

# **SRC ENERGY**

**WELD COUNTY (NAD83, TRUE NORTH)  
5N-66W-07 BOST FARM 5-7 PAD  
BOST FARM 30N-11B-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>	12/28/2017			
<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	17,301.60	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						Out of range
BOST FARM 13C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 13N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 16C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 16N-8A-L - Wellbore #1 - Design #1						Out of range
BOST FARM 16N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	255.04	257.64	189.67	182.06	24.919	CC, ES
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	7,200.00	7,489.10	644.00	589.20	11.753	SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	260.64	263.01	184.44	176.82	24.215	CC, ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	7,400.00	7,410.51	341.13	284.92	6.068	SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	264.98	267.12	180.99	173.37	23.751	CC, ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	7,581.27	7,319.50	236.95	178.13	4.028	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,341.28	7,454.87	20.37	-36.34	0.359	Level 1, CC, ES, SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	200.00	20.04	12.47	2.648	CC
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	17,302.29	17,333.80	225.45	-378.35	0.373	Level 1, ES, SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	200.00	139.90	132.33	18.484	CC
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	200.00	139.90	132.33	18.484	ES
BOST FARM 31C-11-L - Wellbore #1 - Design #1	300.00	299.23	140.41	132.76	18.348	SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.837	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.01	200.01	119.86	112.29	15.837	ES
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	300.00	299.90	120.26	112.60	15.713	SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	200.00	99.83	92.26	13.190	CC
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.03	200.03	99.83	92.26	13.190	ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	17,302.29	17,257.16	1,097.44	474.56	1.762	SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	200.00	220.04	212.47	29.073	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	300.00	296.94	220.76	213.11	28.855	SF
BOST FARM 32C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	200.00	200.00	200.01	192.44	26.426	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	300.00	297.43	200.71	193.05	26.232	SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12A-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 38C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 38N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 40C-8-L - Wellbore #1 - Design #1	200.00	202.00	284.32	276.76	37.563	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	300.00	297.48	284.88	277.23	37.235	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	200.00	202.00	269.03	261.46	35.542	CC
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	200.02	202.02	269.03	261.46	35.542	ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	300.00	297.76	269.57	261.91	35.232	SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 41C-8-L - Wellbore #1 - Design #1	252.00	255.00	205.91	198.30	27.060	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	7,900.00	7,061.15	1,142.57	1,081.23	18.627	SF

Summary

Site Name	Reference	Offset	Distance		Separation	Warning
	Measured	Measured	Between	Between		
Offset Well - Wellbore - Design	Depth	Depth	Centres	Ellipses	Factor	
	(usft)	(usft)	(usft)	(usft)		
<b>5N-66W-07 BOST FARM 5-7 PAD</b>						
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	200.00	203.00	228.08	220.51	30.131	CC
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	204.09	207.09	228.08	220.51	30.121	ES
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	400.00	393.20	231.80	224.03	29.837	SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	200.00	203.00	216.27	208.70	28.571	CC
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	203.77	206.77	216.27	208.70	28.562	ES
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	400.00	393.69	219.72	211.95	28.280	SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	251.66	254.66	197.07	189.46	25.899	CC, ES
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	7,700.00	7,122.60	889.31	831.51	15.387	SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	200.00	40.07	32.51	5.295	CC
BOST FARM 4C-11-L - Wellbore #1 - Design #1	17,302.29	17,386.09	537.27	-17.35	0.969	Level 1, ES, SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	200.00	80.15	72.58	10.589	CC, ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	17,302.29	17,371.07	904.95	298.62	1.492	Level 3, SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	200.00	60.12	52.55	7.943	CC
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	17,302.29	17,205.43	655.75	31.73	1.051	Level 2, ES, SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	200.00	179.97	172.40	23.778	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	300.00	297.91	180.63	172.98	23.608	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	200.00	159.95	152.38	21.133	CC, ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	300.00	298.54	160.55	152.89	20.981	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	200.00	203.00	254.60	247.03	33.635	CC, ES
BOST FARM 8C-8-L - Wellbore #1 - Design #1	300.00	298.97	255.13	247.48	33.342	SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	200.00	203.00	240.77	233.20	31.807	CC
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	204.32	207.32	240.77	233.20	31.795	ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	400.00	392.33	244.84	237.07	31.521	SF
BOST FARM 9C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8C-L - Wellbore #1 - Design #1						Out of range
<b>5N-66W-07 Offsets</b>						
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-13 - SRC Energy SI Well - No Surveys						Out of range
ARIEL J 7-14 - Noble Energy SI Well - Actual VES Surve						Out of range
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	2,572.91	2,533.14	882.62	867.93	60.092	CC
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	2,600.00	2,559.37	882.64	867.85	59.679	ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	6,600.00	6,474.65	1,176.20	1,142.17	34.558	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	2,116.68	2,120.14	899.15	886.04	68.560	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	2,800.00	2,688.29	957.12	941.94	63.075	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	3,639.19	3,554.51	283.54	263.95	14.471	CC
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	3,700.00	3,613.99	283.83	263.90	14.243	ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	4,000.00	3,905.55	294.99	273.52	13.738	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	300.00	284.26	776.54	769.08	104.158	CC, ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	4,500.00	4,427.54	1,189.40	1,166.67	52.323	SF
<b>5N-66W-08 Offsets Need HZ</b>						
DRAKE 8-1 - St. James AB Well - No Surveys						Out of range
DRAKE 8-13H6 - SRC Energy PR Well - Actual VES Sur						Out of range
DRAKE 8-15H6 - Noble Energy PR Well - No Surveys						Out of range
DRAKE 8-2 - St. James AB Well - No Surveys						Out of range
MOEN 8-7H6 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve						Out of range
MOEN J 8-8 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-9 - SRC Energy SI Well - No Surveys						Out of range
WHITE 8-1 - Extraction PR Well - No Surveys						Out of range
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv						Out of range
WIEDEMAN 8-11H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-12H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S						Out of range
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES						Out of range

Summary							
Site Name	Reference	Offset	Distance		Separation Factor	Warning	
	Measured Depth (usft)	Measured 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	11,994.39	11,906.67	551.31	290.59	2.115	CC, ES	
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann	12,000.00	11,897.00	551.41	290.62	2.114	SF	
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann	7,238.65	7,032.00	135.41	87.24	2.811	CC, ES	
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann	7,300.00	7,083.10	141.14	90.38	2.780	SF	
HERTZKE 1-33 - SRC Energy SI Well - No Surveys	11,863.85	6,988.84	651.68	253.87	1.638	CC	
HERTZKE 1-33 - SRC Energy SI Well - No Surveys	11,900.00	6,988.75	652.68	253.51	1.635	ES, SF	
5N-67W-02 Offsets Incomplete							
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys	13,104.20	7,002.31	655.28	220.53	1.507	CC, ES, SF	
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys	17,009.18	6,973.74	641.42	92.47	1.168	Level 2, CC, ES, SF	
5N-67W-10 Offsets Incomplete							
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P						Out of range	
5N-67W-11 Offsets Need Directional Surveys							
ARTIST 11-12 - SRC Energy SI Well - No Surveys	14,275.09	7,024.71	434.44	-35.61	0.924	Level 1, CC, ES, SF	
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S						Out of range	
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S						Out of range	
SKYWAY 3-11 Approximation - Noble Energy PR Well - *	15,803.13	7,187.27	585.57	280.89	1.922	CC, ES, SF	
SKYWAY 4-11 - Noble Energy PR Well - No Surveys	17,164.62	6,975.35	381.25	-172.35	0.689	Level 1, CC, ES, SF	
SKYWAY 5-11 - Noble Energy PR Well - No Surveys						Out of range	
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene						Out of range	
Skyway Federal 31-11 - Noble Energy PR Well - Actual S	17,302.29	7,070.37	1,137.51	820.52	3.588	CC, ES, SF	
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys	13,501.86	7,009.67	302.10	-144.62	0.676	Level 1, CC, ES, SF	
UPRR 49 PAN AM B 1 - SRC Energy PR Well - No Surve						Out of range	
5N-67W-12 Offsets							
BORESEN 1 - Noble Energy PR Well - No Surveys						Out of range	
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	7,956.18	7,140.22	581.77	520.40	9.480	CC, ES	
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	8,000.00	7,139.60	583.42	521.67	9.449	SF	
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata						Out of range	
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata						Out of range	
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy	9,300.00	7,576.45	585.54	470.81	5.103	ES, SF	
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy	9,305.87	7,576.45	585.52	470.85	5.106	CC	
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy						Out of range	
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range	

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis			Distance		Minimum Separation (usft)	Separation Factor	Warning			
		Reference Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)						Between Centres (usft)
0.00	0.00	3.00	3.00	3.28	3.28	-108.01	-58.65	-180.43	189.72					
100.00	100.00	103.00	103.00	3.28	3.28	-108.01	-58.65	-180.43	189.72	182.19	7.53	25.204		
200.00	200.00	203.00	203.00	3.30	3.30	-108.01	-58.65	-180.43	189.72	182.15	7.57	25.064		
255.04	255.03	257.64	257.64	3.32	3.32	-77.48	-58.65	-180.44	189.67	182.06	7.61	24.919	CC, ES	
300.00	300.00	300.39	300.39	3.35	3.35	-77.44	-58.50	-180.84	189.99	182.34	7.65	24.823		
400.00	399.93	395.43	395.37	3.41	3.40	-77.77	-57.35	-183.88	191.90	184.13	7.77	24.690		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
500.00	499.68	490.36	490.08	3.50	3.49	-78.41	-55.11	-189.86	195.67	187.74	7.93	24.674		
600.00	599.13	585.13	584.36	3.62	3.59	-79.34	-51.76	-198.75	201.34	193.21	8.13	24.763		
700.00	698.15	679.65	678.04	3.76	3.72	-80.49	-47.34	-210.53	208.94	200.56	8.38	24.933		
800.00	796.63	773.88	770.96	3.93	3.88	-81.81	-41.84	-225.14	218.54	209.85	8.69	25.157		
900.00	894.51	867.76	862.98	4.14	4.08	-83.26	-35.31	-242.53	230.22	221.15	9.06	25.409		
1,000.00	992.29	961.30	954.01	4.39	4.33	-84.27	-27.74	-262.66	244.24	234.74	9.50	25.721		
1,100.00	1,090.07	1,057.55	1,047.04	4.66	4.62	-84.77	-19.05	-285.79	260.18	250.18	10.00	26.014		
1,200.00	1,187.85	1,156.22	1,142.32	4.95	4.96	-85.17	-10.03	-309.77	276.35	265.78	10.57	26.141		
1,300.00	1,285.63	1,254.89	1,237.60	5.26	5.32	-85.53	-1.02	-333.75	292.53	281.35	11.18	26.162		
1,400.00	1,383.40	1,353.55	1,332.89	5.58	5.70	-85.85	8.00	-357.73	308.72	296.89	11.83	26.098		
1,500.00	1,481.18	1,452.22	1,428.17	5.92	6.11	-86.13	17.01	-381.72	324.92	312.43	12.49	26.004		
1,600.00	1,578.96	1,550.88	1,523.45	6.26	6.52	-86.39	26.02	-405.70	341.13	327.94	13.19	25.861		
1,700.00	1,676.74	1,649.55	1,618.73	6.62	6.95	-86.63	35.04	-429.68	357.35	343.44	13.91	25.698		
1,800.00	1,774.52	1,748.22	1,714.02	6.82	7.29	-86.85	44.05	-453.66	373.57	359.38	14.19	26.335		
1,900.00	1,872.30	1,846.88	1,809.30	6.87	7.46	-87.05	53.07	-477.64	389.79	375.58	14.21	27.435		
2,000.00	1,970.07	1,945.55	1,904.58	6.95	7.55	-87.23	62.08	-501.62	406.02	391.66	14.36	28.274		
2,100.00	2,067.85	2,044.22	1,999.86	7.06	7.67	-87.40	71.10	-525.61	422.25	407.69	14.56	28.994		
2,200.00	2,165.63	2,142.88	2,095.14	7.19	7.82	-87.55	80.11	-549.59	438.49	423.67	14.81	29.598		
2,300.00	2,263.41	2,241.55	2,190.43	7.33	8.00	-87.70	89.12	-573.57	454.73	439.61	15.11	30.090		
2,400.00	2,361.19	2,340.22	2,285.71	7.50	8.21	-87.83	98.14	-597.55	470.97	455.51	15.45	30.478		
2,500.00	2,458.97	2,438.88	2,380.99	7.69	8.44	-87.96	107.15	-621.53	487.21	471.38	15.83	30.770		
2,600.00	2,556.74	2,537.55	2,476.27	7.90	8.70	-88.08	116.17	-645.51	503.46	487.20	16.25	30.976		
2,700.00	2,654.52	2,636.22	2,571.56	8.12	8.97	-88.19	125.18	-669.50	519.70	503.00	16.71	31.107		
2,800.00	2,752.30	2,734.88	2,666.84	8.36	9.27	-88.29	134.20	-693.48	535.95	518.76	17.19	31.173		
2,900.00	2,850.08	2,833.55	2,762.12	8.61	9.58	-88.39	143.21	-717.46	552.20	534.50	17.71	31.184		
3,000.00	2,947.86	2,932.22	2,857.40	8.88	9.91	-88.48	152.22	-741.44	568.46	550.21	18.25	31.149		
3,100.00	3,045.64	3,030.88	2,952.68	9.15	10.26	-88.57	161.24	-765.42	584.71	565.89	18.82	31.075		
3,200.00	3,143.41	3,129.55	3,047.97	9.44	10.61	-88.65	170.25	-789.40	600.97	581.56	19.40	30.970		
3,300.00	3,241.19	3,228.21	3,143.25	9.74	10.98	-88.73	179.27	-813.39	617.22	597.21	20.01	30.840		
3,400.00	3,338.97	3,326.88	3,238.53	10.04	11.36	-88.80	188.28	-837.37	633.48	612.84	20.64	30.690		
3,500.00	3,436.75	3,425.55	3,333.81	10.35	11.75	-88.87	197.30	-861.35	649.74	628.45	21.29	30.525		
3,600.00	3,534.53	3,524.21	3,429.09	10.67	12.14	-88.94	206.31	-885.33	666.00	644.05	21.94	30.349		
3,700.00	3,632.31	3,622.88	3,524.38	11.00	12.55	-89.00	215.32	-909.31	682.26	659.64	22.62	30.164		
3,800.00	3,730.08	3,721.55	3,619.66	11.33	12.96	-89.06	224.34	-933.29	698.52	675.21	23.30	29.973		
3,900.00	3,827.86	3,820.21	3,714.94	11.67	13.38	-89.12	233.35	-957.28	714.78	690.78	24.00	29.780		
4,000.00	3,925.64	3,918.88	3,810.22	12.02	13.80	-89.18	242.37	-981.26	731.04	706.33	24.71	29.584		
4,100.00	4,023.42	4,017.55	3,905.51	12.36	14.23	-89.23	251.38	-1,005.24	747.30	721.87	25.43	29.388		
4,200.00	4,121.20	4,116.21	4,000.79	12.72	14.66	-89.28	260.40	-1,029.22	763.57	737.41	26.16	29.193		
4,300.00	4,218.98	4,214.88	4,096.07	13.07	15.10	-89.33	269.41	-1,053.20	779.83	752.94	26.89	29.000		
4,400.00	4,316.75	4,313.55	4,191.35	13.43	15.54	-89.37	278.42	-1,077.18	796.10	768.46	27.63	28.809		
4,500.00	4,414.53	4,412.21	4,286.63	13.80	15.98	-89.42	287.44	-1,101.17	812.36	783.98	28.38	28.621		
4,600.00	4,512.31	4,510.88	4,381.92	14.16	16.43	-89.46	296.45	-1,125.15	828.63	799.49	29.14	28.437		
4,700.00	4,610.09	4,609.54	4,477.20	14.53	16.88	-89.50	305.47	-1,149.13	844.89	814.99	29.90	28.256		
4,800.00	4,707.87	4,708.21	4,572.48	14.90	17.34	-89.54	314.48	-1,173.11	861.16	830.49	30.67	28.080		
4,900.00	4,805.65	4,806.88	4,667.76	15.28	17.80	-89.58	323.50	-1,197.09	877.42	845.98	31.44	27.907		
5,000.00	4,903.42	4,905.54	4,763.04	15.65	18.26	-89.62	332.51	-1,221.07	893.69	861.47	32.22	27.739		
5,100.00	5,001.20	5,004.21	4,858.33	16.03	18.72	-89.65	341.53	-1,245.06	909.96	876.96	33.00	27.575		
5,200.00	5,098.98	5,102.88	4,953.61	16.41	19.18	-89.69	350.54	-1,269.04	926.23	892.44	33.78	27.415		
5,300.00	5,196.76	5,201.54	5,048.89	16.79	19.65	-89.72	359.55	-1,293.02	942.50	907.92	34.57	27.260		
5,400.00	5,294.54	5,300.21	5,144.17	17.18	20.12	-89.75	368.57	-1,317.00	958.76	923.40	35.37	27.109		
5,500.00	5,392.32	5,401.12	5,239.46	17.56	20.60	-89.78	377.58	-1,340.98	975.03	938.86	36.17	26.955		
5,600.00	5,490.09	5,497.54	5,334.74	17.95	21.06	-89.81	386.60	-1,364.96	991.30	954.34	36.96	26.819		
5,700.00	5,587.87	5,603.79	5,430.02	18.34	21.56	-89.84	395.61	-1,388.95	1,007.57	969.77	37.80	26.658		
5,800.00	5,685.65	5,694.88	5,525.30	18.73	22.00	-89.87	404.63	-1,412.93	1,023.84	985.27	38.57	26.545		
5,900.00	5,783.43	5,806.46	5,620.58	19.12	22.54	-89.90	413.64	-1,436.91	1,040.11	1,000.68	39.43	26.378		
6,000.00	5,881.21	5,907.79	5,715.87	19.51	23.03	-89.92	422.65	-1,460.89	1,056.38	1,016.13	40.25	26.244		
6,100.00	5,978.99	6,009.13	5,811.15	19.90	23.52	-89.95	431.67	-1,484.87	1,072.65	1,031.57	41.08	26.113		
6,200.00	6,076.76	6,107.03	5,906.43	20.30	24.02	-89.98	440.69	-1,508.85	1,088.92	1,047.00	41.91	25.982		
6,300.00	6,174.54	6,196.32	6,001.71	20.69	24.52	-89.99	449.71	-1,532.83	1,105.17	1,062.43	42.74	25.851		
6,400.00	6,272.32	6,298.10	6,097.00	21.09	25.02	-89.99	458.73	-1,556.81	1,121.42	1,077.86	43.57	25.720		
6,500.00	6,370.10	6,391.88	6,192.28	21.49	25.52	-89.99	467.75	-1,580.79	1,137.67	1,093.29	44.40	25.589		
6,600.00	6,467.87	6,489.66	6,287.57	21.89	26.02	-89.99	476.77	-1,604.77	1,153.92	1,108.72	45.23	25.458		
6,700.00	6,565.65	6,587.44	6,382.85	22.29	26.52	-89.99	485.79	-1,628.75	1,170.17	1,124.15	46.06	25.327		
6,800.00	6,663.43	6,681.22	6,478.14	22.69	27.02	-89.99	494.81	-1,652.73	1,186.42	1,139.58	46.89	25.196		
6,900.00	6,761.21	6,775.00	6,573.42	23.09	27.52	-89.99	503.83	-1,676.71	1,202.67	1,155.01	47.72	25.065		
7,000.00	6,858.99	6,872.78	6,668.71	23.49	28.02	-89.99	512.85	-1,700.69	1,218.92	1,170.44	48.55	24.934		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
7,100.00	6,868.78	7,574.53	6,977.14	25.42	31.86	-101.09	529.95	-924.22	642.86	588.25	54.61	11.772	
7,115.66	6,877.31	7,561.66	6,976.86	25.60	31.66	-100.24	530.10	-937.09	642.80	588.14	54.66	11.759	
7,200.00	6,917.68	7,489.10	6,974.33	26.62	30.56	-95.95	530.89	-1,009.59	644.00	589.20	54.80	11.753 SF	
7,300.00	6,952.66	7,405.30	6,962.54	28.05	29.42	-91.39	530.99	-1,092.50	647.59	592.60	54.99	11.777	
7,400.00	6,972.84	7,325.84	6,941.45	29.69	28.48	-87.38	530.15	-1,169.05	652.89	597.69	55.19	11.829	
7,500.00	6,977.95	7,250.00	6,912.61	31.48	27.72	-84.02	528.51	-1,239.12	659.27	603.87	55.40	11.901	
7,600.00	6,977.70	7,180.25	6,878.94	33.43	27.17	-81.16	526.30	-1,300.13	669.35	613.83	55.52	12.055	
7,700.00	6,977.44	7,118.98	6,844.03	35.52	26.78	-78.26	523.83	-1,350.39	685.79	630.40	55.39	12.380	
7,800.00	6,977.19	7,065.55	6,809.79	37.74	26.51	-75.49	521.29	-1,391.31	709.56	654.58	54.98	12.906	
7,900.00	6,976.94	7,019.18	6,777.39	40.06	26.33	-72.95	518.80	-1,424.38	741.12	686.81	54.31	13.647	
8,000.00	6,976.68	6,978.94	6,747.41	42.47	26.20	-70.67	516.45	-1,451.10	780.42	726.97	53.45	14.600	
8,100.00	6,976.43	6,950.00	6,724.83	44.95	26.12	-69.01	514.65	-1,469.11	827.10	774.61	52.49	15.759	
8,200.00	6,976.17	6,913.48	6,695.22	47.49	26.04	-66.90	512.25	-1,490.34	880.38	828.84	51.54	17.082	
8,300.00	6,975.92	6,886.76	6,672.81	50.07	25.99	-65.35	510.41	-1,504.78	939.63	889.01	50.62	18.564	
8,400.00	6,975.66	6,863.24	6,652.60	52.70	25.96	-64.00	508.74	-1,516.70	1,004.04	954.27	49.77	20.172	
8,500.00	6,975.41	6,850.00	6,641.04	55.36	25.94	-63.24	507.78	-1,523.07	1,072.96	1,023.94	49.02	21.886	
8,600.00	6,975.15	6,823.92	6,617.89	58.06	25.91	-61.76	505.84	-1,534.92	1,145.55	1,097.18	48.37	23.683	



Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
6,500.00	6,370.10	7,953.81	7,058.16	21.49	37.45	-158.73	848.87	-649.15	721.03	685.64	35.39	20.377		
6,600.00	6,467.61	7,943.32	7,057.93	21.89	37.24	-148.93	848.84	-659.64	635.50	598.09	37.41	16.989		
6,700.00	6,562.43	7,919.27	7,057.40	22.34	36.77	-140.33	848.78	-683.69	556.49	516.59	39.90	13.946		
6,800.00	6,652.07	7,880.34	7,056.54	22.91	36.04	-135.56	848.67	-722.61	487.48	444.60	42.88	11.368		
6,900.00	6,734.32	7,827.50	7,055.39	23.59	35.08	-130.73	848.52	-775.44	431.45	385.28	46.16	9.346		
7,000.00	6,807.15	7,762.04	7,053.95	24.42	33.96	-124.94	848.34	-840.87	390.28	340.92	49.36	7.906		
7,100.00	6,868.78	7,685.59	7,052.27	25.42	32.75	-118.30	848.12	-917.31	363.85	311.85	52.00	6.997		
7,200.00	6,917.68	7,595.83	7,049.51	26.62	31.49	-111.12	847.76	-1,007.02	349.50	295.54	53.96	6.477		
7,300.00	6,952.66	7,499.73	7,035.50	28.05	30.31	-103.36	845.84	-1,101.98	342.23	286.74	55.49	6.168		
7,367.75	6,967.99	7,438.63	7,019.29	29.15	29.67	-98.28	843.61	-1,160.82	340.83	284.73	56.10	6.075		
7,400.00	6,972.84	7,410.51	7,009.96	29.69	29.40	-95.93	842.33	-1,187.32	341.13	284.92	56.22	6.068 SF		
7,500.00	6,977.95	7,326.69	6,975.43	31.48	28.73	-89.07	837.57	-1,263.48	345.74	289.66	56.09	6.164		
7,600.00	6,977.70	7,251.59	6,936.31	33.43	28.27	-82.74	832.16	-1,327.30	357.99	303.02	54.97	6.512		
7,700.00	6,977.44	7,187.08	6,896.95	35.52	27.97	-76.72	826.73	-1,378.10	381.21	328.38	52.84	7.215		
7,800.00	6,977.19	7,132.13	6,859.56	37.74	27.78	-71.40	821.56	-1,418.01	416.45	366.33	50.12	8.309		
7,900.00	6,976.94	7,085.42	6,825.20	40.06	27.65	-66.91	816.81	-1,449.27	463.07	415.66	47.41	9.767		
8,000.00	6,976.68	7,050.00	6,797.68	42.47	27.57	-63.58	813.00	-1,471.23	519.51	474.40	45.10	11.518		
8,100.00	6,976.43	7,011.58	6,766.51	44.95	27.51	-60.11	808.69	-1,493.26	583.86	540.48	43.38	13.460		
8,200.00	6,976.17	6,982.27	6,741.88	47.49	27.47	-57.57	805.28	-1,508.77	654.54	612.39	42.15	15.529		
8,300.00	6,975.92	6,950.00	6,713.97	50.07	27.42	-54.91	801.42	-1,524.51	730.24	688.94	41.30	17.681		
8,400.00	6,975.66	6,934.73	6,700.50	52.70	27.41	-53.71	799.56	-1,531.45	809.70	768.89	40.81	19.842		
8,500.00	6,975.41	6,915.29	6,683.12	55.36	27.39	-52.22	797.15	-1,539.81	892.31	851.81	40.50	22.034		
8,600.00	6,975.15	6,900.00	6,669.27	58.06	27.38	-51.09	795.24	-1,546.01	977.39	937.05	40.34	24.230		
8,700.00	6,974.90	6,882.86	6,653.58	60.78	27.36	-49.86	793.07	-1,552.56	1,064.45	1,024.20	40.26	26.442		
8,800.00	6,974.64	6,869.23	6,640.98	63.52	27.35	-48.91	791.32	-1,557.46	1,153.16	1,112.91	40.25	28.650		

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				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	-95.89	-18.58	-180.15	181.10				
100.00	100.00	103.00	103.00	3.28	3.28	-95.89	-18.58	-180.15	181.10	173.58	7.53	24.059	
200.00	200.00	203.00	203.00	3.30	3.30	-95.89	-18.58	-180.15	181.10	173.53	7.57	23.925	
264.98	264.98	267.12	267.12	3.33	3.33	-65.38	-18.55	-180.19	180.99	173.37	7.62	23.751	CC, ES
300.00	300.00	300.47	300.47	3.35	3.35	-65.32	-18.34	-180.53	181.29	173.64	7.65	23.686	
400.00	399.93	395.69	395.63	3.41	3.41	-65.62	-16.63	-183.30	182.54	174.77	7.77	23.483	
500.00	499.68	490.85	490.57	3.50	3.49	-66.22	-13.25	-188.75	184.99	177.06	7.93	23.326	
600.00	599.13	585.93	585.16	3.62	3.60	-67.11	-8.21	-196.87	188.65	180.53	8.13	23.207	
700.00	698.15	680.89	679.27	3.76	3.73	-68.23	-1.53	-207.64	193.59	185.21	8.38	23.115	
800.00	796.63	775.70	772.76	3.93	3.89	-69.56	6.77	-221.03	199.84	191.16	8.68	23.032	
900.00	894.51	870.35	865.51	4.14	4.09	-71.02	16.68	-237.01	207.57	198.52	9.04	22.952	
1,000.00	992.29	964.80	957.40	4.39	4.33	-71.98	28.17	-255.54	217.60	208.13	9.47	22.972	
1,100.00	1,090.07	1,059.08	1,048.36	4.66	4.62	-72.30	41.23	-276.60	229.97	220.02	9.95	23.108	
1,200.00	1,187.85	1,158.17	1,143.57	4.95	4.97	-72.35	55.71	-299.96	243.39	232.87	10.52	23.137	
1,300.00	1,285.63	1,257.27	1,238.78	5.26	5.35	-72.39	70.19	-323.31	256.81	245.69	11.13	23.080	
1,400.00	1,383.40	1,356.36	1,333.99	5.58	5.75	-72.43	84.67	-346.67	270.24	258.46	11.77	22.956	
1,500.00	1,481.18	1,455.45	1,429.20	5.92	6.17	-72.46	99.15	-370.02	283.66	271.22	12.43	22.813	
1,600.00	1,578.96	1,554.55	1,524.41	6.26	6.61	-72.49	113.63	-393.38	297.08	283.95	13.13	22.629	
1,700.00	1,676.74	1,653.64	1,619.61	6.62	7.06	-72.52	128.11	-416.73	310.50	296.66	13.84	22.434	
1,800.00	1,774.52	1,752.74	1,714.82	6.82	7.41	-72.55	142.59	-440.09	323.93	309.82	14.11	22.960	
1,900.00	1,872.30	1,851.83	1,810.03	6.87	7.57	-72.57	157.08	-463.44	337.35	323.23	14.12	23.894	
2,000.00	1,970.07	1,950.93	1,905.24	6.95	7.67	-72.59	171.56	-486.80	350.77	336.51	14.27	24.587	
2,100.00	2,067.85	2,050.02	2,000.45	7.06	7.81	-72.61	186.04	-510.16	364.20	349.73	14.47	25.177	
2,200.00	2,165.63	2,149.12	2,095.66	7.19	7.97	-72.63	200.52	-533.51	377.62	362.91	14.71	25.665	
2,300.00	2,263.41	2,248.21	2,190.86	7.33	8.17	-72.65	215.00	-556.87	391.04	376.03	15.01	26.055	
2,400.00	2,361.19	2,347.31	2,286.07	7.50	8.40	-72.67	229.48	-580.22	404.47	389.12	15.35	26.356	
2,500.00	2,458.97	2,446.40	2,381.28	7.69	8.65	-72.68	243.96	-603.58	417.89	402.16	15.73	26.574	
2,600.00	2,556.74	2,545.50	2,476.49	7.90	8.93	-72.70	258.44	-626.93	431.31	415.17	16.14	26.720	
2,700.00	2,654.52	2,644.59	2,571.70	8.12	9.23	-72.71	272.92	-650.29	444.74	428.14	16.59	26.801	
2,800.00	2,752.30	2,743.69	2,666.91	8.36	9.55	-72.72	287.41	-673.64	458.16	441.08	17.08	26.828	
2,900.00	2,850.08	2,842.78	2,762.11	8.61	9.88	-72.74	301.89	-697.00	471.58	453.99	17.59	26.809	
3,000.00	2,947.86	2,941.88	2,857.32	8.88	10.24	-72.75	316.37	-720.35	485.01	466.88	18.13	26.751	
3,100.00	3,045.64	3,040.97	2,952.53	9.15	10.61	-72.76	330.85	-743.71	498.43	479.74	18.69	26.662	
3,200.00	3,143.41	3,140.07	3,047.74	9.44	10.99	-72.77	345.33	-767.06	511.85	492.57	19.28	26.547	
3,300.00	3,241.19	3,239.16	3,142.95	9.74	11.38	-72.78	359.81	-790.42	525.28	505.39	19.89	26.413	
3,400.00	3,338.97	3,338.26	3,238.16	10.04	11.78	-72.79	374.29	-813.78	538.70	518.19	20.51	26.263	
3,500.00	3,436.75	3,437.35	3,333.36	10.35	12.20	-72.80	388.77	-837.13	552.12	530.97	21.15	26.101	
3,600.00	3,534.53	3,536.45	3,428.57	10.67	12.62	-72.81	403.26	-860.49	565.55	543.74	21.81	25.931	
3,700.00	3,632.31	3,635.54	3,523.78	11.00	13.05	-72.81	417.74	-883.84	578.97	556.49	22.48	25.755	
3,800.00	3,730.08	3,734.64	3,618.99	11.33	13.49	-72.82	432.22	-907.20	592.39	569.23	23.16	25.576	
3,900.00	3,827.86	3,833.73	3,714.20	11.67	13.93	-72.83	446.70	-930.55	605.82	581.96	23.86	25.394	
4,000.00	3,925.64	3,932.83	3,809.41	12.02	14.38	-72.84	461.18	-953.91	619.24	594.68	24.56	25.212	
4,100.00	4,023.42	4,031.92	3,904.61	12.36	14.83	-72.84	475.66	-977.26	632.66	607.39	25.28	25.031	
4,200.00	4,121.20	4,131.02	3,999.82	12.72	15.29	-72.85	490.14	-1,000.62	646.09	620.09	26.00	24.851	
4,300.00	4,218.98	4,230.11	4,095.03	13.07	15.75	-72.86	504.62	-1,023.97	659.51	632.78	26.73	24.674	
4,400.00	4,316.75	4,329.21	4,190.24	13.43	16.22	-72.86	519.10	-1,047.33	672.93	645.47	27.47	24.499	
4,500.00	4,414.53	4,428.30	4,285.45	13.80	16.69	-72.87	533.59	-1,070.68	686.36	658.15	28.21	24.328	
4,600.00	4,512.31	4,527.40	4,380.66	14.16	17.17	-72.87	548.07	-1,094.04	699.78	670.82	28.96	24.160	
4,700.00	4,610.09	4,626.49	4,475.86	14.53	17.64	-72.88	562.55	-1,117.39	713.21	683.48	29.72	23.996	
4,800.00	4,707.87	4,725.59	4,571.07	14.90	18.12	-72.88	577.03	-1,140.75	726.63	696.15	30.48	23.866	
4,900.00	4,805.65	4,824.68	4,666.28	15.28	18.61	-72.89	591.51	-1,164.11	740.05	708.80	31.25	23.681	
5,000.00	4,903.42	4,923.78	4,761.49	15.65	19.09	-72.89	605.99	-1,187.46	753.48	721.45	32.02	23.529	
5,100.00	5,001.20	5,022.87	4,856.70	16.03	19.58	-72.90	620.47	-1,210.82	766.90	734.10	32.80	23.381	
5,200.00	5,098.98	5,121.97	4,951.91	16.41	20.07	-72.90	634.95	-1,234.17	780.32	746.74	33.58	23.238	
5,300.00	5,196.76	5,221.06	5,047.11	16.79	20.56	-72.91	649.44	-1,257.53	793.75	759.38	34.36	23.098	
5,400.00	5,294.54	5,320.16	5,142.32	17.18	21.06	-72.91	663.92	-1,280.88	807.17	772.02	35.15	22.963	
5,500.00	5,392.32	5,419.25	5,237.53	17.56	21.55	-72.91	678.40	-1,304.24	820.59	784.65	35.94	22.831	
5,600.00	5,490.09	5,518.35	5,332.74	17.95	22.05	-72.92	692.88	-1,327.59	834.02	797.28	36.74	22.703	
5,700.00	5,587.87	5,617.44	5,427.95	18.34	22.55	-72.92	707.36	-1,350.95	847.44	809.91	37.53	22.579	
5,800.00	5,685.65	5,716.54	5,523.16	18.73	23.04	-72.93	721.84	-1,374.30	860.87	822.53	38.33	22.458	
5,900.00	5,783.43	5,815.63	5,618.36	19.12	23.55	-72.93	736.32	-1,397.66	874.29	835.16	39.13	22.341	
6,000.00	5,881.21	5,914.73	5,713.57	19.51	24.05	-72.93	750.80	-1,421.01	887.71	847.78	39.94	22.228	
6,100.00	5,978.99	6,013.82	5,808.78	19.90	24.55	-72.94	765.28	-1,444.37	901.14	860.39	40.74	22.117	
6,200.00	6,076.76	6,112.92	5,903.99	20.30	25.05	-72.94	779.77	-1,467.72	914.56	873.01	41.55	22.010	
6,300.00	6,174.54	6,212.01	5,999.20	20.69	25.56	-72.94	794.25	-1,491.08	927.98	885.62	42.36	21.906	
6,400.00	6,272.32	6,311.10	6,094.41	21.09	26.06	-72.94	808.73	-1,514.33	941.39	898.83	43.19	21.806	
6,500.00	6,370.10	6,410.20	6,189.62	21.49	26.56	-72.94	823.21	-1,537.58	954.80	912.04	44.04	21.710	
6,600.00	6,467.88	6,510.30	6,284.83	21.89	27.06	-72.94	837.69	-1,560.83	968.21	925.25	44.91	21.618	
6,700.00	6,565.66	6,610.40	6,380.04	22.29	27.56	-72.94	852.17	-1,584.08	981.62	938.46	45.80	21.530	
6,800.00	6,663.44	6,710.50	6,475.25	22.69	28.06	-72.94	866.65	-1,607.33	995.03	951.67	46.71	21.446	
6,900.00	6,761.22	6,810.60	6,570.46	23.09	28.56	-72.94	881.13	-1,630.58	1,008.44	964.88	47.64	21.366	
7,000.00	6,859.00	6,910.70	6,665.67	23.49	29.06	-72.94	895.61	-1,653.83	1,021.85	978.09	48.59	21.289	
7,100.00	6,956.78	7,010.80	6,760.88	23.89	29.56	-72.94	910.09	-1,677.08	1,035.26	991.30	49.56	21.215	
7,200.00	7,054.56	7,110.90	6,856.09	24.29	30.06	-72.94	924.57	-1,700.33	1,048.67	1,004.51	50.54	21.144	
7,300.00	7,152.34	7,211.00	6,951.30	24.69	30.56	-72.94	939.05	-1,723.58	1,062.08	1,017.72	51.54	21.075	
7,400.00	7,250.12	7,311.10	7,046.51	25.09	31.06	-72.94	953.53	-1,746.83	1,075.49	1,030.93	52.56	21.009	
7,500.00	7,347.90	7,411.20	7,141.72	25.49	31.56	-72.94	968.01	-1,770.08	1,088.90	1,044.14	53.59	20.946	
7,600.00	7,445.68	7,511.30	7,236.93	25.89	32.06	-72.94</							

Offset Design													Offset Site Error:	0.00 usft	
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1													Offset Well Error:		3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1															
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,500.00	6,370.10	8,073.34	7,165.19	21.49	37.89	-164.32	966.71	-652.27	799.43	767.32	32.10	24.903			
6,600.00	6,467.61	8,062.79	7,164.96	21.89	37.69	-158.16	966.72	-662.82	705.60	672.54	33.06	21.342			
6,700.00	6,562.43	8,038.67	7,164.43	22.34	37.23	-154.15	966.74	-686.94	615.73	581.47	34.26	17.974			
6,800.00	6,652.07	8,000.32	7,163.57	22.91	36.51	-152.04	966.78	-725.91	532.69	496.90	35.79	14.884			
6,900.00	6,734.32	7,946.78	7,162.41	23.59	35.57	-149.47	966.84	-778.80	459.10	421.34	37.76	12.159			
7,000.00	6,807.15	7,881.28	7,160.97	24.42	34.48	-145.99	966.90	-844.28	397.23	357.04	40.20	9.882			
7,100.00	6,868.78	7,804.79	7,159.29	25.42	33.31	-141.67	966.98	-920.75	348.62	305.63	42.99	8.109			
7,200.00	6,917.68	7,706.65	7,155.93	26.62	31.99	-135.87	966.90	-1,018.82	313.01	266.93	46.08	6.793			
7,300.00	6,952.66	7,587.83	7,135.23	28.05	30.66	-127.20	964.28	-1,135.62	282.60	232.20	50.40	5.607			
7,400.00	6,972.84	7,482.42	7,099.20	29.69	29.75	-117.78	959.27	-1,234.42	257.86	203.01	54.85	4.701			
7,500.00	6,977.95	7,387.12	7,053.15	31.48	29.14	-107.49	952.67	-1,317.49	241.87	183.84	58.03	4.168			
7,581.27	6,977.75	7,319.50	7,013.28	33.06	28.84	-97.89	946.89	-1,371.77	236.95	178.13	58.83	4.028 SF			
7,600.00	6,977.70	7,305.38	7,004.26	33.43	28.78	-95.70	945.57	-1,382.54	237.26	178.60	58.67	4.044			
7,700.00	6,977.44	7,238.37	6,958.30	35.52	28.57	-84.74	938.84	-1,430.80	250.59	194.86	55.73	4.497			
7,800.00	6,977.19	7,183.58	6,917.16	37.74	28.44	-75.68	932.78	-1,466.46	284.49	233.82	50.68	5.614			
7,900.00	6,976.94	7,138.56	6,881.19	40.06	28.36	-68.61	927.47	-1,492.99	335.99	289.97	46.02	7.302			
8,000.00	6,976.68	7,100.00	6,848.97	42.47	28.31	-63.01	922.69	-1,513.62	400.25	357.43	42.82	9.348			
8,100.00	6,976.43	7,070.07	6,823.15	44.95	28.27	-59.02	918.85	-1,528.26	473.27	432.30	40.97	11.552			
8,200.00	6,976.17	7,050.00	6,805.47	47.49	28.25	-56.52	916.22	-1,537.38	552.39	512.32	40.07	13.785			
8,300.00	6,975.92	7,021.19	6,779.61	50.07	28.23	-53.19	912.37	-1,549.47	635.62	596.05	39.57	16.064			
8,400.00	6,975.66	7,000.00	6,760.26	52.70	28.21	-50.93	909.48	-1,557.61	722.00	682.58	39.42	18.318			
8,500.00	6,975.41	6,984.96	6,746.37	55.36	28.20	-49.41	907.41	-1,562.98	810.67	771.21	39.46	20.543			
8,600.00	6,975.15	6,970.20	6,732.62	58.06	28.19	-48.00	905.35	-1,567.93	901.10	861.52	39.58	22.766			
8,700.00	6,974.90	6,950.00	6,713.62	60.78	28.17	-46.18	902.51	-1,574.19	992.98	953.30	39.68	25.022			
8,800.00	6,974.64	6,950.00	6,713.62	63.52	28.17	-46.18	902.51	-1,574.19	1,085.85	1,045.88	39.97	27.166			
8,900.00	6,974.39	6,935.30	6,699.68	66.28	28.16	-44.93	900.42	-1,578.35	1,179.62	1,139.49	40.13	29.395			

