

# **SRC ENERGY**

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

**Wellbore #1  
Design #1**

## **Anticollision Report**

**28 December, 2017**

<b>Reference</b>	Design #1				
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria				
<b>Interpolation Method:</b>	MD Interval 100.00usft	<b>Error Model:</b>	ISCWSA		
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D		
<b>Results Limited by:</b>	Maximum center-center distance of 1,200.00 usft	<b>Error Surface:</b>	Pedal Curve		
<b>Warning Levels Evaluated at:</b>	2.45 Sigma	<b>Casing Method:</b>	Added to Error Values		

<b>Survey Tool Program</b>	<b>Date</b> 12/27/2017				
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.00	1,750.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV	: Fixed:v2:crustal field declination	
1,750.00	17,414.80	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV	: Fixed:v2:crustal field declination	

<b>Summary</b>						
<b>Site Name</b>	<b>Reference Measured Depth (usft)</b>	<b>Offset Measured Depth (usft)</b>	<b>Distance Between Centres (usft)</b>	<b>Distance Between Ellipses (usft)</b>	<b>Separation Factor</b>	<b>Warning</b>
<b>Offset Well - Wellbore - Design</b>						
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	7,580.88	8,888.11	1,123.29	1,039.06	13.335	CC
BOST FARM 12N-12C-M - Wellbore #1 - Design #1	12,200.00	13,473.69	1,138.89	794.04	3.303	ES, SF
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	253.45	256.00	216.22	208.61	28.415	CC, ES
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	400.00	392.44	219.12	211.36	28.244	SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	251.72	254.72	228.07	220.46	29.978	CC, ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	400.00	391.73	231.28	223.52	29.810	SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	251.94	254.94	240.81	233.20	31.651	CC, ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	400.00	391.18	244.24	236.48	31.479	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	251.41	254.41	254.68	247.07	33.477	CC, ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	400.00	390.48	258.33	250.57	33.294	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	200.00	200.00	179.97	172.40	23.778	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	300.00	297.44	180.62	172.97	23.608	SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	200.00	159.93	152.36	21.130	CC, ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	300.00	297.82	160.57	152.92	20.986	SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	200.00	40.07	32.50	5.294	CC
BOST FARM 31C-11-L - Wellbore #1 - Design #1	17,414.80	17,381.54	480.19	-142.79	0.771	Level 1, ES, SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	200.00	60.11	52.54	7.941	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.01	200.01	60.11	52.54	7.941	ES
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	17,414.80	17,187.89	713.18	108.24	1.179	Level 2, SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	200.00	80.14	72.57	10.588	CC, ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	17,414.80	17,264.77	927.54	308.74	1.499	Level 3, SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	283.83	283.44	39.82	32.19	5.216	CC
BOST FARM 32C-11-L - Wellbore #1 - Design #1	17,414.80	17,477.82	401.54	-221.57	0.644	Level 1, ES, SF
BOST FARM 32C-12-M - Wellbore #1 - Design #1	9,008.12	10,423.00	902.73	740.78	5.574	CC
BOST FARM 32C-12-M - Wellbore #1 - Design #1	12,200.00	13,576.39	907.01	559.65	2.611	ES, SF
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	283.82	283.64	19.77	12.14	2.590	CC
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	17,414.80	17,326.14	220.91	-301.42	0.423	Level 1, ES, SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	7,333.58	8,539.26	687.99	615.49	9.490	CC
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	12,200.00	13,362.03	721.38	389.59	2.174	ES, SF
BOST FARM 33C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12A-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 38C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 38N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 40C-8-L - Wellbore #1 - Design #1	200.00	202.00	184.52	176.95	24.377	CC
BOST FARM 40C-8-L - Wellbore #1 - Design #1	300.00	299.06	184.56	176.91	24.129	ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	7,800.00	7,304.59	445.44	385.95	7.487	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1	6,721.24	6,656.46	981.39	946.98	28.516	CC, ES
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1	6,900.00	6,757.57	997.96	962.32	28.005	SF

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)		Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	252.26	254.26	180.92	173.31	23.779	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	7,146.41	7,670.74	240.11	186.76	4.501	SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1	6,613.45	6,526.95	804.75	771.15	23.953	CC, ES
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1	6,700.00	6,580.49	807.02	773.03	23.741	SF
BOST FARM 41C-8-L - Wellbore #1 - Design #1	259.76	261.98	196.77	189.15	25.841	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	7,900.00	7,188.50	928.21	870.04	15.957	SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	271.52	273.11	184.45	176.82	24.192	CC, ES
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	6,871.09	7,643.44	505.93	452.15	9.407	SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	263.86	265.87	189.73	182.11	24.906	CC, ES
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	7,003.26	7,703.50	649.88	596.50	12.173	SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	256.26	258.66	205.87	198.26	27.047	CC, ES
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	7,900.00	7,144.22	1,182.61	1,123.86	20.130	SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	CC, ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	300.00	298.25	140.51	132.86	18.364	SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	200.00	99.82	92.25	13.189	CC, ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	17,414.80	17,383.18	1,141.29	518.71	1.833	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	200.00	119.85	112.28	15.836	CC, ES
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	300.00	298.82	120.40	112.75	15.736	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	200.00	20.02	12.46	2.646	CC
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	17,414.80	17,075.91	385.06	-57.91	0.869	Level 1, ES, SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	7,461.11	7,546.20	10.22	-43.66	0.190	Level 1, CC, ES, SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	268.30	270.11	180.96	173.34	23.743	CC, ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	7,158.00	7,686.17	283.59	230.66	5.358	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	6,700.00	6,588.59	1,096.39	1,062.24	32.103	CC, ES
BOST FARM 9N-8C-L - Wellbore #1 - Design #1	6,900.00	6,700.00	1,119.70	1,084.25	31.582	SF
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 Surv						Out of range
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	300.00	290.99	1,120.50	1,113.04	150.307	CC, ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	1,200.00	1,204.40	1,198.58	1,189.11	126.526	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	204.07	181.84	1,094.89	1,087.50	148.205	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	4,000.00	4,194.53	1,197.30	1,175.87	55.861	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	100.00	84.19	827.54	820.19	112.518	CC, ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	6,500.00	6,408.51	1,194.49	1,163.07	38.021	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	4,736.08	4,678.44	183.33	159.61	7.728	CC
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	4,800.00	4,741.53	183.64	159.59	7.637	ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	5,000.00	4,938.69	188.68	163.71	7.557	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 Surv						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

Summary							
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation Factor	Warning	
Offset Well - Wellbore - Design	Depth (usft)	Depth (usft)	Between Centres (usft)	Between Ellipses (usft)			
5N-66W-09 Offsets Incomplete							
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range	
5N-66W-18 Offsets Incomplete							
LUNDVALL J 17-30D - Noble Energy PR Well - Actual VE						Out of range	
LUNDVALL J 18-27D - Noble Energy PR Well - Actual VE						Out of range	
LUNDVALL J 18-28D - Noble Energy PR Well - Actual VE						Out of range	
5N-67W-01 Offsets Incomplete							
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann						Out of range	
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann						Out of range	
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	15,900.00	13,907.51	1,199.71	697.59	2.389	SF	
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P	17,400.00	12,407.42	1,187.17	691.49	2.395	ES	
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P	17,414.80	12,377.78	1,187.05	691.93	2.398	CC	
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P	17,414.80	12,433.17	781.25	285.93	1.577	CC, ES, SF	
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						Out of range	
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S	16,546.04	7,323.11	763.53	452.66	2.456	CC, ES	
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S	16,600.00	7,322.80	765.43	453.34	2.453	SF	
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S	16,545.30	7,303.78	499.82	186.60	1.596	CC, ES, SF	
SKYWAY 3-11 Approximation - Noble Energy PR Well - *						Out of range	
SKYWAY 4-11 - Noble Energy PR Well - No Surveys						Out of range	
SKYWAY 5-11 - Noble Energy PR Well - No Surveys	17,410.91	7,172.01	80.03	-484.05	0.142	Level 1, CC, ES, SF	
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene	15,901.27	7,521.61	114.98	-195.46	0.370	Level 1, CC, ES, SF	
Skyway Federal 31-11 - Noble Energy PR Well - Actual S	17,414.80	7,280.25	1,016.24	699.72	3.211	CC, ES, SF	
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys						Out of range	
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	8,042.88	7,143.65	84.53	-205.88	0.291	Level 1, CC, ES, SF	
DETENNE 1-12 - Noble PR Well - Actual Strata Surveys						Out of range	
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	8,757.48	7,271.08	798.53	715.48	9.616	CC	
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	8,800.00	7,270.85	799.66	715.39	9.489	ES	
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	8,900.00	7,270.32	811.15	724.64	9.377	SF	
DETENNE 24-12 - Noble Energy PR Well - Actual Strata	8,817.31	7,256.48	361.42	276.62	4.262	CC, ES	
DETENNE 24-12 - Noble Energy PR Well - Actual Strata	8,900.00	7,256.74	370.76	282.69	4.210	SF	
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						Out of range	
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy	9,406.96	7,312.80	116.06	5.53	1.050	Level 2, CC, ES, 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
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 12N-12C-M - Wellbore #1 - Design #1												Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,900.00	6,826.60	8,342.18	7,138.78	20.02	41.07	-88.53	-1,768.10	-703.07	1,197.37	1,139.12	58.25	20.557	
7,000.00	6,910.10	8,406.14	7,137.20	20.68	42.77	-91.30	-1,768.49	-754.73	1,169.82	1,108.52	61.30	19.082	
7,100.00	6,984.13	8,458.27	7,135.24	21.49	44.18	-92.07	-1,768.98	-819.11	1,150.11	1,086.02	64.09	17.946	
7,200.00	7,046.86	8,533.84	7,132.93	22.50	46.23	-91.66	-1,769.55	-894.64	1,137.12	1,069.54	67.58	16.827	
7,300.00	7,096.75	8,618.69	7,130.33	23.74	48.56	-90.68	-1,770.19	-979.45	1,129.37	1,057.91	71.46	15.804	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 12N-12C-M - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
7,400.00	7,132.56	8,710.75	7,127.52	25.23	51.10	-89.60	-1,770.89	-1,071.47	1,125.32	1,049.59	75.73	14.860	
7,500.00	7,153.42	8,807.75	7,124.56	26.97	53.80	-88.76	-1,771.62	-1,168.41	1,123.63	1,043.30	80.33	13.988	
7,580.88	7,159.68	8,888.11	7,122.10	28.51	56.04	-88.39	-1,772.23	-1,248.73	1,123.29	1,039.06	84.24	13.335	CC
7,600.00	7,158.96	8,907.28	7,121.52	28.88	56.58	-88.40	-1,772.38	-1,267.90	1,123.37	1,038.21	85.17	13.190	
7,700.00	7,158.66	9,007.24	7,118.46	30.95	59.39	-88.26	-1,773.13	-1,367.81	1,123.55	1,033.39	90.16	12.461	
7,800.00	7,158.37	9,107.21	7,115.41	33.16	62.22	-88.11	-1,773.89	-1,467.72	1,123.73	1,028.44	95.30	11.792	
7,900.00	7,158.07	9,207.17	7,112.36	35.49	65.06	-87.97	-1,774.65	-1,567.63	1,123.92	1,023.39	100.54	11.179	
8,000.00	7,157.78	9,307.13	7,109.30	37.91	67.91	-87.83	-1,775.40	-1,667.55	1,124.12	1,018.25	105.87	10.618	
8,100.00	7,157.48	9,407.09	7,106.25	40.41	70.76	-87.69	-1,776.16	-1,767.46	1,124.33	1,013.06	111.27	10.105	
8,200.00	7,157.19	9,507.05	7,103.19	42.97	73.63	-87.55	-1,776.92	-1,867.37	1,124.54	1,007.81	116.73	9.634	
8,300.00	7,156.89	9,607.01	7,100.14	45.58	76.50	-87.41	-1,777.67	-1,967.28	1,124.75	1,002.51	122.24	9.201	
8,400.00	7,156.60	9,706.98	7,097.08	48.24	79.38	-87.27	-1,778.43	-2,067.20	1,124.98	997.19	127.79	8.803	
8,500.00	7,156.30	9,806.94	7,094.03	50.92	82.26	-87.13	-1,779.19	-2,167.11	1,125.21	991.83	133.38	8.436	
8,600.00	7,156.01	9,906.90	7,090.98	53.64	85.15	-86.99	-1,779.95	-2,267.02	1,125.45	986.46	138.99	8.097	
8,700.00	7,155.71	10,006.86	7,087.92	56.38	88.05	-86.85	-1,780.70	-2,366.93	1,125.69	981.06	144.63	7.783	
8,800.00	7,155.42	10,106.82	7,084.87	59.15	90.94	-86.71	-1,781.46	-2,466.84	1,125.94	975.65	150.29	7.492	
8,900.00	7,155.12	10,206.79	7,081.81	61.93	93.85	-86.57	-1,782.22	-2,566.76	1,126.20	970.23	155.97	7.221	
9,000.00	7,154.83	10,306.75	7,078.76	64.73	96.75	-86.43	-1,782.97	-2,666.67	1,126.47	964.80	161.66	6.968	
9,100.00	7,154.53	10,406.71	7,075.71	67.55	99.66	-86.29	-1,783.73	-2,766.58	1,126.74	959.37	167.37	6.732	
9,200.00	7,154.24	10,506.67	7,072.65	70.37	102.57	-86.15	-1,784.49	-2,866.49	1,127.02	953.93	173.09	6.511	
9,300.00	7,153.94	10,606.63	7,069.60	73.21	105.48	-86.01	-1,785.24	-2,966.41	1,127.30	948.49	178.81	6.304	
9,400.00	7,153.65	10,706.60	7,066.54	76.06	108.40	-85.87	-1,786.00	-3,066.32	1,127.59	943.04	184.55	6.110	
9,500.00	7,153.35	10,806.56	7,063.49	78.91	111.32	-85.74	-1,786.76	-3,166.23	1,127.89	937.60	190.29	5.927	
9,600.00	7,153.06	10,906.52	7,060.44	81.77	114.24	-85.60	-1,787.51	-3,266.14	1,128.19	932.15	196.04	5.755	
9,700.00	7,152.76	11,006.48	7,057.38	84.64	117.16	-85.46	-1,788.27	-3,366.06	1,128.51	926.71	201.80	5.592	
9,800.00	7,152.47	11,106.44	7,054.33	87.52	120.09	-85.32	-1,789.03	-3,465.97	1,128.82	921.27	207.55	5.439	
9,900.00	7,152.17	11,206.40	7,051.27	90.40	123.01	-85.18	-1,789.79	-3,565.88	1,129.15	915.84	213.31	5.293	
10,000.00	7,151.88	11,306.37	7,048.22	93.29	125.94	-85.04	-1,790.54	-3,665.79	1,129.48	910.40	219.08	5.156	
10,100.00	7,151.58	11,406.33	7,045.16	96.18	128.87	-84.90	-1,791.30	-3,765.71	1,129.82	904.98	224.84	5.025	
10,200.00	7,151.29	11,506.29	7,042.11	99.08	131.80	-84.76	-1,792.06	-3,865.62	1,130.16	899.55	230.61	4.901	
10,300.00	7,150.99	11,606.25	7,039.06	101.98	134.73	-84.62	-1,792.81	-3,965.53	1,130.52	894.14	236.38	4.783	
10,400.00	7,150.70	11,706.21	7,036.00	104.88	137.66	-84.48	-1,793.57	-4,065.44	1,130.87	888.72	242.15	4.670	
10,500.00	7,150.40	11,806.18	7,032.95	107.78	140.59	-84.35	-1,794.33	-4,165.35	1,131.24	883.32	247.92	4.563	
10,600.00	7,150.11	11,906.14	7,029.89	110.69	143.53	-84.21	-1,795.08	-4,265.27	1,131.61	877.92	253.69	4.461	
10,700.00	7,149.81	12,006.10	7,026.84	113.61	146.46	-84.07	-1,795.84	-4,365.18	1,131.99	872.53	259.46	4.363	
10,800.00	7,149.52	12,106.06	7,023.79	116.52	149.40	-83.93	-1,796.60	-4,465.09	1,132.37	867.15	265.22	4.269	
10,900.00	7,149.22	12,206.02	7,020.73	119.44	152.34	-83.79	-1,797.36	-4,565.00	1,132.76	861.77	270.99	4.180	
11,000.00	7,148.93	12,305.98	7,017.68	122.35	155.28	-83.65	-1,798.11	-4,664.92	1,133.16	856.41	276.76	4.094	
11,100.00	7,148.63	12,405.95	7,014.62	125.28	158.21	-83.52	-1,798.87	-4,764.83	1,133.57	851.05	282.52	4.012	
11,200.00	7,148.34	12,505.91	7,011.57	128.20	161.15	-83.38	-1,799.63	-4,864.74	1,133.98	845.70	288.28	3.934	
11,300.00	7,148.04	12,605.87	7,008.51	131.12	164.09	-83.24	-1,800.38	-4,964.65	1,134.39	840.36	294.04	3.858	
11,400.00	7,147.75	12,705.83	7,005.46	134.05	167.03	-83.10	-1,801.14	-5,064.57	1,134.82	835.02	299.80	3.785	
11,500.00	7,147.45	12,805.79	7,002.41	136.98	169.98	-82.96	-1,801.90	-5,164.48	1,135.25	829.70	305.55	3.715	
11,600.00	7,147.16	12,905.76	6,999.35	139.91	172.92	-82.83	-1,802.65	-5,264.39	1,135.69	824.39	311.30	3.648	
11,700.00	7,146.86	13,005.72	6,996.30	142.84	175.86	-82.69	-1,803.41	-5,364.30	1,136.13	819.08	317.05	3.583	
11,800.00	7,146.57	13,105.68	6,993.24	145.77	178.80	-82.55	-1,804.17	-5,464.21	1,136.58	813.79	322.79	3.521	
11,900.00	7,146.27	13,205.64	6,990.19	148.70	181.75	-82.41	-1,804.92	-5,564.13	1,137.04	808.50	328.54	3.461	
12,000.00	7,145.98	13,305.60	6,987.14	151.63	184.69	-82.28	-1,805.68	-5,664.04	1,137.50	803.23	334.27	3.403	
12,100.00	7,145.68	13,405.57	6,984.08	154.57	187.63	-82.14	-1,806.44	-5,763.95	1,137.97	797.96	340.01	3.347	
12,200.00	7,145.39	13,473.69	6,982.00	157.51	189.64	-82.05	-1,806.95	-5,832.04	1,138.89	794.04	344.85	3.303	ES, SF
12,300.00	7,145.09	13,473.69	6,982.00	160.44	189.64	-82.05	-1,806.95	-5,832.04	1,146.53	800.46	346.07	3.313	
12,400.00	7,144.80	13,473.69	6,982.00	163.38	189.64	-82.05	-1,806.95	-5,832.04	1,162.75	818.00	344.75	3.373	
12,500.00	7,144.50	13,473.69	6,982.00	166.32	189.64	-82.05	-1,806.95	-5,832.04	1,187.20	846.07	341.13	3.480	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +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	-55.88	121.31	-179.04	216.26				
100.00	100.00	103.00	103.00	3.28	3.28	-55.88	121.31	-179.04	216.26	208.74	7.53	28.730	
200.00	200.00	203.00	203.00	3.30	3.30	-55.88	121.31	-179.04	216.26	208.69	7.57	28.570	
253.45	253.44	256.00	256.00	3.32	3.32	77.38	121.31	-179.04	216.22	208.61	7.61	28.415	CC, ES
300.00	300.00	299.37	299.37	3.34	3.34	77.39	121.46	-179.43	216.61	208.96	7.65	28.313	
400.00	399.93	392.44	392.38	3.40	3.40	77.98	122.56	-182.35	219.12	211.36	7.76	28.244	SF
500.00	499.68	485.24	484.98	3.48	3.48	79.12	124.71	-188.07	224.11	216.21	7.90	28.353	
600.00	599.13	577.62	576.91	3.59	3.58	80.73	127.90	-196.55	231.74	223.64	8.09	28.631	
700.00	698.21	669.45	667.95	3.73	3.71	82.70	132.10	-207.73	242.22	233.89	8.33	29.070	
800.00	797.24	760.75	758.05	3.90	3.86	84.45	137.29	-221.54	255.93	247.32	8.62	29.697	
900.00	896.27	851.37	846.97	4.09	4.05	85.78	143.44	-237.90	272.77	263.83	8.94	30.495	
1,000.00	995.30	941.15	934.46	4.31	4.27	86.73	150.50	-256.70	292.58	283.27	9.31	31.429	
1,100.00	1,094.32	1,032.66	1,023.00	4.54	4.54	87.36	158.64	-278.35	315.10	305.37	9.72	32.404	
1,200.00	1,193.35	1,129.88	1,116.89	4.79	4.86	87.90	167.52	-301.98	338.30	328.09	10.21	33.120	
1,300.00	1,292.38	1,227.11	1,210.78	5.05	5.21	88.36	176.41	-325.61	361.53	350.79	10.74	33.672	
1,400.00	1,391.40	1,324.34	1,304.67	5.32	5.59	88.77	185.29	-349.24	384.78	373.49	11.29	34.089	
1,500.00	1,490.43	1,421.56	1,398.56	5.60	5.98	89.14	194.17	-372.87	408.04	396.18	11.86	34.414	
1,600.00	1,589.46	1,518.79	1,492.45	5.89	6.39	89.46	203.05	-396.50	431.32	418.87	12.45	34.641	
1,700.00	1,688.48	1,616.01	1,586.35	6.19	6.80	89.75	211.94	-420.13	454.61	441.55	13.06	34.805	
1,800.00	1,787.51	1,713.24	1,680.24	6.35	7.21	90.01	220.82	-443.77	477.91	464.59	13.32	35.878	
1,900.00	1,886.54	1,810.46	1,774.13	6.39	7.43	90.25	229.70	-467.40	501.22	487.87	13.35	37.547	
2,000.00	1,985.56	1,907.69	1,868.02	6.44	7.50	90.47	238.59	-491.03	524.53	511.09	13.45	39.009	
2,100.00	2,084.59	2,004.92	1,961.91	6.52	7.61	90.67	247.47	-514.66	547.85	534.27	13.59	40.327	
2,200.00	2,183.62	2,102.14	2,055.80	6.61	7.75	90.85	256.35	-538.29	571.18	557.42	13.76	41.497	
2,300.00	2,282.64	2,200.63	2,149.69	6.72	7.92	91.02	265.23	-561.92	594.51	580.53	13.98	42.513	
2,400.00	2,381.67	2,303.41	2,243.58	6.85	8.13	91.17	274.12	-585.56	617.85	603.60	14.25	43.364	
2,500.00	2,480.70	2,393.82	2,337.47	6.99	8.33	91.31	283.00	-609.19	641.19	626.66	14.53	44.130	
2,600.00	2,579.72	2,508.96	2,431.36	7.15	8.62	91.45	291.88	-632.82	664.54	649.65	14.89	44.642	
2,700.00	2,678.75	2,588.27	2,525.25	7.33	8.84	91.57	300.76	-656.45	687.89	672.68	15.21	45.228	
2,800.00	2,777.78	2,685.49	2,619.14	7.51	9.12	91.69	309.65	-680.08	711.24	695.64	15.59	45.612	
2,900.00	2,876.80	2,782.72	2,713.03	7.71	9.42	91.80	318.53	-703.71	734.59	718.59	16.00	45.900	
3,000.00	2,975.83	2,879.95	2,806.93	7.92	9.74	91.90	327.41	-727.34	757.95	741.51	16.44	46.105	
3,100.00	3,074.86	2,977.17	2,900.82	8.14	10.07	92.00	336.30	-750.98	781.30	764.41	16.90	46.237	
3,200.00	3,173.89	3,074.40	2,994.71	8.37	10.41	92.09	345.18	-774.61	804.66	787.29	17.38	46.307	
3,300.00	3,272.91	3,171.62	3,088.60	8.60	10.77	92.17	354.06	-798.24	828.02	810.15	17.88	46.323	
3,400.00	3,371.94	3,268.85	3,182.49	8.85	11.14	92.26	362.94	-821.87	851.39	833.00	18.39	46.293	
3,500.00	3,470.97	3,366.07	3,276.38	9.10	11.51	92.33	371.83	-845.50	874.75	855.83	18.92	46.226	
3,600.00	3,569.99	3,463.30	3,370.27	9.36	11.90	92.40	380.71	-869.13	898.12	878.65	19.47	46.128	
3,700.00	3,669.02	3,560.53	3,464.16	9.63	12.29	92.47	389.59	-892.76	921.49	901.46	20.03	46.004	
3,800.00	3,768.05	3,657.75	3,558.05	9.90	12.69	92.54	398.47	-916.40	944.86	924.25	20.60	45.859	
3,900.00	3,867.07	3,754.98	3,651.94	10.18	13.10	92.60	407.36	-940.03	968.23	947.04	21.19	45.697	
4,000.00	3,966.10	3,852.20	3,745.83	10.46	13.51	92.66	416.24	-963.66	991.60	969.81	21.78	45.521	
4,100.00	4,065.13	3,949.43	3,839.72	10.75	13.93	92.72	425.12	-987.29	1,014.97	992.58	22.39	45.336	
4,200.00	4,164.15	4,046.65	3,933.61	11.04	14.35	92.77	434.00	-1,010.92	1,038.34	1,015.34	23.00	45.143	
4,300.00	4,263.18	4,143.88	4,027.51	11.33	14.78	92.82	442.89	-1,034.55	1,061.71	1,038.09	23.62	44.944	
4,400.00	4,362.21	4,241.10	4,121.40	11.63	15.21	92.87	451.77	-1,058.19	1,085.09	1,060.84	24.25	44.742	
4,500.00	4,461.23	4,338.33	4,215.29	11.93	15.65	92.92	460.65	-1,081.82	1,108.46	1,083.58	24.89	44.538	
4,600.00	4,560.26	4,435.56	4,309.18	12.24	16.09	92.97	469.54	-1,105.45	1,131.84	1,106.31	25.53	44.332	
4,700.00	4,659.29	4,532.78	4,403.07	12.54	16.53	93.01	478.42	-1,129.08	1,155.22	1,129.04	26.18	44.126	
4,800.00	4,758.31	4,630.01	4,496.96	12.85	16.98	93.05	487.30	-1,152.71	1,178.59	1,151.76	26.83	43.922	

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)	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	-51.71	141.34	-179.03	228.10						
100.00	100.00	103.00	103.00	3.28	3.28	-51.71	141.34	-179.03	228.10	220.58	7.53	30.303			
200.00	200.00	203.00	203.00	3.30	3.30	-51.71	141.34	-179.03	228.10	220.54	7.57	30.134			
251.72	251.72	254.72	254.72	3.32	3.32	81.55	141.34	-179.03	228.07	220.46	7.61	29.978	CC, ES		
300.00	300.00	299.13	299.13	3.34	3.34	81.57	141.55	-179.40	228.49	220.84	7.65	29.865			
400.00	399.93	391.73	391.67	3.40	3.40	82.18	143.05	-182.10	231.28	223.52	7.76	29.810	SF		
500.00	499.68	484.00	483.74	3.48	3.48	83.36	145.99	-187.38	236.86	228.96	7.91	29.962			
600.00	599.13	575.75	575.04	3.59	3.58	85.02	150.34	-195.20	245.38	237.29	8.09	30.314			
700.00	698.21	666.81	665.34	3.73	3.70	87.07	156.06	-205.48	257.07	248.74	8.33	30.855			
800.00	797.24	757.23	754.59	3.90	3.85	88.94	163.13	-218.17	272.12	263.51	8.62	31.586			
900.00	896.27	846.90	842.59	4.09	4.03	90.42	171.48	-233.17	290.38	281.45	8.93	32.501			
1,000.00	995.30	935.63	929.11	4.31	4.25	91.55	181.06	-250.38	311.69	302.40	9.29	33.549			
1,100.00	1,094.32	1,023.29	1,013.93	4.54	4.50	92.36	191.79	-269.67	335.91	326.23	9.68	34.711			
1,200.00	1,193.35	1,117.32	1,104.38	4.79	4.82	92.99	204.28	-292.11	362.16	352.01	10.14	35.701			
1,300.00	1,292.38	1,213.71	1,197.09	5.05	5.17	93.55	217.13	-315.19	388.52	377.87	10.66	36.453			
1,400.00	1,391.40	1,310.11	1,289.80	5.32	5.55	94.03	229.97	-338.26	414.92	403.72	11.20	37.041			
1,500.00	1,490.43	1,406.51	1,382.51	5.60	5.95	94.46	242.82	-361.34	441.34	429.58	11.77	37.512			
1,600.00	1,589.46	1,502.91	1,475.22	5.89	6.37	94.84	255.66	-384.41	467.78	455.43	12.35	37.869			
1,700.00	1,688.48	1,600.70	1,567.93	6.19	6.80	95.17	268.50	-407.49	494.24	481.28	12.96	38.131			
1,800.00	1,787.51	1,695.70	1,660.64	6.35	7.24	95.48	281.35	-430.57	520.72	507.48	13.23	39.345			
1,900.00	1,886.54	1,807.90	1,753.35	6.39	7.52	95.75	294.19	-453.64	547.20	533.90	13.30	41.138			
2,000.00	1,985.56	1,888.49	1,846.06	6.44	7.59	96.00	307.03	-476.72	573.70	560.31	13.39	42.842			
2,100.00	2,084.59	1,984.89	1,938.77	6.52	7.69	96.23	319.88	-499.79	600.20	586.68	13.53	44.376			
2,200.00	2,183.62	2,081.29	2,031.48	6.61	7.83	96.44	332.72	-522.87	626.71	613.01	13.70	45.746			
2,300.00	2,282.64	2,177.69	2,124.19	6.72	8.00	96.63	345.57	-545.94	653.23	639.32	13.91	46.951			
2,400.00	2,381.67	2,274.08	2,216.90	6.85	8.20	96.80	358.41	-569.02	679.76	665.60	14.16	47.993			
2,500.00	2,480.70	2,370.48	2,309.61	6.99	8.43	96.97	371.25	-592.09	706.29	691.84	14.45	48.880			
2,600.00	2,579.72	2,466.88	2,402.32	7.15	8.68	97.12	384.10	-615.17	732.83	718.06	14.77	49.621			
2,700.00	2,678.75	2,563.28	2,495.02	7.33	8.95	97.26	396.94	-638.24	759.37	744.25	15.12	50.228			
2,800.00	2,777.78	2,659.67	2,587.73	7.51	9.24	97.39	409.78	-661.32	785.92	770.42	15.50	50.712			
2,900.00	2,876.80	2,756.07	2,680.44	7.71	9.55	97.51	422.63	-684.39	812.46	796.56	15.90	51.086			
3,000.00	2,975.83	2,852.47	2,773.15	7.92	9.87	97.63	435.47	-707.47	839.02	822.68	16.33	51.364			
3,100.00	3,074.86	2,948.87	2,865.86	8.14	10.22	97.73	448.32	-730.54	865.57	848.78	16.79	51.557			
3,200.00	3,173.89	3,045.26	2,958.57	8.37	10.57	97.84	461.16	-753.62	892.13	874.87	17.26	51.677			
3,300.00	3,272.91	3,141.66	3,051.28	8.60	10.94	97.93	474.00	-776.69	918.69	900.93	17.76	51.734			
3,400.00	3,371.94	3,238.06	3,143.99	8.85	11.32	98.02	486.85	-799.77	945.25	926.98	18.27	51.738			
3,500.00	3,470.97	3,334.46	3,236.70	9.10	11.71	98.11	499.69	-822.85	971.82	953.02	18.80	51.697			
3,600.00	3,569.99	3,430.85	3,329.41	9.36	12.10	98.19	512.53	-845.92	998.38	979.04	19.34	51.618			
3,700.00	3,669.02	3,527.25	3,422.12	9.63	12.51	98.26	525.38	-869.00	1,024.95	1,005.05	19.90	51.508			
3,800.00	3,768.05	3,623.65	3,514.83	9.90	12.92	98.34	538.22	-892.07	1,051.52	1,031.05	20.47	51.373			
3,900.00	3,867.07	3,720.04	3,607.54	10.18	13.34	98.41	551.07	-915.15	1,078.09	1,057.04	21.05	51.217			
4,000.00	3,966.10	3,816.44	3,700.25	10.46	13.77	98.47	563.91	-938.22	1,104.66	1,083.02	21.64	51.044			
4,100.00	4,065.13	3,912.84	3,792.95	10.75	14.20	98.53	576.75	-961.30	1,131.24	1,108.99	22.24	50.859			
4,200.00	4,164.15	4,009.24	3,885.66	11.04	14.64	98.59	589.60	-984.37	1,157.81	1,134.96	22.85	50.663			
4,300.00	4,263.18	4,105.63	3,978.37	11.33	15.08	98.65	602.44	-1,007.45	1,184.39	1,160.92	23.47	50.460			



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)	+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	-47.92	161.38	-178.76	240.83						
100.00	100.00	103.00	103.00	3.28	3.28	-47.92	161.38	-178.76	240.83	233.30	7.53	31.993			
200.00	200.00	203.00	203.00	3.30	3.30	-47.92	161.38	-178.76	240.83	233.26	7.57	31.815			
251.94	251.94	254.94	254.94	3.32	3.32	85.33	161.38	-178.76	240.81	233.20	7.61	31.651	CC, ES		
300.00	300.00	298.95	298.94	3.34	3.34	85.35	161.61	-179.11	241.24	233.59	7.65	31.532			
400.00	399.93	391.18	391.12	3.40	3.40	85.91	163.22	-181.71	244.24	236.48	7.76	31.479	SF		
500.00	499.68	483.08	482.82	3.48	3.48	87.00	166.38	-186.81	250.21	242.31	7.91	31.649			
600.00	599.13	574.41	573.72	3.59	3.58	88.52	171.05	-194.35	259.32	251.22	8.10	32.030			
700.00	698.21	665.03	663.58	3.73	3.70	90.41	177.20	-204.26	271.72	263.38	8.33	32.607			
800.00	797.24	754.98	752.37	3.90	3.85	92.15	184.78	-216.48	287.44	278.83	8.62	33.361			
900.00	896.27	844.15	839.90	4.09	4.03	93.52	193.74	-230.93	306.33	297.40	8.93	34.290			
1,000.00	995.30	932.37	925.93	4.31	4.24	94.57	204.01	-247.50	328.23	318.94	9.29	35.341			
1,100.00	1,094.32	1,019.49	1,010.27	4.54	4.49	95.31	215.52	-266.06	352.99	343.32	9.67	36.497			
1,200.00	1,193.35	1,111.56	1,098.79	4.79	4.80	95.87	228.86	-287.58	380.05	369.93	10.12	37.536			
1,300.00	1,292.38	1,207.71	1,191.17	5.05	5.15	96.36	242.91	-310.24	407.37	396.73	10.64	38.300			
1,400.00	1,391.40	1,303.85	1,283.54	5.32	5.53	96.79	256.96	-332.90	434.71	423.53	11.18	38.896			
1,500.00	1,490.43	1,400.01	1,375.91	5.60	5.93	97.17	271.01	-355.56	462.07	450.33	11.74	39.361			
1,600.00	1,589.46	1,496.13	1,468.28	5.89	6.35	97.50	285.06	-378.22	489.45	477.12	12.32	39.717			
1,700.00	1,688.48	1,607.73	1,560.65	6.19	6.85	97.80	299.11	-400.88	516.84	503.86	12.98	39.826			
1,800.00	1,787.51	1,688.42	1,653.02	6.35	7.22	98.07	313.16	-423.54	544.24	531.04	13.20	41.222			
1,900.00	1,886.54	1,784.56	1,745.39	6.39	7.49	98.32	327.21	-446.20	571.66	558.22	13.44	42.546			
2,000.00	1,985.56	1,880.70	1,837.76	6.44	7.60	98.54	341.26	-468.86	599.08	585.70	13.38	44.771			
2,100.00	2,084.59	1,976.84	1,930.13	6.52	7.70	98.74	355.31	-491.52	626.51	613.00	13.51	46.365			
2,200.00	2,183.62	2,072.98	2,022.50	6.61	7.84	98.93	369.36	-514.17	653.95	640.26	13.68	47.788			
2,300.00	2,282.64	2,169.12	2,114.88	6.72	8.01	99.10	383.41	-536.83	681.39	667.49	13.90	49.038			
2,400.00	2,381.67	2,265.27	2,207.25	6.85	8.21	99.26	397.46	-559.49	708.84	694.69	14.14	50.119			
2,500.00	2,480.70	2,361.41	2,299.62	6.99	8.43	99.40	411.50	-582.15	736.29	721.86	14.43	51.038			
2,600.00	2,579.72	2,457.55	2,391.99	7.15	8.68	99.54	425.55	-604.81	763.75	749.00	14.74	51.805			
2,700.00	2,678.75	2,553.69	2,484.36	7.33	8.95	99.66	439.60	-627.47	791.21	776.12	15.09	52.431			
2,800.00	2,777.78	2,649.83	2,576.73	7.51	9.24	99.78	453.65	-650.13	818.67	803.20	15.47	52.930			
2,900.00	2,876.80	2,745.98	2,669.10	7.71	9.56	99.89	467.70	-672.79	846.14	830.27	15.87	53.315			
3,000.00	2,975.83	2,842.12	2,761.47	7.92	9.88	99.99	481.75	-695.45	873.61	857.31	16.30	53.598			
3,100.00	3,074.86	2,938.26	2,853.84	8.14	10.23	100.09	495.80	-718.11	901.08	884.33	16.75	53.794			
3,200.00	3,173.89	3,034.40	2,946.21	8.37	10.58	100.18	509.85	-740.77	928.55	911.33	17.22	53.913			
3,300.00	3,272.91	3,130.54	3,038.59	8.60	10.95	100.27	523.90	-763.43	956.03	938.31	17.72	53.966			
3,400.00	3,371.94	3,226.68	3,130.96	8.85	11.33	100.35	537.95	-786.09	983.50	965.28	18.23	53.964			
3,500.00	3,470.97	3,322.83	3,223.33	9.10	11.72	100.42	552.00	-808.75	1,010.98	992.23	18.75	53.915			
3,600.00	3,569.99	3,418.97	3,315.70	9.36	12.12	100.50	566.05	-831.40	1,038.46	1,019.17	19.29	53.827			
3,700.00	3,669.02	3,515.11	3,408.07	9.63	12.53	100.57	580.10	-854.06	1,065.95	1,046.10	19.85	53.707			
3,800.00	3,768.05	3,611.25	3,500.44	9.90	12.94	100.63	594.15	-876.72	1,093.43	1,073.02	20.41	53.560			
3,900.00	3,867.07	3,707.39	3,592.81	10.18	13.36	100.69	608.20	-899.38	1,120.92	1,099.92	20.99	53.392			
4,000.00	3,966.10	3,803.53	3,685.18	10.46	13.79	100.75	622.25	-922.04	1,148.40	1,126.82	21.58	53.207			
4,100.00	4,065.13	3,899.68	3,777.55	10.75	14.23	100.81	636.30	-944.70	1,175.89	1,153.71	22.18	53.008			



Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1			Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft				
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	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	-44.58	181.42	-178.76	254.69						
100.00	100.00	103.00	103.00	3.28	3.28	-44.58	181.42	-178.76	254.69	247.16	7.53	33.834			
200.00	200.00	203.00	203.00	3.30	3.30	-44.58	181.42	-178.76	254.69	247.12	7.57	33.646			
251.41	251.41	254.41	254.41	3.32	3.32	88.68	181.42	-178.76	254.68	247.07	7.61	33.477	CC, ES		
300.00	300.00	298.71	298.71	3.34	3.34	88.69	181.67	-179.09	255.12	247.47	7.65	33.346			
400.00	399.93	390.48	390.43	3.40	3.40	89.24	183.49	-181.50	258.33	250.57	7.76	33.294	SF		
500.00	499.68	481.88	481.63	3.48	3.48	90.29	187.07	-186.24	264.72	256.81	7.91	33.481			
600.00	599.13	572.66	571.98	3.59	3.58	91.77	192.37	-193.23	274.44	266.34	8.10	33.897			
700.00	698.21	662.64	661.21	3.73	3.70	93.61	199.31	-202.42	287.64	279.31	8.33	34.522			
800.00	797.24	751.89	749.33	3.90	3.84	95.34	207.87	-213.73	304.21	295.60	8.61	35.320			
900.00	896.27	840.30	836.13	4.09	4.02	96.73	217.97	-227.09	323.96	315.03	8.93	36.294			
1,000.00	995.30	927.72	921.42	4.31	4.23	97.82	229.55	-242.40	346.74	337.46	9.27	37.389			
1,100.00	1,094.32	1,014.00	1,004.98	4.54	4.47	98.63	242.51	-259.53	372.41	362.76	9.65	38.584			
1,200.00	1,193.35	1,099.01	1,086.64	4.79	4.75	99.21	256.75	-278.36	400.85	390.79	10.06	39.860			
1,300.00	1,292.38	1,189.69	1,173.11	5.05	5.10	99.64	273.22	-300.15	431.48	420.95	10.53	40.964			
1,400.00	1,391.40	1,284.77	1,263.71	5.32	5.49	100.02	290.61	-323.14	462.34	451.27	11.07	41.767			
1,500.00	1,490.43	1,379.85	1,354.31	5.60	5.91	100.36	308.00	-346.13	493.22	481.59	11.63	42.411			
1,600.00	1,589.46	1,474.92	1,444.91	5.89	6.35	100.65	325.39	-369.12	524.11	511.90	12.21	42.928			
1,700.00	1,688.48	1,570.00	1,535.51	6.19	6.80	100.91	342.78	-392.11	555.02	542.20	12.81	43.316			
1,800.00	1,787.51	1,665.08	1,626.11	6.35	7.27	101.15	360.17	-415.11	585.93	572.84	13.09	44.749			
1,900.00	1,886.54	1,760.15	1,716.71	6.39	7.61	101.36	377.56	-438.10	616.85	603.48	13.37	46.137			
2,000.00	1,985.56	1,855.23	1,807.32	6.44	7.77	101.55	394.95	-461.09	647.78	634.42	13.35	48.513			
2,100.00	2,084.59	1,950.30	1,897.92	6.52	7.88	101.72	412.34	-484.08	678.71	665.23	13.48	50.354			
2,200.00	2,183.62	2,045.38	1,988.52	6.61	8.03	101.88	429.73	-507.07	709.65	696.00	13.65	52.004			
2,300.00	2,282.64	2,140.46	2,079.12	6.72	8.20	102.02	447.11	-530.07	740.59	726.74	13.85	53.461			
2,400.00	2,381.67	2,235.53	2,169.72	6.85	8.41	102.16	464.50	-553.06	771.54	757.44	14.10	54.727			
2,500.00	2,480.70	2,330.61	2,260.32	6.99	8.65	102.28	481.89	-576.05	802.49	788.11	14.38	55.810			
2,600.00	2,579.72	2,425.69	2,350.92	7.15	8.92	102.40	499.28	-599.04	833.44	818.75	14.69	56.719			
2,700.00	2,678.75	2,520.76	2,441.52	7.33	9.21	102.50	516.67	-622.03	864.40	849.36	15.04	57.469			
2,800.00	2,777.78	2,615.84	2,532.12	7.51	9.52	102.60	534.06	-645.03	895.36	879.94	15.42	58.072			
2,900.00	2,876.80	2,710.91	2,622.72	7.71	9.85	102.69	551.45	-668.02	926.32	910.50	15.82	58.545			
3,000.00	2,975.83	2,805.99	2,713.32	7.92	10.20	102.78	568.84	-691.01	957.28	941.03	16.25	58.904			
3,100.00	3,074.86	2,901.07	2,803.92	8.14	10.57	102.86	586.23	-714.00	988.25	971.54	16.71	59.156			
3,200.00	3,173.89	3,003.86	2,894.52	8.37	10.99	102.93	603.62	-736.99	1,019.21	1,002.01	17.20	59.249			
3,300.00	3,272.91	3,108.78	2,985.12	8.60	11.43	103.01	621.00	-759.99	1,050.18	1,032.45	17.73	59.243			
3,400.00	3,371.94	3,186.30	3,075.72	8.85	11.76	103.07	638.39	-782.98	1,081.15	1,062.96	18.19	59.437			
3,500.00	3,470.97	3,281.37	3,166.32	9.10	12.18	103.14	655.78	-805.97	1,112.12	1,093.40	18.72	59.409			
3,600.00	3,569.99	3,376.45	3,256.93	9.36	12.61	103.20	673.17	-828.96	1,143.09	1,123.83	19.26	59.336			
3,700.00	3,669.02	3,471.52	3,347.53	9.63	13.05	103.25	690.56	-851.95	1,174.07	1,154.24	19.82	59.226			

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.00	0.00	3.28	3.28	0.44	179.96	1.39	179.97						
100.00	100.00	100.00	100.00	3.28	3.28	0.44	179.96	1.39	179.97	172.44	7.53	23.909			
200.00	200.00	200.00	200.00	3.30	3.30	0.44	179.96	1.39	179.97	172.40	7.57	23.778			
200.00	200.00	200.00	200.00	3.30	3.30	0.44	179.96	1.39	179.97	172.40	7.57	23.778	CC, ES		
300.00	300.00	297.44	297.44	3.34	3.34	133.66	180.30	1.19	180.62	172.97	7.65	23.608	SF		
400.00	399.93	392.12	392.06	3.40	3.41	133.83	183.00	-0.40	185.87	178.10	7.77	23.932			
500.00	499.68	486.21	485.94	3.48	3.49	134.12	188.34	-3.56	196.33	188.41	7.93	24.771			
600.00	599.13	579.33	578.60	3.59	3.59	134.49	196.24	-8.23	211.98	203.85	8.13	26.076			
700.00	698.21	671.19	669.68	3.73	3.71	134.97	206.57	-14.34	232.44	224.06	8.38	27.749			
800.00	797.24	761.95	759.23	3.90	3.86	135.18	219.23	-21.83	255.82	247.17	8.65	29.569			
900.00	896.27	858.79	846.81	4.09	4.05	135.03	234.06	-30.60	281.75	272.78	8.97	31.400			
1,000.00	995.30	947.40	940.86	4.31	4.26	134.72	251.42	-40.87	309.05	299.71	9.34	33.102			
1,100.00	1,094.32	1,043.59	1,034.91	4.54	4.50	134.46	268.77	-51.13	336.35	326.60	9.75	34.505			
1,200.00	1,193.35	1,139.78	1,128.97	4.79	4.77	134.25	286.13	-61.39	363.66	353.47	10.19	35.690			
1,300.00	1,292.38	1,235.97	1,223.02	5.05	5.06	134.06	303.48	-71.66	390.97	380.32	10.66	36.687			
1,400.00	1,391.40	1,332.16	1,317.07	5.32	5.36	133.89	320.84	-81.92	418.29	407.14	11.15	37.524			
1,500.00	1,490.43	1,428.35	1,411.13	5.60	5.68	133.75	338.19	-92.19	445.61	433.96	11.65	38.238			
1,600.00	1,589.46	1,524.54	1,505.18	5.89	6.00	133.62	355.55	-102.45	472.93	460.75	12.18	38.833			
1,700.00	1,688.48	1,620.73	1,599.23	6.19	6.34	133.51	372.91	-112.71	500.25	487.54	12.72	39.334			
1,800.00	1,787.51	1,716.92	1,693.29	6.35	6.65	133.41	390.26	-122.98	527.58	514.66	12.92	40.836			
1,900.00	1,886.54	1,813.11	1,787.34	6.39	6.82	133.32	407.62	-133.24	554.91	541.99	12.91	42.973			
2,000.00	1,985.56	1,909.30	1,881.39	6.44	6.88	133.24	424.97	-143.51	582.23	569.25	12.99	44.831			
2,100.00	2,084.59	2,005.49	1,975.45	6.52	6.96	133.16	442.33	-153.77	609.56	596.46	13.10	46.533			
2,200.00	2,183.62	2,101.68	2,069.50	6.61	7.06	133.09	459.68	-164.03	636.89	623.64	13.25	48.082			
2,300.00	2,282.64	2,197.88	2,163.55	6.72	7.18	133.03	477.04	-174.30	664.22	650.80	13.42	49.477			
2,400.00	2,381.67	2,305.93	2,257.61	6.85	7.34	132.97	494.39	-184.56	691.55	677.90	13.65	50.666			
2,500.00	2,480.70	2,409.74	2,351.66	6.99	7.52	132.92	511.75	-194.83	718.88	704.98	13.90	51.711			
2,600.00	2,579.72	2,486.45	2,445.71	7.15	7.67	132.87	529.10	-205.09	746.22	732.07	14.15	52.754			
2,700.00	2,678.75	2,582.64	2,539.77	7.33	7.86	132.82	546.46	-215.35	773.55	759.11	14.44	53.565			
2,800.00	2,777.78	2,678.83	2,633.82	7.51	8.08	132.78	563.81	-225.62	800.88	786.12	14.76	54.251			
2,900.00	2,876.80	2,775.02	2,727.87	7.71	8.30	132.74	581.17	-235.88	828.21	813.11	15.11	54.823			
3,000.00	2,975.83	2,871.21	2,821.93	7.92	8.54	132.70	598.53	-246.14	855.55	840.07	15.47	55.291			
3,100.00	3,074.86	2,967.40	2,915.98	8.14	8.79	132.67	615.88	-256.41	882.88	867.02	15.86	55.665			
3,200.00	3,173.89	3,063.59	3,010.03	8.37	9.05	132.63	633.24	-266.67	910.22	893.95	16.27	55.957			
3,300.00	3,272.91	3,159.78	3,104.09	8.60	9.33	132.60	650.59	-276.94	937.55	920.86	16.69	56.177			
3,400.00	3,371.94	3,255.97	3,198.14	8.85	9.61	132.57	667.95	-287.20	964.89	947.76	17.13	56.332			
3,500.00	3,470.97	3,352.16	3,292.19	9.10	9.90	132.54	685.30	-297.46	992.22	974.64	17.58	56.432			
3,600.00	3,569.99	3,448.35	3,386.25	9.36	10.19	132.52	702.66	-307.73	1,019.56	1,001.51	18.05	56.483			
3,700.00	3,669.02	3,544.54	3,480.30	9.63	10.50	132.49	720.01	-317.99	1,046.89	1,028.36	18.53	56.494			
3,800.00	3,768.05	3,640.73	3,574.35	9.90	10.81	132.47	737.37	-328.26	1,074.23	1,055.20	19.02	56.469			
3,900.00	3,867.07	3,736.92	3,668.41	10.18	11.12	132.45	754.72	-338.52	1,101.56	1,082.04	19.53	56.415			
4,000.00	3,966.10	3,833.11	3,762.46	10.46	11.45	132.42	772.08	-348.78	1,128.90	1,108.86	20.04	56.335			
4,100.00	4,065.13	3,929.30	3,856.51	10.75	11.77	132.40	789.43	-359.05	1,156.23	1,135.67	20.56	56.234			
4,200.00	4,164.15	4,025.49	3,950.57	11.04	12.10	132.38	806.79	-369.31	1,183.57	1,162.48	21.09	56.115			

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	0.40	159.92	1.11	159.93				
100.00	100.00	100.00	100.00	3.28	3.28	0.40	159.92	1.11	159.93	152.40	7.53	21.246	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	159.92	1.11	159.93	152.36	7.57	21.130	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	159.92	1.11	159.93	152.36	7.57	21.130	CC, ES
300.00	300.00	297.82	297.82	3.34	3.34	133.61	160.25	0.88	160.57	152.92	7.65	20.986	SF
400.00	399.93	393.28	393.22	3.40	3.41	133.73	162.85	-0.95	165.68	157.92	7.77	21.331	
500.00	499.68	488.18	487.90	3.48	3.49	133.94	168.00	-4.60	175.89	167.97	7.93	22.186	
600.00	599.13	582.15	581.41	3.59	3.60	134.20	175.63	-9.99	191.15	183.02	8.13	23.502	
700.00	698.21	674.93	673.38	3.73	3.72	134.53	185.61	-17.04	211.09	202.71	8.38	25.177	
800.00	797.24	766.64	763.85	3.90	3.87	134.53	197.86	-25.70	233.85	225.18	8.66	26.990	
900.00	896.27	863.12	858.71	4.09	4.06	134.29	212.21	-35.84	258.05	249.05	9.00	28.658	
1,000.00	995.30	960.14	954.10	4.31	4.27	134.08	226.65	-46.04	282.27	272.89	9.38	30.079	
1,100.00	1,094.32	1,057.15	1,049.50	4.54	4.51	133.91	241.09	-56.25	306.50	296.70	9.80	31.284	
1,200.00	1,193.35	1,154.17	1,144.89	4.79	4.77	133.76	255.53	-66.45	330.72	320.48	10.24	32.302	
1,300.00	1,292.38	1,251.19	1,240.28	5.05	5.04	133.63	269.97	-76.66	354.95	344.25	10.70	33.159	
1,400.00	1,391.40	1,348.21	1,335.68	5.32	5.32	133.52	284.40	-86.86	379.18	367.99	11.19	33.881	
1,500.00	1,490.43	1,445.22	1,431.07	5.60	5.61	133.42	298.84	-97.06	403.41	391.72	11.70	34.491	
1,600.00	1,589.46	1,542.24	1,526.46	5.89	5.92	133.33	313.28	-107.27	427.64	415.43	12.22	35.003	
1,700.00	1,688.48	1,639.26	1,621.85	6.19	6.23	133.25	327.72	-117.47	451.88	439.12	12.75	35.435	
1,800.00	1,787.51	1,736.28	1,717.25	6.35	6.49	133.18	342.16	-127.68	476.11	463.19	12.92	36.849	
1,900.00	1,886.54	1,833.30	1,812.64	6.39	6.62	133.12	356.59	-137.88	500.34	487.46	12.88	38.832	
2,000.00	1,985.56	1,930.31	1,908.03	6.44	6.68	133.06	371.03	-148.08	524.58	511.61	12.96	40.465	
2,100.00	2,084.59	2,027.33	2,003.43	6.52	6.75	133.01	385.47	-158.29	548.81	535.73	13.08	41.969	
2,200.00	2,183.62	2,124.35	2,098.82	6.61	6.84	132.96	399.91	-168.49	573.05	559.82	13.22	43.337	
2,300.00	2,282.64	2,221.37	2,194.21	6.72	6.95	132.92	414.35	-178.70	597.28	583.88	13.40	44.567	
2,400.00	2,381.67	2,318.39	2,289.61	6.85	7.08	132.88	428.79	-188.90	621.52	607.91	13.61	45.662	
2,500.00	2,480.70	2,415.40	2,385.00	6.99	7.23	132.84	443.22	-199.10	645.75	631.90	13.85	46.624	
2,600.00	2,579.72	2,512.42	2,480.39	7.15	7.40	132.80	457.66	-209.31	669.99	655.87	14.12	47.459	
2,700.00	2,678.75	2,609.44	2,575.79	7.33	7.57	132.77	472.10	-219.51	694.23	679.81	14.41	48.175	
2,800.00	2,777.78	2,706.46	2,671.18	7.51	7.77	132.74	486.54	-229.72	718.46	703.73	14.73	48.781	
2,900.00	2,876.80	2,803.47	2,766.57	7.71	7.97	132.71	500.98	-239.92	742.70	727.63	15.07	49.286	
3,000.00	2,975.83	2,900.49	2,861.97	7.92	8.19	132.69	515.42	-250.12	766.94	751.50	15.43	49.699	
3,100.00	3,074.86	3,002.49	2,957.36	8.14	8.43	132.66	529.85	-260.33	791.17	775.35	15.82	49.997	
3,200.00	3,173.89	3,105.47	3,052.75	8.37	8.69	132.64	544.29	-270.53	815.41	799.17	16.24	50.214	
3,300.00	3,272.91	3,208.45	3,148.15	8.60	8.96	132.62	558.73	-280.74	839.65	822.98	16.67	50.366	
3,400.00	3,371.94	3,288.56	3,243.54	8.85	9.17	132.60	573.17	-290.94	863.88	846.82	17.07	50.616	
3,500.00	3,470.97	3,385.58	3,338.93	9.10	9.44	132.58	587.61	-301.14	888.12	870.61	17.52	50.703	
3,600.00	3,569.99	3,482.60	3,434.33	9.36	9.71	132.56	602.05	-311.35	912.36	894.38	17.98	50.749	
3,700.00	3,669.02	3,579.62	3,529.72	9.63	9.99	132.54	616.48	-321.55	936.60	918.15	18.45	50.757	
3,800.00	3,768.05	3,676.63	3,625.11	9.90	10.27	132.52	630.92	-331.76	960.84	941.90	18.94	50.734	
3,900.00	3,867.07	3,773.65	3,720.51	10.18	10.57	132.51	645.36	-341.96	985.07	965.64	19.44	50.685	
4,000.00	3,966.10	3,870.67	3,815.90	10.46	10.86	132.49	659.80	-352.16	1,009.31	989.37	19.94	50.614	
4,100.00	4,065.13	3,967.69	3,911.29	10.75	11.16	132.48	674.24	-362.37	1,033.55	1,013.09	20.46	50.523	
4,200.00	4,164.15	4,064.71	4,006.69	11.04	11.47	132.46	688.68	-372.57	1,057.79	1,036.81	20.98	50.417	
4,300.00	4,263.18	4,161.72	4,102.08	11.33	11.78	132.45	703.11	-382.78	1,082.03	1,060.51	21.51	50.298	
4,400.00	4,362.21	4,258.74	4,197.47	11.63	12.09	132.44	717.55	-392.98	1,106.26	1,084.21	22.05	50.168	
4,500.00	4,461.23	4,355.76	4,292.87	11.93	12.41	132.43	731.99	-403.18	1,130.50	1,107.91	22.60	50.029	
4,600.00	4,560.26	4,452.78	4,388.26	12.24	12.73	132.41	746.43	-413.39	1,154.74	1,131.59	23.15	49.884	
4,700.00	4,659.29	4,549.79	4,483.65	12.54	13.06	132.40	760.87	-423.59	1,178.98	1,155.27	23.71	49.733	

