.80	3.703	
9,800.00	7,158.63	7,762.04	7,176.12	88.41	61.51	89.75	665.01	-3,092.76	515.20	401.41	113.79	4.528	
9,900.00	7,158.92	7,761.63	7,175.71	91.30	61.51	89.67	665.01	-3,092.77	600.44	490.36	110.08	5.455	
10,000.00	7,159.22	7,761.22	7,175.30	94.20	61.51	89.59	665.01	-3,092.77	689.66	582.74	106.93	6.450	
10,100.00	7,159.51	7,760.81	7,174.89	97.10	61.51	89.51	665.01	-3,092.77	781.50	677.19	104.31	7.492	
10,200.00	7,159.81	7,760.41	7,174.49	100.00	61.51	89.43	665.01	-3,092.77	875.12	772.98	102.14	8.568	
10,300.00	7,160.10	7,760.01	7,174.09	102.90	61.51	89.35	665.01	-3,092.78	970.02	869.67	100.35	9.667	
10,400.00	7,160.40	7,759.61	7,173.69	105.81	61.51	89.27	665.01	-3,092.78	1,065.85	967.00	98.85	10.782	
10,500.00	7,160.69	7,759.21	7,173.29	108.72	61.51	89.20	665.02	-3,092.78	1,162.39	1,064.79	97.59	11.910	

Offset Design		5N-67W-12 Offsets - SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_2° CONE_2.448, 840-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
8,800.00	7,155.67	7,313.29	7,173.89	59.91	39.59	-89.80	-645.18	-3,085.88	1,170.97	1,078.85	92.13	12.710	
8,900.00	7,155.97	7,314.24	7,174.83	62.71	39.59	-89.86	-645.18	-3,085.89	1,125.20	1,029.35	95.84	11.740	
9,000.00	7,156.26	7,315.19	7,175.78	65.53	39.59	-89.91	-645.18	-3,085.89	1,086.72	987.20	99.51	10.920	
9,100.00	7,156.56	7,316.14	7,176.73	68.36	39.59	-89.96	-645.18	-3,085.90	1,056.33	953.33	103.01	10.255	
9,200.00	7,156.85	7,317.09	7,177.68	71.20	39.60	-90.02	-645.18	-3,085.91	1,034.76	928.57	106.19	9.744	
9,300.00	7,157.15	7,318.04	7,178.63	74.05	39.60	-90.07	-645.17	-3,085.91	1,022.55	913.62	108.93	9.387	
9,375.60	7,157.37	7,318.75	7,179.35	76.21	39.60	-90.11	-645.17	-3,085.92	1,019.75	909.10	110.65	9.216 CC	
9,400.00	7,157.44	7,318.99	7,179.58	76.91	39.60	-90.12	-645.17	-3,085.92	1,020.04	908.91	111.13	9.178 ES	
9,500.00	7,157.74	7,319.94	7,180.53	79.78	39.60	-90.18	-645.17	-3,085.92	1,027.31	914.57	112.74	9.112 SF	
9,600.00	7,158.03	7,320.89	7,181.48	82.65	39.60	-90.23	-645.17	-3,085.93	1,044.15	930.40	113.74	9.180	
9,700.00	7,158.33	7,321.84	7,182.44	85.53	39.60	-90.28	-645.17	-3,085.94	1,070.10	955.92	114.18	9.372	
9,800.00	7,158.63	7,322.79	7,183.39	88.41	39.60	-90.34	-645.17	-3,085.94	1,104.53	990.41	114.13	9.678	
9,900.00	7,158.92	7,323.75	7,184.34	91.30	39.60	-90.39	-645.16	-3,085.95	1,146.68	1,033.01	113.67	10.088	
10,000.00	7,159.22	7,324.70	7,185.30	94.20	39.60	-90.45	-645.16	-3,085.96	1,195.71	1,082.82	112.89	10.591	

Coordinates are relative to: BOST FARM 4C-11-L2

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°