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.54	1.45	-180.15	180.15					
100.00	100.00	103.00	103.00	3.28	3.28	-89.54	1.45	-180.15	180.15	172.63	7.53	23.933		
200.00	200.00	203.00	203.00	3.30	3.30	-89.54	1.45	-180.15	180.15	172.58	7.57	23.800		
270.55	270.55	272.42	272.42	3.33	3.33	-59.04	1.51	-180.22	180.00	172.38	7.63	23.606		
300.00	300.00	300.45	300.45	3.35	3.35	-58.96	1.72	-180.50	180.30	172.65	7.65	23.557		
400.00	399.93	395.64	395.57	3.41	3.41	-59.23	3.69	-183.10	181.25	173.48	7.77	23.316		
500.00	499.68	490.79	490.50	3.50	3.49	-59.78	7.55	-188.21	183.08	175.15	7.93	23.085		
600.00	599.13	585.88	585.11	3.62	3.60	-60.59	13.32	-195.84	185.82	177.69	8.13	22.862		
700.00	698.15	680.91	679.29	3.76	3.73	-61.63	20.97	-205.95	189.49	181.12	8.37	22.638		
800.00	796.63	775.85	772.90	3.93	3.89	-62.88	30.48	-218.53	194.16	185.49	8.67	22.400		
900.00	894.51	870.68	865.83	4.14	4.09	-64.26	41.85	-233.57	200.02	190.99	9.03	22.155		
1,000.00	992.29	965.36	957.95	4.39	4.33	-65.13	55.05	-251.02	208.16	198.72	9.45	22.032		
1,100.00	1,090.07	1,059.71	1,048.98	4.66	4.62	-65.37	70.02	-270.81	218.73	208.81	9.92	22.050		
1,200.00	1,187.85	1,154.76	1,139.82	4.95	4.96	-65.06	86.87	-293.09	231.59	221.15	10.44	22.177		
1,300.00	1,285.63	1,253.82	1,234.22	5.26	5.36	-64.62	104.99	-317.04	245.18	234.13	11.04	22.199		
1,400.00	1,383.40	1,352.87	1,328.61	5.58	5.79	-64.22	123.11	-341.00	258.77	247.09	11.68	22.154		
1,500.00	1,481.18	1,451.93	1,423.00	5.92	6.24	-63.86	141.22	-364.95	272.38	260.05	12.33	22.083		
1,600.00	1,578.96	1,550.99	1,517.39	6.26	6.71	-63.53	159.34	-388.91	286.00	272.98	13.02	21.960		
1,700.00	1,676.74	1,650.04	1,611.79	6.62	7.19	-63.24	177.46	-412.86	299.63	285.90	13.73	21.826		
1,800.00	1,774.52	1,749.10	1,706.18	6.82	7.58	-62.97	195.57	-436.82	313.26	299.27	13.99	22.389		
1,900.00	1,872.30	1,848.15	1,800.57	6.87	7.77	-62.72	213.69	-460.77	326.90	312.91	14.00	23.356		
2,000.00	1,970.07	1,947.21	1,894.97	6.95	7.88	-62.49	231.81	-484.73	340.55	326.42	14.13	24.101		
2,100.00	2,067.85	2,046.26	1,989.36	7.06	8.03	-62.28	249.92	-508.68	354.20	339.89	14.32	24.743		
2,200.00	2,165.63	2,145.32	2,083.75	7.19	8.21	-62.09	268.04	-532.63	367.86	353.31	14.55	25.282		
2,300.00	2,263.41	2,244.38	2,178.14	7.33	8.43	-61.91	286.16	-556.59	381.51	366.68	14.83	25.723		
2,400.00	2,361.19	2,343.43	2,272.54	7.50	8.69	-61.74	304.27	-580.54	395.18	380.02	15.16	26.072		
2,500.00	2,458.97	2,442.49	2,366.93	7.69	8.97	-61.58	322.39	-604.50	408.84	393.32	15.52	26.337		
2,600.00	2,556.74	2,541.54	2,461.32	7.90	9.28	-61.44	340.51	-628.45	422.51	406.58	15.93	26.527		
2,700.00	2,654.52	2,640.60	2,555.72	8.12	9.61	-61.30	358.63	-652.41	436.18	419.81	16.37	26.651		
2,800.00	2,752.30	2,739.66	2,650.11	8.36	9.96	-61.17	376.74	-676.36	449.85	433.02	16.84	26.718		
2,900.00	2,850.08	2,838.71	2,744.50	8.61	10.33	-61.05	394.86	-700.32	463.53	446.19	17.34	26.737		
3,000.00	2,947.86	2,937.77	2,838.90	8.88	10.72	-60.93	412.98	-724.27	477.21	459.34	17.86	26.716		
3,100.00	3,045.64	3,036.82	2,933.29	9.15	11.13	-60.83	431.09	-748.22	490.89	472.47	18.41	26.661		
3,200.00	3,143.41	3,135.88	3,027.68	9.44	11.55	-60.72	449.21	-772.18	504.57	485.58	18.98	26.579		
3,300.00	3,241.19	3,234.94	3,122.07	9.74	11.98	-60.63	467.33	-796.13	518.25	498.67	19.57	26.475		
3,400.00	3,338.97	3,333.99	3,216.47	10.04	12.42	-60.54	485.44	-820.09	531.93	511.75	20.18	26.354		
3,500.00	3,436.75	3,433.05	3,310.86	10.35	12.87	-60.45	503.56	-844.04	545.62	524.81	20.81	26.219		
3,600.00	3,534.53	3,532.10	3,405.25	10.67	13.33	-60.36	521.68	-868.00	559.30	537.85	21.45	26.075		
3,700.00	3,632.31	3,631.16	3,499.65	11.00	13.80	-60.29	539.79	-891.95	572.99	550.89	22.10	25.923		
3,800.00	3,730.08	3,730.21	3,594.04	11.33	14.28	-60.21	557.91	-915.91	586.68	563.91	22.77	25.766		
3,900.00	3,827.86	3,829.27	3,688.43	11.67	14.76	-60.14	576.03	-939.86	600.37	576.92	23.45	25.606		
4,000.00	3,925.64	3,928.33	3,782.83	12.02	15.25	-60.07	594.14	-963.81	614.06	589.92	24.13	25.444		
4,100.00	4,023.42	4,027.38	3,877.22	12.36	15.74	-60.00	612.26	-987.77	627.75	602.92	24.83	25.282		
4,200.00	4,121.20	4,126.44	3,971.61	12.72	16.24	-59.94	630.38	-1,011.72	641.44	615.90	25.53	25.120		
4,300.00	4,218.98	4,225.49	4,066.00	13.07	16.75	-59.88	648.50	-1,035.68	655.13	628.88	26.25	24.960		
4,400.00	4,316.75	4,324.55	4,160.40	13.43	17.25	-59.82	666.61	-1,059.63	668.82	641.86	26.97	24.802		
4,500.00	4,414.53	4,423.61	4,254.79	13.80	17.77	-59.77	684.73	-1,083.59	682.52	654.82	27.69	24.646		
4,600.00	4,512.31	4,522.66	4,349.18	14.16	18.28	-59.71	702.85	-1,107.54	696.21	667.78	28.43	24.493		
4,700.00	4,610.09	4,621.72	4,443.58	14.53	18.80	-59.66	720.96	-1,131.50	709.90	680.74	29.16	24.343		
4,800.00	4,707.87	4,720.77	4,537.97	14.90	19.32	-59.61	739.08	-1,155.45	723.60	693.69	29.91	24.196		
4,900.00	4,805.65	4,819.83	4,632.36	15.28	19.84	-59.57	757.20	-1,179.40	737.30	706.64	30.65	24.053		
5,000.00	4,903.42	4,918.89	4,726.76	15.65	20.37	-59.52	775.31	-1,203.36	750.99	719.59	31.41	23.913		
5,100.00	5,001.20	5,017.94	4,821.15	16.03	20.90	-59.48	793.43	-1,227.31	764.69	732.53	32.16	23.776		
5,200.00	5,098.98	5,117.00	4,915.54	16.41	21.43	-59.43	811.55	-1,251.27	778.38	745.46	32.92	23.644		
5,300.00	5,196.76	5,216.05	5,009.93	16.79	21.96	-59.39	829.66	-1,275.22	792.08	758.40	33.69	23.514		
5,400.00	5,294.54	5,315.11	5,104.33	17.18	22.49	-59.35	847.78	-1,299.18	805.78	771.33	34.45	23.389		
5,500.00	5,392.32	5,414.16	5,198.72	17.56	23.03	-59.32	865.90	-1,323.13	819.48	784.26	35.22	23.266		
5,600.00	5,490.09	5,513.22	5,293.11	17.95	23.56	-59.28	884.01	-1,347.08	833.18	797.18	35.99	23.147		
5,700.00	5,587.87	5,612.28	5,387.51	18.34	24.10	-59.24	902.13	-1,371.04	846.88	810.11	36.77	23.032		
5,800.00	5,685.65	5,711.33	5,481.90	18.73	24.64	-59.21	920.25	-1,394.99	860.57	823.03	37.55	22.920		
5,900.00	5,783.43	5,810.39	5,576.29	19.12	25.18	-59.17	938.36	-1,418.95	874.27	835.95	38.33	22.810		
6,000.00	5,881.21	5,909.44	5,670.69	19.51	25.73	-59.14	956.48	-1,442.90	887.97	848.86	39.11	22.704		
6,100.00	5,978.99	6,008.50	5,765.08	19.90	26.27	-59.11	974.60	-1,466.86	901.67	861.78	39.89	22.601		
6,200.00	6,076.76	6,107.56	5,859.47	20.30	26.81	-59.08	992.72	-1,490.81	915.37	874.69	40.68	22.501		
6,300.00	6,174.54	6,206.35	5,953.86	20.69	27.35	-59.05	1,010.84	-1,514.76	929.06	887.60	41.47	22.404		
6,400.00	6,272.32	6,305.14	6,048.25	21.09	27.89	-59.02	1,028.96	-1,538.71	942.75	900.51	42.26	22.311		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
6,500.00	6,370.10	7,943.79	6,992.97	21.49	38.53	104.72	1,202.92	-647.63	633.41	602.94	30.47	20.787		
6,600.00	6,467.61	7,933.15	6,992.74	21.89	38.33	125.43	1,202.95	-658.27	534.05	503.35	30.69	17.401		
6,700.00	6,562.43	7,908.94	6,992.23	22.34	37.86	144.96	1,203.01	-682.48	437.18	406.36	30.82	14.183		
6,800.00	6,652.07	7,869.86	6,991.39	22.91	37.18	153.31	1,203.10	-721.54	345.33	314.43	30.90	11.175		
6,900.00	6,734.32	7,816.89	6,990.27	23.59	36.28	157.17	1,203.23	-774.51	260.79	229.85	30.95	8.427		
7,000.00	6,807.15	7,751.32	6,988.87	24.42	35.24	158.39	1,203.39	-840.06	185.71	154.62	31.08	5.974		
7,100.00	6,868.78	7,674.77	6,987.24	25.42	34.14	157.07	1,203.58	-916.59	122.07	90.47	31.60	3.863		
7,200.00	6,917.68	7,585.79	6,984.61	26.62	33.01	150.91	1,203.66	-1,005.53	71.23	38.31	32.92	2.164		
7,300.00	6,952.66	7,491.74	6,971.38	28.05	32.00	120.67	1,201.74	-1,098.53	28.35	-16.02	44.36	0.639 Level 1		
7,341.28	6,962.82	7,454.87	6,962.53	28.72	31.65	80.49	1,200.29	-1,134.29	20.37	-36.34	56.71	0.359 Level 1, CC, ES, SF		
7,400.00	6,972.84	7,404.07	6,947.04	29.69	31.23	30.44	1,197.66	-1,182.59	34.26	-9.12	43.38	0.790 Level 1		
7,500.00	6,977.95	7,321.39	6,913.92	31.48	30.67	8.09	1,191.85	-1,258.05	75.71	40.60	35.11	2.156		
7,600.00	6,977.70	7,246.98	6,876.12	33.43	30.29	1.73	1,185.07	-1,321.74	125.97	91.58	34.38	3.664		
7,700.00	6,977.44	7,182.75	6,837.81	35.52	30.04	-1.40	1,178.11	-1,372.79	185.82	150.75	35.07	5.299		
7,800.00	6,977.19	7,127.80	6,801.17	37.74	29.88	-3.17	1,171.40	-1,413.17	253.09	216.98	36.11	7.009		
7,900.00	6,976.94	7,080.91	6,767.31	40.06	29.77	-4.29	1,165.16	-1,444.98	326.14	288.96	37.18	8.771		
8,000.00	6,976.68	7,040.84	6,736.61	42.47	29.70	-5.04	1,159.48	-1,470.09	403.73	365.56	38.17	10.576		
8,100.00	6,976.43	7,000.00	6,703.79	44.95	29.64	-5.67	1,153.39	-1,493.61	484.97	446.18	38.79	12.502		
8,200.00	6,976.17	6,976.81	6,684.52	47.49	29.61	-5.97	1,149.81	-1,506.00	568.91	529.11	39.80	14.294		
8,300.00	6,975.92	6,950.00	6,661.71	50.07	29.58	-6.29	1,145.55	-1,519.42	655.21	614.78	40.43	16.208		
8,400.00	6,975.66	6,928.59	6,643.10	52.70	29.56	-6.52	1,142.08	-1,529.43	743.36	702.35	41.02	18.123		
8,500.00	6,975.41	6,900.00	6,617.77	55.36	29.54	-6.80	1,137.34	-1,541.79	833.15	791.83	41.32	20.162		
8,600.00	6,975.15	6,900.00	6,617.77	58.06	29.54	-6.80	1,137.34	-1,541.79	924.07	881.97	42.10	21.950		
8,700.00	6,974.90	6,875.83	6,595.94	60.78	29.52	-7.01	1,133.25	-1,551.33	1,015.96	973.65	42.31	24.011		
8,800.00	6,974.64	6,850.00	6,572.24	63.52	29.50	-7.21	1,128.80	-1,560.58	1,109.00	1,066.54	42.47	26.116		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.20	-20.04	-0.28	20.04	12.52	7.53	2.663		
100.00	100.00	100.00	100.00	3.28	3.28	-179.20	-20.04	-0.28	20.04	12.47	7.57	2.648		
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-20.04	-0.28	20.04	12.47	7.57	2.648	CC	
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-20.04	-0.28	20.04	12.47	7.57	2.648	CC	
300.00	300.00	300.28	300.28	3.35	3.35	-148.52	-19.68	-0.53	20.06	12.41	7.65	2.621		
400.00	399.93	400.85	400.78	3.41	3.41	-147.81	-16.80	-2.57	20.20	12.42	7.78	2.597		
500.00	499.68	501.42	501.09	3.50	3.50	-146.43	-11.04	-6.64	20.50	12.55	7.95	2.580		
600.00	599.13	601.98	601.09	3.62	3.62	-144.43	-2.40	-12.74	20.96	12.80	8.16	2.570		
700.00	698.15	702.53	700.65	3.76	3.76	-141.91	9.09	-20.86	21.61	13.20	8.42	2.568		
800.00	796.63	802.92	799.52	3.93	3.94	-139.23	23.29	-30.90	22.58	13.84	8.74	2.582		
900.00	894.51	902.88	897.81	4.14	4.14	-140.12	38.17	-41.41	25.31	16.18	9.13	2.771		
1,000.00	992.29	1,002.83	996.08	4.39	4.38	-141.52	53.04	-51.93	28.45	18.89	9.56	2.977		
1,100.00	1,090.07	1,102.78	1,094.36	4.66	4.63	-142.64	67.92	-62.44	31.61	21.59	10.02	3.155		
1,200.00	1,187.85	1,202.73	1,192.63	4.95	4.90	-143.55	82.79	-72.95	34.78	24.27	10.51	3.310		
1,300.00	1,285.63	1,302.68	1,290.91	5.26	5.19	-144.32	97.66	-83.46	37.95	26.93	11.02	3.443		
1,400.00	1,383.40	1,402.62	1,389.18	5.58	5.48	-144.96	112.54	-93.98	41.13	29.57	11.56	3.558		
1,500.00	1,481.18	1,502.57	1,487.46	5.92	5.79	-145.51	127.41	-104.49	44.31	32.20	12.11	3.658		
1,600.00	1,578.96	1,602.52	1,585.73	6.26	6.11	-145.99	142.29	-115.00	47.50	34.82	12.68	3.745		
1,700.00	1,676.74	1,702.47	1,684.00	6.62	6.43	-146.41	157.16	-125.51	50.69	37.43	13.26	3.822		
1,800.00	1,774.52	1,802.42	1,782.28	6.82	6.61	-146.78	172.04	-136.02	53.89	40.70	13.19	4.086		
1,900.00	1,872.30	1,902.37	1,880.55	6.87	6.66	-147.10	186.91	-146.54	57.08	43.84	13.24	4.311		
2,000.00	1,970.07	2,002.31	1,978.83	6.95	6.73	-147.40	201.79	-157.05	60.28	46.95	13.33	4.521		
2,100.00	2,067.85	2,102.26	2,077.10	7.06	6.82	-147.66	216.66	-167.56	63.48	50.01	13.46	4.715		
2,200.00	2,165.63	2,202.21	2,175.38	7.19	6.93	-147.90	231.53	-178.07	66.68	53.05	13.63	4.892		
2,300.00	2,263.41	2,302.16	2,273.65	7.33	7.06	-148.11	246.41	-188.59	69.88	56.04	13.83	5.052		
2,400.00	2,361.19	2,402.11	2,371.93	7.50	7.21	-148.31	261.28	-199.10	73.08	59.01	14.07	5.194		
2,500.00	2,458.97	2,502.06	2,470.20	7.69	7.38	-148.49	276.16	-209.61	76.28	61.94	14.34	5.320		
2,600.00	2,556.74	2,602.00	2,568.48	7.90	7.56	-148.66	291.03	-220.12	79.48	64.85	14.64	5.430		
2,700.00	2,654.52	2,701.95	2,666.75	8.12	7.76	-148.81	305.91	-230.63	82.69	67.72	14.96	5.525		
2,800.00	2,752.30	2,801.90	2,765.03	8.36	7.97	-148.95	320.78	-241.15	85.89	70.57	15.32	5.607		
2,900.00	2,850.08	2,901.85	2,863.30	8.61	8.20	-149.08	335.65	-251.66	89.10	73.40	15.70	5.676		
3,000.00	2,947.86	3,001.80	2,961.58	8.88	8.43	-149.21	350.53	-262.17	92.30	76.20	16.10	5.734		
3,100.00	3,045.64	3,101.75	3,059.85	9.15	8.68	-149.32	365.40	-272.68	95.51	78.99	16.52	5.782		
3,200.00	3,143.41	3,201.70	3,158.13	9.44	8.94	-149.43	380.28	-283.20	98.71	81.75	16.96	5.821		
3,300.00	3,241.19	3,301.64	3,256.40	9.74	9.20	-149.53	395.15	-293.71	101.92	84.50	17.42	5.852		
3,400.00	3,338.97	3,401.59	3,354.68	10.04	9.48	-149.62	410.03	-304.22	105.12	87.23	17.89	5.876		
3,500.00	3,436.75	3,501.54	3,452.95	10.35	9.76	-149.71	424.90	-314.73	108.33	89.95	18.38	5.894		
3,600.00	3,534.53	3,601.49	3,551.23	10.67	10.05	-149.79	439.78	-325.24	111.54	92.66	18.88	5.907		
3,700.00	3,632.31	3,701.44	3,649.50	11.00	10.35	-149.87	454.65	-335.76	114.74	95.35	19.40	5.916		
3,800.00	3,730.08	3,801.39	3,747.78	11.33	10.65	-149.95	469.52	-346.27	117.95	98.03	19.92	5.920		
3,900.00	3,827.86	3,901.33	3,846.05	11.67	10.96	-150.02	484.40	-356.78	121.16	100.70	20.46	5.921		
4,000.00	3,925.64	4,001.28	3,944.32	12.02	11.27	-150.08	499.27	-367.29	124.37	103.36	21.01	5.920		
4,100.00	4,023.42	4,101.23	4,042.60	12.36	11.59	-150.15	514.15	-377.81	127.58	106.01	21.56	5.916		
4,200.00	4,121.20	4,201.18	4,140.87	12.72	11.91	-150.21	529.02	-388.32	130.78	108.65	22.13	5.910		
4,300.00	4,218.98	4,301.13	4,239.15	13.07	12.23	-150.27	543.90	-398.83	133.99	111.29	22.70	5.902		
4,400.00	4,316.75	4,401.08	4,337.42	13.43	12.56	-150.32	558.77	-409.34	137.20	113.92	23.28	5.893		
4,500.00	4,414.53	4,501.03	4,435.70	13.80	12.89	-150.37	573.65	-419.85	140.41	116.54	23.87	5.883		
4,600.00	4,512.31	4,600.97	4,533.97	14.16	13.23	-150.42	588.52	-430.37	143.62	119.16	24.46	5.872		
4,700.00	4,610.09	4,700.92	4,632.25	14.53	13.56	-150.47	603.39	-440.88	146.82	121.77	25.05	5.860		
4,800.00	4,707.87	4,800.87	4,730.52	14.90	13.91	-150.52	618.27	-451.39	150.03	124.38	25.66	5.848		
4,900.00	4,805.65	4,900.82	4,828.80	15.28	14.25	-150.56	633.14	-461.90	153.24	126.98	26.26	5.834		
5,000.00	4,903.42	5,000.77	4,927.07	15.65	14.59	-150.60	648.02	-472.42	156.45	129.57	26.88	5.821		
5,100.00	5,001.20	5,100.72	5,025.35	16.03	14.94	-150.64	662.89	-482.93	159.66	132.17	27.49	5.807		
5,200.00	5,098.98	5,200.66	5,123.62	16.41	15.29	-150.68	677.77	-493.44	162.87	134.76	28.11	5.793		
5,300.00	5,196.76	5,300.61	5,221.90	16.79	15.64	-150.72	692.64	-503.95	166.08	137.34	28.74	5.779		
5,400.00	5,294.54	5,400.56	5,320.17	17.18	15.99	-150.75	707.52	-514.46	169.29	139.92	29.36	5.765		
5,500.00	5,392.32	5,500.51	5,418.45	17.56	16.35	-150.79	722.39	-524.98	172.50	142.50	29.99	5.751		
5,600.00	5,490.09	5,600.46	5,516.72	17.95	16.70	-150.82	737.26	-535.49	175.71	145.08	30.63	5.737		
5,700.00	5,587.87	5,700.41	5,615.00	18.34	17.06	-150.85	752.14	-546.00	178.92	147.65	31.26	5.723		
5,800.00	5,685.65	5,800.35	5,713.27	18.73	17.42	-150.88	767.01	-556.51	182.12	150.22	31.90	5.709		
5,900.00	5,783.43	5,900.30	5,811.55	19.12	17.78	-150.91	781.89	-567.03	185.33	152.79	32.54	5.695		
6,000.00	5,881.21	6,000.25	5,909.82	19.51	18.14	-150.94	796.76	-577.54	188.54	155.36	33.19	5.681		
6,100.00	5,978.99	6,100.20	6,008.10	19.90	18.50	-150.97	811.64	-588.05	191.75	157.92	33.83	5.668		
6,200.00	6,076.76	6,200.15	6,106.37	20.30	18.86	-151.00	826.51	-598.56	194.96	160.48	34.48	5.654		
6,300.00	6,174.54	6,300.10	6,204.65	20.69	19.22	-151.02	841.39	-609.07	198.17	163.04	35.13	5.641		
6,400.00	6,272.32	6,400.05	6,302.92	21.09	19.59	-151.05	856.26	-619.59	201.38	165.60	35.78	5.628		

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		
6,500.00	6,370.10	6,500.01	6,401.19	21.49	19.95	-151.07	871.13	-630.10	204.59	168.16	36.44	5.615		
6,600.00	6,467.61	6,600.06	6,499.55	21.89	20.32	-136.21	886.02	-640.96	207.83	170.80	37.03	5.612		
6,700.00	6,562.43	6,701.13	6,597.04	22.34	20.73	-120.98	900.71	-662.71	211.12	173.47	37.65	5.608		
6,800.00	6,652.07	6,802.98	6,690.61	22.91	21.26	-114.18	914.72	-700.13	214.32	175.79	38.53	5.563		
6,900.00	6,734.32	6,905.58	6,777.71	23.59	21.93	-110.75	927.65	-752.57	217.34	177.60	39.74	5.469		
7,000.00	6,807.15	7,008.88	6,855.86	24.42	22.75	-108.88	939.15	-818.95	220.08	178.71	41.38	5.319		
7,100.00	6,868.78	7,112.79	6,922.76	25.42	23.79	-107.82	948.87	-897.72	222.44	178.90	43.55	5.108		
7,200.00	6,917.68	7,217.23	6,976.35	26.62	25.06	-107.22	956.51	-986.90	224.35	178.01	46.33	4.842		
7,300.00	6,952.66	7,322.07	7,014.95	28.05	26.61	-106.88	961.82	-1,084.10	225.72	175.97	49.76	4.537		
7,400.00	6,972.84	7,427.17	7,037.31	29.69	28.41	-106.71	964.63	-1,186.64	226.52	172.79	53.73	4.216		
7,500.00	6,977.95	7,531.51	7,042.95	31.48	30.37	-106.66	964.90	-1,290.72	226.72	168.70	58.02	3.908		
7,600.00	6,977.70	7,631.51	7,042.67	33.43	32.40	-106.65	964.29	-1,390.72	226.70	164.47	62.23	3.643		
7,700.00	6,977.44	7,731.51	7,042.38	35.52	34.57	-106.65	963.67	-1,490.72	226.69	160.02	66.67	3.400		
7,800.00	6,977.19	7,831.51	7,042.10	37.74	36.86	-106.64	963.06	-1,590.72	226.68	155.39	71.28	3.180		
7,900.00	6,976.94	7,931.51	7,041.81	40.06	39.24	-106.63	962.45	-1,690.71	226.66	150.61	76.05	2.980		
8,000.00	6,976.68	8,031.51	7,041.53	42.47	41.70	-106.62	961.84	-1,790.71	226.65	145.71	80.94	2.800		
8,100.00	6,976.43	8,131.51	7,041.24	44.95	44.23	-106.62	961.22	-1,890.71	226.64	140.71	85.93	2.637		
8,200.00	6,976.17	8,231.51	7,040.96	47.49	46.80	-106.61	960.61	-1,990.71	226.62	135.62	91.01	2.490		
8,300.00	6,975.92	8,331.51	7,040.67	50.07	49.42	-106.60	960.00	-2,090.70	226.61	130.46	96.15	2.357		
8,400.00	6,975.66	8,431.51	7,040.39	52.70	52.08	-106.60	959.39	-2,190.70	226.60	125.24	101.36	2.236		
8,500.00	6,975.41	8,531.51	7,040.10	55.36	54.78	-106.59	958.77	-2,290.70	226.59	119.97	106.62	2.125		
8,600.00	6,975.15	8,631.51	7,039.82	58.06	57.50	-106.58	958.16	-2,390.70	226.57	114.65	111.92	2.024		
8,700.00	6,974.90	8,731.51	7,039.53	60.78	60.24	-106.58	957.55	-2,490.69	226.56	109.29	117.26	1.932		
8,800.00	6,974.64	8,831.51	7,039.24	63.52	63.00	-106.57	956.94	-2,590.69	226.55	103.91	122.64	1.847		
8,900.00	6,974.39	8,931.51	7,038.96	66.28	65.78	-106.56	956.32	-2,690.69	226.53	98.49	128.05	1.769		
9,000.00	6,974.13	9,031.51	7,038.67	69.06	68.58	-106.55	955.71	-2,790.69	226.52	93.04	133.48	1.697		
9,100.00	6,973.88	9,131.51	7,038.39	71.85	71.39	-106.55	955.10	-2,890.69	226.51	87.58	138.93	1.630		
9,200.00	6,973.63	9,231.51	7,038.10	74.66	74.21	-106.54	954.49	-2,990.68	226.49	82.09	144.40	1.568		
9,300.00	6,973.37	9,331.51	7,037.82	77.48	77.04	-106.53	953.87	-3,090.68	226.48	76.59	149.89	1.511		
9,400.00	6,973.12	9,431.51	7,037.53	80.31	79.89	-106.53	953.26	-3,190.68	226.47	71.07	155.40	1.457 Level 3		
9,500.00	6,972.86	9,531.51	7,037.25	83.15	82.74	-106.52	952.65	-3,290.68	226.45	65.53	160.92	1.407 Level 3		
9,600.00	6,972.61	9,631.51	7,036.96	86.00	85.60	-106.51	952.04	-3,390.67	226.44	59.98	166.46	1.360 Level 3		
9,700.00	6,972.35	9,731.51	7,036.68	88.85	88.46	-106.50	951.43	-3,490.67	226.43	54.42	172.01	1.316 Level 3		
9,800.00	6,972.10	9,831.51	7,036.39	91.72	91.33	-106.50	950.81	-3,590.67	226.42	48.85	177.56	1.275 Level 3		
9,900.00	6,971.84	9,931.51	7,036.11	94.59	94.21	-106.49	950.20	-3,690.67	226.40	43.27	183.13	1.236 Level 2		
10,000.00	6,971.59	10,031.51	7,035.82	97.46	97.09	-106.48	949.59	-3,790.66	226.39	37.68	188.71	1.200 Level 2		
10,100.00	6,971.33	10,131.51	7,035.54	100.34	99.98	-106.48	948.98	-3,890.66	226.38	32.08	194.29	1.165 Level 2		
10,200.00	6,971.08	10,231.51	7,035.25	103.22	102.87	-106.47	948.36	-3,990.66	226.36	26.48	199.88	1.132 Level 2		
10,300.00	6,970.83	10,331.51	7,034.97	106.11	105.77	-106.46	947.75	-4,090.66	226.35	20.87	205.48	1.102 Level 2		
10,400.00	6,970.57	10,431.51	7,034.68	109.01	108.67	-106.45	947.14	-4,190.66	226.34	15.25	211.09	1.072 Level 2		
10,500.00	6,970.32	10,531.51	7,034.40	111.90	111.57	-106.45	946.53	-4,290.65	226.32	9.62	216.70	1.044 Level 2		
10,600.00	6,970.06	10,631.51	7,034.11	114.80	114.48	-106.44	945.91	-4,390.65	226.31	3.99	222.32	1.018 Level 2		
10,700.00	6,969.81	10,731.51	7,033.83	117.70	117.38	-106.43	945.30	-4,490.65	226.30	-1.64	227.94	0.993 Level 1		
10,800.00	6,969.55	10,831.51	7,033.54	120.61	120.30	-106.43	944.69	-4,590.65	226.29	-7.28	233.57	0.969 Level 1		
10,900.00	6,969.30	10,931.51	7,033.26	123.52	123.21	-106.42	944.08	-4,690.64	226.27	-12.93	239.20	0.946 Level 1		
11,000.00	6,969.04	11,031.51	7,032.97	126.43	126.13	-106.41	943.46	-4,790.64	226.26	-18.58	244.84	0.924 Level 1		
11,100.00	6,968.79	11,131.51	7,032.69	129.34	129.04	-106.41	942.85	-4,890.64	226.25	-24.23	250.48	0.903 Level 1		
11,200.00	6,968.53	11,231.51	7,032.40	132.26	131.96	-106.40	942.24	-4,990.64	226.23	-29.89	256.12	0.883 Level 1		
11,300.00	6,968.28	11,331.51	7,032.12	135.18	134.88	-106.39	941.63	-5,090.64	226.22	-35.55	261.77	0.864 Level 1		
11,400.00	6,968.02	11,431.51	7,031.83	138.10	137.81	-106.38	941.01	-5,190.63	226.21	-41.21	267.42	0.846 Level 1		
11,500.00	6,967.77	11,531.51	7,031.55	141.02	140.73	-106.38	940.40	-5,290.63	226.19	-46.88	273.07	0.828 Level 1		
11,600.00	6,967.52	11,631.51	7,031.26	143.94	143.66	-106.37	939.79	-5,390.63	226.18	-52.55	278.73	0.811 Level 1		
11,700.00	6,967.26	11,731.51	7,030.98	146.86	146.59	-106.36	939.18	-5,490.63	226.17	-58.22	284.39	0.795 Level 1		
11,800.00	6,967.01	11,831.51	7,030.69	149.79	149.52	-106.36	938.56	-5,590.62	226.16	-63.90	290.05	0.780 Level 1		
11,900.00	6,966.75	11,931.51	7,030.41	152.72	152.45	-106.35	937.95	-5,690.62	226.14	-69.57	295.72	0.765 Level 1		
12,000.00	6,966.50	12,031.51	7,030.12	155.65	155.38	-106.34	937.34	-5,790.62	226.13	-75.25	301.38	0.750 Level 1		
12,100.00	6,966.24	12,131.51	7,029.83	158.58	158.31	-106.33	936.73	-5,890.62	226.12	-80.94	307.05	0.736 Level 1		
12,200.00	6,965.99	12,231.51	7,029.55	161.51	161.25	-106.33	936.11	-5,990.61	226.10	-86.62	312.73	0.723 Level 1		
12,300.00	6,965.73	12,331.51	7,029.26	164.44	164.18	-106.32	935.50	-6,090.61	226.09	-92.31	318.40	0.710 Level 1		
12,400.00	6,965.48	12,431.51	7,028.98	167.37	167.12	-106.31	934.89	-6,190.61	226.08	-98.00	324.08	0.698 Level 1		
12,500.00	6,965.22	12,531.51	7,028.69	170.31	170.05	-106.31	934.28	-6,290.61	226.07	-103.69	329.75	0.686 Level 1		
12,600.00	6,964.97	12,631.51	7,028.41	173.24	172.99	-106.30	933.66	-6,390.61	226.05	-109.38	335.43	0.674 Level 1		
12,700.00	6,964.72	12,731.51	7,028.12	176.18	175.93	-106.29	933.05	-6,490.60	226.04	-115.07	341.11	0.663 Level 1		
12,800.00	6,964.46	12,831.51	7,027.84	179.11	178.87	-106.28	932.44	-6,590.60	226.03	-120.77	346.80	0.652 Level 1		
12,900.00	6,964.21	12,931.51	7,027.55	182.05	181.81	-106.28	931.83	-6,690.60	226.01	-126.47	352.48	0.641 Level 1		
13,000.00	6,963.95	13,031.51	7,027.27	184.99	184.75	-106.27	931.21	-6,790.60	226.00	-132.17	358.17	0.631 Level 1		

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference				Offset			Semi Major Axis			Distance			Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)				
13,100.00	6,963.70	13,131.51	7,026.98	187.93	187.69	-106.26	930.60	-6,890.59	225.99	-137.87	363.86	0.621 Level 1			
13,200.00	6,963.44	13,231.51	7,026.70	190.87	190.63	-106.26	929.99	-6,990.59	225.97	-143.57	369.55	0.611 Level 1			
13,300.00	6,963.19	13,331.51	7,026.41	193.81	193.57	-106.25	929.38	-7,090.59	225.96	-149.27	375.24	0.602 Level 1			
13,400.00	6,962.93	13,431.51	7,026.13	196.75	196.52	-106.24	928.76	-7,190.59	225.95	-154.98	380.93	0.593 Level 1			
13,500.00	6,962.68	13,531.51	7,025.84	199.69	199.46	-106.23	928.15	-7,290.58	225.94	-160.69	386.62	0.584 Level 1			
13,600.00	6,962.42	13,631.51	7,025.56	202.64	202.40	-106.23	927.54	-7,390.58	225.92	-166.39	392.32	0.576 Level 1			
13,700.00	6,962.17	13,731.51	7,025.27	205.58	205.35	-106.22	926.93	-7,490.58	225.91	-172.10	398.01	0.568 Level 1			
13,800.00	6,961.91	13,831.51	7,024.99	208.52	208.29	-106.21	926.31	-7,590.58	225.90	-177.81	403.71	0.560 Level 1			
13,900.00	6,961.66	13,931.51	7,024.70	211.47	211.24	-106.21	925.70	-7,690.58	225.88	-183.52	409.41	0.552 Level 1			
14,000.00	6,961.41	14,031.51	7,024.42	214.41	214.19	-106.20	925.09	-7,790.57	225.87	-189.23	415.11	0.544 Level 1			
14,100.00	6,961.15	14,131.51	7,024.13	217.35	217.13	-106.19	924.48	-7,890.57	225.86	-194.95	420.81	0.537 Level 1			
14,200.00	6,960.90	14,231.51	7,023.85	220.30	220.08	-106.18	923.87	-7,990.57	225.85	-200.66	426.51	0.530 Level 1			
14,300.00	6,960.64	14,331.51	7,023.56	223.25	223.03	-106.18	923.25	-8,090.57	225.83	-206.38	432.21	0.523 Level 1			
14,400.00	6,960.39	14,431.51	7,023.28	226.19	225.97	-106.17	922.64	-8,190.56	225.82	-212.09	437.91	0.516 Level 1			
14,500.00	6,960.13	14,531.51	7,022.99	229.14	228.92	-106.16	922.03	-8,290.56	225.81	-217.81	443.62	0.509 Level 1			
14,600.00	6,959.88	14,631.51	7,022.71	232.09	231.87	-106.16	921.42	-8,390.56	225.79	-223.53	449.32	0.503 Level 1			
14,700.00	6,959.62	14,731.51	7,022.42	235.03	234.82	-106.15	920.80	-8,490.56	225.78	-229.25	455.03	0.496 Level 1			
14,800.00	6,959.37	14,831.51	7,022.14	237.98	237.77	-106.14	920.19	-8,590.56	225.77	-234.97	460.74	0.490 Level 1			
14,900.00	6,959.11	14,931.51	7,021.85	240.93	240.72	-106.13	919.58	-8,690.55	225.76	-240.69	466.45	0.484 Level 1			
15,000.00	6,958.86	15,031.51	7,021.57	243.88	243.67	-106.13	918.97	-8,790.55	225.74	-246.41	472.16	0.478 Level 1			
15,100.00	6,958.61	15,131.51	7,021.28	246.83	246.62	-106.12	918.35	-8,890.55	225.73	-252.14	477.87	0.472 Level 1			
15,200.00	6,958.35	15,231.51	7,021.00	249.77	249.57	-106.11	917.74	-8,990.55	225.72	-257.86	483.58	0.467 Level 1			
15,300.00	6,958.10	15,331.51	7,020.71	252.72	252.52	-106.11	917.13	-9,090.54	225.70	-263.58	489.29	0.461 Level 1			
15,400.00	6,957.84	15,431.51	7,020.43	255.67	255.47	-106.10	916.52	-9,190.54	225.69	-269.31	495.00	0.456 Level 1			
15,500.00	6,957.59	15,531.51	7,020.14	258.62	258.42	-106.09	915.90	-9,290.54	225.68	-275.04	500.72	0.451 Level 1			
15,600.00	6,957.33	15,631.51	7,019.85	261.57	261.37	-106.08	915.29	-9,390.54	225.67	-280.76	506.43	0.446 Level 1			
15,700.00	6,957.08	15,731.51	7,019.57	264.52	264.32	-106.08	914.68	-9,490.53	225.65	-286.49	512.14	0.441 Level 1			
15,800.00	6,956.82	15,831.51	7,019.28	267.47	267.27	-106.07	914.07	-9,590.53	225.64	-292.22	517.86	0.436 Level 1			
15,900.00	6,956.57	15,931.51	7,019.00	270.43	270.22	-106.06	913.45	-9,690.53	225.63	-297.95	523.58	0.431 Level 1			
16,000.00	6,956.31	16,031.51	7,018.71	273.38	273.18	-106.06	912.84	-9,790.53	225.61	-303.68	529.29	0.426 Level 1			
16,100.00	6,956.06	16,131.51	7,018.43	276.33	276.13	-106.05	912.23	-9,890.53	225.60	-309.41	535.01	0.422 Level 1			
16,200.00	6,955.80	16,231.51	7,018.14	279.28	279.08	-106.04	911.62	-9,990.52	225.59	-315.14	540.73	0.417 Level 1			
16,300.00	6,955.55	16,331.51	7,017.86	282.23	282.03	-106.03	911.00	-10,090.52	225.58	-320.87	546.45	0.413 Level 1			
16,400.00	6,955.30	16,431.51	7,017.57	285.18	284.99	-106.03	910.39	-10,190.52	225.56	-326.61	552.17	0.409 Level 1			
16,500.00	6,955.04	16,531.51	7,017.29	288.13	287.94	-106.02	909.78	-10,290.52	225.55	-332.34	557.89	0.404 Level 1			
16,600.00	6,954.79	16,631.51	7,017.00	291.09	290.89	-106.01	909.17	-10,390.51	225.54	-338.07	563.61	0.400 Level 1			
16,700.00	6,954.53	16,731.51	7,016.72	294.04	293.85	-106.01	908.55	-10,490.51	225.53	-343.81	569.33	0.396 Level 1			
16,800.00	6,954.28	16,831.51	7,016.43	296.99	296.80	-106.00	907.94	-10,590.51	225.51	-349.54	575.06	0.392 Level 1			
16,900.00	6,954.02	16,931.51	7,016.15	299.95	299.75	-105.99	907.33	-10,690.51	225.50	-355.28	580.78	0.388 Level 1			
17,000.00	6,953.77	17,031.51	7,015.86	302.90	302.71	-105.98	906.72	-10,790.50	225.49	-361.02	586.50	0.384 Level 1			
17,100.00	6,953.51	17,131.51	7,015.58	305.85	305.66	-105.98	906.10	-10,890.50	225.47	-366.75	592.23	0.381 Level 1			
17,200.00	6,953.26	17,231.51	7,015.29	308.80	308.61	-105.97	905.49	-10,990.50	225.46	-372.49	597.95	0.377 Level 1			
17,300.00	6,953.00	17,331.51	7,015.01	311.76	311.57	-105.96	904.88	-11,090.50	225.45	-378.23	603.68	0.373 Level 1			
17,302.29	6,953.00	17,333.80	7,015.00	311.83	311.64	-105.96	904.87	-11,092.79	225.45	-378.35	603.80	0.373 Level 1, ES, SF			

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			Minimum Separation (usft)	
0.00	0.00	0.00	0.00	3.28	3.28	-179.54	-139.89	-1.11	139.90					
100.00	100.00	100.00	100.00	3.28	3.28	-179.54	-139.89	-1.11	139.90	132.37	7.53	18.586		
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.89	-1.11	139.90	132.33	7.57	18.484	CC	
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.89	-1.11	139.90	132.33	7.57	18.484	ES	
300.00	300.00	299.23	299.23	3.35	3.34	-148.87	-140.03	-1.52	140.41	132.76	7.65	18.348	SF	
400.00	399.93	397.55	397.48	3.41	3.40	-148.26	-141.07	-4.72	144.50	136.72	7.78	18.583		
500.00	499.68	495.46	495.16	3.50	3.48	-147.14	-143.16	-11.10	152.71	144.76	7.95	19.216		
600.00	599.13	606.58	592.62	3.62	3.60	-145.71	-146.22	-20.45	165.00	156.82	8.18	20.162		
700.00	698.15	707.81	690.82	3.76	3.74	-144.85	-149.51	-30.54	180.46	172.00	8.46	21.327		
800.00	796.63	809.50	788.56	3.93	3.91	-144.66	-152.80	-40.59	198.75	189.96	8.79	22.613		
900.00	894.51	888.29	885.78	4.14	4.05	-145.03	-156.06	-50.58	219.55	210.42	9.12	24.068		
1,000.00	992.29	985.99	982.92	4.39	4.24	-145.51	-159.32	-60.56	240.79	231.27	9.51	25.312		
1,100.00	1,090.07	1,083.69	1,080.05	4.66	4.44	-145.92	-162.59	-70.54	262.04	252.11	9.94	26.373		
1,200.00	1,187.85	1,181.39	1,177.19	4.95	4.66	-146.27	-165.85	-80.52	283.31	272.92	10.39	27.274		
1,300.00	1,285.63	1,279.09	1,274.32	5.26	4.88	-146.56	-169.11	-90.50	304.58	293.72	10.86	28.039		
1,400.00	1,383.40	1,376.79	1,371.45	5.58	5.12	-146.82	-172.37	-100.48	325.86	314.50	11.36	28.687		
1,500.00	1,481.18	1,474.49	1,468.59	5.92	5.37	-147.05	-175.64	-110.46	347.15	335.27	11.87	29.237		
1,600.00	1,578.96	1,572.19	1,565.72	6.26	5.62	-147.25	-178.90	-120.45	368.44	356.03	12.40	29.704		
1,700.00	1,676.74	1,669.89	1,662.85	6.62	5.88	-147.43	-182.16	-130.43	389.73	376.78	12.95	30.102		
1,800.00	1,774.52	1,767.59	1,759.99	6.82	6.06	-147.59	-185.42	-140.41	411.03	398.12	12.91	31.848		
1,900.00	1,872.30	1,865.29	1,857.12	6.87	6.12	-147.74	-188.69	-150.39	432.33	419.33	13.00	33.259		
2,000.00	1,970.07	1,962.99	1,954.25	6.95	6.16	-147.87	-191.95	-160.37	453.63	440.55	13.08	34.669		
2,100.00	2,067.85	2,060.69	2,051.39	7.06	6.21	-147.99	-195.21	-170.35	474.94	461.73	13.21	35.966		
2,200.00	2,165.63	2,158.38	2,148.52	7.19	6.28	-148.09	-198.47	-180.33	496.24	482.89	13.36	37.146		
2,300.00	2,263.41	2,256.08	2,245.66	7.33	6.37	-148.19	-201.73	-190.31	517.55	504.01	13.55	38.208		
2,400.00	2,361.19	2,353.78	2,342.79	7.50	6.47	-148.29	-205.00	-200.29	538.86	525.10	13.76	39.152		
2,500.00	2,458.97	2,451.48	2,439.92	7.69	6.58	-148.37	-208.26	-210.27	560.17	546.16	14.01	39.982		
2,600.00	2,556.74	2,549.18	2,537.06	7.90	6.71	-148.45	-211.52	-220.26	581.49	567.20	14.29	40.704		
2,700.00	2,654.52	2,646.88	2,634.19	8.12	6.84	-148.52	-214.78	-230.24	602.80	588.21	14.59	41.324		
2,800.00	2,752.30	2,744.58	2,731.32	8.36	6.99	-148.59	-218.05	-240.22	624.11	609.20	14.91	41.850		
2,900.00	2,850.08	2,842.28	2,828.46	8.61	7.15	-148.66	-221.31	-250.20	645.43	630.17	15.26	42.289		
3,000.00	2,947.86	2,939.98	2,925.59	8.88	7.33	-148.72	-224.57	-260.18	666.74	651.11	15.63	42.651		
3,100.00	3,045.64	3,037.68	3,022.72	9.15	7.51	-148.77	-227.83	-270.16	688.06	672.04	16.02	42.943		
3,200.00	3,143.41	3,135.38	3,119.86	9.44	7.70	-148.83	-231.10	-280.14	709.38	692.95	16.43	43.172		
3,300.00	3,241.19	3,233.08	3,216.99	9.74	7.90	-148.87	-234.36	-290.12	730.69	713.84	16.86	43.347		
3,400.00	3,338.97	3,330.78	3,314.13	10.04	8.10	-148.92	-237.62	-300.10	752.01	734.71	17.30	43.474		
3,500.00	3,436.75	3,428.48	3,411.26	10.35	8.31	-148.97	-240.88	-310.09	773.33	755.58	17.75	43.559		
3,600.00	3,534.53	3,526.18	3,508.39	10.67	8.53	-149.01	-244.14	-320.07	794.65	776.43	18.22	43.607		
3,700.00	3,632.31	3,623.88	3,605.53	11.00	8.76	-149.05	-247.41	-330.05	815.97	797.26	18.70	43.625		
3,800.00	3,730.08	3,721.58	3,702.66	11.33	8.99	-149.09	-250.67	-340.03	837.29	818.09	19.20	43.615		
3,900.00	3,827.86	3,819.28	3,799.79	11.67	9.23	-149.12	-253.93	-350.01	858.61	838.91	19.70	43.583		
4,000.00	3,925.64	3,916.98	3,896.93	12.02	9.47	-149.15	-257.19	-359.99	879.93	859.71	20.21	43.532		
4,100.00	4,023.42	4,014.68	3,994.06	12.36	9.71	-149.19	-260.46	-369.97	901.25	880.51	20.74	43.464		
4,200.00	4,121.20	4,112.38	4,091.19	12.72	9.96	-149.22	-263.72	-379.95	922.57	901.30	21.27	43.383		
4,300.00	4,218.98	4,210.08	4,188.33	13.07	10.22	-149.25	-266.98	-389.93	943.89	922.08	21.80	43.290		
4,400.00	4,316.75	4,307.78	4,285.46	13.43	10.47	-149.28	-270.24	-399.91	965.21	942.86	22.35	43.189		
4,500.00	4,414.53	4,405.47	4,382.59	13.80	10.73	-149.30	-273.51	-409.90	986.53	963.63	22.90	43.079		
4,600.00	4,512.31	4,503.17	4,479.73	14.16	11.00	-149.33	-276.77	-419.88	1,007.85	984.39	23.46	42.964		
4,700.00	4,610.09	4,600.87	4,576.86	14.53	11.26	-149.35	-280.03	-429.86	1,029.17	1,005.15	24.02	42.843		
4,800.00	4,707.87	4,701.43	4,674.00	14.90	11.54	-149.38	-283.29	-439.84	1,050.49	1,025.90	24.60	42.706		
4,900.00	4,805.65	4,803.73	4,771.13	15.28	11.82	-149.40	-286.55	-449.82	1,071.82	1,046.63	25.18	42.558		
5,000.00	4,903.42	4,906.03	4,868.26	15.65	12.11	-149.42	-289.82	-459.80	1,093.14	1,067.36	25.78	42.409		
5,100.00	5,001.20	5,008.33	4,965.40	16.03	12.40	-149.44	-293.08	-469.78	1,114.46	1,088.09	26.37	42.259		
5,200.00	5,098.98	5,089.37	5,062.53	16.41	12.63	-149.46	-296.34	-479.76	1,135.78	1,108.87	26.91	42.203		
5,300.00	5,196.76	5,187.07	5,159.66	16.79	12.91	-149.48	-299.60	-489.74	1,157.11	1,129.60	27.50	42.072		
5,400.00	5,294.54	5,284.77	5,256.80	17.18	13.19	-149.50	-302.87	-499.72	1,178.43	1,150.33	28.10	41.941		
5,500.00	5,392.32	5,382.47	5,353.93	17.56	13.47	-149.52	-306.13	-509.71	1,199.75	1,171.06	28.69	41.811		

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	-179.47	-119.86	-1.11	119.86					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-119.86	-1.11	119.86	112.34	7.53	15.924		
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-119.86	-1.11	119.86	112.29	7.57	15.837	CC	
200.01	200.01	200.01	200.01	3.30	3.30	-179.47	-119.86	-1.11	119.86	112.29	7.57	15.837	ES	
300.00	300.00	299.90	299.90	3.35	3.34	-148.76	-119.87	-1.55	120.26	112.60	7.65	15.713	SF	
400.00	399.93	399.62	399.55	3.41	3.40	-147.96	-119.99	-5.02	123.41	115.63	7.78	15.865		
500.00	499.68	499.05	498.73	3.50	3.49	-146.46	-120.24	-11.93	129.78	121.83	7.95	16.318		
600.00	599.13	601.73	597.45	3.62	3.60	-144.62	-120.58	-21.88	139.41	131.23	8.18	17.038		
700.00	698.15	702.56	696.07	3.76	3.74	-143.56	-120.95	-32.33	152.00	143.54	8.46	17.967		
800.00	796.63	803.76	794.32	3.93	3.90	-143.34	-121.31	-42.73	167.39	158.60	8.79	19.048		
900.00	894.51	905.39	892.15	4.14	4.08	-143.78	-121.67	-53.10	185.27	176.11	9.16	20.217		
1,000.00	992.29	1,007.09	989.89	4.39	4.28	-144.32	-122.04	-63.45	203.59	194.02	9.57	21.274		
1,100.00	1,090.07	1,108.80	1,087.63	4.66	4.49	-144.78	-122.40	-73.80	221.92	211.91	10.01	22.171		
1,200.00	1,187.85	1,189.49	1,185.38	4.95	4.67	-145.16	-122.76	-84.16	240.27	229.84	10.43	23.036		
1,300.00	1,285.63	1,287.78	1,283.12	5.26	4.90	-145.49	-123.12	-94.51	258.62	247.71	10.91	23.700		
1,400.00	1,383.40	1,386.07	1,380.87	5.58	5.14	-145.78	-123.48	-104.86	276.98	265.56	11.42	24.264		
1,500.00	1,481.18	1,484.36	1,478.61	5.92	5.38	-146.03	-123.84	-115.22	295.34	283.41	11.94	24.744		
1,600.00	1,578.96	1,582.65	1,576.35	6.26	5.63	-146.25	-124.20	-125.57	313.71	301.24	12.47	25.152		
1,700.00	1,676.74	1,680.94	1,674.10	6.62	5.89	-146.45	-124.57	-135.92	332.09	319.07	13.02	25.502		
1,800.00	1,774.52	1,779.24	1,771.84	6.82	6.05	-146.63	-124.93	-146.27	350.47	337.50	12.97	27.023		
1,900.00	1,872.30	1,877.53	1,869.59	6.87	6.10	-146.79	-125.29	-156.63	368.85	355.80	13.05	28.266		
2,000.00	1,970.07	1,975.82	1,967.33	6.95	6.14	-146.93	-125.65	-166.98	387.23	374.09	13.14	29.475		
2,100.00	2,067.85	2,074.11	2,065.07	7.06	6.20	-147.06	-126.01	-177.33	405.62	392.36	13.26	30.587		
2,200.00	2,165.63	2,172.40	2,162.82	7.19	6.27	-147.18	-126.37	-187.69	424.00	410.59	13.42	31.597		
2,300.00	2,263.41	2,270.69	2,260.56	7.33	6.35	-147.29	-126.74	-198.04	442.39	428.78	13.61	32.506		
2,400.00	2,361.19	2,368.98	2,358.30	7.50	6.45	-147.39	-127.10	-208.39	460.78	446.95	13.83	33.315		
2,500.00	2,458.97	2,467.27	2,456.05	7.69	6.56	-147.49	-127.46	-218.75	479.18	465.09	14.08	34.026		
2,600.00	2,556.74	2,565.57	2,553.79	7.90	6.69	-147.57	-127.82	-229.10	497.57	483.21	14.36	34.644		
2,700.00	2,654.52	2,663.86	2,651.54	8.12	6.83	-147.65	-128.18	-239.45	515.96	501.29	14.67	35.175		
2,800.00	2,752.30	2,762.15	2,749.28	8.36	6.98	-147.73	-128.54	-249.81	534.36	519.36	15.00	35.625		
2,900.00	2,850.08	2,860.44	2,847.02	8.61	7.14	-147.80	-128.90	-260.16	552.75	537.40	15.35	36.003		
3,000.00	2,947.86	2,958.73	2,944.77	8.88	7.31	-147.86	-129.27	-270.51	571.15	555.42	15.73	36.313		
3,100.00	3,045.64	3,057.02	3,042.51	9.15	7.49	-147.92	-129.63	-280.87	589.55	573.42	16.12	36.564		
3,200.00	3,143.41	3,155.31	3,140.26	9.44	7.68	-147.98	-129.99	-291.22	607.94	591.41	16.54	36.763		
3,300.00	3,241.19	3,253.61	3,238.00	9.74	7.87	-148.03	-130.35	-301.57	626.34	609.37	16.97	36.914		
3,400.00	3,338.97	3,351.90	3,335.74	10.04	8.08	-148.09	-130.71	-311.93	644.74	627.33	17.41	37.025		
3,500.00	3,436.75	3,450.19	3,433.49	10.35	8.29	-148.13	-131.07	-322.28	663.14	645.27	17.87	37.100		
3,600.00	3,534.53	3,548.48	3,531.23	10.67	8.51	-148.18	-131.44	-332.63	681.54	663.19	18.35	37.144		
3,700.00	3,632.31	3,646.77	3,628.97	11.00	8.73	-148.22	-131.80	-342.99	699.94	681.10	18.83	37.162		
3,800.00	3,730.08	3,745.06	3,726.72	11.33	8.96	-148.26	-132.16	-353.34	718.34	699.01	19.33	37.157		
3,900.00	3,827.86	3,843.35	3,824.46	11.67	9.20	-148.30	-132.52	-363.69	736.74	716.90	19.84	37.133		
4,000.00	3,925.64	3,941.64	3,922.21	12.02	9.44	-148.34	-132.88	-374.05	755.14	734.78	20.36	37.092		
4,100.00	4,023.42	4,039.94	4,019.95	12.36	9.68	-148.37	-133.24	-384.40	773.54	752.66	20.89	37.037		
4,200.00	4,121.20	4,138.23	4,117.69	12.72	9.93	-148.41	-133.60	-394.75	791.94	770.52	21.42	36.971		
4,300.00	4,218.98	4,236.52	4,215.44	13.07	10.18	-148.44	-133.97	-405.11	810.35	788.38	21.96	36.895		
4,400.00	4,316.75	4,334.81	4,313.18	13.43	10.44	-148.47	-134.33	-415.46	828.75	806.23	22.51	36.812		
4,500.00	4,414.53	4,433.10	4,410.93	13.80	10.69	-148.50	-134.69	-425.81	847.15	824.08	23.07	36.721		
4,600.00	4,512.31	4,531.39	4,508.67	14.16	10.96	-148.53	-135.05	-436.17	865.55	841.92	23.63	36.626		
4,700.00	4,610.09	4,629.68	4,606.41	14.53	11.22	-148.55	-135.41	-446.52	883.95	859.75	24.20	36.527		
4,800.00	4,707.87	4,727.98	4,704.16	14.90	11.49	-148.58	-135.77	-456.87	902.36	877.58	24.77	36.424		
4,900.00	4,805.65	4,826.27	4,801.90	15.28	11.76	-148.61	-136.14	-467.22	920.76	895.41	25.35	36.319		
5,000.00	4,903.42	4,924.56	4,899.64	15.65	12.03	-148.63	-136.50	-477.58	939.16	913.23	25.93	36.212		
5,100.00	5,001.20	5,022.85	4,997.39	16.03	12.30	-148.65	-136.86	-487.93	957.57	931.05	26.52	36.104		
5,200.00	5,098.98	5,121.14	5,095.13	16.41	12.58	-148.67	-137.22	-498.28	975.97	948.86	27.11	35.996		
5,300.00	5,196.76	5,219.43	5,192.88	16.79	12.85	-148.70	-137.58	-508.64	994.37	966.67	27.71	35.887		
5,400.00	5,294.54	5,317.72	5,290.62	17.18	13.13	-148.72	-137.94	-518.99	1,012.78	984.47	28.31	35.779		
5,500.00	5,392.32	5,416.01	5,388.36	17.56	13.41	-148.74	-138.30	-529.34	1,031.18	1,002.27	28.91	35.671		
5,600.00	5,490.09	5,514.31	5,486.11	17.95	13.70	-148.75	-138.67	-539.70	1,049.59	1,020.07	29.51	35.563		
5,700.00	5,587.87	5,612.60	5,583.85	18.34	13.98	-148.77	-139.03	-550.05	1,067.99	1,037.87	30.12	35.457		
5,800.00	5,685.65	5,710.89	5,681.60	18.73	14.27	-148.79	-139.39	-560.40	1,086.39	1,055.66	30.73	35.351		
5,900.00	5,783.43	5,809.18	5,779.34	19.12	14.55	-148.81	-139.75	-570.76	1,104.80	1,073.45	31.34	35.247		
6,000.00	5,881.21	5,907.47	5,877.08	19.51	14.84	-148.82	-140.11	-581.11	1,123.20	1,091.24	31.96	35.144		
6,100.00	5,978.99	6,005.76	5,974.83	19.90	15.13	-148.84	-140.47	-591.46	1,141.61	1,109.03	32.58	35.043		
6,200.00	6,076.76	6,104.05	6,072.57	20.30	15.42	-148.86	-140.84	-601.82	1,160.01	1,126.81	33.20	34.943		
6,300.00	6,174.54	6,202.34	6,170.31	20.69	15.71	-148.87	-141.20	-612.17	1,178.42	1,144.60	33.82	34.845		
6,400.00	6,272.32	6,300.64	6,268.06	21.09	16.00	-148.89	-141.56	-622.52	1,196.82	1,162.38	34.44	34.748		