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)	+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	32.54	7.53	5.323		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.07	0.28	40.07	32.50	7.57	5.294	CC	
200.03	200.03	200.03	200.03	3.30	3.30	0.40	40.07	0.28	40.07	32.50	7.57	5.294		
300.00	300.00	300.22	300.22	3.34	3.34	133.45	39.93	-0.14	40.23	32.58	7.65	5.259		
400.00	399.93	400.65	400.58	3.40	3.40	132.33	38.84	-3.49	41.54	33.77	7.76	5.350		
500.00	499.68	501.02	500.70	3.48	3.49	130.30	36.65	-10.17	44.18	36.26	7.92	5.575		
600.00	599.13	601.15	600.31	3.59	3.60	128.04	33.49	-19.85	48.31	40.17	8.14	5.935		
700.00	698.21	700.97	699.55	3.73	3.73	128.16	30.16	-30.05	54.22	45.81	8.41	6.447		
800.00	797.24	800.78	798.78	3.90	3.89	128.62	26.82	-40.25	60.40	51.68	8.72	6.925		
900.00	896.27	900.59	898.01	4.09	4.07	128.99	23.49	-50.44	66.59	57.51	9.08	7.337		
1,000.00	995.30	1,000.39	997.24	4.31	4.26	129.30	20.16	-60.64	72.77	63.31	9.46	7.690		
1,100.00	1,094.32	1,100.20	1,096.47	4.54	4.48	129.56	16.83	-70.84	78.96	69.08	9.88	7.991		
1,200.00	1,193.35	1,200.01	1,195.70	4.79	4.70	129.79	13.49	-81.03	85.15	74.82	10.33	8.246		
1,300.00	1,292.38	1,300.18	1,294.93	5.05	4.94	129.98	10.16	-91.23	91.34	80.55	10.79	8.461		
1,400.00	1,391.40	1,400.37	1,394.16	5.32	5.18	130.15	6.83	-101.42	97.53	86.25	11.28	8.644		
1,500.00	1,490.43	1,500.57	1,493.39	5.60	5.44	130.30	3.49	-111.62	103.73	91.94	11.79	8.799		
1,600.00	1,589.46	1,600.76	1,592.62	5.89	5.70	130.43	0.16	-121.82	109.92	97.61	12.31	8.930		
1,700.00	1,688.48	1,700.95	1,691.85	6.19	5.96	130.55	-3.17	-132.01	116.11	103.27	12.84	9.043		
1,800.00	1,787.51	1,801.14	1,791.08	6.35	6.11	130.66	-6.50	-142.21	122.31	109.56	12.74	9.597		
1,900.00	1,886.54	1,901.34	1,890.31	6.39	6.13	130.75	-9.84	-152.41	128.50	115.70	12.80	10.042		
2,000.00	1,985.56	2,001.53	1,989.54	6.44	6.18	130.84	-13.17	-162.60	134.69	121.81	12.88	10.455		
2,100.00	2,084.59	2,101.72	2,088.76	6.52	6.24	130.92	-16.50	-172.80	140.89	127.89	13.00	10.834		
2,200.00	2,183.62	2,201.91	2,187.99	6.61	6.32	130.99	-19.83	-183.00	147.09	133.93	13.16	11.178		
2,300.00	2,282.64	2,302.10	2,287.22	6.72	6.41	131.06	-23.17	-193.19	153.28	139.94	13.34	11.488		
2,400.00	2,381.67	2,402.30	2,386.45	6.85	6.52	131.12	-26.50	-203.39	159.48	145.92	13.56	11.763		
2,500.00	2,480.70	2,502.49	2,485.68	6.99	6.64	131.18	-29.83	-213.58	165.67	151.87	13.80	12.004		
2,600.00	2,579.72	2,602.68	2,584.91	7.15	6.78	131.23	-33.17	-223.78	171.87	157.80	14.07	12.213		
2,700.00	2,678.75	2,702.87	2,684.14	7.33	6.93	131.28	-36.50	-233.98	178.06	163.70	14.37	12.393		
2,800.00	2,777.78	2,803.07	2,783.37	7.51	7.09	131.32	-39.83	-244.17	184.26	169.57	14.69	12.545		
2,900.00	2,876.80	2,903.26	2,882.60	7.71	7.26	131.37	-43.16	-254.37	190.46	175.43	15.03	12.671		
3,000.00	2,975.83	3,003.45	2,981.83	7.92	7.44	131.41	-46.50	-264.57	196.65	181.26	15.39	12.775		
3,100.00	3,074.86	3,103.64	3,081.06	8.14	7.63	131.44	-49.83	-274.76	202.85	187.07	15.78	12.859		
3,200.00	3,173.89	3,203.83	3,180.29	8.37	7.83	131.48	-53.16	-284.96	209.05	192.87	16.17	12.924		
3,300.00	3,272.91	3,304.03	3,279.52	8.60	8.04	131.51	-56.49	-295.16	215.24	198.65	16.59	12.973		
3,400.00	3,371.94	3,404.22	3,378.75	8.85	8.26	131.54	-59.83	-305.35	221.44	204.42	17.02	13.009		
3,500.00	3,470.97	3,504.41	3,477.98	9.10	8.48	131.57	-63.16	-315.55	227.64	210.17	17.47	13.032		
3,600.00	3,569.99	3,604.60	3,577.21	9.36	8.71	131.60	-66.49	-325.75	233.83	215.91	17.93	13.044		
3,700.00	3,669.02	3,704.80	3,676.44	9.63	8.95	131.63	-69.82	-335.94	240.03	221.63	18.40	13.047		
3,800.00	3,768.05	3,804.99	3,775.67	9.90	9.19	131.65	-73.16	-346.14	246.23	227.35	18.88	13.043		
3,900.00	3,867.07	3,905.18	3,874.90	10.18	9.44	131.68	-76.49	-356.33	252.42	233.05	19.37	13.032		
4,000.00	3,966.10	4,005.37	3,974.13	10.46	9.69	131.70	-79.82	-366.53	258.62	238.75	19.87	13.015		
4,100.00	4,065.13	4,105.56	4,073.36	10.75	9.94	131.72	-83.16	-376.73	264.82	244.44	20.38	12.994		
4,200.00	4,164.15	4,205.76	4,172.59	11.04	10.20	131.74	-86.49	-386.92	271.02	250.12	20.90	12.969		
4,300.00	4,263.18	4,305.95	4,271.82	11.33	10.47	131.76	-89.82	-397.12	277.21	255.79	21.42	12.940		
4,400.00	4,362.21	4,406.14	4,371.05	11.63	10.73	131.78	-93.15	-407.32	283.41	261.46	21.95	12.909		
4,500.00	4,461.23	4,506.33	4,470.28	11.93	11.00	131.80	-96.49	-417.51	289.61	267.11	22.49	12.876		
4,600.00	4,560.26	4,606.53	4,569.50	12.24	11.28	131.82	-99.82	-427.71	295.80	272.77	23.04	12.841		
4,700.00	4,659.29	4,693.28	4,668.73	12.54	11.52	131.84	-103.15	-437.91	302.00	278.45	23.55	12.824		
4,800.00	4,758.31	4,806.91	4,767.96	12.85	11.83	131.85	-106.48	-448.10	308.20	284.06	24.14	12.767		
4,900.00	4,857.34	4,907.10	4,867.19	13.16	12.11	131.87	-109.82	-458.30	314.40	289.70	24.70	12.728		
5,000.00	4,956.37	5,007.30	4,966.42	13.48	12.40	131.88	-113.15	-468.49	320.59	295.33	25.26	12.690		
5,100.00	5,055.39	5,107.49	5,065.65	13.80	12.68	131.90	-116.48	-478.69	326.79	300.96	25.83	12.650		
5,200.00	5,154.42	5,207.68	5,164.88	14.11	12.97	131.91	-119.82	-488.89	332.99	306.58	26.40	12.611		
5,300.00	5,253.45	5,307.87	5,264.11	14.43	13.26	131.93	-123.15	-499.08	339.19	312.21	26.98	12.572		
5,400.00	5,352.48	5,408.06	5,363.34	14.76	13.55	131.94	-126.48	-509.28	345.38	317.82	27.56	12.533		
5,500.00	5,451.50	5,508.26	5,462.57	15.08	13.84	131.95	-129.81	-519.48	351.58	323.44	28.14	12.494		
5,600.00	5,550.53	5,608.45	5,561.80	15.41	14.13	131.96	-133.15	-529.67	357.78	329.05	28.73	12.455		
5,700.00	5,649.56	5,708.64	5,661.03	15.73	14.43	131.97	-136.48	-539.87	363.97	334.66	29.31	12.417		
5,800.00	5,748.58	5,808.83	5,760.26	16.06	14.72	131.98	-139.81	-550.07	370.17	340.27	29.90	12.379		
5,900.00	5,847.61	5,909.03	5,859.49	16.39	15.02	132.00	-143.14	-560.26	376.37	345.87	30.50	12.341		
6,000.00	5,946.64	6,009.22	5,958.72	16.72	15.32	132.01	-146.48	-570.46	382.57	351.48	31.09	12.304		
6,100.00	6,045.66	6,109.41	6,057.95	17.05	15.62	132.02	-149.81	-580.65	388.76	357.08	31.69	12.268		
6,200.00	6,144.69	6,209.60	6,157.18	17.38	15.92	132.03	-153.14	-590.85	394.96	362.67	32.29	12.232		
6,300.00	6,243.72	6,309.79	6,256.41	17.72	16.22	132.04	-156.47	-601.05	401.16	368.27	32.89	12.197		
6,400.00	6,342.74	6,390.01	6,355.64	18.05	16.47	132.04	-159.81	-611.24	407.36	373.92	33.43	12.184		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
6,500.00	6,441.77	6,489.82	6,454.87	18.39	16.77	132.05	-163.14	-621.44	413.56	379.52	34.04	12.150		
6,600.00	6,540.80	6,589.63	6,554.10	18.72	17.07	132.06	-166.47	-631.64	419.75	385.11	34.64	12.116		
6,700.00	6,639.57	6,688.72	6,652.11	19.07	17.40	116.38	-169.78	-645.37	425.97	390.66	35.30	12.066		
6,800.00	6,735.67	6,787.13	6,746.35	19.49	17.84	103.64	-173.03	-673.18	432.07	395.91	36.15	11.951		
6,900.00	6,826.60	6,885.19	6,834.88	20.02	18.40	98.14	-176.16	-714.99	437.89	400.64	37.25	11.755		
7,000.00	6,910.10	6,982.94	6,915.72	20.68	19.12	95.00	-179.09	-769.72	443.28	404.63	38.65	11.470		
7,100.00	6,984.13	7,080.45	6,987.07	21.49	20.02	92.95	-181.75	-835.99	448.10	407.69	40.41	11.088		
7,200.00	7,046.86	7,177.79	7,047.38	22.50	21.14	91.55	-184.10	-912.24	452.23	409.59	42.64	10.606		
7,300.00	7,096.75	7,275.00	7,095.32	23.74	22.51	90.60	-186.08	-996.67	455.57	410.19	45.37	10.040		
7,400.00	7,132.56	7,372.15	7,129.85	25.23	24.13	89.99	-187.64	-1,087.36	458.02	409.40	48.63	9.419		
7,500.00	7,153.42	7,469.30	7,150.21	26.97	25.96	89.67	-188.76	-1,182.25	459.54	407.22	52.32	8.783		
7,600.00	7,158.96	7,566.78	7,155.98	28.88	27.96	89.63	-189.40	-1,279.47	460.10	403.75	56.35	8.165		
7,700.00	7,158.66	7,666.78	7,155.83	30.95	30.15	89.65	-189.86	-1,379.46	460.30	399.55	60.75	7.577		
7,800.00	7,158.37	7,766.78	7,155.68	33.16	32.45	89.67	-190.31	-1,479.46	460.50	395.13	65.38	7.044		
7,900.00	7,158.07	7,866.78	7,155.53	35.49	34.86	89.68	-190.77	-1,579.46	460.71	390.50	70.21	6.562		
8,000.00	7,157.78	7,966.78	7,155.37	37.91	37.34	89.70	-191.23	-1,679.46	460.91	385.72	75.19	6.130		
8,100.00	7,157.48	8,066.78	7,155.22	40.41	39.90	89.72	-191.69	-1,779.46	461.11	380.81	80.30	5.742		
8,200.00	7,157.19	8,166.78	7,155.07	42.97	42.50	89.74	-192.14	-1,879.46	461.32	375.79	85.52	5.394		
8,300.00	7,156.89	8,266.78	7,154.92	45.58	45.15	89.75	-192.60	-1,979.46	461.52	370.69	90.83	5.081		
8,400.00	7,156.60	8,366.78	7,154.76	48.24	47.84	89.77	-193.06	-2,079.45	461.72	365.51	96.21	4.799		
8,500.00	7,156.30	8,466.78	7,154.61	50.92	50.56	89.79	-193.52	-2,179.45	461.92	360.28	101.65	4.544		
8,600.00	7,156.01	8,566.77	7,154.46	53.64	53.30	89.81	-193.97	-2,279.45	462.13	354.99	107.14	4.313		
8,700.00	7,155.71	8,666.77	7,154.30	56.38	56.07	89.83	-194.43	-2,379.45	462.33	349.65	112.68	4.103		
8,800.00	7,155.42	8,766.77	7,154.15	59.15	58.86	89.84	-194.89	-2,479.45	462.53	344.28	118.25	3.911		
8,900.00	7,155.12	8,866.77	7,154.00	61.93	61.66	89.86	-195.35	-2,579.45	462.74	338.88	123.86	3.736		
9,000.00	7,154.83	8,966.77	7,153.85	64.73	64.47	89.88	-195.80	-2,679.45	462.94	333.45	129.49	3.575		
9,100.00	7,154.53	9,066.77	7,153.69	67.55	67.30	89.90	-196.26	-2,779.44	463.14	327.99	135.15	3.427		
9,200.00	7,154.24	9,166.77	7,153.54	70.37	70.14	89.91	-196.72	-2,879.44	463.35	322.51	140.83	3.290		
9,300.00	7,153.94	9,266.77	7,153.39	73.21	72.99	89.93	-197.18	-2,979.44	463.55	317.02	146.53	3.163		
9,400.00	7,153.65	9,366.77	7,153.24	76.06	75.85	89.95	-197.63	-3,079.44	463.75	311.50	152.25	3.046		
9,500.00	7,153.35	9,466.77	7,153.08	78.91	78.72	89.97	-198.09	-3,179.44	463.96	305.97	157.98	2.937		
9,600.00	7,153.06	9,566.77	7,152.93	81.77	81.59	89.98	-198.55	-3,279.44	464.16	300.43	163.73	2.835		
9,700.00	7,152.76	9,666.77	7,152.78	84.64	84.47	90.00	-199.01	-3,379.44	464.36	294.88	169.49	2.740		
9,800.00	7,152.47	9,766.77	7,152.62	87.52	87.36	90.02	-199.47	-3,479.43	464.57	289.31	175.26	2.651		
9,900.00	7,152.17	9,866.77	7,152.47	90.40	90.25	90.04	-199.92	-3,579.43	464.77	283.73	181.04	2.567		
10,000.00	7,151.88	9,966.77	7,152.32	93.29	93.14	90.05	-200.38	-3,679.43	464.97	278.15	186.83	2.489		
10,100.00	7,151.58	10,066.77	7,152.17	96.18	96.04	90.07	-200.84	-3,779.43	465.18	272.55	192.62	2.415		
10,200.00	7,151.29	10,166.77	7,152.01	99.08	98.94	90.09	-201.30	-3,879.43	465.38	266.95	198.43	2.345		
10,300.00	7,150.99	10,266.77	7,151.86	101.98	101.85	90.11	-201.75	-3,979.43	465.59	261.35	204.24	2.280		
10,400.00	7,150.70	10,366.77	7,151.71	104.88	104.76	90.12	-202.21	-4,079.42	465.79	255.73	210.06	2.217		
10,500.00	7,150.40	10,466.77	7,151.56	107.78	107.67	90.14	-202.67	-4,179.42	465.99	250.11	215.88	2.159		
10,600.00	7,150.11	10,566.77	7,151.40	110.69	110.58	90.16	-203.13	-4,279.42	466.20	244.49	221.71	2.103		
10,700.00	7,149.81	10,666.77	7,151.25	113.61	113.50	90.18	-203.58	-4,379.42	466.40	238.86	227.54	2.050		
10,800.00	7,149.52	10,766.77	7,151.10	116.52	116.42	90.19	-204.04	-4,479.42	466.61	233.23	233.38	1.999		
10,900.00	7,149.22	10,866.77	7,150.95	119.44	119.34	90.21	-204.50	-4,579.42	466.81	227.59	239.22	1.951		
11,000.00	7,148.93	10,966.77	7,150.79	122.35	122.27	90.23	-204.96	-4,679.42	467.01	221.95	245.07	1.906		
11,100.00	7,148.63	11,066.77	7,150.64	125.28	125.19	90.25	-205.41	-4,779.41	467.22	216.30	250.92	1.862		
11,200.00	7,148.34	11,166.77	7,150.49	128.20	128.12	90.26	-205.87	-4,879.41	467.42	210.65	256.77	1.820		
11,300.00	7,148.04	11,266.77	7,150.33	131.12	131.05	90.28	-206.33	-4,979.41	467.63	205.00	262.63	1.781		
11,400.00	7,147.75	11,366.77	7,150.18	134.05	133.98	90.30	-206.79	-5,079.41	467.83	199.35	268.49	1.742		
11,500.00	7,147.45	11,466.77	7,150.03	136.98	136.91	90.32	-207.24	-5,179.41	468.03	193.69	274.35	1.706		
11,600.00	7,147.16	11,566.77	7,149.88	139.91	139.84	90.33	-207.70	-5,279.41	468.24	188.03	280.21	1.671		
11,700.00	7,146.86	11,666.77	7,149.72	142.84	142.77	90.35	-208.16	-5,379.41	468.44	182.37	286.08	1.637		
11,800.00	7,146.57	11,766.76	7,149.57	145.77	145.71	90.37	-208.62	-5,479.40	468.65	176.70	291.95	1.605		
11,900.00	7,146.27	11,866.76	7,149.42	148.70	148.64	90.38	-209.07	-5,579.40	468.85	171.04	297.82	1.574		
12,000.00	7,145.98	11,966.76	7,149.27	151.63	151.58	90.40	-209.53	-5,679.40	469.06	165.37	303.69	1.545		
12,100.00	7,145.68	12,066.76	7,149.11	154.57	154.52	90.42	-209.99	-5,779.40	469.26	159.70	309.56	1.516		
12,200.00	7,145.39	12,166.76	7,148.96	157.51	157.46	90.44	-210.45	-5,879.40	469.47	154.03	315.44	1.488 Level 3		
12,300.00	7,145.09	12,266.76	7,148.81	160.44	160.40	90.45	-210.90	-5,979.40	469.67	148.35	321.32	1.462 Level 3		
12,400.00	7,144.80	12,366.76	7,148.65	163.38	163.34	90.47	-211.36	-6,079.40	469.88	142.68	327.20	1.436 Level 3		
12,500.00	7,144.50	12,466.76	7,148.50	166.32	166.28	90.49	-211.82	-6,179.39	470.08	137.00	333.08	1.411 Level 3		
12,600.00	7,144.21	12,566.76	7,148.35	169.26	169.22	90.50	-212.28	-6,279.39	470.29	131.32	338.96	1.387 Level 3		
12,700.00	7,143.91	12,666.76	7,148.20	172.20	172.16	90.52	-212.73	-6,379.39	470.49	125.64	344.85	1.364 Level 3		
12,800.00	7,143.62	12,766.76	7,148.04	175.14	175.11	90.54	-213.19	-6,479.39	470.69	119.96	350.73	1.342 Level 3		
12,900.00	7,143.32	12,866.76	7,147.89	178.08	178.05	90.56	-213.65	-6,579.39	470.90	114.28	356.62	1.320 Level 3		
13,000.00	7,143.03	12,966.76	7,147.74	181.02	181.00	90.57	-214.11	-6,679.39	471.10	108.60	362.50	1.300 Level 3		

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	7,142.73	13,066.76	7,147.59	183.97	183.94	90.59	-214.56	-6,779.39	471.31	102.92	368.39	1.279	Level 3	
13,200.00	7,142.44	13,166.76	7,147.43	186.91	186.89	90.61	-215.02	-6,879.38	471.51	97.23	374.28	1.260	Level 3	
13,300.00	7,142.14	13,266.76	7,147.28	189.85	189.83	90.62	-215.48	-6,979.38	471.72	91.55	380.17	1.241	Level 2	
13,400.00	7,141.85	13,366.76	7,147.13	192.80	192.78	90.64	-215.94	-7,079.38	471.92	85.86	386.06	1.222	Level 2	
13,500.00	7,141.55	13,466.76	7,146.97	195.74	195.73	90.66	-216.40	-7,179.38	472.13	80.17	391.96	1.205	Level 2	
13,600.00	7,141.26	13,566.76	7,146.82	198.69	198.67	90.67	-216.85	-7,279.38	472.34	74.49	397.85	1.187	Level 2	
13,700.00	7,140.96	13,666.76	7,146.67	201.64	201.62	90.69	-217.31	-7,379.38	472.54	68.80	403.74	1.170	Level 2	
13,800.00	7,140.67	13,766.76	7,146.52	204.58	204.57	90.71	-217.77	-7,479.37	472.75	63.11	409.64	1.154	Level 2	
13,900.00	7,140.37	13,866.76	7,146.36	207.53	207.52	90.73	-218.23	-7,579.37	472.95	57.42	415.53	1.138	Level 2	
14,000.00	7,140.08	13,966.76	7,146.21	210.48	210.47	90.74	-218.68	-7,679.37	473.16	51.73	421.43	1.123	Level 2	
14,100.00	7,139.78	14,066.76	7,146.06	213.42	213.42	90.76	-219.14	-7,779.37	473.36	46.04	427.32	1.108	Level 2	
14,200.00	7,139.49	14,166.76	7,145.91	216.37	216.37	90.78	-219.60	-7,879.37	473.57	40.35	433.22	1.093	Level 2	
14,300.00	7,139.19	14,266.76	7,145.75	219.32	219.32	90.79	-220.06	-7,979.37	473.77	34.66	439.12	1.079	Level 2	
14,400.00	7,138.90	14,366.76	7,145.60	222.27	222.27	90.81	-220.51	-8,079.37	473.98	28.96	445.02	1.065	Level 2	
14,500.00	7,138.60	14,466.76	7,145.45	225.22	225.22	90.83	-220.97	-8,179.36	474.18	23.27	450.91	1.052	Level 2	
14,600.00	7,138.31	14,566.76	7,145.30	228.17	228.17	90.84	-221.43	-8,279.36	474.39	17.58	456.81	1.038	Level 2	
14,700.00	7,138.01	14,666.76	7,145.14	231.12	231.12	90.86	-221.89	-8,379.36	474.59	11.88	462.71	1.026	Level 2	
14,800.00	7,137.71	14,766.76	7,144.99	234.07	234.07	90.88	-222.34	-8,479.36	474.80	6.19	468.61	1.013	Level 2	
14,900.00	7,137.42	14,866.76	7,144.84	237.02	237.02	90.89	-222.80	-8,579.36	475.01	0.49	474.51	1.001	Level 2	
15,000.00	7,137.12	14,966.76	7,144.68	239.97	239.98	90.91	-223.26	-8,679.36	475.21	-5.20	480.41	0.989	Level 1	
15,100.00	7,136.83	15,066.75	7,144.53	242.92	242.93	90.93	-223.72	-8,779.36	475.42	-10.90	486.31	0.978	Level 1	
15,200.00	7,136.53	15,166.75	7,144.38	245.87	245.88	90.94	-224.17	-8,879.35	475.62	-16.59	492.22	0.966	Level 1	
15,300.00	7,136.24	15,266.75	7,144.23	248.82	248.83	90.96	-224.63	-8,979.35	475.83	-22.29	498.12	0.955	Level 1	
15,400.00	7,135.94	15,366.75	7,144.07	251.77	251.79	90.98	-225.09	-9,079.35	476.04	-27.98	504.02	0.944	Level 1	
15,500.00	7,135.65	15,466.75	7,143.92	254.73	254.74	90.99	-225.55	-9,179.35	476.24	-33.68	509.92	0.934	Level 1	
15,600.00	7,135.35	15,566.75	7,143.77	257.68	257.69	91.01	-226.00	-9,279.35	476.45	-39.38	515.83	0.924	Level 1	
15,700.00	7,135.06	15,666.75	7,143.62	260.63	260.65	91.03	-226.46	-9,379.35	476.65	-45.07	521.73	0.914	Level 1	
15,800.00	7,134.76	15,766.75	7,143.46	263.58	263.60	91.04	-226.92	-9,479.35	476.86	-50.77	527.63	0.904	Level 1	
15,900.00	7,134.47	15,866.75	7,143.31	266.53	266.56	91.06	-227.38	-9,579.34	477.07	-56.47	533.54	0.894	Level 1	
16,000.00	7,134.17	15,966.75	7,143.16	269.49	269.51	91.08	-227.83	-9,679.34	477.27	-62.17	539.44	0.885	Level 1	
16,100.00	7,133.88	16,066.75	7,143.00	272.44	272.46	91.09	-228.29	-9,779.34	477.48	-67.87	545.34	0.876	Level 1	
16,200.00	7,133.58	16,166.75	7,142.85	275.39	275.42	91.11	-228.75	-9,879.34	477.68	-73.56	551.25	0.867	Level 1	
16,300.00	7,133.29	16,266.75	7,142.70	278.35	278.37	91.13	-229.21	-9,979.34	477.89	-79.26	557.15	0.858	Level 1	
16,400.00	7,132.99	16,366.75	7,142.55	281.30	281.33	91.14	-229.66	-10,079.34	478.10	-84.96	563.06	0.849	Level 1	
16,500.00	7,132.70	16,466.75	7,142.39	284.25	284.28	91.16	-230.12	-10,179.34	478.30	-90.66	568.96	0.841	Level 1	
16,600.00	7,132.40	16,566.75	7,142.24	287.21	287.24	91.18	-230.58	-10,279.33	478.51	-96.36	574.87	0.832	Level 1	
16,700.00	7,132.11	16,666.75	7,142.09	290.16	290.19	91.19	-231.04	-10,379.33	478.72	-102.06	580.77	0.824	Level 1	
16,800.00	7,131.81	16,766.75	7,141.94	293.12	293.15	91.21	-231.49	-10,479.33	478.92	-107.75	586.68	0.816	Level 1	
16,900.00	7,131.52	16,866.75	7,141.78	296.07	296.10	91.23	-231.95	-10,579.33	479.13	-113.45	592.58	0.809	Level 1	
17,000.00	7,131.22	16,966.75	7,141.63	299.02	299.06	91.24	-232.41	-10,679.33	479.34	-119.15	598.49	0.801	Level 1	
17,100.00	7,130.93	17,066.75	7,141.48	301.98	302.02	91.26	-232.87	-10,779.33	479.54	-124.85	604.39	0.793	Level 1	
17,200.00	7,130.63	17,166.75	7,141.32	304.93	304.97	91.28	-233.33	-10,879.32	479.75	-130.55	610.30	0.786	Level 1	
17,300.00	7,130.34	17,266.75	7,141.17	307.89	307.93	91.29	-233.78	-10,979.32	479.96	-136.25	616.21	0.779	Level 1	
17,400.00	7,130.04	17,366.75	7,141.02	310.84	310.88	91.31	-234.24	-11,079.32	480.16	-141.95	622.11	0.772	Level 1	
17,414.80	7,130.00	17,381.54	7,141.00	311.28	311.32	91.31	-234.31	-11,094.12	480.19	-142.79	622.99	0.771	Level 1, ES, SF	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
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	CC
200.01	200.01	200.01	200.01	3.30	3.30	0.27	60.11	0.28	60.11	52.54	7.57	7.941	ES
300.00	300.00	300.04	300.04	3.34	3.34	133.35	60.09	-0.16	60.39	52.74	7.65	7.893	
400.00	399.93	400.07	400.00	3.40	3.41	132.44	59.97	-3.65	62.66	54.89	7.77	8.068	
500.00	499.68	499.97	499.65	3.48	3.49	130.82	59.72	-10.61	67.24	59.31	7.93	8.478	
600.00	599.13	600.31	598.87	3.59	3.60	129.05	59.37	-20.64	74.17	66.02	8.15	9.100	
700.00	698.21	700.71	697.91	3.73	3.74	128.94	59.01	-31.13	83.06	74.63	8.42	9.861	
800.00	797.24	801.13	796.94	3.90	3.90	129.13	58.64	-41.62	92.22	83.48	8.74	10.555	
900.00	896.27	901.55	895.96	4.09	4.07	129.28	58.28	-52.11	101.38	92.29	9.09	11.152	
1,000.00	995.30	1,001.97	994.99	4.31	4.27	129.40	57.91	-62.60	110.55	101.07	9.48	11.659	
1,100.00	1,094.32	1,102.39	1,094.01	4.54	4.48	129.50	57.54	-73.09	119.71	109.81	9.90	12.090	
1,200.00	1,193.35	1,202.81	1,193.04	4.79	4.70	129.59	57.18	-83.57	128.88	118.53	10.35	12.453	
1,300.00	1,292.38	1,303.23	1,292.06	5.05	4.93	129.67	56.81	-94.06	138.04	127.22	10.82	12.759	
1,400.00	1,391.40	1,403.65	1,391.08	5.32	5.18	129.74	56.44	-104.55	147.21	135.90	11.31	13.016	
1,500.00	1,490.43	1,504.08	1,490.11	5.60	5.43	129.80	56.08	-115.04	156.37	144.56	11.82	13.233	
1,600.00	1,589.46	1,604.50	1,589.13	5.89	5.69	129.86	55.71	-125.53	165.54	153.20	12.34	13.417	
1,700.00	1,688.48	1,704.92	1,688.16	6.19	5.95	129.90	55.35	-136.02	174.71	161.84	12.87	13.578	
1,800.00	1,787.51	1,805.34	1,787.18	6.35	6.08	129.95	54.98	-146.51	183.87	171.10	12.77	14.400	
1,900.00	1,886.54	1,905.76	1,886.21	6.39	6.11	129.99	54.61	-157.00	193.04	180.21	12.82	15.053	
2,000.00	1,985.56	2,006.18	1,985.23	6.44	6.15	130.02	54.25	-167.49	202.20	189.29	12.91	15.659	
2,100.00	2,084.59	2,106.60	2,084.25	6.52	6.22	130.05	53.88	-177.97	211.37	198.33	13.04	16.214	
2,200.00	2,183.62	2,207.02	2,183.28	6.61	6.29	130.08	53.51	-188.46	220.54	207.35	13.19	16.717	
2,300.00	2,282.64	2,307.44	2,282.30	6.72	6.38	130.11	53.15	-198.95	229.70	216.32	13.38	17.168	
2,400.00	2,381.67	2,407.86	2,381.33	6.85	6.49	130.14	52.78	-209.44	238.87	225.27	13.60	17.568	
2,500.00	2,480.70	2,508.29	2,480.35	6.99	6.61	130.16	52.42	-219.93	248.04	234.19	13.84	17.917	
2,600.00	2,579.72	2,608.71	2,579.38	7.15	6.75	130.18	52.05	-230.42	257.20	243.09	14.12	18.220	
2,700.00	2,678.75	2,709.13	2,678.40	7.33	6.89	130.20	51.68	-240.91	266.37	251.96	14.41	18.479	
2,800.00	2,777.78	2,809.55	2,777.42	7.51	7.05	130.22	51.32	-251.40	275.54	260.80	14.74	18.697	
2,900.00	2,876.80	2,909.97	2,876.45	7.71	7.22	130.24	50.95	-261.88	284.70	269.62	15.08	18.877	
3,000.00	2,975.83	2,989.61	2,975.47	7.92	7.36	130.26	50.58	-272.37	293.87	278.46	15.41	19.071	
3,100.00	3,074.86	3,089.19	3,074.50	8.14	7.55	130.27	50.22	-282.86	303.04	287.25	15.79	19.192	
3,200.00	3,173.89	3,188.77	3,173.52	8.37	7.74	130.29	49.85	-293.35	312.21	296.02	16.19	19.285	
3,300.00	3,272.91	3,288.35	3,272.55	8.60	7.95	130.30	49.49	-303.84	321.37	304.77	16.60	19.355	
3,400.00	3,371.94	3,387.92	3,371.57	8.85	8.16	130.31	49.12	-314.33	330.54	313.50	17.03	19.404	
3,500.00	3,470.97	3,487.50	3,470.59	9.10	8.37	130.33	48.75	-324.82	339.71	322.23	17.48	19.435	
3,600.00	3,569.99	3,587.08	3,569.62	9.36	8.60	130.34	48.39	-335.31	348.87	330.94	17.94	19.451	
3,700.00	3,669.02	3,686.66	3,668.64	9.63	8.83	130.35	48.02	-345.80	358.04	339.63	18.41	19.453	
3,800.00	3,768.05	3,786.24	3,767.67	9.90	9.06	130.36	47.65	-356.28	367.21	348.32	18.89	19.443	
3,900.00	3,867.07	3,885.82	3,866.69	10.18	9.30	130.37	47.29	-366.77	376.37	357.00	19.38	19.424	
4,000.00	3,966.10	3,985.40	3,965.72	10.46	9.55	130.38	46.92	-377.26	385.54	365.66	19.88	19.397	
4,100.00	4,065.13	4,084.98	4,064.74	10.75	9.79	130.39	46.55	-387.75	394.71	374.32	20.39	19.362	
4,200.00	4,164.15	4,184.56	4,163.76	11.04	10.05	130.40	46.19	-398.24	403.87	382.97	20.90	19.322	
4,300.00	4,263.18	4,284.13	4,262.79	11.33	10.30	130.41	45.82	-408.73	413.04	391.62	21.43	19.277	
4,400.00	4,362.21	4,383.71	4,361.81	11.63	10.56	130.41	45.46	-419.22	422.21	400.25	21.96	19.228	
4,500.00	4,461.23	4,483.29	4,460.84	11.93	10.83	130.42	45.09	-429.71	431.38	408.88	22.50	19.176	
4,600.00	4,560.26	4,582.87	4,559.86	12.24	11.09	130.43	44.72	-440.20	440.54	417.50	23.04	19.122	
4,700.00	4,659.29	4,682.45	4,658.89	12.54	11.36	130.44	44.36	-450.68	449.71	426.12	23.59	19.065	
4,800.00	4,758.31	4,782.03	4,757.91	12.85	11.63	130.44	43.99	-461.17	458.88	434.74	24.14	19.007	
4,900.00	4,857.34	4,881.61	4,856.93	13.16	11.91	130.45	43.62	-471.66	468.04	443.34	24.70	18.948	
5,000.00	4,956.37	4,981.19	4,955.96	13.48	12.18	130.45	43.26	-482.15	477.21	451.95	25.26	18.889	
5,100.00	5,055.39	5,080.77	5,054.98	13.80	12.46	130.46	42.89	-492.64	486.38	460.55	25.83	18.828	
5,200.00	5,154.42	5,180.35	5,154.01	14.11	12.74	130.47	42.53	-503.13	495.55	469.14	26.40	18.768	
5,300.00	5,253.45	5,279.92	5,253.03	14.43	13.03	130.47	42.16	-513.62	504.71	477.73	26.98	18.708	
5,400.00	5,352.48	5,379.50	5,352.06	14.76	13.31	130.48	41.79	-524.11	513.88	486.32	27.56	18.648	
5,500.00	5,451.50	5,479.08	5,451.08	15.08	13.60	130.48	41.43	-534.60	523.05	494.91	28.14	18.588	
5,600.00	5,550.53	5,578.66	5,550.10	15.41	13.88	130.49	41.06	-545.08	532.21	503.49	28.72	18.529	
5,700.00	5,649.56	5,678.24	5,649.13	15.73	14.17	130.49	40.69	-555.57	541.38	512.07	29.31	18.470	
5,800.00	5,748.58	5,777.82	5,748.15	16.06	14.46	130.50	40.33	-566.06	550.55	520.65	29.90	18.412	
5,900.00	5,847.61	5,877.40	5,847.18	16.39	14.75	130.50	39.96	-576.55	559.72	529.22	30.49	18.355	
6,000.00	5,946.64	5,976.98	5,946.20	16.72	15.04	130.51	39.60	-587.04	568.88	537.79	31.09	18.298	
6,100.00	6,045.66	6,076.56	6,045.23	17.05	15.34	130.51	39.23	-597.53	578.05	546.36	31.69	18.242	
6,200.00	6,144.69	6,176.13	6,144.25	17.38	15.63	130.51	38.86	-608.02	587.22	554.93	32.29	18.188	
6,300.00	6,243.72	6,275.71	6,243.28	17.72	15.93	130.52	38.50	-618.51	596.38	563.50	32.89	18.134	
6,400.00	6,342.74	6,375.29	6,342.30	18.05	16.22	130.52	38.13	-628.99	605.55	572.06	33.49	18.081	



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
6,500.00	6,441.77	6,473.16	6,439.41	18.39	16.53	130.37	37.76	-640.98	614.78	580.67	34.12	18.021	
6,600.00	6,540.80	6,567.08	6,530.27	18.72	16.92	129.11	37.35	-664.40	624.69	589.81	34.88	17.910	
6,700.00	6,639.57	6,655.73	6,612.01	19.07	17.40	111.27	36.90	-698.54	636.03	600.26	35.77	17.781	
6,800.00	6,735.67	6,741.05	6,685.47	19.49	17.99	96.36	36.42	-741.80	648.17	611.37	36.80	17.614	
6,900.00	6,826.60	6,824.03	6,750.74	20.02	18.69	88.91	35.92	-792.93	660.39	622.39	38.00	17.381	
7,000.00	6,910.10	6,905.10	6,807.57	20.68	19.52	84.07	35.41	-850.66	672.14	632.75	39.39	17.063	
7,100.00	6,984.13	6,984.65	6,855.77	21.49	20.50	80.58	34.90	-913.89	682.92	641.87	41.05	16.636	
7,200.00	7,046.86	7,063.02	6,895.19	22.50	21.64	78.00	34.38	-981.57	692.28	649.27	43.01	16.095	
7,300.00	7,096.75	7,140.51	6,925.69	23.74	22.93	76.12	33.88	-1,052.74	699.86	654.54	45.31	15.444	
7,400.00	7,132.56	7,217.35	6,947.19	25.23	24.35	74.85	33.39	-1,126.47	705.37	657.40	47.97	14.703	
7,500.00	7,153.42	7,293.81	6,959.61	26.97	25.88	74.15	32.91	-1,201.86	708.63	657.68	50.95	13.907	
7,600.00	7,158.96	7,373.12	6,962.98	28.88	27.56	73.97	32.44	-1,281.05	709.54	655.25	54.29	13.069	
7,700.00	7,158.66	7,473.12	6,962.85	30.95	29.79	73.98	31.87	-1,381.05	709.57	651.06	58.52	12.126	
7,800.00	7,158.37	7,573.12	6,962.72	33.16	32.14	74.00	31.29	-1,481.04	709.61	646.64	62.97	11.269	
7,900.00	7,158.07	7,673.11	6,962.58	35.49	34.58	74.01	30.71	-1,581.04	709.64	642.02	67.62	10.495	
8,000.00	7,157.78	7,773.11	6,962.45	37.91	37.10	74.02	30.13	-1,681.04	709.68	637.25	72.42	9.799	
8,100.00	7,157.48	7,873.11	6,962.32	40.41	39.67	74.04	29.55	-1,781.04	709.71	632.36	77.36	9.175	
8,200.00	7,157.19	7,973.11	6,962.19	42.97	42.30	74.05	28.98	-1,881.04	709.75	627.36	82.39	8.614	
8,300.00	7,156.89	8,073.11	6,962.06	45.58	44.97	74.07	28.40	-1,981.03	709.78	622.27	87.51	8.111	
8,400.00	7,156.60	8,173.11	6,961.92	48.24	47.68	74.08	27.82	-2,081.03	709.82	617.11	92.71	7.657	
8,500.00	7,156.30	8,273.11	6,961.79	50.92	50.41	74.10	27.24	-2,181.03	709.85	611.89	97.96	7.246	
8,600.00	7,156.01	8,373.11	6,961.66	53.64	53.17	74.11	26.66	-2,281.03	709.89	606.62	103.27	6.874	
8,700.00	7,155.71	8,473.11	6,961.53	56.38	55.95	74.13	26.09	-2,381.03	709.93	601.31	108.62	6.536	
8,800.00	7,155.42	8,573.11	6,961.39	59.15	58.75	74.14	25.51	-2,481.02	709.96	595.96	114.00	6.227	
8,900.00	7,155.12	8,673.11	6,961.26	61.93	61.56	74.15	24.93	-2,581.02	710.00	590.57	119.42	5.945	
9,000.00	7,154.83	8,773.11	6,961.13	64.73	64.38	74.17	24.35	-2,681.02	710.03	585.16	124.87	5.686	
9,100.00	7,154.53	8,873.11	6,961.00	67.55	67.22	74.18	23.77	-2,781.02	710.07	579.72	130.35	5.448	
9,200.00	7,154.24	8,973.11	6,960.86	70.37	70.07	74.20	23.20	-2,881.02	710.10	574.26	135.84	5.227	
9,300.00	7,153.94	9,073.11	6,960.73	73.21	72.93	74.21	22.62	-2,981.02	710.14	568.78	141.36	5.024	
9,400.00	7,153.65	9,173.11	6,960.60	76.06	75.79	74.23	22.04	-3,081.01	710.17	563.28	146.89	4.835	
9,500.00	7,153.35	9,273.11	6,960.47	78.91	78.66	74.24	21.46	-3,181.01	710.21	557.77	152.44	4.659	
9,600.00	7,153.06	9,373.11	6,960.34	81.77	81.54	74.26	20.88	-3,281.01	710.25	552.25	158.00	4.495	
9,700.00	7,152.76	9,473.11	6,960.20	84.64	84.43	74.27	20.31	-3,381.01	710.28	546.71	163.58	4.342	
9,800.00	7,152.47	9,573.11	6,960.07	87.52	87.32	74.28	19.73	-3,481.01	710.32	541.16	169.16	4.199	
9,900.00	7,152.17	9,673.11	6,959.94	90.40	90.21	74.30	19.15	-3,581.00	710.35	535.59	174.76	4.065	
10,000.00	7,151.88	9,773.11	6,959.81	93.29	93.11	74.31	18.57	-3,681.00	710.39	530.02	180.37	3.939	
10,100.00	7,151.58	9,873.11	6,959.67	96.18	96.01	74.33	17.99	-3,781.00	710.43	524.44	185.98	3.820	
10,200.00	7,151.29	9,973.11	6,959.54	99.08	98.92	74.34	17.42	-3,881.00	710.46	518.86	191.61	3.708	
10,300.00	7,150.99	10,073.11	6,959.41	101.98	101.83	74.36	16.84	-3,981.00	710.50	513.26	197.24	3.602	
10,400.00	7,150.70	10,173.11	6,959.28	104.88	104.74	74.37	16.26	-4,080.99	710.53	507.66	202.87	3.502	
10,500.00	7,150.40	10,273.11	6,959.14	107.78	107.65	74.39	15.68	-4,180.99	710.57	502.05	208.52	3.408	
10,600.00	7,150.11	10,373.11	6,959.01	110.69	110.57	74.40	15.10	-4,280.99	710.61	496.44	214.17	3.318	
10,700.00	7,149.81	10,473.11	6,958.88	113.61	113.49	74.41	14.53	-4,380.99	710.64	490.82	219.82	3.233	
10,800.00	7,149.52	10,573.11	6,958.75	116.52	116.41	74.43	13.95	-4,480.99	710.68	485.20	225.48	3.152	
10,900.00	7,149.22	10,673.11	6,958.62	119.44	119.33	74.44	13.37	-4,580.98	710.72	479.57	231.15	3.075	
11,000.00	7,148.93	10,773.11	6,958.48	122.35	122.26	74.46	12.79	-4,680.98	710.75	473.93	236.82	3.001	
11,100.00	7,148.63	10,873.11	6,958.35	125.28	125.19	74.47	12.21	-4,780.98	710.79	468.30	242.49	2.931	
11,200.00	7,148.34	10,973.11	6,958.22	128.20	128.11	74.49	11.64	-4,880.98	710.82	462.65	248.17	2.864	
11,300.00	7,148.04	11,073.11	6,958.09	131.12	131.04	74.50	11.06	-4,980.98	710.86	457.01	253.85	2.800	
11,400.00	7,147.75	11,173.11	6,957.95	134.05	133.98	74.52	10.48	-5,080.97	710.90	451.36	259.54	2.739	
11,500.00	7,147.45	11,273.11	6,957.82	136.98	136.91	74.53	9.90	-5,180.97	710.93	445.71	265.23	2.680	
11,600.00	7,147.16	11,373.11	6,957.69	139.91	139.84	74.54	9.32	-5,280.97	710.97	440.05	270.92	2.624	
11,700.00	7,146.86	11,473.11	6,957.56	142.84	142.78	74.56	8.75	-5,380.97	711.01	434.39	276.62	2.570	
11,800.00	7,146.57	11,573.11	6,957.42	145.77	145.71	74.57	8.17	-5,480.97	711.05	428.73	282.31	2.519	
11,900.00	7,146.27	11,673.11	6,957.29	148.70	148.65	74.59	7.59	-5,580.97	711.08	423.07	288.01	2.469	
12,000.00	7,145.98	11,773.11	6,957.16	151.63	151.59	74.60	7.01	-5,680.96	711.12	417.40	293.72	2.421	
12,100.00	7,145.68	11,873.11	6,957.03	154.57	154.53	74.62	6.43	-5,780.96	711.16	411.73	299.42	2.375	
12,200.00	7,145.39	11,973.11	6,956.89	157.51	157.47	74.63	5.86	-5,880.96	711.19	406.06	305.13	2.331	
12,300.00	7,145.09	12,073.11	6,956.76	160.44	160.41	74.65	5.28	-5,980.96	711.23	400.39	310.84	2.288	
12,400.00	7,144.80	12,173.11	6,956.63	163.38	163.35	74.66	4.70	-6,080.96	711.27	394.71	316.56	2.247	
12,500.00	7,144.50	12,273.11	6,956.50	166.32	166.29	74.67	4.12	-6,180.95	711.30	389.03	322.27	2.207	
12,600.00	7,144.21	12,373.11	6,956.37	169.26	169.24	74.69	3.54	-6,280.95	711.34	383.35	327.99	2.169	
12,700.00	7,143.91	12,473.11	6,956.23	172.20	172.18	74.70	2.96	-6,380.95	711.38	377.67	333.71	2.132	
12,800.00	7,143.62	12,573.11	6,956.10	175.14	175.12	74.72	2.39	-6,480.95	711.42	371.98	339.43	2.096	
12,900.00	7,143.32	12,673.11	6,955.97	178.08	178.07	74.73	1.81	-6,580.95	711.45	366.30	345.15	2.061	
13,000.00	7,143.03	12,773.11	6,955.84	181.02	181.01	74.75	1.23	-6,680.94	711.49	360.61	350.88	2.028	

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								
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
13,100.00	7,142.73	12,873.11	6,955.70	183.97	183.96	74.76	0.65	-6,780.94	711.53	354.92	356.61	1.995			
13,200.00	7,142.44	12,973.11	6,955.57	186.91	186.90	74.77	0.07	-6,880.94	711.57	349.23	362.34	1.964			
13,300.00	7,142.14	13,073.11	6,955.44	189.85	189.85	74.79	-0.50	-6,980.94	711.60	343.54	368.07	1.933			
13,400.00	7,141.85	13,173.11	6,955.31	192.80	192.80	74.80	-1.08	-7,080.94	711.64	337.84	373.80	1.904			
13,500.00	7,141.55	13,273.11	6,955.17	195.74	195.75	74.82	-1.66	-7,180.93	711.68	332.15	379.53	1.875			
13,600.00	7,141.26	13,373.11	6,955.04	198.69	198.69	74.83	-2.24	-7,280.93	711.72	326.45	385.27	1.847			
13,700.00	7,140.96	13,473.11	6,954.91	201.64	201.64	74.85	-2.82	-7,380.93	711.75	320.75	391.00	1.820			
13,800.00	7,140.67	13,573.11	6,954.78	204.58	204.59	74.86	-3.39	-7,480.93	711.79	315.05	396.74	1.794			
13,900.00	7,140.37	13,673.10	6,954.65	207.53	207.54	74.88	-3.97	-7,580.93	711.83	309.35	402.48	1.769			
14,000.00	7,140.08	13,773.10	6,954.51	210.48	210.49	74.89	-4.55	-7,680.92	711.87	303.65	408.22	1.744			
14,100.00	7,139.78	13,873.10	6,954.38	213.42	213.44	74.90	-5.13	-7,780.92	711.90	297.94	413.96	1.720			
14,200.00	7,139.49	13,973.10	6,954.25	216.37	216.39	74.92	-5.71	-7,880.92	711.94	292.24	419.71	1.696			
14,300.00	7,139.19	14,073.10	6,954.12	219.32	219.34	74.93	-6.28	-7,980.92	711.98	286.53	425.45	1.673			
14,400.00	7,138.90	14,173.10	6,953.98	222.27	222.29	74.95	-6.86	-8,080.92	712.02	280.82	431.20	1.651			
14,500.00	7,138.60	14,273.10	6,953.85	225.22	225.24	74.96	-7.44	-8,180.92	712.06	275.11	436.94	1.630			
14,600.00	7,138.31	14,373.10	6,953.72	228.17	228.19	74.98	-8.02	-8,280.91	712.09	269.40	442.69	1.609			
14,700.00	7,138.01	14,473.10	6,953.59	231.12	231.15	74.99	-8.60	-8,380.91	712.13	263.69	448.44	1.588			
14,800.00	7,137.71	14,573.10	6,953.45	234.07	234.10	75.01	-9.17	-8,480.91	712.17	257.98	454.19	1.568			
14,900.00	7,137.42	14,673.10	6,953.32	237.02	237.05	75.02	-9.75	-8,580.91	712.21	252.26	459.95	1.548			
15,000.00	7,137.12	14,773.10	6,953.19	239.97	240.00	75.03	-10.33	-8,680.91	712.25	246.55	465.70	1.529			
15,100.00	7,136.83	14,873.10	6,953.06	242.92	242.95	75.05	-10.91	-8,780.90	712.28	240.83	471.45	1.511			
15,200.00	7,136.53	14,973.10	6,952.93	245.87	245.91	75.06	-11.49	-8,880.90	712.32	235.11	477.21	1.493	Level 3		
15,300.00	7,136.24	15,073.10	6,952.79	248.82	248.86	75.08	-12.06	-8,980.90	712.36	229.39	482.97	1.475	Level 3		
15,400.00	7,135.94	15,173.10	6,952.66	251.77	251.81	75.09	-12.64	-9,080.90	712.40	223.68	488.72	1.458	Level 3		
15,500.00	7,135.65	15,273.10	6,952.53	254.73	254.77	75.11	-13.22	-9,180.90	712.44	217.96	494.48	1.441	Level 3		
15,600.00	7,135.35	15,373.10	6,952.40	257.68	257.72	75.12	-13.80	-9,280.89	712.48	212.23	500.24	1.424	Level 3		
15,700.00	7,135.06	15,473.10	6,952.26	260.63	260.67	75.13	-14.38	-9,380.89	712.52	206.51	506.00	1.408	Level 3		
15,800.00	7,134.76	15,573.10	6,952.13	263.58	263.63	75.15	-14.95	-9,480.89	712.55	200.79	511.77	1.392	Level 3		
15,900.00	7,134.47	15,673.10	6,952.00	266.53	266.58	75.16	-15.53	-9,580.89	712.59	195.06	517.53	1.377	Level 3		
16,000.00	7,134.17	15,773.10	6,951.87	269.49	269.54	75.18	-16.11	-9,680.89	712.63	189.34	523.29	1.362	Level 3		
16,100.00	7,133.88	15,873.10	6,951.73	272.44	272.49	75.19	-16.69	-9,780.88	712.67	183.61	529.06	1.347	Level 3		
16,200.00	7,133.58	15,973.10	6,951.60	275.39	275.44	75.21	-17.27	-9,880.88	712.71	177.89	534.82	1.333	Level 3		
16,300.00	7,133.29	16,073.10	6,951.47	278.35	278.40	75.22	-17.84	-9,980.88	712.75	172.16	540.59	1.318	Level 3		
16,400.00	7,132.99	16,173.10	6,951.34	281.30	281.35	75.23	-18.42	-10,080.88	712.79	166.43	546.36	1.305	Level 3		
16,500.00	7,132.70	16,273.10	6,951.21	284.25	284.31	75.25	-19.00	-10,180.88	712.83	160.70	552.13	1.291	Level 3		
16,600.00	7,132.40	16,373.10	6,951.07	287.21	287.26	75.26	-19.58	-10,280.87	712.86	154.97	557.90	1.278	Level 3		
16,700.00	7,132.11	16,473.10	6,950.94	290.16	290.22	75.28	-20.16	-10,380.87	712.90	149.24	563.67	1.265	Level 3		
16,800.00	7,131.81	16,573.10	6,950.81	293.12	293.18	75.29	-20.73	-10,480.87	712.94	143.51	569.44	1.252	Level 3		
16,900.00	7,131.52	16,673.10	6,950.68	296.07	296.13	75.31	-21.31	-10,580.87	712.98	137.77	575.21	1.240	Level 2		
17,000.00	7,131.22	16,773.10	6,950.54	299.02	299.09	75.32	-21.89	-10,680.87	713.02	132.04	580.98	1.227	Level 2		
17,100.00	7,130.93	16,873.10	6,950.41	301.98	302.04	75.34	-22.47	-10,780.87	713.06	126.30	586.76	1.215	Level 2		
17,200.00	7,130.63	16,973.10	6,950.28	304.93	305.00	75.35	-23.05	-10,880.86	713.10	120.57	592.53	1.203	Level 2		
17,300.00	7,130.34	17,073.10	6,950.15	307.89	307.95	75.36	-23.62	-10,980.86	713.14	114.83	598.31	1.192	Level 2		
17,400.00	7,130.04	17,173.10	6,950.01	310.84	310.91	75.38	-24.20	-11,080.86	713.18	109.09	604.08	1.181	Level 2		
17,414.80	7,130.00	17,187.89	6,950.00	311.28	311.35	75.38	-24.29	-11,095.65	713.18	108.24	604.94	1.179	Level 2, SF		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	0.00	0.00	3.28	3.28	0.40	80.14	0.56	80.14				
100.00	100.00	100.00	100.00	3.28	3.28	0.40	80.14	0.56	80.14	72.61	7.53	10.647	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	80.14	0.56	80.14	72.57	7.57	10.588	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	80.14	0.56	80.14	72.57	7.57	10.588	CC, ES
300.00	300.00	299.67	299.67	3.34	3.34	133.52	80.24	0.14	80.54	72.89	7.65	10.526	
400.00	399.93	398.94	398.87	3.40	3.41	132.90	81.06	-3.20	83.76	75.99	7.77	10.782	
500.00	499.68	497.97	497.66	3.48	3.49	131.79	82.70	-9.86	90.20	82.27	7.93	11.368	
600.00	599.13	603.03	596.15	3.59	3.61	130.53	85.08	-19.56	99.82	91.66	8.16	12.233	
700.00	698.21	703.73	694.88	3.73	3.75	130.43	87.62	-29.89	111.61	103.17	8.43	13.233	
800.00	797.24	804.46	793.58	3.90	3.91	130.57	90.15	-40.22	123.67	114.92	8.75	14.136	
900.00	896.27	905.19	892.27	4.09	4.09	130.69	92.69	-50.55	135.74	126.64	9.10	14.912	
1,000.00	995.30	1,005.92	990.97	4.31	4.28	130.79	95.23	-60.88	147.81	138.31	9.49	15.571	
1,100.00	1,094.32	1,106.66	1,089.67	4.54	4.49	130.87	97.76	-71.20	159.87	149.96	9.91	16.129	
1,200.00	1,193.35	1,207.39	1,188.37	4.79	4.72	130.94	100.30	-81.53	171.94	161.58	10.36	16.600	
1,300.00	1,292.38	1,308.12	1,287.07	5.05	4.95	131.01	102.84	-91.86	184.01	173.18	10.83	16.996	
1,400.00	1,391.40	1,408.85	1,385.76	5.32	5.19	131.06	105.37	-102.19	196.08	184.76	11.32	17.328	
1,500.00	1,490.43	1,490.42	1,484.46	5.60	5.40	131.11	107.91	-112.51	208.15	196.37	11.77	17.681	
1,600.00	1,589.46	1,589.69	1,583.16	5.89	5.65	131.15	110.45	-122.84	220.22	207.93	12.29	17.922	
1,700.00	1,688.48	1,688.96	1,681.86	6.19	5.91	131.19	112.98	-133.17	232.28	219.47	12.82	18.125	
1,800.00	1,787.51	1,788.23	1,780.55	6.35	6.07	131.22	115.52	-143.50	244.35	231.62	12.73	19.189	
1,900.00	1,886.54	1,887.50	1,879.25	6.39	6.11	131.26	118.06	-153.83	256.42	243.62	12.80	20.031	
2,000.00	1,985.56	1,986.76	1,977.95	6.44	6.15	131.28	120.59	-164.15	268.49	255.60	12.89	20.835	
2,100.00	2,084.59	2,086.03	2,076.65	6.52	6.20	131.31	123.13	-174.48	280.56	267.56	13.00	21.574	
2,200.00	2,183.62	2,185.30	2,175.34	6.61	6.28	131.33	125.67	-184.81	292.63	279.47	13.16	22.245	
2,300.00	2,282.64	2,284.57	2,274.04	6.72	6.36	131.36	128.20	-195.14	304.70	291.36	13.34	22.847	
2,400.00	2,381.67	2,383.84	2,372.74	6.85	6.47	131.38	130.74	-205.47	316.77	303.22	13.55	23.382	
2,500.00	2,480.70	2,483.11	2,471.44	6.99	6.58	131.40	133.28	-215.79	328.84	315.05	13.79	23.851	
2,600.00	2,579.72	2,582.38	2,570.13	7.15	6.71	131.41	135.82	-226.12	340.91	326.85	14.05	24.258	
2,700.00	2,678.75	2,681.65	2,668.83	7.33	6.85	131.43	138.35	-236.45	352.98	338.63	14.34	24.607	
2,800.00	2,777.78	2,780.92	2,767.53	7.51	7.00	131.44	140.89	-246.78	365.04	350.38	14.66	24.901	
2,900.00	2,876.80	2,880.19	2,866.23	7.71	7.17	131.46	143.43	-257.11	377.11	362.12	15.00	25.147	
3,000.00	2,975.83	2,979.45	2,964.93	7.92	7.34	131.47	145.96	-267.43	389.18	373.83	15.35	25.347	
3,100.00	3,074.86	3,078.72	3,063.62	8.14	7.53	131.49	148.50	-277.76	401.25	385.52	15.73	25.507	
3,200.00	3,173.89	3,177.99	3,162.32	8.37	7.72	131.50	151.04	-288.09	413.32	397.20	16.13	25.631	
3,300.00	3,272.91	3,277.26	3,261.02	8.60	7.92	131.51	153.57	-298.42	425.39	408.85	16.54	25.724	
3,400.00	3,371.94	3,376.53	3,359.72	8.85	8.13	131.52	156.11	-308.74	437.46	420.50	16.96	25.789	
3,500.00	3,470.97	3,475.80	3,458.41	9.10	8.34	131.53	158.65	-319.07	449.53	432.13	17.40	25.831	
3,600.00	3,569.99	3,575.07	3,557.11	9.36	8.56	131.54	161.18	-329.40	461.60	443.74	17.86	25.851	
3,700.00	3,669.02	3,674.34	3,655.81	9.63	8.79	131.55	163.72	-339.73	473.67	455.35	18.32	25.854	
3,800.00	3,768.05	3,773.61	3,754.51	9.90	9.02	131.56	166.26	-350.06	485.74	466.94	18.80	25.841	
3,900.00	3,867.07	3,872.87	3,853.20	10.18	9.26	131.56	168.79	-360.38	497.81	478.52	19.28	25.815	
4,000.00	3,966.10	3,972.14	3,951.90	10.46	9.50	131.57	171.33	-370.71	509.88	490.10	19.78	25.778	
4,100.00	4,065.13	4,071.41	4,050.60	10.75	9.75	131.58	173.87	-381.04	521.95	501.66	20.28	25.732	
4,200.00	4,164.15	4,170.68	4,149.30	11.04	10.00	131.59	176.40	-391.37	534.02	513.22	20.80	25.678	
4,300.00	4,263.18	4,269.95	4,247.99	11.33	10.25	131.59	178.94	-401.70	546.09	524.77	21.32	25.618	
4,400.00	4,362.21	4,369.22	4,346.69	11.63	10.51	131.60	181.48	-412.02	558.16	536.31	21.84	25.552	
4,500.00	4,461.23	4,468.49	4,445.39	11.93	10.77	131.61	184.01	-422.35	570.23	547.85	22.38	25.482	
4,600.00	4,560.26	4,567.76	4,544.09	12.24	11.03	131.61	186.55	-432.68	582.29	559.38	22.92	25.409	
4,700.00	4,659.29	4,667.03	4,642.78	12.54	11.30	131.62	189.09	-443.01	594.36	570.90	23.46	25.333	
4,800.00	4,758.31	4,766.30	4,741.48	12.85	11.57	131.62	191.62	-453.33	606.43	582.42	24.01	25.255	
4,900.00	4,857.34	4,865.56	4,840.18	13.16	11.84	131.63	194.16	-463.66	618.50	593.94	24.57	25.176	
5,000.00	4,956.37	4,964.83	4,938.88	13.48	12.12	131.63	196.70	-473.99	630.57	605.45	25.13	25.096	
5,100.00	5,055.39	5,064.10	5,037.58	13.80	12.39	131.64	199.23	-484.32	642.64	616.95	25.69	25.015	
5,200.00	5,154.42	5,163.37	5,136.27	14.11	12.67	131.64	201.77	-494.65	654.71	628.45	26.26	24.934	
5,300.00	5,253.45	5,262.64	5,234.97	14.43	12.95	131.65	204.31	-504.97	666.78	639.95	26.83	24.853	
5,400.00	5,352.48	5,361.91	5,333.67	14.76	13.23	131.65	206.84	-515.30	678.85	651.45	27.40	24.772	
5,500.00	5,451.50	5,461.18	5,432.37	15.08	13.51	131.66	209.38	-525.63	690.92	662.94	27.98	24.692	
5,600.00	5,550.53	5,560.45	5,531.06	15.41	13.80	131.66	211.92	-535.96	702.99	674.43	28.56	24.612	
5,700.00	5,649.56	5,659.72	5,629.76	15.73	14.09	131.66	214.45	-546.29	715.06	685.91	29.15	24.533	
5,800.00	5,748.58	5,758.98	5,728.46	16.06	14.37	131.67	216.99	-556.61	727.13	697.40	29.73	24.455	
5,900.00	5,847.61	5,858.25	5,827.16	16.39	14.66	131.67	219.53	-566.94	739.20	708.88	30.32	24.378	
6,000.00	5,946.64	5,957.52	5,925.85	16.72	14.95	131.67	222.07	-577.27	751.27	720.36	30.91	24.303	
6,100.00	6,045.66	6,056.79	6,024.55	17.05	15.24	131.68	224.60	-587.60	763.34	731.83	31.51	24.228	
6,200.00	6,144.69	6,156.06	6,123.25	17.38	15.53	131.68	227.14	-597.92	775.41	743.31	32.10	24.154	
6,300.00	6,243.72	6,255.33	6,221.95	17.72	15.83	131.68	229.68	-608.25	787.48	754.78	32.70	24.082	
6,400.00	6,342.74	6,354.60	6,320.64	18.05	16.12	131.69	232.21	-618.58	799.55	766.25	33.30	24.011	

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	6,441.77	6,453.87	6,419.34	18.39	16.42	131.69	234.75	-628.91	811.62	777.72	33.90	23.941	
6,600.00	6,540.80	6,552.11	6,516.77	18.72	16.72	131.56	237.24	-641.04	823.72	789.20	34.52	23.861	
6,700.00	6,639.57	6,647.49	6,608.90	19.07	17.12	114.94	239.55	-665.26	836.08	800.81	35.27	23.705	
6,800.00	6,735.67	6,740.75	6,694.51	19.49	17.64	101.09	241.63	-701.99	848.41	812.20	36.21	23.432	
6,900.00	6,826.60	6,832.38	6,772.52	20.02	18.28	94.56	243.47	-749.87	860.28	822.90	37.37	23.018	
7,000.00	6,910.10	6,922.64	6,841.88	20.68	19.08	90.49	245.04	-807.50	871.35	832.53	38.82	22.447	
7,100.00	6,984.13	7,011.80	6,901.71	21.49	20.05	87.64	246.32	-873.48	881.30	840.69	40.60	21.705	
7,200.00	7,046.86	7,100.07	6,951.31	22.50	21.21	85.56	247.31	-946.41	889.83	847.04	42.79	20.793	
7,300.00	7,096.75	7,187.68	6,990.10	23.74	22.59	84.06	247.99	-1,024.88	896.71	851.26	45.45	19.732	
7,400.00	7,132.56	7,274.82	7,017.65	25.23	24.15	83.05	248.36	-1,107.48	901.73	853.20	48.53	18.579	
7,500.00	7,153.42	7,361.66	7,033.64	26.97	25.86	82.48	248.41	-1,192.77	904.77	852.77	52.00	17.398	
7,600.00	7,158.96	7,450.00	7,037.97	28.88	27.72	82.32	248.15	-1,280.93	905.76	849.96	55.80	16.233	
7,700.00	7,158.66	7,550.00	7,037.72	30.95	29.95	82.33	247.72	-1,380.93	905.98	845.81	60.17	15.057	
7,800.00	7,158.37	7,650.00	7,037.46	33.16	32.29	82.33	247.29	-1,480.93	906.20	841.43	64.77	13.991	
7,900.00	7,158.07	7,750.00	7,037.21	35.49	34.72	82.34	246.86	-1,580.93	906.42	836.86	69.56	13.030	
8,000.00	7,157.78	7,850.00	7,036.96	37.91	37.23	82.34	246.42	-1,680.93	906.65	832.13	74.52	12.167	
8,100.00	7,157.48	7,950.00	7,036.70	40.41	39.80	82.35	245.99	-1,780.93	906.87	827.27	79.60	11.393	
8,200.00	7,157.19	8,050.00	7,036.45	42.97	42.43	82.35	245.56	-1,880.93	907.09	822.31	84.78	10.699	
8,300.00	7,156.89	8,150.00	7,036.19	45.58	45.09	82.35	245.13	-1,980.92	907.31	817.26	90.05	10.076	
8,400.00	7,156.60	8,250.00	7,035.94	48.24	47.79	82.36	244.70	-2,080.92	907.53	812.14	95.39	9.514	
8,500.00	7,156.30	8,350.00	7,035.68	50.92	50.52	82.36	244.26	-2,180.92	907.75	806.96	100.79	9.006	
8,600.00	7,156.01	8,450.00	7,035.43	53.64	53.28	82.37	243.83	-2,280.92	907.98	801.73	106.25	8.546	
8,700.00	7,155.71	8,550.00	7,035.17	56.38	56.05	82.37	243.40	-2,380.92	908.20	796.45	111.74	8.128	
8,800.00	7,155.42	8,649.99	7,034.92	59.15	58.85	82.38	242.97	-2,480.92	908.42	791.14	117.28	7.746	
8,900.00	7,155.12	8,749.99	7,034.66	61.93	61.66	82.38	242.54	-2,580.91	908.64	785.80	122.84	7.397	
9,000.00	7,154.83	8,849.99	7,034.41	64.73	64.48	82.39	242.10	-2,680.91	908.86	780.43	128.44	7.076	
9,100.00	7,154.53	8,949.99	7,034.16	67.55	67.32	82.39	241.67	-2,780.91	909.09	775.03	134.06	6.781	
9,200.00	7,154.24	9,049.99	7,033.90	70.37	70.16	82.39	241.24	-2,880.91	909.31	769.61	139.70	6.509	
9,300.00	7,153.94	9,149.99	7,033.65	73.21	73.02	82.40	240.81	-2,980.91	909.53	764.17	145.36	6.257	
9,400.00	7,153.65	9,249.99	7,033.39	76.06	75.88	82.40	240.38	-3,080.91	909.75	758.72	151.03	6.024	
9,500.00	7,153.35	9,349.99	7,033.14	78.91	78.75	82.41	239.94	-3,180.91	909.97	753.25	156.73	5.806	
9,600.00	7,153.06	9,449.99	7,032.88	81.77	81.63	82.41	239.51	-3,280.90	910.19	747.76	162.43	5.604	
9,700.00	7,152.76	9,549.99	7,032.63	84.64	84.51	82.42	239.08	-3,380.90	910.42	742.27	168.15	5.414	
9,800.00	7,152.47	9,649.99	7,032.37	87.52	87.40	82.42	238.65	-3,480.90	910.64	736.76	173.88	5.237	
9,900.00	7,152.17	9,749.99	7,032.12	90.40	90.29	82.43	238.22	-3,580.90	910.86	731.24	179.61	5.071	
10,000.00	7,151.88	9,849.99	7,031.86	93.29	93.19	82.43	237.79	-3,680.90	911.08	725.72	185.36	4.915	
10,100.00	7,151.58	9,949.99	7,031.61	96.18	96.09	82.43	237.35	-3,780.90	911.30	720.19	191.12	4.768	
10,200.00	7,151.29	10,049.99	7,031.36	99.08	99.00	82.44	236.92	-3,880.90	911.53	714.64	196.88	4.630	
10,300.00	7,150.99	10,149.99	7,031.10	101.98	101.90	82.44	236.49	-3,980.89	911.75	709.10	202.65	4.499	
10,400.00	7,150.70	10,249.99	7,030.85	104.88	104.82	82.45	236.06	-4,080.89	911.97	703.54	208.43	4.375	
10,500.00	7,150.40	10,349.99	7,030.59	107.78	107.73	82.45	235.63	-4,180.89	912.19	697.98	214.21	4.258	
10,600.00	7,150.11	10,449.99	7,030.34	110.69	110.65	82.46	235.19	-4,280.89	912.41	692.42	220.00	4.147	
10,700.00	7,149.81	10,549.99	7,030.08	113.61	113.57	82.46	234.76	-4,380.89	912.63	686.85	225.79	4.042	
10,800.00	7,149.52	10,649.99	7,029.83	116.52	116.49	82.47	234.33	-4,480.89	912.86	681.27	231.59	3.942	
10,900.00	7,149.22	10,749.99	7,029.57	119.44	119.41	82.47	233.90	-4,580.88	913.08	675.69	237.39	3.846	
11,000.00	7,148.93	10,849.99	7,029.32	122.35	122.33	82.47	233.47	-4,680.88	913.30	670.11	243.19	3.755	
11,100.00	7,148.63	10,949.99	7,029.06	125.28	125.26	82.48	233.03	-4,780.88	913.52	664.52	249.00	3.669	
11,200.00	7,148.34	11,049.99	7,028.81	128.20	128.19	82.48	232.60	-4,880.88	913.74	658.93	254.81	3.586	
11,300.00	7,148.04	11,149.99	7,028.56	131.12	131.12	82.49	232.17	-4,980.88	913.97	653.34	260.63	3.507	
11,400.00	7,147.75	11,249.99	7,028.30	134.05	134.05	82.49	231.74	-5,080.88	914.19	647.74	266.45	3.431	
11,500.00	7,147.45	11,349.99	7,028.05	136.98	136.98	82.50	231.31	-5,180.88	914.41	642.14	272.27	3.358	
11,600.00	7,147.16	11,449.99	7,027.79	139.91	139.92	82.50	230.87	-5,280.87	914.63	636.54	278.09	3.289	
11,700.00	7,146.86	11,549.99	7,027.54	142.84	142.85	82.51	230.44	-5,380.87	914.85	630.93	283.92	3.222	
11,800.00	7,146.57	11,649.99	7,027.28	145.77	145.79	82.51	230.01	-5,480.87	915.08	625.33	289.75	3.158	
11,900.00	7,146.27	11,749.99	7,027.03	148.70	148.73	82.51	229.58	-5,580.87	915.30	619.72	295.58	3.097	
12,000.00	7,145.98	11,849.99	7,026.77	151.63	151.66	82.52	229.15	-5,680.87	915.52	614.11	301.41	3.037	
12,100.00	7,145.68	11,949.99	7,026.52	154.57	154.60	82.52	228.71	-5,780.87	915.74	608.49	307.25	2.980	
12,200.00	7,145.39	12,049.99	7,026.26	157.51	157.54	82.53	228.28	-5,880.86	915.96	602.88	313.08	2.926	
12,300.00	7,145.09	12,149.99	7,026.01	160.44	160.48	82.53	227.85	-5,980.86	916.19	597.26	318.92	2.873	
12,400.00	7,144.80	12,249.99	7,025.76	163.38	163.42	82.54	227.42	-6,080.86	916.41	591.64	324.76	2.822	
12,500.00	7,144.50	12,349.99	7,025.50	166.32	166.37	82.54	226.99	-6,180.86	916.63	586.02	330.60	2.773	
12,600.00	7,144.21	12,449.98	7,025.25	169.26	169.31	82.54	226.55	-6,280.86	916.85	580.40	336.45	2.725	
12,700.00	7,143.91	12,549.98	7,024.99	172.20	172.25	82.55	226.12	-6,380.86	917.07	574.78	342.29	2.679	
12,800.00	7,143.62	12,649.98	7,024.74	175.14	175.20	82.55	225.69	-6,480.86	917.29	569.16	348.14	2.635	
12,900.00	7,143.32	12,749.98	7,024.48	178.08	178.14	82.56	225.26	-6,580.85	917.52	563.53	353.99	2.592	
13,000.00	7,143.03	12,849.98	7,024.23	181.02	181.09	82.56	224.83	-6,680.85	917.74	557.90	359.84	2.550	

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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,142.73	12,949.98	7,023.97	183.97	184.03	82.57	224.39	-6,780.85	917.96	552.27	365.69	2.510	
13,200.00	7,142.44	13,049.98	7,023.72	186.91	186.98	82.57	223.96	-6,880.85	918.18	546.65	371.54	2.471	
13,300.00	7,142.14	13,149.98	7,023.46	189.85	189.93	82.58	223.53	-6,980.85	918.40	541.01	377.39	2.434	
13,400.00	7,141.85	13,249.98	7,023.21	192.80	192.87	82.58	223.10	-7,080.85	918.63	535.38	383.24	2.397	
13,500.00	7,141.55	13,349.98	7,022.96	195.74	195.82	82.58	222.67	-7,180.84	918.85	529.75	389.10	2.361	
13,600.00	7,141.26	13,449.98	7,022.70	198.69	198.77	82.59	222.24	-7,280.84	919.07	524.12	394.95	2.327	
13,700.00	7,140.96	13,549.98	7,022.45	201.64	201.72	82.59	221.80	-7,380.84	919.29	518.48	400.81	2.294	
13,800.00	7,140.67	13,649.98	7,022.19	204.58	204.67	82.60	221.37	-7,480.84	919.52	512.85	406.67	2.261	
13,900.00	7,140.37	13,749.98	7,021.94	207.53	207.62	82.60	220.94	-7,580.84	919.74	507.21	412.53	2.230	
14,000.00	7,140.08	13,849.98	7,021.68	210.48	210.57	82.61	220.51	-7,680.84	919.96	501.57	418.38	2.199	
14,100.00	7,139.78	13,949.98	7,021.43	213.42	213.52	82.61	220.08	-7,780.84	920.18	495.94	424.24	2.169	
14,200.00	7,139.49	14,049.98	7,021.17	216.37	216.47	82.61	219.64	-7,880.83	920.40	490.30	430.10	2.140	
14,300.00	7,139.19	14,149.98	7,020.92	219.32	219.42	82.62	219.21	-7,980.83	920.63	484.66	435.97	2.112	
14,400.00	7,138.90	14,249.98	7,020.66	222.27	222.37	82.62	218.78	-8,080.83	920.85	479.02	441.83	2.084	
14,500.00	7,138.60	14,349.98	7,020.41	225.22	225.32	82.63	218.35	-8,180.83	921.07	473.38	447.69	2.057	
14,600.00	7,138.31	14,449.98	7,020.16	228.17	228.27	82.63	217.92	-8,280.83	921.29	467.74	453.55	2.031	
14,700.00	7,138.01	14,549.98	7,019.90	231.12	231.22	82.64	217.48	-8,380.83	921.51	462.10	459.42	2.006	
14,800.00	7,137.71	14,649.98	7,019.65	234.07	234.18	82.64	217.05	-8,480.82	921.74	456.45	465.28	1.981	
14,900.00	7,137.42	14,749.98	7,019.39	237.02	237.13	82.64	216.62	-8,580.82	921.96	450.81	471.15	1.957	
15,000.00	7,137.12	14,849.98	7,019.14	239.97	240.08	82.65	216.19	-8,680.82	922.18	445.17	477.01	1.933	
15,100.00	7,136.83	14,949.98	7,018.88	242.92	243.03	82.65	215.76	-8,780.82	922.40	439.52	482.88	1.910	
15,200.00	7,136.53	15,049.98	7,018.63	245.87	245.99	82.66	215.32	-8,880.82	922.62	433.88	488.75	1.888	
15,300.00	7,136.24	15,149.98	7,018.37	248.82	248.94	82.66	214.89	-8,980.82	922.85	428.23	494.61	1.866	
15,400.00	7,135.94	15,249.98	7,018.12	251.77	251.89	82.67	214.46	-9,080.82	923.07	422.59	500.48	1.844	
15,500.00	7,135.65	15,349.98	7,017.86	254.73	254.85	82.67	214.03	-9,180.81	923.29	416.94	506.35	1.823	
15,600.00	7,135.35	15,449.98	7,017.61	257.68	257.80	82.67	213.60	-9,280.81	923.51	411.29	512.22	1.803	
15,700.00	7,135.06	15,549.98	7,017.36	260.63	260.75	82.68	213.16	-9,380.81	923.73	405.65	518.09	1.783	
15,800.00	7,134.76	15,649.98	7,017.10	263.58	263.71	82.68	212.73	-9,480.81	923.96	400.00	523.96	1.763	
15,900.00	7,134.47	15,749.98	7,016.85	266.53	266.66	82.69	212.30	-9,580.81	924.18	394.35	529.83	1.744	
16,000.00	7,134.17	15,849.98	7,016.59	269.49	269.62	82.69	211.87	-9,680.81	924.40	388.70	535.70	1.726	
16,100.00	7,133.88	15,949.98	7,016.34	272.44	272.57	82.70	211.44	-9,780.81	924.62	383.05	541.57	1.707	
16,200.00	7,133.58	16,049.98	7,016.08	275.39	275.53	82.70	211.00	-9,880.80	924.85	377.40	547.44	1.689	
16,300.00	7,133.29	16,149.97	7,015.83	278.35	278.48	82.70	210.57	-9,980.80	925.07	371.75	553.32	1.672	
16,400.00	7,132.99	16,249.97	7,015.57	281.30	281.44	82.71	210.14	-10,080.80	925.29	366.10	559.19	1.655	
16,500.00	7,132.70	16,349.97	7,015.32	284.25	284.39	82.71	209.71	-10,180.80	925.51	360.45	565.06	1.638	
16,600.00	7,132.40	16,449.97	7,015.06	287.21	287.35	82.72	209.28	-10,280.80	925.73	354.80	570.93	1.621	
16,700.00	7,132.11	16,549.97	7,014.81	290.16	290.30	82.72	208.85	-10,380.80	925.96	349.15	576.81	1.605	
16,800.00	7,131.81	16,649.97	7,014.56	293.12	293.26	82.73	208.41	-10,480.79	926.18	343.50	582.68	1.590	
16,900.00	7,131.52	16,749.97	7,014.30	296.07	296.21	82.73	207.98	-10,580.79	926.40	337.85	588.56	1.574	
17,000.00	7,131.22	16,849.97	7,014.05	299.02	299.17	82.73	207.55	-10,680.79	926.62	332.19	594.43	1.559	
17,100.00	7,130.93	16,949.97	7,013.79	301.98	302.13	82.74	207.12	-10,780.79	926.85	326.54	600.31	1.544	
17,200.00	7,130.63	17,049.97	7,013.54	304.93	305.08	82.74	206.69	-10,880.79	927.07	320.89	606.18	1.529	
17,300.00	7,130.34	17,149.97	7,013.28	307.89	308.04	82.75	206.25	-10,980.79	927.29	315.23	612.06	1.515	
17,400.00	7,130.04	17,249.97	7,013.03	310.84	310.99	82.75	205.82	-11,080.79	927.51	309.58	617.93	1.501	
17,414.80	7,130.00	17,264.77	7,012.99	311.28	311.43	82.75	205.76	-11,095.58	927.54	308.74	618.80	1.499	Level 3, 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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-40.07	-0.28	40.07					
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-40.07	-0.28	40.07	32.55	7.53	5.324		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295		
283.83	283.83	283.44	283.43	3.34	3.34	-46.89	-40.24	-0.38	39.82	32.19	7.63	5.216 CC		
300.00	300.00	299.42	299.41	3.34	3.34	-46.52	-40.43	-0.51	40.14	32.49	7.65	5.247		
400.00	399.93	398.24	398.18	3.40	3.40	-47.46	-43.30	-2.36	40.65	32.90	7.75	5.243		
500.00	499.68	497.06	496.75	3.48	3.48	-49.26	-49.02	-6.05	41.71	33.81	7.90	5.280		
600.00	599.13	595.85	595.01	3.59	3.58	-51.79	-57.60	-11.57	43.36	35.27	8.09	5.360		
700.00	698.21	694.61	692.82	3.73	3.71	-54.44	-69.01	-18.93	45.94	37.61	8.34	5.511		
800.00	797.24	793.30	790.05	3.90	3.89	-54.62	-83.24	-28.10	50.93	42.30	8.63	5.899		
900.00	896.27	906.89	888.11	4.09	4.13	-53.76	-98.89	-38.18	57.08	48.06	9.02	6.328		
1,000.00	995.30	992.91	986.16	4.31	4.34	-53.08	-114.54	-48.27	63.23	53.84	9.39	6.732		
1,100.00	1,094.32	1,107.28	1,084.22	4.54	4.65	-52.51	-130.19	-58.35	69.39	59.54	9.86	7.039		
1,200.00	1,193.35	1,207.47	1,182.27	4.79	4.93	-52.04	-145.84	-68.44	75.56	65.24	10.32	7.319		
1,300.00	1,292.38	1,307.66	1,280.33	5.05	5.24	-51.63	-161.48	-78.52	81.74	70.92	10.81	7.558		
1,400.00	1,391.40	1,392.15	1,378.39	5.32	5.50	-51.29	-177.13	-88.61	87.91	76.63	11.28	7.792		
1,500.00	1,490.43	1,508.05	1,476.44	5.60	5.88	-50.99	-192.78	-98.69	94.09	82.24	11.85	7.938		
1,600.00	1,589.46	1,608.24	1,574.50	5.89	6.22	-50.72	-208.43	-108.78	100.28	87.88	12.40	8.088		
1,700.00	1,688.48	1,708.43	1,672.55	6.19	6.55	-50.49	-224.08	-118.86	106.46	93.52	12.94	8.225		
1,800.00	1,787.51	1,808.62	1,770.61	6.35	6.73	-50.28	-239.73	-128.95	112.65	99.80	12.85	8.769		
1,900.00	1,886.54	1,908.82	1,868.67	6.39	6.78	-50.10	-255.38	-139.03	118.83	105.93	12.90	9.211		
2,000.00	1,985.56	2,009.01	1,966.72	6.44	6.86	-49.93	-271.02	-149.12	125.02	112.03	12.99	9.622		
2,100.00	2,084.59	2,109.20	2,064.78	6.52	6.96	-49.78	-286.67	-159.20	131.21	118.09	13.12	10.000		
2,200.00	2,183.62	2,209.39	2,162.84	6.61	7.08	-49.64	-302.32	-169.29	137.40	124.11	13.29	10.342		
2,300.00	2,282.64	2,309.59	2,260.89	6.72	7.22	-49.52	-317.97	-179.37	143.59	130.11	13.48	10.650		
2,400.00	2,381.67	2,409.78	2,358.95	6.85	7.39	-49.40	-333.62	-189.45	149.78	136.07	13.71	10.923		
2,500.00	2,480.70	2,509.97	2,457.00	6.99	7.57	-49.29	-349.27	-199.54	155.97	142.00	13.97	11.163		
2,600.00	2,579.72	2,589.84	2,555.06	7.15	7.72	-49.19	-364.91	-209.62	162.17	147.94	14.23	11.397		
2,700.00	2,678.75	2,689.65	2,653.12	7.33	7.93	-49.10	-380.56	-219.71	168.36	153.82	14.54	11.578		
2,800.00	2,777.78	2,789.45	2,751.17	7.51	8.16	-49.02	-396.21	-229.79	174.55	159.67	14.88	11.732		
2,900.00	2,876.80	2,889.26	2,849.23	7.71	8.40	-48.94	-411.86	-239.88	180.74	165.50	15.24	11.860		
3,000.00	2,975.83	2,989.07	2,947.28	7.92	8.65	-48.87	-427.51	-249.96	186.94	171.32	15.62	11.966		
3,100.00	3,074.86	3,088.88	3,045.34	8.14	8.91	-48.80	-443.16	-260.05	193.13	177.11	16.02	12.052		
3,200.00	3,173.89	3,188.68	3,143.40	8.37	9.18	-48.73	-458.80	-270.13	199.33	182.88	16.45	12.120		
3,300.00	3,272.91	3,288.49	3,241.45	8.60	9.47	-48.67	-474.45	-280.22	205.52	188.64	16.88	12.173		
3,400.00	3,371.94	3,388.30	3,339.51	8.85	9.76	-48.62	-490.10	-290.30	211.72	194.38	17.34	12.211		
3,500.00	3,470.97	3,488.11	3,437.57	9.10	10.06	-48.56	-505.75	-300.39	217.91	200.10	17.81	12.238		
3,600.00	3,569.99	3,587.92	3,535.62	9.36	10.36	-48.51	-521.40	-310.47	224.11	205.82	18.29	12.255		
3,700.00	3,669.02	3,687.72	3,633.68	9.63	10.68	-48.46	-537.05	-320.56	230.30	211.52	18.78	12.262		
3,800.00	3,768.05	3,787.53	3,731.73	9.90	11.00	-48.42	-552.70	-330.64	236.50	217.21	19.29	12.263		
3,900.00	3,867.07	3,887.34	3,829.79	10.18	11.32	-48.37	-568.34	-340.73	242.69	222.89	19.80	12.256		
4,000.00	3,966.10	3,987.15	3,927.85	10.46	11.65	-48.33	-583.99	-350.81	248.89	228.56	20.33	12.245		
4,100.00	4,065.13	4,086.95	4,025.90	10.75	11.99	-48.29	-599.64	-360.90	255.08	234.22	20.86	12.228		
4,200.00	4,164.15	4,186.76	4,123.96	11.04	12.33	-48.26	-615.29	-370.98	261.28	239.88	21.40	12.208		
4,300.00	4,263.18	4,286.57	4,222.01	11.33	12.67	-48.22	-630.94	-381.06	267.47	245.52	21.95	12.185		
4,400.00	4,362.21	4,386.38	4,320.07	11.63	13.02	-48.19	-646.59	-391.15	273.67	251.16	22.51	12.159		
4,500.00	4,461.23	4,486.18	4,418.13	11.93	13.37	-48.15	-662.23	-401.23	279.87	256.80	23.07	12.131		
4,600.00	4,560.26	4,585.99	4,516.18	12.24	13.72	-48.12	-677.88	-411.32	286.06	262.42	23.64	12.101		
4,700.00	4,659.29	4,685.80	4,614.24	12.54	14.08	-48.09	-693.53	-421.40	292.26	268.05	24.21	12.070		
4,800.00	4,758.31	4,785.61	4,712.29	12.85	14.44	-48.06	-709.18	-431.49	298.46	273.66	24.79	12.038		
4,900.00	4,857.34	4,885.42	4,810.35	13.16	14.80	-48.04	-724.83	-441.57	304.65	279.28	25.38	12.005		
5,000.00	4,956.37	4,985.22	4,908.41	13.48	15.16	-48.01	-740.48	-451.66	310.85	284.88	25.96	11.972		
5,100.00	5,055.39	5,085.03	5,006.46	13.80	15.53	-47.99	-756.13	-461.74	317.05	290.49	26.56	11.938		
5,200.00	5,154.42	5,184.84	5,104.52	14.11	15.90	-47.96	-771.77	-471.83	323.24	296.09	27.15	11.904		
5,300.00	5,253.45	5,284.65	5,202.58	14.43	16.27	-47.94	-787.42	-481.91	329.44	301.69	27.75	11.870		
5,400.00	5,352.48	5,384.45	5,300.63	14.76	16.64	-47.92	-803.07	-492.00	335.64	307.28	28.36	11.836		
5,500.00	5,451.50	5,484.26	5,398.69	15.08	17.01	-47.89	-818.72	-502.08	341.83	312.87	28.96	11.802		
5,600.00	5,550.53	5,584.07	5,496.74	15.41	17.39	-47.87	-834.37	-512.17	348.03	318.46	29.57	11.768		
5,700.00	5,649.56	5,683.88	5,594.80	15.73	17.76	-47.85	-850.02	-522.25	354.23	324.04	30.19	11.735		
5,800.00	5,748.58	5,783.69	5,692.86	16.06	18.14	-47.83	-865.66	-532.34	360.42	329.62	30.80	11.702		
5,900.00	5,847.61	5,883.49	5,790.91	16.39	18.52	-47.82	-881.31	-542.42	366.62	335.20	31.42	11.669		
6,000.00	5,946.64	5,983.30	5,888.97	16.72	18.90	-47.80	-896.96	-552.51	372.82	340.78	32.04	11.637		
6,100.00	6,045.66	6,083.11	5,987.02	17.05	19.28	-47.78	-912.61	-562.59	379.02	346.36	32.66	11.605		
6,200.00	6,144.69	6,182.92	6,085.08	17.38	19.66	-47.76	-928.26	-572.67	385.21	351.93	33.28	11.574		
6,300.00	6,243.72	6,282.72	6,183.14	17.72	20.04	-47.75	-943.91	-582.76	391.41	357.50	33.91	11.543		
6,400.00	6,342.74	6,382.53	6,281.19	18.05	20.43	-47.73	-959.56	-592.84	397.61	363.07	34.54	11.513		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
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	6,441.77	6,482.34	6,379.25	18.39	20.81	-47.71	-975.20	-602.93	403.80	368.64	35.17	11.483	
6,600.00	6,540.80	6,582.15	6,477.31	18.72	21.20	-47.70	-990.85	-613.01	410.00	374.20	35.80	11.454	
6,700.00	6,639.57	6,681.90	6,575.31	19.07	21.58	-62.86	-1,006.49	-623.09	416.23	379.75	36.47	11.412	
6,800.00	6,735.67	6,783.28	6,674.33	19.49	21.98	-75.72	-1,022.30	-637.50	422.66	385.23	37.43	11.291	
6,900.00	6,826.60	6,887.30	6,772.41	20.02	22.45	-81.45	-1,038.00	-667.99	429.02	390.42	38.60	11.114	
7,000.00	6,910.10	6,993.47	6,866.10	20.68	23.03	-84.82	-1,053.03	-715.34	435.07	395.06	40.01	10.873	
7,100.00	6,984.13	7,101.71	6,952.27	21.49	23.75	-87.09	-1,066.89	-779.15	440.58	398.85	41.72	10.560	
7,200.00	7,046.86	7,211.89	7,027.73	22.50	24.63	-88.69	-1,079.08	-858.30	445.31	401.49	43.82	10.163	
7,300.00	7,096.75	7,323.74	7,089.40	23.74	25.73	-89.83	-1,089.10	-950.90	449.06	402.69	46.37	9.684	
7,400.00	7,132.56	7,436.91	7,134.56	25.23	27.09	-90.60	-1,096.51	-1,054.24	451.64	402.22	49.43	9.138	
7,500.00	7,153.42	7,550.94	7,161.08	26.97	28.76	-91.02	-1,100.96	-1,164.90	452.94	399.98	52.96	8.553	
7,600.00	7,158.96	7,663.16	7,167.93	28.88	30.65	-91.14	-1,102.28	-1,276.77	452.89	396.00	56.88	7.962	
7,700.00	7,158.66	7,763.16	7,167.52	30.95	32.53	-91.12	-1,102.42	-1,376.77	452.36	391.14	61.22	7.389	
7,800.00	7,158.37	7,863.16	7,167.10	33.16	34.57	-91.11	-1,102.56	-1,476.77	451.84	386.04	65.80	6.867	
7,900.00	7,158.07	7,963.16	7,166.68	35.49	36.75	-91.09	-1,102.70	-1,576.77	451.32	380.74	70.58	6.395	
8,000.00	7,157.78	8,063.16	7,166.27	37.91	39.05	-91.08	-1,102.84	-1,676.77	450.79	375.27	75.52	5.969	
8,100.00	7,157.48	8,163.16	7,165.85	40.41	41.44	-91.07	-1,102.98	-1,776.76	450.27	369.67	80.60	5.587	
8,200.00	7,157.19	8,263.16	7,165.43	42.97	43.91	-91.05	-1,103.12	-1,876.76	449.74	363.96	85.78	5.243	
8,300.00	7,156.89	8,363.15	7,165.01	45.58	46.44	-91.04	-1,103.25	-1,976.76	449.22	358.16	91.06	4.933	
8,400.00	7,156.60	8,463.15	7,164.60	48.24	49.02	-91.02	-1,103.39	-2,076.76	448.69	352.28	96.41	4.654	
8,500.00	7,156.30	8,563.15	7,164.18	50.92	51.65	-91.01	-1,103.53	-2,176.75	448.17	346.34	101.83	4.401	
8,600.00	7,156.01	8,663.15	7,163.76	53.64	54.32	-90.99	-1,103.67	-2,276.75	447.64	340.34	107.30	4.172	
8,700.00	7,155.71	8,763.15	7,163.35	56.38	57.01	-90.98	-1,103.81	-2,376.75	447.12	334.30	112.82	3.963	
8,800.00	7,155.42	8,863.15	7,162.93	59.15	59.74	-90.96	-1,103.95	-2,476.75	446.59	328.22	118.37	3.773	
8,900.00	7,155.12	8,963.15	7,162.51	61.93	62.49	-90.95	-1,104.09	-2,576.74	446.07	322.11	123.96	3.598	
9,000.00	7,154.83	9,063.14	7,162.10	64.73	65.25	-90.94	-1,104.23	-2,676.74	445.55	315.96	129.58	3.438	
9,100.00	7,154.53	9,163.14	7,161.68	67.55	68.04	-90.92	-1,104.36	-2,776.74	445.02	309.79	135.23	3.291	
9,200.00	7,154.24	9,263.14	7,161.26	70.37	70.84	-90.91	-1,104.50	-2,876.74	444.50	303.60	140.90	3.155	
9,300.00	7,153.94	9,363.14	7,160.84	73.21	73.65	-90.89	-1,104.64	-2,976.73	443.97	297.38	146.59	3.029	
9,400.00	7,153.65	9,463.14	7,160.43	76.06	76.47	-90.88	-1,104.78	-3,076.73	443.45	291.15	152.30	2.912	
9,500.00	7,153.35	9,563.14	7,160.01	78.91	79.31	-90.86	-1,104.92	-3,176.73	442.92	284.90	158.02	2.803	
9,600.00	7,153.06	9,663.14	7,159.59	81.77	82.15	-90.85	-1,105.06	-3,276.73	442.40	278.64	163.76	2.701	
9,700.00	7,152.76	9,763.13	7,159.18	84.64	85.01	-90.83	-1,105.20	-3,376.72	441.88	272.36	169.51	2.607	
9,800.00	7,152.47	9,863.13	7,158.76	87.52	87.87	-90.82	-1,105.34	-3,476.72	441.35	266.08	175.28	2.518	
9,900.00	7,152.17	9,963.13	7,158.34	90.40	90.74	-90.80	-1,105.47	-3,576.72	440.83	259.78	181.05	2.435	
10,000.00	7,151.88	10,063.13	7,157.93	93.29	93.61	-90.79	-1,105.61	-3,676.72	440.30	253.47	186.83	2.357	
10,100.00	7,151.58	10,163.13	7,157.51	96.18	96.49	-90.77	-1,105.75	-3,776.71	439.78	247.15	192.63	2.283	
10,200.00	7,151.29	10,263.13	7,157.09	99.08	99.37	-90.76	-1,105.89	-3,876.71	439.26	240.83	198.43	2.214	
10,300.00	7,150.99	10,363.13	7,156.67	101.98	102.26	-90.74	-1,106.03	-3,976.71	438.73	234.50	204.23	2.148	
10,400.00	7,150.70	10,463.12	7,156.26	104.88	105.15	-90.73	-1,106.17	-4,076.71	438.21	228.16	210.05	2.086	
10,500.00	7,150.40	10,563.12	7,155.84	107.78	108.05	-90.71	-1,106.31	-4,176.70	437.68	221.82	215.87	2.028	
10,600.00	7,150.11	10,663.12	7,155.42	110.69	110.95	-90.70	-1,106.45	-4,276.70	437.16	215.47	221.69	1.972	
10,700.00	7,149.81	10,763.12	7,155.01	113.61	113.86	-90.68	-1,106.58	-4,376.70	436.64	209.11	227.52	1.919	
10,800.00	7,149.52	10,863.12	7,154.59	116.52	116.76	-90.67	-1,106.72	-4,476.70	436.11	202.75	233.36	1.869	
10,900.00	7,149.22	10,963.12	7,154.17	119.44	119.67	-90.65	-1,106.86	-4,576.70	435.59	196.39	239.20	1.821	
11,000.00	7,148.93	11,063.12	7,153.75	122.35	122.58	-90.64	-1,107.00	-4,676.69	435.07	190.02	245.04	1.775	
11,100.00	7,148.63	11,163.11	7,153.34	125.28	125.50	-90.62	-1,107.14	-4,776.69	434.54	183.65	250.89	1.732	
11,200.00	7,148.34	11,263.11	7,152.92	128.20	128.42	-90.61	-1,107.28	-4,876.69	434.02	177.28	256.74	1.690	
11,300.00	7,148.04	11,363.11	7,152.50	131.12	131.34	-90.59	-1,107.42	-4,976.69	433.50	170.90	262.60	1.651	
11,400.00	7,147.75	11,463.11	7,152.09	134.05	134.26	-90.58	-1,107.55	-5,076.68	432.97	164.52	268.45	1.613	
11,500.00	7,147.45	11,563.11	7,151.67	136.98	137.18	-90.56	-1,107.69	-5,176.68	432.45	158.13	274.32	1.576	
11,600.00	7,147.16	11,663.11	7,151.25	139.91	140.10	-90.54	-1,107.83	-5,276.68	431.92	151.75	280.18	1.542	
11,700.00	7,146.86	11,763.11	7,150.84	142.84	143.03	-90.53	-1,107.97	-5,376.68	431.40	145.36	286.05	1.508	
11,800.00	7,146.57	11,863.10	7,150.42	145.77	145.96	-90.51	-1,108.11	-5,476.67	430.88	138.96	291.91	1.476 Level 3	
11,900.00	7,146.27	11,963.10	7,150.00	148.70	148.89	-90.50	-1,108.25	-5,576.67	430.35	132.57	297.78	1.445 Level 3	
12,000.00	7,145.98	12,063.10	7,149.58	151.63	151.82	-90.48	-1,108.39	-5,676.67	429.83	126.17	303.66	1.416 Level 3	
12,100.00	7,145.68	12,163.10	7,149.17	154.57	154.75	-90.47	-1,108.53	-5,776.67	429.31	119.77	309.53	1.387 Level 3	
12,200.00	7,145.39	12,263.10	7,148.75	157.51	157.68	-90.45	-1,108.66	-5,876.66	428.78	113.37	315.41	1.359 Level 3	
12,300.00	7,145.09	12,363.10	7,148.33	160.44	160.62	-90.43	-1,108.80	-5,976.66	428.26	106.97	321.29	1.333 Level 3	
12,400.00	7,144.80	12,463.10	7,147.92	163.38	163.55	-90.42	-1,108.94	-6,076.66	427.74	100.57	327.17	1.307 Level 3	
12,500.00	7,144.50	12,563.09	7,147.50	166.32	166.49	-90.40	-1,109.08	-6,176.66	427.21	94.16	333.05	1.283 Level 3	
12,600.00	7,144.21	12,663.09	7,147.08	169.26	169.43	-90.39	-1,109.22	-6,276.65	426.69	87.76	338.93	1.259 Level 3	
12,700.00	7,143.91	12,763.09	7,146.66	172.20	172.36	-90.37	-1,109.36	-6,376.65	426.17	81.35	344.82	1.236 Level 2	
12,800.00	7,143.62	12,863.09	7,146.25	175.14	175.30	-90.36	-1,109.50	-6,476.65	425.64	74.94	350.70	1.214 Level 2	
12,900.00	7,143.32	12,963.09	7,145.83	178.08	178.24	-90.34	-1,109.64	-6,576.65	425.12	68.53	356.59	1.192 Level 2	
13,000.00													



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
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	7,142.73	13,163.09	7,145.00	183.97	184.12	-90.31	-1,109.91	-6,776.64	424.08	55.70	368.37	1.151	Level 2
13,200.00	7,142.44	13,263.08	7,144.58	186.91	187.06	-90.29	-1,110.05	-6,876.64	423.55	49.29	374.26	1.132	Level 2
13,300.00	7,142.14	13,363.08	7,144.16	189.85	190.01	-90.27	-1,110.19	-6,976.64	423.03	42.88	380.15	1.113	Level 2
13,400.00	7,141.85	13,463.08	7,143.75	192.80	192.95	-90.26	-1,110.33	-7,076.64	422.51	36.46	386.05	1.094	Level 2
13,500.00	7,141.55	13,563.08	7,143.33	195.74	195.89	-90.24	-1,110.47	-7,176.63	421.98	30.04	391.94	1.077	Level 2
13,600.00	7,141.26	13,663.08	7,142.91	198.69	198.84	-90.23	-1,110.61	-7,276.63	421.46	23.63	397.84	1.059	Level 2
13,700.00	7,140.96	13,763.08	7,142.49	201.64	201.78	-90.21	-1,110.75	-7,376.63	420.94	17.21	403.73	1.043	Level 2
13,800.00	7,140.67	13,863.07	7,142.08	204.58	204.73	-90.19	-1,110.88	-7,476.63	420.41	10.79	409.63	1.026	Level 2
13,900.00	7,140.37	13,963.07	7,141.66	207.53	207.67	-90.18	-1,111.02	-7,576.62	419.89	4.37	415.53	1.011	Level 2
14,000.00	7,140.08	14,063.07	7,141.24	210.48	210.62	-90.16	-1,111.16	-7,676.62	419.37	-2.05	421.42	0.995	Level 1
14,100.00	7,139.78	14,163.07	7,140.83	213.42	213.57	-90.14	-1,111.30	-7,776.62	418.85	-8.48	427.32	0.980	Level 1
14,200.00	7,139.49	14,263.07	7,140.41	216.37	216.51	-90.13	-1,111.44	-7,876.62	418.32	-14.90	433.22	0.966	Level 1
14,300.00	7,139.19	14,363.07	7,139.99	219.32	219.46	-90.11	-1,111.58	-7,976.61	417.80	-21.32	439.12	0.951	Level 1
14,400.00	7,138.90	14,463.07	7,139.58	222.27	222.41	-90.09	-1,111.72	-8,076.61	417.28	-27.74	445.02	0.938	Level 1
14,500.00	7,138.60	14,563.06	7,139.16	225.22	225.36	-90.08	-1,111.86	-8,176.61	416.76	-34.17	450.92	0.924	Level 1
14,600.00	7,138.31	14,663.06	7,138.74	228.17	228.31	-90.06	-1,111.99	-8,276.61	416.23	-40.59	456.83	0.911	Level 1
14,700.00	7,138.01	14,763.06	7,138.32	231.12	231.26	-90.04	-1,112.13	-8,376.60	415.71	-47.02	462.73	0.898	Level 1
14,800.00	7,137.71	14,863.06	7,137.91	234.07	234.21	-90.03	-1,112.27	-8,476.60	415.19	-53.44	468.63	0.886	Level 1
14,900.00	7,137.42	14,963.06	7,137.49	237.02	237.16	-90.01	-1,112.41	-8,576.60	414.67	-59.87	474.54	0.874	Level 1
15,000.00	7,137.12	15,063.06	7,137.07	239.97	240.11	-89.99	-1,112.55	-8,676.60	414.14	-66.30	480.44	0.862	Level 1
15,100.00	7,136.83	15,163.06	7,136.66	242.92	243.06	-89.98	-1,112.69	-8,776.59	413.62	-72.72	486.34	0.850	Level 1
15,200.00	7,136.53	15,263.05	7,136.24	245.87	246.01	-89.96	-1,112.83	-8,876.59	413.10	-79.15	492.25	0.839	Level 1
15,300.00	7,136.24	15,363.05	7,135.82	248.82	248.96	-89.94	-1,112.97	-8,976.59	412.58	-85.58	498.15	0.828	Level 1
15,400.00	7,135.94	15,463.05	7,135.40	251.77	251.91	-89.93	-1,113.10	-9,076.59	412.05	-92.01	504.06	0.817	Level 1
15,500.00	7,135.65	15,563.05	7,134.99	254.73	254.86	-89.91	-1,113.24	-9,176.58	411.53	-98.43	509.97	0.807	Level 1
15,600.00	7,135.35	15,663.05	7,134.57	257.68	257.81	-89.89	-1,113.38	-9,276.58	411.01	-104.86	515.87	0.797	Level 1
15,700.00	7,135.06	15,763.05	7,134.15	260.63	260.77	-89.87	-1,113.52	-9,376.58	410.49	-111.29	521.78	0.787	Level 1
15,800.00	7,134.76	15,863.05	7,133.74	263.58	263.72	-89.86	-1,113.66	-9,476.58	409.97	-117.72	527.69	0.777	Level 1
15,900.00	7,134.47	15,963.04	7,133.32	266.53	266.67	-89.84	-1,113.80	-9,576.58	409.44	-124.15	533.59	0.767	Level 1
16,000.00	7,134.17	16,063.04	7,132.90	269.49	269.62	-89.82	-1,113.94	-9,676.57	408.92	-130.58	539.50	0.758	Level 1
16,100.00	7,133.88	16,163.04	7,132.49	272.44	272.58	-89.81	-1,114.08	-9,776.57	408.40	-137.01	545.41	0.749	Level 1
16,200.00	7,133.58	16,263.04	7,132.07	275.39	275.53	-89.79	-1,114.21	-9,876.57	407.88	-143.44	551.32	0.740	Level 1
16,300.00	7,133.29	16,363.04	7,131.65	278.35	278.48	-89.77	-1,114.35	-9,976.57	407.36	-149.87	557.23	0.731	Level 1
16,400.00	7,132.99	16,463.04	7,131.23	281.30	281.44	-89.75	-1,114.49	-10,076.56	406.83	-156.30	563.14	0.722	Level 1
16,500.00	7,132.70	16,563.04	7,130.82	284.25	284.39	-89.74	-1,114.63	-10,176.56	406.31	-162.73	569.05	0.714	Level 1
16,600.00	7,132.40	16,663.03	7,130.40	287.21	287.35	-89.72	-1,114.77	-10,276.56	405.79	-169.16	574.96	0.706	Level 1
16,700.00	7,132.11	16,763.03	7,129.98	290.16	290.30	-89.70	-1,114.91	-10,376.56	405.27	-175.60	580.87	0.698	Level 1
16,800.00	7,131.81	16,863.03	7,129.57	293.12	293.25	-89.68	-1,115.05	-10,476.55	404.75	-182.03	586.78	0.690	Level 1
16,900.00	7,131.52	16,963.03	7,129.15	296.07	296.21	-89.66	-1,115.19	-10,576.55	404.23	-188.46	592.69	0.682	Level 1
17,000.00	7,131.22	17,063.03	7,128.73	299.02	299.16	-89.65	-1,115.32	-10,676.55	403.70	-194.89	598.60	0.674	Level 1
17,100.00	7,130.93	17,163.03	7,128.32	301.98	302.12	-89.63	-1,115.46	-10,776.55	403.18	-201.32	604.51	0.667	Level 1
17,200.00	7,130.63	17,263.03	7,127.90	304.93	305.07	-89.61	-1,115.60	-10,876.54	402.66	-207.76	610.42	0.660	Level 1
17,300.00	7,130.34	17,363.02	7,127.48	307.89	308.03	-89.59	-1,115.74	-10,976.54	402.14	-214.19	616.33	0.652	Level 1
17,400.00	7,130.04	17,463.02	7,127.06	310.84	310.98	-89.58	-1,115.88	-11,076.54	401.62	-220.62	622.24	0.645	Level 1
17,414.80	7,130.00	17,477.82	7,127.00	311.28	311.42	-89.57	-1,115.90	-11,091.33	401.54	-221.57	623.11	0.644	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-12-M - 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
6,700.00	6,639.57	8,388.34	7,260.52	19.07	39.46	-69.37	-1,543.28	-645.85	1,136.45	1,085.66	50.79	22.373	
6,800.00	6,735.67	8,411.34	7,259.88	19.49	40.07	-86.21	-1,543.47	-668.84	1,078.07	1,024.98	53.10	20.305	
6,900.00	6,826.60	8,449.26	7,258.82	20.02	41.08	-93.82	-1,543.78	-706.74	1,028.09	972.26	55.83	18.414	
7,000.00	6,910.10	8,501.17	7,257.38	20.68	42.46	-97.44	-1,544.20	-758.63	987.44	928.47	58.96	16.747	
7,100.00	6,984.13	8,565.80	7,255.58	21.49	44.20	-98.77	-1,544.73	-823.23	956.21	893.73	62.48	15.305	
7,200.00	7,046.86	8,641.54	7,253.47	22.50	46.26	-98.71	-1,545.34	-898.94	933.69	867.34	66.35	14.073	
7,300.00	7,096.75	8,726.54	7,251.10	23.74	48.58	-97.91	-1,546.03	-983.91	918.60	848.05	70.56	13.019	
7,400.00	7,132.56	8,818.71	7,248.53	25.23	51.13	-96.90	-1,546.78	-1,076.03	909.41	834.33	75.07	12.114	
7,500.00	7,153.42	8,915.76	7,245.83	26.97	53.82	-96.08	-1,547.57	-1,173.05	904.68	824.86	79.82	11.334	
7,600.00	7,158.96	9,015.32	7,243.06	28.88	56.61	-95.72	-1,548.38	-1,272.57	903.41	818.72	84.70	10.666	
7,700.00	7,158.66	9,115.29	7,240.27	30.95	59.42	-95.57	-1,549.19	-1,372.49	903.32	813.63	89.69	10.072	
7,800.00	7,158.37	9,215.26	7,237.49	33.16	62.24	-95.41	-1,550.01	-1,472.42	903.23	808.41	94.82	9.526	
7,900.00	7,158.07	9,315.23	7,234.70	35.49	65.08	-95.25	-1,550.82	-1,572.35	903.15	803.09	100.06	9.026	
8,000.00	7,157.78	9,415.20	7,231.92	37.91	67.93	-95.09	-1,551.63	-1,672.27	903.08	797.68	105.40	8.568	
8,100.00	7,157.48	9,515.17	7,229.13	40.41	70.79	-94.93	-1,552.44	-1,772.20	903.01	792.20	110.82	8.149	
8,200.00	7,157.19	9,615.14	7,226.35	42.97	73.65	-94.77	-1,553.26	-1,872.13	902.96	786.66	116.29	7.764	
8,300.00	7,156.89	9,715.11	7,223.56	45.58	76.52	-94.62	-1,554.07	-1,972.05	902.90	781.08	121.82	7.412	
8,400.00	7,156.60	9,815.07	7,220.78	48.24	79.40	-94.46	-1,554.88	-2,071.98	902.86	775.46	127.40	7.087	
8,500.00	7,156.30	9,915.04	7,217.99	50.92	82.28	-94.30	-1,555.69	-2,171.91	902.82	769.81	133.01	6.788	
8,600.00	7,156.01	10,015.01	7,215.21	53.64	85.17	-94.14	-1,556.51	-2,271.83	902.79	764.13	138.66	6.511	
8,700.00	7,155.71	10,114.98	7,212.42	56.38	88.07	-93.98	-1,557.32	-2,371.76	902.76	758.43	144.33	6.255	
8,800.00	7,155.42	10,214.95	7,209.64	59.15	90.97	-93.82	-1,558.13	-2,471.69	902.74	752.71	150.03	6.017	
8,900.00	7,155.12	10,314.92	7,206.85	61.93	93.87	-93.67	-1,558.95	-2,571.61	902.73	746.98	155.75	5.796	
9,000.00	7,154.83	10,414.89	7,204.07	64.73	96.77	-93.51	-1,559.76	-2,671.54	902.73	741.24	161.49	5.590	
9,008.12	7,154.80	10,423.00	7,203.84	64.96	97.01	-93.50	-1,559.82	-2,679.65	902.73	740.78	161.95	5.574 CC	
9,100.00	7,154.53	10,514.86	7,201.28	67.55	99.68	-93.35	-1,560.57	-2,771.47	902.73	735.49	167.24	5.398	
9,200.00	7,154.24	10,614.83	7,198.50	70.37	102.59	-93.19	-1,561.38	-2,871.39	902.74	729.73	173.01	5.218	
9,300.00	7,153.94	10,714.79	7,195.71	73.21	105.51	-93.03	-1,562.20	-2,971.32	902.76	723.97	178.79	5.049	
9,400.00	7,153.65	10,814.76	7,192.93	76.06	108.42	-92.88	-1,563.01	-3,071.25	902.78	718.20	184.59	4.891	
9,500.00	7,153.35	10,914.73	7,190.14	78.91	111.34	-92.72	-1,563.82	-3,171.17	902.81	712.42	190.39	4.742	
9,600.00	7,153.06	11,014.70	7,187.36	81.77	114.26	-92.56	-1,564.63	-3,271.10	902.85	706.65	196.20	4.602	
9,700.00	7,152.76	11,114.67	7,184.58	84.64	117.18	-92.40	-1,565.45	-3,371.03	902.89	700.87	202.02	4.469	
9,800.00	7,152.47	11,214.64	7,181.79	87.52	120.11	-92.24	-1,566.26	-3,470.95	902.95	695.09	207.85	4.344	
9,900.00	7,152.17	11,314.61	7,179.01	90.40	123.03	-92.08	-1,567.07	-3,570.88	903.00	689.32	213.69	4.226	
10,000.00	7,151.88	11,414.58	7,176.22	93.29	125.96	-91.93	-1,567.89	-3,670.81	903.07	683.54	219.53	4.114	
10,100.00	7,151.58	11,514.54	7,173.44	96.18	128.89	-91.77	-1,568.70	-3,770.73	903.14	677.77	225.37	4.007	
10,200.00	7,151.29	11,614.51	7,170.65	99.08	131.82	-91.61	-1,569.51	-3,870.66	903.22	672.00	231.22	3.906	
10,300.00	7,150.99	11,714.48	7,167.87	101.98	134.75	-91.45	-1,570.32	-3,970.59	903.31	666.23	237.07	3.810	
10,400.00	7,150.70	11,814.45	7,165.08	104.88	137.68	-91.29	-1,571.14	-4,070.51	903.40	660.47	242.93	3.719	
10,500.00	7,150.40	11,914.42	7,162.30	107.78	140.62	-91.13	-1,571.95	-4,170.44	903.50	654.71	248.79	3.632	
10,600.00	7,150.11	12,014.39	7,159.51	110.69	143.55	-90.98	-1,572.76	-4,270.37	903.60	648.95	254.65	3.548	
10,700.00	7,149.81	12,114.36	7,156.73	113.61	146.49	-90.82	-1,573.58	-4,370.29	903.72	643.20	260.52	3.469	
10,800.00	7,149.52	12,214.33	7,153.94	116.52	149.42	-90.66	-1,574.39	-4,470.22	903.84	637.45	266.38	3.393	
10,900.00	7,149.22	12,314.30	7,151.16	119.44	152.36	-90.50	-1,575.20	-4,570.15	903.96	631.71	272.25	3.320	
11,000.00	7,148.93	12,414.26	7,148.37	122.35	155.30	-90.34	-1,576.01	-4,670.08	904.10	625.98	278.12	3.251	
11,100.00	7,148.63	12,514.23	7,145.59	125.28	158.24	-90.19	-1,576.83	-4,770.00	904.24	620.25	283.99	3.184	
11,200.00	7,148.34	12,614.20	7,142.80	128.20	161.18	-90.03	-1,577.64	-4,869.93	904.39	614.53	289.86	3.120	
11,300.00	7,148.04	12,714.17	7,140.02	131.12	164.12	-89.87	-1,578.45	-4,969.86	904.54	608.81	295.73	3.059	
11,400.00	7,147.75	12,814.14	7,137.23	134.05	167.06	-89.71	-1,579.26	-5,069.78	904.70	603.10	301.60	3.000	
11,500.00	7,147.45	12,914.11	7,134.45	136.98	170.00	-89.56	-1,580.08	-5,169.71	904.87	597.40	307.47	2.943	
11,600.00	7,147.16	13,014.08	7,131.66	139.91	172.94	-89.40	-1,580.89	-5,269.64	905.04	591.71	313.34	2.888	
11,700.00	7,146.86	13,114.05	7,128.88	142.84	175.88	-89.24	-1,581.70	-5,369.56	905.23	586.02	319.21	2.836	
11,800.00	7,146.57	13,214.02	7,126.09	145.77	178.83	-89.08	-1,582.52	-5,469.49	905.41	580.34	325.07	2.785	
11,900.00	7,146.27	13,313.98	7,123.31	148.70	181.77	-88.93	-1,583.33	-5,569.42	905.61	574.67	330.94	2.736	
12,000.00	7,145.98	13,413.95	7,120.53	151.63	184.72	-88.77	-1,584.14	-5,669.34	905.81	569.01	336.80	2.689	
12,100.00	7,145.68	13,513.92	7,117.74	154.57	187.66	-88.61	-1,584.95	-5,769.27	906.02	563.35	342.67	2.644	
12,104.09	7,145.67	13,518.02	7,117.63	154.69	187.78	-88.61	-1,584.99	-5,773.36	906.03	563.12	342.91	2.642	
12,200.00	7,145.39	13,576.39	7,116.00	157.51	189.50	-88.51	-1,585.46	-5,831.71	907.01	559.65	347.36	2.611 ES, SF	
12,300.00	7,145.09	13,576.39	7,116.00	160.44	189.50	-88.51	-1,585.46	-5,831.71	916.82	569.56	347.27	2.640	
12,400.00	7,144.80	13,576.39	7,116.00	163.38	189.50	-88.51	-1,585.46	-5,831.71	937.26	593.95	343.31	2.730	
12,500.00	7,144.50	13,576.39	7,116.00	166.32	189.50	-88.51	-1,585.46	-5,831.71	967.65	631.57	336.09	2.879	
12,600.00	7,144.21	13,576.39	7,116.00	169.26	189.50	-88.51	-1,585.46	-5,831.71	1,007.10	680.70	326.40	3.085	
12,700.00	7,143.91	13,576.39	7,116.00	172.20	189.50	-88.51	-1,585.46	-5,831.71	1,054.58	739.50	315.09	3.347	
12,800.00	7,143.62	13,576.39	7,116.00	175.14	189.50	-88.51	-1,585.46	-5,831.71	1,109.07	806.20	302.87	3.662	
12,900.00	7,143.32	13,576.39	7,116.1										

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	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	-179.20	-20.04	-0.28	20.04				
100.00	100.00	100.00	100.00	3.28	3.28	-179.20	-20.04	-0.28	20.04	12.52	7.53	2.663	
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-20.04	-0.28	20.04	12.47	7.57	2.648	
283.82	283.81	283.64	283.64	3.34	3.34	-46.92	-20.19	-0.40	19.77	12.14	7.63	2.590	CC
300.00	300.00	299.73	299.73	3.34	3.34	-46.12	-20.37	-0.55	20.08	12.43	7.65	2.625	
400.00	399.93	399.19	399.12	3.40	3.40	-47.04	-23.03	-2.76	20.36	12.60	7.75	2.625	
500.00	499.68	498.64	498.33	3.48	3.48	-48.81	-28.34	-7.17	20.93	13.03	7.90	2.649	
600.00	599.13	598.09	597.23	3.59	3.58	-51.27	-36.29	-13.77	21.83	13.73	8.10	2.695	
700.00	698.21	697.53	695.71	3.73	3.72	-53.39	-46.88	-22.56	23.34	14.99	8.35	2.795	
800.00	797.24	802.60	794.28	3.90	3.91	-52.38	-59.22	-32.81	26.16	17.49	8.67	3.017	
900.00	896.27	902.65	892.93	4.09	4.11	-51.50	-71.61	-43.10	29.02	19.99	9.03	3.214	
1,000.00	995.30	1,002.69	991.59	4.31	4.34	-50.79	-84.00	-53.38	31.88	22.46	9.42	3.383	
1,100.00	1,094.32	1,102.73	1,090.24	4.54	4.59	-50.19	-96.39	-63.67	34.75	24.90	9.85	3.528	
1,200.00	1,193.35	1,202.77	1,188.89	4.79	4.86	-49.68	-108.78	-73.95	37.62	27.32	10.31	3.651	
1,300.00	1,292.38	1,302.81	1,287.54	5.05	5.14	-49.24	-121.17	-84.24	40.50	29.71	10.78	3.756	
1,400.00	1,391.40	1,402.85	1,386.20	5.32	5.43	-48.86	-133.56	-94.52	43.37	32.09	11.28	3.845	
1,500.00	1,490.43	1,502.90	1,484.85	5.60	5.73	-48.53	-145.95	-104.81	46.25	34.46	11.80	3.921	
1,600.00	1,589.46	1,602.94	1,583.50	5.89	6.04	-48.24	-158.34	-115.09	49.13	36.80	12.33	3.986	
1,700.00	1,688.48	1,702.98	1,682.16	6.19	6.36	-47.98	-170.72	-125.38	52.01	39.15	12.87	4.042	
1,800.00	1,787.51	1,803.02	1,780.81	6.35	6.53	-47.75	-183.11	-135.66	54.89	42.12	12.77	4.299	
1,900.00	1,886.54	1,903.06	1,879.46	6.39	6.57	-47.54	-195.50	-145.95	57.78	44.96	12.82	4.507	
2,000.00	1,985.56	2,003.11	1,978.11	6.44	6.64	-47.35	-207.89	-156.23	60.66	47.75	12.91	4.700	
2,100.00	2,084.59	2,103.15	2,076.77	6.52	6.72	-47.18	-220.28	-166.52	63.54	50.51	13.03	4.877	
2,200.00	2,183.62	2,203.19	2,175.42	6.61	6.83	-47.02	-232.67	-176.81	66.43	53.24	13.18	5.039	
2,300.00	2,282.64	2,303.23	2,274.07	6.72	6.95	-46.88	-245.06	-187.09	69.31	55.94	13.37	5.183	
2,400.00	2,381.67	2,403.27	2,372.73	6.85	7.09	-46.74	-257.45	-197.38	72.20	58.60	13.59	5.312	
2,500.00	2,480.70	2,503.31	2,471.38	6.99	7.25	-46.62	-269.84	-207.66	75.08	61.24	13.84	5.425	
2,600.00	2,579.72	2,603.36	2,570.03	7.15	7.43	-46.51	-282.22	-217.95	77.97	63.85	14.12	5.523	
2,700.00	2,678.75	2,703.40	2,668.68	7.33	7.62	-46.40	-294.61	-228.23	80.85	66.43	14.42	5.607	
2,800.00	2,777.78	2,803.44	2,767.34	7.51	7.83	-46.30	-307.00	-238.52	83.74	68.99	14.75	5.678	
2,900.00	2,876.80	2,903.48	2,868.99	7.71	8.04	-46.21	-319.39	-248.80	86.62	71.53	15.10	5.738	
3,000.00	2,975.83	3,003.52	2,964.64	7.92	8.27	-46.13	-331.78	-259.09	89.51	74.04	15.47	5.786	
3,100.00	3,074.86	3,103.56	3,063.30	8.14	8.51	-46.05	-344.17	-269.37	92.40	76.54	15.86	5.826	
3,200.00	3,173.89	3,203.61	3,161.95	8.37	8.76	-45.97	-356.56	-279.66	95.28	79.02	16.27	5.857	
3,300.00	3,272.91	3,303.65	3,260.60	8.60	9.02	-45.90	-368.95	-289.95	98.17	81.48	16.69	5.880	
3,400.00	3,371.94	3,403.69	3,359.25	8.85	9.29	-45.83	-381.33	-300.23	101.06	83.92	17.14	5.897	
3,500.00	3,470.97	3,503.73	3,457.91	9.10	9.56	-45.77	-393.72	-310.52	103.95	86.36	17.59	5.909	
3,600.00	3,569.99	3,603.77	3,556.56	9.36	9.85	-45.71	-406.11	-320.80	106.83	88.77	18.06	5.916	
3,700.00	3,669.02	3,703.82	3,655.21	9.63	10.13	-45.65	-418.50	-331.09	109.72	91.18	18.54	5.918	
3,800.00	3,768.05	3,803.86	3,753.86	9.90	10.43	-45.60	-430.89	-341.37	112.61	93.58	19.03	5.917	
3,900.00	3,867.07	3,903.90	3,852.52	10.18	10.73	-45.55	-443.28	-351.66	115.50	95.96	19.53	5.913	
4,000.00	3,966.10	4,003.94	3,951.17	10.46	11.03	-45.50	-455.67	-361.94	118.38	98.34	20.04	5.906	
4,100.00	4,065.13	4,103.98	4,049.82	10.75	11.34	-45.45	-468.06	-372.23	121.27	100.71	20.56	5.897	
4,200.00	4,164.15	4,204.02	4,148.48	11.04	11.66	-45.41	-480.45	-382.51	124.16	103.07	21.09	5.887	
4,300.00	4,263.18	4,304.07	4,247.13	11.33	11.97	-45.37	-492.83	-392.80	127.05	105.42	21.63	5.874	
4,400.00	4,362.21	4,404.11	4,345.78	11.63	12.29	-45.33	-505.22	-403.09	129.94	107.77	22.17	5.861	
4,500.00	4,461.23	4,495.85	4,444.43	11.93	12.59	-45.29	-517.61	-413.37	132.83	110.13	22.69	5.853	
4,600.00	4,560.26	4,604.19	4,543.09	12.24	12.95	-45.25	-530.00	-423.66	135.71	112.44	23.27	5.832	
4,700.00	4,659.29	4,704.23	4,641.74	12.54	13.28	-45.21	-542.39	-433.94	138.60	114.77	23.83	5.816	
4,800.00	4,758.31	4,804.27	4,740.39	12.85	13.61	-45.18	-554.78	-444.23	141.49	117.09	24.40	5.800	
4,900.00	4,857.34	4,904.32	4,839.05	13.16	13.94	-45.15	-567.17	-454.51	144.38	119.41	24.97	5.783	
5,000.00	4,956.37	5,004.36	4,937.70	13.48	14.28	-45.12	-579.56	-464.80	147.27	121.73	25.54	5.766	
5,100.00	5,055.39	5,104.40	5,036.35	13.80	14.62	-45.09	-591.95	-475.08	150.16	124.04	26.12	5.749	
5,200.00	5,154.42	5,204.44	5,135.00	14.11	14.96	-45.06	-604.33	-485.37	153.04	126.34	26.70	5.732	
5,300.00	5,253.45	5,304.48	5,233.66	14.43	15.31	-45.03	-616.72	-495.65	155.93	128.65	27.29	5.715	
5,400.00	5,352.48	5,404.53	5,332.31	14.76	15.65	-45.00	-629.11	-505.94	158.82	130.95	27.87	5.698	
5,500.00	5,451.50	5,495.43	5,430.96	15.08	15.97	-44.98	-641.50	-516.22	161.71	133.27	28.44	5.686	
5,600.00	5,550.53	5,604.61	5,529.62	15.41	16.35	-44.95	-653.89	-526.51	164.60	135.54	29.06	5.664	
5,700.00	5,649.56	5,704.65	5,628.27	15.73	16.70	-44.93	-666.28	-536.80	167.49	137.83	29.66	5.647	
5,800.00	5,748.58	5,804.69	5,726.92	16.06	17.05	-44.91	-678.67	-547.08	170.38	140.12	30.26	5.630	
5,900.00	5,847.61	5,904.73	5,825.57	16.39	17.40	-44.88	-691.06	-557.37	173.26	142.40	30.86	5.614	
6,000.00	5,946.64	6,004.78	5,924.23	16.72	17.75	-44.86	-703.45	-567.65	176.15	144.69	31.47	5.598	
6,100.00	6,045.66	6,104.82	6,022.88	17.05	18.11	-44.84	-715.83	-577.94	179.04	146.97	32.07	5.582	
6,200.00	6,144.69	6,204.86	6,121.53	17.38	18.46	-44.82	-728.22	-588.22	181.93	149.25	32.68	5.566	
6,300.00	6,243.72	6,304.90	6,220.19	17.72	18.82	-44.80	-740.61	-598.51	184.82	151.52	33.29	5.551	
6,400.00	6,342.74	6,404.94	6,318.84	18.05	19.18	-44.78	-753.00	-608.79	187.71	153.80	33.91	5.536	