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			Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)				
0.00	0.00	0.00	0.00	3.28	3.28	-179.52	-99.83	-0.84	99.83						
100.00	100.00	100.00	100.00	3.28	3.28	-179.52	-99.83	-0.84	99.83	92.30	7.53	13.262			
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-99.83	-0.84	99.83	92.26	7.57	13.190	CC		
200.03	200.03	200.03	200.03	3.30	3.30	-179.52	-99.83	-0.84	99.83	92.26	7.57	13.190	ES		
300.00	300.00	300.40	300.40	3.35	3.34	-148.80	-99.72	-1.27	100.10	92.45	7.65	13.078			
400.00	399.93	401.15	401.08	3.41	3.41	-147.87	-98.87	-4.71	102.30	94.52	7.78	13.147			
500.00	499.68	501.73	501.41	3.50	3.50	-146.11	-97.19	-11.57	106.76	98.80	7.96	13.418			
600.00	599.13	601.78	600.93	3.62	3.61	-143.92	-94.76	-21.45	113.65	105.47	8.18	13.889			
700.00	698.15	701.27	699.85	3.76	3.74	-142.69	-92.22	-31.80	123.37	114.91	8.46	14.583			
800.00	796.63	800.48	798.49	3.93	3.90	-142.50	-89.68	-42.13	135.87	127.08	8.78	15.466			
900.00	894.51	900.66	896.78	4.14	4.08	-143.11	-87.16	-52.41	150.85	141.69	9.16	16.469			
1,000.00	992.29	1,001.88	995.00	4.39	4.27	-143.79	-84.63	-62.69	166.26	156.70	9.57	17.380			
1,100.00	1,090.07	1,103.09	1,093.22	4.66	4.49	-144.36	-82.11	-72.97	181.70	171.69	10.01	18.158			
1,200.00	1,187.85	1,204.30	1,191.43	4.95	4.71	-144.84	-79.58	-83.24	197.15	186.67	10.47	18.821			
1,300.00	1,285.63	1,305.52	1,289.65	5.26	4.94	-145.25	-77.06	-93.52	212.61	201.64	10.97	19.385			
1,400.00	1,383.40	1,406.73	1,387.87	5.58	5.19	-145.61	-74.54	-103.80	228.08	216.60	11.48	19.865			
1,500.00	1,481.18	1,507.94	1,486.09	5.92	5.44	-145.92	-72.01	-114.08	243.56	231.55	12.01	20.274			
1,600.00	1,578.96	1,609.16	1,584.31	6.26	5.70	-146.19	-69.49	-124.36	259.04	246.48	12.56	20.624			
1,700.00	1,676.74	1,689.63	1,682.52	6.62	5.91	-146.43	-66.96	-134.63	274.53	261.47	13.07	21.012			
1,800.00	1,774.52	1,788.42	1,780.74	6.82	6.07	-146.65	-64.44	-144.91	290.03	277.03	13.00	22.308			
1,900.00	1,872.30	1,887.20	1,878.96	6.87	6.11	-146.84	-61.91	-155.19	305.52	292.46	13.07	23.378			
2,000.00	1,970.07	1,985.99	1,977.18	6.95	6.15	-147.02	-59.39	-165.47	321.02	307.87	13.16	24.397			
2,100.00	2,067.85	2,084.78	2,075.40	7.06	6.20	-147.18	-56.86	-175.74	336.53	323.25	13.28	25.336			
2,200.00	2,165.63	2,183.56	2,173.62	7.19	6.28	-147.32	-54.34	-186.02	352.03	338.59	13.44	26.191			
2,300.00	2,263.41	2,282.35	2,271.83	7.33	6.36	-147.45	-51.82	-196.30	367.54	353.91	13.63	26.960			
2,400.00	2,361.19	2,381.14	2,370.05	7.50	6.46	-147.58	-49.29	-206.58	383.05	369.19	13.86	27.645			
2,500.00	2,458.97	2,479.92	2,468.27	7.69	6.58	-147.69	-46.77	-216.85	398.56	384.45	14.11	28.249			
2,600.00	2,556.74	2,578.71	2,566.49	7.90	6.71	-147.79	-44.24	-227.13	414.07	399.68	14.39	28.775			
2,700.00	2,654.52	2,677.50	2,664.71	8.12	6.85	-147.89	-41.72	-237.41	429.59	414.89	14.70	29.228			
2,800.00	2,752.30	2,776.29	2,762.93	8.36	7.00	-147.98	-39.19	-247.69	445.10	430.07	15.03	29.614			
2,900.00	2,850.08	2,875.07	2,861.14	8.61	7.16	-148.06	-36.67	-257.97	460.62	445.23	15.39	29.939			
3,000.00	2,947.86	2,973.86	2,959.36	8.88	7.33	-148.14	-34.14	-268.24	476.13	460.37	15.76	30.207			
3,100.00	3,045.64	3,072.65	3,057.58	9.15	7.51	-148.22	-31.62	-278.52	491.65	475.49	16.16	30.426			
3,200.00	3,143.41	3,171.43	3,155.80	9.44	7.70	-148.28	-29.10	-288.80	507.17	490.60	16.57	30.600			
3,300.00	3,241.19	3,270.22	3,254.02	9.74	7.90	-148.35	-26.57	-299.08	522.69	505.68	17.01	30.735			
3,400.00	3,338.97	3,369.01	3,352.24	10.04	8.11	-148.41	-24.05	-309.35	538.21	520.75	17.45	30.835			
3,500.00	3,436.75	3,467.79	3,450.45	10.35	8.32	-148.47	-21.52	-319.63	553.73	535.81	17.92	30.906			
3,600.00	3,534.53	3,566.58	3,548.67	10.67	8.54	-148.52	-19.00	-329.91	569.25	550.86	18.39	30.951			
3,700.00	3,632.31	3,665.37	3,646.89	11.00	8.77	-148.57	-16.47	-340.19	584.77	565.89	18.88	30.973			
3,800.00	3,730.08	3,764.15	3,745.11	11.33	9.00	-148.62	-13.95	-350.46	600.29	580.91	19.38	30.976			
3,900.00	3,827.86	3,862.94	3,843.33	11.67	9.23	-148.67	-11.42	-360.74	615.81	595.92	19.89	30.962			
4,000.00	3,925.64	3,961.73	3,941.55	12.02	9.47	-148.71	-8.90	-371.02	631.34	610.93	20.41	30.935			
4,100.00	4,023.42	4,060.51	4,039.76	12.36	9.72	-148.76	-6.38	-381.30	646.86	625.92	20.94	30.896			
4,200.00	4,121.20	4,159.30	4,137.98	12.72	9.97	-148.80	-3.85	-391.58	662.38	640.91	21.47	30.847			
4,300.00	4,218.98	4,258.09	4,236.20	13.07	10.22	-148.83	-1.33	-401.85	677.90	655.89	22.02	30.790			
4,400.00	4,316.75	4,356.87	4,334.42	13.43	10.48	-148.87	1.20	-412.13	693.43	670.86	22.57	30.725			
4,500.00	4,414.53	4,455.66	4,432.64	13.80	10.74	-148.91	3.72	-422.41	708.95	685.82	23.13	30.656			
4,600.00	4,512.31	4,554.45	4,530.85	14.16	11.00	-148.94	6.25	-432.69	724.47	700.78	23.69	30.581			
4,700.00	4,610.09	4,653.23	4,629.07	14.53	11.26	-148.97	8.77	-442.96	740.00	715.74	24.26	30.504			
4,800.00	4,707.87	4,752.02	4,727.29	14.90	11.53	-149.00	11.30	-453.24	755.52	730.69	24.83	30.423			
4,900.00	4,805.65	4,850.81	4,825.51	15.28	11.80	-149.03	13.82	-463.52	771.05	745.63	25.41	30.340			
5,000.00	4,903.42	4,949.60	4,923.73	15.65	12.07	-149.06	16.34	-473.80	786.57	760.58	26.00	30.255			
5,100.00	5,001.20	5,048.38	5,021.95	16.03	12.35	-149.09	18.87	-484.08	802.10	775.51	26.59	30.170			
5,200.00	5,098.98	5,147.17	5,120.16	16.41	12.62	-149.11	21.39	-494.35	817.62	790.44	27.18	30.083			
5,300.00	5,196.76	5,245.96	5,218.38	16.79	12.90	-149.14	23.92	-504.63	833.15	805.37	27.77	29.997			
5,400.00	5,294.54	5,344.74	5,316.60	17.18	13.18	-149.16	26.44	-514.91	848.67	820.30	28.37	29.910			
5,500.00	5,392.32	5,443.53	5,414.82	17.56	13.46	-149.19	28.97	-525.19	864.20	835.22	28.98	29.824			
5,600.00	5,490.09	5,542.32	5,513.04	17.95	13.75	-149.21	31.49	-535.46	879.73	850.14	29.58	29.738			
5,700.00	5,587.87	5,641.10	5,611.26	18.34	14.03	-149.23	34.02	-545.74	895.25	865.06	30.19	29.653			
5,800.00	5,685.65	5,739.89	5,709.47	18.73	14.32	-149.25	36.54	-556.02	910.78	879.97	30.80	29.568			
5,900.00	5,783.43	5,838.68	5,807.69	19.12	14.60	-149.27	39.06	-566.30	926.30	894.89	31.42	29.484			
6,000.00	5,881.21	5,937.46	5,905.91	19.51	14.89	-149.29	41.59	-576.57	941.83	909.80	32.03	29.402			
6,100.00	5,978.99	6,036.25	6,004.13	19.90	15.18	-149.31	44.11	-586.85	957.36	924.70	32.65	29.320			
6,200.00	6,076.76	6,135.04	6,102.35	20.30	15.47	-149.33	46.64	-597.13	972.88	939.61	33.27	29.240			
6,300.00	6,174.54	6,233.82	6,200.57	20.69	15.76	-149.35	49.16	-607.41	988.41	954.51	33.90	29.161			
6,400.00	6,272.32	6,332.61	6,298.78	21.09	16.06	-149.37	51.69	-617.69	1,003.94	969.42	34.52	29.083			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference				Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
6,500.00	6,370.10	6,431.40	6,397.00	21.49	16.35	-149.38	54.21	-627.96	1,019.46	984.32	35.15	29.006		
6,600.00	6,467.61	6,530.32	6,495.29	21.89	16.65	-133.55	56.74	-638.86	1,034.95	999.17	35.78	28.923		
6,700.00	6,562.43	6,630.08	6,592.37	22.34	17.05	-116.18	59.18	-661.21	1,050.01	1,013.43	36.58	28.706		
6,800.00	6,652.07	6,730.63	6,685.49	22.91	17.58	-107.39	61.45	-698.79	1,064.24	1,026.60	37.64	28.275		
6,900.00	6,734.32	6,832.03	6,772.24	23.59	18.28	-102.18	63.50	-751.06	1,077.29	1,038.26	39.02	27.606		
7,000.00	6,807.15	6,934.31	6,850.22	24.42	19.19	-98.76	65.26	-817.04	1,088.83	1,048.01	40.82	26.674		
7,100.00	6,868.78	7,037.43	6,917.15	25.42	20.36	-96.42	66.67	-895.33	1,098.59	1,055.46	43.12	25.476		
7,200.00	6,917.68	7,141.30	6,970.91	26.62	21.83	-94.82	67.70	-984.06	1,106.30	1,060.30	46.00	24.049		
7,300.00	6,952.66	7,245.78	7,009.73	28.05	23.60	-93.78	68.31	-1,080.93	1,111.78	1,062.32	49.46	22.479		
7,400.00	6,972.84	7,350.67	7,032.26	29.69	25.63	-93.22	68.46	-1,183.25	1,114.88	1,061.47	53.41	20.875		
7,500.00	6,977.95	7,454.88	7,037.96	31.48	27.82	-93.08	68.17	-1,287.21	1,115.55	1,057.89	57.67	19.345		
7,600.00	6,977.70	7,554.88	7,037.71	33.43	30.06	-93.08	67.74	-1,387.21	1,115.37	1,053.29	62.07	17.969		
7,700.00	6,977.44	7,654.88	7,037.45	35.52	32.40	-93.08	67.30	-1,487.21	1,115.18	1,048.48	66.71	16.717		
7,800.00	6,977.19	7,754.88	7,037.20	37.74	34.84	-93.09	66.87	-1,587.20	1,115.00	1,043.46	71.53	15.587		
7,900.00	6,976.94	7,854.88	7,036.94	40.06	37.35	-93.09	66.44	-1,687.20	1,114.81	1,038.30	76.51	14.570		
8,000.00	6,976.68	7,954.88	7,036.69	42.47	39.93	-93.09	66.01	-1,787.20	1,114.63	1,033.01	81.62	13.656		
8,100.00	6,976.43	8,054.88	7,036.43	44.95	42.56	-93.09	65.58	-1,887.20	1,114.44	1,027.61	86.83	12.835		
8,200.00	6,976.17	8,154.88	7,036.18	47.49	45.22	-93.09	65.14	-1,987.20	1,114.26	1,022.13	92.13	12.095		
8,300.00	6,975.92	8,254.88	7,035.92	50.07	47.93	-93.09	64.71	-2,087.20	1,114.07	1,016.58	97.50	11.427		
8,400.00	6,975.66	8,354.88	7,035.67	52.70	50.66	-93.09	64.28	-2,187.20	1,113.89	1,010.97	102.92	10.822		
8,500.00	6,975.41	8,454.88	7,035.42	55.36	53.41	-93.09	63.85	-2,287.19	1,113.71	1,005.30	108.40	10.274		
8,600.00	6,975.15	8,554.88	7,035.16	58.06	56.19	-93.09	63.42	-2,387.19	1,113.52	999.59	113.93	9.774		
8,700.00	6,974.90	8,654.88	7,034.91	60.78	58.98	-93.09	62.98	-2,487.19	1,113.34	993.85	119.49	9.317		
8,800.00	6,974.64	8,754.88	7,034.65	63.52	61.79	-93.09	62.55	-2,587.19	1,113.15	988.07	125.08	8.899		
8,900.00	6,974.39	8,854.88	7,034.40	66.28	64.62	-93.09	62.12	-2,687.19	1,112.97	982.26	130.71	8.515		
9,000.00	6,974.13	8,954.88	7,034.14	69.06	67.45	-93.09	61.69	-2,787.19	1,112.78	976.43	136.35	8.161		
9,100.00	6,973.88	9,054.88	7,033.89	71.85	70.30	-93.09	61.26	-2,887.19	1,112.60	970.57	142.02	7.834		
9,200.00	6,973.63	9,154.88	7,033.63	74.66	73.16	-93.09	60.82	-2,987.18	1,112.41	964.70	147.71	7.531		
9,300.00	6,973.37	9,254.88	7,033.38	77.48	76.02	-93.09	60.39	-3,087.18	1,112.23	958.81	153.42	7.250		
9,400.00	6,973.12	9,354.88	7,033.12	80.31	78.89	-93.09	59.96	-3,187.18	1,112.04	952.90	159.14	6.988		
9,500.00	6,972.86	9,454.88	7,032.87	83.15	81.77	-93.09	59.53	-3,287.18	1,111.86	946.98	164.88	6.744		
9,600.00	6,972.61	9,554.88	7,032.62	86.00	84.65	-93.09	59.10	-3,387.18	1,111.67	941.05	170.62	6.515		
9,700.00	6,972.35	9,654.88	7,032.36	88.85	87.54	-93.10	58.66	-3,487.18	1,111.49	935.10	176.38	6.302		
9,800.00	6,972.10	9,754.88	7,032.11	91.72	90.43	-93.10	58.23	-3,587.18	1,111.30	929.15	182.15	6.101		
9,900.00	6,971.84	9,854.88	7,031.85	94.59	93.33	-93.10	57.80	-3,687.17	1,111.12	923.19	187.93	5.912		
10,000.00	6,971.59	9,954.88	7,031.60	97.46	96.23	-93.10	57.37	-3,787.17	1,110.93	917.22	193.72	5.735		
10,100.00	6,971.33	10,054.88	7,031.34	100.34	99.14	-93.10	56.94	-3,887.17	1,110.75	911.24	199.51	5.567		
10,200.00	6,971.08	10,154.87	7,031.09	103.22	102.05	-93.10	56.50	-3,987.17	1,110.56	905.25	205.31	5.409		
10,300.00	6,970.83	10,254.87	7,030.83	106.11	104.96	-93.10	56.07	-4,087.17	1,110.38	899.26	211.12	5.259		
10,400.00	6,970.57	10,354.87	7,030.58	109.01	107.87	-93.10	55.64	-4,187.17	1,110.19	893.26	216.93	5.118		
10,500.00	6,970.32	10,454.87	7,030.32	111.90	110.79	-93.10	55.21	-4,287.17	1,110.01	887.26	222.75	4.983		
10,600.00	6,970.06	10,554.87	7,030.07	114.80	113.71	-93.10	54.78	-4,387.16	1,109.82	881.25	228.58	4.855		
10,700.00	6,969.81	10,654.87	7,029.82	117.70	116.63	-93.10	54.35	-4,487.16	1,109.64	875.23	234.41	4.734		
10,800.00	6,969.55	10,754.87	7,029.56	120.61	119.55	-93.10	53.91	-4,587.16	1,109.46	869.22	240.24	4.618		
10,900.00	6,969.30	10,854.87	7,029.31	123.52	122.48	-93.10	53.48	-4,687.16	1,109.27	863.19	246.08	4.508		
11,000.00	6,969.04	10,954.87	7,029.05	126.43	125.40	-93.10	53.05	-4,787.16	1,109.09	857.17	251.92	4.403		
11,100.00	6,968.79	11,054.87	7,028.80	129.34	128.33	-93.10	52.62	-4,887.16	1,108.90	851.14	257.76	4.302		
11,200.00	6,968.53	11,154.87	7,028.54	132.26	131.26	-93.10	52.19	-4,987.16	1,108.72	845.11	263.61	4.206		
11,300.00	6,968.28	11,254.87	7,028.29	135.18	134.19	-93.10	51.75	-5,087.15	1,108.53	839.07	269.46	4.114		
11,400.00	6,968.02	11,354.87	7,028.03	138.10	137.13	-93.10	51.32	-5,187.15	1,108.35	833.04	275.31	4.026		
11,500.00	6,967.77	11,454.87	7,027.78	141.02	140.06	-93.10	50.89	-5,287.15	1,108.16	826.99	281.17	3.941		
11,600.00	6,967.52	11,554.87	7,027.52	143.94	143.00	-93.10	50.46	-5,387.15	1,107.98	820.95	287.03	3.860		
11,700.00	6,967.26	11,654.87	7,027.27	146.86	145.93	-93.11	50.03	-5,487.15	1,107.79	814.91	292.89	3.782		
11,800.00	6,967.01	11,754.87	7,027.02	149.79	148.87	-93.11	49.59	-5,587.15	1,107.61	808.86	298.75	3.707		
11,900.00	6,966.75	11,854.87	7,026.76	152.72	151.81	-93.11	49.16	-5,687.15	1,107.42	802.81	304.61	3.635		
12,000.00	6,966.50	11,954.87	7,026.51	155.65	154.75	-93.11	48.73	-5,787.14	1,107.24	796.76	310.48	3.566		
12,100.00	6,966.24	12,054.87	7,026.25	158.58	157.69	-93.11	48.30	-5,887.14	1,107.05	790.70	316.35	3.499		
12,200.00	6,965.99	12,154.87	7,026.00	161.51	160.63	-93.11	47.87	-5,987.14	1,106.87	784.65	322.22	3.435		
12,300.00	6,965.73	12,254.87	7,025.74	164.44	163.57	-93.11	47.43	-6,087.14	1,106.68	778.59	328.09	3.373		
12,400.00	6,965.48	12,354.87	7,025.49	167.37	166.51	-93.11	47.00	-6,187.14	1,106.50	772.53	333.97	3.313		
12,500.00	6,965.22	12,454.87	7,025.23	170.31	169.45	-93.11	46.57	-6,287.14	1,106.31	766.47	339.84	3.255		
12,600.00	6,964.97	12,554.87	7,024.98	173.24	172.40	-93.11	46.14	-6,387.14	1,106.13	760.41	345.72	3.200		
12,700.00	6,964.72	12,654.87	7,024.72	176.18	175.34	-93.11	45.71	-6,487.13	1,105.94	754.35	351.59	3.146		
12,800.00	6,964.46	12,754.87	7,024.47	179.11	178.29	-93.11	45.27	-6,587.13	1,105.76	748.29	357.47	3.093		
12,900.00	6,964.21	12,854.87	7,024.22	182.05	181.23	-93.11	44.84	-6,687.13	1,105.57	742.22	363.35	3.043		
13,000.00	6,963.95	12,954.87	7,023.96	184.99	184.18	-93.11	44.41	-6,787.13	1,105.39	736.15	369.24	2.994		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
13,100.00	6,963.70	13,054.87	7,023.71	187.93	187.12	-93.11	43.98	-6,887.13	1,105.21	730.09	375.12	2.946		
13,200.00	6,963.44	13,154.87	7,023.45	190.87	190.07	-93.11	43.55	-6,987.13	1,105.02	724.02	381.00	2.900		
13,300.00	6,963.19	13,254.87	7,023.20	193.81	193.02	-93.11	43.12	-7,087.13	1,104.84	717.95	386.89	2.856		
13,400.00	6,962.93	13,354.87	7,022.94	196.75	195.97	-93.11	42.68	-7,187.12	1,104.65	711.88	392.77	2.812		
13,500.00	6,962.68	13,454.87	7,022.69	199.69	198.91	-93.11	42.25	-7,287.12	1,104.47	705.81	398.66	2.770		
13,600.00	6,962.42	13,554.87	7,022.43	202.64	201.86	-93.12	41.82	-7,387.12	1,104.28	699.74	404.55	2.730		
13,700.00	6,962.17	13,654.87	7,022.18	205.58	204.81	-93.12	41.39	-7,487.12	1,104.10	693.66	410.43	2.690		
13,800.00	6,961.91	13,754.87	7,021.92	208.52	207.76	-93.12	40.96	-7,587.12	1,103.91	687.59	416.32	2.652		
13,900.00	6,961.66	13,854.87	7,021.67	211.47	210.71	-93.12	40.52	-7,687.12	1,103.73	681.52	422.21	2.614		
14,000.00	6,961.41	13,954.87	7,021.42	214.41	213.66	-93.12	40.09	-7,787.12	1,103.54	675.44	428.10	2.578		
14,100.00	6,961.15	14,054.87	7,021.16	217.35	216.61	-93.12	39.66	-7,887.11	1,103.36	669.36	433.99	2.542		
14,200.00	6,960.90	14,154.87	7,020.91	220.30	219.56	-93.12	39.23	-7,987.11	1,103.17	663.29	439.89	2.508		
14,300.00	6,960.64	14,254.87	7,020.65	223.25	222.51	-93.12	38.80	-8,087.11	1,102.99	657.21	445.78	2.474		
14,400.00	6,960.39	14,354.87	7,020.40	226.19	225.46	-93.12	38.36	-8,187.11	1,102.80	651.13	451.67	2.442		
14,500.00	6,960.13	14,454.87	7,020.14	229.14	228.42	-93.12	37.93	-8,287.11	1,102.62	645.05	457.56	2.410		
14,600.00	6,959.88	14,554.87	7,019.89	232.09	231.37	-93.12	37.50	-8,387.11	1,102.43	638.98	463.46	2.379		
14,700.00	6,959.62	14,654.87	7,019.63	235.03	234.32	-93.12	37.07	-8,487.11	1,102.25	632.90	469.35	2.348		
14,800.00	6,959.37	14,754.87	7,019.38	237.98	237.27	-93.12	36.64	-8,587.10	1,102.06	626.82	475.25	2.319		
14,900.00	6,959.11	14,854.87	7,019.12	240.93	240.22	-93.12	36.20	-8,687.10	1,101.88	620.74	481.14	2.290		
15,000.00	6,958.86	14,954.87	7,018.87	243.88	243.18	-93.12	35.77	-8,787.10	1,101.69	614.65	487.04	2.262		
15,100.00	6,958.61	15,054.87	7,018.62	246.83	246.13	-93.12	35.34	-8,887.10	1,101.51	608.57	492.94	2.235		
15,200.00	6,958.35	15,154.87	7,018.36	249.77	249.08	-93.12	34.91	-8,987.10	1,101.33	602.49	498.83	2.208		
15,300.00	6,958.10	15,254.87	7,018.11	252.72	252.04	-93.12	34.48	-9,087.10	1,101.14	596.41	504.73	2.182		
15,400.00	6,957.84	15,354.87	7,017.85	255.67	254.99	-93.12	34.04	-9,187.10	1,100.96	590.33	510.63	2.156		
15,500.00	6,957.59	15,454.87	7,017.60	258.62	257.94	-93.13	33.61	-9,287.09	1,100.77	584.24	516.53	2.131		
15,600.00	6,957.33	15,554.87	7,017.34	261.57	260.90	-93.13	33.18	-9,387.09	1,100.59	578.16	522.43	2.107		
15,700.00	6,957.08	15,654.87	7,017.09	264.52	263.85	-93.13	32.75	-9,487.09	1,100.40	572.07	528.33	2.083		
15,800.00	6,956.82	15,754.87	7,016.83	267.47	266.81	-93.13	32.32	-9,587.09	1,100.22	565.99	534.23	2.059		
15,900.00	6,956.57	15,854.87	7,016.58	270.43	269.76	-93.13	31.88	-9,687.09	1,100.03	559.91	540.13	2.037		
16,000.00	6,956.31	15,954.87	7,016.32	273.38	272.72	-93.13	31.45	-9,787.09	1,099.85	553.82	546.03	2.014		
16,100.00	6,956.06	16,054.86	7,016.07	276.33	275.67	-93.13	31.02	-9,887.09	1,099.66	547.74	551.93	1.992		
16,200.00	6,955.80	16,154.86	7,015.82	279.28	278.63	-93.13	30.59	-9,987.08	1,099.48	541.65	557.83	1.971		
16,300.00	6,955.55	16,254.86	7,015.56	282.23	281.58	-93.13	30.16	-10,087.08	1,099.29	535.56	563.73	1.950		
16,400.00	6,955.30	16,354.86	7,015.31	285.18	284.54	-93.13	29.73	-10,187.08	1,099.11	529.48	569.63	1.930		
16,500.00	6,955.04	16,454.86	7,015.05	288.13	287.49	-93.13	29.29	-10,287.08	1,098.92	523.39	575.53	1.909		
16,600.00	6,954.79	16,554.86	7,014.80	291.09	290.45	-93.13	28.86	-10,387.08	1,098.74	517.30	581.43	1.890		
16,700.00	6,954.53	16,654.86	7,014.54	294.04	293.40	-93.13	28.43	-10,487.08	1,098.55	511.22	587.34	1.870		
16,800.00	6,954.28	16,754.86	7,014.29	296.99	296.36	-93.13	28.00	-10,587.08	1,098.37	505.13	593.24	1.851		
16,900.00	6,954.02	16,854.86	7,014.03	299.95	299.31	-93.13	27.57	-10,687.07	1,098.18	499.04	599.14	1.833		
17,000.00	6,953.77	16,954.86	7,013.78	302.90	302.27	-93.13	27.13	-10,787.07	1,098.00	492.95	605.05	1.815		
17,100.00	6,953.51	17,054.86	7,013.52	305.85	305.23	-93.13	26.70	-10,887.07	1,097.81	486.87	610.95	1.797		
17,200.00	6,953.26	17,154.86	7,013.27	308.80	308.18	-93.13	26.27	-10,987.07	1,097.63	480.78	616.85	1.779		
17,300.00	6,953.00	17,254.86	7,013.02	311.76	311.14	-93.13	25.84	-11,087.07	1,097.44	474.69	622.76	1.762		
17,302.29	6,953.00	17,257.16	7,013.01	311.83	311.21	-93.13	25.83	-11,089.36	1,097.44	474.56	622.88	1.762 SF		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference				Semi Major Axis			Distance						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	-179.56	-220.04	-1.67	220.04					
100.00	100.00	100.00	100.00	3.28	3.28	-179.56	-220.04	-1.67	220.04	212.52	7.53	29.233		
200.00	200.00	200.00	200.00	3.30	3.30	-179.56	-220.04	-1.67	220.04	212.47	7.57	29.073		
200.00	200.00	200.00	200.00	3.30	3.30	-179.56	-220.04	-1.67	220.04	212.47	7.57	29.073	CC, ES	
300.00	300.00	296.94	296.94	3.35	3.34	-148.96	-220.36	-1.88	220.76	213.11	7.65	28.855	SF	
400.00	399.93	390.60	390.55	3.41	3.39	-148.91	-222.94	-3.54	226.51	218.75	7.77	29.167		
500.00	499.68	483.58	483.32	3.50	3.46	-148.82	-228.04	-6.83	237.99	230.06	7.93	30.028		
600.00	599.13	575.43	574.73	3.62	3.56	-148.68	-235.56	-11.67	255.11	246.98	8.13	31.391		
700.00	698.15	665.74	664.28	3.76	3.67	-148.50	-245.35	-17.98	277.78	269.41	8.37	33.188		
800.00	796.63	754.12	751.52	3.93	3.82	-148.28	-257.22	-25.64	305.87	297.22	8.65	35.348		
900.00	894.51	845.58	841.41	4.14	4.00	-148.23	-271.40	-34.77	338.50	329.51	8.99	37.638		
1,000.00	992.29	939.89	934.07	4.39	4.21	-148.38	-286.19	-44.30	371.74	362.37	9.37	39.692		
1,100.00	1,090.07	1,034.20	1,026.73	4.66	4.45	-148.50	-300.98	-53.83	404.98	395.20	9.77	41.440		
1,200.00	1,187.85	1,128.51	1,119.38	4.95	4.71	-148.61	-315.76	-63.36	438.21	428.00	10.21	42.920		
1,300.00	1,285.63	1,222.83	1,212.04	5.26	4.98	-148.70	-330.55	-72.89	471.45	460.78	10.67	44.168		
1,400.00	1,383.40	1,317.14	1,304.69	5.58	5.27	-148.78	-345.34	-82.42	504.69	493.53	11.16	45.217		
1,500.00	1,481.18	1,411.45	1,397.35	5.92	5.57	-148.85	-360.12	-91.95	537.93	526.27	11.67	46.109		
1,600.00	1,578.96	1,505.76	1,490.01	6.26	5.88	-148.91	-374.91	-101.48	571.18	558.99	12.19	46.852		
1,700.00	1,676.74	1,600.07	1,582.66	6.62	6.19	-148.96	-389.70	-111.01	604.42	591.69	12.73	47.481		
1,800.00	1,774.52	1,694.38	1,675.32	6.82	6.52	-149.01	-404.48	-120.54	637.66	624.70	12.96	49.215		
1,900.00	1,872.30	1,788.70	1,767.98	6.87	6.71	-149.05	-419.27	-130.07	670.90	657.94	12.97	51.735		
2,000.00	1,970.07	1,883.01	1,860.63	6.95	6.77	-149.09	-434.06	-139.60	704.15	691.09	13.06	53.915		
2,100.00	2,067.85	1,977.32	1,953.29	7.06	6.83	-149.13	-448.84	-149.13	737.39	724.22	13.17	55.984		
2,200.00	2,165.63	2,071.63	2,045.95	7.19	6.92	-149.16	-463.63	-158.66	770.63	757.32	13.32	57.870		
2,300.00	2,263.41	2,165.94	2,138.60	7.33	7.03	-149.19	-478.42	-168.19	803.88	790.38	13.50	59.568		
2,400.00	2,361.19	2,260.25	2,231.26	7.50	7.15	-149.22	-493.20	-177.71	837.12	823.42	13.71	61.081		
2,500.00	2,458.97	2,354.57	2,323.92	7.69	7.30	-149.25	-507.99	-187.24	870.37	856.42	13.95	62.412		
2,600.00	2,556.74	2,448.88	2,416.57	7.90	7.46	-149.27	-522.78	-196.77	903.61	889.40	14.21	63.569		
2,700.00	2,654.52	2,543.19	2,509.23	8.12	7.63	-149.29	-537.56	-206.30	936.86	922.34	14.51	64.563		
2,800.00	2,752.30	2,637.50	2,601.89	8.36	7.82	-149.31	-552.35	-215.83	970.10	955.27	14.83	65.405		
2,900.00	2,850.08	2,731.81	2,694.54	8.61	8.03	-149.33	-567.14	-225.36	1,003.34	988.17	15.18	66.107		
3,000.00	2,947.86	2,826.12	2,787.20	8.88	8.24	-149.35	-581.92	-234.89	1,036.59	1,021.04	15.54	66.683		
3,100.00	3,045.64	2,920.44	2,879.86	9.15	8.47	-149.37	-596.71	-244.42	1,069.83	1,053.90	15.93	67.146		
3,200.00	3,143.41	3,014.75	2,972.51	9.44	8.71	-149.38	-611.50	-253.95	1,103.08	1,086.74	16.34	67.508		
3,300.00	3,241.19	3,109.06	3,065.17	9.74	8.96	-149.40	-626.28	-263.48	1,136.32	1,119.56	16.76	67.780		
3,400.00	3,338.97	3,203.37	3,157.83	10.04	9.22	-149.41	-641.07	-273.01	1,169.57	1,152.36	17.21	67.975		

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	-179.52	-200.00	-1.67	200.01					
100.00	100.00	100.00	100.00	3.28	3.28	-179.52	-200.00	-1.67	200.01	192.48	7.53	26.572		
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-200.00	-1.67	200.01	192.44	7.57	26.426		
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-200.00	-1.67	200.01	192.44	7.57	26.426	CC, ES	
300.00	300.00	297.43	297.42	3.35	3.34	-148.90	-200.31	-1.92	200.71	193.05	7.65	26.232	SF	
400.00	399.93	392.06	392.00	3.41	3.39	-148.77	-202.71	-3.92	206.25	198.49	7.77	26.552		
500.00	499.68	486.05	485.78	3.50	3.47	-148.52	-207.48	-7.88	217.32	209.39	7.93	27.407		
600.00	599.13	578.97	578.25	3.62	3.56	-148.18	-214.52	-13.72	233.85	225.72	8.13	28.749		
700.00	698.15	670.44	668.94	3.76	3.68	-147.76	-223.70	-21.34	255.75	247.37	8.38	30.511		
800.00	796.63	763.69	761.01	3.93	3.83	-147.36	-235.01	-30.73	282.60	273.91	8.68	32.547		
900.00	894.51	859.19	855.26	4.14	4.02	-147.37	-246.85	-40.56	312.24	303.21	9.04	34.547		
1,000.00	992.29	954.55	949.38	4.39	4.23	-147.58	-258.67	-50.37	342.32	332.90	9.42	36.356		
1,100.00	1,090.07	1,049.91	1,043.50	4.66	4.46	-147.75	-270.48	-60.19	372.40	362.57	9.83	37.892		
1,200.00	1,187.85	1,145.28	1,137.62	4.95	4.70	-147.90	-282.30	-70.00	402.48	392.21	10.27	39.191		
1,300.00	1,285.63	1,240.64	1,231.74	5.26	4.96	-148.03	-294.12	-79.81	432.57	421.83	10.74	40.287		
1,400.00	1,383.40	1,336.00	1,325.85	5.58	5.23	-148.14	-305.94	-89.62	462.65	451.43	11.23	41.208		
1,500.00	1,481.18	1,431.37	1,419.97	5.92	5.51	-148.24	-317.76	-99.44	492.74	481.01	11.73	41.991		
1,600.00	1,578.96	1,526.73	1,514.09	6.26	5.81	-148.33	-329.58	-109.25	522.83	510.57	12.26	42.643		
1,700.00	1,676.74	1,622.09	1,608.21	6.62	6.10	-148.40	-341.40	-119.06	552.92	540.12	12.80	43.195		
1,800.00	1,774.52	1,717.45	1,702.32	6.82	6.38	-148.47	-353.22	-128.87	583.01	570.01	13.00	44.843		
1,900.00	1,872.30	1,812.82	1,796.44	6.87	6.53	-148.53	-365.04	-138.69	613.10	600.12	12.99	47.209		
2,000.00	1,970.07	1,908.18	1,890.56	6.95	6.57	-148.59	-376.86	-148.50	643.19	630.13	13.07	49.226		
2,100.00	2,067.85	2,003.54	1,984.68	7.06	6.64	-148.64	-388.68	-158.31	673.29	660.11	13.18	51.084		
2,200.00	2,165.63	2,098.91	2,078.79	7.19	6.72	-148.69	-400.50	-168.12	703.38	690.05	13.33	52.773		
2,300.00	2,263.41	2,194.27	2,172.91	7.33	6.82	-148.73	-412.32	-177.94	733.47	719.96	13.51	54.291		
2,400.00	2,361.19	2,289.63	2,267.03	7.50	6.93	-148.77	-424.14	-187.75	763.57	749.84	13.72	55.640		
2,500.00	2,458.97	2,385.00	2,361.15	7.69	7.07	-148.81	-435.96	-197.56	793.66	779.69	13.97	56.826		
2,600.00	2,556.74	2,480.36	2,455.27	7.90	7.22	-148.84	-447.77	-207.37	823.76	809.52	14.24	57.856		
2,700.00	2,654.52	2,575.72	2,549.38	8.12	7.38	-148.88	-459.59	-217.19	853.85	839.31	14.54	58.739		
2,800.00	2,752.30	2,671.09	2,643.50	8.36	7.56	-148.90	-471.41	-227.00	883.95	869.09	14.86	59.486		
2,900.00	2,850.08	2,766.45	2,737.62	8.61	7.75	-148.93	-483.23	-236.81	914.04	898.83	15.21	60.109		
3,000.00	2,947.86	2,861.81	2,831.74	8.88	7.95	-148.96	-495.05	-246.62	944.14	928.56	15.58	60.618		
3,100.00	3,045.64	2,957.17	2,925.85	9.15	8.17	-148.98	-506.87	-256.44	974.23	958.27	15.96	61.027		
3,200.00	3,143.41	3,052.54	3,019.97	9.44	8.39	-149.01	-518.69	-266.25	1,004.33	987.95	16.37	61.345		
3,300.00	3,241.19	3,147.90	3,114.09	9.74	8.62	-149.03	-530.51	-276.06	1,034.42	1,017.62	16.80	61.584		
3,400.00	3,338.97	3,243.26	3,208.21	10.04	8.86	-149.05	-542.33	-285.88	1,064.52	1,047.28	17.24	61.754		
3,500.00	3,436.75	3,338.63	3,302.32	10.35	9.11	-149.07	-554.15	-295.69	1,094.61	1,076.92	17.69	61.863		
3,600.00	3,534.53	3,433.99	3,396.44	10.67	9.37	-149.08	-565.97	-305.50	1,124.71	1,106.55	18.16	61.920		
3,700.00	3,632.31	3,529.35	3,490.56	11.00	9.64	-149.10	-577.79	-315.31	1,154.81	1,136.16	18.65	61.931		
3,800.00	3,730.08	3,624.72	3,584.68	11.33	9.91	-149.12	-589.61	-325.13	1,184.90	1,165.76	19.14	61.905		

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								
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	2.00	2.00	3.28	3.28	-140.25	-218.59	-181.82	284.32						
100.00	100.00	102.00	102.00	3.28	3.28	-140.25	-218.59	-181.82	284.32	276.80	7.53	37.772			
200.00	200.00	202.00	202.00	3.30	3.30	-140.25	-218.59	-181.82	284.32	276.76	7.57	37.563			
200.00	200.00	202.00	202.00	3.30	3.30	-140.25	-218.59	-181.82	284.32	276.76	7.57	37.563	CC, ES		
300.00	300.00	297.48	297.47	3.35	3.34	-109.69	-218.81	-182.15	284.88	277.23	7.65	37.235	SF		
400.00	399.93	388.62	388.56	3.41	3.39	-110.03	-220.45	-184.61	289.18	281.42	7.76	37.250			
500.00	499.68	479.28	479.04	3.50	3.46	-110.69	-223.68	-189.45	297.74	289.83	7.91	37.621			
600.00	599.13	569.18	568.52	3.62	3.55	-111.60	-228.45	-196.60	310.61	302.51	8.11	38.322			
700.00	698.15	658.01	656.64	3.76	3.67	-112.68	-234.68	-205.95	327.85	319.51	8.34	39.304			
800.00	796.63	745.51	743.04	3.93	3.81	-113.84	-242.31	-217.38	349.48	340.86	8.62	40.530			
900.00	894.51	831.49	827.50	4.14	3.99	-115.19	-251.22	-230.75	375.36	366.41	8.95	41.928			
1,000.00	992.29	916.26	910.27	4.39	4.19	-116.50	-261.38	-245.99	404.35	395.04	9.31	43.411			
1,100.00	1,090.07	999.79	991.26	4.66	4.43	-117.48	-272.72	-262.99	436.04	426.33	9.71	44.911			
1,200.00	1,187.85	1,085.19	1,073.44	4.95	4.72	-118.22	-285.60	-282.30	470.18	460.03	10.15	46.315			
1,300.00	1,285.63	1,178.77	1,163.30	5.26	5.07	-118.88	-300.09	-304.02	505.04	494.36	10.68	47.307			
1,400.00	1,383.40	1,272.35	1,253.17	5.58	5.44	-119.46	-314.57	-325.74	539.94	528.71	11.23	48.080			
1,500.00	1,481.18	1,365.93	1,343.03	5.92	5.84	-119.97	-329.06	-347.46	574.89	563.08	11.81	48.673			
1,600.00	1,578.96	1,459.51	1,432.90	6.26	6.25	-120.42	-343.55	-369.19	609.87	597.46	12.41	49.146			
1,700.00	1,676.74	1,553.09	1,522.76	6.62	6.68	-120.82	-358.03	-390.91	644.88	631.85	13.03	49.477			
1,800.00	1,774.52	1,646.67	1,612.62	6.82	7.11	-121.18	-372.52	-412.63	679.92	666.59	13.33	50.999			
1,900.00	1,872.30	1,740.25	1,702.49	6.87	7.47	-121.51	-387.00	-434.35	714.98	701.33	13.64	52.404			
2,000.00	1,970.07	1,833.83	1,792.35	6.95	7.66	-121.80	-401.49	-456.07	750.06	736.38	13.67	54.864			
2,100.00	2,067.85	1,927.41	1,882.22	7.06	7.75	-122.07	-415.97	-477.79	785.15	771.34	13.81	56.848			
2,200.00	2,165.63	2,020.99	1,972.08	7.19	7.87	-122.32	-430.46	-499.51	820.25	806.26	13.99	58.616			
2,300.00	2,263.41	2,114.57	2,061.94	7.33	8.02	-122.54	-444.95	-521.23	855.37	841.16	14.22	60.166			
2,400.00	2,361.19	2,208.15	2,151.81	7.50	8.20	-122.75	-459.43	-542.95	890.50	876.02	14.48	61.503			
2,500.00	2,458.97	2,301.73	2,241.67	7.69	8.41	-122.94	-473.92	-564.67	925.64	910.86	14.78	62.635			
2,600.00	2,556.74	2,404.69	2,331.54	7.90	8.67	-123.12	-488.40	-586.39	960.79	945.66	15.13	63.505			
2,700.00	2,654.52	2,488.88	2,421.40	8.12	8.90	-123.28	-502.89	-608.11	995.94	980.46	15.48	64.334			
2,800.00	2,752.30	2,582.46	2,511.26	8.36	9.18	-123.44	-517.37	-629.83	1,031.10	1,015.23	15.88	64.937			
2,900.00	2,850.08	2,676.04	2,601.13	8.61	9.48	-123.58	-531.86	-651.55	1,066.27	1,049.97	16.30	65.399			
3,000.00	2,947.86	2,769.62	2,690.99	8.88	9.79	-123.72	-546.34	-673.28	1,101.45	1,084.69	16.76	65.736			
3,100.00	3,045.64	2,863.20	2,780.86	9.15	10.12	-123.84	-560.83	-695.00	1,136.62	1,119.39	17.23	65.964			
3,200.00	3,143.41	2,956.78	2,870.72	9.44	10.47	-123.96	-575.32	-716.72	1,171.81	1,154.08	17.73	66.099			

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							
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	2.00	2.00	3.28	3.28	-137.56	-198.54	-181.54	269.03					
100.00	100.00	102.00	102.00	3.28	3.28	-137.56	-198.54	-181.54	269.03	261.50	7.53	35.740		
200.00	200.00	202.00	202.00	3.30	3.30	-137.56	-198.54	-181.54	269.03	261.46	7.57	35.542	CC	
200.02	200.02	202.02	202.02	3.30	3.30	-137.56	-198.54	-181.54	269.03	261.46	7.57	35.542	ES	
300.00	300.00	297.76	297.76	3.35	3.34	-107.00	-198.73	-181.89	269.57	261.91	7.65	35.232	SF	
400.00	399.93	389.46	389.40	3.41	3.39	-107.36	-200.15	-184.53	273.68	265.91	7.76	35.249		
500.00	499.68	480.72	480.47	3.50	3.47	-108.04	-202.94	-189.72	281.87	273.95	7.92	35.608		
600.00	599.13	571.27	570.60	3.62	3.56	-108.97	-207.07	-197.39	294.19	286.09	8.11	36.282		
700.00	698.15	660.84	659.44	3.76	3.68	-110.08	-212.48	-207.44	310.70	302.35	8.35	37.227		
800.00	796.63	749.18	746.66	3.93	3.82	-111.28	-219.11	-219.74	331.42	322.79	8.63	38.398		
900.00	894.51	836.11	832.03	4.14	4.00	-112.66	-226.87	-234.15	356.25	347.28	8.97	39.729		
1,000.00	992.29	921.91	915.77	4.39	4.21	-113.96	-235.73	-250.60	384.12	374.78	9.34	41.135		
1,100.00	1,090.07	1,006.55	997.79	4.66	4.46	-114.90	-245.63	-268.99	414.65	404.91	9.74	42.556		
1,200.00	1,187.85	1,096.31	1,084.20	4.95	4.76	-115.63	-257.15	-290.38	447.31	437.09	10.22	43.779		
1,300.00	1,285.63	1,190.60	1,174.90	5.26	5.11	-116.27	-269.35	-313.06	480.25	469.50	10.75	44.661		
1,400.00	1,383.40	1,284.89	1,265.61	5.58	5.49	-116.83	-281.56	-335.73	513.24	501.92	11.32	45.338		
1,500.00	1,481.18	1,379.18	1,356.31	5.92	5.89	-117.33	-293.77	-358.41	546.26	534.35	11.91	45.853		
1,600.00	1,578.96	1,473.47	1,447.02	6.26	6.30	-117.77	-305.98	-381.08	579.32	566.79	12.53	46.246		
1,700.00	1,676.74	1,567.76	1,537.72	6.62	6.73	-118.16	-318.19	-403.76	612.40	599.24	13.16	46.524		
1,800.00	1,774.52	1,662.05	1,628.43	6.82	7.16	-118.51	-330.40	-426.43	645.51	632.04	13.47	47.922		
1,900.00	1,872.30	1,756.35	1,719.14	6.87	7.49	-118.82	-342.61	-449.11	678.64	664.87	13.76	49.311		
2,000.00	1,970.07	1,850.64	1,809.84	6.95	7.65	-119.11	-354.82	-471.78	711.78	698.01	13.77	51.688		
2,100.00	2,067.85	1,944.93	1,900.55	7.06	7.74	-119.37	-367.03	-494.46	744.94	731.02	13.92	53.517		
2,200.00	2,165.63	2,039.22	1,991.25	7.19	7.86	-119.61	-379.23	-517.13	778.11	764.00	14.11	55.140		
2,300.00	2,263.41	2,133.51	2,081.96	7.33	8.02	-119.83	-391.44	-539.81	811.29	796.94	14.34	56.557		
2,400.00	2,361.19	2,227.80	2,172.66	7.50	8.20	-120.03	-403.65	-562.48	844.48	829.86	14.62	57.772		
2,500.00	2,458.97	2,322.09	2,263.37	7.69	8.41	-120.22	-415.86	-585.15	877.68	862.75	14.93	58.796		
2,600.00	2,556.74	2,416.38	2,354.08	7.90	8.65	-120.40	-428.07	-607.83	910.89	895.61	15.27	59.641		
2,700.00	2,654.52	2,510.67	2,444.78	8.12	8.90	-120.56	-440.28	-630.50	944.10	928.45	15.65	60.322		
2,800.00	2,752.30	2,604.96	2,535.49	8.36	9.18	-120.71	-452.49	-653.18	977.32	961.26	16.06	60.855		
2,900.00	2,850.08	2,700.75	2,626.19	8.61	9.49	-120.85	-464.70	-675.85	1,010.55	994.05	16.50	61.245		
3,000.00	2,947.86	2,806.46	2,716.90	8.88	9.84	-120.98	-476.91	-698.53	1,043.78	1,026.79	16.99	61.427		
3,100.00	3,045.64	2,887.83	2,807.60	9.15	10.13	-121.10	-489.11	-721.20	1,077.02	1,059.57	17.45	61.727		
3,200.00	3,143.41	2,982.12	2,898.31	9.44	10.48	-121.22	-501.32	-743.88	1,110.26	1,092.30	17.96	61.827		
3,300.00	3,241.19	3,076.41	2,989.01	9.74	10.83	-121.33	-513.53	-766.55	1,143.50	1,125.01	18.49	61.855		
3,400.00	3,338.97	3,170.70	3,079.72	10.04	11.21	-121.43	-525.74	-789.23	1,176.75	1,157.71	19.03	61.822		

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				Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			Minimum Separation (usft)	
0.00	0.00	3.00	3.00	3.28	3.28	-118.65	-98.72	-180.71	205.92					
100.00	100.00	103.00	103.00	3.28	3.28	-118.65	-98.72	-180.71	205.92	198.39	7.53	27.355		
200.00	200.00	203.00	203.00	3.30	3.30	-118.65	-98.72	-180.71	205.92	198.35	7.57	27.203		
252.00	252.00	255.00	255.00	3.32	3.32	-88.11	-98.72	-180.71	205.91	198.30	7.61	27.060	CC, ES	
300.00	300.00	300.04	300.04	3.35	3.34	-88.09	-98.68	-181.14	206.28	198.63	7.65	26.954		
400.00	399.93	394.38	394.32	3.41	3.40	-88.44	-98.34	-184.32	208.96	201.19	7.77	26.891		
500.00	499.68	488.54	488.26	3.50	3.48	-89.12	-97.69	-190.58	214.26	206.33	7.93	27.029		
600.00	599.13	582.37	581.63	3.62	3.58	-90.09	-96.71	-199.86	222.22	214.10	8.13	27.346		
700.00	698.15	675.77	674.21	3.76	3.71	-91.26	-95.42	-212.11	232.91	224.53	8.37	27.812		
800.00	796.63	768.62	765.80	3.93	3.87	-92.57	-93.83	-227.27	246.36	237.68	8.68	28.385		
900.00	894.51	860.84	856.22	4.14	4.07	-94.02	-91.94	-245.23	262.60	253.55	9.05	29.026		
1,000.00	992.29	954.11	947.07	4.39	4.30	-95.17	-89.73	-266.23	281.31	271.84	9.48	29.683		
1,100.00	1,090.07	1,052.09	1,042.30	4.66	4.59	-96.11	-87.33	-289.14	300.78	290.79	9.99	30.122		
1,200.00	1,187.85	1,150.07	1,137.53	4.95	4.91	-96.93	-84.92	-312.05	320.31	309.77	10.54	30.401		
1,300.00	1,285.63	1,248.04	1,232.76	5.26	5.25	-97.66	-82.51	-334.97	339.90	328.78	11.13	30.553		
1,400.00	1,383.40	1,346.02	1,327.98	5.58	5.60	-98.31	-80.10	-357.88	359.54	347.79	11.75	30.608		
1,500.00	1,481.18	1,443.99	1,423.21	5.92	5.97	-98.90	-77.69	-380.79	379.21	366.82	12.39	30.610		
1,600.00	1,578.96	1,541.97	1,518.44	6.26	6.36	-99.42	-75.28	-403.70	398.92	385.87	13.06	30.552		
1,700.00	1,676.74	1,639.94	1,613.67	6.62	6.75	-99.90	-72.88	-426.61	418.66	404.92	13.74	30.462		
1,800.00	1,774.52	1,737.92	1,708.90	6.82	7.09	-100.33	-70.47	-449.53	438.43	424.41	14.02	31.271		
1,900.00	1,872.30	1,835.89	1,804.13	6.87	7.25	-100.73	-68.06	-472.44	458.22	444.17	14.05	32.619		
2,000.00	1,970.07	1,933.87	1,899.35	6.95	7.33	-101.09	-65.65	-495.35	478.02	463.83	14.19	33.689		
2,100.00	2,067.85	2,031.85	1,994.58	7.06	7.43	-101.43	-63.24	-518.26	497.85	483.47	14.38	34.625		
2,200.00	2,165.63	2,129.82	2,089.81	7.19	7.56	-101.74	-60.83	-541.17	517.69	503.07	14.61	35.427		
2,300.00	2,263.41	2,227.80	2,185.04	7.33	7.72	-102.02	-58.43	-564.09	537.54	522.65	14.89	36.100		
2,400.00	2,361.19	2,325.77	2,280.27	7.50	7.90	-102.29	-56.02	-587.00	557.40	542.19	15.21	36.649		
2,500.00	2,458.97	2,423.75	2,375.50	7.69	8.11	-102.54	-53.61	-609.91	577.28	561.71	15.57	37.084		
2,600.00	2,556.74	2,521.72	2,470.73	7.90	8.33	-102.77	-51.20	-632.82	597.16	581.20	15.96	37.416		
2,700.00	2,654.52	2,619.70	2,565.95	8.12	8.58	-102.98	-48.79	-655.73	617.06	600.67	16.39	37.656		
2,800.00	2,752.30	2,717.67	2,661.18	8.36	8.84	-103.19	-46.38	-678.65	636.96	620.11	16.84	37.815		
2,900.00	2,850.08	2,815.65	2,756.41	8.61	9.12	-103.38	-43.98	-701.56	656.87	639.54	17.33	37.903		
3,000.00	2,947.86	2,913.63	2,851.64	8.88	9.42	-103.56	-41.57	-724.47	676.78	658.94	17.84	37.932		
3,100.00	3,045.64	3,011.60	2,946.87	9.15	9.72	-103.73	-39.16	-747.38	696.70	678.33	18.38	37.910		
3,200.00	3,143.41	3,109.58	3,042.10	9.44	10.04	-103.89	-36.75	-770.29	716.63	697.70	18.94	37.846		
3,300.00	3,241.19	3,207.55	3,137.32	9.74	10.38	-104.04	-34.34	-793.21	736.56	717.05	19.51	37.748		
3,400.00	3,338.97	3,305.53	3,232.55	10.04	10.72	-104.18	-31.94	-816.12	756.50	736.39	20.11	37.621		
3,500.00	3,436.75	3,403.50	3,327.78	10.35	11.07	-104.32	-29.53	-839.03	776.44	755.72	20.72	37.472		
3,600.00	3,534.53	3,501.48	3,423.01	10.67	11.43	-104.44	-27.12	-861.94	796.38	775.04	21.35	37.306		
3,700.00	3,632.31	3,600.55	3,518.24	11.00	11.80	-104.57	-24.71	-884.85	816.33	794.34	21.99	37.119		
3,800.00	3,730.08	3,702.57	3,613.47	11.33	12.19	-104.68	-22.30	-907.77	836.28	813.62	22.66	36.907		
3,900.00	3,827.86	3,804.60	3,708.69	11.67	12.58	-104.79	-19.89	-930.68	856.24	832.90	23.34	36.687		
4,000.00	3,925.64	3,906.62	3,803.92	12.02	12.99	-104.90	-17.49	-953.59	876.20	852.17	24.03	36.464		
4,100.00	4,023.42	4,008.64	3,899.15	12.36	13.39	-105.00	-15.08	-976.50	896.16	871.43	24.73	36.238		
4,200.00	4,121.20	4,089.33	3,994.38	12.72	13.72	-105.10	-12.67	-999.41	916.12	890.76	25.36	36.120		
4,300.00	4,218.98	4,187.31	4,089.61	13.07	14.12	-105.19	-10.26	-1,022.33	936.09	910.02	26.07	35.912		
4,400.00	4,316.75	4,285.28	4,184.84	13.43	14.52	-105.28	-7.85	-1,045.24	956.05	929.28	26.78	35.706		
4,500.00	4,414.53	4,383.26	4,280.07	13.80	14.93	-105.37	-5.44	-1,068.15	976.02	948.53	27.49	35.501		
4,600.00	4,512.31	4,481.23	4,375.29	14.16	15.34	-105.45	-3.04	-1,091.06	996.00	967.78	28.22	35.298		
4,700.00	4,610.09	4,579.21	4,470.52	14.53	15.76	-105.53	-0.63	-1,113.97	1,015.97	987.02	28.95	35.099		
4,800.00	4,707.87	4,677.19	4,565.75	14.90	16.17	-105.60	1.78	-1,136.89	1,035.95	1,006.26	29.68	34.903		
4,900.00	4,805.65	4,775.16	4,660.98	15.28	16.59	-105.68	4.19	-1,159.80	1,055.92	1,025.50	30.42	34.710		
5,000.00	4,903.42	4,873.14	4,756.21	15.65	17.01	-105.75	6.60	-1,182.71	1,075.90	1,044.74	31.17	34.522		
5,100.00	5,001.20	4,971.11	4,851.44	16.03	17.44	-105.81	9.01	-1,205.62	1,095.88	1,063.97	31.92	34.337		
5,200.00	5,098.98	5,069.09	4,946.66	16.41	17.86	-105.88	11.41	-1,228.53	1,115.86	1,083.20	32.67	34.157		
5,300.00	5,196.76	5,167.06	5,041.89	16.79	18.29	-105.94	13.82	-1,251.44	1,135.85	1,102.42	33.43	33.981		
5,400.00	5,294.54	5,265.04	5,137.12	17.18	18.72	-106.00	16.23	-1,274.36	1,155.83	1,121.65	34.19	33.810		
5,500.00	5,392.32	5,363.01	5,232.35	17.56	19.16	-106.06	18.64	-1,297.27	1,175.82	1,140.87	34.95	33.642		
5,600.00	5,490.09	5,460.99	5,327.58	17.95	19.59	-106.12	21.05	-1,320.18	1,195.80	1,160.09	35.72	33.479		
6,800.00	6,652.07	7,924.81	7,171.90	22.91	34.61	-117.94	66.19	-726.06	1,178.32	1,126.50	51.82	22.737		
6,900.00	6,734.32	7,871.78	7,170.83	23.59	33.60	-113.32	66.24	-779.08	1,157.98	1,105.47	52.51	22.053		
7,000.00	6,807.15	7,806.15	7,169.49	24.42	32.40	-109.48	66.30	-844.69	1,144.67	1,091.72	52.95	21.618		
7,100.00	6,868.78	7,729.55	7,167.94	25.42	31.13	-106.07	66.37	-921.28	1,136.94	1,083.62	53.32	21.323		
7,200.00	6,917.68	7,623.65	7,163.03	26.62	29.51	-102.57	66.40	-1,027.02	1,132.73	1,079.18	53.55	21.151		
7,300.00	6,952.66	7,503.76	7,138.34	28.05	27.92	-99.00	65.95	-1,144.15	1,128.58	1,074.53	54.05	20.881		
7,400.00	6,972.84	7,398.38	7,098.85	29.69	26.82	-96.04	65.11	-1,241.73	1,124.46	1,069.47	54.99	20.448		
7,500.00	6,977.95	7,303.77	7,050.13	31.48	26.07	-93.55	64.01	-1,322.71	1,120.64	1,064.44	56.20	19.939		

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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
7,600.00	6,977.70	7,223.32	6,999.64	33.43	25.62	-90.97	62.84	-1,385.27	1,118.81	1,061.23	57.58	19.429	
7,600.55	6,977.70	7,222.92	6,999.37	33.44	25.62	-90.96	62.84	-1,385.56	1,118.81	1,061.22	57.59	19.427	
7,700.00	6,977.44	7,157.89	6,953.02	35.52	25.35	-88.59	61.75	-1,431.12	1,121.10	1,062.13	58.96	19.014	
7,800.00	6,977.19	7,104.69	6,911.80	37.74	25.19	-86.49	60.77	-1,464.72	1,128.74	1,068.51	60.24	18.738	
7,900.00	6,976.94	7,061.15	6,876.08	40.06	25.10	-84.68	59.91	-1,489.58	1,142.57	1,081.23	61.34	18.627 SF	
8,000.00	6,976.68	7,025.17	6,845.33	42.47	25.04	-83.13	59.17	-1,508.25	1,162.98	1,100.75	62.23	18.690	
8,100.00	6,976.43	7,000.00	6,823.22	44.95	25.00	-82.03	58.64	-1,520.25	1,190.10	1,127.21	62.89	18.924	

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	-127.37	-138.44	-181.26	228.08					
100.00	100.00	103.00	103.00	3.28	3.28	-127.37	-138.44	-181.26	228.08	220.55	7.53	30.300		
200.00	200.00	203.00	203.00	3.30	3.30	-127.37	-138.44	-181.26	228.08	220.51	7.57	30.131	CC	
204.09	204.09	207.09	207.09	3.30	3.30	-96.77	-138.44	-181.26	228.08	220.51	7.57	30.121	ES	
300.00	300.00	299.64	299.64	3.35	3.34	-96.81	-138.48	-181.69	228.52	220.87	7.65	29.862		
400.00	399.93	393.20	393.15	3.41	3.40	-97.13	-138.78	-184.83	231.80	224.03	7.77	29.837	SF	
500.00	499.68	486.50	486.23	3.50	3.48	-97.76	-139.37	-190.97	238.29	230.36	7.92	30.069		
600.00	599.13	579.35	578.63	3.62	3.58	-98.65	-140.25	-200.09	248.03	239.91	8.12	30.535		
700.00	698.15	671.59	670.07	3.76	3.70	-99.71	-141.40	-212.09	261.07	252.70	8.37	31.195		
800.00	796.63	763.05	760.31	3.93	3.86	-100.87	-142.83	-226.87	277.44	268.77	8.67	32.001		
900.00	894.51	853.62	849.17	4.14	4.05	-102.19	-144.51	-244.33	297.08	288.06	9.03	32.901		
1,000.00	992.29	943.45	936.70	4.39	4.28	-103.28	-146.44	-264.40	319.41	309.97	9.44	33.844		
1,100.00	1,090.07	1,038.19	1,028.50	4.66	4.56	-104.04	-148.69	-287.71	343.55	333.63	9.92	34.624		
1,200.00	1,187.85	1,135.12	1,122.39	4.95	4.88	-104.70	-150.99	-311.67	367.84	357.38	10.46	35.158		
1,300.00	1,285.63	1,232.04	1,216.27	5.26	5.23	-105.28	-153.30	-335.63	392.17	381.13	11.04	35.522		
1,400.00	1,383.40	1,328.96	1,310.16	5.58	5.60	-105.79	-155.61	-359.59	416.54	404.89	11.65	35.751		
1,500.00	1,481.18	1,425.89	1,404.05	5.92	5.99	-106.25	-157.91	-383.55	440.93	428.65	12.28	35.896		
1,600.00	1,578.96	1,522.81	1,497.93	6.26	6.38	-106.65	-160.22	-407.51	465.34	452.40	12.94	35.957		
1,700.00	1,676.74	1,619.73	1,591.82	6.62	6.80	-107.02	-162.53	-431.47	489.78	476.16	13.62	35.964		
1,800.00	1,774.52	1,716.66	1,685.71	6.82	7.18	-107.35	-164.83	-455.43	514.23	500.31	13.93	36.928		
1,900.00	1,872.30	1,813.58	1,779.59	6.87	7.39	-107.66	-167.14	-479.39	538.70	524.72	13.98	38.532		
2,000.00	1,970.07	1,910.50	1,873.48	6.95	7.47	-107.93	-169.45	-503.35	563.18	549.07	14.11	39.909		
2,100.00	2,067.85	2,007.42	1,967.37	7.06	7.57	-108.18	-171.75	-527.31	587.67	573.38	14.29	41.125		
2,200.00	2,165.63	2,104.35	2,061.25	7.19	7.70	-108.42	-174.06	-551.27	612.17	597.66	14.51	42.180		
2,300.00	2,263.41	2,201.27	2,155.14	7.33	7.86	-108.63	-176.37	-575.23	636.68	621.90	14.78	43.076		
2,400.00	2,361.19	2,301.81	2,249.03	7.50	8.06	-108.83	-178.68	-599.19	661.20	646.10	15.09	43.805		
2,500.00	2,458.97	2,395.12	2,342.91	7.69	8.26	-109.01	-180.98	-623.15	685.72	670.29	15.44	44.424		
2,600.00	2,556.74	2,507.96	2,436.80	7.90	8.54	-109.19	-183.29	-647.11	710.25	694.40	15.85	44.809		
2,700.00	2,654.52	2,588.96	2,530.69	8.12	8.75	-109.35	-185.60	-671.07	734.79	718.55	16.24	45.259		
2,800.00	2,752.30	2,685.89	2,624.57	8.36	9.02	-109.50	-187.90	-695.03	759.33	742.65	16.68	45.516		
2,900.00	2,850.08	2,782.81	2,718.46	8.61	9.32	-109.64	-190.21	-718.99	783.88	766.72	17.16	45.684		
3,000.00	2,947.86	2,879.73	2,812.35	8.88	9.62	-109.77	-192.52	-742.95	808.43	790.77	17.66	45.776		
3,100.00	3,045.64	2,976.66	2,906.23	9.15	9.94	-109.89	-194.82	-766.91	832.98	814.79	18.19	45.802		
3,200.00	3,143.41	3,073.58	3,000.12	9.44	10.28	-110.01	-197.13	-790.87	857.54	838.80	18.73	45.774		
3,300.00	3,241.19	3,170.50	3,094.01	9.74	10.62	-110.12	-199.44	-814.83	882.10	862.80	19.30	45.699		
3,400.00	3,338.97	3,267.43	3,187.89	10.04	10.98	-110.23	-201.75	-838.80	906.66	886.77	19.89	45.588		
3,500.00	3,436.75	3,364.35	3,281.78	10.35	11.34	-110.33	-204.05	-862.76	931.23	910.74	20.49	45.446		
3,600.00	3,534.53	3,461.27	3,375.67	10.67	11.72	-110.42	-206.36	-886.72	955.80	934.69	21.11	45.279		
3,700.00	3,632.31	3,558.20	3,469.55	11.00	12.10	-110.51	-208.67	-910.68	980.37	958.63	21.74	45.093		
3,800.00	3,730.08	3,655.12	3,563.44	11.33	12.49	-110.59	-210.97	-934.64	1,004.94	982.56	22.39	44.892		
3,900.00	3,827.86	3,752.04	3,657.33	11.67	12.88	-110.67	-213.28	-958.60	1,029.52	1,006.47	23.04	44.680		
4,000.00	3,925.64	3,848.97	3,751.21	12.02	13.29	-110.75	-215.59	-982.56	1,054.09	1,030.38	23.71	44.460		
4,100.00	4,023.42	3,945.89	3,845.10	12.36	13.69	-110.83	-217.89	-1,006.52	1,078.67	1,054.29	24.39	44.234		
4,200.00	4,121.20	4,042.81	3,938.99	12.72	14.11	-110.90	-220.20	-1,030.48	1,103.25	1,078.18	25.07	44.004		
4,300.00	4,218.98	4,139.74	4,032.87	13.07	14.52	-110.96	-222.51	-1,054.44	1,127.83	1,102.07	25.77	43.773		
4,400.00	4,316.75	4,236.66	4,126.76	13.43	14.94	-111.03	-224.81	-1,078.40	1,152.42	1,125.95	26.47	43.542		
4,500.00	4,414.53	4,333.58	4,220.65	13.80	15.37	-111.09	-227.12	-1,102.36	1,177.00	1,149.83	27.18	43.311		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-123.19	-118.40	-180.98	216.27					
100.00	100.00	103.00	103.00	3.28	3.28	-123.19	-118.40	-180.98	216.27	208.75	7.53	28.731		
200.00	200.00	203.00	203.00	3.30	3.30	-123.19	-118.40	-180.98	216.27	208.70	7.57	28.571	CC	
203.77	203.77	206.77	206.77	3.30	3.30	-92.59	-118.40	-180.98	216.27	208.70	7.57	28.562	ES	
300.00	300.00	299.80	299.80	3.35	3.34	-92.63	-118.41	-181.42	216.68	209.03	7.65	28.314		
400.00	399.93	393.69	393.63	3.41	3.40	-92.99	-118.48	-184.59	219.72	211.95	7.77	28.280	SF	
500.00	499.68	487.33	487.06	3.50	3.48	-93.68	-118.62	-190.81	225.72	217.80	7.93	28.482		
600.00	599.13	580.58	579.85	3.62	3.58	-94.65	-118.83	-200.03	234.75	226.62	8.12	28.898		
700.00	698.15	673.28	671.74	3.76	3.70	-95.82	-119.11	-212.19	246.85	238.48	8.37	29.493		
800.00	796.63	765.29	762.52	3.93	3.86	-97.11	-119.45	-227.19	262.07	253.40	8.67	30.223		
900.00	894.51	856.51	851.99	4.14	4.06	-98.55	-119.85	-244.93	280.40	271.36	9.03	31.039		
1,000.00	992.29	953.19	939.96	4.39	4.30	-99.71	-120.31	-265.29	301.39	291.93	9.46	31.863		
1,100.00	1,090.07	1,044.17	1,034.42	4.66	4.57	-100.61	-120.85	-288.83	323.73	313.78	9.95	32.549		
1,200.00	1,187.85	1,141.52	1,128.89	4.95	4.89	-101.39	-121.38	-312.38	346.14	335.65	10.49	32.996		
1,300.00	1,285.63	1,238.88	1,223.35	5.26	5.24	-102.08	-121.92	-335.93	368.60	357.52	11.07	33.292		
1,400.00	1,383.40	1,336.23	1,317.81	5.58	5.60	-102.69	-122.45	-359.47	391.10	379.41	11.69	33.467		
1,500.00	1,481.18	1,433.59	1,412.28	5.92	5.98	-103.23	-122.98	-383.02	413.64	401.32	12.32	33.571		
1,600.00	1,578.96	1,530.94	1,506.74	6.26	6.37	-103.72	-123.52	-406.57	436.21	423.23	12.98	33.599		
1,700.00	1,676.74	1,628.30	1,601.21	6.62	6.77	-104.15	-124.05	-430.11	458.81	445.15	13.66	33.581		
1,800.00	1,774.52	1,725.65	1,695.67	6.82	7.14	-104.55	-124.59	-453.66	481.44	467.48	13.96	34.498		
1,900.00	1,872.30	1,823.01	1,790.13	6.87	7.33	-104.91	-125.12	-477.21	504.08	490.08	14.00	36.010		
2,000.00	1,970.07	1,920.37	1,884.60	6.95	7.40	-105.24	-125.65	-500.75	526.74	512.61	14.13	37.268		
2,100.00	2,067.85	2,017.72	1,979.06	7.06	7.51	-105.55	-126.19	-524.30	549.42	535.10	14.32	38.377		
2,200.00	2,165.63	2,115.08	2,073.52	7.19	7.64	-105.82	-126.72	-547.84	572.11	557.56	14.54	39.336		
2,300.00	2,263.41	2,212.43	2,167.99	7.33	7.80	-106.08	-127.26	-571.39	594.81	579.99	14.81	40.149		
2,400.00	2,361.19	2,309.79	2,262.45	7.50	7.98	-106.32	-127.79	-594.94	617.52	602.39	15.13	40.823		
2,500.00	2,458.97	2,407.14	2,356.92	7.69	8.19	-106.54	-128.33	-618.48	640.24	624.76	15.48	41.367		
2,600.00	2,556.74	2,504.50	2,451.38	7.90	8.42	-106.75	-128.86	-642.03	662.97	647.11	15.86	41.795		
2,700.00	2,654.52	2,601.86	2,545.84	8.12	8.67	-106.94	-129.39	-665.58	685.71	669.42	16.28	42.112		
2,800.00	2,752.30	2,700.79	2,640.31	8.36	8.94	-107.12	-129.93	-689.12	708.45	691.71	16.74	42.328		
2,900.00	2,850.08	2,803.43	2,734.77	8.61	9.24	-107.29	-130.46	-712.67	731.20	713.97	17.23	42.438		
3,000.00	2,947.86	2,906.08	2,829.23	8.88	9.56	-107.45	-131.00	-736.22	753.96	736.21	17.75	42.477		
3,100.00	3,045.64	3,008.72	2,923.70	9.15	9.89	-107.60	-131.53	-759.76	776.72	758.42	18.30	42.455		
3,200.00	3,143.41	3,088.63	3,018.16	9.44	10.16	-107.74	-132.06	-783.31	799.48	780.69	18.80	42.530		
3,300.00	3,241.19	3,185.99	3,112.63	9.74	10.50	-107.88	-132.60	-806.85	822.26	802.89	19.37	42.452		
3,400.00	3,338.97	3,283.34	3,207.09	10.04	10.85	-108.00	-133.13	-830.40	845.03	825.07	19.96	42.340		
3,500.00	3,436.75	3,380.70	3,301.55	10.35	11.21	-108.12	-133.67	-853.95	867.81	847.24	20.56	42.201		
3,600.00	3,534.53	3,478.06	3,396.02	10.67	11.58	-108.24	-134.20	-877.49	890.59	869.40	21.18	42.040		
3,700.00	3,632.31	3,575.41	3,490.48	11.00	11.95	-108.34	-134.74	-901.04	913.37	891.55	21.82	41.861		
3,800.00	3,730.08	3,672.77	3,584.94	11.33	12.33	-108.45	-135.27	-924.59	936.16	913.70	22.47	41.669		
3,900.00	3,827.86	3,770.12	3,679.41	11.67	12.72	-108.55	-135.80	-948.13	958.95	935.83	23.13	41.467		
4,000.00	3,925.64	3,867.48	3,773.87	12.02	13.11	-108.64	-136.34	-971.68	981.74	957.95	23.79	41.259		
4,100.00	4,023.42	3,964.83	3,868.34	12.36	13.51	-108.73	-136.87	-995.23	1,004.54	980.07	24.47	41.045		
4,200.00	4,121.20	4,062.19	3,962.80	12.72	13.92	-108.81	-137.41	-1,018.77	1,027.34	1,002.18	25.16	40.828		
4,300.00	4,218.98	4,159.55	4,057.26	13.07	14.33	-108.89	-137.94	-1,042.32	1,050.14	1,024.28	25.86	40.610		
4,400.00	4,316.75	4,256.90	4,151.73	13.43	14.74	-108.97	-138.47	-1,065.87	1,072.94	1,046.38	26.56	40.392		
4,500.00	4,414.53	4,354.26	4,246.19	13.80	15.16	-109.05	-139.01	-1,089.41	1,095.74	1,068.47	27.27	40.175		
4,600.00	4,512.31	4,451.61	4,340.66	14.16	15.58	-109.12	-139.54	-1,112.96	1,118.55	1,090.55	27.99	39.960		
4,700.00	4,610.09	4,548.97	4,435.12	14.53	16.00	-109.19	-140.08	-1,136.50	1,141.35	1,112.64	28.72	39.748		
4,800.00	4,707.87	4,646.32	4,529.58	14.90	16.42	-109.25	-140.61	-1,160.05	1,164.16	1,134.72	29.44	39.538		
4,900.00	4,805.65	4,743.68	4,624.05	15.28	16.85	-109.32	-141.15	-1,183.60	1,186.97	1,156.79	30.18	39.332		

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	-113.53	-78.69	-180.71	197.10					
100.00	100.00	103.00	103.00	3.28	3.28	-113.53	-78.69	-180.71	197.10	189.57	7.53	26.183		
200.00	200.00	203.00	203.00	3.30	3.30	-113.53	-78.69	-180.71	197.10	189.53	7.57	26.038		
251.66	251.66	254.66	254.66	3.32	3.32	-83.00	-78.69	-180.71	197.07	189.46	7.61	25.899	CC, ES	
300.00	300.00	300.26	300.26	3.35	3.34	-82.97	-78.58	-181.13	197.41	189.76	7.65	25.794		
400.00	399.93	395.05	394.99	3.41	3.40	-83.30	-77.79	-184.26	199.68	191.91	7.77	25.693		
500.00	499.68	489.69	489.41	3.50	3.48	-83.95	-76.23	-190.42	204.17	196.24	7.93	25.748		
600.00	599.13	584.11	583.35	3.62	3.59	-84.88	-73.92	-199.57	210.90	202.77	8.13	25.942		
700.00	698.15	678.20	676.61	3.76	3.72	-86.02	-70.86	-211.67	219.94	211.56	8.38	26.248		
800.00	796.63	771.89	769.01	3.93	3.88	-87.31	-67.06	-226.66	231.33	222.64	8.69	26.629		
900.00	894.51	865.12	860.40	4.14	4.08	-88.73	-62.55	-244.48	245.12	236.06	9.06	27.061		
1,000.00	992.29	957.91	950.73	4.39	4.31	-89.76	-57.34	-265.07	261.31	251.82	9.49	27.538		
1,100.00	1,090.07	1,055.86	1,045.65	4.66	4.61	-90.45	-51.41	-288.51	278.85	268.84	10.00	27.872		
1,200.00	1,187.85	1,154.26	1,140.99	4.95	4.94	-91.06	-45.45	-312.08	296.43	285.86	10.57	28.049		
1,300.00	1,285.63	1,252.66	1,236.34	5.26	5.29	-91.60	-39.49	-335.64	314.03	302.86	11.17	28.114		
1,400.00	1,383.40	1,351.05	1,331.69	5.58	5.66	-92.09	-33.53	-359.20	331.66	319.85	11.81	28.089		
1,500.00	1,481.18	1,449.45	1,427.04	5.92	6.04	-92.52	-27.56	-382.76	349.31	336.85	12.47	28.023		
1,600.00	1,578.96	1,547.85	1,522.39	6.26	6.44	-92.92	-21.60	-406.32	366.98	353.83	13.15	27.906		
1,700.00	1,676.74	1,646.24	1,617.74	6.62	6.85	-93.27	-15.64	-429.88	384.66	370.81	13.85	27.764		
1,800.00	1,774.52	1,744.64	1,713.08	6.82	7.19	-93.60	-9.68	-453.44	402.36	388.23	14.13	28.469		
1,900.00	1,872.30	1,843.04	1,808.43	6.87	7.35	-93.90	-3.71	-477.00	420.07	405.91	14.16	29.671		
2,000.00	1,970.07	1,941.43	1,903.78	6.95	7.43	-94.17	2.25	-500.57	437.79	423.48	14.31	30.600		
2,100.00	2,067.85	2,039.83	1,999.13	7.06	7.55	-94.43	8.21	-524.13	455.51	441.01	14.50	31.404		
2,200.00	2,165.63	2,138.23	2,094.48	7.19	7.69	-94.66	14.17	-547.69	473.25	458.50	14.75	32.085		
2,300.00	2,263.41	2,236.63	2,189.83	7.33	7.86	-94.88	20.13	-571.25	490.99	475.95	15.04	32.645		
2,400.00	2,361.19	2,335.02	2,285.17	7.50	8.05	-95.08	26.10	-594.81	508.74	493.37	15.37	33.094		
2,500.00	2,458.97	2,433.42	2,380.52	7.69	8.27	-95.27	32.06	-618.37	526.49	510.75	15.74	33.439		
2,600.00	2,556.74	2,531.82	2,475.87	7.90	8.51	-95.44	38.02	-641.93	544.25	528.10	16.15	33.692		
2,700.00	2,654.52	2,630.21	2,571.22	8.12	8.77	-95.61	43.98	-665.50	562.02	545.42	16.60	33.862		
2,800.00	2,752.30	2,728.61	2,666.57	8.36	9.05	-95.76	49.94	-689.06	579.79	562.71	17.07	33.961		
2,900.00	2,850.08	2,827.01	2,761.92	8.61	9.35	-95.91	55.91	-712.62	597.56	579.98	17.58	33.998		
3,000.00	2,947.86	2,925.41	2,857.26	8.88	9.66	-96.04	61.87	-736.18	615.33	597.23	18.11	33.984		
3,100.00	3,045.64	3,023.80	2,952.61	9.15	9.99	-96.17	67.83	-759.74	633.11	614.45	18.66	33.927		
3,200.00	3,143.41	3,122.20	3,047.96	9.44	10.32	-96.30	73.79	-783.30	650.90	631.66	19.24	33.834		
3,300.00	3,241.19	3,220.60	3,143.31	9.74	10.67	-96.41	79.76	-806.86	668.68	648.85	19.83	33.713		
3,400.00	3,338.97	3,318.99	3,238.66	10.04	11.03	-96.52	85.72	-830.42	686.47	666.02	20.45	33.569		
3,500.00	3,436.75	3,417.39	3,334.01	10.35	11.40	-96.63	91.68	-853.99	704.26	683.18	21.08	33.407		
3,600.00	3,534.53	3,515.79	3,429.35	10.67	11.78	-96.73	97.64	-877.55	722.05	700.32	21.73	33.231		
3,700.00	3,632.31	3,614.18	3,524.70	11.00	12.16	-96.82	103.60	-901.11	739.84	717.45	22.39	33.045		
3,800.00	3,730.08	3,712.58	3,620.05	11.33	12.55	-96.91	109.57	-924.67	757.64	734.58	23.06	32.851		
3,900.00	3,827.86	3,810.98	3,715.40	11.67	12.95	-97.00	115.53	-948.23	775.44	751.69	23.75	32.653		
4,000.00	3,925.64	3,909.38	3,810.75	12.02	13.36	-97.08	121.49	-971.79	793.23	768.79	24.44	32.451		
4,100.00	4,023.42	4,007.77	3,906.09	12.36	13.76	-97.16	127.45	-995.35	811.04	785.89	25.15	32.249		
4,200.00	4,121.20	4,106.17	4,001.44	12.72	14.18	-97.23	133.41	-1,018.92	828.84	802.97	25.86	32.046		
4,300.00	4,218.98	4,204.57	4,096.79	13.07	14.60	-97.30	139.38	-1,042.48	846.64	820.05	26.59	31.845		
4,400.00	4,316.75	4,302.96	4,192.14	13.43	15.02	-97.37	145.34	-1,066.04	864.44	837.13	27.32	31.645		
4,500.00	4,414.53	4,401.36	4,287.49	13.80	15.44	-97.44	151.30	-1,089.60	882.25	854.20	28.05	31.448		
4,600.00	4,512.31	4,500.24	4,382.84	14.16	15.88	-97.50	157.26	-1,113.16	900.06	871.26	28.80	31.252		
4,700.00	4,610.09	4,601.85	4,478.18	14.53	16.32	-97.56	163.22	-1,136.72	917.86	888.30	29.56	31.049		
4,800.00	4,707.87	4,703.45	4,573.53	14.90	16.77	-97.62	169.19	-1,160.28	935.67	905.34	30.33	30.851		
4,900.00	4,805.65	4,805.05	4,668.88	15.28	17.22	-97.68	175.15	-1,183.84	953.48	922.38	31.10	30.656		
5,000.00	4,903.42	4,906.65	4,764.23	15.65	17.68	-97.73	181.11	-1,207.41	971.29	939.41	31.88	30.467		
5,100.00	5,001.20	5,008.26	4,859.58	16.03	18.14	-97.79	187.07	-1,230.97	989.10	956.44	32.66	30.283		
5,200.00	5,098.98	5,109.86	4,954.93	16.41	18.60	-97.84	193.04	-1,254.53	1,006.92	973.47	33.45	30.103		
5,300.00	5,196.76	5,188.54	5,050.27	16.79	18.95	-97.88	199.00	-1,278.09	1,024.73	990.58	34.15	30.009		
5,400.00	5,294.54	5,286.93	5,145.62	17.18	19.40	-97.93	204.96	-1,301.65	1,042.54	1,007.62	34.93	29.849		
5,500.00	5,392.32	5,385.33	5,240.97	17.56	19.85	-97.98	210.92	-1,325.21	1,060.36	1,024.65	35.71	29.692		
5,600.00	5,490.09	5,483.73	5,336.32	17.95	20.30	-98.02	216.88	-1,348.77	1,078.17	1,041.67	36.50	29.540		
5,700.00	5,587.87	5,582.13	5,431.67	18.34	20.76	-98.06	222.85	-1,372.34	1,095.99	1,058.70	37.29	29.392		
5,800.00	5,685.65	5,680.52	5,527.02	18.73	21.21	-98.11	228.81	-1,395.90	1,113.80	1,075.72	38.08	29.248		
5,900.00	5,783.43	5,778.92	5,622.36	19.12	21.67	-98.15	234.77	-1,419.46	1,131.62	1,092.74	38.88	29.108		
6,000.00	5,881.21	5,877.32	5,717.71	19.51	22.12	-98.18	240.73	-1,443.02	1,149.44	1,109.76	39.67	28.972		
6,100.00	5,978.99	5,975.71	5,813.06	19.90	22.58	-98.22	246.69	-1,466.58	1,167.25	1,126.78	40.47	28.839		
6,200.00	6,076.76	6,074.11	5,908.41	20.30	23.04	-98.26	252.66	-1,490.14	1,185.07	1,143.79	41.28	28.710		
6,300.00	6,174.54	7,901.68	7,057.67	20.69	36.51	-152.31	289.01	-654.80	1,155.92	1,112.52	43.40	26.636		
6,400.00	6,272.32	7,889.16	7,057.48	21.09	36.26	-151.73	289.29	-663.95	1,095.47	1,050.23	45.24	24.213		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
6,500.00	6,370.10	7,880.01	7,057.29	21.49	36.07	-151.14	289.57	-673.10	1,041.06	993.84	47.22	22.049		
6,600.00	6,467.61	7,868.83	7,057.05	21.89	35.85	-137.56	289.91	-684.27	993.71	944.53	49.17	20.208		
6,700.00	6,562.43	7,844.12	7,056.53	22.34	35.36	-123.62	290.67	-708.96	954.77	903.91	50.85	18.776		
6,800.00	6,652.07	7,804.58	7,055.70	22.91	34.57	-116.39	291.88	-748.47	925.11	872.98	52.13	17.747		
6,900.00	6,734.32	7,751.19	7,054.58	23.59	33.59	-111.16	293.51	-801.83	904.55	851.53	53.02	17.061		
7,000.00	6,807.15	7,685.27	7,053.19	24.42	32.40	-106.57	295.52	-867.71	891.87	838.33	53.54	16.657		
7,100.00	6,868.78	7,608.43	7,051.58	25.42	31.13	-102.38	297.87	-944.49	885.15	831.26	53.89	16.425		
7,200.00	6,917.68	7,514.28	7,046.13	26.62	29.71	-98.32	300.55	-1,038.39	881.82	827.62	54.20	16.270		
7,300.00	6,952.66	7,421.91	7,027.99	28.05	28.49	-94.66	302.43	-1,128.86	879.77	825.06	54.71	16.082		
7,400.00	6,972.84	7,336.29	6,999.67	29.69	27.52	-91.53	303.44	-1,209.58	878.78	823.38	55.40	15.863		
7,469.97	6,978.52	7,279.82	6,975.17	30.93	26.99	-89.59	303.71	-1,260.44	878.68	822.72	55.96	15.701		
7,500.00	6,977.95	7,255.91	6,963.46	31.48	26.78	-88.86	303.73	-1,281.29	878.60	822.40	56.20	15.633		
7,600.00	6,977.70	7,184.11	6,923.73	33.43	26.28	-86.28	303.46	-1,341.04	881.34	824.29	57.05	15.448		
7,700.00	6,977.44	7,122.60	6,884.53	35.52	25.94	-83.75	302.81	-1,388.40	889.31	831.51	57.79	15.387 SF		
7,800.00	6,977.19	7,070.24	6,847.69	37.74	25.72	-81.40	301.98	-1,425.59	903.63	845.29	58.34	15.489		
7,900.00	6,976.94	7,025.69	6,814.04	40.06	25.58	-79.29	301.06	-1,454.76	924.99	866.35	58.64	15.774		
8,000.00	6,976.68	6,987.68	6,783.78	42.47	25.48	-77.41	300.14	-1,477.74	953.66	894.96	58.69	16.248		
8,100.00	6,976.43	6,950.00	6,752.50	44.95	25.39	-75.51	299.09	-1,498.69	989.57	931.04	58.53	16.908		
8,200.00	6,976.17	6,926.96	6,732.77	47.49	25.36	-74.32	298.39	-1,510.58	1,032.31	974.12	58.19	17.741		
8,300.00	6,975.92	6,900.00	6,709.17	50.07	25.32	-72.93	297.51	-1,523.57	1,081.43	1,023.70	57.72	18.735		
8,400.00	6,975.66	6,881.20	6,692.40	52.70	25.29	-71.95	296.86	-1,532.04	1,136.28	1,079.10	57.18	19.871		
8,500.00	6,975.41	6,862.43	6,675.41	55.36	25.27	-70.98	296.19	-1,539.99	1,196.26	1,139.66	56.60	21.134		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-40.07	-0.28	40.07					
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-40.07	-0.28	40.07	32.55	7.53	5.324		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295 CC		
300.00	300.00	300.52	300.52	3.35	3.35	-148.90	-39.74	-0.58	40.12	32.47	7.65	5.242		
400.00	399.93	401.56	401.49	3.41	3.41	-148.06	-37.09	-2.96	40.51	32.73	7.78	5.207		
500.00	499.68	502.59	502.26	3.50	3.50	-146.45	-31.80	-7.72	41.32	33.37	7.95	5.198		
600.00	599.13	603.59	602.69	3.62	3.62	-144.15	-23.88	-14.86	42.59	34.43	8.16	5.217		
700.00	698.15	704.57	702.66	3.76	3.76	-141.29	-13.33	-24.36	44.38	35.95	8.43	5.263		
800.00	796.63	804.45	801.31	3.93	3.94	-139.90	-1.72	-34.81	47.93	39.16	8.77	5.465		
900.00	894.51	904.26	899.90	4.14	4.13	-140.90	9.88	-45.26	53.90	44.74	9.15	5.888		
1,000.00	992.29	1,004.05	998.46	4.39	4.35	-142.04	21.49	-55.71	60.29	50.72	9.57	6.297		
1,100.00	1,090.07	1,103.84	1,097.02	4.66	4.59	-142.96	33.09	-66.15	66.70	56.67	10.03	6.652		
1,200.00	1,187.85	1,203.63	1,195.58	4.95	4.84	-143.72	44.69	-76.60	73.13	62.62	10.51	6.957		
1,300.00	1,285.63	1,303.42	1,294.14	5.26	5.10	-144.36	56.29	-87.04	79.57	68.55	11.02	7.221		
1,400.00	1,383.40	1,403.21	1,392.70	5.58	5.38	-144.90	67.89	-97.49	86.01	74.47	11.55	7.449		
1,500.00	1,481.18	1,503.00	1,491.26	5.92	5.67	-145.37	79.49	-107.93	92.47	80.37	12.09	7.646		
1,600.00	1,578.96	1,602.79	1,589.82	6.26	5.96	-145.77	91.09	-118.38	98.92	86.27	12.66	7.817		
1,700.00	1,676.74	1,702.57	1,688.38	6.62	6.26	-146.13	102.69	-128.82	105.39	92.16	13.23	7.966		
1,800.00	1,774.52	1,802.36	1,786.94	6.82	6.42	-146.44	114.29	-139.27	111.85	98.70	13.15	8.506		
1,900.00	1,872.30	1,902.15	1,885.50	6.87	6.46	-146.73	125.89	-149.71	118.32	105.12	13.20	8.961		
2,000.00	1,970.07	2,001.94	1,984.06	6.95	6.52	-146.98	137.49	-160.16	124.79	111.50	13.30	9.386		
2,100.00	2,067.85	2,101.73	2,082.62	7.06	6.60	-147.20	149.09	-170.61	131.27	117.84	13.42	9.778		
2,200.00	2,165.63	2,201.52	2,181.18	7.19	6.69	-147.41	160.69	-181.05	137.74	124.15	13.59	10.135		
2,300.00	2,263.41	2,301.31	2,279.75	7.33	6.81	-147.60	172.30	-191.50	144.22	130.43	13.79	10.458		
2,400.00	2,361.19	2,401.10	2,378.31	7.50	6.94	-147.77	183.90	-201.94	150.70	136.67	14.02	10.746		
2,500.00	2,458.97	2,500.89	2,476.87	7.69	7.09	-147.92	195.50	-212.39	157.18	142.89	14.29	11.000		
2,600.00	2,556.74	2,600.68	2,575.43	7.90	7.25	-148.07	207.10	-222.83	163.66	149.07	14.58	11.223		
2,700.00	2,654.52	2,700.46	2,673.99	8.12	7.43	-148.20	218.70	-233.28	170.14	155.23	14.90	11.416		
2,800.00	2,752.30	2,800.25	2,772.55	8.36	7.62	-148.32	230.30	-243.72	176.62	161.37	15.25	11.581		
2,900.00	2,850.08	2,900.04	2,871.11	8.61	7.82	-148.44	241.90	-254.17	183.10	167.48	15.62	11.720		
3,000.00	2,947.86	3,000.17	2,969.67	8.88	8.03	-148.55	253.50	-264.61	189.59	173.57	16.02	11.837		
3,100.00	3,045.64	3,100.38	3,068.23	9.15	8.25	-148.65	265.10	-275.06	196.07	179.64	16.43	11.932		
3,200.00	3,143.41	3,200.59	3,166.79	9.44	8.49	-148.74	276.70	-285.50	202.56	185.69	16.87	12.010		
3,300.00	3,241.19	3,300.80	3,265.35	9.74	8.73	-148.83	288.30	-295.95	209.04	191.72	17.32	12.071		
3,400.00	3,338.97	3,401.01	3,363.91	10.04	8.98	-148.91	299.90	-306.40	215.53	197.74	17.78	12.119		
3,500.00	3,436.75	3,501.22	3,462.47	10.35	9.24	-148.99	311.51	-316.84	222.01	203.75	18.27	12.154		
3,600.00	3,534.53	3,601.44	3,561.03	10.67	9.50	-149.06	323.11	-327.29	228.50	209.74	18.76	12.178		
3,700.00	3,632.31	3,701.65	3,659.59	11.00	9.77	-149.13	334.71	-337.73	234.99	215.72	19.27	12.194		
3,800.00	3,730.08	3,801.86	3,758.15	11.33	10.05	-149.19	346.31	-348.18	241.48	221.68	19.79	12.201		
3,900.00	3,827.86	3,902.07	3,856.71	11.67	10.33	-149.26	357.91	-358.62	247.96	227.64	20.32	12.202		
4,000.00	3,925.64	3,997.72	3,955.27	12.02	10.60	-149.32	369.51	-369.07	254.45	233.60	20.85	12.204		
4,100.00	4,023.42	4,102.49	4,053.83	12.36	10.91	-149.37	381.11	-379.51	260.94	239.53	21.41	12.187		
4,200.00	4,121.20	4,202.70	4,152.39	12.72	11.20	-149.42	392.71	-389.96	267.43	245.46	21.97	12.173		
4,300.00	4,218.98	4,302.91	4,250.95	13.07	11.50	-149.47	404.31	-400.40	273.92	251.38	22.53	12.156		
4,400.00	4,316.75	4,403.12	4,349.51	13.43	11.80	-149.52	415.91	-410.85	280.41	257.30	23.11	12.136		
4,500.00	4,414.53	4,503.33	4,448.07	13.80	12.11	-149.57	427.51	-421.30	286.90	263.21	23.68	12.113		
4,600.00	4,512.31	4,603.55	4,546.63	14.16	12.42	-149.61	439.11	-431.74	293.38	269.12	24.27	12.089		
4,700.00	4,610.09	4,703.76	4,645.19	14.53	12.73	-149.66	450.72	-442.19	299.87	275.01	24.86	12.063		
4,800.00	4,707.87	4,803.97	4,743.76	14.90	13.04	-149.70	462.32	-452.63	306.36	280.91	25.45	12.036		
4,900.00	4,805.65	4,895.82	4,842.32	15.28	13.34	-149.73	473.92	-463.08	312.85	286.82	26.03	12.018		
5,000.00	4,903.42	5,004.39	4,940.88	15.65	13.68	-149.77	485.52	-473.52	319.34	292.68	26.66	11.978		
5,100.00	5,001.20	5,104.60	5,039.44	16.03	14.00	-149.81	497.12	-483.97	325.83	298.56	27.27	11.949		
5,200.00	5,098.98	5,204.81	5,138.00	16.41	14.32	-149.84	508.72	-494.41	332.32	304.44	27.88	11.919		
5,300.00	5,196.76	5,305.02	5,236.56	16.79	14.65	-149.87	520.32	-504.86	338.81	310.31	28.50	11.888		
5,400.00	5,294.54	5,405.23	5,335.12	17.18	14.98	-149.91	531.92	-515.30	345.30	316.18	29.12	11.858		
5,500.00	5,392.32	5,505.44	5,433.68	17.56	15.30	-149.94	543.52	-525.75	351.79	322.05	29.74	11.828		
5,600.00	5,490.09	5,605.66	5,532.24	17.95	15.63	-149.97	555.12	-536.19	358.29	327.92	30.37	11.797		
5,700.00	5,587.87	5,705.87	5,630.80	18.34	15.96	-150.00	566.72	-546.64	364.78	333.78	31.00	11.767		
5,800.00	5,685.65	5,793.92	5,729.36	18.73	16.26	-150.02	578.32	-557.09	371.27	339.67	31.59	11.751		
5,900.00	5,783.43	5,906.29	5,827.92	19.12	16.63	-150.05	589.93	-567.53	377.76	345.49	32.27	11.708		
6,000.00	5,881.21	6,006.50	5,926.48	19.51	16.96	-150.07	601.53	-577.98	384.25	351.35	32.90	11.679		
6,100.00	5,978.99	6,093.29	6,025.04	19.90	17.25	-150.10	613.13	-588.42	390.74	357.24	33.50	11.664		
6,200.00	6,076.76	6,206.92	6,123.60	20.30	17.64	-150.12	624.73	-598.87	397.23	363.05	34.18	11.621		
6,300.00	6,174.54	6,307.13	6,222.16	20.69	17.97	-150.15	636.33	-609.31	403.72	368.90	34.82	11.593		
6,400.00	6,272.32	6,407.34	6,320.72	21.09	18.31	-150.17	647.93	-619.76	410.21	374.74	35.47	11.565		