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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,441.77	6,504.98	6,417.49	18.39	19.53	-44.76	-765.39	-619.08	190.60	156.08	34.52	5.521	
6,600.00	6,540.80	6,594.59	6,515.65	18.72	19.86	-44.47	-777.72	-630.25	193.52	158.44	35.08	5.517	
6,700.00	6,639.57	6,691.99	6,609.56	19.07	20.26	-56.33	-789.58	-652.79	197.14	161.77	35.37	5.574	
6,800.00	6,735.67	6,787.41	6,697.20	19.49	20.74	-64.46	-800.73	-688.61	201.47	165.68	35.79	5.629	
6,900.00	6,826.60	6,881.21	6,777.23	20.02	21.32	-65.81	-811.00	-736.29	206.16	169.72	36.44	5.657	
7,000.00	6,910.10	6,973.59	6,848.40	20.68	22.00	-65.31	-820.21	-794.33	210.93	173.55	37.37	5.644	
7,100.00	6,984.13	7,064.76	6,909.74	21.49	22.80	-64.27	-828.24	-861.19	215.48	176.82	38.66	5.574	
7,200.00	7,046.86	7,154.93	6,960.48	22.50	23.76	-63.15	-834.98	-935.34	219.55	179.16	40.39	5.435	
7,300.00	7,096.75	7,244.31	7,000.02	23.74	24.89	-62.17	-840.35	-1,015.23	222.92	180.26	42.66	5.225	
7,400.00	7,132.56	7,333.09	7,027.92	25.23	26.21	-61.42	-844.30	-1,099.35	225.40	179.91	45.49	4.955	
7,500.00	7,153.42	7,421.48	7,043.91	26.97	27.70	-60.94	-846.76	-1,186.17	226.87	178.02	48.84	4.645	
7,600.00	7,158.96	7,511.37	7,047.93	28.88	29.37	-60.75	-847.75	-1,275.90	227.24	174.65	52.59	4.321	
7,700.00	7,158.66	7,611.37	7,047.48	30.95	31.37	-60.70	-848.23	-1,375.90	227.17	170.77	56.39	4.028	
7,800.00	7,158.37	7,711.37	7,047.02	33.16	33.53	-60.64	-848.72	-1,475.90	227.09	166.69	60.40	3.760	
7,900.00	7,158.07	7,811.37	7,046.56	35.49	35.82	-60.58	-849.20	-1,575.89	227.02	162.43	64.58	3.515	
8,000.00	7,157.78	7,911.37	7,046.10	37.91	38.20	-60.52	-849.68	-1,675.89	226.94	158.04	68.90	3.294	
8,100.00	7,157.48	8,011.37	7,045.64	40.41	40.67	-60.46	-850.17	-1,775.89	226.86	153.54	73.33	3.094	
8,200.00	7,157.19	8,111.37	7,045.19	42.97	43.20	-60.41	-850.65	-1,875.89	226.79	148.95	77.84	2.913	
8,300.00	7,156.89	8,211.37	7,044.73	45.58	45.79	-60.35	-851.13	-1,975.88	226.71	144.28	82.44	2.750	
8,400.00	7,156.60	8,311.37	7,044.27	48.24	48.43	-60.29	-851.61	-2,075.88	226.64	139.55	87.09	2.602	
8,500.00	7,156.30	8,411.37	7,043.81	50.92	51.10	-60.23	-852.10	-2,175.88	226.57	134.77	91.80	2.468	
8,600.00	7,156.01	8,511.37	7,043.36	53.64	53.80	-60.17	-852.58	-2,275.88	226.49	129.94	96.55	2.346	
8,700.00	7,155.71	8,611.37	7,042.90	56.38	56.53	-60.12	-853.06	-2,375.87	226.42	125.09	101.33	2.234	
8,800.00	7,155.42	8,711.37	7,042.44	59.15	59.29	-60.06	-853.54	-2,475.87	226.35	120.20	106.15	2.132	
8,900.00	7,155.12	8,811.37	7,041.98	61.93	62.06	-60.00	-854.03	-2,575.87	226.27	115.28	110.99	2.039	
9,000.00	7,154.83	8,911.37	7,041.52	64.73	64.85	-59.94	-854.51	-2,675.87	226.20	110.34	115.85	1.952	
9,100.00	7,154.53	9,011.37	7,041.07	67.55	67.66	-59.88	-854.99	-2,775.86	226.13	105.39	120.74	1.873	
9,200.00	7,154.24	9,111.36	7,040.61	70.37	70.48	-59.82	-855.48	-2,875.86	226.05	100.42	125.63	1.799	
9,300.00	7,153.94	9,211.36	7,040.15	73.21	73.31	-59.77	-855.96	-2,975.86	225.98	95.44	130.54	1.731	
9,400.00	7,153.65	9,311.36	7,039.69	76.06	76.15	-59.71	-856.44	-3,075.86	225.91	90.45	135.46	1.668	
9,500.00	7,153.35	9,411.36	7,039.24	78.91	79.00	-59.65	-856.92	-3,175.85	225.84	85.44	140.39	1.609	
9,600.00	7,153.06	9,511.36	7,038.78	81.77	81.86	-59.59	-857.41	-3,275.85	225.77	80.43	145.33	1.553	
9,700.00	7,152.76	9,611.36	7,038.32	84.64	84.72	-59.53	-857.89	-3,375.85	225.69	75.42	150.27	1.502	
9,800.00	7,152.47	9,711.36	7,037.86	87.52	87.60	-59.47	-858.37	-3,475.85	225.62	70.40	155.22	1.454 Level 3	
9,900.00	7,152.17	9,811.36	7,037.41	90.40	90.47	-59.41	-858.85	-3,575.84	225.55	65.38	160.18	1.408 Level 3	
10,000.00	7,151.88	9,911.36	7,036.95	93.29	93.36	-59.36	-859.34	-3,675.84	225.48	60.35	165.13	1.365 Level 3	
10,100.00	7,151.58	10,011.36	7,036.49	96.18	96.25	-59.30	-859.82	-3,775.84	225.41	55.32	170.09	1.325 Level 3	
10,200.00	7,151.29	10,111.36	7,036.03	99.08	99.14	-59.24	-860.30	-3,875.84	225.34	50.29	175.05	1.287 Level 3	
10,300.00	7,150.99	10,211.36	7,035.57	101.98	102.04	-59.18	-860.78	-3,975.83	225.27	45.26	180.01	1.251 Level 3	
10,400.00	7,150.70	10,311.36	7,035.12	104.88	104.94	-59.12	-861.27	-4,075.83	225.20	40.23	184.97	1.217 Level 2	
10,500.00	7,150.40	10,411.36	7,034.66	107.78	107.84	-59.06	-861.75	-4,175.83	225.13	35.20	189.93	1.185 Level 2	
10,600.00	7,150.11	10,511.36	7,034.20	110.69	110.75	-59.00	-862.23	-4,275.83	225.06	30.17	194.89	1.155 Level 2	
10,700.00	7,149.81	10,611.36	7,033.74	113.61	113.66	-58.94	-862.72	-4,375.82	224.99	25.14	199.85	1.126 Level 2	
10,800.00	7,149.52	10,711.36	7,033.29	116.52	116.57	-58.88	-863.20	-4,475.82	224.92	20.11	204.81	1.098 Level 2	
10,900.00	7,149.22	10,811.36	7,032.83	119.44	119.49	-58.83	-863.68	-4,575.82	224.86	15.09	209.77	1.072 Level 2	
11,000.00	7,148.93	10,911.36	7,032.37	122.35	122.40	-58.77	-864.16	-4,675.82	224.79	10.07	214.72	1.047 Level 2	
11,100.00	7,148.63	11,011.36	7,031.91	125.28	125.32	-58.71	-864.65	-4,775.81	224.72	5.05	219.67	1.023 Level 2	
11,200.00	7,148.34	11,111.36	7,031.45	128.20	128.24	-58.65	-865.13	-4,875.81	224.65	0.03	224.62	1.000 Level 2	
11,300.00	7,148.04	11,211.36	7,031.00	131.12	131.17	-58.59	-865.61	-4,975.81	224.58	-4.98	229.57	0.978 Level 1	
11,400.00	7,147.75	11,311.36	7,030.54	134.05	134.09	-58.53	-866.09	-5,075.81	224.52	-10.00	234.51	0.957 Level 1	
11,500.00	7,147.45	11,411.36	7,030.08	136.98	137.02	-58.47	-866.58	-5,175.80	224.45	-15.00	239.45	0.937 Level 1	
11,600.00	7,147.16	11,511.36	7,029.62	139.91	139.95	-58.41	-867.06	-5,275.80	224.38	-20.01	244.39	0.918 Level 1	
11,700.00	7,146.86	11,611.36	7,029.17	142.84	142.88	-58.35	-867.54	-5,375.80	224.32	-25.01	249.32	0.900 Level 1	
11,800.00	7,146.57	11,711.36	7,028.71	145.77	145.81	-58.29	-868.03	-5,475.80	224.25	-30.00	254.25	0.882 Level 1	
11,900.00	7,146.27	11,811.36	7,028.25	148.70	148.74	-58.23	-868.51	-5,575.79	224.18	-34.99	259.18	0.865 Level 1	
12,000.00	7,145.98	11,911.36	7,027.79	151.63	151.67	-58.17	-868.99	-5,675.79	224.12	-39.98	264.10	0.849 Level 1	
12,100.00	7,145.68	12,011.36	7,027.33	154.57	154.61	-58.12	-869.47	-5,775.79	224.05	-44.96	269.01	0.833 Level 1	
12,200.00	7,145.39	12,111.36	7,026.88	157.51	157.54	-58.06	-869.96	-5,875.79	223.99	-49.94	273.93	0.818 Level 1	
12,300.00	7,145.09	12,211.36	7,026.42	160.44	160.48	-58.00	-870.44	-5,975.78	223.92	-54.91	278.83	0.803 Level 1	
12,400.00	7,144.80	12,311.36	7,025.96	163.38	163.42	-57.94	-870.92	-6,075.78	223.86	-59.88	283.74	0.789 Level 1	
12,500.00	7,144.50	12,411.36	7,025.50	166.32	166.36	-57.88	-871.40	-6,175.78	223.79	-64.84	288.64	0.775 Level 1	
12,600.00	7,144.21	12,511.36	7,025.05	169.26	169.30	-57.82	-871.89	-6,275.77	223.73	-69.80	293.53	0.762 Level 1	
12,700.00	7,143.91	12,611.35	7,024.59	172.20	172.24	-57.76	-872.37	-6,375.77	223.66	-74.76	298.42	0.749 Level 1	
12,800.00	7,143.62	12,711.35	7,024.13	175.14	175.18	-57.70	-872.85	-6,475.77	223.60	-79.70	303.30	0.737 Level 1	
12,900.00	7,143.32	12,811.35	7,023.67	178.08	178.12	-57.64	-873.34	-6,575.77	223.54	-84.65	308.18	0.725 Level 1	
13,000.00	7,143.03	12,911.35	7,023.22	181.02	181.06	-57.58	-873.82	-6,675.76	223.47	-89.58	313.06	0.714 Level 1	

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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
13,100.00	7,142.73	13,011.35	7,022.76	183.97	184.00	-57.52	-874.30	-6,775.76	223.41	-94.52	317.93	0.703	Level 1	
13,200.00	7,142.44	13,111.35	7,022.30	186.91	186.95	-57.46	-874.78	-6,875.76	223.35	-99.44	322.79	0.692	Level 1	
13,300.00	7,142.14	13,211.35	7,021.84	189.85	189.89	-57.40	-875.27	-6,975.76	223.28	-104.36	327.65	0.681	Level 1	
13,400.00	7,141.85	13,311.35	7,021.38	192.80	192.83	-57.34	-875.75	-7,075.75	223.22	-109.28	332.50	0.671	Level 1	
13,500.00	7,141.55	13,411.35	7,020.93	195.74	195.78	-57.28	-876.23	-7,175.75	223.16	-114.19	337.35	0.662	Level 1	
13,600.00	7,141.26	13,511.35	7,020.47	198.69	198.72	-57.22	-876.71	-7,275.75	223.10	-119.09	342.19	0.652	Level 1	
13,700.00	7,140.96	13,611.35	7,020.01	201.64	201.67	-57.16	-877.20	-7,375.75	223.03	-123.99	347.02	0.643	Level 1	
13,800.00	7,140.67	13,711.35	7,019.55	204.58	204.62	-57.10	-877.68	-7,475.74	222.97	-128.88	351.86	0.634	Level 1	
13,900.00	7,140.37	13,811.35	7,019.10	207.53	207.56	-57.04	-878.16	-7,575.74	222.91	-133.77	356.68	0.625	Level 1	
14,000.00	7,140.08	13,911.35	7,018.64	210.48	210.51	-56.98	-878.64	-7,675.74	222.85	-138.65	361.50	0.616	Level 1	
14,100.00	7,139.78	14,011.35	7,018.18	213.42	213.46	-56.92	-879.13	-7,775.74	222.79	-143.52	366.31	0.608	Level 1	
14,200.00	7,139.49	14,111.35	7,017.72	216.37	216.41	-56.86	-879.61	-7,875.73	222.73	-148.39	371.12	0.600	Level 1	
14,300.00	7,139.19	14,211.35	7,017.26	219.32	219.35	-56.80	-880.09	-7,975.73	222.67	-153.25	375.92	0.592	Level 1	
14,400.00	7,138.90	14,311.35	7,016.81	222.27	222.30	-56.74	-880.58	-8,075.73	222.61	-158.11	380.72	0.585	Level 1	
14,500.00	7,138.60	14,411.35	7,016.35	225.22	225.25	-56.68	-881.06	-8,175.73	222.55	-162.96	385.51	0.577	Level 1	
14,600.00	7,138.31	14,511.35	7,015.89	228.17	228.20	-56.62	-881.54	-8,275.72	222.49	-167.80	390.29	0.570	Level 1	
14,700.00	7,138.01	14,611.35	7,015.43	231.12	231.15	-56.56	-882.02	-8,375.72	222.43	-172.64	395.07	0.563	Level 1	
14,800.00	7,137.71	14,711.35	7,014.98	234.07	234.10	-56.50	-882.51	-8,475.72	222.37	-177.47	399.84	0.556	Level 1	
14,900.00	7,137.42	14,811.35	7,014.52	237.02	237.05	-56.44	-882.99	-8,575.72	222.31	-182.29	404.61	0.549	Level 1	
15,000.00	7,137.12	14,911.35	7,014.06	239.97	240.00	-56.38	-883.47	-8,675.71	222.25	-187.11	409.36	0.543	Level 1	
15,100.00	7,136.83	15,011.35	7,013.60	242.92	242.95	-56.32	-883.95	-8,775.71	222.19	-191.92	414.12	0.537	Level 1	
15,200.00	7,136.53	15,111.35	7,013.15	245.87	245.91	-56.26	-884.44	-8,875.71	222.14	-196.73	418.86	0.530	Level 1	
15,300.00	7,136.24	15,211.35	7,012.69	248.82	248.86	-56.20	-884.92	-8,975.71	222.08	-201.53	423.60	0.524	Level 1	
15,400.00	7,135.94	15,311.35	7,012.23	251.77	251.81	-56.14	-885.40	-9,075.70	222.02	-206.32	428.34	0.518	Level 1	
15,500.00	7,135.65	15,411.35	7,011.77	254.73	254.76	-56.08	-885.89	-9,175.70	221.96	-211.10	433.07	0.513	Level 1	
15,600.00	7,135.35	15,511.35	7,011.31	257.68	257.71	-56.01	-886.37	-9,275.70	221.91	-215.88	437.79	0.507	Level 1	
15,700.00	7,135.06	15,611.35	7,010.86	260.63	260.66	-55.95	-886.85	-9,375.70	221.85	-220.65	442.50	0.501	Level 1	
15,800.00	7,134.76	15,711.35	7,010.40	263.58	263.62	-55.89	-887.33	-9,475.69	221.79	-225.42	447.21	0.496	Level 1	
15,900.00	7,134.47	15,811.35	7,009.94	266.53	266.57	-55.83	-887.82	-9,575.69	221.74	-230.18	451.91	0.491	Level 1	
16,000.00	7,134.17	15,911.35	7,009.48	269.49	269.52	-55.77	-888.30	-9,675.69	221.68	-234.93	456.61	0.485	Level 1	
16,100.00	7,133.88	16,011.35	7,009.03	272.44	272.48	-55.71	-888.78	-9,775.69	221.62	-239.67	461.30	0.480	Level 1	
16,200.00	7,133.58	16,111.34	7,008.57	275.39	275.43	-55.65	-889.26	-9,875.68	221.57	-244.41	465.98	0.475	Level 1	
16,300.00	7,133.29	16,211.34	7,008.11	278.35	278.38	-55.59	-889.75	-9,975.68	221.51	-249.14	470.66	0.471	Level 1	
16,400.00	7,132.99	16,311.34	7,007.65	281.30	281.34	-55.53	-890.23	-10,075.68	221.46	-253.87	475.33	0.466	Level 1	
16,500.00	7,132.70	16,411.34	7,007.19	284.25	284.29	-55.47	-890.71	-10,175.68	221.40	-258.59	479.99	0.461	Level 1	
16,600.00	7,132.40	16,511.34	7,006.74	287.21	287.25	-55.41	-891.19	-10,275.67	221.35	-263.30	484.65	0.457	Level 1	
16,700.00	7,132.11	16,611.34	7,006.28	290.16	290.20	-55.35	-891.68	-10,375.67	221.29	-268.00	489.30	0.452	Level 1	
16,800.00	7,131.81	16,711.34	7,005.82	293.12	293.15	-55.29	-892.16	-10,475.67	221.24	-272.70	493.94	0.448	Level 1	
16,900.00	7,131.52	16,811.34	7,005.36	296.07	296.11	-55.22	-892.64	-10,575.67	221.19	-277.39	498.57	0.444	Level 1	
17,000.00	7,131.22	16,911.34	7,004.91	299.02	299.06	-55.16	-893.13	-10,675.66	221.13	-282.07	503.20	0.439	Level 1	
17,100.00	7,130.93	17,011.34	7,004.45	301.98	302.02	-55.10	-893.61	-10,775.66	221.08	-286.75	507.83	0.435	Level 1	
17,200.00	7,130.63	17,111.34	7,003.99	304.93	304.97	-55.04	-894.09	-10,875.66	221.03	-291.42	512.44	0.431	Level 1	
17,300.00	7,130.34	17,211.34	7,003.53	307.89	307.93	-54.98	-894.57	-10,975.66	220.97	-296.08	517.05	0.427	Level 1	
17,400.00	7,130.04	17,311.34	7,003.07	310.84	310.88	-54.92	-895.06	-11,075.65	220.92	-300.73	521.65	0.424	Level 1	
17,414.80	7,130.00	17,326.14	7,003.01	311.28	311.32	-54.91	-895.13	-11,090.45	220.91	-301.42	522.33	0.423	Level 1, ES, SF	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-12B-M - 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
6,300.00	6,243.72	8,138.02	7,054.39	17.72	38.25	-52.67	-1,325.37	-609.65	1,121.18	1,077.63	43.55	25.744	
6,400.00	6,342.74	8,145.59	7,054.19	18.05	38.45	-52.04	-1,325.42	-617.22	1,044.17	998.78	45.39	23.007	
6,500.00	6,441.77	8,153.16	7,053.99	18.39	38.65	-51.42	-1,325.48	-624.79	971.29	923.89	47.40	20.492	
6,600.00	6,540.80	8,160.73	7,053.78	18.72	38.85	-50.79	-1,325.54	-632.35	903.56	853.98	49.57	18.227	
6,700.00	6,639.57	8,170.27	7,053.53	19.07	39.10	-68.52	-1,325.61	-641.90	842.33	790.42	51.90	16.229	
6,800.00	6,735.67	8,206.62	7,052.91	19.49	40.06	-84.01	-1,325.78	-664.99	790.11	735.20	54.92	14.388	
6,900.00	6,826.60	8,231.40	7,051.90	20.02	40.72	-89.89	-1,326.06	-703.00	748.89	691.29	57.60	13.001	
7,000.00	6,910.10	8,283.40	7,050.51	20.68	42.12	-91.48	-1,326.44	-754.99	719.37	658.57	60.80	11.831	
7,100.00	6,984.13	8,348.11	7,048.78	21.49	43.87	-90.59	-1,326.92	-819.67	700.84	636.72	64.12	10.930	
7,200.00	7,046.86	8,423.93	7,046.76	22.50	45.93	-88.29	-1,327.48	-895.46	691.34	623.78	67.56	10.233	
7,300.00	7,096.75	8,508.99	7,044.49	23.74	48.27	-85.46	-1,328.11	-980.48	688.15	616.96	71.19	9.667	
7,333.58	7,110.39	8,539.26	7,043.68	24.23	49.10	-84.52	-1,328.33	-1,010.74	687.99	615.49	72.50	9.490 CC	
7,400.00	7,132.56	8,601.19	7,042.03	25.23	50.82	-82.84	-1,328.79	-1,072.65	688.44	613.33	75.11	9.166	
7,500.00	7,153.42	8,701.72	7,039.44	26.97	53.62	-81.01	-1,329.51	-1,169.70	689.79	610.30	79.49	8.677	
7,600.00	7,158.96	8,802.15	7,036.78	28.88	56.44	-80.32	-1,330.24	-1,269.23	690.65	606.46	84.19	8.204	
7,700.00	7,158.66	8,902.18	7,034.12	30.95	59.26	-80.12	-1,330.98	-1,369.17	691.13	602.04	89.09	7.757	
7,800.00	7,158.37	9,002.21	7,031.45	33.16	62.10	-79.93	-1,331.72	-1,469.10	691.62	597.49	94.12	7.348	
7,900.00	7,158.07	9,102.24	7,028.78	35.49	64.94	-79.74	-1,332.46	-1,569.03	692.11	592.86	99.25	6.973	
8,000.00	7,157.78	9,197.73	7,026.11	37.91	67.67	-79.55	-1,333.20	-1,668.97	692.62	588.28	104.34	6.638	
8,100.00	7,157.48	9,302.29	7,023.45	40.41	70.66	-79.35	-1,333.94	-1,768.90	693.13	583.39	109.74	6.316	
8,200.00	7,157.19	9,402.32	7,020.78	42.97	73.53	-79.16	-1,334.68	-1,868.83	693.65	578.58	115.07	6.028	
8,300.00	7,156.89	9,502.35	7,018.11	45.58	76.41	-78.97	-1,335.41	-1,968.77	694.17	573.73	120.44	5.764	
8,400.00	7,156.60	9,602.38	7,015.44	48.24	79.30	-78.78	-1,336.15	-2,068.70	694.71	568.86	125.85	5.520	
8,500.00	7,156.30	9,702.41	7,012.78	50.92	82.19	-78.59	-1,336.89	-2,168.63	695.25	563.97	131.28	5.296	
8,600.00	7,156.01	9,802.43	7,010.11	53.64	85.08	-78.40	-1,337.63	-2,268.57	695.80	559.07	136.73	5.089	
8,700.00	7,155.71	9,902.46	7,007.44	56.38	87.98	-78.21	-1,338.37	-2,368.50	696.36	554.15	142.20	4.897	
8,800.00	7,155.42	10,002.49	7,004.77	59.15	90.88	-78.02	-1,339.11	-2,468.43	696.92	549.23	147.69	4.719	
8,900.00	7,155.12	10,102.52	7,002.11	61.93	93.79	-77.83	-1,339.85	-2,568.37	697.50	544.31	153.19	4.553	
9,000.00	7,154.83	10,202.55	6,999.44	64.73	96.70	-77.64	-1,340.58	-2,668.30	698.08	539.38	158.69	4.399	
9,100.00	7,154.53	10,302.58	6,996.77	67.55	99.61	-77.45	-1,341.32	-2,768.23	698.67	534.46	164.21	4.255	
9,200.00	7,154.24	10,402.60	6,994.10	70.37	102.53	-77.26	-1,342.06	-2,868.17	699.26	529.54	169.72	4.120	
9,300.00	7,153.94	10,502.63	6,991.44	73.21	105.45	-77.08	-1,342.80	-2,968.10	699.86	524.62	175.24	3.994	
9,400.00	7,153.65	10,602.66	6,988.77	76.06	108.37	-76.89	-1,343.54	-3,068.03	700.47	519.71	180.77	3.875	
9,500.00	7,153.35	10,702.69	6,986.10	78.91	111.29	-76.70	-1,344.28	-3,167.97	701.09	514.81	186.29	3.764	
9,600.00	7,153.06	10,802.72	6,983.43	81.77	114.22	-76.51	-1,345.02	-3,267.90	701.72	509.91	191.81	3.658	
9,700.00	7,152.76	10,902.74	6,980.77	84.64	117.14	-76.33	-1,345.76	-3,367.84	702.35	505.03	197.33	3.559	
9,800.00	7,152.47	11,002.77	6,978.10	87.52	120.07	-76.14	-1,346.49	-3,467.77	702.99	500.15	202.84	3.466	
9,900.00	7,152.17	11,102.80	6,975.43	90.40	123.00	-75.96	-1,347.23	-3,567.70	703.64	495.29	208.35	3.377	
10,000.00	7,151.88	11,202.83	6,972.76	93.29	125.93	-75.77	-1,347.97	-3,667.64	704.30	490.43	213.86	3.293	
10,100.00	7,151.58	11,302.86	6,970.10	96.18	128.87	-75.58	-1,348.71	-3,767.57	704.96	485.59	219.37	3.214	
10,200.00	7,151.29	11,402.89	6,967.43	99.08	131.80	-75.40	-1,349.45	-3,867.50	705.63	480.77	224.86	3.138	
10,300.00	7,150.99	11,502.91	6,964.76	101.98	134.73	-75.21	-1,350.19	-3,967.44	706.31	475.95	230.36	3.066	
10,400.00	7,150.70	11,602.94	6,962.09	104.88	137.67	-75.03	-1,350.93	-4,067.37	706.99	471.15	235.84	2.998	
10,500.00	7,150.40	11,702.97	6,959.43	107.78	140.61	-74.85	-1,351.67	-4,167.30	707.68	466.36	241.32	2.933	
10,600.00	7,150.11	11,803.00	6,956.76	110.69	143.55	-74.66	-1,352.40	-4,267.24	708.38	461.59	246.79	2.870	
10,700.00	7,149.81	11,903.03	6,954.09	113.61	146.48	-74.48	-1,353.14	-4,367.17	709.09	456.83	252.26	2.811	
10,800.00	7,149.52	12,003.06	6,951.42	116.52	149.42	-74.30	-1,353.88	-4,467.10	709.81	452.09	257.71	2.754	
10,900.00	7,149.22	12,103.08	6,948.76	119.44	152.37	-74.11	-1,354.62	-4,567.04	710.53	447.37	263.16	2.700	
11,000.00	7,148.93	12,203.11	6,946.09	122.35	155.31	-73.93	-1,355.36	-4,666.97	711.25	442.66	268.60	2.648	
11,100.00	7,148.63	12,303.14	6,943.42	125.28	158.25	-73.75	-1,356.10	-4,766.90	711.99	437.96	274.03	2.598	
11,200.00	7,148.34	12,403.17	6,940.75	128.20	161.19	-73.57	-1,356.84	-4,866.84	712.73	433.28	279.45	2.550	
11,300.00	7,148.04	12,503.20	6,938.09	131.12	164.13	-73.39	-1,357.57	-4,966.77	713.48	428.62	284.86	2.505	
11,400.00	7,147.75	12,603.22	6,935.42	134.05	167.08	-73.21	-1,358.31	-5,066.70	714.24	423.98	290.26	2.461	
11,500.00	7,147.45	12,703.25	6,932.75	136.98	170.02	-73.03	-1,359.05	-5,166.64	715.00	419.35	295.65	2.418	
11,600.00	7,147.16	12,803.28	6,930.08	139.91	172.97	-72.85	-1,359.79	-5,266.57	715.78	414.74	301.04	2.378	
11,700.00	7,146.86	12,903.31	6,927.42	142.84	175.91	-72.67	-1,360.53	-5,366.50	716.55	410.15	306.41	2.339	
11,800.00	7,146.57	13,003.34	6,924.75	145.77	178.86	-72.49	-1,361.27	-5,466.44	717.34	405.57	311.77	2.301	
11,900.00	7,146.27	13,103.37	6,922.08	148.70	181.81	-72.31	-1,362.01	-5,566.37	718.13	401.01	317.12	2.265	
12,000.00	7,145.98	13,203.39	6,919.41	151.63	184.75	-72.13	-1,362.75	-5,666.31	718.93	396.47	322.46	2.230	
12,100.00	7,145.68	13,303.42	6,916.75	154.57	187.70	-71.95	-1,363.48	-5,766.24	719.74	391.95	327.79	2.196	
12,200.00	7,145.39	13,362.03	6,915.00	157.51	189.43	-71.84	-1,363.97	-5,831.66	721.38	389.59	331.79	2.174 ES, SF	
12,300.00	7,145.09	13,362.03	6,915.00	160.44	189.43	-71.84	-1,363.97	-5,831.66	733.80	404.08	329.72	2.226	
12,400.00	7,144.80	13,362.03	6,915.00	163.38	189.43	-71.84	-1,363.97	-5,831.66	759.30	437.12	322.19	2.357	
12,500.00	7,144.50	13,362.03	6,915.00	166.32	189.43	-71.84	-1,363.97	-5,831.66	796.63	486.07	310.56	2.565	
12,600.00	7,144.21	13,362.03	6,915.00	169.26	189.43	-71.84	-1,363.97	-5,831.66	844.22	547.80	296.42	2.848	
12,700.00	7,143.9												

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-12B-M - 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	
12,800.00	7,143.62	13,362.03	6,915.00	175.14	189.43	-71.84	-1,363.97	-5,831.66	963.77	698.02	265.76	3.627	
12,900.00	7,143.32	13,362.03	6,915.00	178.08	189.43	-71.84	-1,363.97	-5,831.66	1,032.93	782.01	250.92	4.117	
13,000.00	7,143.03	13,362.03	6,915.00	181.02	189.43	-71.84	-1,363.97	-5,831.66	1,106.81	869.83	236.98	4.670	
13,100.00	7,142.73	13,362.03	6,915.00	183.97	189.43	-71.84	-1,363.97	-5,831.66	1,184.53	960.41	224.11	5.285	



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				Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)				
0.00	0.00	2.00	2.00	3.28	3.28	-102.08	-38.63	-180.43	184.52					
100.00	100.00	102.00	102.00	3.28	3.28	-102.08	-38.63	-180.43	184.52	176.99	7.53	24.513		
200.00	200.00	202.00	202.00	3.30	3.30	-102.08	-38.63	-180.43	184.52	176.95	7.57	24.377	CC	
300.00	300.00	299.06	299.06	3.34	3.34	31.13	-38.86	-180.78	184.56	176.91	7.65	24.129	ES	
400.00	399.93	393.41	393.35	3.40	3.40	31.30	-40.62	-183.41	184.69	176.94	7.75	23.829		
500.00	499.68	487.76	487.49	3.48	3.47	31.63	-44.10	-188.63	184.91	177.02	7.89	23.437		
600.00	599.13	582.11	581.37	3.59	3.57	32.14	-49.30	-196.43	185.21	177.14	8.07	22.959		
700.00	698.21	676.46	674.89	3.73	3.70	32.75	-56.21	-206.79	185.99	177.70	8.29	22.442		
800.00	797.24	770.74	767.88	3.90	3.86	33.04	-64.81	-219.70	189.43	180.88	8.55	22.156		
900.00	896.27	864.74	860.03	4.09	4.06	32.95	-75.08	-235.09	195.89	187.03	8.85	22.128		
1,000.00	995.30	958.27	951.08	4.31	4.31	32.52	-86.96	-252.90	205.34	196.15	9.19	22.341		
1,100.00	1,094.32	1,051.14	1,040.74	4.54	4.60	31.83	-100.38	-273.02	217.79	208.23	9.56	22.782		
1,200.00	1,193.35	1,149.44	1,135.14	4.79	4.95	30.99	-115.58	-295.82	232.03	222.02	10.01	23.173		
1,300.00	1,292.38	1,248.36	1,230.13	5.05	5.34	30.25	-130.90	-318.78	246.33	235.83	10.50	23.461		
1,400.00	1,391.40	1,347.29	1,325.13	5.32	5.76	29.58	-146.21	-341.75	260.67	249.66	11.01	23.670		
1,500.00	1,490.43	1,446.21	1,420.13	5.60	6.19	28.99	-161.52	-364.71	275.04	263.50	11.53	23.844		
1,600.00	1,589.46	1,545.14	1,515.12	5.89	6.64	28.46	-176.84	-387.67	289.43	277.35	12.08	23.954		
1,700.00	1,688.48	1,644.06	1,610.12	6.19	7.10	27.97	-192.15	-410.63	303.85	291.20	12.64	24.031		
1,800.00	1,787.51	1,742.98	1,705.12	6.35	7.48	27.53	-207.46	-433.59	318.28	305.47	12.81	24.848		
1,900.00	1,886.54	1,841.91	1,800.11	6.39	7.67	27.13	-222.78	-456.55	332.73	319.98	12.76	26.082		
2,000.00	1,985.56	1,940.83	1,895.11	6.44	7.77	26.76	-238.09	-479.51	347.20	334.38	12.82	27.075		
2,100.00	2,084.59	2,039.76	1,990.11	6.52	7.90	26.42	-253.40	-502.47	361.68	348.75	12.93	27.974		
2,200.00	2,183.62	2,138.68	2,085.10	6.61	8.07	26.11	-268.71	-525.44	376.17	363.10	13.07	28.775		
2,300.00	2,282.64	2,237.61	2,180.10	6.72	8.27	25.82	-284.03	-548.40	390.67	377.42	13.25	29.478		
2,400.00	2,381.67	2,336.53	2,275.09	6.85	8.50	25.55	-299.34	-571.36	405.18	391.72	13.47	30.085		
2,500.00	2,480.70	2,435.45	2,370.09	6.99	8.75	25.30	-314.65	-594.32	419.70	405.99	13.72	30.600		
2,600.00	2,579.72	2,534.38	2,465.09	7.15	9.03	25.07	-329.97	-617.28	434.23	420.23	13.99	31.028		
2,700.00	2,678.75	2,633.30	2,560.08	7.33	9.34	24.85	-345.28	-640.24	448.76	434.46	14.30	31.377		
2,800.00	2,777.78	2,732.23	2,655.08	7.51	9.66	24.64	-360.59	-663.20	463.30	448.66	14.64	31.653		
2,900.00	2,876.80	2,831.15	2,750.08	7.71	10.01	24.45	-375.91	-686.16	477.84	462.85	15.00	31.864		
3,000.00	2,975.83	2,930.08	2,845.07	7.92	10.37	24.27	-391.22	-709.13	492.39	477.01	15.38	32.017		
3,100.00	3,074.86	3,029.00	2,940.07	8.14	10.74	24.10	-406.53	-732.09	506.95	491.16	15.78	32.121		
3,200.00	3,173.89	3,127.93	3,035.07	8.37	11.13	23.94	-421.84	-755.05	521.50	505.30	16.21	32.180		
3,300.00	3,272.91	3,226.85	3,130.06	8.60	11.53	23.79	-437.16	-778.01	536.07	519.42	16.65	32.202		
3,400.00	3,371.94	3,325.77	3,225.06	8.85	11.94	23.64	-452.47	-800.97	550.63	533.53	17.10	32.192		
3,500.00	3,470.97	3,424.70	3,320.06	9.10	12.37	23.51	-467.78	-823.93	565.20	547.62	17.58	32.156		
3,600.00	3,569.99	3,523.62	3,415.05	9.36	12.80	23.38	-483.10	-846.89	579.77	561.71	18.06	32.096		
3,700.00	3,669.02	3,622.55	3,510.05	9.63	13.24	23.25	-498.41	-869.85	594.34	575.78	18.56	32.019		
3,800.00	3,768.05	3,721.47	3,605.04	9.90	13.68	23.13	-513.72	-892.82	608.92	589.85	19.07	31.926		
3,900.00	3,867.07	3,820.40	3,700.04	10.18	14.13	23.02	-529.04	-915.78	623.50	603.91	19.59	31.820		
4,000.00	3,966.10	3,919.32	3,795.04	10.46	14.59	22.92	-544.35	-938.74	638.08	617.96	20.13	31.705		
4,100.00	4,065.13	4,018.24	3,890.03	10.75	15.06	22.81	-559.66	-961.70	652.66	632.00	20.67	31.582		
4,200.00	4,164.15	4,117.17	3,985.03	11.04	15.53	22.72	-574.97	-984.66	667.25	646.04	21.21	31.453		
4,300.00	4,263.18	4,216.09	4,080.03	11.33	16.00	22.62	-590.29	-1,007.62	681.84	660.07	21.77	31.319		
4,400.00	4,362.21	4,315.02	4,175.02	11.63	16.48	22.53	-605.60	-1,030.58	696.43	674.09	22.33	31.183		
4,500.00	4,461.23	4,413.94	4,270.02	11.93	16.96	22.45	-620.91	-1,053.54	711.02	688.11	22.90	31.044		
4,600.00	4,560.26	4,512.87	4,365.02	12.24	17.44	22.36	-636.23	-1,076.51	725.61	702.13	23.48	30.905		
4,700.00	4,659.29	4,611.79	4,460.01	12.54	17.93	22.28	-651.54	-1,099.47	740.20	716.14	24.06	30.764		
4,800.00	4,758.31	4,710.72	4,555.01	12.85	18.42	22.21	-666.85	-1,122.43	754.80	730.15	24.65	30.625		
4,900.00	4,857.34	4,809.64	4,650.01	13.16	18.92	22.14	-682.17	-1,145.39	769.39	744.15	25.24	30.485		
5,000.00	4,956.37	4,908.56	4,745.00	13.48	19.41	22.06	-697.48	-1,168.35	783.99	758.15	25.83	30.347		
5,100.00	5,055.39	5,007.49	4,840.00	13.80	19.91	22.00	-712.79	-1,191.31	798.59	772.15	26.43	30.211		
5,200.00	5,154.42	5,106.41	4,935.00	14.11	20.41	21.93	-728.10	-1,214.27	813.19	786.15	27.04	30.076		
5,300.00	5,253.45	5,205.34	5,029.99	14.43	20.91	21.87	-743.42	-1,237.23	827.79	800.14	27.64	29.944		
5,400.00	5,352.48	5,304.26	5,124.99	14.76	21.42	21.81	-758.73	-1,260.19	842.39	814.13	28.26	29.813		
5,500.00	5,451.50	5,403.19	5,219.98	15.08	21.92	21.75	-774.04	-1,283.16	856.99	828.12	28.87	29.685		
5,600.00	5,550.53	5,502.11	5,314.98	15.41	22.43	21.69	-789.36	-1,306.12	871.59	842.11	29.49	29.559		
5,700.00	5,649.56	5,601.03	5,409.98	15.73	22.94	21.64	-804.67	-1,329.08	886.20	856.09	30.11	29.436		
5,800.00	5,748.58	5,700.04	5,504.97	16.06	23.45	21.58	-819.98	-1,352.04	900.80	870.07	30.73	29.315		
5,900.00	5,847.61	5,801.12	5,599.97	16.39	23.97	21.53	-835.30	-1,375.00	915.41	884.04	31.36	29.190		
6,000.00	5,946.64	5,902.19	5,694.97	16.72	24.50	21.48	-850.61	-1,397.96	930.01	898.02	32.00	29.067		
6,100.00	6,045.66	5,996.73	5,789.96	17.05	24.99	21.43	-865.92	-1,420.92	944.62	912.01	32.61	28.968		
6,200.00	6,144.69	6,095.66	5,884.96	17.38	25.50	21.39	-881.23	-1,443.88	959.23	925.99	33.24	28.857		
6,300.00	6,243.72	6,194.58	5,979.96	17.72	26.02	21.34	-896.55	-1,466.85	973.83	939.96	33.87	28.749		
6,400.00	6,342.74	6,293.51	6,074.95	18.05	26.54	21.30	-911.86	-1,489.81	988.44	953.93	34.51	28.644		
6,500.00	6,441.77	6,392.26	6,169.94	18.39	27.06	21.25	-927.17	-1,512.81	1,003.04	968.94	35.16	28.542		

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	
6,600.00	6,540.80	8,112.82	7,194.58	18.72	37.25	-54.07	-1,091.89	-636.28	825.20	785.49	39.72	20.777	
6,700.00	6,639.57	8,102.41	7,194.41	19.07	37.06	-74.12	-1,091.87	-646.69	743.08	701.51	41.56	17.878	
6,800.00	6,735.67	8,078.47	7,194.00	19.49	36.63	-93.26	-1,091.81	-670.63	667.44	623.86	43.58	15.315	
6,900.00	6,826.60	8,039.65	7,193.33	20.02	35.95	-101.39	-1,091.72	-709.44	601.26	555.60	45.67	13.166	
7,000.00	6,910.10	7,986.91	7,192.43	20.68	35.06	-104.31	-1,091.60	-762.17	546.83	499.14	47.69	11.466	
7,100.00	6,984.13	7,921.55	7,191.32	21.49	34.05	-104.09	-1,091.44	-827.53	505.34	455.82	49.52	10.204	
7,200.00	7,046.86	7,845.18	7,190.02	22.50	32.99	-101.93	-1,091.26	-903.89	476.49	425.43	51.06	9.332	
7,300.00	7,096.75	7,751.05	7,187.50	23.74	31.86	-98.27	-1,090.90	-997.97	458.17	406.22	51.95	8.819	
7,400.00	7,132.56	7,641.43	7,170.56	25.23	30.81	-92.94	-1,088.21	-1,106.10	444.84	392.29	52.55	8.465	
7,500.00	7,153.42	7,542.29	7,139.68	26.97	30.09	-87.41	-1,083.27	-1,200.07	435.87	382.00	53.87	8.091	
7,600.00	7,158.96	7,451.16	7,098.90	28.88	29.62	-81.74	-1,076.74	-1,281.23	431.75	376.12	55.64	7.760	
7,624.71	7,158.89	7,430.14	7,087.90	29.39	29.53	-80.26	-1,074.97	-1,299.05	431.55	375.41	56.14	7.687	
7,700.00	7,158.66	7,371.33	7,054.11	30.95	29.33	-75.74	-1,069.55	-1,346.84	433.80	376.13	57.67	7.522	
7,800.00	7,158.37	7,304.59	7,010.67	33.16	29.16	-70.02	-1,062.57	-1,396.99	445.44	385.95	59.49	7.487 SF	
7,900.00	7,158.07	7,250.00	6,971.45	35.49	29.07	-65.02	-1,056.26	-1,434.41	468.91	408.19	60.72	7.722	
8,000.00	7,157.78	7,200.00	6,932.86	37.91	29.00	-60.33	-1,050.06	-1,465.58	504.67	443.62	61.05	8.267	
8,100.00	7,157.48	7,164.25	6,903.86	40.41	28.97	-56.97	-1,045.40	-1,485.94	551.73	490.76	60.98	9.048	
8,200.00	7,157.19	7,131.63	6,876.44	42.97	28.94	-53.95	-1,040.98	-1,503.05	608.47	548.05	60.41	10.072	
8,300.00	7,156.89	7,100.00	6,849.06	45.58	28.92	-51.09	-1,036.58	-1,518.26	673.08	613.53	59.56	11.302	
8,400.00	7,156.60	7,080.06	6,831.43	48.24	28.91	-49.33	-1,033.74	-1,527.13	743.90	685.06	58.84	12.643	
8,500.00	7,156.30	7,050.00	6,804.36	50.92	28.89	-46.74	-1,029.39	-1,539.44	819.77	761.93	57.84	14.173	
8,600.00	7,156.01	7,050.00	6,804.36	53.64	28.89	-46.74	-1,029.39	-1,539.44	899.39	841.93	57.46	15.653	
8,700.00	7,155.71	7,025.70	6,782.08	56.38	28.88	-44.73	-1,025.80	-1,548.44	982.02	925.39	56.63	17.341	
8,800.00	7,155.42	7,000.00	6,758.16	59.15	28.87	-42.68	-1,021.95	-1,557.01	1,067.37	1,011.53	55.84	19.116	
8,900.00	7,155.12	7,000.00	6,758.16	61.93	28.87	-42.68	-1,021.95	-1,557.01	1,154.39	1,098.89	55.51	20.797	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L2 - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
2,700.00	2,678.75	2,653.49	2,651.01	7.33	6.30	-51.87	-1,406.93	-125.16	1,197.29	1,183.48	13.81	86.675	
2,800.00	2,777.78	2,753.04	2,750.46	7.51	6.43	-52.21	-1,409.49	-128.99	1,190.91	1,176.80	14.11	84.415	
2,900.00	2,876.80	2,852.60	2,849.91	7.71	6.56	-52.54	-1,412.05	-132.81	1,184.56	1,170.14	14.42	82.123	
3,000.00	2,975.83	2,952.16	2,949.36	7.92	6.71	-52.88	-1,414.61	-136.64	1,178.26	1,163.50	14.76	79.821	
3,100.00	3,074.86	3,051.71	3,048.81	8.14	6.86	-53.22	-1,417.17	-140.46	1,172.00	1,156.88	15.12	77.526	
3,200.00	3,173.89	3,151.27	3,148.26	8.37	7.02	-53.57	-1,419.73	-144.29	1,165.78	1,150.29	15.49	75.250	
3,300.00	3,272.91	3,250.82	3,247.71	8.60	7.19	-53.92	-1,422.29	-148.11	1,159.61	1,143.72	15.88	73.008	
3,400.00	3,371.94	3,350.38	3,347.16	8.85	7.36	-54.27	-1,424.85	-151.94	1,153.48	1,137.19	16.29	70.807	
3,500.00	3,470.97	3,449.93	3,446.61	9.10	7.55	-54.63	-1,427.41	-155.76	1,147.39	1,130.68	16.71	68.657	
3,600.00	3,569.99	3,549.49	3,546.06	9.36	7.74	-54.99	-1,429.97	-159.59	1,141.35	1,124.20	17.15	66.562	
3,700.00	3,669.02	3,649.05	3,645.51	9.63	7.93	-55.36	-1,432.53	-163.41	1,135.35	1,117.76	17.59	64.527	
3,800.00	3,768.05	3,748.60	3,744.95	9.90	8.13	-55.73	-1,435.10	-167.24	1,129.40	1,111.35	18.05	62.555	
3,900.00	3,867.07	3,848.16	3,844.40	10.18	8.34	-56.10	-1,437.66	-171.06	1,123.50	1,104.98	18.53	60.647	
4,000.00	3,966.10	3,947.71	3,943.85	10.46	8.55	-56.48	-1,440.22	-174.89	1,117.65	1,098.64	19.01	58.805	
4,100.00	4,065.13	4,047.27	4,043.30	10.75	8.76	-56.86	-1,442.78	-178.71	1,111.84	1,092.35	19.50	57.028	
4,200.00	4,164.15	4,146.82	4,142.75	11.04	8.98	-57.24	-1,445.34	-182.54	1,106.09	1,086.09	20.00	55.317	
4,300.00	4,263.18	4,246.38	4,242.20	11.33	9.20	-57.63	-1,447.90	-186.36	1,100.39	1,079.88	20.50	53.669	
4,400.00	4,362.21	4,345.94	4,341.65	11.63	9.43	-58.02	-1,450.46	-190.19	1,094.73	1,073.71	21.02	52.084	
4,500.00	4,461.23	4,445.49	4,441.10	11.93	9.65	-58.42	-1,453.02	-194.01	1,089.13	1,067.59	21.54	50.560	
4,600.00	4,560.26	4,545.05	4,540.55	12.24	9.89	-58.82	-1,455.58	-197.84	1,083.58	1,061.51	22.07	49.096	
4,700.00	4,659.29	4,644.60	4,640.00	12.54	10.12	-59.23	-1,458.14	-201.66	1,078.09	1,055.48	22.61	47.689	
4,800.00	4,758.31	4,744.16	4,739.45	12.85	10.36	-59.63	-1,460.70	-205.49	1,072.65	1,049.50	23.15	46.338	
4,900.00	4,857.34	4,843.71	4,838.90	13.16	10.60	-60.05	-1,463.26	-209.31	1,067.27	1,043.57	23.70	45.040	
5,000.00	4,956.37	4,943.27	4,938.35	13.48	10.84	-60.46	-1,465.82	-213.14	1,061.94	1,037.69	24.25	43.793	
5,100.00	5,055.39	5,042.83	5,037.80	13.80	11.08	-60.89	-1,468.38	-216.96	1,056.67	1,031.86	24.81	42.595	
5,200.00	5,154.42	5,142.38	5,137.24	14.11	11.33	-61.31	-1,470.94	-220.79	1,051.45	1,026.08	25.37	41.445	
5,300.00	5,253.45	5,241.94	5,236.69	14.43	11.57	-61.74	-1,473.50	-224.61	1,046.30	1,020.36	25.94	40.339	
5,400.00	5,352.48	5,341.49	5,336.14	14.76	11.82	-62.17	-1,476.06	-228.44	1,041.20	1,014.69	26.51	39.277	
5,500.00	5,451.50	5,441.05	5,435.59	15.08	12.07	-62.61	-1,478.63	-232.26	1,036.17	1,009.08	27.08	38.256	
5,600.00	5,550.53	5,540.61	5,535.04	15.41	12.33	-63.05	-1,481.19	-236.09	1,031.20	1,003.53	27.66	37.275	
5,700.00	5,649.56	5,640.16	5,634.49	15.73	12.58	-63.50	-1,483.75	-239.91	1,026.28	998.04	28.25	36.332	
5,800.00	5,748.58	5,739.72	5,733.94	16.06	12.83	-63.95	-1,486.31	-243.74	1,021.44	992.60	28.83	35.424	
5,900.00	5,847.61	5,839.27	5,833.39	16.39	13.09	-64.41	-1,488.87	-247.56	1,016.65	987.23	29.42	34.551	
6,000.00	5,946.64	5,938.83	5,932.84	16.72	13.35	-64.87	-1,491.43	-251.39	1,011.94	981.92	30.02	33.711	
6,100.00	6,045.66	6,038.38	6,032.29	17.05	13.61	-65.33	-1,493.99	-255.21	1,007.28	976.67	30.61	32.903	
6,200.00	6,144.69	6,137.94	6,131.74	17.38	13.87	-65.80	-1,496.55	-259.04	1,002.70	971.48	31.21	32.124	
6,300.00	6,243.72	6,237.50	6,231.19	17.72	14.13	-66.27	-1,499.11	-262.86	998.18	966.36	31.82	31.374	
6,400.00	6,342.74	6,337.05	6,330.64	18.05	14.39	-66.75	-1,501.67	-266.69	993.73	961.31	32.42	30.652	
6,500.00	6,441.77	6,436.61	6,430.09	18.39	14.65	-67.23	-1,504.23	-270.51	989.35	956.32	33.03	29.956	
6,600.00	6,540.80	6,536.16	6,529.53	18.72	14.91	-67.71	-1,506.79	-274.34	985.04	951.41	33.64	29.285	
6,700.00	6,639.57	6,635.54	6,628.81	19.07	15.18	-83.61	-1,509.35	-278.15	981.53	947.27	34.26	28.649	
6,721.24	6,660.30	6,656.46	6,649.70	19.15	15.23	-87.59	-1,509.89	-278.96	981.39	946.98	34.42	28.516 CC, ES	
6,800.00	6,735.67	6,700.00	6,693.22	19.49	15.33	-96.11	-1,511.00	-279.10	984.52	949.62	34.90	28.211	
6,900.00	6,826.60	6,757.57	6,750.59	20.02	15.43	-101.20	-1,512.47	-274.73	997.96	962.32	35.64	28.005 SF	
7,000.00	6,910.10	6,800.00	6,792.49	20.68	15.51	-103.05	-1,513.53	-268.19	1,022.96	986.49	36.47	28.051	
7,100.00	6,984.13	6,832.32	6,824.06	21.49	15.56	-102.61	-1,514.33	-261.35	1,059.88	1,022.49	37.39	28.349	
7,200.00	7,046.86	6,850.00	6,841.17	22.50	15.59	-99.72	-1,514.77	-256.93	1,108.10	1,069.75	38.35	28.898	
7,300.00	7,096.75	6,864.57	6,855.18	23.74	15.62	-94.92	-1,515.12	-252.93	1,166.00	1,126.65	39.35	29.628	