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				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	6,370.10	6,507.56	6,419.28	21.49	18.65	-150.19	659.53	-630.20	416.70	380.59	36.12	11.538	
6,600.00	6,467.61	6,592.18	6,517.79	21.89	18.94	-134.98	671.12	-640.64	423.19	386.51	36.69	11.535	
6,700.00	6,562.43	6,691.78	6,616.06	22.34	19.28	-120.16	682.69	-651.89	429.90	392.75	37.16	11.570	
6,800.00	6,652.07	6,795.12	6,715.71	22.91	19.71	-114.27	694.45	-676.13	436.97	399.18	37.79	11.564	
6,900.00	6,734.32	6,901.85	6,813.14	23.59	20.28	-111.76	705.99	-717.85	444.07	405.33	38.74	11.464	
7,000.00	6,807.15	7,012.10	6,905.05	24.42	21.04	-110.79	716.91	-777.49	450.87	410.77	40.10	11.243	
7,100.00	6,868.78	7,125.82	6,987.69	25.42	22.05	-110.57	726.78	-854.77	457.01	415.00	42.02	10.877	
7,200.00	6,917.68	7,242.79	7,057.06	26.62	23.38	-110.71	735.13	-948.37	462.12	417.50	44.62	10.356	
7,300.00	6,952.66	7,362.54	7,109.25	28.05	25.10	-111.00	741.49	-1,055.76	465.85	417.82	48.03	9.699	
7,400.00	6,972.84	7,484.37	7,140.94	29.69	27.21	-111.32	745.47	-1,173.14	467.90	415.69	52.21	8.962	
7,500.00	6,977.95	7,603.77	7,150.10	31.48	29.52	-111.58	746.80	-1,292.02	468.10	411.28	56.82	8.238	
7,600.00	6,977.70	7,703.76	7,150.74	33.43	31.62	-111.72	747.08	-1,392.01	467.59	406.71	60.88	7.681	
7,700.00	6,977.44	7,803.75	7,151.38	35.52	33.85	-111.86	747.37	-1,492.00	467.08	401.94	65.15	7.170	
7,800.00	6,977.19	7,903.74	7,152.03	37.74	36.18	-112.01	747.66	-1,591.99	466.58	397.00	69.58	6.705	
7,900.00	6,976.94	8,003.74	7,152.67	40.06	38.61	-112.15	747.95	-1,691.98	466.08	391.92	74.15	6.285	
8,000.00	6,976.68	8,103.73	7,153.31	42.47	41.11	-112.30	748.24	-1,791.97	465.58	386.74	78.84	5.906	
8,100.00	6,976.43	8,203.72	7,153.95	44.95	43.67	-112.44	748.53	-1,891.96	465.08	381.47	83.61	5.563	
8,200.00	6,976.17	8,303.71	7,154.59	47.49	46.28	-112.59	748.82	-1,991.94	464.59	376.14	88.45	5.253	
8,300.00	6,975.92	8,403.70	7,155.23	50.07	48.93	-112.73	749.11	-2,091.93	464.10	370.75	93.35	4.972	
8,400.00	6,975.66	8,503.70	7,155.88	52.70	51.61	-112.88	749.39	-2,191.92	463.61	365.31	98.30	4.716	
8,500.00	6,975.41	8,603.69	7,156.52	55.36	54.33	-113.02	749.68	-2,291.91	463.12	359.84	103.29	4.484	
8,600.00	6,975.15	8,703.68	7,157.16	58.06	57.07	-113.17	749.97	-2,391.90	462.64	354.33	108.31	4.271	
8,700.00	6,974.90	8,803.67	7,157.80	60.78	59.83	-113.31	750.26	-2,491.89	462.16	348.81	113.36	4.077	
8,800.00	6,974.64	8,903.66	7,158.44	63.52	62.61	-113.46	750.55	-2,591.88	461.69	343.26	118.42	3.899	
8,900.00	6,974.39	9,003.65	7,159.09	66.28	65.40	-113.61	750.84	-2,691.87	461.22	337.71	123.51	3.734	
9,000.00	6,974.13	9,103.65	7,159.73	69.06	68.21	-113.75	751.13	-2,791.86	460.75	332.14	128.61	3.583	
9,100.00	6,973.88	9,203.64	7,160.37	71.85	71.04	-113.90	751.41	-2,891.85	460.28	326.56	133.72	3.442	
9,200.00	6,973.63	9,303.63	7,161.01	74.66	73.87	-114.05	751.70	-2,991.84	459.82	320.99	138.83	3.312	
9,300.00	6,973.37	9,403.62	7,161.65	77.48	76.72	-114.20	751.99	-3,091.83	459.36	315.40	143.95	3.191	
9,400.00	6,973.12	9,503.61	7,162.29	80.31	79.57	-114.35	752.28	-3,191.82	458.90	309.82	149.08	3.078	
9,500.00	6,972.86	9,603.61	7,162.94	83.15	82.43	-114.50	752.57	-3,291.81	458.45	304.24	154.20	2.973	
9,600.00	6,972.61	9,703.60	7,163.58	86.00	85.30	-114.64	752.86	-3,391.80	457.99	298.67	159.33	2.875	
9,700.00	6,972.35	9,803.59	7,164.22	88.85	88.18	-114.79	753.15	-3,491.79	457.55	293.10	164.45	2.782	
9,800.00	6,972.10	9,903.58	7,164.86	91.72	91.06	-114.94	753.44	-3,591.78	457.10	287.53	169.57	2.696	
9,900.00	6,971.84	10,003.57	7,165.50	94.59	93.94	-115.09	753.72	-3,691.76	456.66	281.97	174.69	2.614	
10,000.00	6,971.59	10,103.57	7,166.14	97.46	96.83	-115.24	754.01	-3,791.75	456.22	276.42	179.80	2.537	
10,100.00	6,971.33	10,203.56	7,166.79	100.34	99.73	-115.39	754.30	-3,891.74	455.79	270.87	184.91	2.465	
10,200.00	6,971.08	10,303.55	7,167.43	103.22	102.63	-115.54	754.59	-3,991.73	455.35	265.34	190.01	2.396	
10,300.00	6,970.83	10,403.54	7,168.07	106.11	105.53	-115.70	754.88	-4,091.72	454.92	259.82	195.11	2.332	
10,400.00	6,970.57	10,503.53	7,168.71	109.01	108.43	-115.85	755.17	-4,191.71	454.50	254.30	200.19	2.270	
10,500.00	6,970.32	10,603.53	7,169.35	111.90	111.34	-116.00	755.46	-4,291.70	454.08	248.80	205.27	2.212	
10,600.00	6,970.06	10,703.52	7,169.99	114.80	114.26	-116.15	755.75	-4,391.69	453.66	243.31	210.34	2.157	
10,700.00	6,969.81	10,803.51	7,170.64	117.70	117.17	-116.30	756.03	-4,491.68	453.24	237.84	215.40	2.104	
10,800.00	6,969.55	10,903.50	7,171.28	120.61	120.09	-116.45	756.32	-4,591.67	452.83	232.37	220.45	2.054	
10,900.00	6,969.30	11,003.49	7,171.92	123.52	123.01	-116.61	756.61	-4,691.66	452.42	226.92	225.49	2.006	
11,000.00	6,969.04	11,103.48	7,172.56	126.43	125.93	-116.76	756.90	-4,791.65	452.01	221.49	230.52	1.961	
11,100.00	6,968.79	11,203.48	7,173.20	129.34	128.85	-116.91	757.19	-4,891.64	451.61	216.06	235.54	1.917	
11,200.00	6,968.53	11,303.47	7,173.84	132.26	131.77	-117.07	757.48	-4,991.63	451.21	210.65	240.55	1.876	
11,300.00	6,968.28	11,403.46	7,174.49	135.18	134.70	-117.22	757.77	-5,091.62	450.81	205.26	245.55	1.836	
11,400.00	6,968.02	11,503.45	7,175.13	138.10	137.63	-117.38	758.05	-5,191.61	450.42	199.88	250.53	1.798	
11,500.00	6,967.77	11,603.44	7,175.77	141.02	140.56	-117.53	758.34	-5,291.60	450.02	194.52	255.50	1.761	
11,600.00	6,967.52	11,703.44	7,176.41	143.94	143.49	-117.68	758.63	-5,391.58	449.64	189.18	260.46	1.726	
11,700.00	6,967.26	11,803.43	7,177.05	146.86	146.42	-117.84	758.92	-5,491.57	449.25	183.85	265.41	1.693	
11,800.00	6,967.01	11,903.42	7,177.69	149.79	149.36	-117.99	759.21	-5,591.56	448.87	178.54	270.34	1.660	
11,900.00	6,966.75	12,003.41	7,178.34	152.72	152.29	-118.15	759.50	-5,691.55	448.50	173.24	275.26	1.629	
12,000.00	6,966.50	12,103.40	7,178.98	155.65	155.23	-118.31	759.79	-5,791.54	448.12	167.96	280.16	1.600	
12,100.00	6,966.24	12,203.40	7,179.62	158.58	158.16	-118.46	760.08	-5,891.53	447.75	162.70	285.05	1.571	
12,200.00	6,965.99	12,303.39	7,180.26	161.51	161.10	-118.62	760.36	-5,991.52	447.38	157.45	289.93	1.543	
12,300.00	6,965.73	12,403.38	7,180.90	164.44	164.04	-118.77	760.65	-6,091.51	447.02	152.23	294.79	1.516	
12,400.00	6,965.48	12,503.37	7,181.54	167.37	166.98	-118.93	760.94	-6,191.50	446.66	147.02	299.64	1.491 Level 3	
12,500.00	6,965.22	12,603.36	7,182.19	170.31	169.92	-119.09	761.23	-6,291.49	446.30	141.83	304.47	1.466 Level 3	
12,600.00	6,964.97	12,703.35	7,182.83	173.24	172.86	-119.24	761.52	-6,391.48	445.95	136.66	309.29	1.442 Level 3	
12,700.00	6,964.72	12,803.35	7,183.47	176.18	175.81	-119.40	761.81	-6,491.47	445.60	131.51	314.09	1.419 Level 3	
12,800.00	6,964.46	12,903.34	7,184.11	179.11	178.75	-119.56	762.10	-6,591.46	445.25	126.37	318.87	1.396 Level 3	
12,900.00	6,964.21	13,003.33	7,184.75	182.05	181.69	-119.72	762.39	-6,691.45	444.90	121.26	323.65	1.375 Level 3	
13,000.00	6,963.95	13,103.32	7,185.39	184.99	184.64	-119.88	762.67	-6,791.44	444.56	116.16	328.40	1.354 Level 3	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
13,100.00	6,963.70	13,203.31	7,186.04	187.93	187.58	-120.03	762.96	-6,891.43	444.23	111.09	333.14	1.333 Level 3		
13,200.00	6,963.44	13,303.31	7,186.68	190.87	190.53	-120.19	763.25	-6,991.42	443.89	106.03	337.86	1.314 Level 3		
13,300.00	6,963.19	13,403.30	7,187.32	193.81	193.47	-120.35	763.54	-7,091.40	443.56	101.00	342.56	1.295 Level 3		
13,400.00	6,962.93	13,503.29	7,187.96	196.75	196.42	-120.51	763.83	-7,191.39	443.24	95.98	347.25	1.276 Level 3		
13,500.00	6,962.68	13,603.82	7,188.61	199.69	199.38	-120.67	764.12	-7,291.92	442.91	90.96	351.95	1.258 Level 3		
13,600.00	6,962.42	13,714.11	7,189.31	202.64	202.64	-120.99	766.54	-7,402.18	440.92	84.32	356.61	1.236 Level 2		
13,700.00	6,962.17	13,814.04	7,189.95	205.58	205.60	-121.34	769.68	-7,502.06	438.16	77.55	360.61	1.215 Level 2		
13,800.00	6,961.91	13,913.96	7,190.60	208.52	208.55	-121.70	772.83	-7,601.93	435.42	70.87	364.55	1.194 Level 2		
13,900.00	6,961.66	14,013.89	7,191.24	211.47	211.51	-122.06	775.98	-7,701.80	432.70	64.26	368.44	1.174 Level 2		
14,000.00	6,961.41	14,113.81	7,191.88	214.41	214.46	-122.43	779.12	-7,801.68	429.99	57.73	372.26	1.155 Level 2		
14,100.00	6,961.15	14,213.74	7,192.52	217.35	217.42	-122.80	782.27	-7,901.55	427.30	51.29	376.01	1.136 Level 2		
14,200.00	6,960.90	14,311.94	7,193.15	220.30	220.32	-123.17	785.33	-7,999.71	424.66	45.00	379.66	1.119 Level 2		
14,286.71	6,960.68	14,389.09	7,193.64	222.85	222.60	-123.36	786.35	-8,076.84	423.68	40.85	382.83	1.107 Level 2		
14,300.00	6,960.64	14,400.91	7,193.72	223.25	222.94	-123.37	786.32	-8,088.66	423.70	40.36	383.34	1.105 Level 2		
14,400.00	6,960.39	14,489.89	7,194.29	226.19	225.55	-123.37	784.55	-8,177.62	425.34	37.82	387.52	1.098 Level 2		
14,500.00	6,960.13	14,586.12	7,194.91	229.14	228.36	-123.20	780.29	-8,273.75	429.01	36.16	392.85	1.092 Level 2		
14,600.00	6,959.88	14,686.04	7,195.55	232.09	231.28	-123.01	775.71	-8,373.56	432.82	34.23	398.59	1.086 Level 2		
14,700.00	6,959.62	14,785.95	7,196.19	235.03	234.21	-122.83	771.13	-8,473.37	436.64	32.30	404.34	1.080 Level 2		
14,800.00	6,959.37	14,885.87	7,196.83	237.98	237.13	-122.64	766.55	-8,573.18	440.46	30.37	410.09	1.074 Level 2		
14,900.00	6,959.11	14,985.79	7,197.47	240.93	240.06	-122.47	761.97	-8,672.99	444.28	28.45	415.84	1.068 Level 2		
15,000.00	6,958.86	15,085.70	7,198.11	243.88	242.98	-122.29	757.39	-8,772.80	448.12	26.52	421.60	1.063 Level 2		
15,100.00	6,958.61	15,185.62	7,198.75	246.83	245.91	-122.12	752.81	-8,872.61	451.95	24.60	427.35	1.058 Level 2		
15,200.00	6,958.35	15,285.54	7,199.39	249.77	248.84	-121.95	748.23	-8,972.42	455.79	22.67	433.11	1.052 Level 2		
15,300.00	6,958.10	15,385.46	7,200.03	252.72	251.76	-121.78	743.65	-9,072.23	459.63	20.75	438.88	1.047 Level 2		
15,400.00	6,957.84	15,485.37	7,200.67	255.67	254.69	-121.62	739.07	-9,172.04	463.48	18.84	444.64	1.042 Level 2		
15,500.00	6,957.59	15,585.29	7,201.31	258.62	257.62	-121.45	734.49	-9,271.85	467.33	16.92	450.41	1.038 Level 2		
15,600.00	6,957.33	15,685.21	7,201.95	261.57	260.55	-121.30	729.91	-9,371.66	471.18	15.00	456.18	1.033 Level 2		
15,700.00	6,957.08	15,785.13	7,202.59	264.52	263.48	-121.14	725.33	-9,471.47	475.04	13.09	461.95	1.028 Level 2		
15,800.00	6,956.82	15,885.04	7,203.23	267.47	266.41	-120.99	720.75	-9,571.28	478.90	11.18	467.72	1.024 Level 2		
15,900.00	6,956.57	15,984.96	7,203.87	270.43	269.34	-120.83	716.17	-9,671.09	482.76	9.27	473.50	1.020 Level 2		
16,000.00	6,956.31	16,084.88	7,204.52	273.38	272.27	-120.69	711.59	-9,770.90	486.63	7.36	479.27	1.015 Level 2		
16,100.00	6,956.06	16,184.79	7,205.16	276.33	275.20	-120.54	707.01	-9,870.71	490.50	5.45	485.05	1.011 Level 2		
16,200.00	6,955.80	16,284.71	7,205.80	279.28	278.13	-120.39	702.43	-9,970.52	494.38	3.55	490.83	1.007 Level 2		
16,300.00	6,955.55	16,384.63	7,206.44	282.23	281.06	-120.25	697.85	-10,070.33	498.25	1.64	496.61	1.003 Level 2		
16,400.00	6,955.30	16,484.55	7,207.08	285.18	283.99	-120.11	693.27	-10,170.14	502.13	-0.26	502.39	0.999 Level 1		
16,500.00	6,955.04	16,584.46	7,207.72	288.13	286.92	-119.98	688.69	-10,269.95	506.02	-2.16	508.17	0.996 Level 1		
16,600.00	6,954.79	16,684.38	7,208.36	291.09	289.85	-119.84	684.11	-10,369.76	509.90	-4.06	513.96	0.992 Level 1		
16,700.00	6,954.53	16,784.30	7,209.00	294.04	292.78	-119.71	679.53	-10,469.57	513.79	-5.95	519.74	0.989 Level 1		
16,800.00	6,954.28	16,884.22	7,209.64	296.99	295.72	-119.57	674.95	-10,569.38	517.68	-7.85	525.53	0.985 Level 1		
16,900.00	6,954.02	16,984.13	7,210.28	299.95	298.65	-119.45	670.37	-10,669.19	521.57	-9.74	531.31	0.982 Level 1		
17,000.00	6,953.77	17,084.05	7,210.92	302.90	301.58	-119.32	665.79	-10,769.00	525.47	-11.63	537.10	0.978 Level 1		
17,100.00	6,953.51	17,183.97	7,211.56	305.85	304.51	-119.19	661.21	-10,868.81	529.37	-13.52	542.89	0.975 Level 1		
17,200.00	6,953.26	17,283.88	7,212.20	308.80	307.45	-119.07	656.63	-10,968.62	533.27	-15.41	548.68	0.972 Level 1		
17,300.00	6,953.00	17,383.80	7,212.84	311.76	310.38	-118.95	652.05	-11,068.43	537.18	-17.30	554.47	0.969 Level 1		
17,302.29	6,953.00	17,386.09	7,212.86	311.83	310.45	-118.94	651.95	-11,070.72	537.27	-17.35	554.62	0.969 Level 1, ES, SF		

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	-179.60	-80.15	-0.56	80.15					
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-80.15	-0.56	80.15	72.62	7.53	10.648		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-80.15	-0.56	80.15	72.58	7.57	10.589		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-80.15	-0.56	80.15	72.58	7.57	10.589	CC, ES	
300.00	300.00	300.68	300.67	3.35	3.35	-148.88	-79.93	-0.95	80.31	72.66	7.65	10.492		
400.00	399.93	402.01	401.93	3.41	3.41	-147.94	-78.19	-4.08	81.62	73.84	7.78	10.489		
500.00	499.68	503.26	502.93	3.50	3.50	-146.15	-74.72	-10.34	84.30	76.35	7.96	10.597		
600.00	599.13	604.20	603.30	3.62	3.62	-143.69	-69.56	-19.65	88.48	80.30	8.18	10.816		
700.00	698.15	703.94	702.34	3.76	3.75	-142.02	-63.83	-29.98	95.05	86.59	8.46	11.236		
800.00	796.63	803.50	801.20	3.93	3.91	-141.75	-58.12	-40.29	104.40	95.61	8.79	11.879		
900.00	894.51	902.78	899.79	4.14	4.10	-142.50	-52.42	-50.57	116.22	107.05	9.16	12.681		
1,000.00	992.29	1,002.01	998.32	4.39	4.29	-143.32	-46.72	-60.85	128.47	118.90	9.57	13.421		
1,100.00	1,090.07	1,101.25	1,096.85	4.66	4.51	-144.00	-41.03	-71.13	140.74	130.73	10.01	14.057		
1,200.00	1,187.85	1,200.48	1,195.38	4.95	4.73	-144.57	-35.33	-81.40	153.04	142.55	10.48	14.601		
1,300.00	1,285.63	1,300.29	1,293.92	5.26	4.97	-145.05	-29.64	-91.68	165.34	154.36	10.98	15.065		
1,400.00	1,383.40	1,401.06	1,392.45	5.58	5.22	-145.47	-23.94	-101.96	177.65	166.16	11.49	15.459		
1,500.00	1,481.18	1,501.83	1,490.98	5.92	5.48	-145.83	-18.24	-112.23	189.97	177.95	12.03	15.796		
1,600.00	1,578.96	1,602.60	1,589.52	6.26	5.74	-146.15	-12.55	-122.51	202.30	189.73	12.58	16.085		
1,700.00	1,676.74	1,703.37	1,688.05	6.62	6.01	-146.43	-6.85	-132.78	214.64	201.50	13.14	16.340		
1,800.00	1,774.52	1,804.14	1,786.58	6.82	6.15	-146.68	-1.15	-143.06	226.98	213.92	13.06	17.385		
1,900.00	1,872.30	1,904.90	1,885.12	6.87	6.18	-146.91	4.54	-153.34	239.32	226.21	13.11	18.253		
2,000.00	1,970.07	2,005.67	1,983.65	6.95	6.23	-147.11	10.24	-163.61	251.66	238.46	13.20	19.060		
2,100.00	2,067.85	2,106.44	2,082.18	7.06	6.30	-147.29	15.93	-173.89	264.01	250.68	13.33	19.803		
2,200.00	2,165.63	2,207.21	2,180.72	7.19	6.38	-147.46	21.63	-184.16	276.36	262.87	13.50	20.477		
2,300.00	2,263.41	2,307.98	2,279.25	7.33	6.47	-147.62	27.33	-194.44	288.72	275.02	13.69	21.084		
2,400.00	2,361.19	2,408.75	2,377.78	7.50	6.59	-147.76	33.02	-204.72	301.07	287.15	13.92	21.624		
2,500.00	2,458.97	2,509.52	2,476.32	7.69	6.71	-147.89	38.72	-214.99	313.43	299.24	14.18	22.098		
2,600.00	2,556.74	2,589.71	2,574.85	7.90	6.82	-148.01	44.41	-225.27	325.79	311.34	14.44	22.556		
2,700.00	2,654.52	2,688.95	2,673.38	8.12	6.97	-148.12	50.11	-235.55	338.15	323.39	14.75	22.918		
2,800.00	2,752.30	2,788.18	2,771.92	8.36	7.13	-148.22	55.81	-245.82	350.51	335.42	15.09	23.227		
2,900.00	2,850.08	2,887.41	2,870.45	8.61	7.30	-148.32	61.50	-256.10	362.87	347.42	15.45	23.487		
3,000.00	2,947.86	2,986.64	2,968.98	8.88	7.48	-148.41	67.20	-266.37	375.23	359.40	15.83	23.702		
3,100.00	3,045.64	3,085.87	3,067.52	9.15	7.67	-148.49	72.90	-276.65	387.59	371.36	16.23	23.879		
3,200.00	3,143.41	3,185.10	3,166.05	9.44	7.87	-148.57	78.59	-286.93	399.96	383.31	16.65	24.020		
3,300.00	3,241.19	3,284.33	3,264.58	9.74	8.08	-148.64	84.29	-297.20	412.32	395.23	17.09	24.130		
3,400.00	3,338.97	3,383.56	3,363.12	10.04	8.29	-148.71	89.98	-307.48	424.69	407.15	17.54	24.213		
3,500.00	3,436.75	3,482.80	3,461.65	10.35	8.52	-148.78	95.68	-317.76	437.05	419.05	18.01	24.272		
3,600.00	3,534.53	3,582.03	3,560.18	10.67	8.74	-148.84	101.38	-328.03	449.42	430.93	18.49	24.311		
3,700.00	3,632.31	3,681.26	3,658.71	11.00	8.98	-148.90	107.07	-338.31	461.79	442.81	18.98	24.331		
3,800.00	3,730.08	3,780.49	3,757.25	11.33	9.22	-148.96	112.77	-348.58	474.16	454.67	19.48	24.337		
3,900.00	3,827.86	3,879.72	3,855.78	11.67	9.46	-149.01	118.47	-358.86	486.52	466.53	20.00	24.330		
4,000.00	3,925.64	3,978.95	3,954.31	12.02	9.71	-149.06	124.16	-369.14	498.89	478.37	20.52	24.311		
4,100.00	4,023.42	4,078.18	4,052.85	12.36	9.97	-149.11	129.86	-379.41	511.26	490.21	21.05	24.284		
4,200.00	4,121.20	4,177.41	4,151.38	12.72	10.22	-149.15	135.55	-389.69	523.63	502.03	21.59	24.248		
4,300.00	4,218.98	4,276.65	4,249.91	13.07	10.49	-149.20	141.25	-399.97	536.00	513.86	22.14	24.206		
4,400.00	4,316.75	4,375.88	4,348.45	13.43	10.75	-149.24	146.95	-410.24	548.37	525.67	22.70	24.158		
4,500.00	4,414.53	4,475.11	4,446.98	13.80	11.02	-149.28	152.64	-420.52	560.74	537.48	23.26	24.106		
4,600.00	4,512.31	4,574.34	4,545.51	14.16	11.29	-149.32	158.34	-430.79	573.11	549.28	23.83	24.050		
4,700.00	4,610.09	4,673.57	4,644.05	14.53	11.56	-149.35	164.04	-441.07	585.48	561.08	24.40	23.992		
4,800.00	4,707.87	4,772.80	4,742.58	14.90	11.84	-149.39	169.73	-451.35	597.85	572.87	24.98	23.931		
4,900.00	4,805.65	4,872.03	4,841.11	15.28	12.12	-149.42	175.43	-461.62	610.22	584.65	25.57	23.868		
5,000.00	4,903.42	4,971.26	4,939.65	15.65	12.40	-149.45	181.12	-471.90	622.59	596.44	26.16	23.804		
5,100.00	5,001.20	5,070.50	5,038.18	16.03	12.69	-149.49	186.82	-482.18	634.96	608.22	26.75	23.739		
5,200.00	5,098.98	5,169.73	5,136.71	16.41	12.97	-149.52	192.52	-492.45	647.33	619.99	27.34	23.673		
5,300.00	5,196.76	5,268.96	5,235.25	16.79	13.26	-149.54	198.21	-502.73	659.71	631.76	27.94	23.607		
5,400.00	5,294.54	5,368.19	5,333.78	17.18	13.55	-149.57	203.91	-513.00	672.08	643.53	28.55	23.541		
5,500.00	5,392.32	5,467.42	5,432.31	17.56	13.84	-149.60	209.60	-523.28	684.45	655.29	29.16	23.476		
5,600.00	5,490.09	5,566.65	5,530.85	17.95	14.13	-149.62	215.30	-533.56	696.82	667.06	29.77	23.410		
5,700.00	5,587.87	5,665.88	5,629.38	18.34	14.42	-149.65	221.00	-543.83	709.19	678.82	30.38	23.345		
5,800.00	5,685.65	5,765.11	5,727.91	18.73	14.72	-149.67	226.69	-554.11	721.57	690.57	30.99	23.280		
5,900.00	5,783.43	5,864.34	5,826.45	19.12	15.01	-149.70	232.39	-564.39	733.94	702.33	31.61	23.217		
6,000.00	5,881.21	5,963.58	5,924.98	19.51	15.31	-149.72	238.09	-574.66	746.31	714.08	32.23	23.154		
6,100.00	5,978.99	6,062.81	6,023.51	19.90	15.61	-149.74	243.78	-584.94	758.68	725.83	32.86	23.091		
6,200.00	6,076.76	6,162.04	6,122.04	20.30	15.91	-149.76	249.48	-595.21	771.06	737.58	33.48	23.030		
6,300.00	6,174.54	6,261.27	6,220.58	20.69	16.21	-149.78	255.17	-605.49	783.43	749.32	34.11	22.969		
6,400.00	6,272.32	6,360.50	6,319.11	21.09	16.51	-149.80	260.87	-615.77	795.80	761.07	34.74	22.910		

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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,500.00	6,370.10	6,459.73	6,417.64	21.49	16.81	-149.82	266.57	-626.04	808.18	772.81	35.37	22.851			
6,600.00	6,467.61	6,558.91	6,516.12	21.89	17.12	-134.20	272.26	-636.31	820.53	784.54	35.99	22.798			
6,700.00	6,562.43	6,657.87	6,614.29	22.34	17.43	-117.91	277.93	-647.39	832.79	796.18	36.61	22.750			
6,800.00	6,652.07	6,760.39	6,713.72	22.91	17.84	-110.40	283.59	-671.28	844.82	807.39	37.43	22.571			
6,900.00	6,734.32	6,866.37	6,811.10	23.59	18.41	-106.37	289.03	-712.41	856.28	817.71	38.58	22.198			
7,000.00	6,807.15	6,975.99	6,903.22	24.42	19.19	-104.03	294.05	-771.35	866.82	826.67	40.14	21.593			
7,100.00	6,868.78	7,089.28	6,986.39	25.42	20.24	-102.64	298.43	-847.94	876.07	833.81	42.26	20.731			
7,200.00	6,917.68	7,206.06	7,056.55	26.62	21.64	-101.82	301.95	-941.02	883.68	838.63	45.05	19.616			
7,300.00	6,952.66	7,325.90	7,109.70	28.05	23.48	-101.37	304.39	-1,048.20	889.34	840.72	48.61	18.294			
7,400.00	6,972.84	7,448.07	7,142.30	29.69	25.70	-101.20	305.56	-1,165.75	892.78	839.92	52.86	16.889			
7,500.00	6,977.95	7,568.92	7,152.04	31.48	28.17	-101.23	305.38	-1,286.03	893.85	836.32	57.53	15.538			
7,600.00	6,977.70	7,668.92	7,152.33	33.43	30.36	-101.27	304.77	-1,386.03	893.95	832.11	61.84	14.456			
7,700.00	6,977.44	7,768.92	7,152.63	35.52	32.66	-101.30	304.17	-1,486.02	894.05	827.67	66.37	13.470			
7,800.00	6,977.19	7,868.91	7,152.92	37.74	35.07	-101.33	303.56	-1,586.02	894.14	823.05	71.10	12.576			
7,900.00	6,976.94	7,968.91	7,153.22	40.06	37.55	-101.37	302.95	-1,686.02	894.24	818.27	75.97	11.771			
8,000.00	6,976.68	8,068.91	7,153.51	42.47	40.10	-101.40	302.34	-1,786.01	894.34	813.37	80.97	11.045			
8,100.00	6,976.43	8,168.91	7,153.81	44.95	42.70	-101.44	301.74	-1,886.01	894.44	808.37	86.07	10.392			
8,200.00	6,976.17	8,268.91	7,154.10	47.49	45.35	-101.47	301.13	-1,986.00	894.54	803.28	91.26	9.802			
8,300.00	6,975.92	8,368.91	7,154.40	50.07	48.04	-101.51	300.52	-2,086.00	894.64	798.13	96.51	9.270			
8,400.00	6,975.66	8,468.91	7,154.69	52.70	50.75	-101.54	299.92	-2,186.00	894.74	792.91	101.83	8.787			
8,500.00	6,975.41	8,568.90	7,154.99	55.36	53.49	-101.58	299.31	-2,285.99	894.84	787.65	107.19	8.348			
8,600.00	6,975.15	8,668.90	7,155.29	58.06	56.26	-101.61	298.70	-2,385.99	894.94	782.34	112.60	7.948			
8,700.00	6,974.90	8,768.90	7,155.58	60.78	59.04	-101.65	298.10	-2,485.98	895.04	776.99	118.05	7.582			
8,800.00	6,974.64	8,868.90	7,155.88	63.52	61.84	-101.68	297.49	-2,585.98	895.14	771.62	123.53	7.247			
8,900.00	6,974.39	8,968.90	7,156.17	66.28	64.65	-101.72	296.88	-2,685.98	895.25	766.21	129.03	6.938			
9,000.00	6,974.13	9,068.90	7,156.47	69.06	67.48	-101.75	296.27	-2,785.97	895.35	760.79	134.56	6.654			
9,100.00	6,973.88	9,168.90	7,156.76	71.85	70.32	-101.78	295.67	-2,885.97	895.45	755.34	140.11	6.391			
9,200.00	6,973.63	9,268.89	7,157.06	74.66	73.16	-101.82	295.06	-2,985.97	895.55	749.87	145.68	6.147			
9,300.00	6,973.37	9,368.89	7,157.35	77.48	76.02	-101.85	294.45	-3,085.96	895.66	744.39	151.26	5.921			
9,400.00	6,973.12	9,468.89	7,157.65	80.31	78.88	-101.89	293.85	-3,185.96	895.76	738.90	156.86	5.710			
9,500.00	6,972.86	9,568.89	7,157.94	83.15	81.76	-101.92	293.24	-3,285.95	895.86	733.39	162.47	5.514			
9,600.00	6,972.61	9,668.89	7,158.24	86.00	84.63	-101.96	292.63	-3,385.95	895.97	727.87	168.10	5.330			
9,700.00	6,972.35	9,768.89	7,158.53	88.85	87.52	-101.99	292.02	-3,485.95	896.07	722.34	173.73	5.158			
9,800.00	6,972.10	9,868.88	7,158.83	91.72	90.40	-102.03	291.42	-3,585.94	896.18	716.81	179.37	4.996			
9,900.00	6,971.84	9,968.88	7,159.12	94.59	93.30	-102.06	290.81	-3,685.94	896.28	711.26	185.02	4.844			
10,000.00	6,971.59	10,068.88	7,159.42	97.46	96.19	-102.10	290.20	-3,785.94	896.39	705.71	190.67	4.701			
10,100.00	6,971.33	10,168.88	7,159.71	100.34	99.09	-102.13	289.60	-3,885.93	896.49	700.16	196.34	4.566			
10,200.00	6,971.08	10,268.88	7,160.01	103.22	102.00	-102.16	288.99	-3,985.93	896.60	694.59	202.00	4.439			
10,300.00	6,970.83	10,368.88	7,160.31	106.11	104.91	-102.20	288.38	-4,085.92	896.71	689.03	207.68	4.318			
10,400.00	6,970.57	10,468.88	7,160.60	109.01	107.82	-102.23	287.78	-4,185.92	896.81	683.46	213.35	4.203			
10,500.00	6,970.32	10,568.87	7,160.90	111.90	110.73	-102.27	287.17	-4,285.92	896.92	677.88	219.04	4.095			
10,600.00	6,970.06	10,668.87	7,161.19	114.80	113.64	-102.30	286.56	-4,385.91	897.03	672.30	224.72	3.992			
10,700.00	6,969.81	10,768.87	7,161.49	117.70	116.56	-102.34	285.95	-4,485.91	897.13	666.72	230.41	3.894			
10,800.00	6,969.55	10,868.87	7,161.78	120.61	119.48	-102.37	285.35	-4,585.91	897.24	661.14	236.10	3.800			
10,900.00	6,969.30	10,968.87	7,162.08	123.52	122.40	-102.41	284.74	-4,685.90	897.35	655.55	241.80	3.711			
11,000.00	6,969.04	11,068.87	7,162.37	126.43	125.33	-102.44	284.13	-4,785.90	897.46	649.96	247.49	3.626			
11,100.00	6,968.79	11,168.87	7,162.67	129.34	128.25	-102.47	283.53	-4,885.89	897.57	644.37	253.19	3.545			
11,200.00	6,968.53	11,268.86	7,162.96	132.26	131.18	-102.51	282.92	-4,985.89	897.68	638.78	258.89	3.467			
11,300.00	6,968.28	11,368.86	7,163.26	135.18	134.11	-102.54	282.31	-5,085.89	897.79	633.19	264.60	3.393			
11,400.00	6,968.02	11,468.86	7,163.55	138.10	137.04	-102.58	281.70	-5,185.88	897.90	627.60	270.30	3.322			
11,500.00	6,967.77	11,568.86	7,163.85	141.02	139.97	-102.61	281.10	-5,285.88	898.01	622.00	276.00	3.254			
11,600.00	6,967.52	11,668.86	7,164.14	143.94	142.90	-102.65	280.49	-5,385.88	898.12	616.41	281.71	3.188			
11,700.00	6,967.26	11,768.86	7,164.44	146.86	145.84	-102.68	279.88	-5,485.87	898.23	610.81	287.42	3.125			
11,800.00	6,967.01	11,868.85	7,164.74	149.79	148.77	-102.72	279.28	-5,585.87	898.34	605.21	293.12	3.065			
11,900.00	6,966.75	11,968.85	7,165.03	152.72	151.71	-102.75	278.67	-5,685.86	898.45	599.62	298.83	3.007			
12,000.00	6,966.50	12,068.85	7,165.33	155.65	154.64	-102.78	278.06	-5,785.86	898.56	594.02	304.54	2.951			
12,100.00	6,966.24	12,168.85	7,165.62	158.58	157.58	-102.82	277.46	-5,885.86	898.67	588.42	310.25	2.897			
12,200.00	6,965.99	12,268.85	7,165.92	161.51	160.52	-102.85	276.85	-5,985.85	898.79	582.83	315.96	2.845			
12,300.00	6,965.73	12,368.85	7,166.21	164.44	163.46	-102.89	276.24	-6,085.85	898.90	577.23	321.67	2.794			
12,400.00	6,965.48	12,468.85	7,166.51	167.37	166.40	-102.92	275.63	-6,185.84	899.01	571.63	327.38	2.746			
12,500.00	6,965.22	12,568.84	7,166.80	170.31	169.34	-102.96	275.03	-6,285.84	899.13	566.04	333.09	2.699			
12,600.00	6,964.97	12,668.84	7,167.10	173.24	172.28	-102.99	274.42	-6,385.84	899.24	560.44	338.80	2.654			
12,700.00	6,964.72	12,768.84	7,167.39	176.18	175.23	-103.02	273.81	-6,485.83	899.35	554.85	344.51	2.611			
12,800.00	6,964.46	12,868.84	7,167.69	179.11	178.17	-103.06	273.21	-6,585.83	899.47	549.25	350.22	2.568			
12,900.00	6,964.21	12,968.84	7,167.98	182.05	181.11	-103.09	272.60	-6,685.83	899.58	543.66	355.93	2.527			
13,000.00	6,963.95	13,068.84	7,168.28	184.99	184.06	-103.13	271.99	-6,785.82	899.70	538.06	361.64	2.488			

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	
13,100.00	6,963.70	13,168.83	7,168.57	187.93	187.00	-103.16	271.38	-6,885.82	899.81	532.47	367.34	2.450		
13,200.00	6,963.44	13,268.83	7,168.87	190.87	189.95	-103.20	270.78	-6,985.81	899.93	526.88	373.05	2.412		
13,300.00	6,963.19	13,368.83	7,169.17	193.81	192.89	-103.23	270.17	-7,085.81	900.05	521.29	378.76	2.376		
13,400.00	6,962.93	13,468.83	7,169.46	196.75	195.84	-103.26	269.56	-7,185.81	900.16	515.70	384.46	2.341		
13,500.00	6,962.68	13,568.83	7,169.76	199.69	198.79	-103.30	268.96	-7,285.80	900.28	510.11	390.17	2.307		
13,600.00	6,962.42	13,668.83	7,170.05	202.64	201.73	-103.33	268.35	-7,385.80	900.40	504.52	395.88	2.274		
13,700.00	6,962.17	13,768.83	7,170.35	205.58	204.68	-103.37	267.74	-7,485.80	900.51	498.93	401.58	2.242		
13,800.00	6,961.91	13,868.82	7,170.64	208.52	207.63	-103.40	267.14	-7,585.79	900.63	493.35	407.28	2.211		
13,900.00	6,961.66	13,968.82	7,170.94	211.47	210.58	-103.43	266.53	-7,685.79	900.75	487.76	412.99	2.181		
14,000.00	6,961.41	14,068.82	7,171.23	214.41	213.52	-103.47	265.92	-7,785.78	900.87	482.18	418.69	2.152		
14,100.00	6,961.15	14,168.82	7,171.53	217.35	216.47	-103.50	265.31	-7,885.78	900.99	476.60	424.39	2.123		
14,200.00	6,960.90	14,268.82	7,171.82	220.30	219.42	-103.54	264.71	-7,985.78	901.10	471.01	430.09	2.095		
14,300.00	6,960.64	14,368.82	7,172.12	223.25	222.37	-103.57	264.10	-8,085.77	901.22	465.43	435.79	2.068		
14,400.00	6,960.39	14,468.82	7,172.41	226.19	225.32	-103.61	263.49	-8,185.77	901.34	459.86	441.49	2.042		
14,500.00	6,960.13	14,568.81	7,172.71	229.14	228.27	-103.64	262.89	-8,285.77	901.46	454.28	447.19	2.016		
14,600.00	6,959.88	14,668.81	7,173.00	232.09	231.22	-103.67	262.28	-8,385.76	901.58	448.70	452.88	1.991		
14,700.00	6,959.62	14,768.81	7,173.30	235.03	234.17	-103.71	261.67	-8,485.76	901.70	443.13	458.58	1.966		
14,800.00	6,959.37	14,868.81	7,173.60	237.98	237.12	-103.74	261.06	-8,585.75	901.82	437.55	464.27	1.942		
14,900.00	6,959.11	14,968.81	7,173.89	240.93	240.08	-103.78	260.46	-8,685.75	901.95	431.98	469.96	1.919		
15,000.00	6,958.86	15,068.81	7,174.19	243.88	243.03	-103.81	259.85	-8,785.75	902.07	426.41	475.66	1.896		
15,100.00	6,958.61	15,168.80	7,174.48	246.83	245.98	-103.84	259.24	-8,885.74	902.19	420.84	481.35	1.874		
15,200.00	6,958.35	15,268.80	7,174.78	249.77	248.93	-103.88	258.64	-8,985.74	902.31	415.28	487.04	1.853		
15,300.00	6,958.10	15,368.80	7,175.07	252.72	251.88	-103.91	258.03	-9,085.73	902.43	409.71	492.72	1.832		
15,400.00	6,957.84	15,468.80	7,175.37	255.67	254.84	-103.95	257.42	-9,185.73	902.56	404.14	498.41	1.811		
15,500.00	6,957.59	15,568.80	7,175.66	258.62	257.79	-103.98	256.82	-9,285.73	902.68	398.58	504.10	1.791		
15,600.00	6,957.33	15,668.80	7,175.96	261.57	260.74	-104.01	256.21	-9,385.72	902.80	393.02	509.78	1.771		
15,700.00	6,957.08	15,768.80	7,176.25	264.52	263.69	-104.05	255.60	-9,485.72	902.93	387.46	515.47	1.752		
15,800.00	6,956.82	15,868.79	7,176.55	267.47	266.65	-104.08	254.99	-9,585.72	903.05	381.90	521.15	1.733		
15,900.00	6,956.57	15,968.79	7,176.84	270.43	269.60	-104.12	254.39	-9,685.71	903.18	376.35	526.83	1.714		
16,000.00	6,956.31	16,068.79	7,177.14	273.38	272.55	-104.15	253.78	-9,785.71	903.30	370.79	532.51	1.696		
16,100.00	6,956.06	16,168.79	7,177.43	276.33	275.51	-104.18	253.17	-9,885.70	903.42	365.24	538.19	1.679		
16,200.00	6,955.80	16,268.79	7,177.73	279.28	278.46	-104.22	252.57	-9,985.70	903.55	359.69	543.86	1.661		
16,300.00	6,955.55	16,368.79	7,178.03	282.23	281.42	-104.25	251.96	-10,085.70	903.68	354.14	549.54	1.644		
16,400.00	6,955.30	16,468.79	7,178.32	285.18	284.37	-104.29	251.35	-10,185.69	903.80	348.59	555.21	1.628		
16,500.00	6,955.04	16,568.78	7,178.62	288.13	287.32	-104.32	250.74	-10,285.69	903.93	343.04	560.89	1.612		
16,600.00	6,954.79	16,668.78	7,178.91	291.09	290.28	-104.35	250.14	-10,385.69	904.05	337.50	566.56	1.596		
16,700.00	6,954.53	16,768.78	7,179.21	294.04	293.23	-104.39	249.53	-10,485.68	904.18	331.95	572.23	1.580		
16,800.00	6,954.28	16,868.78	7,179.50	296.99	296.19	-104.42	248.92	-10,585.68	904.31	326.41	577.90	1.565		
16,900.00	6,954.02	16,968.78	7,179.80	299.95	299.14	-104.46	248.32	-10,685.67	904.44	320.87	583.56	1.550		
17,000.00	6,953.77	17,068.78	7,180.09	302.90	302.10	-104.49	247.71	-10,785.67	904.56	315.34	589.23	1.535		
17,100.00	6,953.51	17,168.77	7,180.39	305.85	305.05	-104.52	247.10	-10,885.67	904.69	309.80	594.89	1.521		
17,200.00	6,953.26	17,268.77	7,180.68	308.80	308.01	-104.56	246.50	-10,985.66	904.82	304.27	600.55	1.507		
17,300.00	6,953.00	17,368.77	7,180.98	311.76	310.96	-104.59	245.89	-11,085.66	904.95	298.73	606.22	1.493 Level 3		
17,302.29	6,953.00	17,371.07	7,180.99	311.83	311.03	-104.59	245.87	-11,087.95	904.95	298.62	606.34	1.492 Level 3, SF		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference				Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-60.11	-0.56	60.12					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-60.11	-0.56	60.12	52.59	7.53	7.986		
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-60.11	-0.56	60.12	52.55	7.57	7.943 CC		
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-60.11	-0.56	60.12	52.55	7.57	7.943		
300.00	300.00	300.61	300.60	3.35	3.35	-148.74	-59.85	-0.92	60.24	52.58	7.65	7.870		
400.00	399.93	401.80	401.73	3.41	3.41	-147.69	-57.78	-3.83	61.22	53.44	7.78	7.867		
500.00	499.68	502.95	502.62	3.50	3.50	-145.70	-53.65	-9.65	63.23	55.28	7.95	7.950		
600.00	599.13	604.01	603.11	3.62	3.62	-142.95	-47.46	-18.36	66.38	58.21	8.18	8.120		
700.00	698.15	704.05	702.31	3.76	3.76	-140.55	-39.98	-28.89	71.30	62.85	8.46	8.432		
800.00	796.63	803.75	801.17	3.93	3.92	-140.06	-32.49	-39.43	78.94	70.16	8.79	8.983		
900.00	894.51	903.23	899.82	4.14	4.11	-140.98	-25.02	-49.94	89.00	79.83	9.17	9.707		
1,000.00	992.29	1,002.67	998.41	4.39	4.31	-141.96	-17.55	-60.45	99.48	89.90	9.58	10.383		
1,100.00	1,090.07	1,102.11	1,097.01	4.66	4.53	-142.75	-10.08	-70.96	109.99	99.96	10.03	10.968		
1,200.00	1,187.85	1,201.54	1,195.60	4.95	4.76	-143.40	-2.61	-81.47	120.52	110.02	10.50	11.474		
1,300.00	1,285.63	1,300.98	1,294.20	5.26	5.01	-143.95	4.86	-91.98	131.06	120.06	11.00	11.911		
1,400.00	1,383.40	1,400.41	1,392.80	5.58	5.26	-144.42	12.32	-102.49	141.61	130.08	11.52	12.289		
1,500.00	1,481.18	1,500.15	1,491.39	5.92	5.53	-144.82	19.79	-113.00	152.17	140.10	12.06	12.615		
1,600.00	1,578.96	1,600.72	1,589.99	6.26	5.80	-145.17	27.26	-123.51	162.73	150.11	12.62	12.896		
1,700.00	1,676.74	1,701.28	1,688.59	6.62	6.08	-145.47	34.73	-134.02	173.30	160.11	13.19	13.142		
1,800.00	1,774.52	1,801.84	1,787.18	6.82	6.23	-145.74	42.20	-144.52	183.87	170.76	13.11	14.024		
1,900.00	1,872.30	1,902.41	1,885.78	6.87	6.26	-145.99	49.67	-155.03	194.45	181.28	13.17	14.768		
2,000.00	1,970.07	2,002.97	1,984.38	6.95	6.31	-146.20	57.14	-165.54	205.03	191.77	13.26	15.462		
2,100.00	2,067.85	2,103.54	2,082.97	7.06	6.38	-146.40	64.61	-176.05	215.61	202.22	13.39	16.102		
2,200.00	2,165.63	2,204.10	2,181.57	7.19	6.47	-146.58	72.07	-186.56	226.20	212.64	13.56	16.686		
2,300.00	2,263.41	2,304.66	2,280.17	7.33	6.57	-146.74	79.54	-197.07	236.78	223.03	13.76	17.213		
2,400.00	2,361.19	2,394.77	2,378.76	7.50	6.67	-146.89	87.01	-207.58	247.37	233.40	13.98	17.699		
2,500.00	2,458.97	2,505.79	2,477.36	7.69	6.82	-147.02	94.48	-218.09	257.96	243.71	14.25	18.100		
2,600.00	2,556.74	2,593.64	2,575.96	7.90	6.94	-147.15	101.95	-228.60	268.56	254.03	14.53	18.487		
2,700.00	2,654.52	2,706.92	2,674.55	8.12	7.12	-147.26	109.42	-239.11	279.15	264.28	14.86	18.779		
2,800.00	2,752.30	2,807.48	2,773.15	8.36	7.29	-147.37	116.89	-249.62	289.74	274.53	15.21	19.049		
2,900.00	2,850.08	2,908.05	2,871.74	8.61	7.48	-147.47	124.35	-260.13	300.34	284.76	15.58	19.278		
3,000.00	2,947.86	3,008.61	2,970.34	8.88	7.67	-147.56	131.82	-270.64	310.93	294.96	15.97	19.469		
3,100.00	3,045.64	3,109.18	3,068.94	9.15	7.87	-147.65	139.29	-281.15	321.53	305.15	16.38	19.627		
3,200.00	3,143.41	3,209.74	3,167.53	9.44	8.09	-147.73	146.76	-291.66	332.13	315.31	16.81	19.756		
3,300.00	3,241.19	3,289.69	3,266.13	9.74	8.26	-147.80	154.23	-302.17	342.72	325.51	17.21	19.908		
3,400.00	3,338.97	3,389.13	3,364.73	10.04	8.49	-147.88	161.70	-312.68	353.32	335.65	17.67	19.991		
3,500.00	3,436.75	3,488.57	3,463.32	10.35	8.72	-147.94	169.17	-323.18	363.92	345.77	18.15	20.053		
3,600.00	3,534.53	3,588.00	3,561.92	10.67	8.96	-148.01	176.64	-333.69	374.52	355.88	18.64	20.097		
3,700.00	3,632.31	3,687.44	3,660.52	11.00	9.20	-148.07	184.10	-344.20	385.12	365.98	19.13	20.126		
3,800.00	3,730.08	3,786.87	3,759.11	11.33	9.45	-148.12	191.57	-354.71	395.72	376.07	19.65	20.142		
3,900.00	3,827.86	3,886.31	3,857.71	11.67	9.70	-148.18	199.04	-365.22	406.32	386.15	20.17	20.147		
4,000.00	3,925.64	3,985.75	3,956.31	12.02	9.96	-148.23	206.51	-375.73	416.92	396.22	20.70	20.142		
4,100.00	4,023.42	4,085.18	4,054.90	12.36	10.23	-148.28	213.98	-386.24	427.52	406.28	21.24	20.129		
4,200.00	4,121.20	4,184.62	4,153.50	12.72	10.49	-148.32	221.45	-396.75	438.12	416.33	21.79	20.109		
4,300.00	4,218.98	4,284.05	4,252.10	13.07	10.77	-148.37	228.92	-407.26	448.72	426.38	22.34	20.083		
4,400.00	4,316.75	4,383.49	4,350.69	13.43	11.04	-148.41	236.38	-417.77	459.32	436.42	22.91	20.052		
4,500.00	4,414.53	4,482.93	4,449.29	13.80	11.32	-148.45	243.85	-428.28	469.93	446.45	23.48	20.017		
4,600.00	4,512.31	4,582.36	4,547.88	14.16	11.60	-148.49	251.32	-438.79	480.53	456.48	24.05	19.979		
4,700.00	4,610.09	4,681.80	4,646.48	14.53	11.89	-148.52	258.79	-449.30	491.13	466.50	24.63	19.938		
4,800.00	4,707.87	4,781.23	4,745.08	14.90	12.17	-148.56	266.26	-459.81	501.73	476.51	25.22	19.894		
4,900.00	4,805.65	4,880.67	4,843.67	15.28	12.46	-148.59	273.73	-470.32	512.34	486.53	25.81	19.849		
5,000.00	4,903.42	4,980.10	4,942.27	15.65	12.75	-148.63	281.20	-480.83	522.94	496.53	26.41	19.803		
5,100.00	5,001.20	5,079.54	5,040.87	16.03	13.05	-148.66	288.66	-491.34	533.54	506.54	27.01	19.755		
5,200.00	5,098.98	5,178.98	5,139.46	16.41	13.34	-148.69	296.13	-501.84	544.15	516.53	27.61	19.707		
5,300.00	5,196.76	5,278.41	5,238.06	16.79	13.64	-148.71	303.60	-512.35	554.75	526.53	28.22	19.659		
5,400.00	5,294.54	5,377.85	5,336.66	17.18	13.94	-148.74	311.07	-522.86	565.35	536.52	28.83	19.610		
5,500.00	5,392.32	5,477.28	5,435.25	17.56	14.24	-148.77	318.54	-533.37	575.96	546.51	29.44	19.560		
5,600.00	5,490.09	5,576.72	5,533.85	17.95	14.54	-148.79	326.01	-543.88	586.56	556.50	30.06	19.511		
5,700.00	5,587.87	5,676.16	5,632.45	18.34	14.84	-148.82	333.48	-554.39	597.16	566.48	30.68	19.463		
5,800.00	5,685.65	5,775.59	5,731.04	18.73	15.15	-148.84	340.95	-564.90	607.77	576.46	31.31	19.414		
5,900.00	5,783.43	5,875.03	5,829.64	19.12	15.46	-148.87	348.41	-575.41	618.37	586.44	31.93	19.366		
6,000.00	5,881.21	5,974.46	5,928.24	19.51	15.76	-148.89	355.88	-585.92	628.98	596.42	32.56	19.318		
6,100.00	5,978.99	6,073.90	6,026.83	19.90	16.07	-148.91	363.35	-596.43	639.58	606.39	33.19	19.271		
6,200.00	6,076.76	6,173.34	6,125.43	20.30	16.38	-148.93	370.82	-606.94	650.19	616.36	33.82	19.224		
6,300.00	6,174.54	6,272.77	6,224.02	20.69	16.69	-148.95	378.29	-617.45	660.79	626.33	34.46	19.178		
6,400.00	6,272.32	6,372.21	6,322.62	21.09	17.00	-148.97	385.76	-627.96	671.39	636.30	35.09	19.133		

Offset Design												Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1												Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													
Reference				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	6,370.10	6,471.56	6,421.08	21.49	17.32	-148.94	393.22	-638.98	682.00	646.26	35.74	19.083	
6,600.00	6,467.61	6,569.56	6,516.26	21.89	17.70	-132.47	400.46	-660.69	692.65	656.11	36.54	18.954	
6,700.00	6,562.43	6,665.87	6,605.49	22.34	18.20	-114.45	407.30	-696.04	703.06	665.51	37.55	18.724	
6,800.00	6,652.07	6,760.79	6,687.24	22.91	18.83	-105.09	413.62	-743.69	712.89	674.10	38.79	18.376	
6,900.00	6,734.32	6,854.52	6,760.15	23.59	19.61	-99.37	419.30	-802.17	721.88	681.55	40.33	17.900	
7,000.00	6,807.15	6,947.22	6,823.08	24.42	20.58	-95.52	424.26	-869.95	729.75	687.54	42.22	17.286	
7,100.00	6,868.78	7,039.07	6,875.10	25.42	21.76	-92.82	428.42	-945.43	736.30	691.77	44.53	16.536	
7,200.00	6,917.68	7,130.23	6,915.50	26.62	23.15	-90.94	431.72	-1,027.00	741.33	694.05	47.28	15.679	
7,300.00	6,952.66	7,220.86	6,943.74	28.05	24.74	-89.70	434.13	-1,113.00	744.70	694.24	50.46	14.758	
7,400.00	6,972.84	7,311.10	6,959.49	29.69	26.50	-89.02	435.59	-1,201.77	746.31	692.32	53.99	13.823	
7,500.00	6,977.95	7,403.56	6,962.96	31.48	28.42	-88.85	436.15	-1,294.11	746.10	688.25	57.85	12.896	
7,600.00	6,977.70	7,503.55	6,962.81	33.43	30.63	-88.86	436.45	-1,394.10	745.18	682.91	62.27	11.967	
7,700.00	6,977.44	7,603.55	6,962.65	35.52	32.96	-88.86	436.75	-1,494.10	744.26	677.34	66.92	11.122	
7,800.00	6,977.19	7,703.55	6,962.50	37.74	35.39	-88.87	437.06	-1,594.09	743.34	671.58	71.75	10.359	
7,900.00	6,976.94	7,803.54	6,962.35	40.06	37.89	-88.88	437.36	-1,694.09	742.41	665.67	76.75	9.674	
8,000.00	6,976.68	7,903.54	6,962.20	42.47	40.45	-88.88	437.66	-1,794.08	741.49	659.63	81.86	9.058	
8,100.00	6,976.43	8,003.53	6,962.04	44.95	43.07	-88.89	437.97	-1,894.08	740.57	653.48	87.09	8.504	
8,200.00	6,976.17	8,103.53	6,961.89	47.49	45.73	-88.90	438.27	-1,994.07	739.65	647.26	92.39	8.006	
8,300.00	6,975.92	8,203.52	6,961.74	50.07	48.43	-88.90	438.57	-2,094.07	738.73	640.96	97.77	7.556	
8,400.00	6,975.66	8,303.52	6,961.59	52.70	51.15	-88.91	438.88	-2,194.06	737.80	634.60	103.21	7.149	
8,500.00	6,975.41	8,403.52	6,961.43	55.36	53.90	-88.91	439.18	-2,294.06	736.88	628.19	108.70	6.779	
8,600.00	6,975.15	8,503.51	6,961.28	58.06	56.67	-88.92	439.48	-2,394.05	735.96	621.73	114.23	6.443	
8,700.00	6,974.90	8,603.51	6,961.13	60.78	59.46	-88.93	439.79	-2,494.05	735.04	615.24	119.80	6.136	
8,800.00	6,974.64	8,703.50	6,960.98	63.52	62.27	-88.93	440.09	-2,594.04	734.11	608.71	125.40	5.854	
8,900.00	6,974.39	8,803.50	6,960.82	66.28	65.09	-88.94	440.39	-2,694.04	733.19	602.16	131.03	5.595	
9,000.00	6,974.13	8,903.49	6,960.67	69.06	67.93	-88.95	440.70	-2,794.03	732.27	595.58	136.69	5.357	
9,100.00	6,973.88	9,003.49	6,960.52	71.85	70.77	-88.95	441.00	-2,894.03	731.35	588.98	142.37	5.137	
9,200.00	6,973.63	9,103.49	6,960.36	74.66	73.62	-88.96	441.30	-2,994.03	730.43	582.36	148.07	4.933	
9,300.00	6,973.37	9,203.48	6,960.21	77.48	76.49	-88.97	441.61	-3,094.02	729.50	575.72	153.78	4.744	
9,400.00	6,973.12	9,303.48	6,960.06	80.31	79.36	-88.97	441.91	-3,194.02	728.58	569.07	159.51	4.568	
9,500.00	6,972.86	9,403.47	6,959.91	83.15	82.23	-88.98	442.21	-3,294.01	727.66	562.40	165.26	4.403	
9,600.00	6,972.61	9,503.47	6,959.75	86.00	85.11	-88.99	442.52	-3,394.01	726.74	555.72	171.01	4.250	
9,700.00	6,972.35	9,603.46	6,959.60	88.85	88.00	-88.99	442.82	-3,494.00	725.82	549.03	176.78	4.106	
9,800.00	6,972.10	9,703.46	6,959.45	91.72	90.89	-89.00	443.13	-3,594.00	724.89	542.33	182.56	3.971	
9,900.00	6,971.84	9,803.46	6,959.30	94.59	93.79	-89.01	443.43	-3,693.99	723.97	535.63	188.35	3.844	
10,000.00	6,971.59	9,903.45	6,959.14	97.46	96.69	-89.02	443.73	-3,793.99	723.05	528.91	194.14	3.724	
10,100.00	6,971.33	10,003.45	6,958.99	100.34	99.60	-89.02	444.04	-3,893.98	722.13	522.18	199.94	3.612	
10,200.00	6,971.08	10,103.44	6,958.84	103.22	102.51	-89.03	444.34	-3,993.98	721.20	515.45	205.75	3.505	
10,300.00	6,970.83	10,203.44	6,958.69	106.11	105.42	-89.04	444.64	-4,093.97	720.28	508.71	211.57	3.404	
10,400.00	6,970.57	10,303.43	6,958.53	109.01	108.33	-89.04	444.95	-4,193.97	719.36	501.97	217.39	3.309	
10,500.00	6,970.32	10,403.43	6,958.38	111.90	111.25	-89.05	445.25	-4,293.96	718.44	495.22	223.22	3.218	
10,600.00	6,970.06	10,503.43	6,958.23	114.80	114.17	-89.06	445.55	-4,393.96	717.52	488.46	229.05	3.133	
10,700.00	6,969.81	10,603.42	6,958.07	117.70	117.09	-89.06	445.86	-4,493.95	716.59	481.70	234.89	3.051	
10,800.00	6,969.55	10,703.42	6,957.92	120.61	120.01	-89.07	446.16	-4,593.95	715.67	474.94	240.73	2.973	
10,900.00	6,969.30	10,803.41	6,957.77	123.52	122.94	-89.08	446.46	-4,693.94	714.75	468.17	246.58	2.899	
11,000.00	6,969.04	10,903.41	6,957.62	126.43	125.87	-89.08	446.77	-4,793.94	713.83	461.40	252.43	2.828	
11,100.00	6,968.79	11,003.40	6,957.46	129.34	128.80	-89.09	447.07	-4,893.93	712.91	454.62	258.28	2.760	
11,200.00	6,968.53	11,103.40	6,957.31	132.26	131.73	-89.10	447.37	-4,993.93	711.98	447.84	264.14	2.695	
11,300.00	6,968.28	11,203.40	6,957.16	135.18	134.66	-89.11	447.68	-5,093.92	711.06	441.06	270.00	2.634	
11,400.00	6,968.02	11,303.39	6,957.01	138.10	137.59	-89.11	447.98	-5,193.92	710.14	434.28	275.86	2.574	
11,500.00	6,967.77	11,403.39	6,956.85	141.02	140.53	-89.12	448.28	-5,293.91	709.22	427.49	281.73	2.517	
11,600.00	6,967.52	11,503.38	6,956.70	143.94	143.46	-89.13	448.59	-5,393.91	708.30	420.70	287.59	2.463	
11,700.00	6,967.26	11,603.38	6,956.55	146.86	146.40	-89.13	448.89	-5,493.90	707.38	413.91	293.46	2.410	
11,800.00	6,967.01	11,703.37	6,956.40	149.79	149.34	-89.14	449.19	-5,593.90	706.45	407.12	299.34	2.360	
11,900.00	6,966.75	11,803.37	6,956.24	152.72	152.28	-89.15	449.50	-5,693.89	705.53	400.32	305.21	2.312	
12,000.00	6,966.50	11,903.37	6,956.09	155.65	155.22	-89.16	449.80	-5,793.89	704.61	393.52	311.09	2.265	
12,100.00	6,966.24	12,003.36	6,955.94	158.58	158.16	-89.16	450.10	-5,893.88	703.69	386.72	316.96	2.220	
12,200.00	6,965.99	12,103.36	6,955.79	161.51	161.10	-89.17	450.41	-5,993.88	702.77	379.92	322.84	2.177	
12,300.00	6,965.73	12,203.35	6,955.63	164.44	164.04	-89.18	450.71	-6,093.87	701.84	373.12	328.73	2.135	
12,400.00	6,965.48	12,303.35	6,955.48	167.37	166.99	-89.18	451.02	-6,193.87	700.92	366.31	334.61	2.095	
12,500.00	6,965.22	12,403.34	6,955.33	170.31	169.93	-89.19	451.32	-6,293.86	700.00	359.51	340.49	2.056	
12,600.00	6,964.97	12,503.34	6,955.17	173.24	172.88	-89.20	451.62	-6,393.86	699.08	352.70	346.38	2.018	
12,700.00	6,964.72	12,603.34	6,955.02	176.18	175.82	-89.21	451.93	-6,493.85	698.16	345.89	352.27	1.982	
12,800.00	6,964.46	12,703.33	6,954.87	179.11	178.77	-89.21	452.23	-6,593.85	697.24	339.08	358.16	1.947	
12,900.00	6,964.21	12,803.33	6,954.72	182.05	181.72	-89.22	452.53	-6,693.85	696.31	332.27	364.05	1.913	
13,000.00	6,963.95	12,903.32	6,954.56	184.99	184.66	-89.23	452.84	-6,793.84	695.39	325.46	369.94	1.880	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft
Reference				Semi Major Axis			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)
13,100.00	6,963.70	13,003.32	6,954.41	187.93	187.61	-89.24	453.14	-6,893.84	694.47	318.64	375.83	1.848
13,200.00	6,963.44	13,103.31	6,954.26	190.87	190.56	-89.24	453.44	-6,993.83	693.55	311.83	381.72	1.817
13,300.00	6,963.19	13,203.31	6,954.11	193.81	193.51	-89.25	453.75	-7,093.83	692.63	305.01	387.62	1.787
13,400.00	6,962.93	13,303.31	6,953.95	196.75	196.46	-89.26	454.05	-7,193.82	691.70	298.19	393.51	1.758
13,500.00	6,962.68	13,403.30	6,953.80	199.69	199.41	-89.26	454.35	-7,293.82	690.78	291.38	399.41	1.730
13,600.00	6,962.42	13,503.30	6,953.65	202.64	202.36	-89.27	454.66	-7,393.81	689.86	284.56	405.30	1.702
13,700.00	6,962.17	13,603.29	6,953.50	205.58	205.31	-89.28	454.96	-7,493.81	688.94	277.74	411.20	1.675
13,800.00	6,961.91	13,703.29	6,953.34	208.52	208.26	-89.29	455.26	-7,593.80	688.02	270.92	417.10	1.650
13,900.00	6,961.66	13,803.28	6,953.19	211.47	211.21	-89.29	455.57	-7,693.80	687.10	264.10	423.00	1.624
14,000.00	6,961.41	13,903.28	6,953.04	214.41	214.16	-89.30	455.87	-7,793.79	686.17	257.27	428.90	1.600
14,100.00	6,961.15	14,003.28	6,952.88	217.35	217.11	-89.31	456.17	-7,893.79	685.25	250.45	434.80	1.576
14,200.00	6,960.90	14,103.27	6,952.73	220.30	220.07	-89.32	456.48	-7,993.78	684.33	243.63	440.70	1.553
14,300.00	6,960.64	14,203.27	6,952.58	223.25	223.02	-89.33	456.78	-8,093.78	683.41	236.80	446.61	1.530
14,400.00	6,960.39	14,303.26	6,952.43	226.19	225.97	-89.33	457.08	-8,193.77	682.49	229.98	452.51	1.508
14,500.00	6,960.13	14,403.26	6,952.27	229.14	228.92	-89.34	457.39	-8,293.77	681.57	223.15	458.41	1.487 Level 3
14,600.00	6,959.88	14,503.25	6,952.12	232.09	231.88	-89.35	457.69	-8,393.76	680.65	216.33	464.32	1.466 Level 3
14,700.00	6,959.62	14,603.25	6,951.97	235.03	234.83	-89.36	457.99	-8,493.76	679.72	209.50	470.22	1.446 Level 3
14,800.00	6,959.37	14,703.25	6,951.82	237.98	237.79	-89.36	458.30	-8,593.75	678.80	202.68	476.13	1.426 Level 3
14,900.00	6,959.11	14,803.24	6,951.66	240.93	240.74	-89.37	458.60	-8,693.75	677.88	195.85	482.03	1.406 Level 3
15,000.00	6,958.86	14,903.24	6,951.51	243.88	243.69	-89.38	458.91	-8,793.74	676.96	189.02	487.94	1.387 Level 3
15,100.00	6,958.61	15,003.23	6,951.36	246.83	246.65	-89.39	459.21	-8,893.74	676.04	182.19	493.85	1.369 Level 3
15,200.00	6,958.35	15,103.23	6,951.21	249.77	249.60	-89.39	459.51	-8,993.73	675.12	175.36	499.75	1.351 Level 3
15,300.00	6,958.10	15,203.22	6,951.05	252.72	252.56	-89.40	459.82	-9,093.73	674.19	168.53	505.66	1.333 Level 3
15,400.00	6,957.84	15,303.22	6,950.90	255.67	255.51	-89.41	460.12	-9,193.72	673.27	161.71	511.57	1.316 Level 3
15,500.00	6,957.59	15,403.22	6,950.75	258.62	258.47	-89.42	460.42	-9,293.72	672.35	154.88	517.48	1.299 Level 3
15,600.00	6,957.33	15,503.21	6,950.59	261.57	261.43	-89.43	460.73	-9,393.71	671.43	148.04	523.39	1.283 Level 3
15,700.00	6,957.08	15,603.21	6,950.44	264.52	264.38	-89.43	461.03	-9,493.71	670.51	141.21	529.30	1.267 Level 3
15,800.00	6,956.82	15,703.20	6,950.29	267.47	267.34	-89.44	461.33	-9,593.70	669.59	134.38	535.21	1.251 Level 3
15,900.00	6,956.57	15,803.20	6,950.14	270.43	270.29	-89.45	461.64	-9,693.70	668.67	127.55	541.12	1.236 Level 2
16,000.00	6,956.31	15,903.19	6,949.98	273.38	273.25	-89.46	461.94	-9,793.69	667.74	120.72	547.03	1.221 Level 2
16,100.00	6,956.06	16,003.19	6,949.83	276.33	276.21	-89.47	462.24	-9,893.69	666.82	113.89	552.94	1.206 Level 2
16,200.00	6,955.80	16,103.19	6,949.68	279.28	279.16	-89.47	462.55	-9,993.68	665.90	107.05	558.85	1.192 Level 2
16,300.00	6,955.55	16,203.18	6,949.53	282.23	282.12	-89.48	462.85	-10,093.68	664.98	100.22	564.76	1.177 Level 2
16,400.00	6,955.30	16,303.18	6,949.37	285.18	285.08	-89.49	463.15	-10,193.67	664.06	93.39	570.67	1.164 Level 2
16,500.00	6,955.04	16,403.17	6,949.22	288.13	288.04	-89.50	463.46	-10,293.67	663.14	86.55	576.58	1.150 Level 2
16,600.00	6,954.79	16,503.17	6,949.07	291.09	290.99	-89.51	463.76	-10,393.67	662.22	79.72	582.50	1.137 Level 2
16,700.00	6,954.53	16,603.16	6,948.92	294.04	293.95	-89.51	464.06	-10,493.66	661.30	72.89	588.41	1.124 Level 2
16,800.00	6,954.28	16,703.16	6,948.76	296.99	296.91	-89.52	464.37	-10,593.66	660.37	66.05	594.32	1.111 Level 2
16,900.00	6,954.02	16,803.16	6,948.61	299.95	299.87	-89.53	464.67	-10,693.65	659.45	59.22	600.24	1.099 Level 2
17,000.00	6,953.77	16,903.15	6,948.46	302.90	302.82	-89.54	464.97	-10,793.65	658.53	52.38	606.15	1.086 Level 2
17,100.00	6,953.51	17,003.15	6,948.30	305.85	305.78	-89.55	465.28	-10,893.64	657.61	45.55	612.06	1.074 Level 2
17,200.00	6,953.26	17,103.14	6,948.15	308.80	308.74	-89.56	465.58	-10,993.64	656.69	38.71	617.98	1.063 Level 2
17,300.00	6,953.00	17,203.14	6,948.00	311.76	311.70	-89.56	465.88	-11,093.63	655.77	31.88	623.89	1.051 Level 2
17,302.29	6,953.00	17,205.43	6,948.00	311.83	311.77	-89.56	465.89	-11,095.93	655.75	31.73	624.02	1.051 Level 2, ES, SF

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference				Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.00	0.00	3.28	3.28	-179.56	-179.96	-1.39	179.97						
100.00	100.00	100.00	100.00	3.28	3.28	-179.56	-179.96	-1.39	179.97	172.44	7.53	23.909			
200.00	200.00	200.00	200.00	3.30	3.30	-179.56	-179.96	-1.39	179.97	172.40	7.57	23.778			
200.00	200.00	200.00	200.00	3.30	3.30	-179.56	-179.96	-1.39	179.97	172.40	7.57	23.778	CC, ES		
300.00	300.00	297.91	297.91	3.35	3.34	-148.93	-180.24	-1.68	180.63	172.98	7.65	23.608	SF		
400.00	399.93	393.54	393.48	3.41	3.40	-148.69	-182.42	-4.01	185.93	178.16	7.77	23.930			
500.00	499.68	488.56	488.29	3.50	3.47	-148.25	-186.76	-8.63	196.50	188.56	7.93	24.768			
600.00	599.13	582.60	581.85	3.62	3.57	-147.66	-193.17	-15.45	212.30	204.16	8.14	26.074			
700.00	698.15	676.73	675.17	3.76	3.69	-146.99	-201.60	-24.43	233.18	224.78	8.40	27.764			
800.00	796.63	773.72	771.22	3.93	3.85	-146.64	-210.84	-34.27	257.51	248.79	8.71	29.561			
900.00	894.51	870.03	866.59	4.14	4.03	-146.77	-220.01	-44.04	284.37	275.30	9.07	31.356			
1,000.00	992.29	966.22	961.85	4.39	4.23	-147.08	-229.18	-53.80	311.67	302.22	9.45	32.980			
1,100.00	1,090.07	1,062.41	1,057.10	4.66	4.45	-147.33	-238.34	-63.56	338.97	329.11	9.87	34.361			
1,200.00	1,187.85	1,158.61	1,152.36	4.95	4.68	-147.54	-247.50	-73.32	366.28	355.97	10.31	35.531			
1,300.00	1,285.63	1,254.80	1,247.61	5.26	4.93	-147.73	-256.67	-83.07	393.59	382.82	10.78	36.519			
1,400.00	1,383.40	1,350.99	1,342.87	5.58	5.19	-147.89	-265.83	-92.83	420.91	409.64	11.27	37.353			
1,500.00	1,481.18	1,447.18	1,438.12	5.92	5.45	-148.03	-275.00	-102.59	448.23	436.45	11.78	38.061			
1,600.00	1,578.96	1,543.37	1,533.37	6.26	5.73	-148.16	-284.16	-112.35	475.55	463.25	12.30	38.655			
1,700.00	1,676.74	1,639.56	1,628.63	6.62	6.01	-148.27	-293.32	-122.11	502.88	490.03	12.84	39.160			
1,800.00	1,774.52	1,735.75	1,723.88	6.82	6.25	-148.37	-302.49	-131.87	530.20	517.19	13.01	40.738			
1,900.00	1,872.30	1,831.94	1,819.14	6.87	6.36	-148.46	-311.65	-141.63	557.53	544.55	12.98	42.967			
2,000.00	1,970.07	1,928.13	1,914.39	6.95	6.40	-148.54	-320.82	-151.39	584.85	571.80	13.06	44.792			
2,100.00	2,067.85	2,024.32	2,009.65	7.06	6.46	-148.62	-329.98	-161.14	612.18	599.01	13.17	46.471			
2,200.00	2,165.63	2,120.51	2,104.90	7.19	6.54	-148.68	-339.14	-170.90	639.51	626.19	13.32	48.000			
2,300.00	2,263.41	2,216.70	2,200.15	7.33	6.63	-148.75	-348.31	-180.66	666.84	653.34	13.51	49.375			
2,400.00	2,361.19	2,312.89	2,295.41	7.50	6.74	-148.80	-357.47	-190.42	694.17	680.45	13.72	50.598			
2,500.00	2,458.97	2,409.08	2,390.66	7.69	6.86	-148.86	-366.64	-200.18	721.51	707.54	13.96	51.674			
2,600.00	2,556.74	2,505.27	2,485.92	7.90	7.00	-148.91	-375.80	-209.94	748.84	734.60	14.23	52.611			
2,700.00	2,654.52	2,601.46	2,581.17	8.12	7.15	-148.95	-384.97	-219.70	776.17	761.64	14.53	53.410			
2,800.00	2,752.30	2,702.35	2,676.42	8.36	7.33	-149.00	-394.13	-229.46	803.50	788.64	14.86	54.061			
2,900.00	2,850.08	2,806.16	2,771.68	8.61	7.52	-149.04	-403.29	-239.21	830.84	815.61	15.22	54.578			
3,000.00	2,947.86	2,890.03	2,866.93	8.88	7.69	-149.07	-412.46	-248.97	858.17	842.60	15.57	55.116			
3,100.00	3,045.64	2,986.22	2,962.19	9.15	7.89	-149.11	-421.62	-258.73	885.50	869.55	15.96	55.489			
3,200.00	3,143.41	3,082.41	3,057.44	9.44	8.10	-149.14	-430.79	-268.49	912.84	896.47	16.37	55.780			
3,300.00	3,241.19	3,178.60	3,152.70	9.74	8.32	-149.17	-439.95	-278.25	940.17	923.38	16.79	56.000			
3,400.00	3,338.97	3,274.79	3,247.95	10.04	8.54	-149.20	-449.11	-288.01	967.51	950.28	17.23	56.157			
3,500.00	3,436.75	3,370.98	3,343.20	10.35	8.78	-149.23	-458.28	-297.77	994.84	977.16	17.68	56.259			
3,600.00	3,534.53	3,467.17	3,438.46	10.67	9.02	-149.26	-467.44	-307.53	1,022.18	1,004.03	18.15	56.314			
3,700.00	3,632.31	3,563.36	3,533.71	11.00	9.27	-149.28	-476.61	-317.28	1,049.51	1,030.88	18.63	56.329			
3,800.00	3,730.08	3,659.55	3,628.97	11.33	9.52	-149.30	-485.77	-327.04	1,076.85	1,057.73	19.12	56.309			
3,900.00	3,827.86	3,755.74	3,724.22	11.67	9.78	-149.33	-494.93	-336.80	1,104.19	1,084.56	19.63	56.259			
4,000.00	3,925.64	3,851.94	3,819.48	12.02	10.04	-149.35	-504.10	-346.56	1,131.52	1,111.38	20.14	56.185			
4,100.00	4,023.42	3,948.13	3,914.73	12.36	10.31	-149.37	-513.26	-356.32	1,158.86	1,138.20	20.66	56.089			
4,200.00	4,121.20	4,044.32	4,009.98	12.72	10.59	-149.39	-522.43	-366.08	1,186.19	1,165.00	21.19	55.976			

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	
0.00	0.00	0.00	0.00	3.28	3.28	-179.50	-159.94	-1.39	159.95					
100.00	100.00	100.00	100.00	3.28	3.28	-179.50	-159.94	-1.39	159.95	152.42	7.53	21.249		
200.00	200.00	200.00	200.00	3.30	3.30	-179.50	-159.94	-1.39	159.95	152.38	7.57	21.133		
200.00	200.00	200.00	200.00	3.30	3.30	-179.50	-159.94	-1.39	159.95	152.38	7.57	21.133	CC, ES	
300.00	300.00	298.54	298.53	3.35	3.34	-148.85	-160.16	-1.74	160.55	152.89	7.65	20.981	SF	
400.00	399.93	395.44	395.37	3.41	3.40	-148.45	-161.90	-4.52	165.36	157.58	7.77	21.275		
500.00	499.68	491.81	491.53	3.50	3.48	-147.70	-165.34	-10.04	174.98	167.04	7.94	22.037		
600.00	599.13	587.33	586.56	3.62	3.58	-146.72	-170.45	-18.22	189.39	181.24	8.15	23.226		
700.00	698.15	684.48	682.93	3.76	3.71	-145.77	-176.92	-28.57	208.11	199.69	8.42	24.713		
800.00	796.63	782.10	779.76	3.93	3.87	-145.37	-183.50	-39.09	229.75	221.01	8.74	26.293		
900.00	894.51	879.13	876.00	4.14	4.04	-145.51	-190.03	-49.55	253.91	244.81	9.10	27.898		
1,000.00	992.29	976.05	972.14	4.39	4.24	-145.81	-196.56	-59.99	278.50	269.01	9.49	29.346		
1,100.00	1,090.07	1,072.97	1,068.27	4.66	4.46	-146.06	-203.08	-70.43	303.09	293.18	9.91	30.578		
1,200.00	1,187.85	1,169.89	1,164.41	4.95	4.68	-146.28	-209.61	-80.88	327.69	317.32	10.36	31.620		
1,300.00	1,285.63	1,266.81	1,260.54	5.26	4.92	-146.47	-216.13	-91.32	352.29	341.45	10.84	32.501		
1,400.00	1,383.40	1,363.73	1,356.68	5.58	5.17	-146.63	-222.66	-101.77	376.89	365.55	11.34	33.245		
1,500.00	1,481.18	1,460.65	1,452.81	5.92	5.43	-146.77	-229.19	-112.21	401.50	389.65	11.85	33.875		
1,600.00	1,578.96	1,557.57	1,548.95	6.26	5.70	-146.90	-235.71	-122.65	426.11	413.72	12.38	34.406		
1,700.00	1,676.74	1,654.50	1,645.08	6.62	5.98	-147.01	-242.24	-133.10	450.72	437.79	12.93	34.856		
1,800.00	1,774.52	1,751.42	1,741.22	6.82	6.19	-147.11	-248.76	-143.54	475.33	462.24	13.09	36.322		
1,900.00	1,872.30	1,848.34	1,837.35	6.87	6.28	-147.20	-255.29	-153.99	499.94	486.91	13.03	38.369		
2,000.00	1,970.07	1,945.26	1,933.49	6.95	6.32	-147.28	-261.82	-164.43	524.56	511.44	13.12	39.995		
2,100.00	2,067.85	2,042.18	2,029.62	7.06	6.37	-147.36	-268.34	-174.87	549.17	535.94	13.24	41.490		
2,200.00	2,165.63	2,139.10	2,125.76	7.19	6.45	-147.42	-274.87	-185.32	573.79	560.40	13.39	42.849		
2,300.00	2,263.41	2,236.02	2,221.89	7.33	6.54	-147.49	-281.39	-195.76	598.41	584.83	13.58	44.070		
2,400.00	2,361.19	2,332.94	2,318.03	7.50	6.64	-147.54	-287.92	-206.20	623.02	609.23	13.80	45.154		
2,500.00	2,458.97	2,429.86	2,414.16	7.69	6.76	-147.60	-294.45	-216.65	647.64	633.60	14.05	46.107		
2,600.00	2,556.74	2,526.78	2,510.30	7.90	6.90	-147.65	-300.97	-227.09	672.26	657.94	14.32	46.933		
2,700.00	2,654.52	2,623.70	2,606.43	8.12	7.05	-147.69	-307.50	-237.54	696.88	682.25	14.63	47.641		
2,800.00	2,752.30	2,720.62	2,702.57	8.36	7.21	-147.74	-314.02	-247.98	721.50	706.54	14.96	48.240		
2,900.00	2,850.08	2,817.54	2,798.70	8.61	7.38	-147.78	-320.55	-258.42	746.12	730.81	15.31	48.739		
3,000.00	2,947.86	2,914.46	2,894.84	8.88	7.56	-147.81	-327.08	-268.87	770.74	755.06	15.68	49.148		
3,100.00	3,045.64	3,011.39	2,990.97	9.15	7.76	-147.85	-333.60	-279.31	795.36	779.28	16.08	49.476		
3,200.00	3,143.41	3,108.31	3,087.11	9.44	7.96	-147.88	-340.13	-289.76	819.98	803.49	16.49	49.732		
3,300.00	3,241.19	3,205.23	3,183.24	9.74	8.17	-147.91	-346.65	-300.20	844.60	827.68	16.92	49.925		
3,400.00	3,338.97	3,302.15	3,279.38	10.04	8.39	-147.94	-353.18	-310.64	869.22	851.86	17.36	50.062		
3,500.00	3,436.75	3,399.07	3,375.51	10.35	8.62	-147.97	-359.71	-321.09	893.84	876.02	17.82	50.151		
3,600.00	3,534.53	3,504.01	3,471.65	10.67	8.87	-148.00	-366.23	-331.53	918.47	900.15	18.32	50.148		
3,700.00	3,632.31	3,607.09	3,567.78	11.00	9.13	-148.02	-372.76	-341.97	943.09	924.27	18.82	50.121		
3,800.00	3,730.08	3,689.83	3,663.92	11.33	9.34	-148.04	-379.28	-352.42	967.71	948.43	19.28	50.191		
3,900.00	3,827.86	3,786.75	3,760.06	11.67	9.59	-148.07	-385.81	-362.86	992.33	972.54	19.79	50.146		
4,000.00	3,925.64	3,883.67	3,856.19	12.02	9.85	-148.09	-392.34	-373.31	1,016.95	996.65	20.31	50.079		
4,100.00	4,023.42	3,980.59	3,952.33	12.36	10.11	-148.11	-398.86	-383.75	1,041.58	1,020.74	20.83	49.993		
4,200.00	4,121.20	4,077.51	4,048.46	12.72	10.37	-148.13	-405.39	-394.19	1,066.20	1,044.83	21.37	49.892		
4,300.00	4,218.98	4,174.43	4,144.60	13.07	10.64	-148.15	-411.92	-404.64	1,090.82	1,068.91	21.91	49.779		
4,400.00	4,316.75	4,271.35	4,240.73	13.43	10.91	-148.16	-418.44	-415.08	1,115.44	1,092.98	22.46	49.655		
4,500.00	4,414.53	4,368.27	4,336.87	13.80	11.19	-148.18	-424.97	-425.53	1,140.06	1,117.04	23.02	49.523		
4,600.00	4,512.31	4,465.20	4,433.00	14.16	11.47	-148.20	-431.49	-435.97	1,164.69	1,141.10	23.58	49.384		
4,700.00	4,610.09	4,562.12	4,529.14	14.53	11.75	-148.21	-438.02	-446.41	1,189.31	1,165.16	24.15	49.240		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-134.52	-178.51	-181.54	254.60					
100.00	100.00	103.00	103.00	3.28	3.28	-134.52	-178.51	-181.54	254.60	247.08	7.53	33.823		
200.00	200.00	203.00	203.00	3.30	3.30	-134.52	-178.51	-181.54	254.60	247.03	7.57	33.635		
200.00	200.00	203.00	203.00	3.30	3.30	-134.52	-178.51	-181.54	254.60	247.03	7.57	33.635	CC, ES	
300.00	300.00	298.97	298.97	3.35	3.34	-103.96	-178.67	-181.93	255.13	247.48	7.65	33.342	SF	
400.00	399.93	391.24	391.18	3.41	3.40	-104.32	-179.81	-184.77	259.04	251.28	7.77	33.357		
500.00	499.68	483.12	482.86	3.50	3.47	-105.00	-182.06	-190.33	266.81	258.89	7.92	33.694		
600.00	599.13	574.36	573.66	3.62	3.56	-105.94	-185.38	-198.55	278.48	270.37	8.11	34.326		
700.00	698.15	664.71	663.27	3.76	3.68	-107.07	-189.73	-209.32	294.11	285.75	8.35	35.211		
800.00	796.63	753.96	751.36	3.93	3.83	-108.28	-195.07	-222.54	313.73	305.09	8.64	36.302		
900.00	894.51	841.93	837.73	4.14	4.02	-109.67	-201.34	-238.04	337.24	328.26	8.98	37.535		
1,000.00	992.29	928.89	922.55	4.39	4.23	-110.94	-208.50	-255.78	363.72	354.36	9.37	38.834		
1,100.00	1,090.07	1,019.06	1,009.93	4.66	4.50	-111.89	-216.84	-276.41	392.59	382.78	9.81	40.027		
1,200.00	1,187.85	1,114.49	1,102.30	4.95	4.81	-112.72	-225.82	-298.64	421.93	411.61	10.32	40.893		
1,300.00	1,285.63	1,209.92	1,194.67	5.26	5.15	-113.45	-234.80	-320.87	451.34	440.48	10.86	41.547		
1,400.00	1,383.40	1,305.35	1,287.04	5.58	5.52	-114.09	-243.78	-343.10	480.81	469.37	11.44	42.032		
1,500.00	1,481.18	1,400.78	1,379.41	5.92	5.90	-114.65	-252.76	-365.32	510.33	498.29	12.04	42.387		
1,600.00	1,578.96	1,503.79	1,471.78	6.26	6.32	-115.16	-261.74	-387.55	539.89	527.20	12.69	42.554		
1,700.00	1,676.74	1,608.36	1,564.15	6.62	6.77	-115.61	-270.72	-409.78	569.48	556.12	13.36	42.627		
1,800.00	1,774.52	1,687.07	1,656.52	6.82	7.11	-116.01	-279.70	-432.01	599.10	585.49	13.61	44.015		
1,900.00	1,872.30	1,782.50	1,748.89	6.87	7.37	-116.38	-288.68	-454.24	628.75	614.89	13.86	45.355		
2,000.00	1,970.07	1,877.93	1,841.26	6.95	7.47	-116.71	-297.67	-476.47	658.42	644.58	13.83	47.595		
2,100.00	2,067.85	1,973.36	1,933.63	7.06	7.57	-117.02	-306.65	-498.70	688.11	674.11	13.99	49.182		
2,200.00	2,165.63	2,068.79	2,026.00	7.19	7.69	-117.30	-315.63	-520.93	717.81	703.62	14.19	50.581		
2,300.00	2,263.41	2,164.22	2,118.37	7.33	7.84	-117.56	-324.61	-543.15	747.53	733.09	14.43	51.795		
2,400.00	2,361.19	2,259.65	2,210.74	7.50	8.02	-117.80	-333.59	-565.38	777.26	762.54	14.71	52.829		
2,500.00	2,458.97	2,355.08	2,303.10	7.69	8.22	-118.02	-342.57	-587.61	807.00	791.97	15.03	53.692		
2,600.00	2,556.74	2,450.51	2,395.47	7.90	8.44	-118.22	-351.55	-609.84	836.75	821.37	15.38	54.398		
2,700.00	2,654.52	2,545.94	2,487.84	8.12	8.69	-118.42	-360.53	-632.07	866.51	850.75	15.77	54.960		
2,800.00	2,752.30	2,641.37	2,580.21	8.36	8.95	-118.59	-369.51	-654.30	896.28	880.10	16.18	55.393		
2,900.00	2,850.08	2,736.80	2,672.58	8.61	9.23	-118.76	-378.49	-676.53	926.06	909.44	16.62	55.711		
3,000.00	2,947.86	2,832.23	2,764.95	8.88	9.53	-118.92	-387.47	-698.76	955.85	938.75	17.09	55.929		
3,100.00	3,045.64	2,927.66	2,857.32	9.15	9.85	-119.06	-396.45	-720.98	985.64	968.05	17.58	56.060		
3,200.00	3,143.41	3,023.09	2,949.69	9.44	10.17	-119.20	-405.43	-743.21	1,015.43	997.34	18.09	56.118		
3,300.00	3,241.19	3,118.52	3,042.06	9.74	10.51	-119.33	-414.42	-765.44	1,045.23	1,026.60	18.63	56.112		
3,400.00	3,338.97	3,213.95	3,134.43	10.04	10.86	-119.46	-423.40	-787.67	1,075.04	1,055.86	19.18	56.055		
3,500.00	3,436.75	3,309.38	3,226.80	10.35	11.22	-119.57	-432.38	-809.90	1,104.85	1,085.10	19.75	55.953		
3,600.00	3,534.53	3,404.81	3,319.17	10.67	11.59	-119.68	-441.36	-832.13	1,134.66	1,114.33	20.33	55.817		
3,700.00	3,632.31	3,500.24	3,411.54	11.00	11.96	-119.79	-450.34	-854.36	1,164.48	1,143.55	20.93	55.650		
3,800.00	3,730.08	3,604.33	3,503.91	11.33	12.38	-119.89	-459.32	-876.59	1,194.30	1,172.74	21.56	55.388		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+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	-131.16	-158.47	-181.26	240.77					
100.00	100.00	103.00	103.00	3.28	3.28	-131.16	-158.47	-181.26	240.77	233.24	7.53	31.985		
200.00	200.00	203.00	203.00	3.30	3.30	-131.16	-158.47	-181.26	240.77	233.20	7.57	31.807	CC	
204.32	204.32	207.32	207.32	3.30	3.30	-100.56	-158.47	-181.26	240.77	233.20	7.57	31.795	ES	
300.00	300.00	299.34	299.34	3.35	3.34	-100.60	-158.56	-181.68	241.25	233.60	7.65	31.526		
400.00	399.93	392.33	392.27	3.41	3.40	-100.93	-159.26	-184.71	244.84	237.07	7.77	31.521	SF	
500.00	499.68	484.99	484.73	3.50	3.47	-101.57	-160.62	-190.65	251.97	244.04	7.92	31.805		
600.00	599.13	577.12	576.41	3.62	3.57	-102.46	-162.63	-199.45	262.66	254.54	8.12	32.351		
700.00	698.15	668.52	667.04	3.76	3.69	-103.52	-165.28	-211.01	276.97	268.60	8.36	33.121		
800.00	796.63	759.00	756.32	3.93	3.85	-104.68	-168.54	-225.22	294.92	286.26	8.66	34.062		
900.00	894.51	848.41	844.07	4.14	4.03	-106.00	-172.37	-241.96	316.45	307.44	9.01	35.118		
1,000.00	992.29	936.96	930.39	4.39	4.26	-107.15	-176.77	-261.16	340.77	331.36	9.41	36.225		
1,100.00	1,090.07	1,031.37	1,021.95	4.66	4.54	-108.01	-181.90	-283.59	366.89	357.01	9.88	37.129		
1,200.00	1,187.85	1,127.74	1,115.40	4.95	4.85	-108.77	-187.16	-306.56	393.14	382.73	10.41	37.774		
1,300.00	1,285.63	1,224.11	1,208.85	5.26	5.19	-109.44	-192.42	-329.52	419.45	408.48	10.97	38.236		
1,400.00	1,383.40	1,320.48	1,302.29	5.58	5.56	-110.02	-197.68	-352.48	445.81	434.24	11.56	38.551		
1,500.00	1,481.18	1,416.84	1,395.74	5.92	5.93	-110.54	-202.94	-375.45	472.20	460.02	12.18	38.767		
1,600.00	1,578.96	1,513.21	1,489.18	6.26	6.33	-111.01	-208.20	-398.41	498.63	485.81	12.82	38.890		
1,700.00	1,676.74	1,609.58	1,582.63	6.62	6.73	-111.43	-213.46	-421.38	525.08	511.60	13.48	38.952		
1,800.00	1,774.52	1,705.95	1,676.07	6.82	7.13	-111.81	-218.72	-444.34	551.56	537.77	13.79	39.996		
1,900.00	1,872.30	1,802.32	1,769.52	6.87	7.36	-112.15	-223.98	-467.30	578.06	564.21	13.85	41.727		
2,000.00	1,970.07	1,901.31	1,862.97	6.95	7.43	-112.46	-229.24	-490.27	604.58	590.60	13.98	43.252		
2,100.00	2,067.85	1,995.06	1,956.41	7.06	7.52	-112.75	-234.50	-513.23	631.11	616.96	14.15	44.615		
2,200.00	2,165.63	2,108.57	2,049.86	7.19	7.67	-113.02	-239.76	-536.20	657.65	643.28	14.38	45.745		
2,300.00	2,263.41	2,187.80	2,143.30	7.33	7.80	-113.26	-245.02	-559.16	684.21	669.60	14.61	46.822		
2,400.00	2,361.19	2,284.17	2,236.75	7.50	7.98	-113.49	-250.28	-582.13	710.78	695.87	14.91	47.678		
2,500.00	2,458.97	2,380.54	2,330.19	7.69	8.18	-113.70	-255.53	-605.09	737.36	722.12	15.24	48.383		
2,600.00	2,556.74	2,476.91	2,423.64	7.90	8.41	-113.89	-260.79	-628.05	763.94	748.34	15.61	48.947		
2,700.00	2,654.52	2,573.28	2,517.09	8.12	8.66	-114.07	-266.05	-651.02	790.54	774.53	16.01	49.384		
2,800.00	2,752.30	2,669.65	2,610.53	8.36	8.92	-114.24	-271.31	-673.98	817.14	800.70	16.44	49.709		
2,900.00	2,850.08	2,766.02	2,703.98	8.61	9.20	-114.40	-276.57	-696.95	843.75	826.85	16.90	49.935		
3,000.00	2,947.86	2,862.39	2,797.42	8.88	9.50	-114.55	-281.83	-719.91	870.36	852.98	17.38	50.074		
3,100.00	3,045.64	2,958.76	2,890.87	9.15	9.81	-114.69	-287.09	-742.87	896.98	879.09	17.89	50.140		
3,200.00	3,143.41	3,055.13	2,984.31	9.44	10.14	-114.82	-292.35	-765.84	923.60	905.18	18.42	50.144		
3,300.00	3,241.19	3,151.50	3,077.76	9.74	10.47	-114.95	-297.61	-788.80	950.23	931.26	18.97	50.095		
3,400.00	3,338.97	3,247.87	3,171.21	10.04	10.82	-115.07	-302.87	-811.77	976.86	957.32	19.54	50.003		
3,500.00	3,436.75	3,344.24	3,264.65	10.35	11.18	-115.18	-308.13	-834.73	1,003.49	983.37	20.12	49.875		
3,600.00	3,534.53	3,440.61	3,358.10	10.67	11.54	-115.28	-313.39	-857.69	1,030.13	1,009.41	20.72	49.717		
3,700.00	3,632.31	3,536.98	3,451.54	11.00	11.92	-115.39	-318.65	-880.66	1,056.77	1,035.44	21.33	49.537		
3,800.00	3,730.08	3,633.35	3,544.99	11.33	12.30	-115.48	-323.91	-903.62	1,083.42	1,061.46	21.96	49.338		
3,900.00	3,827.86	3,729.72	3,638.43	11.67	12.68	-115.57	-329.17	-926.59	1,110.06	1,087.47	22.60	49.125		
4,000.00	3,925.64	3,826.09	3,731.88	12.02	13.08	-115.66	-334.42	-949.55	1,136.71	1,113.47	23.24	48.902		
4,100.00	4,023.42	3,922.46	3,825.33	12.36	13.47	-115.74	-339.68	-972.51	1,163.37	1,139.46	23.90	48.670		
4,200.00	4,121.20	4,018.83	3,918.77	12.72	13.88	-115.82	-344.94	-995.48	1,190.02	1,165.45	24.57	48.434		

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 Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00			3.28	3.28	42.75	720.59	666.00	981.52					
100.00	100.00	75.12	75.12	3.28	3.28	42.77	720.34	666.32	981.26	973.90	7.35	133.423		
200.00	200.00	177.12	177.11	3.30	3.29	42.84	719.48	667.29	981.29	973.90	7.39	132.868		
300.00	300.00	287.80	287.78	3.35	3.32	73.55	718.22	667.70	980.59	973.14	7.46	131.512		
400.00	399.93	402.94	402.90	3.41	3.37	73.87	716.19	666.56	977.65	970.08	7.57	129.193		
500.00	499.68	509.95	509.85	3.50	3.43	74.34	714.24	663.75	972.60	964.89	7.71	126.077		
600.00	599.13	607.43	607.26	3.62	3.49	74.95	712.98	660.31	966.43	958.54	7.89	122.413		
700.00	698.15	704.09	703.85	3.76	3.57	75.73	712.32	656.58	959.66	951.54	8.11	118.262		
800.00	796.63	802.99	802.67	3.93	3.66	76.74	711.76	652.77	952.30	943.92	8.38	113.628		
900.00	894.51	898.04	897.66	4.14	3.76	77.86	711.09	649.44	944.65	935.96	8.69	108.695		
1,000.00	992.29	995.79	995.36	4.39	3.86	79.01	710.14	646.49	937.42	928.38	9.04	103.659		
1,100.00	1,090.07	1,093.51	1,093.03	4.66	3.98	80.19	709.03	643.70	930.60	921.17	9.43	98.692		
1,200.00	1,187.85	1,193.23	1,192.70	4.95	4.11	81.41	707.84	640.78	924.11	914.26	9.85	93.851		
1,300.00	1,285.63	1,290.15	1,289.57	5.26	4.24	82.60	706.75	637.80	917.97	907.68	10.29	89.252		
1,400.00	1,383.40	1,388.01	1,387.38	5.58	4.37	83.78	706.08	634.54	912.31	901.56	10.75	84.900		
1,500.00	1,481.18	1,484.50	1,483.81	5.92	4.52	84.95	705.64	631.24	907.13	895.91	11.22	80.832		
1,600.00	1,578.96	1,582.36	1,581.61	6.26	4.66	86.14	705.40	627.89	902.47	890.76	11.72	77.029		
1,700.00	1,676.74	1,684.67	1,683.86	6.62	4.82	87.41	704.81	624.37	898.02	885.80	12.23	73.435		
1,800.00	1,774.52	1,777.17	1,776.31	6.82	4.97	88.59	704.07	621.25	893.95	881.58	12.37	72.274		
1,900.00	1,872.30	1,870.71	1,869.80	6.87	5.13	89.76	704.00	618.42	890.97	878.39	12.58	70.830		
2,000.00	1,970.07	1,969.38	1,968.42	6.95	5.30	90.98	704.35	615.47	888.65	875.83	12.82	69.296		
2,100.00	2,067.85	2,067.50	2,066.50	7.06	5.46	92.21	704.39	612.55	886.62	873.52	13.09	67.708		
2,200.00	2,165.63	2,164.00	2,162.96	7.19	5.63	93.43	704.53	609.76	885.12	871.73	13.39	66.114		
2,300.00	2,263.41	2,263.25	2,262.17	7.33	5.81	94.67	704.83	606.91	884.15	870.44	13.71	64.497		
2,400.00	2,361.19	2,363.65	2,362.52	7.50	5.99	95.91	705.40	603.59	883.33	869.28	14.05	62.860		
2,500.00	2,458.97	2,462.20	2,460.99	7.69	6.17	97.11	706.18	600.06	882.76	868.34	14.41	61.247		
2,572.91	2,530.26	2,533.14	2,531.89	7.84	6.30	97.96	706.78	597.54	882.62	867.93	14.69	60.092	CC	
2,600.00	2,556.74	2,559.37	2,558.10	7.90	6.35	98.28	707.00	596.62	882.64	867.85	14.79	59.679	ES	
2,700.00	2,654.52	2,656.57	2,655.25	8.12	6.53	99.47	707.78	593.35	883.05	867.87	15.18	58.163		
2,800.00	2,752.30	2,753.68	2,752.31	8.36	6.72	100.65	708.50	590.21	883.97	868.38	15.59	56.702		
2,900.00	2,850.08	2,849.48	2,848.05	8.61	6.90	101.82	709.28	587.27	885.46	869.45	16.01	55.316		
3,000.00	2,947.86	2,946.01	2,944.55	8.88	7.08	103.00	710.04	584.62	887.66	871.22	16.44	54.002		
3,100.00	3,045.64	3,045.00	3,043.49	9.15	7.27	104.20	710.80	581.93	890.26	873.38	16.88	52.734		
3,200.00	3,143.41	3,145.85	3,144.30	9.44	7.47	105.44	711.33	579.08	893.11	875.77	17.34	51.507		
3,300.00	3,241.19	3,248.40	3,246.79	9.74	7.67	106.70	711.56	575.79	895.92	878.12	17.81	50.312		
3,400.00	3,338.97	3,345.73	3,344.07	10.04	7.86	107.88	711.78	572.32	898.80	880.53	18.27	49.189		
3,500.00	3,436.75	3,440.67	3,438.96	10.35	8.05	109.02	712.11	569.36	902.54	883.80	18.74	48.164		
3,600.00	3,534.53	3,539.93	3,538.17	10.67	8.25	110.21	712.37	566.31	906.68	887.47	19.22	47.179		
3,700.00	3,632.31	3,637.50	3,635.69	11.00	8.45	111.35	713.04	563.13	911.13	891.43	19.70	46.255		
3,800.00	3,730.08	3,734.70	3,732.84	11.33	8.64	112.46	713.77	560.20	916.17	895.99	20.18	45.398		
3,900.00	3,827.86	3,836.99	3,835.08	11.67	8.85	113.65	714.14	556.91	921.34	900.66	20.68	44.561		
4,000.00	3,925.64	3,937.98	3,936.00	12.02	9.05	114.80	714.43	553.21	926.43	905.26	21.17	43.760		
4,100.00	4,023.42	4,035.58	4,033.53	12.36	9.25	115.92	714.46	549.58	931.82	910.16	21.66	43.019		
4,200.00	4,121.20	4,132.12	4,130.01	12.72	9.45	117.04	714.12	546.13	937.69	915.55	22.15	42.336		
4,300.00	4,218.98	4,227.97	4,225.81	13.07	9.64	118.13	713.93	542.88	944.13	921.49	22.64	41.708		
4,400.00	4,316.75	4,323.01	4,320.80	13.43	9.84	119.19	713.85	539.93	951.21	928.09	23.12	41.137		
4,500.00	4,414.53	4,420.36	4,418.11	13.80	10.04	120.26	713.77	537.19	958.92	935.31	23.61	40.607		
4,600.00	4,512.31	4,527.62	4,525.31	14.16	10.26	121.39	714.14	533.62	966.47	942.34	24.13	40.056		
4,700.00	4,610.09	4,633.26	4,630.85	14.53	10.48	122.44	715.38	529.08	973.35	948.71	24.64	39.502		
4,800.00	4,707.87	4,731.92	4,729.39	14.90	10.68	123.38	717.03	524.58	980.24	955.10	25.14	38.991		
4,900.00	4,805.65	4,829.44	4,826.79	15.28	10.89	124.27	719.06	520.17	987.40	961.76	25.64	38.512		
5,000.00	4,903.42	4,924.68	4,921.93	15.65	11.08	125.15	720.64	516.06	995.05	968.91	26.13	38.078		
5,100.00	5,001.20	5,019.32	5,016.48	16.03	11.28	126.02	722.05	512.29	1,003.29	976.66	26.62	37.686		
5,200.00	5,098.98	5,113.08	5,110.17	16.41	11.48	126.87	723.37	508.94	1,012.18	985.07	27.11	37.336		
5,300.00	5,196.76	5,205.98	5,203.02	16.79	11.67	127.71	724.43	506.07	1,021.83	994.24	27.59	37.030		
5,400.00	5,294.54	5,303.69	5,300.68	17.18	11.87	128.58	725.40	503.30	1,032.00	1,003.91	28.09	36.740		
5,500.00	5,392.32	5,398.11	5,395.06	17.56	12.07	129.39	726.55	500.87	1,042.61	1,014.03	28.58	36.484		
5,600.00	5,490.09	5,506.62	5,503.52	17.95	12.30	130.28	728.37	497.82	1,053.15	1,024.05	29.10	36.191		
5,700.00	5,587.87	5,611.77	5,608.58	18.34	12.52	131.11	730.51	494.08	1,063.11	1,033.49	29.61	35.898		
5,800.00	5,685.65	5,696.39	5,693.14	18.73	12.70	131.78	732.07	491.42	1,073.68	1,043.59	30.08	35.693		
5,900.00	5,783.43	5,792.61	5,789.33	19.12	12.90	132.54	733.39	488.92	1,085.08	1,054.51	30.57	35.492		
6,000.00	5,881.21	5,891.96	5,888.63	19.51	13.11	133.32	734.48	486.31	1,096.72	1,065.65	31.07	35.297		
6,100.00	5,978.99	5,990.22	5,986.85	19.90	13.31	134.07	735.68	483.70	1,108.48	1,076.92	31.57	35.115		
6,200.00	6,076.76	6,084.39	6,080.98	20.30	13.51	134.76	737.00	481.39	1,120.60	1,088.55	32.05	34.960		
6,300.00	6,174.54	6,176.04	6,172.61	20.69	13.71	135.43	738.08	479.55	1,133.36	1,100.83	32.53	34.838		
6,400.00	6,272.32	6,269.68	6,266.23	21.09	13.90	136.10	738.88	478.10	1,146.82	1,113.80	33.02	34.736		