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	-95.89	-18.58	-180.15	181.11					
100.00	100.00	102.00	102.00	3.28	3.28	-95.89	-18.58	-180.15	181.11	173.58	7.53	24.059		
200.00	200.00	202.00	202.00	3.30	3.30	-95.89	-18.58	-180.15	181.11	173.54	7.57	23.926		
252.26	252.26	254.26	254.26	3.32	3.32	37.36	-18.58	-180.15	180.92	173.31	7.61	23.779	CC, ES	
300.00	300.00	299.13	299.13	3.34	3.34	37.34	-18.78	-180.52	181.17	173.52	7.65	23.685		
400.00	399.93	393.60	393.54	3.40	3.40	37.58	-20.28	-183.32	181.51	173.75	7.75	23.416		
500.00	499.68	488.07	487.79	3.48	3.47	38.08	-23.27	-188.85	182.13	174.24	7.89	23.079		
600.00	599.13	582.51	581.77	3.59	3.57	38.82	-27.72	-197.12	183.05	174.98	8.07	22.679		
700.00	698.21	676.94	675.36	3.73	3.70	39.72	-33.63	-208.11	184.66	176.36	8.30	22.258		
800.00	797.24	771.28	768.40	3.90	3.86	40.28	-41.00	-221.79	188.94	180.37	8.57	22.058		
900.00	896.27	865.32	860.60	4.09	4.07	40.41	-49.79	-238.11	196.20	187.32	8.88	22.101		
1,000.00	995.30	958.87	951.66	4.31	4.31	40.17	-59.94	-256.98	206.39	197.17	9.23	22.369		
1,100.00	1,094.32	1,052.38	1,041.93	4.54	4.61	39.60	-71.49	-278.43	219.51	209.89	9.61	22.834		
1,200.00	1,193.35	1,151.31	1,137.10	4.79	4.96	38.93	-84.30	-302.22	233.83	223.74	10.08	23.188		
1,300.00	1,292.38	1,250.25	1,232.28	5.05	5.35	38.35	-97.11	-326.01	248.18	237.59	10.58	23.451		
1,400.00	1,391.40	1,349.18	1,327.45	5.32	5.76	37.82	-109.92	-349.80	262.55	251.44	11.11	23.633		
1,500.00	1,490.43	1,448.12	1,422.62	5.60	6.19	37.35	-122.73	-373.59	276.94	265.29	11.65	23.780		
1,600.00	1,589.46	1,547.05	1,517.80	5.89	6.63	36.93	-135.54	-397.38	291.34	279.13	12.21	23.866		
1,700.00	1,688.48	1,645.99	1,612.97	6.19	7.09	36.55	-148.36	-421.18	305.76	292.98	12.78	23.920		
1,800.00	1,787.51	1,744.92	1,708.15	6.35	7.46	36.20	-161.17	-444.97	320.20	307.24	12.96	24.713		
1,900.00	1,886.54	1,843.86	1,803.32	6.39	7.64	35.88	-173.98	-468.76	334.64	321.73	12.91	25.923		
2,000.00	1,985.56	1,942.79	1,898.49	6.44	7.74	35.59	-186.79	-492.55	349.09	336.11	12.98	26.890		
2,100.00	2,084.59	2,041.73	1,993.67	6.52	7.87	35.32	-199.60	-516.34	363.55	350.45	13.10	27.760		
2,200.00	2,183.62	2,140.66	2,088.84	6.61	8.03	35.07	-212.41	-540.13	378.02	364.77	13.25	28.533		
2,300.00	2,282.64	2,239.60	2,184.01	6.72	8.23	34.84	-225.22	-563.93	392.49	379.05	13.44	29.206		
2,400.00	2,381.67	2,338.53	2,279.19	6.85	8.45	34.63	-238.03	-587.72	406.97	393.31	13.66	29.784		
2,500.00	2,480.70	2,437.47	2,374.36	6.99	8.70	34.43	-250.84	-611.51	421.46	407.54	13.92	30.271		
2,600.00	2,579.72	2,536.40	2,469.53	7.15	8.98	34.24	-263.65	-635.30	435.95	421.73	14.21	30.672		
2,700.00	2,678.75	2,635.34	2,564.71	7.33	9.28	34.07	-276.46	-659.09	450.44	435.91	14.53	30.995		
2,800.00	2,777.78	2,734.27	2,659.88	7.51	9.60	33.90	-289.27	-682.88	464.94	450.06	14.88	31.246		
2,900.00	2,876.80	2,833.21	2,755.05	7.71	9.94	33.75	-302.08	-706.67	479.44	464.19	15.25	31.435		
3,000.00	2,975.83	2,932.14	2,850.23	7.92	10.29	33.61	-314.89	-730.47	493.95	478.30	15.65	31.567		
3,100.00	3,074.86	3,031.08	2,945.40	8.14	10.66	33.47	-327.70	-754.26	508.45	492.39	16.06	31.651		
3,200.00	3,173.89	3,130.01	3,040.58	8.37	11.04	33.34	-340.51	-778.05	522.96	506.46	16.50	31.693		
3,300.00	3,272.91	3,228.95	3,135.75	8.60	11.44	33.22	-353.32	-801.84	537.48	520.52	16.96	31.698		
3,400.00	3,371.94	3,327.88	3,230.92	8.85	11.85	33.10	-366.13	-825.63	551.99	534.56	17.43	31.674		
3,500.00	3,470.97	3,426.82	3,326.10	9.10	12.26	33.00	-378.94	-849.42	566.51	548.59	17.91	31.624		
3,600.00	3,569.99	3,525.75	3,421.27	9.36	12.69	32.89	-391.75	-873.22	581.03	562.61	18.41	31.553		
3,700.00	3,669.02	3,624.69	3,516.44	9.63	13.12	32.79	-404.56	-897.01	595.55	576.62	18.93	31.465		
3,800.00	3,768.05	3,723.62	3,611.62	9.90	13.56	32.70	-417.37	-920.80	610.07	590.62	19.45	31.362		
3,900.00	3,867.07	3,822.56	3,706.79	10.18	14.00	32.61	-430.18	-944.59	624.59	604.60	19.99	31.248		
4,000.00	3,966.10	3,921.49	3,801.96	10.46	14.46	32.52	-442.99	-968.38	639.12	618.58	20.53	31.126		
4,100.00	4,065.13	4,020.43	3,897.14	10.75	14.91	32.44	-455.80	-992.17	653.64	632.56	21.09	30.996		
4,200.00	4,164.15	4,119.36	3,992.31	11.04	15.38	32.36	-468.61	-1,015.97	668.17	646.52	21.65	30.861		
4,300.00	4,263.18	4,218.30	4,087.49	11.33	15.84	32.29	-481.42	-1,039.76	682.70	660.48	22.22	30.723		
4,400.00	4,362.21	4,317.23	4,182.66	11.63	16.32	32.22	-494.23	-1,063.55	697.23	674.43	22.80	30.582		
4,500.00	4,461.23	4,416.17	4,277.83	11.93	16.79	32.15	-507.04	-1,087.34	711.76	688.38	23.38	30.439		
4,600.00	4,560.26	4,515.10	4,373.01	12.24	17.27	32.08	-519.85	-1,111.13	726.29	702.32	23.97	30.296		
4,700.00	4,659.29	4,614.04	4,468.18	12.54	17.75	32.02	-532.66	-1,134.92	740.83	716.26	24.57	30.153		
4,800.00	4,758.31	4,712.97	4,563.35	12.85	18.23	31.96	-545.47	-1,158.71	755.36	730.19	25.17	30.010		
4,900.00	4,857.34	4,811.91	4,658.53	13.16	18.72	31.90	-558.28	-1,182.51	769.89	744.12	25.78	29.869		
5,000.00	4,956.37	4,910.84	4,753.70	13.48	19.21	31.84	-571.09	-1,206.30	784.43	758.04	26.39	29.729		
5,100.00	5,055.39	5,009.78	4,848.87	13.80	19.70	31.79	-583.90	-1,230.09	798.96	771.96	27.00	29.591		
5,200.00	5,154.42	5,108.71	4,944.05	14.11	20.20	31.74	-596.71	-1,253.88	813.50	785.88	27.62	29.455		
5,300.00	5,253.45	5,207.65	5,039.22	14.43	20.69	31.68	-609.52	-1,277.67	828.04	799.80	28.24	29.321		
5,400.00	5,352.48	5,306.58	5,134.39	14.76	21.19	31.64	-622.33	-1,301.46	842.58	813.71	28.87	29.190		
5,500.00	5,451.50	5,405.52	5,229.57	15.08	21.69	31.59	-635.14	-1,325.26	857.11	827.62	29.49	29.061		
5,600.00	5,550.53	5,504.45	5,324.74	15.41	22.19	31.54	-647.95	-1,349.05	871.65	841.53	30.13	28.934		
5,700.00	5,649.56	5,603.39	5,419.92	15.73	22.69	31.50	-660.76	-1,372.84	886.19	855.43	30.76	28.810		
5,800.00	5,748.58	5,702.32	5,515.09	16.06	23.20	31.46	-673.57	-1,396.63	900.73	869.34	31.40	28.689		
5,900.00	5,847.61	5,801.26	5,610.26	16.39	23.70	31.41	-686.38	-1,420.42	915.27	883.24	32.04	28.571		
6,000.00	5,946.64	5,900.19	5,705.44	16.72	24.21	31.37	-699.20	-1,444.21	929.81	897.14	32.68	28.455		
6,100.00	6,045.66	6,000.87	5,800.61	17.05	24.73	31.34	-712.01	-1,468.01	944.36	911.03	33.33	28.336		
6,200.00	6,144.69	7,928.49	6,996.83	17.38	37.55	-63.26	-872.09	-599.91	910.03	877.68	32.35	28.132		
6,300.00	6,243.72	7,920.22	6,996.67	17.72	37.38	-61.44	-872.08	-608.17	814.37	781.21	33.16	24.560		
6,400.00	6,342.74	7,911.95	6,996.52	18.05	37.21	-59.60	-872.06	-616.44	719.79	685.61	34.18	21.057		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,441.77	7,903.68	6,996.36	18.39	37.04	-57.73	-872.05	-624.71	626.80	591.27	35.52	17.645	
6,600.00	6,540.80	7,904.59	6,996.21	18.72	37.07	-55.84	-872.03	-632.97	536.20	498.74	37.46	14.314	
6,700.00	6,639.57	7,885.17	6,996.02	19.07	36.69	-75.94	-872.02	-643.22	449.63	409.73	39.90	11.270	
6,800.00	6,735.67	7,861.38	6,995.57	19.49	36.24	-93.76	-871.97	-667.00	371.36	328.12	43.24	8.588	
6,900.00	6,826.60	7,822.71	6,994.84	20.02	35.52	-98.20	-871.91	-705.66	307.05	259.73	47.32	6.489	
7,000.00	6,910.10	7,770.11	6,993.86	20.68	34.58	-95.26	-871.82	-758.25	262.74	211.48	51.26	5.125	
7,100.00	6,984.13	7,704.87	6,992.63	21.49	33.47	-87.20	-871.70	-823.48	242.14	188.84	53.30	4.543	
7,146.41	7,014.75	7,670.74	6,991.99	21.95	32.95	-82.35	-871.64	-857.60	240.11	186.76	53.35	4.501 SF	
7,200.00	7,046.86	7,628.60	6,991.20	22.50	32.32	-76.40	-871.57	-899.73	242.35	189.64	52.71	4.598	
7,300.00	7,096.75	7,545.51	6,989.36	23.74	31.19	-66.02	-871.39	-982.80	254.58	203.73	50.86	5.006	
7,400.00	7,132.56	7,468.91	6,981.10	25.23	30.29	-57.53	-870.34	-1,058.91	272.95	223.64	49.31	5.535	
7,500.00	7,153.42	7,395.24	6,964.67	26.97	29.54	-50.28	-868.19	-1,130.65	294.89	246.72	48.16	6.123	
7,600.00	7,158.96	7,323.90	6,941.04	28.88	28.94	-44.47	-865.07	-1,197.85	318.06	270.53	47.54	6.691	
7,700.00	7,158.66	7,257.39	6,912.42	30.95	28.49	-40.45	-861.27	-1,257.74	347.14	300.15	46.99	7.388	
7,800.00	7,158.37	7,200.00	6,882.87	33.16	28.18	-36.76	-857.33	-1,306.75	385.70	339.29	46.42	8.309	
7,900.00	7,158.07	7,150.00	6,853.65	35.49	27.97	-33.53	-853.44	-1,347.12	433.24	387.38	45.87	9.446	
8,000.00	7,157.78	7,100.00	6,821.38	37.91	27.80	-30.39	-849.13	-1,385.05	488.64	443.45	45.19	10.814	
8,100.00	7,157.48	7,050.00	6,786.25	40.41	27.67	-27.40	-844.44	-1,420.30	550.92	506.44	44.48	12.385	
8,200.00	7,157.19	7,020.47	6,764.26	42.97	27.61	-25.73	-841.50	-1,439.78	618.70	574.36	44.34	13.953	
8,300.00	7,156.89	6,988.58	6,739.53	45.58	27.56	-24.01	-838.19	-1,459.64	691.21	647.11	44.10	15.674	
8,400.00	7,156.60	6,950.00	6,708.34	48.24	27.50	-22.06	-834.02	-1,481.96	767.69	723.96	43.72	17.558	
8,500.00	7,156.30	6,935.42	6,696.22	50.92	27.49	-21.36	-832.39	-1,489.89	847.01	803.20	43.82	19.331	
8,600.00	7,156.01	6,913.18	6,677.39	53.64	27.47	-20.33	-829.87	-1,501.44	929.10	885.36	43.74	21.242	
8,700.00	7,155.71	6,900.00	6,666.04	56.38	27.45	-19.74	-828.35	-1,507.97	1,013.41	969.62	43.79	23.144	
8,800.00	7,155.42	6,875.48	6,644.58	59.15	27.44	-18.68	-825.48	-1,519.48	1,099.42	1,055.76	43.67	25.178	
8,900.00	7,155.12	6,850.00	6,621.84	61.93	27.42	-17.65	-822.43	-1,530.55	1,187.14	1,143.59	43.55	27.262	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1									Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor	
1,800.00	1,787.51	1,808.35	1,790.42	6.35	5.72	-49.07	-1,324.02	-95.83	1,196.09	1,183.69	12.40	96.443		
1,900.00	1,886.54	1,909.01	1,889.68	6.39	5.74	-49.38	-1,323.83	-99.90	1,186.61	1,174.16	12.45	95.312		
2,000.00	1,985.56	2,009.66	1,988.94	6.44	5.77	-49.70	-1,323.65	-103.97	1,177.17	1,164.64	12.53	93.953		
2,100.00	2,084.59	2,089.68	2,088.20	6.52	5.81	-50.02	-1,323.47	-108.03	1,167.76	1,155.13	12.63	92.461		
2,200.00	2,183.62	2,189.02	2,187.45	6.61	5.86	-50.34	-1,323.28	-112.10	1,158.39	1,145.62	12.77	90.728		
2,300.00	2,282.64	2,288.36	2,286.71	6.72	5.93	-50.67	-1,323.10	-116.17	1,149.05	1,136.12	12.93	88.834		
2,400.00	2,381.67	2,387.70	2,385.97	6.85	6.01	-51.01	-1,322.91	-120.24	1,139.76	1,126.63	13.13	86.804		
2,500.00	2,480.70	2,487.04	2,485.23	6.99	6.10	-51.35	-1,322.73	-124.31	1,130.51	1,117.15	13.35	84.664		
2,600.00	2,579.72	2,586.38	2,584.49	7.15	6.20	-51.70	-1,322.54	-128.38	1,121.29	1,107.69	13.60	82.441		
2,700.00	2,678.75	2,685.73	2,683.74	7.33	6.32	-52.05	-1,322.36	-132.45	1,112.12	1,098.25	13.87	80.159		
2,800.00	2,777.78	2,785.07	2,783.00	7.51	6.44	-52.41	-1,322.17	-136.52	1,102.99	1,088.82	14.17	77.841		
2,900.00	2,876.80	2,884.41	2,882.26	7.71	6.58	-52.77	-1,321.99	-140.59	1,093.91	1,079.42	14.49	75.507		
3,000.00	2,975.83	2,983.75	2,981.52	7.92	6.72	-53.15	-1,321.80	-144.66	1,084.87	1,070.04	14.83	73.176		
3,100.00	3,074.86	3,083.09	3,080.77	8.14	6.87	-53.52	-1,321.62	-148.73	1,075.87	1,060.69	15.18	70.862		
3,200.00	3,173.89	3,182.43	3,180.03	8.37	7.03	-53.91	-1,321.43	-152.80	1,066.93	1,051.37	15.56	68.579		
3,300.00	3,272.91	3,281.77	3,279.29	8.60	7.20	-54.30	-1,321.25	-156.87	1,058.03	1,042.08	15.95	66.337		
3,400.00	3,371.94	3,381.12	3,378.55	8.85	7.37	-54.69	-1,321.06	-160.93	1,049.18	1,032.82	16.36	64.145		
3,500.00	3,470.97	3,480.46	3,477.81	9.10	7.55	-55.09	-1,320.88	-165.00	1,040.38	1,023.60	16.78	62.009		
3,600.00	3,569.99	3,579.80	3,577.06	9.36	7.74	-55.50	-1,320.69	-169.07	1,031.63	1,014.42	17.21	59.934		
3,700.00	3,669.02	3,679.14	3,676.32	9.63	7.93	-55.92	-1,320.51	-173.14	1,022.94	1,005.28	17.66	57.923		
3,800.00	3,768.05	3,778.48	3,775.58	9.90	8.13	-56.35	-1,320.32	-177.21	1,014.31	996.19	18.12	55.979		
3,900.00	3,867.07	3,877.82	3,874.84	10.18	8.33	-56.78	-1,320.14	-181.28	1,005.72	987.13	18.59	54.102		
4,000.00	3,966.10	3,977.16	3,974.10	10.46	8.53	-57.21	-1,319.95	-185.35	997.20	978.13	19.07	52.292		
4,100.00	4,065.13	4,076.51	4,073.35	10.75	8.74	-57.66	-1,319.77	-189.42	988.74	969.18	19.56	50.550		
4,200.00	4,164.15	4,175.85	4,172.61	11.04	8.96	-58.11	-1,319.58	-193.49	980.33	960.28	20.06	48.874		
4,300.00	4,263.18	4,275.19	4,271.87	11.33	9.18	-58.58	-1,319.40	-197.56	971.99	951.43	20.57	47.264		
4,400.00	4,362.21	4,374.53	4,371.13	11.63	9.40	-59.04	-1,319.22	-201.63	963.72	942.64	21.08	45.717		
4,500.00	4,461.23	4,473.87	4,470.38	11.93	9.62	-59.52	-1,319.03	-205.70	955.51	933.91	21.60	44.232		
4,600.00	4,560.26	4,573.21	4,569.64	12.24	9.85	-60.01	-1,318.85	-209.76	947.36	925.23	22.13	42.807		
4,700.00	4,659.29	4,672.55	4,668.90	12.54	10.08	-60.50	-1,318.66	-213.83	939.29	916.62	22.67	41.440		
4,800.00	4,758.31	4,771.89	4,768.16	12.85	10.31	-61.00	-1,318.48	-217.90	931.29	908.08	23.21	40.128		
4,900.00	4,857.34	4,871.24	4,867.42	13.16	10.55	-61.51	-1,318.29	-221.97	923.36	899.60	23.75	38.870		
5,000.00	4,956.37	4,970.58	4,966.67	13.48	10.78	-62.03	-1,318.11	-226.04	915.50	891.19	24.31	37.663		
5,100.00	5,055.39	5,069.92	5,065.93	13.80	11.02	-62.56	-1,317.92	-230.11	907.72	882.86	24.87	36.506		
5,200.00	5,154.42	5,169.26	5,165.19	14.11	11.26	-63.10	-1,317.74	-234.18	900.02	874.60	25.43	35.395		
5,300.00	5,253.45	5,268.60	5,264.45	14.43	11.51	-63.65	-1,317.55	-238.25	892.40	866.41	25.99	34.330		
5,400.00	5,352.48	5,367.94	5,363.70	14.76	11.75	-64.20	-1,317.37	-242.32	884.87	858.30	26.57	33.308		
5,500.00	5,451.50	5,467.28	5,462.96	15.08	12.00	-64.77	-1,317.18	-246.39	877.41	850.27	27.14	32.327		
5,600.00	5,550.53	5,566.63	5,562.22	15.41	12.25	-65.34	-1,317.00	-250.46	870.05	842.33	27.72	31.385		
5,700.00	5,649.56	5,665.97	5,661.48	15.73	12.49	-65.93	-1,316.81	-254.53	862.77	834.47	28.30	30.482		
5,800.00	5,748.58	5,765.31	5,760.74	16.06	12.74	-66.52	-1,316.63	-258.59	855.59	826.70	28.89	29.614		
5,900.00	5,847.61	5,864.65	5,859.99	16.39	13.00	-67.13	-1,316.44	-262.66	848.50	819.02	29.48	28.781		
6,000.00	5,946.64	5,963.99	5,959.25	16.72	13.25	-67.74	-1,316.26	-266.73	841.51	811.43	30.07	27.981		
6,100.00	6,045.66	6,063.33	6,058.51	17.05	13.50	-68.37	-1,316.07	-270.80	834.61	803.94	30.67	27.212		
6,200.00	6,144.69	6,162.67	6,157.77	17.38	13.76	-69.00	-1,315.89	-274.87	827.82	796.55	31.27	26.473		
6,300.00	6,243.72	6,262.02	6,257.03	17.72	14.01	-69.65	-1,315.70	-278.94	821.13	789.26	31.87	25.764		
6,400.00	6,342.74	6,361.36	6,356.28	18.05	14.27	-70.30	-1,315.52	-283.01	814.55	782.07	32.48	25.082		
6,500.00	6,441.77	6,460.00	6,444.85	18.39	14.50	-70.90	-1,315.35	-286.55	808.18	775.12	33.05	24.450		
6,600.00	6,540.80	6,518.39	6,513.18	18.72	14.62	-71.67	-1,315.21	-284.55	804.83	771.29	33.53	24.000		
6,613.45	6,554.11	6,526.95	6,521.71	18.77	14.63	-74.61	-1,315.19	-283.79	804.75	771.15	33.60	23.953 CC, ES		
6,700.00	6,639.57	6,580.49	6,574.72	19.07	14.72	-87.86	-1,315.07	-276.40	807.02	773.03	33.99	23.741 SF		
6,800.00	6,735.67	6,635.26	6,628.11	19.49	14.82	-100.37	-1,314.93	-264.26	820.71	786.21	34.51	23.784		
6,900.00	6,826.60	6,679.41	6,670.26	20.02	14.89	-104.75	-1,314.80	-251.16	847.88	812.81	35.08	24.173		
7,000.00	6,910.10	6,711.96	6,700.71	20.68	14.95	-105.30	-1,314.71	-239.65	888.83	853.16	35.67	24.916		
7,100.00	6,984.13	6,733.49	6,720.50	21.49	14.99	-102.79	-1,314.65	-231.19	942.53	906.24	36.29	25.974		
7,200.00	7,046.86	6,750.00	6,735.48	22.50	15.02	-97.66	-1,314.60	-224.25	1,006.87	969.92	36.95	27.253		
7,300.00	7,096.75	6,750.00	6,735.48	23.74	15.02	-88.98	-1,314.60	-224.25	1,079.01	1,041.45	37.56	28.728		
7,400.00	7,132.56	6,750.00	6,735.48	25.23	15.02	-78.43	-1,314.60	-224.25	1,156.15	1,117.94	38.21	30.256		

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)	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	-65.63	81.24	-179.31	196.86					
100.00	100.00	103.00	103.00	3.28	3.28	-65.63	81.24	-179.31	196.86	189.33	7.53	26.152		
200.00	200.00	203.00	203.00	3.30	3.30	-65.63	81.24	-179.31	196.86	189.29	7.57	26.007		
259.76	259.76	261.98	261.98	3.32	3.33	67.65	81.24	-179.34	196.77	189.15	7.61	25.841	CC, ES	
300.00	300.00	299.75	299.75	3.34	3.34	67.64	81.28	-179.74	197.13	189.48	7.65	25.767		
400.00	399.93	393.57	393.51	3.40	3.40	68.19	81.62	-182.89	199.01	191.26	7.76	25.657		
500.00	499.68	487.22	486.95	3.48	3.48	69.26	82.27	-189.08	202.75	194.85	7.90	25.659		
600.00	599.13	580.61	579.88	3.59	3.58	70.79	83.23	-198.27	208.44	200.35	8.09	25.764		
700.00	698.21	673.66	672.12	3.73	3.71	72.67	84.51	-210.41	216.38	208.05	8.33	25.979		
800.00	797.24	766.34	763.55	3.90	3.87	74.25	86.09	-225.47	227.35	218.74	8.62	26.383		
900.00	896.27	858.49	853.93	4.09	4.06	75.36	87.97	-243.34	241.35	232.40	8.95	26.966		
1,000.00	995.30	951.52	944.55	4.31	4.30	76.05	90.17	-264.23	258.17	248.84	9.33	27.665		
1,100.00	1,094.32	1,049.91	1,040.18	4.54	4.58	76.60	92.58	-287.24	275.87	266.08	9.79	28.175		
1,200.00	1,193.35	1,148.30	1,135.81	4.79	4.90	77.09	95.00	-310.25	293.59	283.31	10.29	28.540		
1,300.00	1,292.38	1,246.68	1,231.44	5.05	5.24	77.51	97.42	-333.26	311.34	300.52	10.81	28.793		
1,400.00	1,391.40	1,345.07	1,327.07	5.32	5.60	77.90	99.84	-356.27	329.09	317.72	11.37	28.948		
1,500.00	1,490.43	1,443.46	1,422.70	5.60	5.97	78.24	102.26	-379.27	346.86	334.92	11.94	29.053		
1,600.00	1,589.46	1,541.85	1,518.33	5.89	6.36	78.55	104.68	-402.28	364.64	352.10	12.53	29.092		
1,700.00	1,688.48	1,640.24	1,613.96	6.19	6.76	78.83	107.09	-425.29	382.43	369.28	13.15	29.093		
1,800.00	1,787.51	1,738.63	1,709.59	6.35	7.09	79.09	109.51	-448.30	400.22	386.86	13.36	29.954		
1,900.00	1,886.54	1,837.02	1,805.22	6.39	7.25	79.32	111.93	-471.31	418.03	404.68	13.35	31.312		
2,000.00	1,985.56	1,935.40	1,900.85	6.44	7.33	79.54	114.35	-494.32	435.84	422.39	13.45	32.397		
2,100.00	2,084.59	2,033.79	1,996.48	6.52	7.44	79.74	116.77	-517.33	453.65	440.06	13.60	33.365		
2,200.00	2,183.62	2,132.18	2,092.11	6.61	7.57	79.92	119.19	-540.33	471.47	457.69	13.78	34.214		
2,300.00	2,282.64	2,230.57	2,187.74	6.72	7.73	80.09	121.61	-563.34	489.30	475.30	14.00	34.945		
2,400.00	2,381.67	2,328.96	2,283.37	6.85	7.91	80.25	124.02	-586.35	507.13	492.87	14.26	35.562		
2,500.00	2,480.70	2,427.35	2,379.00	6.99	8.12	80.40	126.44	-609.36	524.96	510.41	14.55	36.071		
2,600.00	2,579.72	2,525.74	2,474.63	7.15	8.34	80.54	128.86	-632.37	542.80	527.92	14.88	36.480		
2,700.00	2,678.75	2,624.12	2,570.26	7.33	8.59	80.66	131.28	-655.38	560.63	545.40	15.24	36.798		
2,800.00	2,777.78	2,722.51	2,665.88	7.51	8.86	80.79	133.70	-678.39	578.48	562.86	15.62	37.034		
2,900.00	2,876.80	2,820.90	2,761.51	7.71	9.14	80.90	136.12	-701.39	596.32	580.29	16.03	37.198		
3,000.00	2,975.83	2,919.29	2,857.14	7.92	9.43	81.01	138.53	-724.40	614.16	597.70	16.47	37.298		
3,100.00	3,074.86	3,017.68	2,952.77	8.14	9.74	81.11	140.95	-747.41	632.01	615.09	16.92	37.344		
3,200.00	3,173.89	3,116.07	3,048.40	8.37	10.07	81.20	143.37	-770.42	649.86	632.46	17.40	37.344		
3,300.00	3,272.91	3,214.46	3,144.03	8.60	10.40	81.29	145.79	-793.43	667.71	649.81	17.90	37.303		
3,400.00	3,371.94	3,312.84	3,239.66	8.85	10.74	81.38	148.21	-816.44	685.56	667.15	18.41	37.230		
3,500.00	3,470.97	3,411.23	3,335.29	9.10	11.10	81.46	150.63	-839.45	703.42	684.47	18.94	37.130		
3,600.00	3,569.99	3,509.62	3,430.92	9.36	11.46	81.54	153.05	-862.45	721.27	701.78	19.49	37.008		
3,700.00	3,669.02	3,608.01	3,526.55	9.63	11.83	81.61	155.46	-885.46	739.13	719.08	20.05	36.867		
3,800.00	3,768.05	3,706.40	3,622.18	9.90	12.20	81.68	157.88	-908.47	756.99	736.37	20.62	36.713		
3,900.00	3,867.07	3,804.79	3,717.81	10.18	12.58	81.75	160.30	-931.48	774.84	753.64	21.20	36.547		
4,000.00	3,966.10	3,903.17	3,813.44	10.46	12.97	81.81	162.72	-954.49	792.70	770.91	21.79	36.373		
4,100.00	4,065.13	4,001.56	3,909.07	10.75	13.36	81.87	165.14	-977.50	810.56	788.17	22.40	36.193		
4,200.00	4,164.15	4,100.05	4,004.70	11.04	13.76	81.93	167.56	-1,000.50	828.43	805.42	23.01	36.007		
4,300.00	4,263.18	4,201.66	4,100.33	11.33	14.18	81.99	169.97	-1,023.51	846.29	822.65	23.64	35.804		
4,400.00	4,362.21	4,303.27	4,195.96	11.63	14.60	82.04	172.39	-1,046.52	864.15	839.88	24.27	35.600		
4,500.00	4,461.23	4,404.88	4,291.59	11.93	15.02	82.09	174.81	-1,069.53	882.01	857.09	24.92	35.396		
4,600.00	4,560.26	4,506.49	4,387.22	12.24	15.45	82.14	177.23	-1,092.54	899.88	874.31	25.57	35.193		
4,700.00	4,659.29	4,608.11	4,482.85	12.54	15.88	82.19	179.65	-1,115.55	917.74	891.52	26.23	34.992		
4,800.00	4,758.31	4,709.72	4,578.48	12.85	16.31	82.24	182.07	-1,138.56	935.61	908.72	26.89	34.794		
4,900.00	4,857.34	4,788.67	4,674.11	13.16	16.65	82.28	184.49	-1,161.56	953.47	926.00	27.48	34.699		
5,000.00	4,956.37	4,887.06	4,769.74	13.48	17.07	82.32	186.90	-1,184.57	971.34	943.20	28.14	34.519		
5,100.00	5,055.39	4,985.45	4,865.37	13.80	17.50	82.36	189.32	-1,207.58	989.21	960.40	28.80	34.342		
5,200.00	5,154.42	5,083.84	4,961.00	14.11	17.93	82.40	191.74	-1,230.59	1,007.07	977.60	29.47	34.168		
5,300.00	5,253.45	5,182.23	5,056.63	14.43	18.36	82.44	194.16	-1,253.60	1,024.94	994.79	30.15	33.998		
5,400.00	5,352.48	5,280.61	5,152.26	14.76	18.79	82.48	196.58	-1,276.61	1,042.81	1,011.99	30.82	33.831		
5,500.00	5,451.50	5,379.00	5,247.89	15.08	19.23	82.51	199.00	-1,299.62	1,060.68	1,029.17	31.50	33.667		
5,600.00	5,550.53	5,477.39	5,343.52	15.41	19.66	82.55	201.41	-1,322.62	1,078.55	1,046.36	32.19	33.508		
5,700.00	5,649.56	5,575.78	5,439.15	15.73	20.10	82.58	203.83	-1,345.63	1,096.42	1,063.54	32.87	33.352		
5,800.00	5,748.58	5,674.17	5,534.78	16.06	20.54	82.61	206.25	-1,368.64	1,114.29	1,080.72	33.56	33.199		
5,900.00	5,847.61	5,772.56	5,630.41	16.39	20.98	82.64	208.67	-1,391.65	1,132.16	1,097.90	34.26	33.050		
6,000.00	5,946.64	5,870.95	5,726.04	16.72	21.42	82.67	211.09	-1,414.66	1,150.03	1,115.08	34.95	32.905		
6,100.00	6,045.66	5,969.33	5,821.67	17.05	21.86	82.70	213.51	-1,437.67	1,167.90	1,132.25	35.65	32.763		
6,200.00	6,144.69	6,067.72	5,917.30	17.38	22.30	82.73	215.93	-1,460.68	1,185.77	1,149.42	36.35	32.625		
6,400.00	6,342.74	6,259.78	6,174.03	18.05	23.00	82.76	221.39	-1,499.72	1,224.21	1,187.86	37.44	32.399		
6,500.00	6,441.77	6,358.81	6,273.06	18.39	23.44	82.79	223.81	-1,522.73	1,242.08	1,205.73	38.08	32.276		



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	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)				
6,600.00	6,540.80	8,013.53	7,173.70	18.72	36.38	136.29	246.06	-635.96	1,043.63	996.78	46.85	22.275			
6,700.00	6,639.57	8,003.43	7,173.50	19.07	36.17	122.84	246.07	-646.06	995.07	946.41	48.66	20.449			
6,800.00	6,735.67	7,979.78	7,173.02	19.49	35.70	113.40	246.10	-669.70	955.39	905.18	50.21	19.029			
6,900.00	6,826.60	7,941.25	7,172.24	20.02	34.93	109.24	246.13	-708.23	925.68	874.32	51.36	18.022			
7,000.00	6,910.10	7,888.77	7,171.17	20.68	33.91	105.81	246.18	-760.70	905.86	853.77	52.09	17.389			
7,100.00	6,984.13	7,823.64	7,169.85	21.49	32.72	102.24	246.24	-825.82	894.76	842.26	52.50	17.044			
7,200.00	7,046.86	7,747.46	7,168.30	22.50	31.42	98.59	246.32	-901.98	890.41	837.68	52.73	16.888			
7,245.81	7,071.39	7,709.38	7,167.53	23.06	30.79	96.96	246.35	-940.06	890.03	837.19	52.84	16.844			
7,300.00	7,096.75	7,658.72	7,166.04	23.74	30.01	95.04	246.39	-990.68	890.41	837.50	52.91	16.830			
7,400.00	7,132.56	7,561.25	7,152.93	25.23	28.65	91.51	246.20	-1,087.18	892.00	838.73	53.27	16.743			
7,500.00	7,153.42	7,470.80	7,127.73	26.97	27.55	88.36	245.70	-1,173.96	894.43	840.46	53.97	16.573			
7,600.00	7,158.96	7,385.89	7,093.11	28.88	26.71	85.59	244.95	-1,251.43	897.45	842.54	54.91	16.344			
7,700.00	7,158.66	7,309.67	7,053.51	30.95	26.12	83.09	244.05	-1,316.49	902.77	846.76	56.01	16.117			
7,800.00	7,158.37	7,244.21	7,013.50	33.16	25.72	80.58	243.13	-1,368.25	912.63	855.49	57.14	15.971			
7,900.00	7,158.07	7,188.50	6,975.41	35.49	25.47	78.22	242.24	-1,408.87	928.21	870.04	58.17	15.957 SF			
8,000.00	7,157.78	7,141.20	6,940.39	37.91	25.30	76.08	241.41	-1,440.64	950.27	891.27	59.00	16.106			
8,100.00	7,157.48	7,100.00	6,908.04	40.41	25.18	74.13	240.64	-1,466.12	979.19	919.59	59.59	16.431			
8,200.00	7,157.19	7,066.54	6,880.59	42.97	25.11	72.51	239.99	-1,485.25	1,014.96	955.00	59.96	16.927			
8,300.00	7,156.89	7,036.96	6,855.52	45.58	25.05	71.04	239.38	-1,500.93	1,057.33	997.22	60.11	17.591			
8,400.00	7,156.60	7,011.35	6,833.25	48.24	25.02	69.77	238.85	-1,513.55	1,105.86	1,045.78	60.07	18.409			
8,500.00	7,156.30	7,000.00	6,823.22	50.92	25.00	69.19	238.60	-1,518.86	1,160.11	1,100.19	59.92	19.360			

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
0.00	0.00	3.00	3.00	3.28	3.28	-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				
271.52	271.52	273.11	273.11	3.33	3.33	56.30	41.52	-179.96	184.45	176.82	7.62	24.192	CC, ES			
300.00	300.00	299.95	299.94	3.34	3.34	56.26	41.48	-180.30	184.80	177.15	7.65	24.156				
400.00	399.93	394.15	394.09	3.40	3.40	56.77	41.18	-183.48	186.08	178.32	7.75	23.995				
500.00	499.68	488.26	487.98	3.48	3.48	57.77	40.58	-189.73	188.60	180.70	7.90	23.879				
600.00	599.13	582.21	581.46	3.59	3.58	59.23	39.68	-199.02	192.44	184.35	8.08	23.805				
700.00	698.21	675.95	674.39	3.73	3.71	61.01	38.50	-211.33	197.94	189.62	8.32	23.797				
800.00	797.24	769.45	766.61	3.90	3.87	62.48	37.03	-226.62	206.39	197.79	8.60	23.993				
900.00	896.27	862.52	857.86	4.09	4.07	63.47	35.27	-244.80	217.88	208.95	8.93	24.395				
1,000.00	995.30	954.96	947.87	4.31	4.31	64.02	33.26	-265.78	232.29	222.99	9.30	24.976				
1,100.00	1,094.32	1,052.61	1,042.46	4.54	4.61	64.31	30.93	-289.88	248.54	238.79	9.75	25.488				
1,200.00	1,193.35	1,151.27	1,138.03	4.79	4.94	64.57	28.59	-314.27	264.82	254.57	10.25	25.847				
1,300.00	1,292.38	1,249.93	1,233.60	5.05	5.30	64.80	26.24	-338.66	281.11	270.33	10.77	26.096				
1,400.00	1,391.40	1,348.58	1,329.17	5.32	5.68	65.00	23.89	-363.05	297.39	286.07	11.33	26.254				
1,500.00	1,490.43	1,447.24	1,424.74	5.60	6.07	65.19	21.54	-387.44	313.69	301.79	11.90	26.366				
1,600.00	1,589.46	1,545.90	1,520.30	5.89	6.48	65.35	19.19	-411.83	329.98	317.49	12.49	26.412				
1,700.00	1,688.48	1,644.56	1,615.87	6.19	6.90	65.50	16.85	-436.22	346.28	333.18	13.11	26.423				
1,800.00	1,787.51	1,743.22	1,711.44	6.35	7.25	65.64	14.50	-460.61	362.58	349.27	13.31	27.234				
1,900.00	1,886.54	1,841.88	1,807.01	6.39	7.41	65.76	12.15	-485.00	378.89	365.59	13.29	28.501				
2,000.00	1,985.56	1,940.54	1,902.58	6.44	7.50	65.87	9.80	-509.38	395.19	381.80	13.39	29.506				
2,100.00	2,084.59	2,039.20	1,998.14	6.52	7.61	65.98	7.45	-533.77	411.49	397.96	13.54	30.402				
2,200.00	2,183.62	2,137.86	2,093.71	6.61	7.76	66.08	5.10	-558.16	427.80	414.08	13.72	31.187				
2,300.00	2,282.64	2,236.52	2,189.28	6.72	7.93	66.16	2.76	-582.55	444.11	430.17	13.94	31.864				
2,400.00	2,381.67	2,335.18	2,284.85	6.85	8.13	66.25	0.41	-606.94	460.42	446.22	14.20	32.434				
2,500.00	2,480.70	2,433.83	2,380.42	6.99	8.35	66.33	-1.94	-631.33	476.73	462.24	14.49	32.905				
2,600.00	2,579.72	2,532.49	2,475.98	7.15	8.60	66.40	-4.29	-655.72	493.04	478.22	14.81	33.283				
2,700.00	2,678.75	2,631.15	2,571.55	7.33	8.87	66.47	-6.64	-680.11	509.35	494.18	15.17	33.576				
2,800.00	2,777.78	2,729.81	2,667.12	7.51	9.15	66.53	-8.99	-704.50	525.66	510.11	15.55	33.794				
2,900.00	2,876.80	2,828.47	2,762.69	7.71	9.46	66.59	-11.33	-728.89	541.97	526.01	15.97	33.945				
3,000.00	2,975.83	2,927.13	2,858.26	7.92	9.78	66.65	-13.68	-753.28	558.29	541.88	16.40	34.038				
3,100.00	3,074.86	3,025.79	2,953.82	8.14	10.11	66.70	-16.03	-777.67	574.60	557.74	16.86	34.081				
3,200.00	3,173.89	3,124.45	3,049.39	8.37	10.46	66.75	-18.38	-802.06	590.91	573.57	17.34	34.080				
3,300.00	3,272.91	3,223.11	3,144.96	8.60	10.81	66.80	-20.73	-826.45	607.23	589.39	17.84	34.044				
3,400.00	3,371.94	3,321.77	3,240.53	8.85	11.18	66.84	-23.08	-850.84	623.54	605.19	18.35	33.977				
3,500.00	3,470.97	3,420.42	3,336.10	9.10	11.56	66.88	-25.42	-875.23	639.86	620.97	18.88	33.885				
3,600.00	3,569.99	3,519.08	3,431.67	9.36	11.94	66.93	-27.77	-899.61	656.17	636.74	19.43	33.773				
3,700.00	3,669.02	3,617.74	3,527.23	9.63	12.34	66.96	-30.12	-924.00	672.49	652.50	19.99	33.645				
3,800.00	3,768.05	3,716.40	3,622.80	9.90	12.74	67.00	-32.47	-948.39	688.80	668.24	20.56	33.504				
3,900.00	3,867.07	3,815.06	3,718.37	10.18	13.15	67.04	-34.82	-972.78	705.12	683.98	21.14	33.352				
4,000.00	3,966.10	3,913.72	3,813.94	10.46	13.56	67.07	-37.16	-997.17	721.43	699.70	21.73	33.193				
4,100.00	4,065.13	4,012.38	3,909.51	10.75	13.98	67.10	-39.51	-1,021.56	737.75	715.41	22.34	33.028				
4,200.00	4,164.15	4,111.04	4,005.07	11.04	14.40	67.13	-41.86	-1,045.95	754.07	731.12	22.95	32.860				
4,300.00	4,263.18	4,209.70	4,100.64	11.33	14.83	67.16	-44.21	-1,070.34	770.39	746.82	23.57	32.689				
4,400.00	4,362.21	4,308.36	4,196.21	11.63	15.26	67.19	-46.56	-1,094.73	786.70	762.51	24.19	32.517				
4,500.00	4,461.23	4,407.02	4,291.78	11.93	15.69	67.22	-48.91	-1,119.12	803.02	778.19	24.83	32.345				
4,600.00	4,560.26	4,505.67	4,387.35	12.24	16.13	67.24	-51.25	-1,143.51	819.34	793.87	25.47	32.173				
4,700.00	4,659.29	4,604.33	4,482.91	12.54	16.57	67.27	-53.60	-1,167.90	835.65	809.54	26.11	32.002				
4,800.00	4,758.31	4,702.99	4,578.48	12.85	17.02	67.29	-55.95	-1,192.29	851.97	825.21	26.76	31.833				
4,900.00	4,857.34	4,801.65	4,674.05	13.16	17.46	67.31	-58.30	-1,216.68	868.29	840.87	27.42	31.667				
5,000.00	4,956.37	4,900.31	4,769.62	13.48	17.91	67.34	-60.65	-1,241.07	884.61	856.53	28.08	31.503				
5,100.00	5,055.39	5,001.03	4,865.19	13.80	18.38	67.36	-63.00	-1,265.46	900.93	872.17	28.75	31.333				
5,200.00	5,154.42	5,102.37	4,960.75	14.11	18.84	67.38	-65.34	-1,289.84	917.25	887.81	29.43	31.165				
5,300.00	5,253.45	5,196.29	5,056.32	14.43	19.28	67.40	-67.69	-1,314.23	933.56	903.48	30.09	31.028				
5,400.00	5,352.48	5,305.05	5,151.89	14.76	19.78	67.42	-70.04	-1,338.62	949.88	919.08	30.80	30.839				
5,500.00	5,451.50	5,406.39	5,247.46	15.08	20.25	67.44	-72.39	-1,363.01	966.20	934.71	31.49	30.682				
5,600.00	5,550.53	5,507.74	5,343.03	15.41	20.73	67.45	-74.74	-1,387.40	982.52	950.34	32.18	30.528				
5,700.00	5,649.56	5,590.92	5,438.59	15.73	21.12	67.47	-77.08	-1,411.79	998.84	966.03	32.81	30.440				
5,800.00	5,748.58	5,689.58	5,534.16	16.06	21.58	67.49	-79.43	-1,436.18	1,015.16	981.66	33.50	30.301				
5,900.00	5,847.61	5,788.24	5,629.73	16.39	22.05	67.50	-81.78	-1,460.57	1,031.48	997.28	34.19	30.166				
6,000.00	5,946.64	5,749.64	6,854.87	16.72	37.26	140.79	-107.29	-585.58	998.81	964.40	34.40	29.034				
6,100.00	6,045.66	5,741.77	6,854.69	17.05	37.09	139.92	-107.31	-593.45	914.24	878.33	35.91	25.458				
6,200.00	6,144.69	5,733.90	6,854.50	17.38	36.92	139.04	-107.34	-601.31	833.03	795.31	37.73	22.080				
6,300.00	6,243.72	5,726.03	6,854.32	17.72	36.76	138.16	-107.37	-609.18	756.26	716.36	39.90	18.954				
6,400.00	6,342.74	5,718.16	6,854.14	18.05	36.59	137.28	-107.39	-617.05	685.41	642.95	42.46	16.143				

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									
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	6,441.77	7,710.30	6,853.95	18.39	36.42	136.39	-107.42	-624.91	622.51	577.14	45.37	13.722				
6,600.00	6,540.80	7,702.43	6,853.77	18.72	36.25	135.50	-107.44	-632.78	570.20	521.74	48.46	11.767				
6,700.00	6,639.57	7,707.42	6,853.54	19.07	36.36	120.89	-107.48	-642.62	531.68	480.06	51.61	10.301				
6,800.00	6,735.67	7,669.19	6,853.00	19.49	35.57	108.45	-107.56	-666.01	510.25	457.01	53.24	9.584				
6,871.09	6,800.98	7,643.44	6,852.40	19.86	35.05	102.46	-107.64	-691.75	505.93	452.15	53.78	9.407 SF				
6,900.00	6,826.60	7,630.89	6,852.11	20.02	34.80	100.10	-107.68	-704.30	506.60	452.82	53.78	9.420				
7,000.00	6,910.10	7,578.63	6,850.89	20.68	33.77	91.65	-107.86	-756.54	518.02	464.94	53.08	9.760				
7,100.00	6,984.13	7,513.69	6,849.38	21.49	32.55	82.93	-108.07	-821.46	539.47	487.80	51.67	10.440				
7,200.00	7,046.86	7,437.68	6,847.61	22.50	31.23	74.74	-108.32	-897.45	565.29	515.13	50.16	11.270				
7,300.00	7,096.75	7,357.28	6,845.63	23.74	29.93	68.12	-108.59	-977.82	590.50	541.58	48.92	12.070				
7,400.00	7,132.56	7,300.00	6,840.69	25.23	29.08	63.69	-108.69	-1,034.87	614.21	566.16	48.05	12.784				
7,500.00	7,153.42	7,234.96	6,828.90	26.97	28.19	59.82	-108.66	-1,098.81	636.12	588.69	47.43	13.411				
7,600.00	7,158.96	7,175.06	6,812.33	28.88	27.45	57.06	-108.49	-1,156.35	655.40	608.32	47.09	13.919				
7,700.00	7,158.66	7,117.81	6,791.51	30.95	26.82	55.57	-108.21	-1,209.65	677.38	630.56	46.81	14.470				
7,800.00	7,158.37	7,064.76	6,768.00	33.16	26.32	53.96	-107.84	-1,257.20	705.71	659.23	46.47	15.185				
7,900.00	7,158.07	7,016.10	6,743.04	35.49	25.93	52.31	-107.41	-1,298.94	740.45	694.37	46.08	16.069				
8,000.00	7,157.78	6,971.82	6,717.61	37.91	25.62	50.71	-106.95	-1,335.18	781.47	735.82	45.65	17.120				
8,100.00	7,157.48	6,931.72	6,692.46	40.41	25.39	49.20	-106.48	-1,366.40	828.48	783.28	45.20	18.329				
8,200.00	7,157.19	6,900.00	6,671.20	42.97	25.23	47.97	-106.07	-1,389.94	881.08	836.32	44.76	19.683				
8,300.00	7,156.89	6,862.85	6,644.86	45.58	25.08	46.52	-105.55	-1,416.11	938.70	894.35	44.35	21.164				
8,400.00	7,156.60	6,833.40	6,622.91	48.24	24.97	45.36	-105.11	-1,435.75	1,000.90	956.92	43.98	22.756				
8,500.00	7,156.30	6,800.00	6,596.96	50.92	24.87	44.05	-104.58	-1,456.76	1,067.20	1,023.55	43.65	24.448				
8,600.00	7,156.01	6,782.77	6,583.15	53.64	24.83	43.38	-104.29	-1,467.05	1,136.95	1,093.57	43.38	26.210				

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	3.00	3.28	3.28	-71.08	61.56	-179.59	189.85					
100.00	100.00	103.00	103.00	3.28	3.28	-71.08	61.56	-179.59	189.85	182.32	7.53	25.221		
200.00	200.00	203.00	203.00	3.30	3.30	-71.08	61.56	-179.59	189.85	182.28	7.57	25.081		
263.86	263.86	265.87	265.87	3.33	3.33	62.21	61.56	-179.64	189.73	182.11	7.62	24.906	CC, ES	
300.00	300.00	299.89	299.89	3.34	3.34	62.18	61.55	-180.03	190.08	182.43	7.65	24.846		
400.00	399.93	394.00	393.93	3.40	3.40	62.69	61.48	-183.21	191.63	183.88	7.76	24.709		
500.00	499.68	487.98	487.70	3.48	3.48	63.70	61.34	-189.47	194.70	186.80	7.90	24.645		
600.00	599.13	581.76	581.02	3.59	3.58	65.15	61.13	-198.78	199.37	191.28	8.09	24.650		
700.00	698.21	675.30	673.74	3.73	3.71	66.92	60.85	-211.10	205.94	197.62	8.33	24.737		
800.00	797.24	768.54	765.72	3.90	3.87	68.37	60.50	-226.38	215.46	206.85	8.61	25.015		
900.00	896.27	861.32	856.69	4.09	4.07	69.33	60.09	-244.55	227.97	219.02	8.95	25.480		
1,000.00	995.30	953.71	946.65	4.31	4.30	69.85	59.61	-265.56	243.33	234.01	9.32	26.105		
1,100.00	1,094.32	1,052.30	1,042.31	4.54	4.60	70.18	59.07	-289.41	259.99	250.21	9.78	26.576		
1,200.00	1,193.35	1,150.89	1,137.98	4.79	4.93	70.48	58.53	-313.25	276.66	266.38	10.28	26.912		
1,300.00	1,292.38	1,249.48	1,233.64	5.05	5.28	70.73	57.99	-337.10	293.34	282.53	10.81	27.139		
1,400.00	1,391.40	1,348.07	1,329.30	5.32	5.65	70.96	57.45	-360.94	310.02	298.66	11.37	27.274		
1,500.00	1,490.43	1,446.66	1,424.96	5.60	6.03	71.17	56.91	-384.79	326.71	314.77	11.94	27.363		
1,600.00	1,589.46	1,545.25	1,520.63	5.89	6.43	71.36	56.37	-408.63	343.40	330.86	12.54	27.389		
1,700.00	1,688.48	1,643.84	1,616.29	6.19	6.84	71.53	55.83	-432.48	360.10	346.95	13.15	27.379		
1,800.00	1,787.51	1,742.44	1,711.95	6.35	7.18	71.68	55.29	-456.33	376.79	363.43	13.36	28.195		
1,900.00	1,886.54	1,841.03	1,807.62	6.39	7.34	71.82	54.74	-480.17	393.49	380.15	13.35	29.482		
2,000.00	1,985.56	1,939.62	1,903.28	6.44	7.42	71.95	54.20	-504.02	410.20	396.75	13.45	30.501		
2,100.00	2,084.59	2,038.21	1,998.94	6.52	7.53	72.07	53.66	-527.86	426.90	413.31	13.59	31.408		
2,200.00	2,183.62	2,136.80	2,094.60	6.61	7.67	72.18	53.12	-551.71	443.61	429.83	13.78	32.202		
2,300.00	2,282.64	2,235.39	2,190.27	6.72	7.84	72.28	52.58	-575.55	460.31	446.31	14.00	32.884		
2,400.00	2,381.67	2,333.98	2,285.93	6.85	8.03	72.38	52.04	-599.40	477.02	462.76	14.26	33.457		
2,500.00	2,480.70	2,432.57	2,381.59	6.99	8.25	72.47	51.50	-623.24	493.73	479.18	14.55	33.929		
2,600.00	2,579.72	2,531.17	2,477.25	7.15	8.49	72.55	50.96	-647.09	510.44	495.56	14.88	34.305		
2,700.00	2,678.75	2,629.76	2,572.92	7.33	8.74	72.63	50.42	-670.93	527.15	511.91	15.24	34.596		
2,800.00	2,777.78	2,728.35	2,668.58	7.51	9.02	72.70	49.88	-694.78	543.86	528.24	15.62	34.810		
2,900.00	2,876.80	2,826.94	2,764.24	7.71	9.31	72.77	49.33	-718.62	560.58	544.54	16.04	34.956		
3,000.00	2,975.83	2,925.53	2,859.90	7.92	9.62	72.84	48.79	-742.47	577.29	560.82	16.47	35.043		
3,100.00	3,074.86	3,024.12	2,955.57	8.14	9.95	72.90	48.25	-766.31	594.01	577.07	16.93	35.078		
3,200.00	3,173.89	3,122.71	3,051.23	8.37	10.28	72.96	47.71	-790.16	610.72	593.31	17.41	35.070		
3,300.00	3,272.91	3,221.31	3,146.89	8.60	10.63	73.01	47.17	-814.00	627.44	609.52	17.91	35.026		
3,400.00	3,371.94	3,319.90	3,242.56	8.85	10.98	73.06	46.63	-837.85	644.15	625.72	18.43	34.950		
3,500.00	3,470.97	3,418.49	3,338.22	9.10	11.35	73.11	46.09	-861.69	660.87	641.91	18.96	34.850		
3,600.00	3,569.99	3,517.08	3,433.88	9.36	11.73	73.16	45.55	-885.54	677.59	658.08	19.51	34.729		
3,700.00	3,669.02	3,615.67	3,529.54	9.63	12.11	73.20	45.01	-909.39	694.31	674.23	20.07	34.592		
3,800.00	3,768.05	3,714.26	3,625.21	9.90	12.50	73.24	44.47	-933.23	711.02	690.38	20.64	34.442		
3,900.00	3,867.07	3,812.85	3,720.87	10.18	12.89	73.29	43.93	-957.08	727.74	706.51	21.23	34.282		
4,000.00	3,966.10	3,911.44	3,816.53	10.46	13.29	73.32	43.38	-980.92	744.46	722.64	21.82	34.114		
4,100.00	4,065.13	4,010.04	3,912.19	10.75	13.70	73.36	42.84	-1,004.77	761.18	738.75	22.43	33.940		
4,200.00	4,164.15	4,108.63	4,007.86	11.04	14.11	73.40	42.30	-1,028.61	777.90	754.86	23.04	33.763		
4,300.00	4,263.18	4,207.22	4,103.52	11.33	14.53	73.43	41.76	-1,052.46	794.62	770.96	23.66	33.584		
4,400.00	4,362.21	4,305.81	4,199.18	11.63	14.95	73.46	41.22	-1,076.30	811.34	787.05	24.29	33.404		
4,500.00	4,461.23	4,404.40	4,294.85	11.93	15.37	73.49	40.68	-1,100.15	828.06	803.13	24.92	33.223		
4,600.00	4,560.26	4,502.99	4,390.51	12.24	15.80	73.52	40.14	-1,123.99	844.78	819.21	25.57	33.044		
4,700.00	4,659.29	4,601.58	4,486.17	12.54	16.23	73.55	39.60	-1,147.84	861.50	835.29	26.21	32.865		
4,800.00	4,758.31	4,700.17	4,581.83	12.85	16.66	73.58	39.06	-1,171.68	878.22	851.35	26.87	32.689		
4,900.00	4,857.34	4,798.77	4,677.50	13.16	17.10	73.61	38.52	-1,195.53	894.94	867.42	27.52	32.515		
5,000.00	4,956.37	4,902.64	4,773.16	13.48	17.56	73.63	37.97	-1,219.37	911.66	883.46	28.21	32.323		
5,100.00	5,055.39	5,004.05	4,868.82	13.80	18.01	73.66	37.43	-1,243.22	928.38	899.50	28.88	32.144		
5,200.00	5,154.42	5,105.46	4,964.48	14.11	18.47	73.68	36.89	-1,267.06	945.11	915.54	29.56	31.968		
5,300.00	5,253.45	5,206.87	5,060.15	14.43	18.92	73.70	36.35	-1,290.91	961.83	931.58	30.25	31.797		
5,400.00	5,352.48	5,291.72	5,155.81	14.76	19.31	73.73	35.81	-1,314.75	978.55	947.67	30.88	31.691		
5,500.00	5,451.50	5,409.69	5,251.47	15.08	19.84	73.75	35.27	-1,338.60	995.27	963.64	31.63	31.465		
5,600.00	5,550.53	5,488.91	5,347.14	15.41	20.21	73.77	34.73	-1,362.45	1,011.99	979.75	32.24	31.385		
5,700.00	5,649.56	5,587.50	5,442.80	15.73	20.66	73.79	34.19	-1,386.29	1,028.71	995.78	32.93	31.237		
5,800.00	5,748.58	5,686.09	5,538.46	16.06	21.11	73.81	33.65	-1,410.14	1,045.44	1,011.81	33.62	31.093		
5,900.00	5,847.61	5,784.68	5,634.12	16.39	21.56	73.83	33.11	-1,433.98	1,062.16	1,027.84	34.32	30.952		
6,000.00	5,946.64	5,883.27	5,729.79	16.72	22.02	73.85	32.57	-1,457.83	1,078.88	1,043.87	35.01	30.815		
6,100.00	6,045.66	7,869.75	6,984.05	17.05	37.23	139.61	24.04	-592.58	1,091.59	1,054.41	37.18	29.362		
6,200.00	6,144.69	7,861.74	6,983.88	17.38	37.06	138.91	24.05	-600.58	1,013.20	974.39	38.80	26.111		
6,300.00	6,243.72	7,853.74	6,983.71	17.72	36.89	138.22	24.06	-608.59	938.85	898.18	40.66	23.088		
6,400.00	6,342.74	7,845.74	6,983.54	18.05	36.72	137.52	24.07	-616.59	869.59	826.83	42.76	20.336		

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	6,441.77	7,837.73	6,983.37	18.39	36.55	136.82	24.08	-624.59	806.72	761.65	45.07	17.900	
6,600.00	6,540.80	7,829.73	6,983.19	18.72	36.38	136.11	24.09	-632.59	751.86	704.34	47.51	15.825	
6,700.00	6,639.57	7,819.75	6,982.98	19.07	36.17	122.16	24.10	-642.57	706.95	657.05	49.90	14.167	
6,800.00	6,735.67	7,796.23	6,982.47	19.49	35.68	111.39	24.13	-666.09	674.56	622.75	51.81	13.020	
6,900.00	6,826.60	7,757.80	6,981.65	20.02	34.92	105.31	24.19	-704.50	655.84	602.83	53.00	12.374	
7,000.00	6,910.10	7,705.43	6,980.52	20.68	33.88	99.51	24.26	-756.86	649.89	596.51	53.38	12.174	
7,003.26	6,912.68	7,703.50	6,980.48	20.70	33.84	99.32	24.26	-758.79	649.88	596.50	53.39	12.173 SF	
7,100.00	6,984.13	7,640.39	6,979.13	21.49	32.69	93.38	24.34	-821.88	654.05	600.87	53.18	12.300	
7,200.00	7,046.86	7,564.29	6,977.49	22.50	31.36	87.28	24.45	-897.96	664.58	611.92	52.67	12.619	
7,300.00	7,096.75	7,481.66	6,975.58	23.74	30.02	81.92	24.56	-980.57	677.60	625.40	52.20	12.981	
7,400.00	7,132.56	7,409.52	6,968.47	25.23	28.97	77.72	24.69	-1,052.32	691.36	639.34	52.01	13.292	
7,500.00	7,153.42	7,339.60	6,953.87	26.97	28.03	74.09	24.86	-1,120.67	705.25	653.23	52.01	13.559	
7,600.00	7,158.96	7,271.45	6,932.51	28.88	27.24	71.18	25.07	-1,185.35	718.42	666.21	52.21	13.761	
7,700.00	7,158.66	7,207.38	6,906.24	30.95	26.59	69.23	25.29	-1,243.76	734.38	681.93	52.45	14.002	
7,800.00	7,158.37	7,150.00	6,877.84	33.16	26.10	67.18	25.52	-1,293.59	756.03	703.43	52.60	14.372	
7,900.00	7,158.07	7,100.00	6,849.51	35.49	25.75	65.19	25.74	-1,334.78	783.92	731.28	52.64	14.893	
8,000.00	7,157.78	7,050.00	6,818.04	37.91	25.46	63.06	25.98	-1,373.61	818.26	765.75	52.52	15.581	
8,100.00	7,157.48	7,009.37	6,790.29	40.41	25.27	61.24	26.18	-1,403.28	859.05	806.78	52.27	16.434	
8,200.00	7,157.19	6,972.82	6,763.75	42.97	25.13	59.56	26.37	-1,428.40	906.02	854.10	51.92	17.450	
8,300.00	7,156.89	6,950.00	6,746.47	45.58	25.05	58.49	26.49	-1,443.30	958.82	907.31	51.51	18.615	
8,400.00	7,156.60	6,911.61	6,716.23	48.24	24.95	56.69	26.70	-1,466.93	1,016.65	965.61	51.05	19.916	
8,500.00	7,156.30	6,885.96	6,695.24	50.92	24.89	55.48	26.84	-1,481.69	1,079.25	1,028.67	50.58	21.337	
8,600.00	7,156.01	6,863.03	6,676.00	53.64	24.84	54.40	26.97	-1,494.16	1,145.97	1,095.84	50.13	22.861	

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
0.00	0.00	3.00	3.00	3.28	3.28	-60.54	101.27	-179.31	205.94				
100.00	100.00	103.00	103.00	3.28	3.28	-60.54	101.27	-179.31	205.94	198.41	7.53	27.358	
200.00	200.00	203.00	203.00	3.30	3.30	-60.54	101.27	-179.31	205.94	198.37	7.57	27.206	
256.26	256.26	258.66	258.66	3.32	3.33	72.73	101.27	-179.33	205.87	198.26	7.61	27.047	CC, ES
300.00	300.00	299.56	299.56	3.34	3.34	72.73	101.38	-179.73	206.25	198.60	7.65	26.959	
400.00	399.93	392.99	392.93	3.40	3.40	73.31	102.15	-182.77	208.47	200.71	7.76	26.873	
500.00	499.68	486.21	485.94	3.48	3.48	74.45	103.66	-188.75	212.88	204.98	7.90	26.936	
600.00	599.13	579.08	578.36	3.59	3.58	76.06	105.90	-197.62	219.62	211.53	8.09	27.139	
700.00	698.21	671.49	669.97	3.73	3.71	78.04	108.86	-209.32	228.95	220.62	8.33	27.482	
800.00	797.24	763.44	760.69	3.90	3.86	79.76	112.53	-223.80	241.44	232.82	8.62	28.019	
900.00	896.27	854.78	850.30	4.09	4.05	81.03	116.87	-240.97	257.03	248.08	8.95	28.722	
1,000.00	995.30	945.34	938.53	4.31	4.28	81.90	121.87	-260.72	275.56	266.24	9.31	29.583	
1,100.00	1,094.32	1,041.44	1,031.67	4.54	4.56	82.52	127.68	-283.67	296.08	286.32	9.76	30.333	
1,200.00	1,193.35	1,139.25	1,126.45	4.79	4.88	83.06	133.60	-307.09	316.69	306.44	10.25	30.886	
1,300.00	1,292.38	1,237.06	1,221.23	5.05	5.23	83.54	139.53	-330.51	337.33	326.55	10.78	31.296	
1,400.00	1,391.40	1,334.87	1,316.01	5.32	5.59	83.96	145.46	-353.93	357.99	346.66	11.33	31.591	
1,500.00	1,490.43	1,432.68	1,410.79	5.60	5.98	84.34	151.38	-377.35	378.66	366.76	11.90	31.816	
1,600.00	1,589.46	1,530.49	1,505.57	5.89	6.37	84.68	157.31	-400.77	399.35	386.85	12.50	31.956	
1,700.00	1,688.48	1,628.30	1,600.35	6.19	6.78	84.99	163.24	-424.19	420.05	406.94	13.11	32.045	
1,800.00	1,787.51	1,726.11	1,695.13	6.35	7.15	85.26	169.16	-447.61	440.76	427.42	13.35	33.028	
1,900.00	1,886.54	1,823.92	1,789.91	6.39	7.34	85.51	175.09	-471.04	461.48	448.13	13.35	34.558	
2,000.00	1,985.56	1,921.73	1,884.69	6.44	7.41	85.74	181.02	-494.46	482.21	468.76	13.45	35.841	
2,100.00	2,084.59	2,019.55	1,979.47	6.52	7.52	85.95	186.94	-517.88	502.95	489.35	13.60	36.993	
2,200.00	2,183.62	2,117.36	2,074.25	6.61	7.66	86.15	192.87	-541.30	523.69	509.91	13.78	38.010	
2,300.00	2,282.64	2,215.17	2,169.03	6.72	7.82	86.33	198.80	-564.72	544.44	530.44	14.00	38.894	
2,400.00	2,381.67	2,312.98	2,263.81	6.85	8.01	86.49	204.72	-588.14	565.19	550.93	14.26	39.647	
2,500.00	2,480.70	2,410.79	2,358.59	6.99	8.22	86.65	210.65	-611.56	585.94	571.39	14.55	40.278	
2,600.00	2,579.72	2,508.60	2,453.37	7.15	8.45	86.79	216.58	-634.98	606.70	591.83	14.87	40.797	
2,700.00	2,678.75	2,606.41	2,548.15	7.33	8.71	86.93	222.50	-658.40	627.46	612.24	15.23	41.203	
2,800.00	2,777.78	2,704.22	2,642.93	7.51	8.98	87.05	228.43	-681.82	648.23	632.62	15.61	41.518	
2,900.00	2,876.80	2,802.03	2,737.71	7.71	9.27	87.17	234.36	-705.24	669.00	652.97	16.02	41.749	
3,000.00	2,975.83	2,900.16	2,832.49	7.92	9.58	87.28	240.28	-728.67	689.77	673.31	16.46	41.904	
3,100.00	3,074.86	3,002.35	2,927.27	8.14	9.91	87.39	246.21	-752.09	710.54	693.61	16.93	41.969	
3,200.00	3,173.89	3,104.54	3,022.05	8.37	10.26	87.48	252.14	-775.51	731.32	713.90	17.42	41.979	
3,300.00	3,272.91	3,206.73	3,116.83	8.60	10.62	87.58	258.06	-798.93	752.10	734.16	17.93	41.941	
3,400.00	3,371.94	3,291.08	3,211.61	8.85	10.93	87.67	263.99	-822.35	772.88	754.46	18.41	41.978	
3,500.00	3,470.97	3,388.89	3,306.39	9.10	11.29	87.75	269.92	-845.77	793.66	774.71	18.94	41.896	
3,600.00	3,569.99	3,486.70	3,401.17	9.36	11.67	87.83	275.84	-869.19	814.44	794.95	19.49	41.788	
3,700.00	3,669.02	3,584.51	3,495.95	9.63	12.05	87.90	281.77	-892.61	835.22	815.17	20.05	41.658	
3,800.00	3,768.05	3,682.33	3,590.73	9.90	12.43	87.97	287.70	-916.03	856.01	835.39	20.62	41.509	
3,900.00	3,867.07	3,780.14	3,685.51	10.18	12.83	88.04	293.62	-939.45	876.79	855.59	21.21	41.347	
4,000.00	3,966.10	3,877.95	3,780.29	10.46	13.23	88.11	299.55	-962.87	897.58	875.78	21.80	41.174	
4,100.00	4,065.13	3,975.76	3,875.07	10.75	13.63	88.17	305.48	-986.30	918.37	895.97	22.40	40.992	
4,200.00	4,164.15	4,073.57	3,969.85	11.04	14.04	88.23	311.40	-1,009.72	939.16	916.14	23.02	40.805	
4,300.00	4,263.18	4,171.38	4,064.63	11.33	14.46	88.29	317.33	-1,033.14	959.95	936.31	23.64	40.613	
4,400.00	4,362.21	4,269.19	4,159.41	11.63	14.87	88.34	323.26	-1,056.56	980.74	956.48	24.26	40.418	
4,500.00	4,461.23	4,367.00	4,254.19	11.93	15.30	88.39	329.18	-1,079.98	1,001.53	976.63	24.90	40.222	
4,600.00	4,560.26	4,464.81	4,348.97	12.24	15.72	88.44	335.11	-1,103.40	1,022.33	996.79	25.54	40.026	
4,700.00	4,659.29	4,562.62	4,443.75	12.54	16.15	88.49	341.03	-1,126.82	1,043.12	1,016.93	26.19	39.830	
4,800.00	4,758.31	4,660.43	4,538.53	12.85	16.58	88.54	346.96	-1,150.24	1,063.92	1,037.07	26.84	39.636	
4,900.00	4,857.34	4,758.24	4,633.31	13.16	17.02	88.58	352.89	-1,173.66	1,084.71	1,057.21	27.50	39.443	
5,000.00	4,956.37	4,856.05	4,728.09	13.48	17.45	88.62	358.81	-1,197.08	1,105.51	1,077.34	28.16	39.253	
5,100.00	5,055.39	4,953.86	4,822.87	13.80	17.89	88.66	364.74	-1,220.50	1,126.30	1,097.47	28.83	39.066	
5,200.00	5,154.42	5,051.67	4,917.65	14.11	18.33	88.70	370.67	-1,243.93	1,147.10	1,117.60	29.50	38.882	
5,300.00	5,253.45	5,149.48	5,012.43	14.43	18.78	88.74	376.59	-1,267.35	1,167.90	1,137.72	30.18	38.701	
5,400.00	5,352.48	5,247.29	5,107.21	14.76	19.22	88.78	382.52	-1,290.77	1,188.69	1,157.84	30.86	38.523	
6,600.00	6,540.80	7,949.16	7,058.74	18.72	37.51	136.77	467.42	-602.60	1,172.69	1,121.56	51.13	22.934	
6,700.00	6,639.57	7,939.42	7,058.54	19.07	37.31	122.43	467.72	-612.34	1,141.90	1,089.40	52.51	21.748	
6,800.00	6,735.67	7,916.13	7,058.05	19.49	36.81	111.42	468.43	-635.60	1,120.06	1,066.58	53.48	20.945	
6,900.00	6,826.60	7,877.95	7,057.24	20.02	36.03	106.05	469.60	-673.76	1,107.40	1,053.38	54.01	20.503	
7,000.00	6,910.10	7,825.81	7,056.15	20.68	35.00	101.72	471.19	-725.87	1,103.05	1,048.90	54.15	20.369	
7,010.35	6,918.23	7,819.66	7,056.02	20.76	34.87	101.28	471.38	-732.01	1,103.02	1,048.86	54.16	20.367	
7,100.00	6,984.13	7,760.99	7,054.78	21.49	33.77	97.53	473.17	-790.65	1,105.37	1,051.34	54.03	20.457	
7,200.00	7,046.86	7,685.09	7,053.19	22.50	32.40	93.48	475.49	-866.49	1,112.19	1,058.37	53.82	20.665	
7,300.00	7,096.75	7,600.03	7,051.40	23.74	30.99	89.83	478.09	-951.55	1,121.23	1,067.51	53.71	20.874	
7,400.00	7,132.56	7,510.74	7,045.68	25.23	29.66	86.76	480.60	-1,040.51	1,130.47	1,076.57	53.90	20.974	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,500.00	7,153.42	7,425.53	7,028.95	26.97	28.53	84.12	482.33	-1,123.97	1,139.03	1,084.60	54.42	20.930	
7,600.00	7,158.96	7,343.96	7,002.64	28.88	27.60	81.98	483.34	-1,201.12	1,146.51	1,091.27	55.24	20.756	
7,700.00	7,158.66	7,268.78	6,969.86	30.95	26.89	80.38	483.69	-1,268.73	1,155.07	1,098.76	56.30	20.516	
7,800.00	7,158.37	7,202.27	6,934.41	33.16	26.39	78.65	483.54	-1,324.96	1,166.82	1,109.32	57.50	20.292	
7,900.00	7,158.07	7,144.22	6,898.83	35.49	26.05	76.94	483.05	-1,370.80	1,182.61	1,123.86	58.75	20.130 SF	



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)	+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	0.46	139.89	1.11	139.89						
100.00	100.00	100.00	100.00	3.28	3.28	0.46	139.89	1.11	139.89	132.37	7.53	18.585			
200.00	200.00	200.00	200.00	3.30	3.30	0.46	139.89	1.11	139.89	132.33	7.57	18.484			
200.00	200.00	200.00	200.00	3.30	3.30	0.46	139.89	1.11	139.89	132.33	7.57	18.484	CC, ES		
300.00	300.00	298.25	298.25	3.34	3.34	133.66	140.19	0.84	140.51	132.86	7.65	18.364	SF		
400.00	399.93	394.59	394.53	3.40	3.41	133.69	142.60	-1.33	145.40	137.63	7.77	18.718			
500.00	499.68	490.42	490.13	3.48	3.49	133.72	147.38	-5.63	155.16	147.23	7.93	19.565			
600.00	599.13	585.40	584.63	3.59	3.60	133.76	154.46	-12.01	169.74	161.60	8.14	20.856			
700.00	698.21	679.28	677.67	3.73	3.73	133.82	163.75	-20.37	188.78	180.39	8.39	22.489			
800.00	797.24	776.05	773.26	3.90	3.88	133.65	174.94	-30.45	209.76	201.06	8.69	24.124			
900.00	896.27	873.81	869.82	4.09	4.07	133.50	186.31	-40.68	230.79	221.74	9.04	25.528			
1,000.00	995.30	971.57	966.38	4.31	4.28	133.37	197.67	-50.91	251.82	242.39	9.42	26.726			
1,100.00	1,094.32	1,069.33	1,062.94	4.54	4.50	133.27	209.04	-61.15	272.85	263.01	9.84	27.741			
1,200.00	1,193.35	1,167.09	1,159.50	4.79	4.75	133.17	220.40	-71.38	293.88	283.61	10.28	28.597			
1,300.00	1,292.38	1,264.86	1,256.05	5.05	5.00	133.09	231.77	-81.61	314.92	304.17	10.74	29.318			
1,400.00	1,391.40	1,362.62	1,352.61	5.32	5.27	133.02	243.13	-91.85	335.95	324.72	11.23	29.926			
1,500.00	1,490.43	1,460.38	1,449.17	5.60	5.54	132.96	254.50	-102.08	356.98	345.26	11.73	30.437			
1,600.00	1,589.46	1,558.14	1,545.73	5.89	5.83	132.91	265.86	-112.31	378.02	365.77	12.25	30.866			
1,700.00	1,688.48	1,655.90	1,642.29	6.19	6.12	132.86	277.23	-122.55	399.05	386.28	12.78	31.228			
1,800.00	1,787.51	1,753.67	1,738.85	6.35	6.34	132.81	288.59	-132.78	420.09	407.17	12.92	32.517			
1,900.00	1,886.54	1,851.43	1,835.40	6.39	6.44	132.77	299.96	-143.01	441.13	428.27	12.86	34.306			
2,000.00	1,985.56	1,949.19	1,931.96	6.44	6.49	132.74	311.32	-153.25	462.16	449.22	12.94	35.717			
2,100.00	2,084.59	2,046.95	2,028.52	6.52	6.55	132.70	322.69	-163.48	483.20	470.14	13.05	37.015			
2,200.00	2,183.62	2,144.72	2,125.08	6.61	6.64	132.67	334.05	-173.71	504.23	491.03	13.20	38.195			
2,300.00	2,282.64	2,242.48	2,221.64	6.72	6.74	132.65	345.42	-183.95	525.27	511.89	13.38	39.256			
2,400.00	2,381.67	2,340.24	2,318.20	6.85	6.86	132.62	356.78	-194.18	546.31	532.72	13.59	40.199			
2,500.00	2,480.70	2,438.00	2,414.76	6.99	6.99	132.60	368.15	-204.41	567.34	553.51	13.83	41.027			
2,600.00	2,579.72	2,535.76	2,511.31	7.15	7.14	132.57	379.52	-214.65	588.38	574.28	14.09	41.746			
2,700.00	2,678.75	2,633.53	2,607.87	7.33	7.31	132.55	390.88	-224.88	609.42	595.03	14.39	42.363			
2,800.00	2,777.78	2,731.29	2,704.43	7.51	7.48	132.53	402.25	-235.11	630.45	615.75	14.70	42.884			
2,900.00	2,876.80	2,829.05	2,800.99	7.71	7.67	132.52	413.61	-245.35	651.49	636.45	15.04	43.317			
3,000.00	2,975.83	2,926.81	2,897.55	7.92	7.87	132.50	424.98	-255.58	672.53	657.13	15.40	43.672			
3,100.00	3,074.86	3,024.57	2,994.11	8.14	8.08	132.48	436.34	-265.81	693.56	677.78	15.78	43.956			
3,200.00	3,173.89	3,122.34	3,090.66	8.37	8.30	132.47	447.71	-276.04	714.60	698.42	16.18	44.176			
3,300.00	3,272.91	3,220.10	3,187.22	8.60	8.53	132.45	459.07	-286.28	735.64	719.05	16.59	44.341			
3,400.00	3,371.94	3,317.86	3,283.78	8.85	8.77	132.44	470.44	-296.51	756.67	739.65	17.02	44.458			
3,500.00	3,470.97	3,415.62	3,380.34	9.10	9.02	132.43	481.80	-306.74	777.71	760.25	17.46	44.531			
3,600.00	3,569.99	3,513.38	3,476.90	9.36	9.27	132.42	493.17	-316.98	798.75	780.83	17.92	44.568			
3,700.00	3,669.02	3,611.15	3,573.46	9.63	9.53	132.41	504.53	-327.21	819.79	801.39	18.39	44.573			
3,800.00	3,768.05	3,708.91	3,670.01	9.90	9.79	132.39	515.90	-337.44	840.82	821.95	18.87	44.552			
3,900.00	3,867.07	3,806.67	3,766.57	10.18	10.06	132.38	527.26	-347.68	861.86	842.50	19.36	44.507			
4,000.00	3,966.10	3,904.43	3,863.13	10.46	10.34	132.37	538.63	-357.91	882.90	863.03	19.87	44.443			
4,100.00	4,065.13	4,002.19	3,959.69	10.75	10.62	132.37	549.99	-368.14	903.93	883.56	20.38	44.362			
4,200.00	4,164.15	4,100.04	4,056.25	11.04	10.90	132.36	561.36	-378.38	924.97	904.08	20.90	44.267			
4,300.00	4,263.18	4,202.28	4,152.81	11.33	11.20	132.35	572.72	-388.61	946.01	924.58	21.43	44.137			
4,400.00	4,362.21	4,304.52	4,249.37	11.63	11.51	132.34	584.09	-398.84	967.05	945.07	21.98	43.998			
4,500.00	4,461.23	4,406.76	4,345.92	11.93	11.82	132.33	595.45	-409.08	988.08	965.55	22.53	43.852			
4,600.00	4,560.26	4,509.00	4,442.48	12.24	12.13	132.32	606.82	-419.31	1,009.12	986.03	23.09	43.701			
4,700.00	4,659.29	4,588.77	4,539.04	12.54	12.37	132.32	618.18	-429.54	1,030.16	1,006.57	23.59	43.664			
4,800.00	4,758.31	4,686.53	4,635.60	12.85	12.68	132.31	629.55	-439.78	1,051.20	1,027.05	24.15	43.528			
4,900.00	4,857.34	4,784.29	4,732.16	13.16	12.98	132.30	640.91	-450.01	1,072.23	1,047.52	24.71	43.389			
5,000.00	4,956.37	4,882.05	4,828.72	13.48	13.29	132.30	652.28	-460.24	1,093.27	1,067.99	25.28	43.249			
5,100.00	5,055.39	4,979.81	4,925.27	13.80	13.60	132.29	663.64	-470.48	1,114.31	1,088.46	25.85	43.107			
5,200.00	5,154.42	5,077.58	5,021.83	14.11	13.91	132.29	675.01	-480.71	1,135.35	1,108.92	26.42	42.965			
5,300.00	5,253.45	5,175.34	5,118.39	14.43	14.23	132.28	686.38	-490.94	1,156.38	1,129.38	27.00	42.823			
5,400.00	5,352.48	5,273.10	5,214.95	14.76	14.55	132.27	697.74	-501.18	1,177.42	1,149.83	27.59	42.682			
5,500.00	5,451.50	5,370.86	5,311.51	15.08	14.86	132.27	709.11	-511.41	1,198.46	1,170.29	28.17	42.541			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.48	99.82	0.84	99.82					
100.00	100.00	100.00	100.00	3.28	3.28	0.48	99.82	0.84	99.82	92.29	7.53	13.261		
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.82	0.84	99.82	92.25	7.57	13.189		
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.82	0.84	99.82	92.25	7.57	13.189	CC, ES	
300.00	300.00	299.18	299.17	3.34	3.34	133.64	100.02	0.47	100.33	92.68	7.65	13.112		
400.00	399.93	397.41	397.34	3.40	3.41	133.32	101.66	-2.48	104.38	96.61	7.77	13.435		
500.00	499.68	495.28	494.98	3.48	3.49	132.74	104.91	-8.34	112.47	104.53	7.93	14.175		
600.00	599.13	592.60	591.79	3.59	3.60	131.99	109.74	-17.06	124.58	116.43	8.15	15.287		
700.00	698.21	708.52	689.97	3.73	3.76	131.78	115.41	-27.30	139.52	131.07	8.45	16.520		
800.00	797.24	809.69	788.10	3.90	3.93	131.83	121.09	-37.53	154.74	145.98	8.76	17.662		
900.00	896.27	889.15	886.24	4.09	4.07	131.87	126.76	-47.77	169.97	160.89	9.08	18.725		
1,000.00	995.30	987.98	984.38	4.31	4.26	131.90	132.43	-58.00	185.20	175.74	9.46	19.576		
1,100.00	1,094.32	1,086.81	1,082.52	4.54	4.47	131.92	138.11	-68.24	200.42	190.55	9.87	20.298		
1,200.00	1,193.35	1,185.65	1,180.66	4.79	4.70	131.94	143.78	-78.47	215.65	205.34	10.31	20.908		
1,300.00	1,292.38	1,284.48	1,278.80	5.05	4.93	131.96	149.45	-88.71	230.88	220.10	10.78	21.423		
1,400.00	1,391.40	1,383.31	1,376.94	5.32	5.17	131.98	155.13	-98.94	246.10	234.84	11.26	21.858		
1,500.00	1,490.43	1,482.15	1,475.08	5.60	5.43	131.99	160.80	-109.18	261.33	249.57	11.76	22.224		
1,600.00	1,589.46	1,580.98	1,573.21	5.89	5.69	132.01	166.47	-119.41	276.56	264.28	12.27	22.533		
1,700.00	1,688.48	1,679.82	1,671.35	6.19	5.95	132.02	172.15	-129.65	291.78	278.98	12.80	22.794		
1,800.00	1,787.51	1,778.65	1,769.49	6.35	6.12	132.03	177.82	-139.89	307.01	294.28	12.73	24.113		
1,900.00	1,886.54	1,877.48	1,867.63	6.39	6.17	132.04	183.49	-150.12	322.24	309.43	12.81	25.154		
2,000.00	1,985.56	1,976.32	1,965.77	6.44	6.22	132.05	189.17	-160.36	337.46	324.57	12.89	26.172		
2,100.00	2,084.59	2,075.15	2,063.91	6.52	6.27	132.06	194.84	-170.59	352.69	339.68	13.01	27.107		
2,200.00	2,183.62	2,173.99	2,162.05	6.61	6.35	132.06	200.51	-180.83	367.92	354.76	13.16	27.958		
2,300.00	2,282.64	2,272.82	2,260.19	6.72	6.44	132.07	206.19	-191.06	383.14	369.80	13.34	28.722		
2,400.00	2,381.67	2,371.65	2,358.32	6.85	6.54	132.08	211.86	-201.30	398.37	384.82	13.55	29.402		
2,500.00	2,480.70	2,470.49	2,456.46	6.99	6.66	132.08	217.53	-211.53	413.60	399.81	13.79	29.999		
2,600.00	2,579.72	2,569.32	2,554.60	7.15	6.79	132.09	223.21	-221.77	428.82	414.77	14.05	30.517		
2,700.00	2,678.75	2,668.16	2,652.74	7.33	6.94	132.09	228.88	-232.00	444.05	429.71	14.34	30.961		
2,800.00	2,777.78	2,766.99	2,750.88	7.51	7.10	132.10	234.55	-242.24	459.28	444.62	14.66	31.338		
2,900.00	2,876.80	2,865.82	2,849.02	7.71	7.26	132.10	240.23	-252.47	474.50	459.51	14.99	31.651		
3,000.00	2,975.83	2,964.66	2,947.16	7.92	7.44	132.11	245.90	-262.71	489.73	474.38	15.35	31.908		
3,100.00	3,074.86	3,063.49	3,045.29	8.14	7.63	132.11	251.57	-272.94	504.96	489.23	15.72	32.114		
3,200.00	3,173.89	3,162.33	3,143.43	8.37	7.82	132.11	257.25	-283.18	520.18	504.06	16.12	32.274		
3,300.00	3,272.91	3,261.16	3,241.57	8.60	8.03	132.12	262.92	-293.41	535.41	518.88	16.53	32.395		
3,400.00	3,371.94	3,359.99	3,339.71	8.85	8.24	132.12	268.59	-303.65	550.63	533.68	16.95	32.480		
3,500.00	3,470.97	3,458.83	3,437.85	9.10	8.46	132.12	274.27	-313.88	565.86	548.47	17.39	32.535		
3,600.00	3,569.99	3,557.66	3,535.99	9.36	8.69	132.13	279.94	-324.12	581.09	563.24	17.85	32.563		
3,700.00	3,669.02	3,656.50	3,634.13	9.63	8.92	132.13	285.62	-334.35	596.31	578.01	18.31	32.568		
3,800.00	3,768.05	3,755.33	3,732.27	9.90	9.16	132.13	291.29	-344.59	611.54	592.76	18.79	32.554		
3,900.00	3,867.07	3,854.16	3,830.40	10.18	9.40	132.14	296.96	-354.82	626.77	607.50	19.27	32.524		
4,000.00	3,966.10	3,953.00	3,928.54	10.46	9.65	132.14	302.64	-365.06	641.99	622.23	19.77	32.479		
4,100.00	4,065.13	4,051.83	4,026.68	10.75	9.90	132.14	308.31	-375.29	657.22	636.95	20.27	32.422		
4,200.00	4,164.15	4,150.67	4,124.82	11.04	10.15	132.14	313.98	-385.53	672.45	651.66	20.78	32.355		
4,300.00	4,263.18	4,249.50	4,222.96	11.33	10.41	132.14	319.66	-395.76	687.67	666.37	21.30	32.280		
4,400.00	4,362.21	4,348.33	4,321.10	11.63	10.68	132.15	325.33	-406.00	702.90	681.07	21.83	32.199		
4,500.00	4,461.23	4,447.17	4,419.24	11.93	10.94	132.15	331.00	-416.23	718.13	695.76	22.36	32.112		
4,600.00	4,560.26	4,546.00	4,517.38	12.24	11.21	132.15	336.68	-426.47	733.35	710.45	22.90	32.020		
4,700.00	4,659.29	4,644.84	4,615.51	12.54	11.49	132.15	342.35	-436.70	748.58	725.13	23.45	31.925		
4,800.00	4,758.31	4,743.67	4,713.65	12.85	11.76	132.15	348.02	-446.94	763.81	739.81	24.00	31.828		
4,900.00	4,857.34	4,842.50	4,811.79	13.16	12.04	132.15	353.70	-457.17	779.03	754.48	24.55	31.729		
5,000.00	4,956.37	4,941.34	4,909.93	13.48	12.32	132.16	359.37	-467.41	794.26	769.15	25.11	31.628		
5,100.00	5,055.39	5,040.17	5,008.07	13.80	12.60	132.16	365.04	-477.64	809.49	783.81	25.68	31.526		
5,200.00	5,154.42	5,139.01	5,106.21	14.11	12.88	132.16	370.72	-487.88	824.71	798.47	26.24	31.425		
5,300.00	5,253.45	5,237.84	5,204.35	14.43	13.17	132.16	376.39	-498.11	839.94	813.13	26.82	31.323		
5,400.00	5,352.48	5,336.67	5,302.48	14.76	13.46	132.16	382.06	-508.35	855.17	827.78	27.39	31.221		
5,500.00	5,451.50	5,435.51	5,400.62	15.08	13.74	132.16	387.74	-518.58	870.39	842.43	27.97	31.120		
5,600.00	5,550.53	5,534.34	5,498.76	15.41	14.03	132.16	393.41	-528.82	885.62	857.07	28.55	31.020		
5,700.00	5,649.56	5,633.17	5,596.90	15.73	14.33	132.17	399.08	-539.05	900.85	871.71	29.13	30.921		
5,800.00	5,748.58	5,732.01	5,695.04	16.06	14.62	132.17	404.76	-549.29	916.07	886.35	29.72	30.822		
5,900.00	5,847.61	5,830.84	5,793.18	16.39	14.91	132.17	410.43	-559.52	931.30	900.99	30.31	30.725		
6,000.00	5,946.64	5,929.68	5,891.32	16.72	15.21	132.17	416.10	-569.76	946.53	915.63	30.90	30.630		
6,100.00	6,045.66	6,028.51	5,989.46	17.05	15.51	132.17	421.78	-579.99	961.75	930.26	31.50	30.536		
6,200.00	6,144.69	6,127.34	6,087.59	17.38	15.80	132.17	427.45	-590.23	976.98	944.89	32.09	30.443		
6,300.00	6,243.72	6,226.18	6,185.73	17.72	16.10	132.17	433.12	-600.46	992.21	959.52	32.69	30.351		
6,400.00	6,342.74	6,325.01	6,283.87	18.05	16.40	132.17	438.80	-610.70	1,007.43	974.14	33.29	30.262		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,441.77	6,423.85	6,382.01	18.39	16.70	132.17	444.47	-620.93	1,022.66	988.77	33.89	30.174	
6,600.00	6,540.80	6,522.68	6,480.15	18.72	17.01	132.18	450.14	-631.17	1,037.89	1,003.39	34.50	30.087	
6,700.00	6,639.57	6,621.47	6,578.24	19.07	17.31	116.41	455.81	-641.40	1,053.08	1,017.97	35.11	29.996	
6,800.00	6,735.67	6,720.85	6,675.83	19.49	17.66	103.67	461.41	-658.77	1,067.91	1,032.07	35.84	29.795	
6,900.00	6,826.60	6,821.74	6,770.93	20.02	18.15	98.17	466.76	-691.72	1,082.03	1,045.20	36.83	29.380	
7,000.00	6,910.10	6,924.24	6,861.00	20.68	18.80	95.03	471.73	-740.16	1,095.07	1,056.95	38.12	28.723	
7,100.00	6,984.13	7,028.39	6,943.38	21.49	19.64	92.99	476.15	-803.54	1,106.72	1,066.90	39.82	27.793	
7,200.00	7,046.86	7,134.17	7,015.37	22.50	20.74	91.58	479.87	-880.79	1,116.67	1,074.65	42.02	26.574	
7,300.00	7,096.75	7,241.46	7,074.33	23.74	22.15	90.63	482.76	-970.22	1,124.65	1,079.83	44.82	25.095	
7,400.00	7,132.56	7,350.02	7,117.91	25.23	23.89	90.01	484.69	-1,069.49	1,130.44	1,082.21	48.23	23.439	
7,500.00	7,153.42	7,459.56	7,144.19	26.97	25.93	89.70	485.56	-1,175.68	1,133.87	1,081.67	52.20	21.723	
7,600.00	7,158.96	7,568.56	7,152.04	28.88	28.16	89.65	485.35	-1,284.28	1,134.87	1,078.35	56.52	20.080	
7,700.00	7,158.66	7,668.55	7,152.33	30.95	30.35	89.68	484.74	-1,384.27	1,134.92	1,074.01	60.91	18.632	
7,800.00	7,158.37	7,768.55	7,152.63	33.16	32.66	89.71	484.13	-1,484.27	1,134.97	1,069.43	65.54	17.317	
7,900.00	7,158.07	7,868.55	7,152.92	35.49	35.06	89.74	483.52	-1,584.26	1,135.02	1,064.66	70.37	16.130	
8,000.00	7,157.78	7,968.55	7,153.22	37.91	37.54	89.77	482.92	-1,684.26	1,135.08	1,059.72	75.35	15.064	
8,100.00	7,157.48	8,068.55	7,153.51	40.41	40.09	89.80	482.31	-1,784.26	1,135.13	1,054.66	80.46	14.107	
8,200.00	7,157.19	8,168.55	7,153.81	42.97	42.69	89.83	481.70	-1,884.25	1,135.18	1,049.50	85.68	13.249	
8,300.00	7,156.89	8,268.54	7,154.10	45.58	45.34	89.86	481.10	-1,984.25	1,135.23	1,044.25	90.99	12.477	
8,400.00	7,156.60	8,368.54	7,154.40	48.24	48.03	89.89	480.49	-2,084.24	1,135.28	1,038.92	96.36	11.781	
8,500.00	7,156.30	8,468.54	7,154.69	50.92	50.74	89.92	479.88	-2,184.24	1,135.34	1,033.54	101.80	11.153	
8,600.00	7,156.01	8,568.54	7,154.99	53.64	53.48	89.95	479.27	-2,284.23	1,135.39	1,028.10	107.29	10.582	
8,700.00	7,155.71	8,668.54	7,155.28	56.38	56.25	89.98	478.67	-2,384.23	1,135.44	1,022.62	112.82	10.064	
8,800.00	7,155.42	8,768.54	7,155.58	59.15	59.03	90.01	478.06	-2,484.23	1,135.50	1,017.10	118.40	9.591	
8,900.00	7,155.12	8,868.53	7,155.87	61.93	61.83	90.04	477.45	-2,584.22	1,135.55	1,011.55	124.00	9.158	
9,000.00	7,154.83	8,968.53	7,156.17	64.73	64.64	90.07	476.85	-2,684.22	1,135.61	1,005.97	129.63	8.760	
9,100.00	7,154.53	9,068.53	7,156.47	67.55	67.47	90.10	476.24	-2,784.21	1,135.66	1,000.37	135.29	8.394	
9,200.00	7,154.24	9,168.53	7,156.76	70.37	70.31	90.13	475.63	-2,884.21	1,135.72	994.75	140.97	8.056	
9,300.00	7,153.94	9,268.53	7,157.06	73.21	73.15	90.16	475.03	-2,984.21	1,135.77	989.11	146.67	7.744	
9,400.00	7,153.65	9,368.52	7,157.35	76.06	76.01	90.19	474.42	-3,084.20	1,135.83	983.45	152.38	7.454	
9,500.00	7,153.35	9,468.52	7,157.65	78.91	78.87	90.22	473.81	-3,184.20	1,135.88	977.77	158.11	7.184	
9,600.00	7,153.06	9,568.52	7,157.94	81.77	81.75	90.25	473.20	-3,284.19	1,135.94	972.08	163.86	6.932	
9,700.00	7,152.76	9,668.52	7,158.24	84.64	84.62	90.28	472.60	-3,384.19	1,136.00	966.38	169.62	6.697	
9,800.00	7,152.47	9,768.52	7,158.53	87.52	87.51	90.31	471.99	-3,484.19	1,136.05	960.67	175.38	6.478	
9,900.00	7,152.17	9,868.52	7,158.83	90.40	90.39	90.34	471.38	-3,584.18	1,136.11	954.95	181.16	6.271	
10,000.00	7,151.88	9,968.51	7,159.12	93.29	93.29	90.37	470.78	-3,684.18	1,136.17	949.22	186.95	6.077	
10,100.00	7,151.58	10,068.51	7,159.42	96.18	96.18	90.40	470.17	-3,784.17	1,136.23	943.49	192.74	5.895	
10,200.00	7,151.29	10,168.51	7,159.71	99.08	99.08	90.42	469.56	-3,884.17	1,136.29	937.74	198.54	5.723	
10,300.00	7,150.99	10,268.51	7,160.01	101.98	101.99	90.45	468.95	-3,984.17	1,136.34	931.99	204.35	5.561	
10,400.00	7,150.70	10,368.51	7,160.30	104.88	104.90	90.48	468.35	-4,084.16	1,136.40	926.24	210.17	5.407	
10,500.00	7,150.40	10,468.51	7,160.60	107.78	107.81	90.51	467.74	-4,184.16	1,136.46	920.47	215.99	5.262	
10,600.00	7,150.11	10,568.50	7,160.90	110.69	110.72	90.54	467.13	-4,284.15	1,136.52	914.71	221.82	5.124	
10,700.00	7,149.81	10,668.50	7,161.19	113.61	113.63	90.57	466.53	-4,384.15	1,136.58	908.94	227.65	4.993	
10,800.00	7,149.52	10,768.50	7,161.49	116.52	116.55	90.60	465.92	-4,484.15	1,136.64	903.16	233.48	4.868	
10,900.00	7,149.22	10,868.50	7,161.78	119.44	119.47	90.63	465.31	-4,584.14	1,136.70	897.38	239.32	4.750	
11,000.00	7,148.93	10,968.50	7,162.08	122.35	122.39	90.66	464.71	-4,684.14	1,136.76	891.60	245.16	4.637	
11,100.00	7,148.63	11,068.49	7,162.37	125.28	125.32	90.69	464.10	-4,784.13	1,136.82	885.81	251.01	4.529	
11,200.00	7,148.34	11,168.49	7,162.67	128.20	128.24	90.72	463.49	-4,884.13	1,136.89	880.03	256.86	4.426	
11,300.00	7,148.04	11,268.49	7,162.96	131.12	131.17	90.75	462.88	-4,984.13	1,136.95	874.23	262.71	4.328	
11,400.00	7,147.75	11,368.49	7,163.26	134.05	134.10	90.78	462.28	-5,084.12	1,137.01	868.44	268.57	4.234	
11,500.00	7,147.45	11,468.49	7,163.55	136.98	137.03	90.81	461.67	-5,184.12	1,137.07	862.64	274.43	4.143	
11,600.00	7,147.16	11,568.49	7,163.85	139.91	139.96	90.84	461.06	-5,284.11	1,137.13	856.85	280.29	4.057	
11,700.00	7,146.86	11,668.48	7,164.14	142.84	142.89	90.87	460.46	-5,384.11	1,137.20	851.05	286.15	3.974	
11,800.00	7,146.57	11,768.48	7,164.44	145.77	145.83	90.90	459.85	-5,484.11	1,137.26	845.24	292.02	3.895	
11,900.00	7,146.27	11,868.48	7,164.73	148.70	148.76	90.93	459.24	-5,584.10	1,137.32	839.44	297.88	3.818	
12,000.00	7,145.98	11,968.48	7,165.03	151.63	151.70	90.96	458.63	-5,684.10	1,137.39	833.63	303.75	3.744	
12,100.00	7,145.68	12,068.48	7,165.33	154.57	154.63	90.99	458.03	-5,784.09	1,137.45	827.83	309.62	3.674	
12,200.00	7,145.39	12,168.48	7,165.62	157.51	157.57	91.02	457.42	-5,884.09	1,137.52	822.02	315.50	3.605	
12,300.00	7,145.09	12,268.47	7,165.92	160.44	160.51	91.05	456.81	-5,984.09	1,137.58	816.21	321.37	3.540	
12,400.00	7,144.80	12,368.47	7,166.21	163.38	163.45	91.08	456.21	-6,084.08	1,137.65	810.40	327.25	3.476	
12,500.00	7,144.50	12,468.47	7,166.51	166.32	166.39	91.11	455.60	-6,184.08	1,137.71	804.59	333.12	3.415	
12,600.00	7,144.21	12,568.47	7,166.80	169.26	169.33	91.14	454.99	-6,284.07	1,137.78	798.78	339.00	3.356	
12,700.00	7,143.91	12,668.47	7,167.10	172.20	172.27	91.17	454.39	-6,384.07	1,137.84	792.96	344.88	3.299	
12,800.00	7,143.62	12,768.47	7,167.39	175.14	175.22	91.20	453.78	-6,484.07	1,137.91	787.15	350.76	3.244	
12,900.00	7,143.32	12,868.46	7,167.69	178.08	178.16	91.23							

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,142.73	13,068.46	7,168.28	183.97	184.05	91.29	451.96	-6,784.05	1,138.11	769.70	368.41	3.089	
13,200.00	7,142.44	13,168.46	7,168.57	186.91	186.99	91.32	451.35	-6,884.05	1,138.18	763.89	374.29	3.041	
13,300.00	7,142.14	13,268.46	7,168.87	189.85	189.94	91.35	450.74	-6,984.05	1,138.24	758.07	380.17	2.994	
13,400.00	7,141.85	13,368.45	7,169.16	192.80	192.88	91.38	450.14	-7,084.04	1,138.31	752.25	386.06	2.949	
13,500.00	7,141.55	13,468.45	7,169.46	195.74	195.83	91.40	449.53	-7,184.04	1,138.38	746.43	391.95	2.904	
13,600.00	7,141.26	13,568.45	7,169.75	198.69	198.77	91.43	448.92	-7,284.03	1,138.45	740.62	397.83	2.862	
13,700.00	7,140.96	13,668.45	7,170.05	201.64	201.72	91.46	448.31	-7,384.03	1,138.52	734.80	403.72	2.820	
13,800.00	7,140.67	13,768.45	7,170.35	204.58	204.67	91.49	447.71	-7,484.03	1,138.59	728.98	409.61	2.780	
13,900.00	7,140.37	13,868.45	7,170.64	207.53	207.62	91.52	447.10	-7,584.02	1,138.66	723.16	415.50	2.740	
14,000.00	7,140.08	13,968.44	7,170.94	210.48	210.56	91.55	446.49	-7,684.02	1,138.73	717.34	421.38	2.702	
14,100.00	7,139.78	14,068.44	7,171.23	213.42	213.51	91.58	445.89	-7,784.01	1,138.80	711.52	427.27	2.665	
14,200.00	7,139.49	14,168.44	7,171.53	216.37	216.46	91.61	445.28	-7,884.01	1,138.87	705.70	433.16	2.629	
14,300.00	7,139.19	14,268.44	7,171.82	219.32	219.41	91.64	444.67	-7,984.00	1,138.94	699.88	439.05	2.594	
14,400.00	7,138.90	14,368.44	7,172.12	222.27	222.36	91.67	444.07	-8,084.00	1,139.01	694.06	444.94	2.560	
14,500.00	7,138.60	14,468.44	7,172.41	225.22	225.31	91.70	443.46	-8,184.00	1,139.08	688.25	450.84	2.527	
14,600.00	7,138.31	14,568.43	7,172.71	228.17	228.26	91.73	442.85	-8,283.99	1,139.15	682.43	456.73	2.494	
14,700.00	7,138.01	14,668.43	7,173.00	231.12	231.21	91.76	442.24	-8,383.99	1,139.22	676.61	462.62	2.463	
14,800.00	7,137.71	14,768.43	7,173.30	234.07	234.16	91.79	441.64	-8,483.98	1,139.30	670.79	468.51	2.432	
14,900.00	7,137.42	14,868.43	7,173.59	237.02	237.11	91.82	441.03	-8,583.98	1,139.37	664.97	474.40	2.402	
15,000.00	7,137.12	14,968.43	7,173.89	239.97	240.06	91.85	440.42	-8,683.98	1,139.44	659.15	480.29	2.372	
15,100.00	7,136.83	15,068.42	7,174.18	242.92	243.02	91.88	439.82	-8,783.97	1,139.52	653.33	486.19	2.344	
15,200.00	7,136.53	15,168.42	7,174.48	245.87	245.97	91.91	439.21	-8,883.97	1,139.59	647.51	492.08	2.316	
15,300.00	7,136.24	15,268.42	7,174.78	248.82	248.92	91.94	438.60	-8,983.96	1,139.66	641.69	497.97	2.289	
15,400.00	7,135.94	15,368.42	7,175.07	251.77	251.87	91.97	437.99	-9,083.96	1,139.74	635.87	503.86	2.262	
15,500.00	7,135.65	15,468.42	7,175.37	254.73	254.82	92.00	437.39	-9,183.96	1,139.81	630.06	509.76	2.236	
15,600.00	7,135.35	15,568.42	7,175.66	257.68	257.78	92.03	436.78	-9,283.95	1,139.89	624.24	515.65	2.211	
15,700.00	7,135.06	15,668.41	7,175.96	260.63	260.73	92.06	436.17	-9,383.95	1,139.96	618.42	521.54	2.186	
15,800.00	7,134.76	15,768.41	7,176.25	263.58	263.68	92.09	435.57	-9,483.94	1,140.04	612.60	527.43	2.161	
15,900.00	7,134.47	15,868.41	7,176.55	266.53	266.64	92.11	434.96	-9,583.94	1,140.11	606.78	533.33	2.138	
16,000.00	7,134.17	15,968.41	7,176.84	269.49	269.59	92.14	434.35	-9,683.94	1,140.19	600.97	539.22	2.115	
16,100.00	7,133.88	16,068.41	7,177.14	272.44	272.54	92.17	433.75	-9,783.93	1,140.26	595.15	545.11	2.092	
16,200.00	7,133.58	16,168.41	7,177.43	275.39	275.50	92.20	433.14	-9,883.93	1,140.34	589.34	551.01	2.070	
16,300.00	7,133.29	16,268.40	7,177.73	278.35	278.45	92.23	432.53	-9,983.92	1,140.42	583.52	556.90	2.048	
16,400.00	7,132.99	16,368.40	7,178.02	281.30	281.40	92.26	431.92	-10,083.92	1,140.49	577.70	562.79	2.026	
16,500.00	7,132.70	16,468.40	7,178.32	284.25	284.36	92.29	431.32	-10,183.92	1,140.57	571.89	568.68	2.006	
16,600.00	7,132.40	16,568.40	7,178.61	287.21	287.31	92.32	430.71	-10,283.91	1,140.65	566.07	574.58	1.985	
16,700.00	7,132.11	16,668.40	7,178.91	290.16	290.27	92.35	430.10	-10,383.91	1,140.73	560.26	580.47	1.965	
16,800.00	7,131.81	16,768.39	7,179.21	293.12	293.22	92.38	429.50	-10,483.90	1,140.81	554.45	586.36	1.946	
16,900.00	7,131.52	16,868.39	7,179.50	296.07	296.18	92.41	428.89	-10,583.90	1,140.89	548.63	592.25	1.926	
17,000.00	7,131.22	16,968.39	7,179.80	299.02	299.13	92.44	428.28	-10,683.90	1,140.96	542.82	598.15	1.908	
17,100.00	7,130.93	17,068.39	7,180.09	301.98	302.09	92.47	427.67	-10,783.89	1,141.04	537.01	604.04	1.889	
17,200.00	7,130.63	17,168.39	7,180.39	304.93	305.04	92.50	427.07	-10,883.89	1,141.12	531.19	609.93	1.871	
17,300.00	7,130.34	17,268.39	7,180.68	307.89	308.00	92.53	426.46	-10,983.88	1,141.20	525.38	615.82	1.853	
17,400.00	7,130.04	17,368.38	7,180.98	310.84	310.95	92.56	425.85	-11,083.88	1,141.28	519.57	621.71	1.836	
17,414.80	7,130.00	17,383.18	7,181.02	311.28	311.39	92.56	425.76	-11,098.67	1,141.29	518.71	622.58	1.833 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	0.40	119.85	0.84	119.85				
100.00	100.00	100.00	100.00	3.28	3.28	0.40	119.85	0.84	119.85	112.33	7.53	15.923	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	119.85	0.84	119.85	112.28	7.57	15.836	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	119.85	0.84	119.85	112.28	7.57	15.836	CC, ES
300.00	300.00	298.82	298.82	3.34	3.34	133.58	120.09	0.50	120.40	112.75	7.65	15.736	SF
400.00	399.93	396.33	396.27	3.40	3.41	133.40	122.01	-2.21	124.76	116.99	7.77	16.059	
500.00	499.68	493.42	493.13	3.48	3.49	133.06	125.84	-7.59	133.46	125.53	7.93	16.824	
600.00	599.13	589.84	589.04	3.59	3.60	132.63	131.51	-15.58	146.48	138.33	8.15	17.982	
700.00	698.21	687.46	685.86	3.73	3.73	132.35	138.74	-25.74	163.06	154.64	8.41	19.380	
800.00	797.24	786.01	783.58	3.90	3.89	132.27	146.14	-36.16	180.04	171.31	8.72	20.643	
900.00	896.27	884.55	881.29	4.09	4.07	132.21	153.54	-46.57	197.02	187.95	9.07	21.722	
1,000.00	995.30	983.10	979.01	4.31	4.27	132.16	160.94	-56.99	214.00	204.54	9.45	22.636	
1,100.00	1,094.32	1,081.65	1,076.72	4.54	4.49	132.11	168.35	-67.40	230.98	221.11	9.87	23.406	
1,200.00	1,193.35	1,180.20	1,174.44	4.79	4.71	132.07	175.75	-77.82	247.96	237.65	10.31	24.051	
1,300.00	1,292.38	1,278.74	1,272.16	5.05	4.95	132.04	183.15	-88.24	264.94	254.17	10.77	24.590	
1,400.00	1,391.40	1,377.29	1,369.87	5.32	5.20	132.01	190.55	-98.65	281.92	270.66	11.26	25.041	
1,500.00	1,490.43	1,475.84	1,467.59	5.60	5.46	131.98	197.95	-109.07	298.90	287.14	11.76	25.417	
1,600.00	1,589.46	1,574.39	1,565.30	5.89	5.73	131.96	205.36	-119.48	315.88	303.61	12.28	25.730	
1,700.00	1,688.48	1,672.93	1,663.02	6.19	6.00	131.94	212.76	-129.90	332.87	320.06	12.81	25.991	
1,800.00	1,787.51	1,771.48	1,760.73	6.35	6.19	131.92	220.16	-140.31	349.85	337.10	12.75	27.441	
1,900.00	1,886.54	1,870.03	1,858.45	6.39	6.25	131.90	227.56	-150.73	366.83	353.99	12.84	28.576	
2,000.00	1,985.56	1,968.58	1,956.17	6.44	6.29	131.88	234.96	-161.14	383.81	370.89	12.92	29.705	
2,100.00	2,084.59	2,067.12	2,053.88	6.52	6.36	131.87	242.37	-171.56	400.79	387.75	13.04	30.742	
2,200.00	2,183.62	2,165.67	2,151.60	6.61	6.43	131.86	249.77	-181.98	417.77	404.59	13.19	31.682	
2,300.00	2,282.64	2,264.22	2,249.31	6.72	6.53	131.84	257.17	-192.39	434.76	421.39	13.37	32.525	
2,400.00	2,381.67	2,362.77	2,347.03	6.85	6.63	131.83	264.57	-202.81	451.74	438.16	13.58	33.272	
2,500.00	2,480.70	2,461.32	2,444.74	6.99	6.76	131.82	271.97	-213.22	468.72	454.90	13.82	33.925	
2,600.00	2,579.72	2,559.86	2,542.46	7.15	6.90	131.81	279.37	-223.64	485.70	471.62	14.08	34.491	
2,700.00	2,678.75	2,658.41	2,640.18	7.33	7.05	131.80	286.78	-234.05	502.68	488.31	14.37	34.973	
2,800.00	2,777.78	2,756.96	2,737.89	7.51	7.21	131.80	294.18	-244.47	519.66	504.97	14.69	35.378	
2,900.00	2,876.80	2,855.51	2,835.61	7.71	7.38	131.79	301.58	-254.88	536.65	521.62	15.03	35.714	
3,000.00	2,975.83	2,954.05	2,933.32	7.92	7.56	131.78	308.98	-265.30	553.63	538.24	15.38	35.985	
3,100.00	3,074.86	3,052.60	3,031.04	8.14	7.76	131.77	316.38	-275.72	570.61	554.85	15.76	36.200	
3,200.00	3,173.89	3,151.15	3,128.75	8.37	7.96	131.77	323.79	-286.13	587.59	571.43	16.16	36.364	
3,300.00	3,272.91	3,249.70	3,226.47	8.60	8.17	131.76	331.19	-296.55	604.57	588.00	16.57	36.484	
3,400.00	3,371.94	3,348.24	3,324.18	8.85	8.39	131.75	338.59	-306.96	621.55	604.55	17.00	36.565	
3,500.00	3,470.97	3,446.79	3,421.90	9.10	8.62	131.75	345.99	-317.38	638.54	621.09	17.44	36.612	
3,600.00	3,569.99	3,545.34	3,519.62	9.36	8.85	131.74	353.39	-327.79	655.52	637.62	17.90	36.630	
3,700.00	3,669.02	3,643.89	3,617.33	9.63	9.09	131.74	360.80	-338.21	672.50	654.14	18.36	36.623	
3,800.00	3,768.05	3,742.43	3,715.05	9.90	9.34	131.73	368.20	-348.62	689.48	670.64	18.84	36.594	
3,900.00	3,867.07	3,840.98	3,812.76	10.18	9.59	131.73	375.60	-359.04	706.46	687.13	19.33	36.548	
4,000.00	3,966.10	3,939.53	3,910.48	10.46	9.84	131.72	383.00	-369.45	723.44	703.62	19.83	36.486	
4,100.00	4,065.13	4,038.08	4,008.19	10.75	10.10	131.72	390.40	-379.87	740.43	720.09	20.34	36.411	
4,200.00	4,164.15	4,136.62	4,105.91	11.04	10.37	131.72	397.81	-390.29	757.41	736.56	20.85	36.325	
4,300.00	4,263.18	4,235.17	4,203.63	11.33	10.63	131.71	405.21	-400.70	774.39	753.02	21.37	36.231	
4,400.00	4,362.21	4,333.72	4,301.34	11.63	10.90	131.71	412.61	-411.12	791.37	769.47	21.90	36.130	
4,500.00	4,461.23	4,432.27	4,399.06	11.93	11.18	131.71	420.01	-421.53	808.35	785.91	22.44	36.023	
4,600.00	4,560.26	4,530.81	4,496.77	12.24	11.46	131.70	427.41	-431.95	825.33	802.35	22.98	35.912	
4,700.00	4,659.29	4,629.36	4,594.49	12.54	11.74	131.70	434.81	-442.36	842.32	818.79	23.53	35.797	
4,800.00	4,758.31	4,727.91	4,692.20	12.85	12.02	131.70	442.22	-452.78	859.30	835.21	24.08	35.679	
4,900.00	4,857.34	4,826.46	4,789.92	13.16	12.30	131.69	449.62	-463.19	876.28	851.64	24.64	35.560	
5,000.00	4,956.37	4,925.00	4,887.63	13.48	12.59	131.69	457.02	-473.61	893.26	868.06	25.21	35.440	
5,100.00	5,055.39	5,023.55	4,985.35	13.80	12.88	131.69	464.42	-484.03	910.24	884.47	25.77	35.319	
5,200.00	5,154.42	5,122.10	5,083.07	14.11	13.17	131.68	471.82	-494.44	927.22	900.88	26.34	35.198	
5,300.00	5,253.45	5,220.65	5,180.78	14.43	13.47	131.68	479.23	-504.86	944.21	917.29	26.92	35.077	
5,400.00	5,352.48	5,319.19	5,278.50	14.76	13.76	131.68	486.63	-515.27	961.19	933.69	27.50	34.957	
5,500.00	5,451.50	5,417.74	5,376.21	15.08	14.06	131.68	494.03	-525.69	978.17	950.09	28.08	34.838	
5,600.00	5,550.53	5,516.29	5,473.93	15.41	14.36	131.67	501.43	-536.10	995.15	966.49	28.66	34.720	
5,700.00	5,649.56	5,614.84	5,571.64	15.73	14.66	131.67	508.83	-546.52	1,012.13	982.88	29.25	34.603	
5,800.00	5,748.58	5,713.38	5,669.36	16.06	14.96	131.67	516.24	-556.93	1,029.12	999.28	29.84	34.487	
5,900.00	5,847.61	5,811.93	5,767.08	16.39	15.26	131.67	523.64	-567.35	1,046.10	1,015.66	30.43	34.374	
6,000.00	5,946.64	5,910.48	5,864.79	16.72	15.56	131.67	531.04	-577.77	1,063.08	1,032.05	31.03	34.261	
6,100.00	6,045.66	6,009.03	5,962.51	17.05	15.87	131.66	538.44	-588.18	1,080.06	1,048.44	31.63	34.151	
6,200.00	6,144.69	6,107.57	6,060.22	17.38	16.18	131.66	545.84	-598.60	1,097.04	1,064.82	32.23	34.043	
6,300.00	6,243.72	6,206.12	6,157.94	17.72	16.48	131.66	553.25	-609.01	1,114.02	1,081.20	32.83	33.936	
6,400.00	6,342.74	6,304.67	6,255.65	18.05	16.79	131.66	560.65	-619.43	1,131.01	1,097.58	33.43	33.831	

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							
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	6,441.77	6,403.22	6,353.37	18.39	17.10	131.66	568.05	-629.84	1,147.99	1,113.95	34.04	33.728		
6,600.00	6,540.80	6,499.92	6,448.94	18.72	17.41	131.54	575.30	-642.36	1,165.01	1,130.36	34.65	33.622		
6,700.00	6,639.57	6,593.22	6,538.67	19.07	17.81	114.92	582.14	-666.72	1,182.31	1,146.95	35.36	33.434		
6,800.00	6,735.67	6,684.49	6,622.07	19.49	18.32	100.88	588.54	-703.02	1,199.47	1,163.21	36.25	33.086		

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)	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	0.01	20.02	0.00	20.02					
100.00	100.00	100.00	100.00	3.28	3.28	0.01	20.02	0.00	20.02	12.50	7.53	2.660		
200.00	200.00	200.00	200.00	3.30	3.30	0.01	20.02	0.00	20.02	12.46	7.57	2.646		
200.00	200.00	200.00	200.00	3.30	3.30	0.01	20.02	0.00	20.02	12.46	7.57	2.646	CC	
300.00	300.00	300.19	300.18	3.34	3.34	133.05	19.79	-0.37	20.09	12.44	7.65	2.626		
400.00	399.93	400.55	400.48	3.40	3.40	131.85	17.93	-3.35	20.63	12.87	7.76	2.658		
500.00	499.68	500.91	500.59	3.48	3.48	129.65	14.21	-9.31	21.73	13.81	7.92	2.745		
600.00	599.13	601.25	600.37	3.59	3.59	126.73	8.63	-18.24	23.43	15.30	8.13	2.883		
700.00	698.21	701.26	699.57	3.73	3.73	125.34	1.91	-28.99	26.04	17.65	8.40	3.101		
800.00	797.24	801.22	798.72	3.90	3.90	124.87	-4.82	-39.76	28.90	20.18	8.72	3.315		
900.00	896.27	901.18	897.87	4.09	4.09	124.49	-11.55	-50.53	31.76	22.68	9.08	3.497		
1,000.00	995.30	1,001.14	997.02	4.31	4.30	124.17	-18.28	-61.30	34.63	25.14	9.49	3.650		
1,100.00	1,094.32	1,101.09	1,096.17	4.54	4.52	123.90	-25.01	-72.07	37.49	27.57	9.92	3.779		
1,200.00	1,193.35	1,201.05	1,195.32	4.79	4.76	123.67	-31.74	-82.84	40.35	29.97	10.39	3.886		
1,300.00	1,292.38	1,301.01	1,294.47	5.05	5.01	123.47	-38.47	-93.61	43.22	32.34	10.87	3.975		
1,400.00	1,391.40	1,400.97	1,393.61	5.32	5.27	123.29	-45.20	-104.39	46.08	34.70	11.38	4.048		
1,500.00	1,490.43	1,500.93	1,492.76	5.60	5.54	123.13	-51.93	-115.16	48.95	37.04	11.91	4.109		
1,600.00	1,589.46	1,600.89	1,591.91	5.89	5.82	123.00	-58.66	-125.93	51.81	39.36	12.46	4.160		
1,700.00	1,688.48	1,700.85	1,691.06	6.19	6.11	122.87	-65.40	-136.70	54.68	41.67	13.01	4.203		
1,800.00	1,787.51	1,800.81	1,790.21	6.35	6.26	122.76	-72.13	-147.47	57.55	44.62	12.93	4.450		
1,900.00	1,886.54	1,900.77	1,889.36	6.39	6.29	122.66	-78.86	-158.24	60.41	47.42	12.99	4.650		
2,000.00	1,985.56	2,000.72	1,988.51	6.44	6.35	122.57	-85.59	-169.01	63.28	50.19	13.09	4.834		
2,100.00	2,084.59	2,100.68	2,087.65	6.52	6.41	122.48	-92.32	-179.78	66.15	52.92	13.22	5.002		
2,200.00	2,183.62	2,200.64	2,186.80	6.61	6.50	122.41	-99.05	-190.56	69.01	55.62	13.39	5.153		
2,300.00	2,282.64	2,300.60	2,285.95	6.72	6.61	122.34	-105.78	-201.33	71.88	58.29	13.59	5.288		
2,400.00	2,381.67	2,400.56	2,385.10	6.85	6.73	122.27	-112.51	-212.10	74.75	60.92	13.82	5.407		
2,500.00	2,480.70	2,500.52	2,484.25	6.99	6.86	122.21	-119.24	-222.87	77.61	63.53	14.09	5.510		
2,600.00	2,579.72	2,600.48	2,583.40	7.15	7.01	122.15	-125.97	-233.64	80.48	66.10	14.38	5.598		
2,700.00	2,678.75	2,700.44	2,682.55	7.33	7.17	122.10	-132.70	-244.41	83.35	68.65	14.69	5.672		
2,800.00	2,777.78	2,800.40	2,781.69	7.51	7.35	122.05	-139.43	-255.18	86.22	71.18	15.04	5.734		
2,900.00	2,876.80	2,900.35	2,880.84	7.71	7.54	122.01	-146.16	-265.95	89.08	73.68	15.40	5.785		
3,000.00	2,975.83	3,000.31	2,979.99	7.92	7.73	121.96	-152.89	-276.73	91.95	76.16	15.79	5.825		
3,100.00	3,074.86	3,100.27	3,079.14	8.14	7.94	121.92	-159.62	-287.50	94.82	78.63	16.19	5.856		
3,200.00	3,173.89	3,200.23	3,178.29	8.37	8.16	121.88	-166.35	-298.27	97.69	81.07	16.62	5.879		
3,300.00	3,272.91	3,300.19	3,277.44	8.60	8.39	121.85	-173.09	-309.04	100.55	83.49	17.06	5.895		
3,400.00	3,371.94	3,400.15	3,376.59	8.85	8.62	121.82	-179.82	-319.81	103.42	85.91	17.51	5.905		
3,500.00	3,470.97	3,500.11	3,475.74	9.10	8.86	121.78	-186.55	-330.58	106.29	88.30	17.99	5.909		
3,600.00	3,569.99	3,600.07	3,574.88	9.36	9.11	121.75	-193.28	-341.35	109.16	90.68	18.47	5.910		
3,700.00	3,669.02	3,700.03	3,674.03	9.63	9.36	121.72	-200.01	-352.13	112.02	93.06	18.97	5.906		
3,800.00	3,768.05	3,800.02	3,773.18	9.90	9.62	121.70	-206.74	-362.90	114.89	95.42	19.48	5.899		
3,900.00	3,867.07	3,900.06	3,872.33	10.18	9.89	121.67	-213.47	-373.67	117.76	97.76	19.99	5.890		
4,000.00	3,966.10	4,000.10	3,971.48	10.46	10.16	121.65	-220.20	-384.44	120.63	100.10	20.52	5.878		
4,100.00	4,065.13	4,100.14	4,070.63	10.75	10.43	121.62	-226.93	-395.21	123.49	102.43	21.06	5.864		
4,200.00	4,164.15	4,200.18	4,169.78	11.04	10.71	121.60	-233.66	-405.98	126.36	104.76	21.60	5.849		
4,300.00	4,263.18	4,300.22	4,268.92	11.33	10.99	121.58	-240.39	-416.75	129.23	107.07	22.16	5.832		
4,400.00	4,362.21	4,400.26	4,368.07	11.63	11.28	121.56	-247.12	-427.52	132.10	109.38	22.72	5.815		
4,500.00	4,461.23	4,500.30	4,467.22	11.93	11.57	121.54	-253.85	-438.30	134.97	111.68	23.28	5.797		
4,600.00	4,560.26	4,600.35	4,566.37	12.24	11.86	121.52	-260.58	-449.07	137.83	113.98	23.86	5.778		
4,700.00	4,659.29	4,700.39	4,665.52	12.54	12.16	121.50	-267.31	-459.84	140.70	116.27	24.43	5.759		
4,800.00	4,758.31	4,800.43	4,764.67	12.85	12.45	121.48	-274.04	-470.61	143.57	118.55	25.02	5.739		
4,900.00	4,857.34	4,899.53	4,863.82	13.16	12.75	121.47	-280.78	-481.38	146.44	120.84	25.60	5.720		
5,000.00	4,956.37	5,000.51	4,962.96	13.48	13.06	121.45	-287.51	-492.15	149.30	123.11	26.20	5.700		
5,100.00	5,055.39	5,100.55	5,062.11	13.80	13.36	121.44	-294.24	-502.92	152.17	125.38	26.79	5.680		
5,200.00	5,154.42	5,199.41	5,161.26	14.11	13.66	121.42	-300.97	-513.69	155.04	127.65	27.39	5.661		
5,300.00	5,253.45	5,300.63	5,260.41	14.43	13.97	121.41	-307.70	-524.47	157.91	129.91	28.00	5.640		
5,400.00	5,352.48	5,399.33	5,359.56	14.76	14.28	121.39	-314.43	-535.24	160.78	132.18	28.60	5.622		
5,500.00	5,451.50	5,500.72	5,458.71	15.08	14.59	121.38	-321.16	-546.01	163.64	134.43	29.21	5.602		
5,600.00	5,550.53	5,600.76	5,557.86	15.41	14.91	121.37	-327.89	-556.78	166.51	136.69	29.83	5.582		
5,700.00	5,649.56	5,699.20	5,657.01	15.73	15.22	121.35	-334.62	-567.55	169.38	138.94	30.44	5.565		
5,800.00	5,748.58	5,800.84	5,756.15	16.06	15.54	121.34	-341.35	-578.32	172.25	141.19	31.06	5.545		
5,900.00	5,847.61	5,900.88	5,855.30	16.39	15.85	121.33	-348.08	-589.09	175.12	143.43	31.68	5.527		
6,000.00	5,946.64	6,000.92	5,954.45	16.72	16.17	121.32	-354.81	-599.86	177.98	145.68	32.31	5.509		
6,100.00	6,045.66	6,100.96	6,053.60	17.05	16.49	121.31	-361.54	-610.64	180.85	147.92	32.93	5.491		
6,200.00	6,144.69	6,201.00	6,152.75	17.38	16.81	121.30	-368.27	-621.41	183.72	150.16	33.56	5.474		
6,300.00	6,243.72	6,301.04	6,251.90	17.72	17.13	121.29	-375.00	-632.18	186.59	152.40	34.19	5.457		
6,400.00	6,342.74	6,393.95	6,345.47	18.05	17.46	119.97	-381.37	-646.82	190.49	155.57	34.92	5.455		