Offset Design		5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,370.10	6,368.00	6,364.53	21.49	14.11	136.78	739.99	476.86	1,160.65	1,127.14	33.51	34.634	
6,600.00	6,467.61	6,474.65	6,471.16	21.89	14.33	152.88	742.14	475.43	1,176.20	1,142.17	34.04	34.558 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 (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	44.47	684.16	671.57	958.96					
100.00	100.00	79.62	79.62	3.28	3.28	44.47	684.02	671.55	958.58	951.23	7.35	130.337		
200.00	200.00	178.09	178.08	3.30	3.29	44.48	683.82	671.41	958.34	950.95	7.39	129.755		
300.00	300.00	280.60	280.60	3.35	3.32	75.09	683.92	671.04	958.04	950.59	7.45	128.519		
400.00	399.93	380.86	380.86	3.41	3.36	75.30	683.78	670.57	956.72	949.16	7.56	126.579		
500.00	499.68	480.19	480.19	3.50	3.41	75.74	683.51	670.30	954.58	946.88	7.70	124.005		
600.00	599.13	573.42	573.42	3.62	3.47	76.38	683.26	670.41	951.95	944.08	7.87	120.965		
700.00	698.15	672.99	672.98	3.76	3.54	77.26	683.41	670.79	949.13	941.04	8.09	117.388		
800.00	796.63	772.64	772.63	3.93	3.63	78.38	683.17	671.19	945.54	937.20	8.35	113.281		
900.00	894.51	870.04	870.04	4.14	3.72	79.63	682.98	671.52	941.69	933.03	8.65	108.813		
1,000.00	992.29	967.25	967.25	4.39	3.82	80.86	683.00	671.75	938.25	929.25	9.00	104.229		
1,100.00	1,090.07	1,065.22	1,065.21	4.66	3.93	82.08	683.39	671.70	935.30	925.92	9.38	99.672		
1,200.00	1,187.85	1,171.58	1,171.57	4.95	4.06	83.44	683.34	671.57	932.48	922.67	9.80	95.103		
1,300.00	1,285.63	1,277.65	1,277.62	5.26	4.20	84.91	681.05	671.66	929.04	918.79	10.25	90.631		
1,400.00	1,383.40	1,386.09	1,385.92	5.58	4.35	86.60	675.82	672.49	925.26	914.54	10.72	86.305		
1,500.00	1,481.18	1,496.80	1,496.23	5.92	4.51	88.55	666.72	673.95	920.82	909.61	11.21	82.136		
1,600.00	1,578.96	1,595.97	1,594.69	6.26	4.66	90.52	655.12	676.18	916.32	904.62	11.70	78.302		
1,700.00	1,676.74	1,701.35	1,698.82	6.62	4.83	92.84	639.26	679.65	912.25	900.04	12.21	74.693		
1,800.00	1,774.52	1,809.86	1,805.53	6.82	5.00	95.40	619.92	683.01	908.25	895.88	12.37	73.441		
1,900.00	1,872.30	1,921.15	1,914.15	6.87	5.19	98.27	595.87	685.81	903.83	891.24	12.59	71.774		
2,000.00	1,970.07	2,012.63	2,002.84	6.95	5.35	100.78	573.62	688.25	900.53	887.71	12.82	70.236		
2,100.00	2,067.85	2,104.71	2,091.61	7.06	5.51	103.44	549.30	691.20	899.18	886.11	13.07	68.799		
2,116.68	2,084.16	2,120.14	2,106.42	7.08	5.54	103.89	545.04	691.73	899.15	886.04	13.11	68.560	CC, ES	
2,200.00	2,165.63	2,196.48	2,179.55	7.19	5.67	106.19	523.27	694.39	899.88	886.54	13.34	67.466		
2,300.00	2,263.41	2,290.14	2,268.89	7.33	5.85	109.06	495.37	697.50	902.65	889.02	13.63	66.220		
2,400.00	2,361.19	2,384.10	2,357.94	7.50	6.04	112.03	465.51	700.29	907.41	893.47	13.94	65.075		
2,500.00	2,458.97	2,475.28	2,443.49	7.69	6.24	115.02	434.07	702.70	914.39	900.12	14.27	64.080		
2,600.00	2,556.74	2,550.31	2,513.45	7.90	6.41	117.51	407.04	704.76	924.34	909.76	14.58	63.409		
2,700.00	2,654.52	2,619.27	2,577.38	8.12	6.57	119.82	381.35	707.75	938.61	923.73	14.88	63.097		
2,800.00	2,752.30	2,688.29	2,640.77	8.36	6.74	122.15	354.36	711.69	957.12	941.94	15.17	63.075	SF	
2,900.00	2,850.08	2,757.80	2,704.01	8.61	6.91	124.50	325.90	716.45	979.76	964.29	15.48	63.310		
3,000.00	2,947.86	2,861.42	2,798.08	8.88	7.19	127.91	283.07	723.77	1,005.78	989.90	15.88	63.326		
3,100.00	3,045.64	2,957.18	2,886.62	9.15	7.45	130.76	246.86	728.04	1,031.43	1,015.15	16.28	63.364		
3,200.00	3,143.41	3,028.16	2,952.44	9.44	7.65	132.76	220.57	731.75	1,059.89	1,043.29	16.60	63.852		
3,300.00	3,241.19	3,093.67	3,013.05	9.74	7.83	134.54	196.08	736.13	1,091.65	1,074.75	16.90	64.589		
3,400.00	3,338.97	3,184.69	3,097.58	10.04	8.10	136.84	163.11	743.17	1,125.74	1,108.44	17.30	65.079		
3,500.00	3,436.75	3,290.99	3,197.10	10.35	8.41	139.30	126.49	750.62	1,160.23	1,142.48	17.76	65.335		
3,600.00	3,534.53	3,379.82	3,280.10	10.67	8.67	141.30	95.20	755.34	1,195.09	1,176.93	18.16	65.808		

Offset Design											5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys		Offset Site Error:	0.00 usft
Survey Program:											100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance		Minimum Separation		Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-50.86	443.72	-545.17	703.06					
100.00	100.00	84.45	84.45	3.28	3.28	-50.86	443.78	-545.24	703.01	695.66	7.35	95.586		
200.00	200.00	183.26	183.26	3.30	3.29	-50.87	443.83	-545.59	703.33	695.94	7.39	95.213		
300.00	300.00	281.36	281.36	3.35	3.32	-20.33	443.72	-546.33	703.43	695.97	7.46	94.355		
400.00	399.93	375.84	375.83	3.41	3.36	-20.49	443.85	-547.44	701.16	693.61	7.56	92.787		
500.00	499.68	479.79	479.77	3.50	3.41	-20.83	443.83	-549.24	695.97	688.27	7.70	90.377		
600.00	599.13	580.49	580.45	3.62	3.48	-21.36	442.85	-550.88	686.89	679.01	7.88	87.187		
700.00	698.15	683.78	683.72	3.76	3.56	-22.06	441.71	-552.34	674.37	666.28	8.09	83.317		
800.00	796.63	780.66	780.57	3.93	3.64	-22.93	440.07	-553.72	658.40	650.07	8.34	78.973		
900.00	894.51	879.07	878.97	4.14	3.74	-23.88	438.85	-555.02	639.90	631.28	8.62	74.263		
1,000.00	992.29	977.04	976.92	4.39	3.85	-24.84	437.44	-556.28	620.94	612.03	8.91	69.661		
1,100.00	1,090.07	1,070.84	1,070.70	4.66	3.96	-25.80	436.27	-557.63	602.39	593.16	9.23	65.249		
1,200.00	1,187.85	1,166.44	1,166.28	4.95	4.08	-26.85	435.42	-559.54	584.68	575.10	9.58	61.038		
1,300.00	1,285.63	1,265.87	1,265.70	5.26	4.21	-27.92	435.22	-561.13	567.20	557.25	9.95	56.979		
1,400.00	1,383.40	1,363.07	1,362.88	5.58	4.35	-29.00	435.12	-562.34	549.68	539.33	10.35	53.120		
1,500.00	1,481.18	1,460.23	1,460.03	5.92	4.49	-30.22	434.69	-564.08	532.67	521.91	10.76	49.501		
1,600.00	1,578.96	1,556.34	1,556.13	6.26	4.63	-31.44	434.74	-565.64	515.99	504.80	11.19	46.111		
1,700.00	1,676.74	1,653.66	1,653.43	6.62	4.78	-32.72	435.31	-567.43	500.01	488.37	11.64	42.960		
1,800.00	1,774.52	1,752.37	1,752.12	6.82	4.94	-34.04	436.24	-568.91	484.14	472.37	11.77	41.149		
1,900.00	1,872.30	1,852.32	1,852.06	6.87	5.10	-35.44	437.36	-570.19	468.41	456.43	11.98	39.104		
2,000.00	1,970.07	1,950.87	1,950.60	6.95	5.27	-36.92	438.20	-571.02	452.46	440.25	12.22	37.038		
2,100.00	2,067.85	2,050.45	2,050.17	7.06	5.44	-38.53	439.10	-571.98	436.97	424.49	12.48	35.007		
2,200.00	2,165.63	2,151.45	2,151.17	7.19	5.61	-40.28	439.67	-572.15	420.98	408.21	12.78	32.951		
2,300.00	2,263.41	2,250.31	2,250.03	7.33	5.78	-42.10	440.32	-571.90	405.03	391.94	13.09	30.942		
2,400.00	2,361.19	2,347.46	2,347.18	7.50	5.95	-44.09	440.56	-571.65	389.39	375.96	13.43	28.996		
2,500.00	2,458.97	2,442.99	2,442.71	7.69	6.12	-46.38	439.77	-572.15	374.76	360.96	13.80	27.161		
2,600.00	2,556.74	2,540.66	2,540.36	7.90	6.29	-48.96	438.69	-573.19	361.26	347.06	14.20	25.439		
2,700.00	2,654.52	2,638.86	2,638.56	8.12	6.48	-51.59	438.46	-573.63	348.09	333.46	14.63	23.792		
2,800.00	2,752.30	2,734.62	2,734.31	8.36	6.66	-54.28	438.60	-574.56	336.26	321.17	15.08	22.295		
2,900.00	2,850.08	2,833.19	2,832.88	8.61	6.84	-57.26	438.67	-575.71	325.45	309.89	15.56	20.911		
3,000.00	2,947.86	2,932.71	2,932.40	8.88	7.03	-60.50	438.51	-576.38	315.12	299.05	16.07	19.608		
3,100.00	3,045.64	3,029.92	3,029.60	9.15	7.22	-63.81	438.66	-576.79	305.58	288.99	16.59	18.417		
3,200.00	3,143.41	3,125.18	3,124.86	9.44	7.41	-67.26	438.63	-577.94	297.95	280.82	17.13	17.395		
3,300.00	3,241.19	3,222.74	3,222.40	9.74	7.60	-71.02	438.17	-579.41	291.93	274.25	17.68	16.509		
3,400.00	3,338.97	3,319.74	3,319.39	10.04	7.79	-75.06	436.82	-580.87	287.51	269.26	18.25	15.757		
3,500.00	3,436.75	3,417.20	3,416.82	10.35	7.98	-79.35	434.79	-582.32	284.85	266.04	18.81	15.142		
3,600.00	3,534.53	3,515.97	3,515.56	10.67	8.17	-83.70	433.03	-583.64	283.65	264.28	19.38	14.639		
3,639.19	3,572.85	3,554.51	3,554.09	10.80	8.25	-85.41	432.37	-584.06	283.54	263.95	19.59	14.471	CC	
3,700.00	3,632.31	3,613.99	3,613.55	11.00	8.37	-88.09	431.17	-584.54	283.83	263.90	19.93	14.243	ES	
3,800.00	3,730.08	3,710.80	3,710.35	11.33	8.56	-92.38	429.35	-585.54	285.81	265.35	20.46	13.970		
3,900.00	3,827.86	3,808.15	3,807.68	11.67	8.75	-96.49	427.95	-587.04	289.60	268.63	20.98	13.807		
4,000.00	3,925.64	3,905.55	3,905.05	12.02	8.95	-100.48	426.48	-588.58	294.99	273.52	21.47	13.738	SF	
4,100.00	4,023.42	4,002.21	4,001.68	12.36	9.14	-104.38	424.53	-589.94	302.07	280.12	21.95	13.762		
4,200.00	4,121.20	4,103.01	4,102.45	12.72	9.35	-108.29	422.63	-590.92	310.18	287.75	22.42	13.833		
4,300.00	4,218.98	4,203.99	4,203.43	13.07	9.55	-111.99	421.63	-591.31	318.57	295.69	22.88	13.923		
4,400.00	4,316.75	4,302.96	4,302.40	13.43	9.75	-115.40	421.28	-591.34	327.47	304.15	23.32	14.043		
4,500.00	4,414.53	4,400.29	4,399.73	13.80	9.94	-118.54	421.14	-591.47	337.34	313.60	23.74	14.207		
4,600.00	4,512.31	4,496.32	4,495.76	14.16	10.14	-121.43	420.86	-591.93	348.49	324.33	24.16	14.424		
4,700.00	4,610.09	4,590.43	4,589.86	14.53	10.33	-124.16	419.77	-592.29	361.25	336.69	24.56	14.708		
4,800.00	4,707.87	4,691.41	4,690.82	14.90	10.54	-127.04	418.06	-591.75	375.00	350.03	24.98	15.015		
4,900.00	4,805.65	4,786.03	4,785.42	15.28	10.72	-129.70	416.37	-590.24	389.32	363.96	25.36	15.353		
5,000.00	4,903.42	4,884.84	4,884.18	15.65	10.92	-132.35	414.15	-588.26	404.80	379.05	25.75	15.720		
5,100.00	5,001.20	4,983.12	4,982.43	16.03	11.12	-134.73	412.49	-586.63	420.61	394.46	26.15	16.084		
5,200.00	5,098.98	5,084.06	5,083.36	16.41	11.33	-136.81	411.54	-586.19	436.61	410.03	26.58	16.429		
5,300.00	5,196.76	5,185.40	5,184.70	16.79	11.53	-138.61	411.68	-586.68	452.24	425.23	27.01	16.742		
5,400.00	5,294.54	5,284.41	5,283.70	17.18	11.74	-140.18	412.43	-587.68	467.72	440.27	27.45	17.039		
5,500.00	5,392.32	5,382.35	5,381.63	17.56	11.94	-141.58	413.31	-589.00	483.43	455.54	27.89	17.335		
5,600.00	5,490.09	5,483.61	5,482.88	17.95	12.15	-143.00	414.39	-589.90	499.20	470.86	28.34	17.615		
5,700.00	5,587.87	5,582.77	5,582.03	18.34	12.35	-144.34	415.94	-590.31	514.71	485.92	28.78	17.882		
5,800.00	5,685.65	5,683.29	5,682.53	18.73	12.56	-145.63	417.77	-590.73	530.23	500.99	29.24	18.137		
5,900.00	5,783.43	5,786.35	5,785.54	19.12	12.77	-146.75	420.39	-592.21	545.31	515.60	29.71	18.356		
6,000.00	5,881.21	5,880.70	5,879.84	19.51	12.96	-147.65	423.02	-594.28	560.35	530.19	30.16	18.579		
6,100.00	5,978.99	5,981.91	5,980.98	19.90	13.17	-148.52	425.46	-596.93	575.91	545.27	30.64	18.794		
6,200.00	6,076.76	6,078.58	6,077.57	20.30	13.37	-149.30	428.12	-599.57	591.25	560.13	31.11	19.003		
6,300.00	6,174.54	6,183.78	6,182.68	20.69	13.59	-150.05	431.13	-603.00	606.58	574.96	31.62	19.184		
6,400.00	6,272.32	6,280.47	6,279.26	21.09	13.79	-150.73	434.60	-605.89	621.27	589.18	32.10	19.357		

Offset Design											5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys		Offset Site Error:	0.00 usft
Survey Program:											100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2° CONE_2.448		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
6,500.00	6,370.10	6,371.91	6,370.65	21.49	13.98	-151.45	437.18	-607.46	636.87	604.32	32.55	19.567		
6,600.00	6,467.61	6,460.59	6,459.32	21.89	14.17	-136.33	438.58	-608.14	653.91	620.93	32.98	19.829		
6,700.00	6,562.43	6,547.44	6,546.17	22.34	14.34	-120.28	438.78	-607.90	673.13	639.75	33.38	20.166		
6,800.00	6,652.07	6,633.72	6,632.44	22.91	14.52	-113.55	438.29	-606.72	695.20	661.41	33.80	20.570		
6,900.00	6,734.32	6,716.34	6,715.05	23.59	14.69	-110.60	437.95	-605.60	720.86	686.61	34.25	21.048		
7,000.00	6,807.15	6,781.88	6,780.58	24.42	14.82	-108.55	437.40	-604.65	752.35	717.66	34.69	21.685		
7,100.00	6,868.78	6,845.35	6,844.03	25.42	14.95	-107.01	436.66	-603.57	791.01	755.79	35.22	22.460		
7,200.00	6,917.68	6,898.71	6,897.39	26.62	15.06	-104.87	436.49	-602.64	836.97	801.19	35.78	23.393		
7,300.00	6,952.66	6,930.39	6,929.06	28.05	15.12	-100.79	436.53	-602.02	890.51	854.23	36.28	24.544		
7,400.00	6,972.84	6,947.22	6,945.88	29.69	15.16	-94.91	436.56	-601.64	950.82	914.10	36.73	25.890		
7,500.00	6,977.95	6,949.72	6,948.38	31.48	15.16	-88.68	436.56	-601.58	1,016.15	979.08	37.07	27.409		
7,600.00	6,977.70	6,947.27	6,945.93	33.43	15.16	-88.49	436.56	-601.64	1,086.13	1,048.75	37.39	29.051		
7,700.00	6,977.44	6,944.88	6,943.54	35.52	15.15	-88.31	436.55	-601.69	1,160.51	1,122.83	37.68	30.800		

Offset Design											Offset Site Error:	0.00 usft	
5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys											Offset Well Error:	3.28 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448													
Reference		Offset		Semi Major Axis			Distance						
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	-133.66	-536.24	-561.90	776.90				
100.00	100.00	82.97	82.97	3.28	3.28	-133.68	-536.40	-561.76	776.72	769.36	7.35	105.608	
200.00	200.00	184.53	184.53	3.30	3.29	-133.72	-536.72	-561.34	776.64	769.25	7.39	105.139	
275.99	275.99	260.40	260.40	3.33	3.31	-103.17	-536.75	-561.09	776.59	769.16	7.44	104.441	
300.00	300.00	284.26	284.25	3.35	3.32	-103.16	-536.73	-561.05	776.54	769.08	7.46	104.158	CC, ES
400.00	399.93	382.30	382.29	3.41	3.36	-103.38	-536.58	-561.12	777.29	769.73	7.56	102.843	
500.00	499.68	478.81	478.81	3.50	3.41	-103.80	-536.50	-561.57	779.21	771.51	7.70	101.262	
600.00	599.13	577.99	577.99	3.62	3.47	-104.43	-536.44	-562.41	782.33	774.46	7.87	99.394	
700.00	698.15	677.25	677.23	3.76	3.54	-105.28	-536.34	-563.23	786.44	778.36	8.09	97.233	
800.00	796.63	776.94	776.93	3.93	3.63	-106.34	-536.15	-564.07	791.68	783.33	8.35	94.801	
900.00	894.51	874.67	874.65	4.14	3.73	-107.60	-535.90	-564.82	798.09	789.44	8.66	92.169	
1,000.00	992.29	972.69	972.67	4.39	3.83	-108.95	-535.68	-565.61	805.17	796.16	9.00	89.415	
1,100.00	1,090.07	1,071.78	1,071.75	4.66	3.95	-110.28	-535.38	-566.38	812.60	803.22	9.38	86.610	
1,200.00	1,187.85	1,171.27	1,171.24	4.95	4.07	-111.60	-534.98	-566.98	820.30	810.52	9.79	83.824	
1,300.00	1,285.63	1,269.80	1,269.77	5.26	4.20	-112.88	-534.38	-567.61	828.28	818.07	10.21	81.124	
1,400.00	1,383.40	1,368.57	1,368.53	5.58	4.34	-114.12	-533.63	-568.34	836.61	825.95	10.65	78.537	
1,500.00	1,481.18	1,467.15	1,467.11	5.92	4.48	-115.34	-532.83	-568.98	845.23	834.12	11.11	76.082	
1,600.00	1,578.96	1,567.45	1,567.40	6.26	4.63	-116.53	-531.72	-569.86	854.10	842.52	11.58	73.744	
1,700.00	1,676.74	1,667.19	1,667.12	6.62	4.79	-117.66	-530.18	-570.87	863.03	850.97	12.06	71.535	
1,800.00	1,774.52	1,765.90	1,765.81	6.82	4.95	-118.75	-528.42	-572.08	872.20	860.01	12.19	71.545	
1,900.00	1,872.30	1,863.17	1,863.03	6.87	5.11	-119.73	-526.21	-574.11	881.66	869.27	12.39	71.182	
2,000.00	1,970.07	1,961.24	1,961.04	6.95	5.27	-120.68	-523.94	-576.51	891.52	878.91	12.61	70.708	
2,100.00	2,067.85	2,059.48	2,059.23	7.06	5.44	-121.61	-521.69	-578.81	901.60	888.74	12.86	70.132	
2,200.00	2,165.63	2,157.07	2,156.78	7.19	5.61	-122.54	-519.64	-580.90	911.99	898.86	13.12	69.486	
2,300.00	2,263.41	2,255.11	2,254.78	7.33	5.78	-123.47	-517.79	-582.72	922.69	909.28	13.42	68.776	
2,400.00	2,361.19	2,353.99	2,353.63	7.50	5.96	-124.39	-515.90	-584.55	933.62	919.89	13.73	68.004	
2,500.00	2,458.97	2,452.81	2,452.41	7.69	6.14	-125.29	-513.95	-586.33	944.70	930.64	14.06	67.190	
2,600.00	2,556.74	2,551.78	2,551.35	7.90	6.33	-126.15	-511.90	-588.24	955.96	941.55	14.41	66.345	
2,700.00	2,654.52	2,650.37	2,649.90	8.12	6.51	-127.01	-509.86	-589.91	967.36	952.59	14.77	65.484	
2,800.00	2,752.30	2,749.23	2,748.73	8.36	6.70	-127.86	-507.86	-591.50	978.97	963.82	15.15	64.616	
2,900.00	2,850.08	2,848.58	2,848.04	8.61	6.89	-128.69	-505.71	-593.10	990.67	975.13	15.54	63.738	
3,000.00	2,947.86	2,946.73	2,946.15	8.88	7.08	-129.48	-503.49	-594.81	1,002.52	986.58	15.94	62.875	
3,100.00	3,045.64	3,045.20	3,044.58	9.15	7.27	-130.25	-501.30	-596.58	1,014.61	998.25	16.36	62.025	
3,200.00	3,143.41	3,146.88	3,146.22	9.44	7.47	-131.03	-498.92	-598.27	1,026.73	1,009.94	16.79	61.161	
3,300.00	3,241.19	3,254.16	3,253.45	9.74	7.68	-131.86	-495.97	-599.42	1,038.47	1,021.24	17.24	60.249	
3,400.00	3,338.97	3,363.21	3,362.43	10.04	7.89	-132.73	-492.10	-599.51	1,049.37	1,031.67	17.70	59.301	
3,500.00	3,436.75	3,465.16	3,464.29	10.35	8.09	-133.60	-488.13	-598.11	1,059.73	1,041.59	18.15	58.401	
3,600.00	3,534.53	3,562.88	3,561.91	10.67	8.28	-134.49	-484.63	-595.37	1,070.27	1,051.68	18.59	57.568	
3,700.00	3,632.31	3,658.35	3,657.28	11.00	8.46	-135.38	-481.48	-592.08	1,081.18	1,062.15	19.04	56.797	
3,800.00	3,730.08	3,747.34	3,746.17	11.33	8.64	-136.20	-478.95	-588.91	1,092.80	1,073.33	19.47	56.124	
3,900.00	3,827.86	3,837.00	3,835.75	11.67	8.81	-137.04	-477.45	-585.41	1,105.70	1,085.79	19.91	55.538	
4,000.00	3,925.64	3,933.93	3,932.59	12.02	9.00	-137.93	-476.01	-581.60	1,119.07	1,098.71	20.36	54.952	
4,100.00	4,023.42	4,029.44	4,028.04	12.36	9.19	-138.75	-474.66	-578.48	1,132.90	1,112.08	20.82	54.411	
4,200.00	4,121.20	4,128.24	4,126.79	12.72	9.38	-139.55	-473.17	-575.95	1,147.00	1,125.71	21.29	53.874	
4,300.00	4,218.98	4,228.48	4,227.00	13.07	9.58	-140.31	-471.36	-574.16	1,161.12	1,139.35	21.77	53.340	
4,400.00	4,316.75	4,328.32	4,326.82	13.43	9.79	-141.02	-469.32	-572.77	1,175.26	1,153.01	22.25	52.823	
4,500.00	4,414.53	4,427.54	4,426.00	13.80	9.99	-141.70	-467.10	-571.53	1,189.40	1,166.67	22.73	52.323	SF

Offset Design 5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-8H - SRC Energy Planned Well - Planned Ensign Dir												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,600.00	4,512.31	4,709.34	4,647.99	14.16	18.06	3.10	1,784.58	-984.16	1,198.36	1,171.04	27.32	43.864	
4,700.00	4,610.09	4,784.54	4,740.62	14.53	18.41	3.71	1,779.75	-969.61	1,166.07	1,138.14	27.93	41.751	
4,800.00	4,707.87	4,878.43	4,833.24	14.90	18.84	4.35	1,774.93	-955.05	1,133.91	1,105.29	28.62	39.620	
4,900.00	4,805.65	4,952.15	4,906.12	15.28	19.09	4.84	1,771.44	-944.54	1,102.75	1,073.54	29.21	37.746	
5,000.00	4,903.42	5,027.27	4,980.66	15.65	19.32	5.29	1,768.49	-935.65	1,073.43	1,043.64	29.79	36.032	
5,100.00	5,001.20	5,103.51	5,056.52	16.03	19.53	5.68	1,766.14	-928.54	1,045.95	1,015.61	30.35	34.464	
5,200.00	5,098.98	5,180.77	5,133.58	16.41	19.71	6.01	1,764.39	-923.29	1,020.31	989.43	30.88	33.040	
5,300.00	5,196.76	5,258.97	5,211.70	16.79	19.87	6.26	1,763.30	-919.98	996.50	965.11	31.39	31.749	
5,400.00	5,294.54	5,358.58	5,288.54	17.18	20.05	6.42	1,762.87	-918.69	974.51	942.60	31.91	30.536	
5,500.00	5,392.32	5,433.60	5,386.32	17.56	20.19	6.56	1,762.87	-918.69	953.68	921.30	32.37	29.458	
5,600.00	5,490.09	5,531.38	5,484.09	17.95	20.36	6.71	1,762.87	-918.69	932.85	899.97	32.88	28.369	
5,700.00	5,587.87	5,629.15	5,581.87	18.34	20.54	6.86	1,762.87	-918.69	912.03	878.64	33.39	27.311	
5,800.00	5,685.65	5,726.93	5,679.65	18.73	20.72	7.03	1,762.87	-918.69	891.21	857.31	33.91	26.284	
5,900.00	5,783.43	5,824.71	5,777.43	19.12	20.90	7.19	1,762.87	-918.69	870.41	835.99	34.42	25.287	
6,000.00	5,881.21	5,922.49	5,875.21	19.51	21.08	7.37	1,762.87	-918.69	849.61	814.67	34.94	24.317	
6,100.00	5,978.99	6,020.27	5,972.99	19.90	21.25	7.56	1,762.87	-918.69	828.81	793.36	35.46	23.375	
6,200.00	6,076.76	6,118.05	6,070.76	20.30	21.43	7.75	1,762.87	-918.69	808.03	772.05	35.98	22.458	
6,300.00	6,174.54	6,215.82	6,168.54	20.69	21.61	7.96	1,762.87	-918.69	787.26	750.76	36.50	21.567	
6,400.00	6,272.32	6,313.60	6,266.32	21.09	21.79	8.18	1,762.87	-918.69	766.49	729.47	37.03	20.700	
6,500.00	6,370.10	6,411.38	6,364.10	21.49	21.97	8.40	1,762.87	-918.69	745.74	708.19	37.56	19.857	
6,600.00	6,467.61	6,508.90	6,461.61	21.89	22.15	24.98	1,762.87	-918.69	724.30	686.19	38.11	19.007	
6,700.00	6,562.43	6,603.71	6,556.43	22.34	22.32	44.96	1,762.87	-918.69	698.58	659.76	38.82	17.995	
6,800.00	6,652.07	6,676.83	6,629.46	22.91	22.42	57.20	1,762.77	-921.53	670.67	630.97	39.70	16.892	
6,900.00	6,734.32	6,749.15	6,701.05	23.59	22.45	66.42	1,762.44	-931.58	643.87	603.09	40.77	15.791	
7,000.00	6,807.15	6,823.36	6,773.06	24.42	22.44	74.33	1,761.86	-949.34	619.82	577.68	42.14	14.709	
7,100.00	6,868.78	6,900.09	6,845.19	25.42	22.37	81.51	1,761.00	-975.43	600.35	556.49	43.86	13.689	
7,200.00	6,917.68	6,980.21	6,917.05	26.62	22.27	88.13	1,759.84	-1,010.73	587.35	541.47	45.88	12.801	
7,300.00	6,952.66	7,064.88	6,988.21	28.05	22.17	94.21	1,758.33	-1,056.50	582.51	534.47	48.04	12.125	
7,303.23	6,953.55	7,067.71	6,990.49	28.10	22.17	94.39	1,758.27	-1,058.17	582.50	534.39	48.11	12.107	
7,400.00	6,972.84	7,155.81	7,058.03	29.69	22.12	99.75	1,756.41	-1,114.62	587.02	536.99	50.03	11.734	
7,500.00	6,977.95	7,255.71	7,125.57	31.48	22.20	105.03	1,753.99	-1,188.08	601.20	549.64	51.56	11.661	
7,600.00	6,977.70	7,376.72	7,192.71	33.43	22.64	111.22	1,750.69	-1,288.53	619.29	566.63	52.66	11.759	
7,700.00	6,977.44	7,525.29	7,250.56	35.52	23.95	116.28	1,746.19	-1,425.01	634.01	580.02	54.00	11.742	
7,800.00	6,977.19	7,695.29	7,280.64	37.74	26.52	118.90	1,740.70	-1,591.84	640.21	583.76	56.45	11.341	
7,900.00	6,976.94	7,813.76	7,281.92	40.06	28.86	119.17	1,736.80	-1,710.21	638.34	578.12	60.22	10.599	
8,000.00	6,976.68	7,913.72	7,281.92	42.47	31.12	119.30	1,733.51	-1,810.12	636.13	571.83	64.30	9.892	
8,100.00	6,976.43	8,013.68	7,281.92	44.95	33.57	119.44	1,730.21	-1,910.03	633.93	565.33	68.60	9.241	
8,200.00	6,976.17	8,113.65	7,281.92	47.49	36.19	119.58	1,726.92	-2,009.94	631.72	558.65	73.07	8.645	
8,300.00	6,975.92	8,213.61	7,281.92	50.07	38.94	119.72	1,723.63	-2,109.85	629.52	551.85	77.68	8.105	
8,400.00	6,975.66	8,313.58	7,281.92	52.70	41.79	119.86	1,720.34	-2,209.76	627.33	544.94	82.39	7.614	
8,500.00	6,975.41	8,413.54	7,281.92	55.36	44.72	120.01	1,717.05	-2,309.67	625.14	537.94	87.19	7.170	
8,600.00	6,975.15	8,513.50	7,281.92	58.06	47.71	120.15	1,713.76	-2,409.58	622.95	530.88	92.07	6.766	
8,700.00	6,974.90	8,613.47	7,281.92	60.78	50.76	120.29	1,710.47	-2,509.49	620.77	523.77	96.99	6.400	
8,800.00	6,974.64	8,713.43	7,281.92	63.52	53.86	120.44	1,707.18	-2,609.40	618.59	516.62	101.96	6.067	
8,900.00	6,974.39	8,813.40	7,281.92	66.28	57.00	120.58	1,703.89	-2,709.31	616.41	509.44	106.97	5.763	
9,000.00	6,974.13	8,913.36	7,281.92	69.06	60.16	120.73	1,700.60	-2,809.22	614.24	502.24	112.00	5.484	
9,100.00	6,973.88	9,013.32	7,281.92	71.85	63.36	120.88	1,697.31	-2,909.13	612.07	495.02	117.05	5.229	
9,200.00	6,973.63	9,113.29	7,281.92	74.66	66.58	121.03	1,694.02	-3,009.04	609.91	487.79	122.12	4.994	
9,300.00	6,973.37	9,213.25	7,281.92	77.48	69.81	121.18	1,690.72	-3,108.95	607.75	480.55	127.20	4.778	
9,400.00	6,973.12	9,313.21	7,281.92	80.31	73.07	121.33	1,687.43	-3,208.86	605.59	473.31	132.28	4.578	
9,500.00	6,972.86	9,413.18	7,281.92	83.15	76.34	121.48	1,684.14	-3,308.77	603.44	466.07	137.37	4.393	
9,600.00	6,972.61	9,513.14	7,281.92	86.00	79.63	121.64	1,680.85	-3,408.68	601.29	458.83	142.46	4.221	
9,700.00	6,972.35	9,613.11	7,281.92	88.85	82.92	121.79	1,677.56	-3,508.58	599.15	451.60	147.55	4.061	
9,800.00	6,972.10	9,713.07	7,281.92	91.72	86.23	121.95	1,674.27	-3,608.49	597.01	444.38	152.64	3.911	
9,900.00	6,971.84	9,813.03	7,281.92	94.59	89.55	122.11	1,670.98	-3,708.40	594.88	437.17	157.71	3.772	
10,000.00	6,971.59	9,913.00	7,281.92	97.46	92.87	122.26	1,667.69	-3,808.31	592.75	429.96	162.79	3.641	
10,100.00	6,971.33	10,012.96	7,281.92	100.34	96.20	122.42	1,664.40	-3,908.22	590.63	422.78	167.85	3.519	
10,200.00	6,971.08	10,112.93	7,281.92	103.22	99.54	122.58	1,661.11	-4,008.13	588.51	415.61	172.90	3.404	
10,300.00	6,970.83	10,212.89	7,281.92	106.11	102.88	122.75	1,657.82	-4,108.04	586.39	408.45	177.94	3.295	
10,400.00	6,970.57	10,312.85	7,281.92	109.01	106.23	122.91	1,654.53	-4,207.95	584.28	401.31	182.97	3.193	
10,500.00	6,970.32	10,412.82	7,281.92	111.90	109.59	123.07	1,651.23	-4,307.86	582.18	394.19	187.99	3.097	
10,600.00	6,970.06	10,512.78	7,281.92	114.80	112.95	123.24	1,647.94	-4,407.77	580.07	387.09	192.99	3.006	
10,700.00	6,969.81	10,612.75	7,281.92	117.70	116.31	123.41	1,644.65	-4,507.68	577.98	380.01	197.97	2.920	
10,800.00	6,969.55	10,712.71	7,281.92	120.61	119.68	123.57	1,641.36	-4,607.59	575.89	372.95	202.94	2.838	
10,900.00	6,969.30	10,812.67	7,281.92	123.52	123.05	123.74	1,638.07	-4,707.50	573.80	365.91	207.89	2.760	
11,000.00	6,969.04	10,912.64	7,281.92	126.43	126.43	123.91	1,634.78	-4,807.41	571.72	358.90	212.82	2.686	

Offset Design											5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-8H - SRC Energy Planned Well - Planned Ensign Dir		Offset Site Error:	0.00 usft
Survey Program:											100-SRC Energy_ISCWSA REV 2 MWD		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,100.00	6,968.79	11,012.60	7,281.92	129.34	129.80	124.08	1,631.49	-4,907.32	569.64	351.91	217.73	2.616		
11,200.00	6,968.53	11,112.56	7,281.92	132.26	133.18	124.26	1,628.20	-5,007.23	567.57	344.95	222.63	2.549		
11,300.00	6,968.28	11,212.53	7,281.92	135.18	136.56	124.43	1,624.91	-5,107.14	565.51	338.01	227.50	2.486		
11,400.00	6,968.02	11,312.49	7,281.92	138.10	139.95	124.60	1,621.62	-5,207.05	563.45	331.10	232.35	2.425		
11,500.00	6,967.77	11,412.46	7,281.92	141.02	143.34	124.78	1,618.33	-5,306.96	561.39	324.21	237.18	2.367		
11,600.00	6,967.52	11,512.42	7,281.92	143.94	146.72	124.96	1,615.03	-5,406.87	559.34	317.35	241.99	2.311		
11,700.00	6,967.26	11,612.38	7,281.92	146.86	150.12	125.14	1,611.74	-5,506.78	557.30	310.52	246.78	2.258		
11,800.00	6,967.01	11,712.35	7,281.92	149.79	153.51	125.32	1,608.45	-5,606.69	555.26	303.72	251.54	2.207		
11,900.00	6,966.75	11,812.31	7,281.92	152.72	156.90	125.50	1,605.16	-5,706.60	553.23	296.95	256.27	2.159		
11,994.39	6,966.51	11,906.67	7,281.92	155.48	160.11	125.67	1,602.06	-5,800.91	551.31	290.59	260.72	2.115 CC, ES		
12,000.00	6,966.50	11,897.00	7,281.92	155.65	159.78	125.65	1,602.37	-5,791.24	551.41	290.62	260.79	2.114 SF		
12,100.00	6,966.24	11,897.00	7,281.92	158.58	159.78	125.65	1,602.37	-5,791.24	561.14	301.68	259.45	2.163		
12,200.00	6,965.99	11,897.00	7,281.92	161.51	159.78	125.65	1,602.37	-5,791.24	587.96	337.06	250.90	2.343		
12,300.00	6,965.73	11,897.00	7,281.92	164.44	159.78	125.65	1,602.37	-5,791.24	629.70	392.14	237.56	2.651		
12,400.00	6,965.48	11,897.00	7,281.92	167.37	159.78	125.65	1,602.37	-5,791.24	683.62	461.58	222.05	3.079		
12,500.00	6,965.22	11,897.00	7,281.92	170.31	159.78	125.65	1,602.37	-5,791.24	747.10	540.80	206.30	3.621		
12,600.00	6,964.97	11,897.00	7,281.92	173.24	159.78	125.65	1,602.37	-5,791.24	817.91	626.47	191.45	4.272		
12,700.00	6,964.72	11,897.00	7,281.92	176.18	159.78	125.65	1,602.37	-5,791.24	894.32	716.34	177.98	5.025		
12,800.00	6,964.46	11,897.00	7,281.92	179.11	159.78	125.65	1,602.37	-5,791.24	975.00	808.98	166.02	5.873		
12,900.00	6,964.21	11,897.00	7,281.92	182.05	159.78	125.65	1,602.37	-5,791.24	1,058.98	903.47	155.51	6.810		
13,000.00	6,963.95	11,897.00	7,281.92	184.99	159.78	125.65	1,602.37	-5,791.24	1,145.54	999.23	146.32	7.829		

Offset Design 5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-9H - SRC Energy Planned Well - Planned Ensign Dir												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
4,100.00	4,023.42	4,283.09	4,232.65	12.36	17.70	-9.15	1,527.61	-1,102.04	1,164.90	1,142.19	22.71	51.302	
4,200.00	4,121.20	4,375.37	4,323.34	12.72	18.17	-9.30	1,514.64	-1,090.97	1,126.46	1,103.23	23.24	48.477	
4,300.00	4,218.98	4,467.65	4,414.03	13.07	18.64	-9.46	1,501.66	-1,079.91	1,088.04	1,064.27	23.77	45.769	
4,400.00	4,316.75	4,559.93	4,504.72	13.43	19.10	-9.63	1,488.68	-1,068.84	1,049.62	1,025.31	24.31	43.172	
4,500.00	4,414.53	4,652.20	4,595.40	13.80	19.57	-9.82	1,475.71	-1,057.78	1,011.21	986.36	24.86	40.682	
4,600.00	4,512.31	4,744.48	4,686.09	14.16	20.04	-10.02	1,462.73	-1,046.71	972.81	947.41	25.41	38.292	
4,700.00	4,610.09	4,836.76	4,776.78	14.53	20.51	-10.24	1,449.76	-1,035.65	934.43	908.47	25.96	35.997	
4,800.00	4,707.87	4,929.03	4,867.47	14.90	20.98	-10.48	1,436.78	-1,024.58	896.05	869.54	26.52	33.794	
4,900.00	4,805.65	5,021.31	4,958.15	15.28	21.46	-10.74	1,423.80	-1,013.51	857.69	830.62	27.08	31.677	
5,000.00	4,903.42	5,113.59	5,048.84	15.65	21.93	-11.02	1,410.83	-1,002.45	819.35	791.71	27.64	29.642	
5,100.00	5,001.20	5,205.87	5,139.53	16.03	22.40	-11.33	1,397.85	-991.38	781.02	752.81	28.21	27.685	
5,200.00	5,098.98	5,301.86	5,230.22	16.41	22.89	-11.68	1,384.87	-980.32	742.72	713.92	28.80	25.791	
5,300.00	5,196.76	5,409.58	5,320.91	16.79	23.44	-12.05	1,371.90	-969.25	704.44	675.02	29.42	23.941	
5,400.00	5,294.54	5,482.70	5,411.59	17.18	23.82	-12.48	1,358.92	-958.19	666.19	636.24	29.95	22.243	
5,500.00	5,392.32	5,569.16	5,496.59	17.56	24.24	-12.92	1,346.86	-947.90	628.13	597.58	30.54	20.566	
5,600.00	5,490.09	5,645.93	5,572.33	17.95	24.52	-13.35	1,337.37	-939.80	592.05	560.93	31.12	19.024	
5,700.00	5,587.87	5,724.29	5,649.97	18.34	24.77	-13.82	1,329.28	-932.90	558.56	526.87	31.69	17.626	
5,800.00	5,685.65	5,804.15	5,729.36	18.73	24.99	-14.34	1,322.70	-927.29	527.72	495.47	32.25	16.362	
5,900.00	5,783.43	5,885.42	5,810.37	19.12	25.19	-14.89	1,317.73	-923.06	499.62	466.81	32.81	15.229	
6,000.00	5,881.21	5,968.02	5,892.84	19.51	25.35	-15.49	1,314.48	-920.29	474.33	440.98	33.35	14.222	
6,100.00	5,978.99	6,102.22	5,972.99	19.90	25.58	-16.09	1,312.96	-918.99	451.80	417.79	34.01	13.286	
6,200.00	6,076.76	6,145.96	6,070.76	20.30	25.65	-16.86	1,312.96	-918.99	431.66	397.19	34.47	12.522	
6,300.00	6,174.54	6,243.74	6,168.54	20.69	25.80	-17.71	1,312.96	-918.99	411.61	376.54	35.07	11.736	
6,400.00	6,272.32	6,341.52	6,266.32	21.09	25.95	-18.64	1,312.96	-918.99	391.65	355.96	35.68	10.975	
6,500.00	6,370.10	6,439.30	6,364.10	21.49	26.11	-19.67	1,312.96	-918.99	371.80	335.48	36.32	10.238	
6,600.00	6,467.61	6,536.81	6,461.61	21.89	26.26	-4.70	1,312.96	-918.99	350.56	313.61	36.94	9.489	
6,700.00	6,562.43	6,631.63	6,556.43	22.34	26.41	14.08	1,312.96	-918.99	319.27	281.87	37.40	8.536	
6,800.00	6,652.07	6,703.71	6,628.44	22.91	26.50	26.47	1,312.87	-921.73	280.19	242.61	37.58	7.456	
6,900.00	6,734.32	6,774.74	6,698.77	23.59	26.52	37.52	1,312.55	-931.44	238.65	201.03	37.63	6.342	
7,000.00	6,807.15	6,847.50	6,769.45	24.42	26.50	50.12	1,311.99	-948.54	197.08	159.03	38.06	5.179	
7,100.00	6,868.78	6,922.57	6,840.18	25.42	26.45	66.27	1,311.16	-973.60	160.26	120.02	40.24	3.982	
7,200.00	6,917.68	7,000.74	6,910.61	26.62	26.35	86.50	1,310.05	-1,007.41	137.61	91.91	45.71	3.011	
7,238.65	6,932.91	7,032.00	6,937.67	27.16	26.30	94.90	1,309.53	-1,023.04	135.41	87.24	48.17	2.811	CC, ES
7,300.00	6,952.66	7,083.10	6,980.35	28.05	26.22	107.89	1,308.61	-1,051.09	141.14	90.38	50.77	2.780	SF
7,400.00	6,972.84	7,171.22	7,048.90	29.69	26.06	125.99	1,306.79	-1,106.35	172.41	121.88	50.53	3.412	
7,500.00	6,977.95	7,267.64	7,115.50	31.48	25.89	139.65	1,304.50	-1,175.95	221.41	174.14	47.27	4.684	
7,600.00	6,977.70	7,384.54	7,182.79	33.43	25.72	150.53	1,301.36	-1,271.32	271.04	227.72	43.32	6.256	
7,700.00	6,977.44	7,529.11	7,243.18	35.52	25.61	156.93	1,297.04	-1,402.33	308.79	269.22	39.58	7.803	
7,800.00	6,977.19	7,696.74	7,278.65	37.74	26.37	160.10	1,291.66	-1,565.69	328.07	290.85	37.22	8.814	
7,900.00	6,976.94	7,826.64	7,282.00	40.06	28.63	160.89	1,287.39	-1,695.41	329.22	291.42	37.80	8.709	
8,000.00	6,976.68	7,926.60	7,282.00	42.47	30.87	161.35	1,284.10	-1,795.32	328.60	289.39	39.21	8.381	
8,100.00	6,976.43	8,026.57	7,282.00	44.95	33.34	161.80	1,280.80	-1,895.23	327.99	287.32	40.67	8.064	
8,200.00	6,976.17	8,126.53	7,282.00	47.49	35.98	162.26	1,277.51	-1,995.14	327.41	285.23	42.17	7.763	
8,300.00	6,975.92	8,226.50	7,282.00	50.07	38.73	162.72	1,274.22	-2,095.05	326.84	283.14	43.70	7.479	
8,400.00	6,975.66	8,326.46	7,282.00	52.70	41.59	163.18	1,270.93	-2,194.96	326.30	281.06	45.24	7.212	
8,500.00	6,975.41	8,426.42	7,282.00	55.36	44.52	163.65	1,267.64	-2,294.87	325.78	279.00	46.79	6.963	
8,600.00	6,975.15	8,526.39	7,282.00	58.06	47.52	164.11	1,264.35	-2,394.78	325.28	276.95	48.33	6.730	
8,700.00	6,974.90	8,626.35	7,282.00	60.78	50.57	164.58	1,261.06	-2,494.69	324.81	274.94	49.87	6.514	
8,800.00	6,974.64	8,726.32	7,282.00	63.52	53.67	165.04	1,257.77	-2,594.59	324.35	272.97	51.39	6.312	
8,900.00	6,974.39	8,826.28	7,282.00	66.28	56.80	165.51	1,254.48	-2,694.50	323.92	271.03	52.89	6.125	
9,000.00	6,974.13	8,926.24	7,282.00	69.06	59.96	165.98	1,251.19	-2,794.41	323.51	269.14	54.37	5.950	
9,100.00	6,973.88	9,026.21	7,282.00	71.85	63.15	166.45	1,247.90	-2,894.32	323.12	267.29	55.83	5.788	
9,200.00	6,973.63	9,126.17	7,282.00	74.66	66.37	166.93	1,244.60	-2,994.23	322.75	265.49	57.26	5.637	
9,300.00	6,973.37	9,226.13	7,282.00	77.48	69.60	167.40	1,241.31	-3,094.14	322.40	263.73	58.67	5.495	
9,400.00	6,973.12	9,326.10	7,282.00	80.31	72.85	167.87	1,238.02	-3,194.05	322.08	262.02	60.05	5.363	
9,500.00	6,972.86	9,426.06	7,282.00	83.15	76.12	168.35	1,234.73	-3,293.96	321.77	260.36	61.41	5.239	
9,600.00	6,972.61	9,526.03	7,282.00	86.00	79.40	168.82	1,231.44	-3,393.87	321.49	258.74	62.75	5.123	
9,700.00	6,972.35	9,625.99	7,282.00	88.85	82.69	169.30	1,228.15	-3,493.78	321.24	257.17	64.07	5.014	
9,800.00	6,972.10	9,725.95	7,282.00	91.72	86.00	169.78	1,224.86	-3,593.69	321.00	255.64	65.36	4.911	
9,900.00	6,971.84	9,825.92	7,282.00	94.59	89.31	170.26	1,221.57	-3,693.60	320.79	254.15	66.64	4.814	
10,000.00	6,971.59	9,925.88	7,282.00	97.46	92.63	170.74	1,218.28	-3,793.51	320.60	252.70	67.90	4.722	
10,100.00	6,971.33	10,025.85	7,282.00	100.34	95.96	171.21	1,214.99	-3,893.42	320.43	251.28	69.14	4.634	
10,200.00	6,971.08	10,125.81	7,282.00	103.22	99.29	171.69	1,211.69	-3,993.33	320.28	249.90	70.38	4.551	
10,300.00	6,970.83	10,225.77	7,282.00	106.11	102.63	172.17	1,208.40	-4,093.24	320.16	248.55	71.61	4.471	
10,400.00	6,970.57	10,325.74	7,282.00	109.01	105.98	172.65	1,205.11	-4,193.15	320.06	247.22	72.84	4.394	
10,500.00	6,970.32	10,425.70	7,282.00	111.90	109.33	173.14	1,201.82	-4,293.06	319.98	245.91	74.07	4.320	