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,441.77	6,484.51	6,431.77	18.39	17.87	115.15	-387.30	-673.33	198.51	162.59	35.93	5.526	
6,600.00	6,540.80	6,568.57	6,507.79	18.72	18.35	108.18	-392.56	-708.69	213.70	176.81	36.88	5.794	
6,700.00	6,639.57	6,645.03	6,572.35	19.07	18.87	84.71	-397.07	-749.32	238.12	200.71	37.41	6.365	
6,800.00	6,735.67	6,718.10	6,629.09	19.49	19.47	65.40	-401.07	-795.13	265.86	228.30	37.56	7.078	
6,900.00	6,826.60	6,789.09	6,678.84	20.02	20.15	55.03	-404.61	-845.59	293.55	256.01	37.54	7.820	
7,000.00	6,910.10	6,858.45	6,721.75	20.68	20.93	48.33	-407.71	-899.96	319.52	282.06	37.46	8.529	
7,100.00	6,984.13	6,926.55	6,757.89	21.49	21.82	43.72	-410.37	-957.57	342.64	305.22	37.41	9.158	
7,200.00	7,046.86	6,993.68	6,787.31	22.50	22.81	40.49	-412.58	-1,017.84	362.15	324.70	37.45	9.671	
7,300.00	7,096.75	7,060.10	6,810.02	23.74	23.92	38.27	-414.35	-1,080.19	377.56	339.94	37.62	10.036	
7,400.00	7,132.56	7,126.01	6,826.04	25.23	25.12	36.84	-415.67	-1,144.08	388.50	350.53	37.97	10.231	
7,500.00	7,153.42	7,191.61	6,835.36	26.97	26.39	36.08	-416.54	-1,208.98	394.78	356.23	38.55	10.241	
7,600.00	7,158.96	7,261.22	6,838.01	28.88	27.82	35.92	-416.98	-1,278.51	396.32	356.77	39.54	10.023	
7,700.00	7,158.66	7,361.22	6,838.09	30.95	30.00	35.99	-417.36	-1,378.51	396.18	354.22	41.96	9.442	
7,800.00	7,158.37	7,461.22	6,838.18	33.16	32.30	36.05	-417.74	-1,478.51	396.04	351.46	44.58	8.885	
7,900.00	7,158.07	7,561.22	6,838.26	35.49	34.70	36.12	-418.12	-1,578.51	395.90	348.53	47.36	8.359	
8,000.00	7,157.78	7,661.22	6,838.34	37.91	37.19	36.18	-418.50	-1,678.50	395.76	345.46	50.30	7.868	
8,100.00	7,157.48	7,761.21	6,838.42	40.41	39.74	36.25	-418.88	-1,778.50	395.62	342.26	53.36	7.414	
8,200.00	7,157.19	7,861.21	6,838.50	42.97	42.35	36.31	-419.26	-1,878.50	395.48	338.96	56.52	6.997	
8,300.00	7,156.89	7,961.21	6,838.58	45.58	45.00	36.38	-419.64	-1,978.50	395.35	335.57	59.78	6.613	
8,400.00	7,156.60	8,061.21	6,838.66	48.24	47.69	36.44	-420.02	-2,078.50	395.21	332.10	63.11	6.262	
8,500.00	7,156.30	8,161.21	6,838.75	50.92	50.41	36.51	-420.40	-2,178.49	395.07	328.56	66.51	5.940	
8,600.00	7,156.01	8,261.21	6,838.83	53.64	53.16	36.57	-420.78	-2,278.49	394.94	324.96	69.97	5.644	
8,700.00	7,155.71	8,361.21	6,838.91	56.38	55.93	36.64	-421.17	-2,378.49	394.80	321.32	73.49	5.372	
8,800.00	7,155.42	8,461.21	6,838.99	59.15	58.72	36.70	-421.55	-2,478.49	394.67	317.62	77.05	5.122	
8,900.00	7,155.12	8,561.21	6,839.07	61.93	61.53	36.77	-421.93	-2,578.49	394.53	313.89	80.65	4.892	
9,000.00	7,154.83	8,661.20	6,839.15	64.73	64.35	36.83	-422.31	-2,678.49	394.40	310.11	84.29	4.679	
9,100.00	7,154.53	8,761.20	6,839.23	67.55	67.18	36.90	-422.69	-2,778.48	394.27	306.31	87.96	4.482	
9,200.00	7,154.24	8,861.20	6,839.31	70.37	70.02	36.96	-423.07	-2,878.48	394.14	302.47	91.66	4.300	
9,300.00	7,153.94	8,961.20	6,839.40	73.21	72.88	37.03	-423.45	-2,978.48	394.00	298.61	95.40	4.130	
9,400.00	7,153.65	9,061.20	6,839.48	76.06	75.74	37.09	-423.83	-3,078.48	393.87	294.72	99.16	3.972	
9,500.00	7,153.35	9,161.20	6,839.56	78.91	78.61	37.16	-424.21	-3,178.48	393.74	290.80	102.94	3.825	
9,600.00	7,153.06	9,261.20	6,839.64	81.77	81.48	37.23	-424.59	-3,278.47	393.61	286.86	106.75	3.687	
9,700.00	7,152.76	9,361.20	6,839.72	84.64	84.36	37.29	-424.97	-3,378.47	393.48	282.91	110.58	3.558	
9,800.00	7,152.47	9,461.20	6,839.80	87.52	87.25	37.36	-425.35	-3,478.47	393.35	278.93	114.43	3.438	
9,900.00	7,152.17	9,561.19	6,839.88	90.40	90.14	37.42	-425.73	-3,578.47	393.22	274.93	118.29	3.324	
10,000.00	7,151.88	9,661.19	6,839.97	93.29	93.04	37.49	-426.11	-3,678.47	393.09	270.91	122.18	3.217	
10,100.00	7,151.58	9,761.19	6,840.05	96.18	95.94	37.55	-426.49	-3,778.47	392.97	266.88	126.08	3.117	
10,200.00	7,151.29	9,861.19	6,840.13	99.08	98.84	37.62	-426.88	-3,878.46	392.84	262.83	130.01	3.022	
10,300.00	7,150.99	9,961.19	6,840.21	101.98	101.75	37.69	-427.26	-3,978.46	392.71	258.77	133.94	2.932	
10,400.00	7,150.70	10,061.19	6,840.29	104.88	104.66	37.75	-427.64	-4,078.46	392.59	254.69	137.90	2.847	
10,500.00	7,150.40	10,161.19	6,840.37	107.78	107.58	37.82	-428.02	-4,178.46	392.46	250.60	141.86	2.766	
10,600.00	7,150.11	10,261.19	6,840.45	110.69	110.49	37.88	-428.40	-4,278.46	392.34	246.49	145.85	2.690	
10,700.00	7,149.81	10,361.19	6,840.54	113.61	113.41	37.95	-428.78	-4,378.45	392.21	242.37	149.84	2.617	
10,800.00	7,149.52	10,461.18	6,840.62	116.52	116.33	38.02	-429.16	-4,478.45	392.09	238.23	153.85	2.548	
10,900.00	7,149.22	10,561.18	6,840.70	119.44	119.25	38.08	-429.54	-4,578.45	391.96	234.09	157.88	2.483	
11,000.00	7,148.93	10,661.18	6,840.78	122.35	122.18	38.15	-429.92	-4,678.45	391.84	229.93	161.92	2.420	
11,100.00	7,148.63	10,761.18	6,840.86	125.28	125.11	38.22	-430.30	-4,778.45	391.72	225.75	165.97	2.360	
11,200.00	7,148.34	10,861.18	6,840.94	128.20	128.03	38.28	-430.68	-4,878.44	391.60	221.57	170.03	2.303	
11,300.00	7,148.04	10,961.18	6,841.02	131.12	130.96	38.35	-431.06	-4,978.44	391.47	217.37	174.10	2.249	
11,400.00	7,147.75	11,061.18	6,841.11	134.05	133.89	38.41	-431.44	-5,078.44	391.35	213.16	178.19	2.196	
11,500.00	7,147.45	11,161.18	6,841.19	136.98	136.83	38.48	-431.82	-5,178.44	391.23	208.94	182.29	2.146	
11,600.00	7,147.16	11,261.18	6,841.27	139.91	139.76	38.55	-432.20	-5,278.44	391.11	204.71	186.40	2.098	
11,700.00	7,146.86	11,361.17	6,841.35	142.84	142.70	38.61	-432.59	-5,378.44	390.99	200.47	190.52	2.052	
11,800.00	7,146.57	11,461.17	6,841.43	145.77	145.63	38.68	-432.97	-5,478.43	390.88	196.22	194.66	2.008	
11,900.00	7,146.27	11,561.17	6,841.51	148.70	148.57	38.75	-433.35	-5,578.43	390.76	191.95	198.80	1.966	
12,000.00	7,145.98	11,661.17	6,841.59	151.63	151.51	38.81	-433.73	-5,678.43	390.64	187.68	202.96	1.925	
12,100.00	7,145.68	11,761.17	6,841.68	154.57	154.45	38.88	-434.11	-5,778.43	390.52	183.40	207.13	1.885	
12,200.00	7,145.39	11,861.17	6,841.76	157.51	157.39	38.95	-434.49	-5,878.43	390.41	179.10	211.31	1.848	
12,300.00	7,145.09	11,961.17	6,841.84	160.44	160.33	39.01	-434.87	-5,978.42	390.29	174.79	215.49	1.811	
12,400.00	7,144.80	12,061.17	6,841.92	163.38	163.27	39.08	-435.25	-6,078.42	390.17	170.48	219.69	1.776	
12,500.00	7,144.50	12,161.17	6,842.00	166.32	166.21	39.15	-435.63	-6,178.42	390.06	166.15	223.91	1.742	
12,600.00	7,144.21	12,261.16	6,842.08	169.26	169.15	39.21	-436.01	-6,278.42	389.94	161.82	228.13	1.709	
12,700.00	7,143.91	12,361.16	6,842.16	172.20	172.10	39.28	-436.39	-6,378.42	389.83	157.47	232.36	1.678	
12,800.00	7,143.62	12,461.16	6,842.25	175.14	175.04	39.35	-436.77	-6,478.42	389.72	153.11	236.60	1.647	
12,900.00	7,143.32	12,561.16	6,842.33	178.08	177.99	39.41	-437.15	-6,578.41	389.60	148.75	240.85	1.618	
13,000.00	7,143.03	12,661.16	6,842.41	181.02	180.93	39.48	-4						

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,142.73	12,761.16	6,842.49	183.97	183.88	39.55	-437.91	-6,778.41	389.38	139.99	249.39	1.561	
13,200.00	7,142.44	12,861.16	6,842.57	186.91	186.82	39.62	-438.30	-6,878.41	389.27	135.59	253.67	1.535	
13,300.00	7,142.14	12,961.16	6,842.65	189.85	189.77	39.68	-438.68	-6,978.41	389.16	131.19	257.97	1.509	
13,400.00	7,141.85	13,061.16	6,842.73	192.80	192.72	39.75	-439.06	-7,078.40	389.05	126.78	262.27	1.483	Level 3
13,500.00	7,141.55	13,161.15	6,842.81	195.74	195.66	39.82	-439.44	-7,178.40	388.94	122.35	266.58	1.459	Level 3
13,600.00	7,141.26	13,261.15	6,842.90	198.69	198.61	39.89	-439.82	-7,278.40	388.83	117.92	270.91	1.435	Level 3
13,700.00	7,140.96	13,361.15	6,842.98	201.64	201.56	39.95	-440.20	-7,378.40	388.72	113.48	275.24	1.412	Level 3
13,800.00	7,140.67	13,461.15	6,843.06	204.58	204.51	40.02	-440.58	-7,478.40	388.61	109.03	279.58	1.390	Level 3
13,900.00	7,140.37	13,561.15	6,843.14	207.53	207.46	40.09	-440.96	-7,578.39	388.50	104.56	283.94	1.368	Level 3
14,000.00	7,140.08	13,661.15	6,843.22	210.48	210.41	40.15	-441.34	-7,678.39	388.39	100.09	288.30	1.347	Level 3
14,100.00	7,139.78	13,761.15	6,843.30	213.42	213.36	40.22	-441.72	-7,778.39	388.29	95.61	292.67	1.327	Level 3
14,200.00	7,139.49	13,861.15	6,843.38	216.37	216.31	40.29	-442.10	-7,878.39	388.18	91.13	297.06	1.307	Level 3
14,300.00	7,139.19	13,961.15	6,843.47	219.32	219.26	40.36	-442.48	-7,978.39	388.08	86.63	301.45	1.287	Level 3
14,400.00	7,138.90	14,061.14	6,843.55	222.27	222.21	40.42	-442.86	-8,078.39	387.97	82.12	305.85	1.269	Level 3
14,500.00	7,138.60	14,161.14	6,843.63	225.22	225.16	40.49	-443.24	-8,178.38	387.87	77.61	310.26	1.250	Level 3
14,600.00	7,138.31	14,261.14	6,843.71	228.17	228.11	40.56	-443.62	-8,278.38	387.76	73.08	314.68	1.232	Level 2
14,700.00	7,138.01	14,361.14	6,843.79	231.12	231.07	40.63	-444.01	-8,378.38	387.66	68.55	319.11	1.215	Level 2
14,800.00	7,137.71	14,461.14	6,843.87	234.07	234.02	40.70	-444.39	-8,478.38	387.56	64.00	323.55	1.198	Level 2
14,900.00	7,137.42	14,561.14	6,843.95	237.02	236.97	40.76	-444.77	-8,578.38	387.45	59.45	328.00	1.181	Level 2
15,000.00	7,137.12	14,661.14	6,844.04	239.97	239.92	40.83	-445.15	-8,678.37	387.35	54.89	332.46	1.165	Level 2
15,100.00	7,136.83	14,761.14	6,844.12	242.92	242.88	40.90	-445.53	-8,778.37	387.25	50.32	336.93	1.149	Level 2
15,200.00	7,136.53	14,861.14	6,844.20	245.87	245.83	40.97	-445.91	-8,878.37	387.15	45.74	341.41	1.134	Level 2
15,300.00	7,136.24	14,961.13	6,844.28	248.82	248.78	41.03	-446.29	-8,978.37	387.05	41.15	345.90	1.119	Level 2
15,400.00	7,135.94	15,061.13	6,844.36	251.77	251.74	41.10	-446.67	-9,078.37	386.95	36.56	350.39	1.104	Level 2
15,500.00	7,135.65	15,161.13	6,844.44	254.73	254.69	41.17	-447.05	-9,178.36	386.85	31.95	354.90	1.090	Level 2
15,600.00	7,135.35	15,261.13	6,844.52	257.68	257.64	41.24	-447.43	-9,278.36	386.75	27.34	359.42	1.076	Level 2
15,700.00	7,135.06	15,361.13	6,844.61	260.63	260.60	41.31	-447.81	-9,378.36	386.66	22.71	363.94	1.062	Level 2
15,800.00	7,134.76	15,461.13	6,844.69	263.58	263.55	41.37	-448.19	-9,478.36	386.56	18.08	368.48	1.049	Level 2
15,900.00	7,134.47	15,561.13	6,844.77	266.53	266.51	41.44	-448.57	-9,578.36	386.46	13.44	373.02	1.036	Level 2
16,000.00	7,134.17	15,661.13	6,844.85	269.49	269.46	41.51	-448.95	-9,678.36	386.37	8.79	377.57	1.023	Level 2
16,100.00	7,133.88	15,761.13	6,844.93	272.44	272.42	41.58	-449.33	-9,778.35	386.27	4.13	382.14	1.011	Level 2
16,200.00	7,133.58	15,861.12	6,845.01	275.39	275.37	41.65	-449.72	-9,878.35	386.17	-0.53	386.71	0.999	Level 1
16,300.00	7,133.29	15,961.12	6,845.09	278.35	278.33	41.71	-450.10	-9,978.35	386.08	-5.21	391.29	0.987	Level 1
16,400.00	7,132.99	16,061.12	6,845.18	281.30	281.28	41.78	-450.48	-10,078.35	385.99	-9.89	395.88	0.975	Level 1
16,500.00	7,132.70	16,161.12	6,845.26	284.25	284.24	41.85	-450.86	-10,178.35	385.89	-14.59	400.48	0.964	Level 1
16,600.00	7,132.40	16,261.12	6,845.34	287.21	287.19	41.92	-451.24	-10,278.34	385.80	-19.29	405.09	0.952	Level 1
16,700.00	7,132.11	16,361.12	6,845.42	290.16	290.15	41.99	-451.62	-10,378.34	385.71	-24.00	409.70	0.941	Level 1
16,800.00	7,131.81	16,461.12	6,845.50	293.12	293.10	42.06	-452.00	-10,478.34	385.61	-28.72	414.33	0.931	Level 1
16,900.00	7,131.52	16,561.12	6,845.58	296.07	296.06	42.12	-452.38	-10,578.34	385.52	-33.44	418.97	0.920	Level 1
17,000.00	7,131.22	16,661.12	6,845.66	299.02	299.02	42.19	-452.76	-10,678.34	385.43	-38.18	423.61	0.910	Level 1
17,100.00	7,130.93	16,761.11	6,845.75	301.98	301.97	42.26	-453.14	-10,778.34	385.34	-42.92	428.27	0.900	Level 1
17,200.00	7,130.63	16,861.11	6,845.83	304.93	304.93	42.33	-453.52	-10,878.33	385.25	-47.68	432.93	0.890	Level 1
17,300.00	7,130.34	16,961.11	6,845.91	307.89	307.88	42.40	-453.90	-10,978.33	385.16	-52.44	437.60	0.880	Level 1
17,400.00	7,130.04	17,061.11	6,845.99	310.84	310.84	42.47	-454.28	-11,078.33	385.08	-57.21	442.28	0.871	Level 1
17,414.80	7,130.00	17,075.91	6,846.00	311.28	311.28	42.48	-454.34	-11,093.12	385.06	-57.91	442.98	0.869	Level 1, ES, 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								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	180.16					
100.00	100.00	103.00	103.00	3.28	3.28	-89.54	1.45	-180.15	180.16	172.63	7.53	23.933		
200.00	200.00	203.00	203.00	3.30	3.30	-89.54	1.45	-180.15	180.16	172.59	7.57	23.800		
258.61	258.61	260.97	260.97	3.32	3.33	43.73	1.45	-180.17	179.96	172.35	7.61	23.637		
300.00	300.00	300.09	300.09	3.34	3.34	43.70	1.29	-180.56	180.27	172.62	7.65	23.565		
400.00	399.93	394.58	394.52	3.40	3.40	44.02	0.09	-183.53	180.89	173.13	7.75	23.331		
500.00	499.68	489.05	488.77	3.48	3.48	44.68	-2.28	-189.39	182.05	174.16	7.89	23.061		
600.00	599.13	583.48	582.72	3.59	3.57	45.64	-5.81	-198.13	183.80	175.72	8.08	22.757		
700.00	698.21	677.84	676.25	3.73	3.70	46.83	-10.49	-209.72	186.48	178.18	8.31	22.453		
800.00	797.24	772.08	769.19	3.90	3.87	47.68	-16.32	-224.14	191.89	183.31	8.58	22.360		
900.00	896.27	866.00	861.26	4.09	4.07	48.06	-23.26	-241.32	200.26	191.35	8.90	22.496		
1,000.00	995.30	959.39	952.17	4.31	4.32	48.03	-31.28	-261.17	211.52	202.26	9.26	22.841		
1,100.00	1,094.32	1,057.31	1,046.96	4.54	4.62	47.74	-40.47	-283.93	224.72	215.03	9.70	23.177		
1,200.00	1,193.35	1,156.43	1,142.89	4.79	4.96	47.48	-49.80	-307.01	237.99	227.81	10.17	23.390		
1,300.00	1,292.38	1,255.54	1,238.82	5.05	5.33	47.25	-59.13	-330.10	251.26	240.58	10.68	23.518		
1,400.00	1,391.40	1,354.65	1,334.76	5.32	5.71	47.04	-68.46	-353.19	264.53	253.31	11.22	23.579		
1,500.00	1,490.43	1,453.76	1,430.69	5.60	6.12	46.85	-77.78	-376.27	277.81	266.04	11.77	23.606		
1,600.00	1,589.46	1,552.87	1,526.62	5.89	6.53	46.67	-87.11	-399.36	291.09	278.75	12.34	23.586		
1,700.00	1,688.48	1,651.98	1,622.55	6.19	6.96	46.52	-96.44	-422.44	304.37	291.44	12.93	23.543		
1,800.00	1,787.51	1,751.09	1,718.49	6.35	7.30	46.37	-105.76	-445.53	317.66	304.55	13.10	24.243		
1,900.00	1,886.54	1,850.20	1,814.42	6.39	7.45	46.24	-115.09	-468.62	330.94	317.89	13.06	25.349		
2,000.00	1,985.56	1,949.31	1,910.35	6.44	7.54	46.11	-124.42	-491.70	344.23	331.09	13.14	26.196		
2,100.00	2,084.59	2,048.42	2,006.28	6.52	7.66	46.00	-133.75	-514.79	357.52	344.25	13.27	26.951		
2,200.00	2,183.62	2,147.53	2,102.21	6.61	7.81	45.90	-143.07	-537.88	370.81	357.38	13.43	27.611		
2,300.00	2,282.64	2,246.64	2,198.15	6.72	7.99	45.80	-152.40	-560.96	384.10	370.47	13.63	28.178		
2,400.00	2,381.67	2,345.75	2,294.08	6.85	8.20	45.71	-161.73	-584.05	397.40	383.53	13.87	28.654		
2,500.00	2,480.70	2,444.86	2,390.01	6.99	8.43	45.62	-171.06	-607.13	410.69	396.55	14.14	29.046		
2,600.00	2,579.72	2,543.97	2,485.94	7.15	8.68	45.54	-180.38	-630.22	423.98	409.54	14.44	29.358		
2,700.00	2,678.75	2,643.08	2,581.87	7.33	8.96	45.46	-189.71	-653.31	437.28	422.51	14.77	29.598		
2,800.00	2,777.78	2,742.20	2,677.81	7.51	9.25	45.39	-199.04	-676.39	450.57	435.44	15.13	29.774		
2,900.00	2,876.80	2,841.31	2,773.74	7.71	9.56	45.33	-208.36	-699.48	463.87	448.35	15.52	29.892		
3,000.00	2,975.83	2,940.42	2,869.67	7.92	9.89	45.26	-217.69	-722.56	477.17	461.24	15.93	29.960		
3,100.00	3,074.86	3,039.53	2,965.60	8.14	10.23	45.20	-227.02	-745.65	490.47	474.11	16.36	29.986		
3,200.00	3,173.89	3,138.64	3,061.53	8.37	10.58	45.15	-236.35	-768.74	503.76	486.96	16.81	29.974		
3,300.00	3,272.91	3,237.75	3,157.47	8.60	10.95	45.09	-245.67	-791.82	517.06	499.79	17.28	29.931		
3,400.00	3,371.94	3,336.86	3,253.40	8.85	11.32	45.04	-255.00	-814.91	530.36	512.60	17.76	29.863		
3,500.00	3,470.97	3,435.97	3,349.33	9.10	11.71	44.99	-264.33	-837.99	543.66	525.40	18.26	29.773		
3,600.00	3,569.99	3,535.08	3,445.26	9.36	12.10	44.95	-273.65	-861.08	556.96	538.19	18.77	29.665		
3,700.00	3,669.02	3,634.19	3,541.19	9.63	12.50	44.90	-282.98	-884.17	570.26	550.96	19.30	29.544		
3,800.00	3,768.05	3,733.30	3,637.13	9.90	12.91	44.86	-292.31	-907.25	583.56	563.72	19.84	29.411		
3,900.00	3,867.07	3,832.41	3,733.06	10.18	13.33	44.82	-301.64	-930.34	596.86	576.47	20.39	29.270		
4,000.00	3,966.10	3,931.52	3,828.99	10.46	13.75	44.78	-310.96	-953.42	610.16	589.21	20.95	29.123		
4,100.00	4,065.13	4,030.63	3,924.92	10.75	14.17	44.74	-320.29	-976.51	623.47	601.95	21.52	28.970		
4,200.00	4,164.15	4,129.74	4,020.85	11.04	14.61	44.71	-329.62	-999.60	636.77	614.67	22.10	28.815		
4,300.00	4,263.18	4,228.86	4,116.79	11.33	15.04	44.68	-338.94	-1,022.68	650.07	627.39	22.68	28.658		
4,400.00	4,362.21	4,327.97	4,212.72	11.63	15.48	44.64	-348.27	-1,045.77	663.37	640.10	23.28	28.500		
4,500.00	4,461.23	4,427.08	4,308.65	11.93	15.92	44.61	-357.60	-1,068.85	676.67	652.80	23.88	28.341		
4,600.00	4,560.26	4,526.19	4,404.58	12.24	16.37	44.58	-366.93	-1,091.94	689.98	665.50	24.48	28.184		
4,700.00	4,659.29	4,625.30	4,500.51	12.54	16.82	44.55	-376.25	-1,115.03	703.28	678.19	25.09	28.028		
4,800.00	4,758.31	4,724.41	4,596.45	12.85	17.27	44.52	-385.58	-1,138.11	716.58	690.87	25.71	27.874		
4,900.00	4,857.34	4,823.52	4,692.38	13.16	17.72	44.50	-394.91	-1,161.20	729.89	703.56	26.33	27.721		
5,000.00	4,956.37	4,922.63	4,788.31	13.48	18.18	44.47	-404.23	-1,184.29	743.19	716.23	26.96	27.571		
5,100.00	5,055.39	5,021.74	4,884.24	13.80	18.64	44.45	-413.56	-1,207.37	756.49	728.91	27.58	27.424		
5,200.00	5,154.42	5,120.85	4,980.17	14.11	19.10	44.42	-422.89	-1,230.46	769.79	741.58	28.22	27.280		
5,300.00	5,253.45	5,219.96	5,076.11	14.43	19.57	44.40	-432.22	-1,253.54	783.10	754.24	28.86	27.138		
5,400.00	5,352.48	5,319.07	5,172.04	14.76	20.03	44.38	-441.54	-1,276.63	796.40	766.90	29.50	26.999		
5,500.00	5,451.50	5,418.18	5,267.97	15.08	20.50	44.36	-450.87	-1,299.72	809.71	779.56	30.14	26.864		
5,600.00	5,550.53	5,517.29	5,363.90	15.41	20.97	44.34	-460.20	-1,322.80	823.01	792.22	30.79	26.731		
5,700.00	5,649.56	5,616.40	5,459.83	15.73	21.44	44.31	-469.52	-1,345.89	836.31	804.88	31.44	26.602		
5,800.00	5,748.58	5,715.51	5,555.77	16.06	21.91	44.30	-478.85	-1,368.97	849.62	817.53	32.09	26.475		
5,900.00	5,847.61	5,814.63	5,651.70	16.39	22.38	44.28	-488.18	-1,392.06	862.92	830.18	32.75	26.352		
6,000.00	5,946.64	5,913.74	5,747.63	16.72	22.86	44.26	-497.51	-1,415.15	876.23	842.82	33.40	26.232		
6,100.00	6,045.66	6,012.85	5,843.56	17.05	23.33	44.24	-506.83	-1,438.23	889.53	855.47	34.06	26.115		
6,200.00	6,144.69	6,111.96	5,939.49	17.38	23.81	44.22	-516.16	-1,461.32	902.84	868.11	34.72	26.000		
6,300.00	6,243.72	6,211.07	6,035.43	17.72	24.29	44.21	-525.49	-1,484.40	916.14	880.75	35.39	25.889		
6,400.00	6,342.74	6,309.59	6,185.37	18.05	24.76	44.20	-534.81	-1,507.47	929.44	893.31	36.06	25.782		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,441.77	8,060.34	7,185.22	18.39	36.79	-140.55	-643.31	-627.98	743.60	713.57	30.03	24.761	
6,600.00	6,540.80	8,052.10	7,185.07	18.72	36.63	-141.22	-643.25	-636.22	643.94	613.70	30.24	21.294	
6,700.00	6,639.57	8,041.87	7,184.88	19.07	36.42	-154.80	-643.18	-646.45	544.50	514.06	30.44	17.889	
6,800.00	6,735.67	8,018.11	7,184.44	19.49	35.95	-165.76	-643.01	-670.20	447.48	416.93	30.55	14.649	
6,900.00	6,826.60	7,979.46	7,183.72	20.02	35.22	-170.36	-642.73	-708.84	355.37	324.81	30.56	11.628	
7,000.00	6,910.10	7,926.88	7,182.75	20.68	34.26	-173.04	-642.36	-761.41	270.46	239.96	30.50	8.868	
7,100.00	6,984.13	7,861.67	7,181.55	21.49	33.14	-175.10	-641.89	-826.62	194.84	164.46	30.37	6.415	
7,200.00	7,046.86	7,785.41	7,180.14	22.50	31.92	-177.31	-641.35	-902.85	130.40	100.18	30.23	4.314	
7,300.00	7,096.75	7,696.73	7,177.94	23.74	30.66	179.06	-640.66	-991.50	78.34	48.35	29.99	2.612	
7,400.00	7,132.56	7,601.19	7,165.10	25.23	29.49	165.44	-638.89	-1,086.07	30.90	-1.39	32.29	0.957 Level 1	
7,461.11	7,147.13	7,546.20	7,151.36	26.28	28.91	97.07	-637.25	-1,139.27	10.22	-43.66	53.89	0.190 Level 1, CC, ES, SF	
7,500.00	7,153.42	7,512.32	7,140.64	26.97	28.58	39.33	-636.03	-1,171.38	20.92	-15.26	36.18	0.578 Level 1	
7,600.00	7,158.96	7,428.68	7,107.03	28.88	27.91	17.15	-632.31	-1,247.82	64.69	35.08	29.61	2.185	
7,700.00	7,158.66	7,353.38	7,068.48	30.95	27.44	12.99	-628.17	-1,312.31	115.75	85.91	29.84	3.879	
7,800.00	7,158.37	7,288.49	7,029.37	33.16	27.14	11.12	-624.04	-1,363.89	176.11	145.38	30.73	5.730	
7,900.00	7,158.07	7,233.09	6,991.99	35.49	26.95	10.09	-620.14	-1,404.57	243.78	212.04	31.74	7.681	
8,000.00	7,157.78	7,185.91	6,957.48	37.91	26.82	9.45	-616.57	-1,436.52	317.16	284.48	32.68	9.704	
8,100.00	7,157.48	7,150.00	6,929.68	40.41	26.75	9.06	-613.71	-1,459.08	395.09	361.44	33.64	11.743	
8,200.00	7,157.19	7,111.20	6,898.28	42.97	26.68	8.72	-610.50	-1,481.64	476.48	442.21	34.26	13.906	
8,300.00	7,156.89	7,081.50	6,873.36	45.58	26.65	8.49	-607.96	-1,497.57	560.73	525.83	34.90	16.069	
8,400.00	7,156.60	7,050.00	6,846.14	48.24	26.61	8.28	-605.20	-1,513.18	647.29	611.94	35.35	18.309	
8,500.00	7,156.30	7,033.29	6,831.40	50.92	26.60	8.18	-603.70	-1,520.91	735.59	699.68	35.91	20.482	
8,600.00	7,156.01	7,013.57	6,813.76	53.64	26.58	8.06	-601.92	-1,529.52	825.45	789.12	36.32	22.724	
8,700.00	7,155.71	7,000.00	6,801.46	56.38	26.57	7.99	-600.68	-1,535.13	916.56	879.84	36.73	24.957	
8,800.00	7,155.42	6,980.67	6,783.74	59.15	26.56	7.90	-598.89	-1,542.66	1,008.67	971.67	37.00	27.258	
8,900.00	7,155.12	6,966.84	6,770.93	61.93	26.55	7.83	-597.60	-1,547.71	1,101.67	1,064.38	37.29	29.543	
9,000.00	7,154.83	6,950.00	6,755.20	64.73	26.54	7.76	-596.02	-1,553.49	1,195.44	1,157.92	37.52	31.864	

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 (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	-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	
268.30	268.30	270.11	270.11	3.33	3.33	50.10	21.48	-179.94	180.96	173.34	7.62	23.743	CC, ES
300.00	300.00	300.02	300.02	3.34	3.34	50.07	21.40	-180.30	181.31	173.66	7.65	23.700	
400.00	399.93	394.38	394.32	3.40	3.40	50.50	20.68	-183.42	182.26	174.51	7.75	23.506	
500.00	499.68	488.67	488.40	3.48	3.48	51.38	19.28	-189.56	184.12	176.23	7.90	23.318	
600.00	599.13	582.87	582.12	3.59	3.58	52.66	17.18	-198.70	186.95	178.87	8.08	23.137	
700.00	698.21	676.94	675.36	3.73	3.71	54.23	14.41	-210.82	191.09	182.78	8.31	22.991	
800.00	797.24	770.82	767.95	3.90	3.87	55.48	10.95	-225.89	198.09	189.50	8.59	23.055	
900.00	896.27	864.32	859.62	4.09	4.07	56.26	6.85	-243.83	208.10	199.19	8.92	23.337	
1,000.00	995.30	957.76	950.08	4.31	4.31	56.60	2.10	-264.54	221.03	211.75	9.28	23.811	
1,100.00	1,094.32	1,056.20	1,046.03	4.54	4.61	56.75	-3.30	-288.12	235.41	225.67	9.73	24.182	
1,200.00	1,193.35	1,155.16	1,141.99	4.79	4.95	56.88	-8.70	-311.70	249.79	239.56	10.22	24.434	
1,300.00	1,292.38	1,254.12	1,237.95	5.05	5.30	57.00	-14.10	-335.28	264.16	253.42	10.74	24.592	
1,400.00	1,391.40	1,353.08	1,333.90	5.32	5.68	57.10	-19.50	-358.86	278.54	267.25	11.29	24.675	
1,500.00	1,490.43	1,452.04	1,429.86	5.60	6.08	57.20	-24.90	-382.44	292.92	281.07	11.85	24.719	
1,600.00	1,589.46	1,551.00	1,525.82	5.89	6.48	57.28	-30.30	-406.02	307.30	294.86	12.44	24.709	
1,700.00	1,688.48	1,649.96	1,621.78	6.19	6.90	57.36	-35.70	-429.60	321.68	308.64	13.04	24.672	
1,800.00	1,787.51	1,748.92	1,717.73	6.35	7.23	57.43	-41.10	-453.19	336.06	322.83	13.23	25.403	
1,900.00	1,886.54	1,847.88	1,813.69	6.39	7.39	57.49	-46.50	-476.77	350.44	337.25	13.20	26.559	
2,000.00	1,985.56	1,946.84	1,909.65	6.44	7.47	57.55	-51.90	-500.35	364.83	351.53	13.29	27.450	
2,100.00	2,084.59	2,045.80	2,005.61	6.52	7.59	57.61	-57.30	-523.93	379.21	365.78	13.43	28.242	
2,200.00	2,183.62	2,144.75	2,101.56	6.61	7.73	57.66	-62.70	-547.51	393.59	379.99	13.60	28.933	
2,300.00	2,282.64	2,243.71	2,197.52	6.72	7.90	57.71	-68.10	-571.09	407.97	394.16	13.82	29.526	
2,400.00	2,381.67	2,342.67	2,293.48	6.85	8.10	57.75	-73.50	-594.67	422.36	408.29	14.07	30.022	
2,500.00	2,480.70	2,441.63	2,389.43	6.99	8.33	57.80	-78.91	-618.25	436.74	422.39	14.35	30.429	
2,600.00	2,579.72	2,540.59	2,485.39	7.15	8.57	57.83	-84.31	-641.84	451.12	436.45	14.67	30.751	
2,700.00	2,678.75	2,639.55	2,581.35	7.33	8.84	57.87	-89.71	-665.42	465.51	450.49	15.02	30.997	
2,800.00	2,777.78	2,738.51	2,677.31	7.51	9.12	57.91	-95.11	-689.00	479.89	464.50	15.39	31.176	
2,900.00	2,876.80	2,837.47	2,773.26	7.71	9.42	57.94	-100.51	-712.58	494.27	478.48	15.79	31.294	
3,000.00	2,975.83	2,936.43	2,869.22	7.92	9.74	57.97	-105.91	-736.16	508.66	492.44	16.22	31.359	
3,100.00	3,074.86	3,035.39	2,965.18	8.14	10.07	58.00	-111.31	-759.74	523.04	506.38	16.67	31.380	
3,200.00	3,173.89	3,134.35	3,061.13	8.37	10.41	58.02	-116.71	-783.32	537.43	520.29	17.14	31.362	
3,300.00	3,272.91	3,233.31	3,157.09	8.60	10.77	58.05	-122.11	-806.91	551.81	534.19	17.62	31.311	
3,400.00	3,371.94	3,332.27	3,253.05	8.85	11.13	58.07	-127.51	-830.49	566.20	548.07	18.13	31.234	
3,500.00	3,470.97	3,431.23	3,349.01	9.10	11.51	58.10	-132.91	-854.07	580.58	561.93	18.65	31.135	
3,600.00	3,569.99	3,530.19	3,444.96	9.36	11.89	58.12	-138.31	-877.65	594.97	575.79	19.18	31.018	
3,700.00	3,669.02	3,629.15	3,540.92	9.63	12.28	58.14	-143.71	-901.23	609.35	589.62	19.73	30.887	
3,800.00	3,768.05	3,728.11	3,636.88	9.90	12.68	58.16	-149.11	-924.81	623.74	603.45	20.29	30.744	
3,900.00	3,867.07	3,827.07	3,732.83	10.18	13.08	58.18	-154.51	-948.39	638.12	617.26	20.86	30.593	
4,000.00	3,966.10	3,926.03	3,828.79	10.46	13.49	58.20	-159.92	-971.97	652.51	631.07	21.44	30.435	
4,100.00	4,065.13	4,024.99	3,924.75	10.75	13.90	58.22	-165.32	-995.56	666.89	644.86	22.03	30.272	
4,200.00	4,164.15	4,123.95	4,020.71	11.04	14.32	58.23	-170.72	-1,019.14	681.28	658.65	22.63	30.107	
4,300.00	4,263.18	4,222.91	4,116.66	11.33	14.75	58.25	-176.12	-1,042.72	695.66	672.43	23.24	29.940	
4,400.00	4,362.21	4,321.87	4,212.62	11.63	15.18	58.27	-181.52	-1,066.30	710.05	686.20	23.85	29.772	
4,500.00	4,461.23	4,420.83	4,308.58	11.93	15.61	58.28	-186.92	-1,089.88	724.43	699.96	24.47	29.604	
4,600.00	4,560.26	4,519.79	4,404.53	12.24	16.04	58.29	-192.32	-1,113.46	738.82	713.72	25.10	29.438	
4,700.00	4,659.29	4,618.75	4,500.49	12.54	16.48	58.31	-197.72	-1,137.04	753.21	727.47	25.73	29.273	
4,800.00	4,758.31	4,717.71	4,596.45	12.85	16.92	58.32	-203.12	-1,160.62	767.59	741.22	26.37	29.110	
4,900.00	4,857.34	4,816.67	4,692.41	13.16	17.36	58.33	-208.52	-1,184.21	781.98	754.96	27.01	28.949	
5,000.00	4,956.37	4,915.63	4,788.36	13.48	17.81	58.35	-213.92	-1,207.79	796.36	768.70	27.66	28.791	
5,100.00	5,055.39	5,014.59	4,884.32	13.80	18.26	58.36	-219.32	-1,231.37	810.75	782.43	28.31	28.635	
5,200.00	5,154.42	5,113.55	4,980.28	14.11	18.71	58.37	-224.72	-1,254.95	825.13	796.16	28.97	28.483	
5,300.00	5,253.45	5,212.51	5,076.23	14.43	19.16	58.38	-230.12	-1,278.53	839.52	809.89	29.63	28.334	
5,400.00	5,352.48	5,311.47	5,172.19	14.76	19.62	58.39	-235.52	-1,302.11	853.91	823.61	30.29	28.188	
5,500.00	5,451.50	5,410.43	5,268.15	15.08	20.07	58.40	-240.93	-1,325.69	868.29	837.33	30.96	28.046	
5,600.00	5,550.53	5,509.38	5,364.11	15.41	20.53	58.41	-246.33	-1,349.27	882.68	851.05	31.63	27.906	
5,700.00	5,649.56	5,608.34	5,460.06	15.73	20.99	58.42	-251.73	-1,372.86	897.06	864.76	32.30	27.770	
5,800.00	5,748.58	5,707.30	5,556.02	16.06	21.45	58.43	-257.13	-1,396.44	911.45	878.47	32.98	27.638	
5,900.00	5,847.61	5,806.26	5,651.98	16.39	21.91	58.44	-262.53	-1,420.02	925.83	892.18	33.66	27.508	
6,000.00	5,946.64	5,905.22	5,747.94	16.72	22.37	58.45	-267.93	-1,443.60	940.22	905.88	34.34	27.382	
6,100.00	6,045.66	6,004.18	5,843.89	17.05	22.84	58.46	-273.33	-1,467.18	954.61	919.59	35.02	27.259	
6,200.00	6,144.69	7,951.14	7,063.19	17.38	37.15	148.54	-355.25	-598.89	935.67	904.80	30.87	30.313	
6,300.00	6,243.72	7,943.05	7,063.04	17.72	36.98	146.98	-355.14	-606.97	841.10	809.45	31.65	26.578	
6,400.00	6,342.74	7,934.97	7,062.88	18.05	36.81	145.41	-355.04	-615.05	747.86	715.21	32.65	22.904	

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 (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	6,441.77	7,926.88	7,062.72	18.39	36.64	143.81	-354.94	-623.14	656.51	622.52	33.99	19.315			
6,600.00	6,540.80	7,918.80	7,062.56	18.72	36.47	142.20	-354.84	-631.22	567.96	532.13	35.83	15.853			
6,700.00	6,639.57	7,908.73	7,062.36	19.07	36.26	131.52	-354.71	-641.28	483.96	445.58	38.38	12.610			
6,800.00	6,735.67	7,885.13	7,061.90	19.49	35.79	125.25	-354.42	-664.88	408.88	367.15	41.74	9.797			
6,900.00	6,826.60	7,846.63	7,061.15	20.02	35.03	120.66	-353.94	-703.37	348.05	302.27	45.78	7.603			
7,000.00	6,910.10	7,805.81	7,060.12	20.68	34.23	113.89	-353.28	-755.79	306.42	256.49	49.93	6.137			
7,100.00	6,984.13	7,729.10	7,058.85	21.49	32.84	104.64	-352.46	-820.87	286.33	233.99	52.33	5.471			
7,158.00	7,022.00	7,686.17	7,058.01	22.07	32.09	98.52	-351.92	-863.79	283.59	230.66	52.93	5.358 SF			
7,200.00	7,046.86	7,652.96	7,057.36	22.50	31.55	93.98	-351.51	-896.99	284.79	231.84	52.95	5.378			
7,300.00	7,096.75	7,569.03	7,055.56	23.74	30.25	83.95	-350.45	-980.89	294.49	242.20	52.29	5.632			
7,400.00	7,132.56	7,490.49	7,047.42	25.23	29.16	75.66	-349.08	-1,058.95	310.06	259.03	51.03	6.076			
7,500.00	7,153.42	7,415.13	7,030.66	26.97	28.23	68.55	-347.25	-1,132.35	329.36	279.81	49.54	6.648			
7,600.00	7,158.96	7,342.30	7,006.34	28.88	27.46	62.85	-345.04	-1,200.93	350.35	302.23	48.12	7.280			
7,700.00	7,158.66	7,274.55	6,976.84	30.95	26.87	58.88	-342.60	-1,261.83	376.95	330.37	46.58	8.092			
7,800.00	7,158.37	7,213.88	6,945.07	33.16	26.44	55.00	-340.13	-1,313.43	412.52	367.68	44.85	9.198			
7,900.00	7,158.07	7,160.16	6,912.95	35.49	26.13	51.46	-337.75	-1,356.40	456.95	413.80	43.16	10.588			
8,000.00	7,157.78	7,112.92	6,881.81	37.91	25.91	48.36	-335.51	-1,391.83	509.51	467.83	41.68	12.224			
8,100.00	7,157.48	7,071.48	6,852.39	40.41	25.76	45.72	-333.44	-1,420.94	569.16	528.66	40.50	14.053			
8,200.00	7,157.19	7,035.12	6,825.07	42.97	25.65	43.48	-331.55	-1,444.84	634.81	595.20	39.61	16.025			
8,300.00	7,156.89	7,000.00	6,797.42	45.58	25.56	41.41	-329.67	-1,466.42	705.48	666.50	38.98	18.100			
8,400.00	7,156.60	6,975.00	6,777.04	48.24	25.52	40.00	-328.30	-1,480.83	780.23	741.68	38.55	20.238			
8,500.00	7,156.30	6,950.00	6,756.11	50.92	25.47	38.65	-326.91	-1,494.42	858.41	820.14	38.27	22.429			
8,600.00	7,156.01	6,927.92	6,737.19	53.64	25.44	37.49	-325.66	-1,505.74	939.40	901.30	38.10	24.657			
8,700.00	7,155.71	6,900.00	6,712.73	56.38	25.41	36.09	-324.07	-1,519.10	1,022.82	984.84	37.99	26.927			
8,800.00	7,155.42	6,900.00	6,712.73	59.15	25.41	36.09	-324.07	-1,519.10	1,108.14	1,070.16	37.99	29.171			
8,900.00	7,155.12	6,874.48	6,689.88	61.93	25.38	34.88	-322.59	-1,530.35	1,194.98	1,157.02	37.96	31.476			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 9N-8C-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
3,900.00	3,867.07	3,828.82	3,823.07	10.18	8.43	-55.34	-1,514.04	-172.63	1,199.30	1,180.79	18.51	64.782	
4,000.00	3,966.10	3,928.48	3,922.56	10.46	8.65	-55.67	-1,518.24	-176.54	1,194.96	1,175.96	18.99	62.910	
4,100.00	4,065.13	4,028.14	4,022.06	10.75	8.87	-56.01	-1,522.43	-180.45	1,190.66	1,171.17	19.49	61.104	
4,200.00	4,164.15	4,127.80	4,121.56	11.04	9.09	-56.35	-1,526.63	-184.36	1,186.39	1,166.41	19.99	59.362	
4,300.00	4,263.18	4,227.46	4,221.05	11.33	9.32	-56.69	-1,530.82	-188.28	1,182.17	1,161.68	20.49	57.683	
4,400.00	4,362.21	4,327.13	4,320.55	11.63	9.55	-57.03	-1,535.02	-192.19	1,178.00	1,156.99	21.01	56.067	
4,500.00	4,461.23	4,426.79	4,420.05	11.93	9.78	-57.37	-1,539.22	-196.10	1,173.86	1,152.33	21.53	54.512	
4,600.00	4,560.26	4,526.45	4,519.54	12.24	10.02	-57.72	-1,543.41	-200.01	1,169.77	1,147.71	22.06	53.016	
4,700.00	4,659.29	4,626.11	4,619.04	12.54	10.26	-58.07	-1,547.61	-203.93	1,165.72	1,143.12	22.60	51.578	
4,800.00	4,758.31	4,725.77	4,718.54	12.85	10.50	-58.42	-1,551.80	-207.84	1,161.72	1,138.57	23.14	50.196	
4,900.00	4,857.34	4,825.44	4,818.03	13.16	10.75	-58.78	-1,556.00	-211.75	1,157.76	1,134.06	23.69	48.867	
5,000.00	4,956.37	4,925.10	4,917.53	13.48	11.00	-59.14	-1,560.19	-215.66	1,153.84	1,129.60	24.25	47.589	
5,100.00	5,055.39	5,024.76	5,017.03	13.80	11.25	-59.50	-1,564.39	-219.58	1,149.97	1,125.17	24.80	46.361	
5,200.00	5,154.42	5,124.42	5,116.52	14.11	11.50	-59.86	-1,568.59	-223.49	1,146.15	1,120.78	25.37	45.180	
5,300.00	5,253.45	5,224.08	5,216.02	14.43	11.75	-60.22	-1,572.78	-227.40	1,142.37	1,116.43	25.94	44.045	
5,400.00	5,352.48	5,323.75	5,315.52	14.76	12.01	-60.59	-1,576.98	-231.31	1,138.64	1,112.13	26.51	42.953	
5,500.00	5,451.50	5,423.41	5,415.01	15.08	12.26	-60.96	-1,581.17	-235.23	1,134.96	1,107.87	27.09	41.903	
5,600.00	5,550.53	5,523.07	5,514.51	15.41	12.52	-61.33	-1,585.37	-239.14	1,131.32	1,103.65	27.67	40.893	
5,700.00	5,649.56	5,622.73	5,614.01	15.73	12.78	-61.71	-1,589.56	-243.05	1,127.73	1,099.48	28.25	39.921	
5,800.00	5,748.58	5,722.39	5,713.50	16.06	13.04	-62.08	-1,593.76	-246.96	1,124.19	1,095.36	28.84	38.985	
5,900.00	5,847.61	5,822.06	5,813.00	16.39	13.30	-62.46	-1,597.96	-250.88	1,120.70	1,091.27	29.43	38.084	
6,000.00	5,946.64	5,921.72	5,912.50	16.72	13.57	-62.84	-1,602.15	-254.79	1,117.26	1,087.24	30.02	37.216	
6,100.00	6,045.66	6,021.38	6,011.99	17.05	13.83	-63.23	-1,606.35	-258.70	1,113.87	1,083.25	30.62	36.380	
6,200.00	6,144.69	6,121.04	6,111.49	17.38	14.10	-63.61	-1,610.54	-262.61	1,110.53	1,079.31	31.22	35.574	
6,300.00	6,243.72	6,220.70	6,210.99	17.72	14.36	-64.00	-1,614.74	-266.53	1,107.24	1,075.42	31.82	34.797	
6,400.00	6,342.74	6,320.37	6,310.48	18.05	14.63	-64.39	-1,618.93	-270.44	1,104.00	1,071.58	32.42	34.048	
6,500.00	6,441.77	6,420.03	6,409.98	18.39	14.90	-64.78	-1,623.13	-274.35	1,100.82	1,067.78	33.03	33.325	
6,600.00	6,540.80	6,519.69	6,509.48	18.72	15.17	-65.18	-1,627.33	-278.27	1,097.68	1,064.04	33.64	32.628	
6,675.65	6,615.44	6,573.41	6,563.13	18.98	15.29	-78.03	-1,629.61	-279.32	1,096.64	1,062.60	34.04	32.218	
6,700.00	6,639.57	6,588.59	6,578.29	19.07	15.32	-80.79	-1,630.27	-278.86	1,096.39	1,062.24	34.15	32.103 CC, ES	
6,800.00	6,735.67	6,650.00	6,639.36	19.49	15.43	-93.16	-1,632.99	-273.32	1,103.20	1,068.46	34.75	31.751	
6,900.00	6,826.60	6,700.00	6,688.51	20.02	15.52	-97.87	-1,635.26	-264.48	1,119.70	1,084.25	35.45	31.582 SF	
7,000.00	6,910.10	6,734.04	6,721.50	20.68	15.58	-99.16	-1,636.83	-256.26	1,146.67	1,110.41	36.25	31.629	
7,100.00	6,984.13	6,761.22	6,747.50	21.49	15.62	-98.28	-1,638.09	-248.44	1,184.28	1,147.11	37.17	31.864	



Offset Design		5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	36.54	900.55	667.39	1,121.15				
100.00	100.00	76.29	76.29	3.28	3.28	36.56	900.30	667.72	1,120.88	1,113.53	7.35	152.407	
200.00	200.00	178.73	178.72	3.30	3.29	36.63	899.43	668.69	1,120.77	1,113.39	7.39	151.748	
283.81	283.81	272.43	272.42	3.34	3.32	169.88	898.41	669.10	1,120.87	1,113.43	7.44	150.634	
300.00	300.00	290.99	290.97	3.34	3.32	169.89	898.13	669.09	1,120.50	1,113.04	7.45	150.307	CC, ES
400.00	399.93	407.20	407.16	3.40	3.37	169.93	896.07	667.87	1,121.88	1,114.32	7.56	148.463	
500.00	499.68	513.69	513.59	3.48	3.43	169.93	894.14	665.02	1,125.70	1,118.01	7.69	146.297	
600.00	599.13	609.49	609.32	3.59	3.50	169.89	892.93	661.63	1,132.87	1,125.01	7.87	144.032	
700.00	698.21	705.59	705.34	3.73	3.57	169.86	892.28	657.91	1,143.31	1,135.24	8.07	141.662	
800.00	797.24	805.73	805.41	3.90	3.66	169.84	891.71	654.06	1,154.28	1,145.98	8.30	139.056	
900.00	896.27	902.22	901.84	4.09	3.76	169.85	891.02	650.70	1,165.35	1,156.80	8.56	136.201	
1,000.00	995.30	1,002.94	1,002.51	4.31	3.87	169.88	890.01	647.68	1,176.48	1,167.64	8.84	133.090	
1,100.00	1,094.32	1,101.56	1,101.09	4.54	3.99	169.92	888.91	644.85	1,187.59	1,178.45	9.14	129.876	
1,200.00	1,193.35	1,204.40	1,203.87	4.79	4.12	169.96	887.65	641.84	1,198.58	1,189.11	9.47	126.526	SF

Offset Design 5N-66W-07 Offsets - NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
0.00	0.00	0.00	0.00	3.28	3.28	37.91	864.12	672.96	1,095.50				
100.00	100.00	80.25	80.25	3.28	3.28	37.91	863.99	672.94	1,095.14	1,087.79	7.35	148.905	
200.00	200.00	177.93	177.93	3.30	3.29	37.92	863.78	672.81	1,094.89	1,087.51	7.39	148.244	
204.07	204.07	181.84	181.84	3.30	3.29	171.11	863.79	672.80	1,094.89	1,087.50	7.39	148.205 CC, ES	
300.00	300.00	280.74	280.74	3.34	3.32	171.10	863.89	672.43	1,095.18	1,087.73	7.45	146.963	
400.00	399.93	381.15	381.15	3.40	3.36	171.10	863.74	671.96	1,098.23	1,090.68	7.55	145.505	
500.00	499.68	481.09	481.09	3.48	3.41	171.14	863.47	671.69	1,104.74	1,097.06	7.68	143.818	
600.00	599.13	573.19	573.18	3.59	3.47	171.19	863.22	671.80	1,114.94	1,107.09	7.85	142.089	
700.00	698.21	673.27	673.27	3.73	3.54	171.29	863.37	672.18	1,128.62	1,120.57	8.05	140.213	
800.00	797.24	773.84	773.83	3.90	3.63	171.42	863.13	672.58	1,142.44	1,134.17	8.27	138.088	
900.00	896.27	872.13	872.12	4.09	3.72	171.54	862.94	672.92	1,156.26	1,147.74	8.52	135.659	
1,000.00	995.30	969.42	969.42	4.31	3.82	171.65	862.97	673.14	1,170.20	1,161.40	8.80	133.021	
1,100.00	1,094.32	1,067.95	1,067.94	4.54	3.94	171.73	863.37	673.09	1,184.25	1,175.16	9.09	130.223	
1,200.00	1,193.35	1,183.21	1,183.20	4.79	4.08	171.84	863.17	672.95	1,197.85	1,188.42	9.43	127.015	
2,400.00	2,381.67	2,659.41	2,614.33	6.85	6.67	-175.71	545.80	711.33	1,194.68	1,181.44	13.23	90.278	
2,500.00	2,480.70	2,758.34	2,704.50	6.99	6.92	-174.05	505.64	717.89	1,187.25	1,173.66	13.59	87.354	
2,600.00	2,579.72	2,851.83	2,789.28	7.15	7.16	-172.41	466.84	724.62	1,180.72	1,166.75	13.97	84.532	
2,700.00	2,678.75	2,939.66	2,870.38	7.33	7.40	-171.04	433.35	728.63	1,175.31	1,160.96	14.35	81.897	
2,800.00	2,777.78	3,020.59	2,945.43	7.51	7.63	-169.79	403.34	732.70	1,171.72	1,156.98	14.74	79.504	
2,900.00	2,876.80	3,100.00	3,018.89	7.71	7.85	-168.52	373.66	737.99	1,170.12	1,154.98	15.14	77.289	
2,921.55	2,898.15	3,116.97	3,034.57	7.75	7.90	-168.25	367.32	739.29	1,170.06	1,154.83	15.23	76.832	
3,000.00	2,975.83	3,174.87	3,088.41	7.92	8.07	-167.34	346.49	743.79	1,170.85	1,155.31	15.54	75.325	
3,100.00	3,074.86	3,293.89	3,199.81	8.14	8.41	-165.57	305.43	752.17	1,172.91	1,156.84	16.07	72.967	
3,200.00	3,173.89	3,396.82	3,295.98	8.37	8.72	-164.06	269.15	757.60	1,173.80	1,157.21	16.58	70.778	
3,300.00	3,272.91	3,518.13	3,409.28	8.60	9.10	-162.30	226.08	762.34	1,174.19	1,157.02	17.16	68.417	
3,302.10	3,274.99	3,520.69	3,411.67	8.61	9.10	-162.26	225.16	762.41	1,174.18	1,157.00	17.17	68.368	
3,400.00	3,371.94	3,601.85	3,487.52	8.85	9.36	-161.09	196.42	765.25	1,174.96	1,157.30	17.66	66.549	
3,500.00	3,470.97	3,693.80	3,573.32	9.10	9.65	-159.75	163.58	768.96	1,176.85	1,158.67	18.19	64.704	
3,600.00	3,569.99	3,788.97	3,661.35	9.36	9.97	-158.27	127.75	773.78	1,179.68	1,160.93	18.76	62.891	
3,700.00	3,669.02	3,879.45	3,743.64	9.63	10.30	-156.70	90.62	779.77	1,183.56	1,164.21	19.35	61.180	
3,800.00	3,768.05	3,987.54	3,840.38	9.90	10.70	-154.67	43.09	787.81	1,188.31	1,168.27	20.03	59.318	
3,900.00	3,867.07	4,104.50	3,944.43	10.18	11.16	-152.45	-9.87	794.74	1,192.59	1,171.81	20.78	57.385	
4,000.00	3,966.10	4,194.53	4,024.83	10.46	11.51	-150.78	-50.15	799.06	1,197.30	1,175.87	21.43	55.861 SF	

Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-41.08	623.68	-543.78	827.57				
100.00	100.00	84.19	84.19	3.28	3.28	-41.09	623.74	-543.84	827.54	820.19	7.35	112.518	CC, ES
200.00	200.00	183.48	183.48	3.30	3.29	-41.10	623.80	-544.20	827.82	820.43	7.39	112.066	
300.00	300.00	281.45	281.45	3.34	3.32	92.08	623.68	-544.94	828.25	820.79	7.45	111.136	
400.00	399.93	375.22	375.21	3.40	3.36	92.23	623.81	-546.04	829.25	821.71	7.54	109.922	
500.00	499.68	481.71	481.68	3.48	3.41	92.62	623.77	-547.88	830.66	822.98	7.68	108.166	
600.00	599.13	582.12	582.08	3.59	3.48	93.20	622.80	-549.51	831.51	823.66	7.85	105.890	
700.00	698.21	688.56	688.49	3.73	3.56	94.04	621.58	-551.02	832.39	824.32	8.07	103.095	
800.00	797.24	784.51	784.43	3.90	3.65	94.82	619.99	-552.38	833.07	824.74	8.33	100.047	
900.00	896.27	885.19	885.08	4.09	3.75	95.65	618.72	-553.71	834.17	825.55	8.62	96.801	
1,000.00	995.30	984.33	984.21	4.31	3.86	96.47	617.30	-554.98	835.28	826.35	8.94	93.471	
1,100.00	1,094.32	1,078.69	1,078.55	4.54	3.97	97.24	616.14	-556.39	836.85	827.58	9.28	90.218	
1,200.00	1,193.35	1,173.61	1,173.45	4.79	4.09	98.00	615.35	-558.28	839.19	829.56	9.64	87.071	
1,300.00	1,292.38	1,273.00	1,272.83	5.05	4.22	98.84	615.18	-559.82	842.00	831.98	10.03	83.987	
1,400.00	1,391.40	1,372.76	1,372.57	5.32	4.36	99.69	615.04	-561.10	844.87	834.44	10.43	81.003	
1,500.00	1,490.43	1,470.39	1,470.19	5.60	4.50	100.48	614.63	-562.86	847.96	837.12	10.85	78.179	
1,600.00	1,589.46	1,564.79	1,564.58	5.89	4.65	101.27	614.74	-564.39	851.59	840.32	11.27	75.561	
1,700.00	1,688.48	1,661.55	1,661.32	6.19	4.80	102.08	615.34	-566.17	855.92	844.22	11.71	73.104	
1,800.00	1,787.51	1,759.52	1,759.27	6.35	4.95	102.92	616.28	-567.62	860.56	848.75	11.81	72.868	
1,900.00	1,886.54	1,861.65	1,861.39	6.39	5.12	103.80	617.42	-568.89	865.40	853.39	12.01	72.079	
2,000.00	1,985.56	1,960.82	1,960.56	6.44	5.28	104.66	618.25	-569.72	870.01	857.79	12.22	71.195	
2,100.00	2,084.59	2,063.84	2,063.56	6.52	5.46	105.55	619.16	-570.66	874.88	862.42	12.46	70.201	
2,200.00	2,183.62	2,165.43	2,165.16	6.61	5.63	106.45	619.72	-570.74	879.29	866.57	12.72	69.113	
2,300.00	2,282.64	2,266.42	2,266.14	6.72	5.80	107.36	620.37	-570.45	883.82	870.82	13.00	67.987	
2,400.00	2,381.67	2,371.70	2,371.42	6.85	5.99	108.27	620.42	-570.31	888.10	874.80	13.30	66.763	
2,500.00	2,480.70	2,472.68	2,472.39	6.99	6.17	109.06	619.40	-571.05	891.97	878.36	13.61	65.520	
2,600.00	2,579.72	2,567.71	2,567.41	7.15	6.34	109.78	618.50	-571.98	896.16	882.23	13.93	64.327	
2,700.00	2,678.75	2,661.44	2,661.14	7.33	6.52	110.54	618.44	-572.39	901.12	886.86	14.26	63.187	
2,800.00	2,777.78	2,759.11	2,758.80	7.51	6.70	111.28	618.60	-573.46	906.69	892.08	14.61	62.050	
2,900.00	2,876.80	2,861.75	2,861.44	7.71	6.90	112.06	618.60	-574.57	912.28	897.29	14.98	60.879	
3,000.00	2,975.83	2,960.14	2,959.83	7.92	7.09	112.82	618.47	-575.10	917.70	902.34	15.36	59.744	
3,100.00	3,074.86	3,057.60	3,057.28	8.14	7.28	113.57	618.66	-575.63	923.59	907.85	15.75	58.659	
3,200.00	3,173.89	3,159.11	3,158.79	8.37	7.47	114.28	618.49	-577.06	929.58	913.44	16.15	57.568	
3,300.00	3,272.91	3,266.90	3,266.56	8.60	7.68	115.01	617.65	-578.68	935.18	918.61	16.57	56.437	
3,400.00	3,371.94	3,373.26	3,372.88	8.85	7.89	115.70	615.72	-580.28	939.90	922.91	17.00	55.295	
3,500.00	3,470.97	3,469.48	3,469.08	9.10	8.08	116.32	613.74	-581.65	944.50	927.08	17.41	54.238	
3,600.00	3,569.99	3,571.92	3,571.49	9.36	8.28	116.99	612.00	-582.83	949.48	931.63	17.85	53.199	
3,700.00	3,669.02	3,669.80	3,669.35	9.63	8.48	117.64	610.04	-583.66	954.22	935.94	18.28	52.204	
3,800.00	3,768.05	3,763.81	3,763.34	9.90	8.66	118.24	608.49	-584.91	959.53	940.83	18.71	51.290	
3,900.00	3,867.07	3,864.34	3,863.85	10.18	8.87	118.86	607.12	-586.57	965.32	946.17	19.16	50.393	
4,000.00	3,966.10	3,969.31	3,968.79	10.46	9.08	119.50	605.21	-588.09	970.73	951.12	19.62	49.485	
4,100.00	4,065.13	4,066.73	4,066.18	10.75	9.27	120.10	603.19	-589.26	975.95	955.88	20.07	48.635	
4,200.00	4,164.15	4,158.87	4,158.31	11.04	9.46	120.70	601.91	-589.79	981.81	961.30	20.51	47.873	
4,300.00	4,263.18	4,253.13	4,252.56	11.33	9.65	121.34	601.38	-589.97	988.52	967.57	20.96	47.169	
4,400.00	4,362.21	4,349.95	4,349.39	11.63	9.84	122.00	601.16	-589.96	995.65	974.23	21.41	46.498	
4,500.00	4,461.23	4,449.87	4,449.31	11.93	10.05	122.66	601.01	-590.29	1,003.06	981.18	21.88	45.847	
4,600.00	4,560.26	4,560.30	4,559.74	12.24	10.27	123.35	600.22	-590.83	1,010.09	987.72	22.37	45.154	
4,700.00	4,659.29	4,662.91	4,662.32	12.54	10.48	124.02	598.44	-590.66	1,016.10	993.26	22.85	44.477	
4,800.00	4,758.31	4,769.12	4,768.51	12.85	10.69	124.78	596.71	-589.15	1,022.20	998.87	23.33	43.817	
4,900.00	4,857.34	4,867.82	4,867.16	13.16	10.89	125.50	594.45	-587.22	1,027.72	1,003.92	23.80	43.186	
5,000.00	4,956.37	4,960.61	4,959.93	13.48	11.07	126.16	592.79	-585.51	1,033.90	1,009.64	24.26	42.625	
5,100.00	5,055.39	5,050.09	5,049.40	13.80	11.26	126.75	591.69	-584.81	1,040.92	1,016.21	24.71	42.126	
5,200.00	5,154.42	5,138.82	5,138.12	14.11	11.44	127.28	591.47	-585.01	1,049.12	1,023.95	25.16	41.694	
5,300.00	5,253.45	5,231.24	5,230.54	14.43	11.63	127.80	591.95	-585.65	1,058.23	1,032.61	25.62	41.299	
5,400.00	5,352.48	5,328.39	5,327.67	14.76	11.83	128.31	592.80	-586.93	1,067.84	1,041.74	26.10	40.917	
5,500.00	5,451.50	5,426.68	5,425.96	15.08	12.03	128.83	593.66	-588.05	1,077.53	1,050.95	26.58	40.546	
5,600.00	5,550.53	5,519.88	5,519.15	15.41	12.22	129.34	594.91	-588.73	1,087.74	1,060.70	27.04	40.227	
5,700.00	5,649.56	5,617.41	5,616.67	15.73	12.42	129.88	596.47	-588.95	1,098.28	1,070.76	27.52	39.915	
5,800.00	5,748.58	5,709.26	5,708.49	16.06	12.61	130.36	598.30	-589.63	1,109.33	1,081.35	27.98	39.650	
5,900.00	5,847.61	5,798.46	5,797.65	16.39	12.79	130.78	600.73	-591.04	1,121.21	1,092.77	28.44	39.430	
6,000.00	5,946.64	5,909.95	5,909.06	16.72	13.02	131.25	603.62	-593.66	1,133.06	1,104.10	28.96	39.130	
6,100.00	6,045.66	5,998.40	5,997.46	17.05	13.21	131.60	605.90	-595.96	1,144.94	1,115.53	29.42	38.922	
6,200.00	6,144.69	6,104.17	6,103.15	17.38	13.43	132.01	608.70	-598.97	1,156.97	1,127.04	29.92	38.662	
6,300.00	6,243.72	6,187.84	6,186.74	17.72	13.60	132.30	611.24	-601.75	1,169.42	1,139.05	30.37	38.501	
6,400.00	6,342.74	6,291.72	6,290.50	18.05	13.82	132.68	614.93	-604.74	1,182.44	1,151.56	30.88	38.292	
6,500.00	6,441.77	6,408.51	6,407.25	18.39	14.06	133.17	617.87	-606.46	1,194.49	1,163.07	31.42	38.021	SF