Offset Design												5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-9H - SRC Energy Planned Well - Planned Ensign Dir	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_ISCWSA REV 2 MWD	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
10,600.00	6,970.06	10,525.67	7,282.00	114.80	112.68	173.62	1,198.53	-4,392.97	319.92	244.62	75.30	4.249		
10,700.00	6,969.81	10,625.63	7,282.00	117.70	116.04	174.10	1,195.24	-4,492.88	319.89	243.35	76.54	4.179		
10,797.32	6,969.56	10,722.91	7,282.00	120.53	119.32	174.57	1,192.04	-4,590.11	319.88	242.11	77.77	4.113		
10,800.00	6,969.55	10,725.59	7,282.00	120.61	119.41	174.58	1,191.95	-4,592.79	319.88	242.08	77.80	4.112		
10,900.00	6,969.30	10,825.56	7,282.00	123.52	122.78	175.06	1,188.66	-4,692.70	319.89	240.82	79.07	4.046		
11,000.00	6,969.04	10,925.52	7,282.00	126.43	126.15	175.54	1,185.37	-4,792.61	319.93	239.56	80.37	3.981		
11,100.00	6,968.79	11,025.48	7,282.00	129.34	129.52	176.02	1,182.08	-4,892.52	319.98	238.30	81.69	3.917		
11,200.00	6,968.53	11,125.45	7,282.00	132.26	132.90	176.50	1,178.79	-4,992.43	320.06	237.02	83.04	3.854		
11,300.00	6,968.28	11,225.41	7,282.00	135.18	136.28	176.98	1,175.49	-5,092.34	320.16	235.74	84.43	3.792		
11,400.00	6,968.02	11,325.38	7,282.00	138.10	139.66	177.46	1,172.20	-5,192.25	320.29	234.43	85.86	3.731		
11,500.00	6,967.77	11,425.34	7,282.00	141.02	143.05	177.94	1,168.91	-5,292.16	320.44	233.11	87.33	3.669		
11,600.00	6,967.52	11,525.30	7,282.00	143.94	146.43	178.42	1,165.62	-5,392.07	320.61	231.75	88.86	3.608		
11,700.00	6,967.26	11,625.27	7,282.00	146.86	149.82	178.90	1,162.33	-5,491.98	320.80	230.36	90.44	3.547		
11,800.00	6,967.01	11,725.23	7,282.00	149.79	153.21	179.38	1,159.04	-5,591.89	321.01	228.94	92.08	3.486		
11,900.00	6,966.75	11,825.20	7,282.00	152.72	156.60	179.86	1,155.75	-5,691.80	321.25	227.47	93.78	3.426		
12,000.00	6,966.50	11,925.16	7,282.00	155.65	160.00	-179.67	1,152.46	-5,791.71	321.51	225.96	95.55	3.365		
12,100.00	6,966.24	11,963.30	7,282.00	158.58	161.29	-179.48	1,151.20	-5,829.83	327.67	232.09	95.58	3.428		
12,200.00	6,965.99	11,963.30	7,282.00	161.51	161.29	-179.48	1,151.20	-5,829.83	360.44	269.90	90.54	3.981		
12,300.00	6,965.73	11,963.30	7,282.00	164.44	161.29	-179.48	1,151.20	-5,829.83	415.29	331.59	83.71	4.961		
12,400.00	6,965.48	11,963.30	7,282.00	167.37	161.29	-179.48	1,151.20	-5,829.83	484.78	407.26	77.53	6.253		
12,500.00	6,965.22	11,963.30	7,282.00	170.31	161.29	-179.48	1,151.20	-5,829.83	563.53	490.83	72.69	7.752		
12,600.00	6,964.97	11,963.30	7,282.00	173.24	161.29	-179.48	1,151.20	-5,829.83	648.16	579.06	69.10	9.380		
12,700.00	6,964.72	11,963.30	7,282.00	176.18	161.29	-179.48	1,151.20	-5,829.83	736.66	670.20	66.45	11.085		
12,800.00	6,964.46	11,963.30	7,282.00	179.11	161.29	-179.48	1,151.20	-5,829.83	827.77	763.28	64.50	12.835		
12,900.00	6,964.21	11,963.30	7,282.00	182.05	161.29	-179.48	1,151.20	-5,829.83	920.74	857.71	63.03	14.609		
13,000.00	6,963.95	11,963.30	7,282.00	184.99	161.29	-179.48	1,151.20	-5,829.83	1,015.04	953.13	61.91	16.395		
13,100.00	6,963.70	11,963.30	7,282.00	187.93	161.29	-179.48	1,151.20	-5,829.83	1,110.34	1,049.29	61.05	18.186		

Offset Design													Offset Site Error:	0.00 usft
5N-67W-01 Offsets Incomplete - HERTZKE 1-33 - SRC Energy SI Well - No Surveys													Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_2° CONE_2.448														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,900.00	6,969.30	7,008.70	6,991.30	123.52	246.59	90.22	1,806.84	-5,659.64	1,163.48	852.44	311.05	3.741		
11,000.00	6,969.04	7,008.96	6,991.04	126.43	246.59	90.19	1,806.84	-5,659.64	1,082.09	764.25	317.84	3.405		
11,100.00	6,968.79	7,009.21	6,990.79	129.34	246.60	90.17	1,806.84	-5,659.64	1,004.07	678.49	325.58	3.084		
11,200.00	6,968.53	7,009.47	6,990.53	132.26	246.61	90.15	1,806.84	-5,659.64	930.26	595.94	334.32	2.783		
11,300.00	6,968.28	7,009.72	6,990.28	135.18	246.62	90.13	1,806.84	-5,659.64	861.75	517.67	344.09	2.504		
11,400.00	6,968.02	7,009.98	6,990.02	138.10	246.63	90.10	1,806.84	-5,659.64	799.91	445.17	354.73	2.255		
11,500.00	6,967.77	6,989.77	6,989.77	141.02	245.91	90.08	1,806.84	-5,659.64	746.38	381.17	365.21	2.044		
11,600.00	6,967.52	6,989.52	6,989.52	143.94	245.91	90.06	1,806.84	-5,659.64	703.07	326.76	376.31	1.868		
11,700.00	6,967.26	6,989.26	6,989.26	146.86	245.90	90.04	1,806.84	-5,659.64	671.97	285.58	386.38	1.739		
11,800.00	6,967.01	6,989.01	6,989.01	149.79	245.89	90.01	1,806.84	-5,659.64	654.80	260.48	394.32	1.661		
11,863.85	6,966.84	6,988.84	6,988.84	151.66	245.88	90.00	1,806.84	-5,659.64	651.68	253.87	397.81	1.638 CC		
11,900.00	6,966.75	6,988.75	6,988.75	152.72	245.88	89.99	1,806.84	-5,659.64	652.68	253.51	399.17	1.635 ES, SF		
12,000.00	6,966.50	6,988.50	6,988.50	155.65	245.87	89.97	1,806.84	-5,659.64	665.75	265.21	400.55	1.662		
12,100.00	6,966.24	6,988.24	6,988.24	158.58	245.86	89.95	1,806.84	-5,659.64	693.15	294.42	398.73	1.738		
12,200.00	6,965.99	6,987.99	6,987.99	161.51	245.85	89.92	1,806.84	-5,659.64	733.27	338.77	394.50	1.859		
12,300.00	6,965.73	6,987.73	6,987.73	164.44	245.84	89.90	1,806.84	-5,659.64	784.16	395.38	388.79	2.017		
12,400.00	6,965.48	6,987.48	6,987.48	167.37	245.83	89.88	1,806.84	-5,659.64	843.88	461.50	382.38	2.207		
12,500.00	6,965.22	6,987.22	6,987.22	170.31	245.82	89.86	1,806.84	-5,659.64	910.70	534.84	375.85	2.423		
12,600.00	6,964.97	6,986.97	6,986.97	173.24	245.82	89.84	1,806.84	-5,659.64	983.16	613.61	369.55	2.660		
12,700.00	6,964.72	6,986.72	6,986.72	176.18	245.81	89.81	1,806.84	-5,659.64	1,060.11	696.47	363.64	2.915		
12,800.00	6,964.46	6,986.46	6,986.46	179.11	245.80	89.79	1,806.84	-5,659.64	1,140.64	782.43	358.21	3.184		

Offset Design												5N-67W-02 Offsets Incomplete - Aufrecht N 2-16 - SRC Energy PR Well - No Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_2° CONE_2.448	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
12,100.00	6,966.24	7,000.24	7,000.24	158.58	246.29	90.22	1,802.78	-6,899.99	1,199.09	871.21	327.87	3.657		
12,200.00	6,965.99	7,000.01	6,999.99	161.51	246.28	90.20	1,802.78	-6,899.99	1,116.68	780.80	335.88	3.325		
12,300.00	6,965.73	7,000.27	6,999.73	164.44	246.29	90.18	1,802.78	-6,899.99	1,037.37	692.41	344.95	3.007		
12,400.00	6,965.48	7,000.52	6,999.48	167.37	246.30	90.16	1,802.78	-6,899.99	961.92	606.74	355.18	2.708		
12,500.00	6,965.22	7,000.78	6,999.22	170.31	246.30	90.13	1,802.78	-6,899.99	891.32	524.76	366.56	2.432		
12,600.00	6,964.97	7,001.03	6,998.97	173.24	246.31	90.11	1,802.78	-6,899.99	826.81	447.80	379.01	2.181		
12,700.00	6,964.72	7,001.29	6,998.72	176.18	246.32	90.09	1,802.78	-6,899.99	769.92	377.72	392.19	1.963		
12,800.00	6,964.46	7,001.54	6,998.46	179.11	246.33	90.07	1,802.78	-6,899.99	722.45	316.98	405.47	1.782		
12,900.00	6,964.21	7,001.79	6,998.21	182.05	246.34	90.05	1,802.78	-6,899.99	686.36	268.55	417.81	1.643		
13,000.00	6,963.95	7,002.05	6,997.95	184.99	246.35	90.02	1,802.78	-6,899.99	663.51	235.58	427.93	1.551		
13,100.00	6,963.70	7,002.30	6,997.70	187.93	246.36	90.00	1,802.78	-6,899.99	655.29	220.73	434.56	1.508		
13,104.20	6,963.69	7,002.31	6,997.69	188.05	246.36	90.00	1,802.78	-6,899.99	655.28	220.53	434.75	1.507	CC, ES, SF	
13,200.00	6,963.44	7,002.56	6,997.44	190.87	246.37	89.98	1,802.78	-6,899.99	662.24	225.26	436.98	1.515		
13,300.00	6,963.19	7,002.81	6,997.19	193.81	246.38	89.96	1,802.78	-6,899.99	683.91	248.62	435.29	1.571		
13,400.00	6,962.93	7,003.07	6,996.93	196.75	246.39	89.93	1,802.78	-6,899.99	718.95	288.66	430.29	1.671		
13,500.00	6,962.68	7,003.32	6,996.68	199.69	246.39	89.91	1,802.78	-6,899.99	765.54	342.42	423.11	1.809		
13,600.00	6,962.42	7,003.58	6,996.42	202.64	246.40	89.89	1,802.78	-6,899.99	821.71	406.88	414.83	1.981		
13,700.00	6,962.17	7,003.83	6,996.17	205.58	246.41	89.87	1,802.78	-6,899.99	885.64	479.39	406.25	2.180		
13,800.00	6,961.91	7,004.09	6,995.91	208.52	246.42	89.85	1,802.78	-6,899.99	955.78	557.90	397.88	2.402		
13,900.00	6,961.66	7,004.34	6,995.66	211.47	246.43	89.82	1,802.78	-6,899.99	1,030.86	640.86	390.00	2.643		
14,000.00	6,961.41	7,004.59	6,995.41	214.41	246.44	89.80	1,802.78	-6,899.99	1,109.88	727.13	382.75	2.900		
14,100.00	6,961.15	7,004.85	6,995.15	217.35	246.45	89.78	1,802.78	-6,899.99	1,192.05	815.91	376.15	3.169		

Offset Design											5N-67W-02 Offsets Incomplete - RUDOLPH 2-33 - PDC Energy PR Well - No Surveys		Offset Site Error:	0.00 usft
Survey Program:											100-SRC Energy_2° CONE_2.448		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		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)				
16,000.00	6,956.31	6,976.31	6,976.31	273.38	245.44	90.23	1,764.83	-10,804.79	1,195.77	809.14	386.62	3.093		
16,100.00	6,956.06	6,976.06	6,976.06	276.33	245.43	90.21	1,764.83	-10,804.79	1,112.66	713.42	399.25	2.787		
16,200.00	6,955.80	6,975.80	6,975.80	279.28	245.42	90.18	1,764.83	-10,804.79	1,032.56	619.09	413.47	2.497		
16,300.00	6,955.55	6,975.55	6,975.55	282.23	245.41	90.16	1,764.83	-10,804.79	956.22	526.79	429.43	2.227		
16,400.00	6,955.30	6,975.30	6,975.30	285.18	245.40	90.14	1,764.83	-10,804.79	884.60	437.47	447.13	1.978		
16,500.00	6,955.04	6,975.04	6,975.04	288.13	245.39	90.12	1,764.83	-10,804.79	818.95	352.56	466.39	1.756		
16,600.00	6,954.79	6,974.79	6,974.79	291.09	245.38	90.09	1,764.83	-10,804.79	760.82	274.15	486.67	1.563		
16,700.00	6,954.53	6,974.53	6,974.53	294.04	245.37	90.07	1,764.83	-10,804.79	712.05	205.14	506.90	1.405	Level 3	
16,800.00	6,954.28	6,974.28	6,974.28	296.99	245.37	90.05	1,764.83	-10,804.79	674.67	149.28	525.38	1.284	Level 3	
16,900.00	6,954.02	6,974.02	6,974.02	299.95	245.36	90.02	1,764.83	-10,804.79	650.65	110.70	539.94	1.205	Level 2	
17,000.00	6,953.77	6,973.77	6,973.77	302.90	245.35	90.00	1,764.83	-10,804.79	641.49	92.97	548.52	1.169	Level 2	
17,009.18	6,953.74	6,973.74	6,973.74	303.17	245.35	90.00	1,764.83	-10,804.79	641.42	92.47	548.95	1.168	Level 2, CC, ES, SF	
17,100.00	6,953.51	6,973.51	6,973.51	305.85	245.34	89.98	1,764.83	-10,804.79	647.82	97.86	549.96	1.178	Level 2	
17,200.00	6,953.26	6,973.26	6,973.26	308.80	245.33	89.96	1,764.83	-10,804.79	669.20	124.64	544.57	1.229	Level 2	
17,300.00	6,953.00	6,973.00	6,973.00	311.76	245.32	89.93	1,764.83	-10,804.79	704.27	170.40	533.87	1.319	Level 3	
17,302.29	6,953.00	6,973.00	6,973.00	311.83	245.32	89.93	1,764.83	-10,804.79	705.22	171.33	533.89	1.321	Level 3	

Offset Design												5N-67W-11 Offsets Need Directional Surveys - ARTIST 11-12 - SRC Energy SI Well - No Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_2° CONE_2.448	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
13,200.00	6,963.44	7,027.44	7,027.44	190.87	247.25	-90.36	705.87	-8,064.13	1,159.55	828.21	331.34	3.500		
13,300.00	6,963.19	7,027.19	7,027.19	193.81	247.24	-90.33	705.87	-8,064.13	1,067.49	729.26	338.23	3.156		
13,400.00	6,962.93	7,026.93	7,026.93	196.75	247.23	-90.29	705.87	-8,064.13	976.99	630.67	346.32	2.821		
13,500.00	6,962.68	7,026.68	7,026.68	199.69	247.22	-90.26	705.87	-8,064.13	888.54	532.65	355.89	2.497		
13,600.00	6,962.42	7,026.42	7,026.42	202.64	247.21	-90.23	705.87	-8,064.13	802.80	435.56	367.24	2.186		
13,700.00	6,962.17	7,026.17	7,026.17	205.58	247.20	-90.19	705.87	-8,064.13	720.74	340.03	380.71	1.893		
13,800.00	6,961.91	7,025.91	7,025.91	208.52	247.20	-90.16	705.87	-8,064.13	643.77	247.22	396.55	1.623		
13,900.00	6,961.66	7,025.66	7,025.66	211.47	247.19	-90.13	705.87	-8,064.13	573.96	159.24	414.72	1.384	Level 3	
14,000.00	6,961.41	7,025.41	7,025.41	214.41	247.18	-90.09	705.87	-8,064.13	514.21	79.89	434.31	1.184	Level 2	
14,100.00	6,961.15	7,025.15	7,025.15	217.35	247.17	-90.06	705.87	-8,064.13	468.39	15.46	452.93	1.034	Level 2	
14,200.00	6,960.90	7,024.90	7,024.90	220.30	247.16	-90.03	705.87	-8,064.13	440.88	-25.40	466.28	0.946	Level 1	
14,275.09	6,960.71	7,024.71	7,024.71	222.51	247.15	-90.00	705.87	-8,064.13	434.44	-35.61	470.04	0.924	Level 1, CC, ES, SF	
14,300.00	6,960.64	7,024.64	7,024.64	223.25	247.15	-89.99	705.87	-8,064.13	435.15	-34.72	469.87	0.926	Level 1	
14,400.00	6,960.39	7,024.39	7,024.39	226.19	247.14	-89.96	705.87	-8,064.13	452.04	-10.38	462.42	0.978	Level 1	
14,500.00	6,960.13	7,024.13	7,024.13	229.14	247.13	-89.92	705.87	-8,064.13	489.20	42.16	447.04	1.094	Level 2	
14,600.00	6,959.88	7,023.88	7,023.88	232.09	247.12	-89.89	705.87	-8,064.13	542.49	114.07	428.43	1.266	Level 3	
14,700.00	6,959.62	7,023.62	7,023.62	235.03	247.11	-89.86	705.87	-8,064.13	607.69	197.66	410.03	1.482	Level 3	
14,800.00	6,959.37	7,023.37	7,023.37	237.98	247.10	-89.82	705.87	-8,064.13	681.37	287.90	393.46	1.732		
14,900.00	6,959.11	7,023.11	7,023.11	240.93	247.10	-89.79	705.87	-8,064.13	761.08	381.90	379.18	2.007		
15,000.00	6,958.86	7,022.86	7,022.86	243.88	247.09	-89.76	705.87	-8,064.13	845.12	478.04	367.08	2.302		
15,100.00	6,958.61	7,022.61	7,022.61	246.83	247.08	-89.72	705.87	-8,064.13	932.31	575.44	356.87	2.612		
15,200.00	6,958.35	7,022.35	7,022.35	249.77	247.07	-89.69	705.87	-8,064.13	1,021.85	673.60	348.25	2.934		
15,300.00	6,958.10	7,022.10	7,022.10	252.72	247.06	-89.66	705.87	-8,064.13	1,113.18	772.24	340.94	3.265		

Offset Design												5N-67W-11 Offsets Need Directional Surveys - SKYWAY 3-11 Approximation - Noble Energy PR Well -	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_ISCWSA REV 2 MWD	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
14,800.00	6,959.37	7,204.68	7,004.23	237.98	37.01	-91.31	545.20	-9,590.92	1,161.40	1,002.06	159.33	7.289		
14,900.00	6,959.11	7,202.98	7,002.53	240.93	37.00	-91.15	545.21	-9,590.95	1,076.23	905.57	170.66	6.306		
15,000.00	6,958.86	7,201.27	7,000.83	243.88	37.00	-90.98	545.23	-9,590.97	993.83	810.29	183.54	5.415		
15,100.00	6,958.61	7,199.56	6,999.11	246.83	37.00	-90.81	545.24	-9,591.00	914.95	716.82	198.12	4.618		
15,200.00	6,958.35	7,197.83	6,997.39	249.77	37.00	-90.64	545.25	-9,591.03	840.56	626.09	214.48	3.919		
15,300.00	6,958.10	7,196.10	6,995.66	252.72	36.99	-90.47	545.26	-9,591.05	771.98	539.53	232.45	3.321		
15,400.00	6,957.84	7,194.36	6,993.92	255.67	36.99	-90.30	545.27	-9,591.08	710.88	459.37	251.51	2.826		
15,500.00	6,957.59	7,192.62	6,992.17	258.62	36.99	-90.13	545.29	-9,591.11	659.36	388.88	270.47	2.438		
15,600.00	6,957.33	7,190.86	6,990.42	261.57	36.99	-89.96	545.30	-9,591.13	619.79	332.42	287.37	2.157		
15,700.00	6,957.08	7,189.10	6,988.65	264.52	36.98	-89.79	545.31	-9,591.16	594.58	295.01	299.57	1.985		
15,800.00	6,956.82	7,187.32	6,986.88	267.47	36.98	-89.61	545.32	-9,591.19	585.58	280.93	304.65	1.922		
15,803.13	6,956.82	7,187.27	6,986.82	267.57	36.98	-89.61	545.32	-9,591.19	585.57	280.89	304.67	1.922 CC, ES, SF		
15,900.00	6,956.57	7,185.54	6,985.10	270.43	36.98	-89.44	545.33	-9,591.21	593.53	292.03	301.50	1.969		
16,000.00	6,956.31	7,183.75	6,983.31	273.38	36.98	-89.27	545.34	-9,591.24	617.77	326.75	291.02	2.123		
16,100.00	6,956.06	7,181.95	6,981.51	276.33	36.97	-89.09	545.36	-9,591.27	656.50	380.94	275.56	2.382		
16,200.00	6,955.80	7,180.15	6,979.70	279.28	36.97	-88.91	545.37	-9,591.30	707.35	449.62	257.73	2.745		
16,300.00	6,955.55	7,178.33	6,977.89	282.23	36.97	-88.74	545.38	-9,591.33	767.92	528.34	239.57	3.205		
16,400.00	6,955.30	7,176.50	6,976.06	285.18	36.97	-88.56	545.39	-9,591.35	836.08	613.76	222.32	3.761		
16,500.00	6,955.04	7,174.67	6,974.23	288.13	36.96	-88.38	545.41	-9,591.38	910.15	703.57	206.58	4.406		
16,600.00	6,954.79	7,172.83	6,972.39	291.09	36.96	-88.20	545.42	-9,591.41	988.78	796.26	192.52	5.136		
16,700.00	6,954.53	7,170.98	6,970.53	294.04	36.96	-88.02	545.43	-9,591.44	1,070.99	890.88	180.10	5.946		
16,800.00	6,954.28	7,169.11	6,968.67	296.99	36.95	-87.83	545.44	-9,591.47	1,155.99	986.80	169.19	6.832		

Offset Design												5N-67W-11 Offsets Need Directional Surveys - SKYWAY 4-11 - Noble Energy PR Well - No Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_2° CONE_2.448	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
16,100.00	6,956.06	6,978.06	6,978.06	276.33	245.50	-90.41	741.22	-10,953.92	1,130.83	779.33	351.50	3.217		
16,200.00	6,955.80	6,977.80	6,977.80	279.28	245.49	-90.37	741.22	-10,953.92	1,037.23	676.69	360.54	2.877		
16,300.00	6,955.55	6,977.55	6,977.55	282.23	245.48	-90.33	741.22	-10,953.92	944.95	573.68	371.26	2.545		
16,400.00	6,955.30	6,977.30	6,977.30	285.18	245.47	-90.29	741.22	-10,953.92	854.40	470.31	384.09	2.224		
16,500.00	6,955.04	6,977.04	6,977.04	288.13	245.46	-90.25	741.22	-10,953.92	766.21	366.64	399.57	1.918		
16,600.00	6,954.79	6,976.79	6,976.79	291.09	245.45	-90.22	741.22	-10,953.92	681.29	262.95	418.34	1.629		
16,700.00	6,954.53	6,976.53	6,976.53	294.04	245.45	-90.18	741.22	-10,953.92	601.02	159.98	441.04	1.363	Level 3	
16,800.00	6,954.28	6,976.28	6,976.28	296.99	245.44	-90.14	741.22	-10,953.92	527.54	59.56	467.98	1.127	Level 2	
16,900.00	6,954.02	6,976.02	6,976.02	299.95	245.43	-90.10	741.22	-10,953.92	464.09	-34.14	498.23	0.931	Level 1	
17,000.00	6,953.77	6,975.77	6,975.77	302.90	245.42	-90.06	741.22	-10,953.92	415.28	-112.65	527.93	0.787	Level 1	
17,100.00	6,953.51	6,975.51	6,975.51	305.85	245.41	-90.02	741.22	-10,953.92	386.69	-162.32	549.01	0.704	Level 1	
17,164.62	6,953.35	6,975.35	6,975.35	307.76	245.40	-90.00	741.22	-10,953.92	381.25	-172.35	553.60	0.689	Level 1, CC, ES, SF	
17,200.00	6,953.26	6,975.26	6,975.26	308.80	245.40	-89.99	741.22	-10,953.92	382.89	-169.57	552.46	0.693	Level 1	
17,300.00	6,953.00	6,975.00	6,975.00	311.76	245.39	-89.95	741.22	-10,953.92	404.58	-132.07	536.64	0.754	Level 1	
17,302.29	6,953.00	6,975.00	6,975.00	311.83	245.39	-89.95	741.22	-10,953.92	405.35	-130.81	536.16	0.756	Level 1	

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 185-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		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)				
17,200.00	6,953.26	7,070.80	6,968.76	308.80	26.08	-89.08	50.43	-11,476.24	1,176.42	871.57	304.85	3.859		
17,300.00	6,953.00	7,070.38	6,968.34	311.76	26.08	-89.05	50.43	-11,476.24	1,138.30	821.79	316.50	3.596		
17,302.29	6,953.00	7,070.37	6,968.33	311.83	26.08	-89.05	50.43	-11,476.24	1,137.51	820.52	316.99	3.588	CC, ES, SF	

Offset Design											5N-67W-11 Offsets Need Directional Surveys - SWAFFORD 11-11 - SRC Energy PR Well - No Surveys	Offset Site Error:	0.00 usft
Survey Program:											100-SRC Energy_2° CONE_2.448	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
12,400.00	6,965.48	7,012.48	7,012.48	167.37	246.72	-90.53	842.97	-7,291.73	1,142.52	836.97	305.54	3.739	
12,500.00	6,965.22	7,012.22	7,012.22	170.31	246.71	-90.48	842.97	-7,291.73	1,046.41	736.44	309.97	3.376	
12,600.00	6,964.97	7,011.97	7,011.97	173.24	246.70	-90.44	842.97	-7,291.73	951.11	635.81	315.30	3.017	
12,700.00	6,964.72	7,011.72	7,011.72	176.18	246.69	-90.39	842.97	-7,291.73	856.88	535.07	321.81	2.663	
12,800.00	6,964.46	7,011.46	7,011.46	179.11	246.68	-90.34	842.97	-7,291.73	764.11	434.25	329.86	2.316	
12,900.00	6,964.21	7,011.21	7,011.21	182.05	246.67	-90.29	842.97	-7,291.73	673.42	333.45	339.97	1.981	
13,000.00	6,963.95	7,010.95	7,010.95	184.99	246.66	-90.24	842.97	-7,291.73	585.77	232.94	352.83	1.660	
13,100.00	6,963.70	7,010.70	7,010.70	187.93	246.66	-90.19	842.97	-7,291.73	502.75	133.50	369.25	1.362 Level 3	
13,200.00	6,963.44	7,010.44	7,010.44	190.87	246.65	-90.15	842.97	-7,291.73	427.06	37.17	389.90	1.095 Level 2	
13,300.00	6,963.19	7,010.19	7,010.19	193.81	246.64	-90.10	842.97	-7,291.73	363.34	-50.70	414.04	0.878 Level 1	
13,400.00	6,962.93	7,009.93	7,009.93	196.75	246.63	-90.05	842.97	-7,291.73	318.81	-117.83	436.64	0.730 Level 1	
13,500.00	6,962.68	7,009.68	7,009.68	199.69	246.62	-90.00	842.97	-7,291.73	302.11	-144.61	446.72	0.676 Level 1	
13,501.86	6,962.67	7,009.67	7,009.67	199.75	246.62	-90.00	842.97	-7,291.73	302.10	-144.62	446.72	0.676 Level 1, CC, ES, SF	
13,600.00	6,962.42	7,009.42	7,009.42	202.64	246.61	-89.95	842.97	-7,291.73	317.65	-119.28	436.93	0.727 Level 1	
13,700.00	6,962.17	7,009.17	7,009.17	205.58	246.60	-89.90	842.97	-7,291.73	361.29	-52.99	414.28	0.872 Level 1	
13,800.00	6,961.91	7,008.91	7,008.91	208.52	246.59	-89.86	842.97	-7,291.73	424.45	34.55	389.90	1.089 Level 2	
13,900.00	6,961.66	7,008.66	7,008.66	211.47	246.58	-89.81	842.97	-7,291.73	499.78	130.76	369.03	1.354 Level 3	
14,000.00	6,961.41	7,008.41	7,008.41	214.41	246.57	-89.76	842.97	-7,291.73	582.59	230.14	352.45	1.653	
14,100.00	6,961.15	7,008.15	7,008.15	217.35	246.57	-89.71	842.97	-7,291.73	670.11	330.59	339.52	1.974	
14,200.00	6,960.90	7,007.90	7,007.90	220.30	246.56	-89.66	842.97	-7,291.73	760.70	431.32	329.38	2.309	
14,300.00	6,960.64	7,007.64	7,007.64	223.25	246.55	-89.61	842.97	-7,291.73	853.40	532.05	321.36	2.656	
14,400.00	6,960.39	7,007.39	7,007.39	226.19	246.54	-89.57	842.97	-7,291.73	947.59	632.68	314.91	3.009	
14,500.00	6,960.13	7,007.13	7,007.13	229.14	246.53	-89.52	842.97	-7,291.73	1,042.86	733.19	309.67	3.368	
14,600.00	6,959.88	7,006.88	7,006.88	232.09	246.52	-89.47	842.97	-7,291.73	1,138.94	833.58	305.36	3.730	

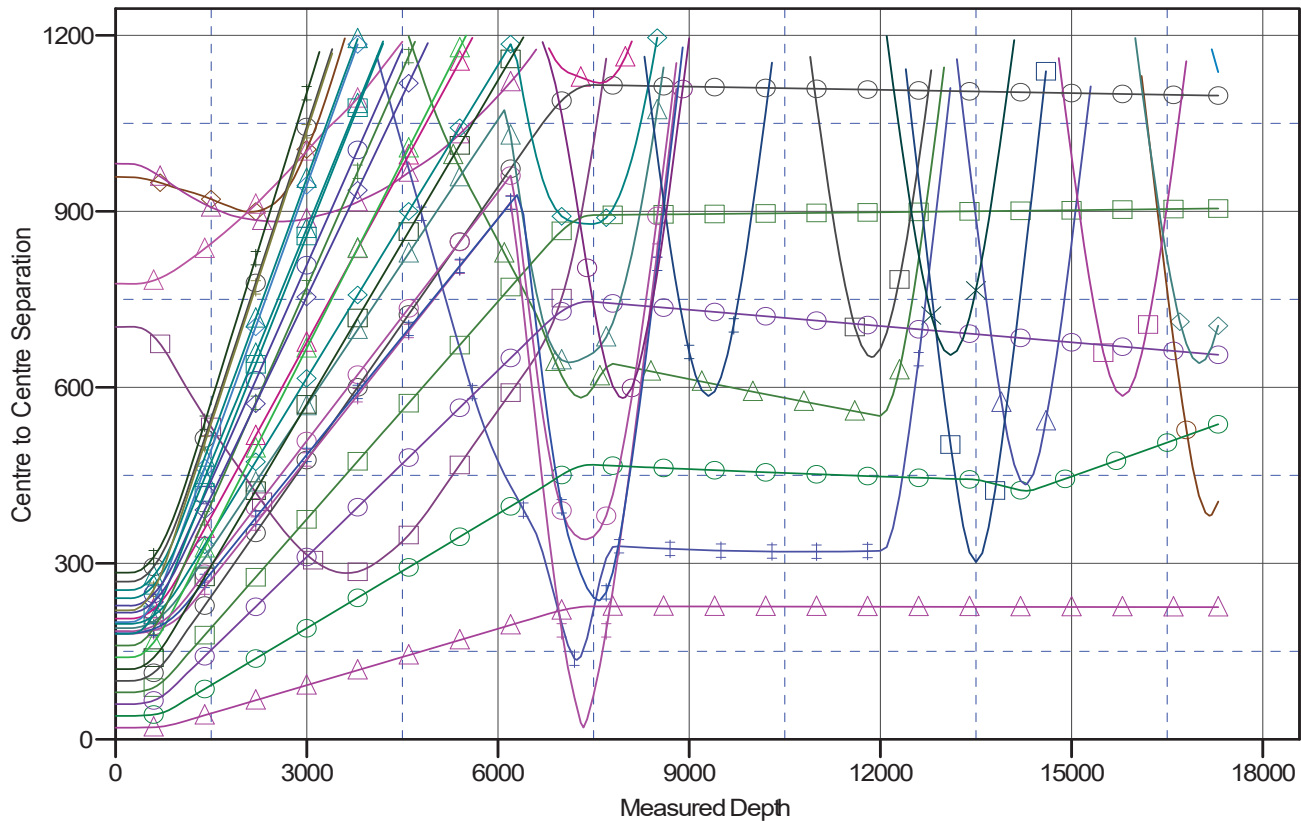
Offset Design												5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	Offset Site Error:	0.00 usft
Survey Program:												214-SRC Energy_ISCWSA REV 2 MWD	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
6,700.00	6,562.43	6,735.67	6,569.92	22.34	32.11	-54.28	599.06	-1,747.72	1,188.88	1,135.65	53.23	22.337		
6,800.00	6,652.07	6,825.65	6,659.90	22.91	32.23	-49.42	599.22	-1,747.29	1,158.90	1,105.20	53.70	21.582		
6,900.00	6,734.32	6,907.17	6,741.41	23.59	32.34	-49.21	599.02	-1,746.74	1,117.18	1,062.99	54.19	20.615		
7,000.00	6,807.15	6,980.03	6,814.27	24.42	32.44	-52.15	598.64	-1,746.12	1,065.39	1,010.67	54.72	19.471		
7,100.00	6,868.78	7,041.28	6,875.52	25.42	32.51	-57.70	598.24	-1,745.52	1,005.58	950.30	55.28	18.191		
7,200.00	6,917.68	7,089.52	6,923.76	26.62	32.57	-65.43	597.91	-1,745.01	940.19	884.30	55.89	16.823		
7,300.00	6,952.66	7,123.60	6,957.83	28.05	32.62	-74.53	597.66	-1,744.63	871.98	815.44	56.54	15.422		
7,400.00	6,972.84	7,142.71	6,976.94	29.69	32.64	-83.64	597.52	-1,744.41	803.96	746.72	57.24	14.046		
7,500.00	6,977.95	7,146.67	6,980.90	31.48	32.65	-90.21	597.49	-1,744.36	739.27	681.32	57.94	12.759		
7,600.00	6,977.70	7,145.25	6,979.48	33.43	32.64	-90.07	597.50	-1,744.38	682.12	623.46	58.66	11.628		
7,700.00	6,977.44	7,143.83	6,978.06	35.52	32.64	-89.93	597.51	-1,744.39	635.67	576.27	59.39	10.702		
7,800.00	6,977.19	7,142.42	6,976.64	37.74	32.64	-89.79	597.52	-1,744.41	602.36	542.24	60.12	10.019		
7,900.00	6,976.94	7,141.01	6,975.23	40.06	32.64	-89.65	597.53	-1,744.43	584.47	523.58	60.89	9.599		
7,956.18	6,976.79	7,140.22	6,974.44	41.41	32.64	-89.57	597.54	-1,744.44	581.77	520.40	61.37	9.480	CC, ES	
8,000.00	6,976.68	7,139.60	6,973.83	42.47	32.64	-89.51	597.54	-1,744.44	583.42	521.67	61.74	9.449	SF	
8,100.00	6,976.43	7,138.20	6,972.42	44.95	32.64	-89.37	597.55	-1,744.46	599.28	536.68	62.60	9.573		
8,200.00	6,976.17	7,136.80	6,971.02	47.49	32.63	-89.23	597.56	-1,744.48	630.79	567.50	63.29	9.966		
8,300.00	6,975.92	7,135.40	6,969.63	50.07	32.63	-89.10	597.57	-1,744.49	675.75	612.08	63.68	10.612		
8,400.00	6,975.66	7,134.01	6,968.24	52.70	32.63	-88.96	597.58	-1,744.51	731.71	667.94	63.76	11.475		
8,500.00	6,975.41	7,132.62	6,966.85	55.36	32.63	-88.82	597.60	-1,744.52	796.33	732.71	63.61	12.518		
8,600.00	6,975.15	7,131.23	6,965.46	58.06	32.63	-88.69	597.61	-1,744.54	867.69	804.36	63.32	13.702		
8,700.00	6,974.90	7,129.85	6,964.08	60.78	32.62	-88.55	597.62	-1,744.56	944.25	881.29	62.96	14.997		
8,800.00	6,974.64	7,128.47	6,962.70	63.52	32.62	-88.42	597.63	-1,744.57	1,024.86	962.29	62.58	16.378		
8,900.00	6,974.39	7,127.10	6,961.33	66.28	32.62	-88.28	597.64	-1,744.59	1,108.64	1,046.44	62.19	17.825		
9,000.00	6,974.13	7,125.72	6,959.95	69.06	32.62	-88.14	597.65	-1,744.60	1,194.91	1,133.07	61.84	19.324		

Offset Design													Offset Site Error:	0.00 usft
5N-67W-12 Offsets - SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy Surveys													Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_2° CONE_2.448, 805-SRC Energy_ISCWSA REV 2 MWD														
Reference		Offset		Semi Major Axis			Offset Wellbore Centre		Distance		Minimum Separation		Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Separation (usft)	Separation Factor		
8,300.00	6,975.92	7,577.32	6,991.40	50.07	61.40	-89.81	585.45	-3,094.08	1,163.87	1,066.07	97.80	11.901		
8,400.00	6,975.66	7,577.22	6,991.31	52.70	61.40	-89.80	585.45	-3,094.08	1,078.62	978.84	99.78	10.810		
8,500.00	6,975.41	7,577.13	6,991.21	55.36	61.40	-89.79	585.45	-3,094.08	996.12	894.12	102.00	9.766		
8,600.00	6,975.15	7,577.04	6,991.12	58.06	61.40	-89.78	585.45	-3,094.08	917.10	812.66	104.45	8.781		
8,700.00	6,974.90	7,576.95	6,991.03	60.78	61.40	-89.77	585.45	-3,094.08	842.56	735.49	107.06	7.870		
8,800.00	6,974.64	7,576.86	6,990.95	63.52	61.40	-89.76	585.45	-3,094.08	773.78	664.04	109.74	7.051		
8,900.00	6,974.39	7,576.78	6,990.86	66.28	61.40	-89.76	585.45	-3,094.08	712.43	600.18	112.25	6.347		
9,000.00	6,974.13	7,576.70	6,990.78	69.06	61.40	-89.75	585.46	-3,094.08	660.59	546.30	114.29	5.780		
9,100.00	6,973.88	7,576.61	6,990.70	71.85	61.40	-89.74	585.46	-3,094.08	620.65	505.16	115.49	5.374		
9,200.00	6,973.63	7,576.53	6,990.62	74.66	61.40	-89.73	585.46	-3,094.08	595.01	479.41	115.60	5.147		
9,300.00	6,973.37	7,576.45	6,990.54	77.48	61.40	-89.72	585.46	-3,094.07	585.54	470.81	114.74	5.103	ES, SF	
9,305.87	6,973.36	7,576.45	6,990.53	77.65	61.40	-89.72	585.46	-3,094.07	585.52	470.85	114.66	5.106	CC	
9,400.00	6,973.12	7,576.38	6,990.46	80.31	61.40	-89.72	585.46	-3,094.07	593.03	479.63	113.41	5.229		
9,500.00	6,972.86	7,576.30	6,990.38	83.15	61.40	-89.71	585.46	-3,094.07	616.86	504.78	112.08	5.504		
9,600.00	6,972.61	7,576.23	6,990.31	86.00	61.40	-89.70	585.46	-3,094.07	655.24	544.42	110.82	5.912		
9,700.00	6,972.35	7,576.15	6,990.23	88.85	61.40	-89.69	585.46	-3,094.07	705.81	596.29	109.52	6.445		
9,800.00	6,972.10	7,576.08	6,990.16	91.72	61.40	-89.69	585.46	-3,094.07	766.16	658.07	108.09	7.088		
9,900.00	6,971.84	7,576.01	6,990.09	94.59	61.40	-89.68	585.46	-3,094.07	834.16	727.58	106.58	7.827		
10,000.00	6,971.59	7,575.94	6,990.02	97.46	61.40	-89.67	585.46	-3,094.07	908.10	803.05	105.05	8.644		
10,100.00	6,971.33	7,575.87	6,989.95	100.34	61.40	-89.67	585.46	-3,094.07	986.65	883.08	103.57	9.526		
10,200.00	6,971.08	7,575.80	6,989.89	103.22	61.40	-89.66	585.46	-3,094.07	1,068.78	966.60	102.18	10.460		
10,300.00	6,970.83	7,575.74	6,989.82	106.11	61.40	-89.65	585.46	-3,094.07	1,153.74	1,052.84	100.90	11.434		

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

Coordinates are relative to: BOST FARM 30N-11B-L  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.43°

# Ladder Plot



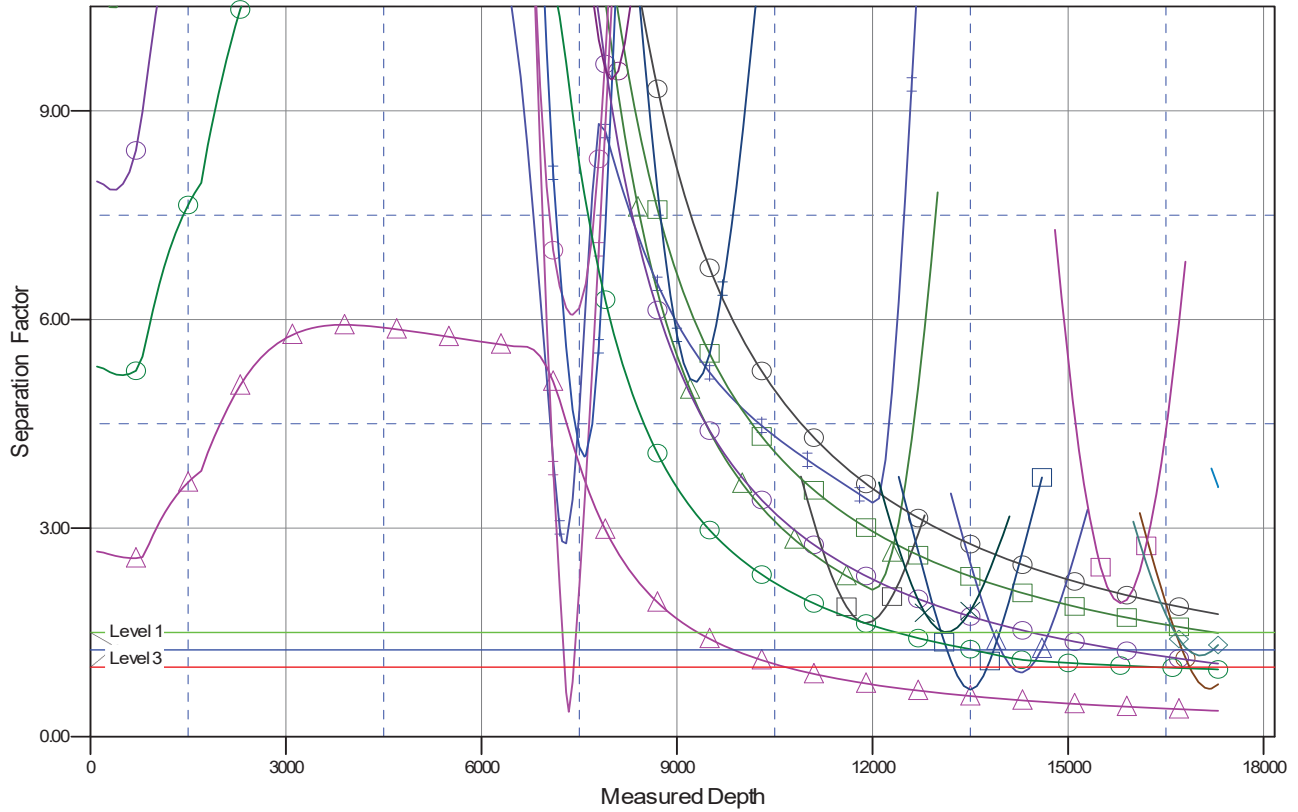
## LEGEND

- |  |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>UPRC7-4#6, Noble Energy/PRWell,Actual VES Surveys/0</li> <li>NAPOLION7-6, Noble Energy/PRWell,Actual VES Surveys/0</li> <li>NAPOLION7-3, Noble Energy/PRWell,Actual VES Surveys/0</li> <li>UPRC7-9#6, Noble Energy/PRWell,Actual VES Surveys/0</li> <li>GreelyRbthe 1-8#SRC Energy/Planned Well,Planned Ensign Directional Surveys/0</li> <li>GreelyRbthe 1-9#SRC Energy/Planned Well,Planned Ensign Directional Surveys/0</li> <li>HERTZEL-33, SRC Energy/SWell, No Surveys/0</li> <li>Stway/Rideral31-11, Noble Energy/PRWell,Actual Strata Surveys/0</li> <li>ARTIST 11-12, SRC Energy/SWell, No Surveys/0</li> <li>SWAFFORD1-11, SRC Energy/PRWell, No Surveys/0</li> <li>SKYWAY4-11, Noble Energy/PRWell, No Surveys/0</li> <li>SKYWAY3-11, Noble Energy/PRWell, Partial Surveys/0</li> <li>BOST FARM11N11CL, Wellbore #1, Design #1 V0</li> </ul> | <ul style="list-style-type: none"> <li>BOST FARM60N11CL, Wellbore #1, Design #1 V0</li> <li>BOST FARM66N88L, Wellbore #1, Design #1 V0</li> <li>BOST FARM1N88L, Wellbore #1, Design #1 V0</li> <li>BOST FARM1C8-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM0C8-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM1N88L, Wellbore #1, Design #1 V0</li> <li>BOST FARM0N88L, Wellbore #1, Design #1 V0</li> <li>BOST FARM2N11CL, Wellbore #1, Design #1 V0</li> <li>BOST FARMN8CL, Wellbore #1, Design #1 V0</li> <li>BOST FARM1N88L, Wellbore #1, Design #1 V0</li> <li>BOST FARM1C11-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM1N8A-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM1N8CL, Wellbore #1, Design #1 V0</li> </ul> | <ul style="list-style-type: none"> <li>BOST FARM6C8-L, Wellbore #1, Design #1 V0</li> <li>BOST FARMN11A-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM26C8-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM5C11-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM1C11-L, Wellbore #1, Design #1 V0</li> <li>BOST FARMN11B-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM1N88L, Wellbore #1, Design #1 V0</li> <li>BOST FARM3N11B-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM2C11-L, Wellbore #1, Design #1 V0</li> <li>SHEEP2-12, SRC Energy/PRWell,Actual MS Energy Surveys/0</li> <li>DETENNE1-12, Noble Energy/PRWell,Actual Strata Surveys/0</li> <li>RIDDOLPH2-33, SRC Energy/PRWell, No Surveys/0</li> <li>Aufredn2-16, SRC Energy/PRWell, No Surveys/0</li> </ul> |
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Reference Depths are relative to RKB = 20' @ 4898.00usft (PD 462)  
 Offset Depths are relative to Offset Datum  
 Central Meridian is -105.500000

Coordinates are relative to: BOST FARM 30N-11B-L  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.43°

## Separation Factor Plot



### LEGEND

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| <ul style="list-style-type: none"> <li>UPRC7-4H, Noble Energy PRWell, Actual VES Surveys V0</li> <li>NAPOLEON7-6, Noble Energy PRWell, Actual VES Surveys V0</li> <li>NAPOLEON7-3, Noble Energy PRWell, Actual VES Surveys V0</li> <li>UPRC7-4H, Noble Energy PRWell, Actual VES Surveys V0</li> <li>GreeleyRoth1-8HSRC Energy Planned Well, Planned Enlign Drednal Surveys V0</li> <li>GreeleyRoth1-9HSRC Energy Planned Well, Planned Enlign Drednal Surveys V0</li> <li>HERTZKE1-33, SRC Energy SW Well, No Surveys V0</li> <li>Skwaysideral31-11, Noble Energy PRWell, Actual Strata Surveys V0</li> <li>ARTIST 11-12, SRC Energy SW Well, No Surveys V0</li> <li>SWAFFORD11-11, SRC Energy PRWell, No Surveys V0</li> <li>SKWAYAY 4-11, Noble Energy PRWell, No Surveys V0</li> <li>SKWAYAY 3-11, Approximate, Noble Energy PRWell, Partial Surveys Mixed with Planned Surveys V0</li> <li>BOST FARM11N11CL, Wellbore #1, Design #1 V0</li> </ul> | <ul style="list-style-type: none"> <li>BOST FARM10N11CL, Wellbore #1, Design #1 V0</li> <li>BOST FARM11N8GL, Wellbore #1, Design #1 V0</li> <li>BOST FARM11N8GL, Wellbore #1, Design #1 V0</li> <li>BOST FARM11C8-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM10C8-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM11N8BL, Wellbore #1, Design #1 V0</li> <li>BOST FARM10N8BL, Wellbore #1, Design #1 V0</li> <li>BOST FARM2N11CL, Wellbore #1, Design #1 V0</li> <li>BOST FARMN8CL, Wellbore #1, Design #1 V0</li> <li>BOST FARM11-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM11C1-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM11N8AL, Wellbore #1, Design #1 V0</li> <li>BOST FARM11N8CL, Wellbore #1, Design #1 V0</li> </ul> | <ul style="list-style-type: none"> <li>BOST FARM6C8-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM5N11AL, Wellbore #1, Design #1 V0</li> <li>BOST FARM2C8-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM5C11-L, Wellbore #1, Design #1 V0</li> <li>BOST FARM6C11-L, Wellbore #1, Design #1 V0</li> <li>BOST FARMN11BL, Wellbore #1, Design #1 V0</li> <li>BOST FARM11N8BL, Wellbore #1, Design #1 V0</li> <li>BOST FARM3N11BL, Wellbore #1, Design #1 V0</li> <li>BOST FARM2C11-L, Wellbore #1, Design #1 V0</li> <li>SHEEP2-12, SRC Energy PRWell, Actual MS Energy Surveys V0</li> <li>DETENNE1-12, Noble Energy PRWell, Actual Strata Surveys V0</li> <li>RIDDOLPH2-33, SRC Energy PRWell, No Surveys V0</li> <li>AufredN2-16, SRC Energy PRWell, No Surveys V0</li> </ul> |
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