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	-122.44	-356.28	-560.50	664.37				
100.00	100.00	83.62	83.62	3.28	3.28	-122.46	-356.43	-560.36	664.12	656.76	7.35	90.298	
200.00	200.00	184.82	184.81	3.30	3.29	-122.50	-356.75	-559.94	663.94	656.55	7.39	89.881	
300.00	300.00	284.01	284.00	3.34	3.32	10.69	-356.76	-559.66	663.27	655.82	7.45	88.992	
400.00	399.93	382.11	382.10	3.40	3.36	10.77	-356.62	-559.73	659.82	652.28	7.55	87.421	
500.00	499.68	478.72	478.72	3.48	3.41	10.94	-356.54	-560.18	653.32	645.64	7.68	85.093	
600.00	599.13	577.90	577.89	3.59	3.47	11.20	-356.48	-561.02	643.74	635.90	7.85	82.049	
700.00	698.21	677.06	677.05	3.73	3.54	11.50	-356.38	-561.84	631.16	623.11	8.05	78.410	
800.00	797.24	776.98	776.96	3.90	3.63	11.82	-356.19	-562.68	618.13	609.86	8.28	74.687	
900.00	896.27	875.88	875.86	4.09	3.73	12.15	-355.94	-563.44	605.03	596.50	8.53	70.927	
1,000.00	995.30	974.93	974.91	4.31	3.83	12.49	-355.71	-564.24	592.00	583.19	8.81	67.194	
1,100.00	1,094.32	1,075.00	1,074.98	4.54	3.95	12.86	-355.40	-565.01	578.92	569.81	9.11	63.515	
1,200.00	1,193.35	1,175.00	1,174.97	4.79	4.08	13.24	-355.00	-565.61	565.67	556.23	9.44	59.926	
1,300.00	1,292.38	1,273.76	1,273.73	5.05	4.21	13.66	-354.39	-566.24	552.37	542.59	9.78	56.475	
1,400.00	1,391.40	1,373.44	1,373.41	5.32	4.34	14.12	-353.63	-566.98	539.12	528.98	10.14	53.168	
1,500.00	1,490.43	1,472.28	1,472.24	5.60	4.49	14.60	-352.82	-567.63	525.81	515.29	10.51	50.016	
1,600.00	1,589.46	1,571.46	1,571.41	5.89	4.64	15.15	-351.70	-568.50	512.58	501.68	10.90	47.028	
1,700.00	1,688.48	1,670.83	1,670.76	6.19	4.79	15.78	-350.16	-569.51	499.33	488.03	11.30	44.193	
1,800.00	1,787.51	1,767.78	1,767.69	6.35	4.95	16.47	-348.41	-570.72	486.24	474.86	11.38	42.728	
1,900.00	1,886.54	1,864.50	1,864.36	6.39	5.11	17.28	-346.21	-572.75	473.76	462.20	11.56	40.982	
2,000.00	1,985.56	1,963.19	1,962.99	6.44	5.27	18.18	-343.93	-575.17	461.69	449.93	11.76	39.245	
2,100.00	2,084.59	2,062.68	2,062.43	6.52	5.45	19.13	-341.66	-577.49	449.66	437.67	11.99	37.503	
2,200.00	2,183.62	2,162.45	2,162.16	6.61	5.62	20.09	-339.57	-579.61	437.63	425.39	12.24	35.767	
2,300.00	2,282.64	2,261.73	2,261.40	6.72	5.80	21.07	-337.70	-581.45	425.55	413.05	12.50	34.047	
2,400.00	2,381.67	2,361.00	2,360.63	6.85	5.98	22.10	-335.80	-583.28	413.59	400.81	12.78	32.359	
2,500.00	2,480.70	2,459.74	2,459.34	6.99	6.16	23.20	-333.85	-585.07	401.72	388.64	13.08	30.710	
2,600.00	2,579.72	2,559.16	2,558.72	7.15	6.34	24.39	-331.78	-586.98	390.07	376.67	13.40	29.110	
2,700.00	2,678.75	2,658.69	2,658.22	7.33	6.53	25.64	-329.73	-588.65	378.38	364.64	13.74	27.546	
2,800.00	2,777.78	2,757.86	2,757.35	7.51	6.72	26.95	-327.71	-590.25	366.81	352.72	14.09	26.036	
2,900.00	2,876.80	2,856.63	2,856.08	7.71	6.90	28.37	-325.57	-591.84	355.42	340.96	14.46	24.584	
3,000.00	2,975.83	2,955.22	2,954.64	7.92	7.09	29.90	-323.34	-593.57	344.37	329.52	14.84	23.202	
3,100.00	3,074.86	3,054.28	3,053.66	8.14	7.29	31.52	-321.13	-595.34	333.62	318.38	15.24	21.885	
3,200.00	3,173.89	3,154.57	3,153.91	8.37	7.48	33.30	-318.76	-596.99	323.00	307.33	15.66	20.620	
3,300.00	3,272.91	3,256.09	3,255.38	8.60	7.68	35.28	-315.94	-598.04	312.04	295.94	16.10	19.378	
3,400.00	3,371.94	3,358.55	3,357.78	8.85	7.88	37.55	-312.32	-598.14	300.47	283.91	16.56	18.144	
3,500.00	3,470.97	3,461.63	3,460.77	9.10	8.08	40.07	-308.30	-596.80	287.96	270.93	17.03	16.906	
3,600.00	3,569.99	3,562.98	3,562.01	9.36	8.28	42.71	-304.66	-593.97	274.55	257.03	17.52	15.672	
3,700.00	3,669.02	3,661.97	3,660.89	9.63	8.47	45.49	-301.40	-590.56	261.09	243.07	18.02	14.491	
3,800.00	3,768.05	3,761.19	3,760.01	9.90	8.66	48.44	-298.69	-587.00	248.11	229.58	18.53	13.389	
3,900.00	3,867.07	3,860.16	3,858.89	10.18	8.86	51.42	-297.14	-583.09	235.34	216.29	19.06	12.351	
4,000.00	3,966.10	3,957.46	3,956.11	10.46	9.05	54.65	-295.70	-579.37	223.38	203.78	19.60	11.399	
4,100.00	4,065.13	4,054.39	4,052.98	10.75	9.24	58.14	-294.34	-576.38	212.92	192.77	20.15	10.567	
4,200.00	4,164.15	4,151.35	4,149.90	11.04	9.43	61.95	-292.82	-574.07	204.06	183.35	20.72	9.850	
4,300.00	4,263.18	4,248.81	4,247.33	11.33	9.62	66.09	-290.99	-572.47	197.02	175.73	21.29	9.254	
4,400.00	4,362.21	4,347.00	4,345.48	11.63	9.82	70.55	-288.95	-571.13	191.47	169.61	21.87	8.756	
4,500.00	4,461.23	4,445.43	4,443.88	11.93	10.02	75.27	-286.73	-569.93	187.39	164.95	22.44	8.352	
4,600.00	4,560.26	4,544.11	4,542.54	12.24	10.22	80.16	-284.52	-568.76	184.69	161.69	23.00	8.032	
4,700.00	4,659.29	4,642.80	4,641.18	12.54	10.43	85.34	-281.85	-567.21	183.43	159.89	23.53	7.794	
4,736.08	4,695.02	4,678.44	4,676.79	12.65	10.50	87.25	-280.84	-566.56	183.33	159.61	23.72	7.728 CC	
4,800.00	4,758.31	4,741.53	4,739.85	12.85	10.63	90.66	-279.00	-565.34	183.64	159.59	24.04	7.637 ES	
4,900.00	4,857.34	4,840.15	4,838.40	13.16	10.83	96.00	-276.05	-563.21	185.38	160.86	24.52	7.559	
5,000.00	4,956.37	4,938.69	4,936.87	13.48	11.03	101.23	-273.10	-560.95	188.68	163.71	24.97	7.557 SF	
5,100.00	5,055.39	5,037.34	5,035.46	13.80	11.24	106.19	-270.29	-558.84	193.46	168.08	25.39	7.620	
5,200.00	5,154.42	5,136.09	5,134.16	14.11	11.44	110.78	-267.77	-557.01	199.49	173.70	25.79	7.736	
5,300.00	5,253.45	5,234.65	5,232.68	14.43	11.64	115.01	-265.36	-555.40	206.70	180.53	26.17	7.898	
5,400.00	5,352.48	5,333.04	5,331.03	14.76	11.85	118.92	-262.98	-553.85	214.98	188.43	26.55	8.097	
5,500.00	5,451.50	5,430.96	5,428.89	15.08	12.05	122.58	-260.29	-552.10	224.47	197.56	26.92	8.339	
5,600.00	5,550.53	5,529.40	5,527.28	15.41	12.26	125.97	-257.43	-550.31	234.97	207.69	27.29	8.611	
5,700.00	5,649.56	5,628.40	5,626.23	15.73	12.46	128.98	-254.67	-548.91	246.15	218.48	27.67	8.897	
5,800.00	5,748.58	5,727.86	5,725.64	16.06	12.67	131.69	-252.21	-547.71	257.64	229.58	28.06	9.183	
5,900.00	5,847.61	5,827.15	5,824.90	16.39	12.88	134.16	-250.02	-546.56	269.38	240.93	28.45	9.468	
6,000.00	5,946.64	5,926.46	5,924.19	16.72	13.09	136.45	-248.05	-545.26	281.35	252.50	28.85	9.752	
6,100.00	6,045.66	6,026.00	6,023.70	17.05	13.29	138.55	-246.34	-544.00	293.47	264.21	29.26	10.031	
6,200.00	6,144.69	6,125.16	6,122.85	17.38	13.50	140.47	-244.90	-542.81	305.68	276.02	29.67	10.304	
6,300.00	6,243.72	6,223.20	6,220.87	17.72	13.71	142.20	-243.35	-541.79	318.30	288.22	30.08	10.581	
6,400.00	6,342.74	6,321.29	6,318.94	18.05	13.91	143.73	-241.54	-541.05	331.40	300.89	30.51	10.863	

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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,441.77	6,419.82	6,417.45	18.39	14.12	145.12	-239.52	-540.51	344.86	313.92	30.94	11.147	
6,600.00	6,540.80	6,519.20	6,516.81	18.72	14.33	146.39	-237.54	-540.12	358.42	327.04	31.38	11.421	
6,700.00	6,639.57	6,618.88	6,616.47	19.07	14.54	132.01	-235.64	-539.99	372.48	340.66	31.82	11.704	
6,800.00	6,735.67	6,719.00	6,716.58	19.49	14.75	122.08	-234.76	-539.22	389.80	357.56	32.24	12.092	
6,900.00	6,826.60	6,813.03	6,810.60	20.02	14.95	120.48	-235.21	-537.75	412.70	380.09	32.62	12.653	
7,000.00	6,910.10	6,898.48	6,896.03	20.68	15.12	121.17	-236.37	-536.30	444.08	411.09	33.00	13.457	
7,100.00	6,984.13	6,976.11	6,973.64	21.49	15.28	122.13	-237.88	-535.37	486.03	452.61	33.41	14.546	
7,200.00	7,046.86	7,046.20	7,043.71	22.50	15.42	122.34	-239.72	-535.18	539.23	505.36	33.87	15.921	
7,300.00	7,096.75	7,105.60	7,103.06	23.74	15.54	120.80	-241.87	-535.75	603.09	568.76	34.33	17.565	
7,400.00	7,132.56	7,143.60	7,141.02	25.23	15.61	115.58	-243.72	-536.11	676.71	641.97	34.73	19.483	
7,500.00	7,153.42	7,165.57	7,162.95	26.97	15.66	105.98	-244.97	-536.22	758.12	723.06	35.05	21.629	
7,600.00	7,158.96	7,171.69	7,169.06	28.88	15.68	93.57	-245.32	-536.26	844.58	809.32	35.27	23.947	
7,700.00	7,158.66	7,171.96	7,169.33	30.95	15.68	93.61	-245.34	-536.26	933.86	898.42	35.44	26.353	
7,800.00	7,158.37	7,172.23	7,169.59	33.16	15.68	93.65	-245.35	-536.26	1,025.11	989.52	35.59	28.803	
7,900.00	7,158.07	7,172.49	7,169.86	35.49	15.68	93.68	-245.37	-536.26	1,117.87	1,082.14	35.73	31.288	

Offset Design		5N-67W-10 Offsets Incomplete - High Pointe LLC 10G-232 - Kerr McGee Planned Well - Planned Ensig											Offset Site Error:		0.00 usft	
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance								Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
15,900.00	7,134.47	13,907.51	7,029.99	266.53	239.90	-81.64	-1,891.31	-9,578.85	1,199.71	697.59	502.11	2.389 SF				
16,000.00	7,134.17	13,807.51	7,030.51	269.49	236.47	-81.67	-1,891.24	-9,678.84	1,198.87	697.19	501.68	2.390				
16,100.00	7,133.88	13,707.50	7,031.04	272.44	233.04	-81.71	-1,891.17	-9,778.84	1,198.03	696.78	501.25	2.390				
16,200.00	7,133.58	13,607.49	7,031.56	275.39	229.61	-81.74	-1,891.11	-9,878.83	1,197.19	696.37	500.82	2.390				
16,300.00	7,133.29	13,507.49	7,032.09	278.35	226.19	-81.77	-1,891.04	-9,978.82	1,196.35	695.97	500.39	2.391				
16,400.00	7,132.99	13,407.48	7,032.61	281.30	222.76	-81.81	-1,890.97	-10,078.81	1,195.52	695.56	499.96	2.391				
16,500.00	7,132.70	13,307.48	7,033.13	284.25	219.33	-81.84	-1,890.91	-10,178.81	1,194.68	695.15	499.53	2.392				
16,600.00	7,132.40	13,207.47	7,033.66	287.21	215.90	-81.88	-1,890.84	-10,278.80	1,193.84	694.75	499.10	2.392				
16,700.00	7,132.11	13,107.46	7,034.18	290.16	212.48	-81.91	-1,890.77	-10,378.79	1,193.01	694.34	498.67	2.392				
16,800.00	7,131.81	13,007.46	7,034.70	293.12	209.05	-81.94	-1,890.71	-10,478.78	1,192.17	693.93	498.24	2.393				
16,900.00	7,131.52	12,907.45	7,035.23	296.07	205.63	-81.98	-1,890.64	-10,578.78	1,191.34	693.53	497.81	2.393				
17,000.00	7,131.22	12,807.45	7,035.75	299.02	202.20	-82.01	-1,890.57	-10,678.77	1,190.50	693.12	497.38	2.394				
17,100.00	7,130.93	12,707.44	7,036.27	301.98	198.78	-82.05	-1,890.51	-10,778.76	1,189.67	692.71	496.96	2.394				
17,200.00	7,130.63	12,607.43	7,036.80	304.93	195.36	-82.08	-1,890.44	-10,878.76	1,188.84	692.31	496.53	2.394				
17,300.00	7,130.34	12,507.43	7,037.32	307.89	191.93	-82.11	-1,890.37	-10,978.75	1,188.00	691.90	496.10	2.395				
17,400.00	7,130.04	12,407.42	7,037.84	310.84	188.51	-82.15	-1,890.31	-11,078.74	1,187.17	691.49	495.68	2.395 ES				
17,414.80	7,130.00	12,377.78	7,037.92	311.28	187.50	-82.15	-1,890.30	-11,093.53	1,187.05	691.93	495.11	2.398 CC				



Offset Design 5N-67W-10 Offsets Incomplete - High Pointe LLC 10G-302 - Kerr McGee Planned Well - Planned Ensig												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	
12,300.00	7,145.09	16,733.00	7,066.79	160.44	335.01	-79.74	-1,491.63	-6,793.41	1,160.16	815.48	344.68	3.366	
12,400.00	7,144.80	16,733.00	7,066.79	163.38	335.01	-79.74	-1,491.63	-6,793.41	1,091.60	723.31	368.29	2.964	
12,500.00	7,144.50	16,733.00	7,066.79	166.32	335.01	-79.74	-1,491.63	-6,793.41	1,028.20	635.05	393.15	2.615	
12,600.00	7,144.21	16,733.00	7,066.79	169.26	335.01	-79.74	-1,491.63	-6,793.41	970.98	552.31	418.67	2.319	
12,700.00	7,143.91	16,733.00	7,066.79	172.20	335.01	-79.74	-1,491.63	-6,793.41	921.09	477.19	443.90	2.075	
12,800.00	7,143.62	16,733.00	7,066.79	175.14	335.01	-79.74	-1,491.63	-6,793.41	879.79	412.28	467.51	1.882	
12,900.00	7,143.32	16,733.00	7,066.79	178.08	335.01	-79.74	-1,491.63	-6,793.41	848.31	360.51	487.80	1.739	
13,000.00	7,143.03	16,733.00	7,066.79	181.02	335.01	-79.74	-1,491.63	-6,793.41	827.80	324.80	503.00	1.646	
13,100.00	7,142.73	16,733.00	7,066.79	183.97	335.01	-79.74	-1,491.63	-6,793.41	819.06	307.47	511.59	1.601	
13,200.00	7,142.44	16,647.64	7,067.39	186.91	332.08	-79.79	-1,491.58	-6,878.77	818.03	306.14	511.90	1.598	
13,300.00	7,142.14	16,547.65	7,068.08	189.85	328.64	-79.85	-1,491.51	-6,978.76	817.14	305.64	511.50	1.598	
13,400.00	7,141.85	16,447.66	7,068.78	192.80	325.21	-79.91	-1,491.44	-7,078.75	816.25	305.14	511.11	1.597	
13,500.00	7,141.55	16,347.67	7,069.48	195.74	321.77	-79.97	-1,491.38	-7,178.74	815.36	304.65	510.72	1.597	
13,600.00	7,141.26	16,247.67	7,070.18	198.69	318.34	-80.03	-1,491.31	-7,278.73	814.47	304.15	510.32	1.596	
13,700.00	7,140.96	16,147.68	7,070.88	201.64	314.91	-80.09	-1,491.24	-7,378.72	813.58	303.65	509.93	1.595	
13,800.00	7,140.67	16,047.69	7,071.58	204.58	311.47	-80.15	-1,491.18	-7,478.71	812.70	303.16	509.54	1.595	
13,900.00	7,140.37	15,947.70	7,072.27	207.53	308.04	-80.21	-1,491.11	-7,578.70	811.81	302.67	509.14	1.594	
14,000.00	7,140.08	15,847.71	7,072.97	210.48	304.61	-80.27	-1,491.04	-7,678.69	810.93	302.17	508.75	1.594	
14,100.00	7,139.78	15,747.71	7,073.67	213.42	301.18	-80.33	-1,490.98	-7,778.68	810.04	301.68	508.36	1.593	
14,200.00	7,139.49	15,647.72	7,074.37	216.37	297.74	-80.39	-1,490.91	-7,878.67	809.16	301.19	507.96	1.593	
14,300.00	7,139.19	15,547.73	7,075.07	219.32	294.31	-80.45	-1,490.84	-7,978.66	808.27	300.70	507.57	1.592	
14,400.00	7,138.90	15,447.74	7,075.76	222.27	290.88	-80.51	-1,490.78	-8,078.65	807.39	300.21	507.18	1.592	
14,500.00	7,138.60	15,347.74	7,076.46	225.22	287.45	-80.57	-1,490.71	-8,178.64	806.51	299.73	506.79	1.591	
14,600.00	7,138.31	15,247.75	7,077.16	228.17	284.01	-80.63	-1,490.65	-8,278.63	805.63	299.24	506.39	1.591	
14,700.00	7,138.01	15,147.76	7,077.86	231.12	280.58	-80.69	-1,490.58	-8,378.62	804.75	298.75	506.00	1.590	
14,800.00	7,137.71	15,047.77	7,078.56	234.07	277.15	-80.76	-1,490.51	-8,478.61	803.87	298.27	505.61	1.590	
14,900.00	7,137.42	14,947.77	7,079.25	237.02	273.72	-80.82	-1,490.45	-8,578.60	803.00	297.78	505.21	1.589	
15,000.00	7,137.12	14,847.78	7,079.95	239.97	270.29	-80.88	-1,490.38	-8,678.59	802.12	297.30	504.82	1.589	
15,100.00	7,136.83	14,747.79	7,080.65	242.92	266.86	-80.94	-1,490.31	-8,778.58	801.25	296.82	504.43	1.588	
15,200.00	7,136.53	14,647.80	7,081.35	245.87	263.43	-81.00	-1,490.25	-8,878.57	800.37	296.34	504.03	1.588	
15,300.00	7,136.24	14,547.80	7,082.05	248.82	260.00	-81.06	-1,490.18	-8,978.56	799.50	295.86	503.64	1.587	
15,400.00	7,135.94	14,447.81	7,082.74	251.77	256.57	-81.13	-1,490.11	-9,078.55	798.63	295.38	503.25	1.587	
15,500.00	7,135.65	14,347.82	7,083.44	254.73	253.14	-81.19	-1,490.05	-9,178.54	797.75	294.90	502.85	1.586	
15,600.00	7,135.35	14,247.83	7,084.14	257.68	249.71	-81.25	-1,489.98	-9,278.53	796.88	294.42	502.46	1.586	
15,700.00	7,135.06	14,147.83	7,084.84	260.63	246.28	-81.31	-1,489.91	-9,378.52	796.01	293.95	502.07	1.585	
15,800.00	7,134.76	14,047.84	7,085.54	263.58	242.85	-81.38	-1,489.85	-9,478.51	795.14	293.47	501.67	1.585	
15,900.00	7,134.47	13,947.85	7,086.23	266.53	239.42	-81.44	-1,489.78	-9,578.50	794.28	293.00	501.28	1.584	
16,000.00	7,134.17	13,847.86	7,086.93	269.49	235.99	-81.50	-1,489.72	-9,678.49	793.41	292.52	500.89	1.584	
16,100.00	7,133.88	13,747.86	7,087.63	272.44	232.57	-81.57	-1,489.65	-9,778.48	792.54	292.05	500.49	1.584	
16,200.00	7,133.58	13,647.87	7,088.33	275.39	229.14	-81.63	-1,489.58	-9,878.47	791.68	291.58	500.10	1.583	
16,300.00	7,133.29	13,547.88	7,089.03	278.35	225.71	-81.69	-1,489.52	-9,978.46	790.82	291.11	499.71	1.583	
16,400.00	7,132.99	13,447.89	7,089.72	281.30	222.29	-81.76	-1,489.45	-10,078.45	789.95	290.64	499.31	1.582	
16,500.00	7,132.70	13,347.89	7,090.42	284.25	218.86	-81.82	-1,489.38	-10,178.44	789.09	290.17	498.92	1.582	
16,600.00	7,132.40	13,247.90	7,091.12	287.21	215.43	-81.88	-1,489.32	-10,278.43	788.23	289.70	498.53	1.581	
16,700.00	7,132.11	13,147.91	7,091.82	290.16	212.01	-81.95	-1,489.25	-10,378.42	787.37	289.24	498.13	1.581	
16,800.00	7,131.81	13,047.92	7,092.52	293.12	208.59	-82.01	-1,489.18	-10,478.41	786.51	288.77	497.74	1.580	
16,900.00	7,131.52	12,947.92	7,093.22	296.07	205.16	-82.08	-1,489.12	-10,578.40	785.65	288.31	497.35	1.580	
17,000.00	7,131.22	12,847.93	7,093.91	299.02	201.74	-82.14	-1,489.05	-10,678.39	784.80	287.84	496.95	1.579	
17,100.00	7,130.93	12,747.94	7,094.61	301.98	198.31	-82.21	-1,488.98	-10,778.38	783.94	287.38	496.56	1.579	
17,200.00	7,130.63	12,647.95	7,095.31	304.93	194.89	-82.27	-1,488.92	-10,878.37	783.08	286.92	496.17	1.578	
17,300.00	7,130.34	12,547.96	7,096.01	307.89	191.47	-82.34	-1,488.85	-10,978.35	782.23	286.46	495.77	1.578	
17,400.00	7,130.04	12,447.96	7,096.71	310.84	188.05	-82.40	-1,488.78	-11,078.34	781.38	286.00	495.38	1.577	
17,414.80	7,130.00	12,433.17	7,096.81	311.28	187.54	-82.41	-1,488.78	-11,093.14	781.25	285.93	495.32	1.577	CC, ES, SF

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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)				
15,700.00	7,135.06	7,327.89	7,188.54	260.63	30.22	91.65	54.58	-10,228.26	1,139.62	938.86	200.76	5.677			
15,800.00	7,134.76	7,327.33	7,187.98	263.58	30.22	91.61	54.59	-10,228.26	1,067.49	853.42	214.07	4.987			
15,900.00	7,134.47	7,326.76	7,187.41	266.53	30.22	91.56	54.61	-10,228.26	1,000.16	771.70	228.46	4.378			
16,000.00	7,134.17	7,326.20	7,186.85	269.49	30.22	91.52	54.62	-10,228.26	938.68	694.96	243.72	3.851			
16,100.00	7,133.88	7,325.63	7,186.28	272.44	30.22	91.48	54.63	-10,228.26	884.26	624.83	259.43	3.409			
16,200.00	7,133.58	7,325.07	7,185.72	275.39	30.22	91.44	54.64	-10,228.27	838.28	563.40	274.88	3.050			
16,300.00	7,133.29	7,324.50	7,185.15	278.35	30.21	91.40	54.66	-10,228.27	802.19	513.12	289.07	2.775			
16,400.00	7,132.99	7,323.93	7,184.59	281.30	30.21	91.35	54.67	-10,228.27	777.37	476.61	300.76	2.585			
16,500.00	7,132.70	7,323.37	7,184.02	284.25	30.21	91.31	54.68	-10,228.27	764.91	456.20	308.72	2.478			
16,546.04	7,132.56	7,323.11	7,183.76	285.61	30.21	91.29	54.69	-10,228.27	763.53	452.66	310.87	2.456	CC, ES		
16,600.00	7,132.40	7,322.80	7,183.46	287.21	30.21	91.27	54.69	-10,228.27	765.43	453.34	312.09	2.453	SF		
16,700.00	7,132.11	7,322.24	7,182.89	290.16	30.21	91.23	54.71	-10,228.27	778.89	468.23	310.66	2.507			
16,800.00	7,131.81	7,321.67	7,182.33	293.12	30.21	91.18	54.72	-10,228.27	804.65	499.74	304.92	2.639			
16,900.00	7,131.52	7,321.11	7,181.76	296.07	30.21	91.14	54.73	-10,228.28	841.58	545.73	295.85	2.845			
17,000.00	7,131.22	7,320.54	7,181.20	299.02	30.21	91.10	54.75	-10,228.28	888.28	603.67	284.61	3.121			
17,100.00	7,130.93	7,319.98	7,180.63	301.98	30.21	91.06	54.76	-10,228.28	943.31	671.06	272.25	3.465			
17,200.00	7,130.63	7,319.41	7,180.07	304.93	30.21	91.01	54.77	-10,228.28	1,005.29	745.71	259.59	3.873			
17,300.00	7,130.34	7,318.85	7,179.50	307.89	30.20	90.97	54.78	-10,228.28	1,073.04	825.86	247.18	4.341			
17,400.00	7,130.04	7,318.28	7,178.94	310.84	30.20	90.93	54.80	-10,228.28	1,145.51	910.15	235.36	4.867			
17,414.80	7,130.00	7,318.20	7,178.85	311.28	30.20	90.92	54.80	-10,228.28	1,156.58	922.91	233.67	4.950			

Offset Design 5N-67W-11 Offsets Need Directional Surveys - SKYWAY 22-11 - Noble Energy PR Well - Actual Strata										Offset Site Error:		0.00 usft	
Survey Program: 150-SRC Energy_ISCWSA REV 2 MWD, 7438-SRC Energy_2" CONE_2.448										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,135.65	7,295.27	7,170.13	254.73	29.35	-87.31	-1,207.95	-10,219.00	1,158.63	1,023.08	135.54	8.548	
15,600.00	7,135.35	7,296.09	7,170.95	257.68	29.35	-87.41	-1,207.98	-10,219.01	1,069.28	923.10	146.18	7.315	
15,700.00	7,135.06	7,296.92	7,171.78	260.63	29.35	-87.50	-1,208.00	-10,219.02	982.00	823.47	158.52	6.195	
15,800.00	7,134.76	7,297.74	7,172.60	263.58	29.35	-87.60	-1,208.03	-10,219.03	897.37	724.49	172.88	5.191	
15,900.00	7,134.47	7,298.55	7,173.41	266.53	29.35	-87.69	-1,208.05	-10,219.03	816.22	626.66	189.55	4.306	
16,000.00	7,134.17	7,299.37	7,174.23	269.49	29.35	-87.78	-1,208.08	-10,219.04	739.70	530.93	208.78	3.543	
16,100.00	7,133.88	7,300.18	7,175.04	272.44	29.36	-87.88	-1,208.10	-10,219.05	669.41	438.90	230.50	2.904	
16,200.00	7,133.58	7,300.99	7,175.85	275.39	29.36	-87.97	-1,208.13	-10,219.06	607.49	353.42	254.08	2.391	
16,300.00	7,133.29	7,301.80	7,176.66	278.35	29.36	-88.06	-1,208.15	-10,219.07	556.77	279.06	277.71	2.005	
16,400.00	7,132.99	7,302.61	7,177.47	281.30	29.36	-88.15	-1,208.17	-10,219.08	520.51	222.42	298.10	1.746	
16,500.00	7,132.70	7,303.42	7,178.27	284.25	29.36	-88.25	-1,208.20	-10,219.08	501.87	190.97	310.90	1.614	
16,545.30	7,132.57	7,303.78	7,178.64	285.59	29.36	-88.29	-1,208.21	-10,219.09	499.82	186.60	313.22	1.596	CC, ES, SF
16,600.00	7,132.40	7,304.22	7,179.08	287.21	29.36	-88.34	-1,208.22	-10,219.09	502.81	189.96	312.84	1.607	
16,700.00	7,132.11	7,305.02	7,179.88	290.16	29.36	-88.43	-1,208.25	-10,219.10	523.21	219.30	303.91	1.722	
16,800.00	7,131.81	7,305.82	7,180.68	293.12	29.37	-88.52	-1,208.27	-10,219.11	560.97	273.62	287.35	1.952	
16,900.00	7,131.52	7,306.62	7,181.47	296.07	29.37	-88.61	-1,208.29	-10,219.12	612.88	345.54	267.34	2.293	
17,000.00	7,131.22	7,307.42	7,182.27	299.02	29.37	-88.71	-1,208.32	-10,219.13	675.69	428.66	247.04	2.735	
17,100.00	7,130.93	7,308.21	7,183.06	301.98	29.37	-88.80	-1,208.34	-10,219.13	746.65	518.50	228.15	3.273	
17,200.00	7,130.63	7,309.00	7,183.86	304.93	29.37	-88.89	-1,208.36	-10,219.14	823.66	612.32	211.35	3.897	
17,300.00	7,130.34	7,309.79	7,184.65	307.89	29.37	-88.98	-1,208.39	-10,219.15	905.18	708.48	196.70	4.602	
17,400.00	7,130.04	7,310.58	7,185.43	310.84	29.37	-89.07	-1,208.41	-10,219.16	990.09	806.06	184.03	5.380	
17,414.80	7,130.00	7,310.70	7,185.55	311.28	29.37	-89.08	-1,208.41	-10,219.16	1,002.89	820.58	182.31	5.501	

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		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)						
16,300.00	7,133.29	7,175.29	7,175.29	278.35	252.49	92.35	-634.31	-11,088.54	1,113.78	823.85	289.93	3.841		
16,400.00	7,132.99	7,174.99	7,174.99	281.30	252.48	92.13	-634.31	-11,088.54	1,014.07	722.54	291.53	3.478		
16,500.00	7,132.70	7,174.70	7,174.70	284.25	252.47	91.92	-634.31	-11,088.54	914.41	620.88	293.53	3.115		
16,600.00	7,132.40	7,174.40	7,174.40	287.21	252.46	91.71	-634.31	-11,088.54	814.84	518.75	296.10	2.752		
16,700.00	7,132.11	7,174.11	7,174.11	290.16	252.45	91.50	-634.31	-11,088.54	715.39	415.91	299.49	2.389		
16,800.00	7,131.81	7,173.81	7,173.81	293.12	252.44	91.29	-634.31	-11,088.54	616.12	311.99	304.13	2.026		
16,900.00	7,131.52	7,173.52	7,173.52	296.07	252.42	91.08	-634.31	-11,088.54	517.14	206.34	310.79	1.664		
17,000.00	7,131.22	7,173.22	7,173.22	299.02	252.41	90.87	-634.31	-11,088.54	418.63	97.72	320.91	1.305	Level 3	
17,100.00	7,130.93	7,172.93	7,172.93	301.98	252.40	90.66	-634.31	-11,088.54	321.04	-16.58	337.62	0.951	Level 1	
17,200.00	7,130.63	7,172.63	7,172.63	304.93	252.39	90.45	-634.31	-11,088.54	225.58	-143.30	368.88	0.612	Level 1	
17,300.00	7,130.34	7,172.34	7,172.34	307.89	252.38	90.23	-634.31	-11,088.54	136.77	-301.82	438.59	0.312	Level 1	
17,400.00	7,130.04	7,172.04	7,172.04	310.84	252.37	90.02	-634.31	-11,088.54	80.77	-480.83	561.61	0.144	Level 1	
17,410.91	7,130.01	7,172.01	7,172.01	311.17	252.37	90.00	-634.31	-11,088.54	80.03	-484.05	564.08	0.142	Level 1, CC, ES, SF	
17,414.80	7,130.00	7,172.00	7,172.00	311.28	252.37	89.99	-634.31	-11,088.54	80.13	-483.46	563.59	0.142	Level 1	

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		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		
14,800.00	7,137.71	7,524.86	7,179.71	234.07	43.34	91.62	-589.39	-9,579.17	1,107.25	1,045.37	61.88	17.893		
14,900.00	7,137.42	7,524.57	7,179.42	237.02	43.34	91.47	-589.39	-9,579.17	1,007.84	943.74	64.10	15.722		
15,000.00	7,137.12	7,524.27	7,179.12	239.97	43.34	91.32	-589.39	-9,579.17	908.57	841.68	66.89	13.584		
15,100.00	7,136.83	7,523.98	7,178.83	242.92	43.34	91.18	-589.39	-9,579.17	809.47	739.02	70.45	11.490		
15,200.00	7,136.53	7,523.68	7,178.53	245.87	43.34	91.03	-589.39	-9,579.17	710.63	635.49	75.14	9.458		
15,300.00	7,136.24	7,523.39	7,178.24	248.82	43.34	90.88	-589.39	-9,579.17	612.16	530.65	81.51	7.510		
15,400.00	7,135.94	7,523.09	7,177.94	251.77	43.34	90.74	-589.39	-9,579.17	514.28	423.74	90.55	5.680		
15,500.00	7,135.65	7,522.80	7,177.65	254.73	43.34	90.59	-589.39	-9,579.17	417.41	313.31	104.10	4.010		
15,600.00	7,135.35	7,522.50	7,177.35	257.68	43.34	90.44	-589.39	-9,579.17	322.46	196.48	125.99	2.560		
15,700.00	7,135.06	7,522.21	7,177.06	260.63	43.34	90.30	-589.39	-9,579.17	231.79	66.94	164.85	1.406	Level 3	
15,800.00	7,134.76	7,521.91	7,176.76	263.58	43.34	90.15	-589.39	-9,579.17	153.22	-84.65	237.87	0.644	Level 1	
15,900.00	7,134.47	7,521.62	7,176.47	266.53	43.34	90.00	-589.39	-9,579.17	114.99	-195.45	310.44	0.370	Level 1	
15,901.27	7,134.47	7,521.61	7,176.47	266.57	43.34	90.00	-589.39	-9,579.17	114.98	-195.46	310.45	0.370	Level 1, CC, ES, SF	
16,000.00	7,134.17	7,521.32	7,176.17	269.49	43.34	89.85	-589.39	-9,579.17	151.56	-87.24	238.80	0.635	Level 1	
16,100.00	7,133.88	7,521.03	7,175.88	272.44	43.34	89.71	-589.39	-9,579.17	229.60	65.41	164.19	1.398	Level 3	
16,200.00	7,133.58	7,520.73	7,175.58	275.39	43.34	89.56	-589.39	-9,579.17	320.10	195.53	124.57	2.570		
16,300.00	7,133.29	7,520.44	7,175.29	278.35	43.34	89.41	-589.39	-9,579.17	414.98	312.55	102.43	4.051		
16,400.00	7,132.99	7,520.14	7,174.99	281.30	43.34	89.27	-589.39	-9,579.17	511.81	422.93	88.88	5.758		
16,500.00	7,132.70	7,519.85	7,174.70	284.25	43.34	89.12	-589.39	-9,579.17	609.67	529.69	79.98	7.623		
16,600.00	7,132.40	7,519.55	7,174.40	287.21	43.34	88.97	-589.39	-9,579.17	708.13	634.30	73.83	9.591		
16,700.00	7,132.11	7,519.26	7,174.11	290.16	43.34	88.83	-589.39	-9,579.17	806.96	737.55	69.42	11.625		
16,800.00	7,131.81	7,518.96	7,173.81	293.12	43.34	88.68	-589.39	-9,579.17	906.06	839.89	66.16	13.694		
16,900.00	7,131.52	7,518.67	7,173.52	296.07	43.34	88.53	-589.39	-9,579.17	1,005.33	941.62	63.71	15.780		
17,000.00	7,131.22	7,518.37	7,173.22	299.02	43.34	88.39	-589.39	-9,579.17	1,104.73	1,042.90	61.83	17.868		

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	
17,100.00	7,130.93	7,283.19	7,181.12	301.98	26.49	91.11	227.22	-11,473.84	1,169.77	896.08	273.69	4.274	
17,200.00	7,130.63	7,282.25	7,180.18	304.93	26.49	91.05	227.23	-11,473.85	1,113.67	825.91	287.77	3.870	
17,300.00	7,130.34	7,281.32	7,179.25	307.89	26.49	90.99	227.24	-11,473.85	1,064.04	762.41	301.63	3.528	
17,400.00	7,130.04	7,280.39	7,178.32	310.84	26.48	90.94	227.25	-11,473.86	1,021.81	707.10	314.70	3.247	
17,414.80	7,130.00	7,280.25	7,178.19	311.28	26.48	90.93	227.26	-11,473.86	1,016.24	699.72	316.53	3.211	CC, ES, SF

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		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
5,700.00	5,649.56	5,635.56	5,635.56	15.73	197.94	40.22	-567.88	-1,720.79	1,190.06	977.13	212.93	5.589	
5,800.00	5,748.58	5,734.58	5,734.58	16.06	201.45	40.65	-567.88	-1,720.79	1,179.42	962.66	216.76	5.441	
5,900.00	5,847.61	5,833.61	5,833.61	16.39	204.95	41.09	-567.88	-1,720.79	1,168.85	948.27	220.59	5.299	
6,000.00	5,946.64	5,932.64	5,932.64	16.72	208.46	41.54	-567.88	-1,720.79	1,158.35	933.94	224.42	5.162	
6,100.00	6,045.66	6,031.66	6,031.66	17.05	211.97	42.00	-567.88	-1,720.79	1,147.93	919.68	228.25	5.029	
6,200.00	6,144.69	6,130.69	6,130.69	17.38	215.48	42.47	-567.88	-1,720.79	1,137.58	905.49	232.09	4.902	
6,300.00	6,243.72	6,229.72	6,229.72	17.72	218.99	42.94	-567.88	-1,720.79	1,127.31	891.38	235.92	4.778	
6,400.00	6,342.74	6,328.74	6,328.74	18.05	222.50	43.43	-567.88	-1,720.79	1,117.11	877.35	239.77	4.659	
6,500.00	6,441.77	6,427.77	6,427.77	18.39	226.00	43.92	-567.88	-1,720.79	1,107.00	863.39	243.61	4.544	
6,600.00	6,540.80	6,526.80	6,526.80	18.72	229.51	44.42	-567.88	-1,720.79	1,096.97	849.52	247.45	4.433	
6,700.00	6,639.57	6,625.57	6,625.57	19.07	233.01	29.77	-567.88	-1,720.79	1,085.05	833.76	251.29	4.318	
6,800.00	6,735.67	6,721.67	6,721.67	19.49	236.42	18.57	-567.88	-1,720.79	1,059.74	804.67	255.07	4.155	
6,900.00	6,826.60	6,812.60	6,812.60	20.02	239.64	14.71	-567.88	-1,720.79	1,019.73	761.03	258.70	3.942	
7,000.00	6,910.10	6,903.90	6,896.10	20.68	242.87	13.44	-567.88	-1,720.79	966.03	703.67	262.36	3.682	
7,100.00	6,984.13	6,970.13	6,970.13	21.49	245.22	13.70	-567.88	-1,720.79	899.97	634.83	265.15	3.394	
7,200.00	7,046.86	7,032.86	7,032.86	22.50	247.44	15.49	-567.88	-1,720.79	823.22	555.41	267.80	3.074	
7,300.00	7,096.75	7,082.75	7,082.75	23.74	249.21	19.65	-567.88	-1,720.79	737.68	467.68	270.00	2.732	
7,400.00	7,132.56	7,118.56	7,118.56	25.23	250.48	28.92	-567.88	-1,720.79	645.52	373.82	271.71	2.376	
7,500.00	7,153.42	7,139.42	7,139.42	26.97	251.22	51.90	-567.88	-1,720.79	549.09	276.18	272.91	2.012	
7,600.00	7,158.96	7,144.96	7,144.96	28.88	251.41	90.89	-567.88	-1,720.79	450.87	177.22	273.65	1.648	
7,700.00	7,158.66	7,144.66	7,144.66	30.95	251.40	90.69	-567.88	-1,720.79	353.14	78.65	274.50	1.287	Level 3
7,800.00	7,158.37	7,144.37	7,144.37	33.16	251.39	90.49	-567.88	-1,720.79	257.17	-18.96	276.13	0.931	Level 1
7,900.00	7,158.07	7,144.07	7,144.07	35.49	251.38	90.29	-567.88	-1,720.79	166.01	-113.93	279.94	0.593	Level 1
8,000.00	7,157.78	7,143.78	7,143.78	37.91	251.37	90.09	-567.88	-1,720.79	94.78	-194.04	288.83	0.328	Level 1
8,042.88	7,157.65	7,143.65	7,143.65	38.98	251.37	90.00	-567.88	-1,720.79	84.53	-205.88	290.41	0.291	Level 1, CC, ES, SF
8,100.00	7,157.48	7,143.48	7,143.48	40.41	251.36	89.89	-567.88	-1,720.79	102.02	-181.82	283.84	0.359	Level 1
8,200.00	7,157.19	7,143.19	7,143.19	42.97	251.35	89.69	-567.88	-1,720.79	178.42	-96.47	274.89	0.649	Level 1
8,300.00	7,156.89	7,142.89	7,142.89	45.58	251.34	89.49	-567.88	-1,720.79	270.66	-1.79	272.45	0.993	Level 1
8,400.00	7,156.60	7,142.60	7,142.60	48.24	251.33	89.29	-567.88	-1,720.79	366.99	95.25	271.74	1.351	Level 3
8,500.00	7,156.30	7,142.30	7,142.30	50.92	251.32	89.09	-567.88	-1,720.79	464.87	193.36	271.52	1.712	
8,600.00	7,156.01	7,142.01	7,142.01	53.64	251.31	88.89	-567.88	-1,720.79	563.50	292.04	271.46	2.076	
8,700.00	7,155.71	7,141.71	7,141.71	56.38	251.30	88.69	-567.88	-1,720.79	662.53	391.07	271.46	2.441	
8,800.00	7,155.42	7,141.42	7,141.42	59.15	251.29	88.49	-567.88	-1,720.79	761.82	490.33	271.50	2.806	
8,900.00	7,155.12	7,141.12	7,141.12	61.93	251.28	88.29	-567.88	-1,720.79	861.28	589.73	271.54	3.172	
9,000.00	7,154.83	7,140.83	7,140.83	64.73	251.27	88.09	-567.88	-1,720.79	960.84	689.25	271.60	3.538	
9,100.00	7,154.53	7,140.53	7,140.53	67.55	251.26	87.89	-567.88	-1,720.79	1,060.49	788.84	271.66	3.904	
9,200.00	7,154.24	7,140.24	7,140.24	70.37	251.25	87.69	-567.88	-1,720.79	1,160.20	888.49	271.71	4.270	

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		
7,900.00	7,158.07	7,275.74	7,173.06	35.49	28.16	91.11	141.24	-2,440.11	1,171.71	1,119.67	52.04	22.517		
8,000.00	7,157.78	7,275.18	7,172.51	37.91	28.16	91.07	141.24	-2,440.12	1,100.64	1,046.11	54.53	20.183		
8,100.00	7,157.48	7,274.63	7,171.96	40.41	28.16	91.03	141.25	-2,440.12	1,034.37	976.90	57.47	17.998		
8,200.00	7,157.19	7,274.08	7,171.41	42.97	28.16	90.99	141.26	-2,440.12	973.87	913.01	60.86	16.002		
8,300.00	7,156.89	7,273.54	7,170.86	45.58	28.16	90.96	141.27	-2,440.12	920.29	855.62	64.67	14.230		
8,400.00	7,156.60	7,272.99	7,170.32	48.24	28.16	90.92	141.27	-2,440.12	874.89	806.07	68.82	12.714		
8,500.00	7,156.30	7,272.45	7,169.78	50.92	28.16	90.88	141.28	-2,440.12	839.01	765.89	73.12	11.474		
8,600.00	7,156.01	7,271.92	7,169.24	53.64	28.16	90.84	141.29	-2,440.12	813.91	736.57	77.33	10.525		
8,700.00	7,155.71	7,271.38	7,168.71	56.38	28.16	90.80	141.30	-2,440.13	800.59	719.45	81.15	9.866		
8,757.48	7,155.54	7,271.08	7,168.40	57.97	28.16	90.78	141.30	-2,440.13	798.53	715.48	83.04	9.616 CC		
8,800.00	7,155.42	7,270.85	7,168.18	59.15	28.16	90.76	141.30	-2,440.13	799.66	715.39	84.27	9.489 ES		
8,900.00	7,155.12	7,270.32	7,167.65	61.93	28.16	90.73	141.31	-2,440.13	811.15	724.64	86.51	9.377 SF		
9,000.00	7,154.83	7,269.80	7,167.12	64.73	28.16	90.69	141.32	-2,440.13	834.54	746.75	87.79	9.506		
9,100.00	7,154.53	7,269.28	7,166.60	67.55	28.15	90.65	141.32	-2,440.13	868.89	780.69	88.20	9.852		
9,200.00	7,154.24	7,268.76	7,166.08	70.37	28.15	90.61	141.33	-2,440.13	912.94	825.05	87.89	10.388		
9,300.00	7,153.94	7,268.24	7,165.57	73.21	28.15	90.58	141.34	-2,440.13	965.38	878.33	87.05	11.090		
9,400.00	7,153.65	7,267.73	7,165.05	76.06	28.15	90.54	141.35	-2,440.13	1,024.92	939.05	85.87	11.936		
9,500.00	7,153.35	7,267.22	7,164.54	78.91	28.15	90.50	141.35	-2,440.14	1,090.40	1,005.91	84.49	12.906		
9,600.00	7,153.06	7,266.71	7,164.04	81.77	28.15	90.47	141.36	-2,440.14	1,160.80	1,077.78	83.02	13.982		



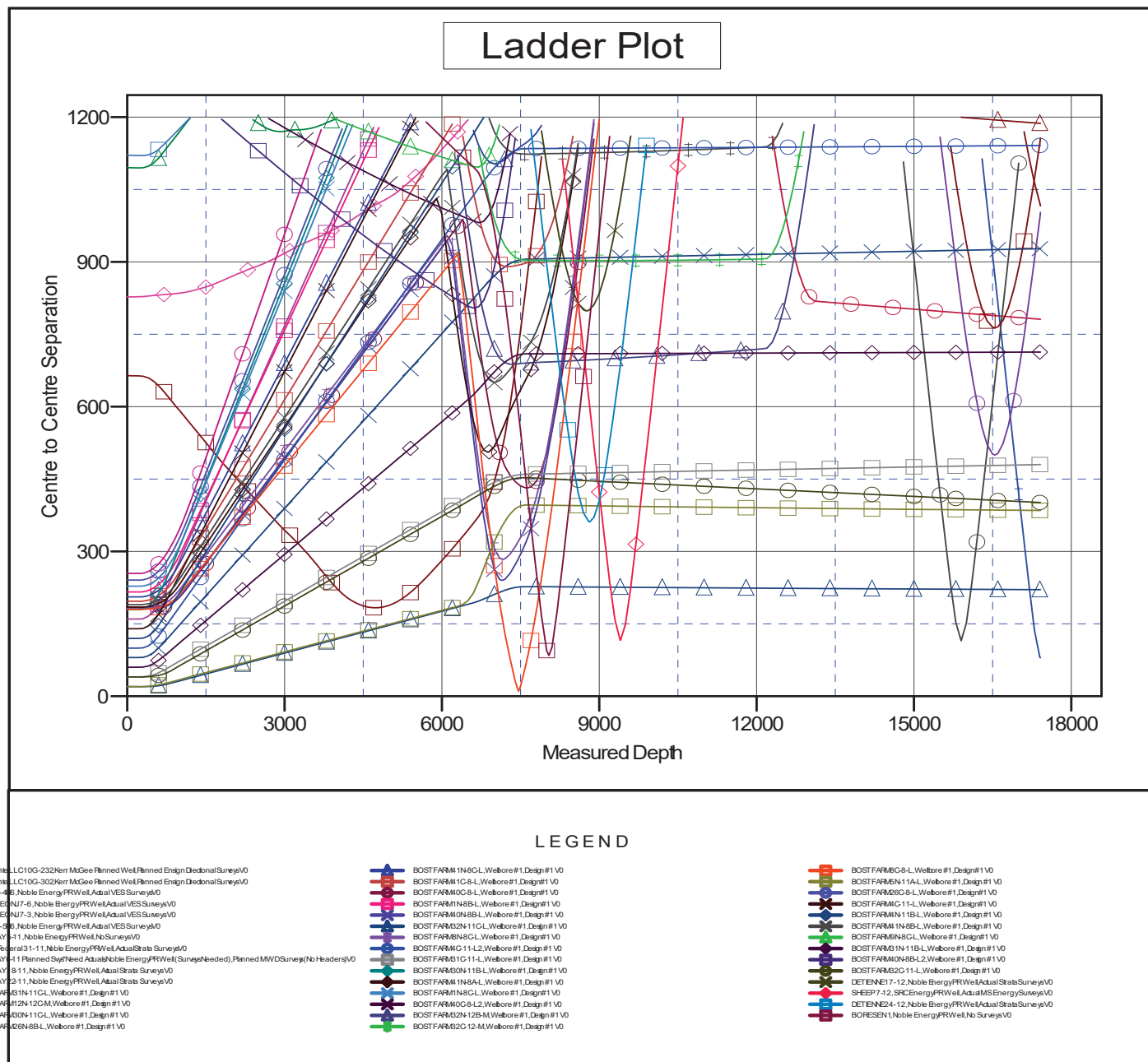
Offset Design		5N-67W-12 Offsets - DETIENNE 24-12 - Noble Energy PR Well - Actual Strata Surveys											Offset Site Error:		0.00 usft
Survey Program:		96-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference  (usft)	Offset  (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
7,700.00	7,158.66	7,253.02	7,162.32	30.95	26.79	-90.79	-1,018.93	-2,492.26	1,174.30	1,134.37	39.93	29.408			
7,800.00	7,158.37	7,253.33	7,162.63	33.16	26.79	-90.83	-1,018.92	-2,492.26	1,079.60	1,039.52	40.08	26.939			
7,900.00	7,158.07	7,253.63	7,162.94	35.49	26.79	-90.88	-1,018.91	-2,492.26	985.94	945.50	40.44	24.381			
8,000.00	7,157.78	7,253.94	7,163.25	37.91	26.79	-90.93	-1,018.91	-2,492.26	893.65	852.52	41.13	21.726			
8,100.00	7,157.48	7,254.25	7,163.56	40.41	26.79	-90.98	-1,018.90	-2,492.26	803.21	760.89	42.32	18.978			
8,200.00	7,157.19	7,254.56	7,163.87	42.97	26.79	-91.03	-1,018.89	-2,492.27	715.33	671.09	44.24	16.169			
8,300.00	7,156.89	7,254.87	7,164.18	45.58	26.79	-91.08	-1,018.88	-2,492.27	631.06	583.86	47.19	13.371			
8,400.00	7,156.60	7,255.18	7,164.49	48.24	26.79	-91.13	-1,018.88	-2,492.27	552.06	500.48	51.58	10.704			
8,500.00	7,156.30	7,255.49	7,164.80	50.92	26.79	-91.18	-1,018.87	-2,492.27	480.95	423.16	57.79	8.323			
8,600.00	7,156.01	7,255.81	7,165.11	53.64	26.79	-91.23	-1,018.86	-2,492.27	421.72	355.73	65.99	6.391			
8,700.00	7,155.71	7,256.12	7,165.42	56.38	26.79	-91.28	-1,018.85	-2,492.28	379.98	304.57	75.41	5.039			
8,800.00	7,155.42	7,256.43	7,165.73	59.15	26.79	-91.33	-1,018.85	-2,492.28	361.84	278.13	83.71	4.323			
8,817.31	7,155.37	7,256.48	7,165.79	59.63	26.79	-91.33	-1,018.85	-2,492.28	361.42	276.62	84.80	4.262 CC, ES			
8,900.00	7,155.12	7,256.74	7,166.04	61.93	26.79	-91.38	-1,018.84	-2,492.28	370.76	282.69	88.07	4.210 SF			
9,000.00	7,154.83	7,257.05	7,166.35	64.73	26.79	-91.43	-1,018.83	-2,492.28	404.97	317.06	87.91	4.607			
9,100.00	7,154.53	7,257.36	7,166.67	67.55	26.79	-91.47	-1,018.83	-2,492.28	458.85	373.88	84.97	5.400			
9,200.00	7,154.24	7,257.67	7,166.98	70.37	26.79	-91.52	-1,018.82	-2,492.29	526.38	445.28	81.10	6.490			
9,300.00	7,153.94	7,257.98	7,167.29	73.21	26.79	-91.57	-1,018.81	-2,492.29	603.00	525.68	77.32	7.799			
9,400.00	7,153.65	7,258.29	7,167.60	76.06	26.79	-91.62	-1,018.80	-2,492.29	685.68	611.69	73.99	9.267			
9,500.00	7,153.35	7,258.61	7,167.91	78.91	26.79	-91.67	-1,018.80	-2,492.29	772.46	701.29	71.16	10.855			
9,600.00	7,153.06	7,258.92	7,168.22	81.77	26.80	-91.72	-1,018.79	-2,492.29	862.11	793.30	68.80	12.530			
9,700.00	7,152.76	7,259.23	7,168.53	84.64	26.80	-91.77	-1,018.78	-2,492.30	953.81	886.98	66.83	14.272			
9,800.00	7,152.47	7,259.54	7,168.85	87.52	26.80	-91.82	-1,018.78	-2,492.30	1,047.04	981.87	65.18	16.065			
9,900.00	7,152.17	7,259.85	7,169.16	90.40	26.80	-91.87	-1,018.77	-2,492.30	1,141.42	1,077.64	63.78	17.897			

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							Warning		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)					
8,300.00	7,156.89	7,308.69	7,169.29	45.58	39.59	87.86	-545.38	-3,085.01	1,113.02	1,052.47	60.54	18.383				
8,400.00	7,156.60	7,309.06	7,169.66	48.24	39.59	88.04	-545.37	-3,085.02	1,013.62	952.75	60.87	16.653				
8,500.00	7,156.30	7,309.43	7,170.03	50.92	39.59	88.22	-545.37	-3,085.02	914.35	853.07	61.27	14.922				
8,600.00	7,156.01	7,309.80	7,170.40	53.64	39.59	88.41	-545.37	-3,085.02	815.26	753.45	61.81	13.190				
8,700.00	7,155.71	7,310.17	7,170.77	56.38	39.59	88.59	-545.37	-3,085.02	716.42	653.89	62.53	11.458				
8,800.00	7,155.42	7,310.54	7,171.14	59.15	39.59	88.77	-545.37	-3,085.03	617.95	554.41	63.54	9.726				
8,900.00	7,155.12	7,310.91	7,171.51	61.93	39.59	88.95	-545.37	-3,085.03	520.07	455.04	65.03	7.997				
9,000.00	7,154.83	7,311.29	7,171.88	64.73	39.59	89.14	-545.37	-3,085.03	423.18	355.80	67.38	6.281				
9,100.00	7,154.53	7,311.66	7,172.25	67.55	39.59	89.32	-545.37	-3,085.03	328.17	256.81	71.35	4.599				
9,200.00	7,154.24	7,312.03	7,172.62	70.37	39.59	89.50	-545.37	-3,085.04	237.28	158.57	78.71	3.015				
9,300.00	7,153.94	7,312.40	7,172.99	73.21	39.59	89.69	-545.37	-3,085.04	157.83	64.80	93.03	1.696				
9,400.00	7,153.65	7,312.77	7,173.37	76.06	39.59	89.87	-545.37	-3,085.04	116.27	6.04	110.23	1.055 Level 2				
9,406.96	7,153.63	7,312.80	7,173.39	76.25	39.59	89.88	-545.37	-3,085.04	116.06	5.53	110.54	1.050 Level 2, CC, ES, SF				
9,500.00	7,153.35	7,313.14	7,173.74	78.91	39.59	90.06	-545.37	-3,085.04	148.75	50.54	98.22	1.515				
9,600.00	7,153.06	7,313.52	7,174.11	81.77	39.59	90.24	-545.37	-3,085.05	225.25	143.88	81.37	2.768				
9,700.00	7,152.76	7,313.89	7,174.48	84.64	39.59	90.42	-545.37	-3,085.05	315.19	242.75	72.44	4.351				
9,800.00	7,152.47	7,314.26	7,174.86	87.52	39.59	90.61	-545.36	-3,085.05	409.82	342.01	67.81	6.044				
9,900.00	7,152.17	7,314.63	7,175.23	90.40	39.59	90.79	-545.36	-3,085.05	506.52	441.29	65.23	7.765				
10,000.00	7,151.88	7,315.01	7,175.60	93.29	39.59	90.98	-545.36	-3,085.06	604.29	540.59	63.70	9.486				
10,100.00	7,151.58	7,315.38	7,175.98	96.18	39.59	91.16	-545.36	-3,085.06	702.69	639.94	62.75	11.198				
10,200.00	7,151.29	7,315.76	7,176.35	99.08	39.59	91.34	-545.36	-3,085.06	801.49	739.35	62.14	12.898				
10,300.00	7,150.99	7,316.13	7,176.72	101.98	39.59	91.53	-545.36	-3,085.06	900.55	838.81	61.74	14.587				
10,400.00	7,150.70	7,316.50	7,177.10	104.88	39.59	91.71	-545.36	-3,085.07	999.80	938.33	61.47	16.266				
10,500.00	7,150.40	7,316.88	7,177.47	107.78	39.59	91.90	-545.36	-3,085.07	1,099.18	1,037.89	61.29	17.935				
10,600.00	7,150.11	7,317.25	7,177.85	110.69	39.60	92.08	-545.36	-3,085.07	1,198.67	1,137.50	61.17	19.595				

Coordinates are relative to: BOST FARM 5C-11-L















Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°



Central Meridian is -105.500000

Grid Convergence at Surface is: 0.43°

	BOSTFARM6C8-L, Webstore #1, Design#1 V0
	BOSTFARM11A-L, Webstore #1, Design#1 V0
	BOSTFARM26C8-L, Webstore #1, Design#1 V0
	BOSTFARM11C-L, Webstore #1, Design#1 V0
	BOSTFARM11B-L, Webstore #1, Design#1 V0
	BOSTFARM118B-L, Webstore #1, Design#1 V0
	BOSTFARM8B-L, Webstore #1, Design#1 V0
	BOSTFARM1N-11B-L, Webstore #1, Design#1 V0
	BOSTFARM82C-L, Webstore #1, Design#1 V0
	BOSTFARM68B-L, Webstore #1, Design#1 V0
	DETENN17-12, Noble EnergyPRWelAduStratsSurvey0
	SHEEP-12, SRCEnergyPRWelAduMSISEnergySurvey0
	DETENN24-12, Noble EnergyPRWelAduStratsSurvey0
	BORENST-Noble EnergyPRWelN, NsSurvey0