

# **SRC ENERGY**

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

**Wellbore #1  
Design #1**

## **Anticollision Report**

**28 December, 2017**

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

<b>Survey Tool Program</b>	<b>Date</b>	12/27/2017			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.00	1,750.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV	Fixed:v2:crustal field declination	
1,750.00	17,074.59	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	263.34	265.26	205.58	197.96	26.987	CC, ES
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	7,800.00	6,819.35	1,162.37	1,098.55	18.212	SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	260.09	262.17	216.17	208.55	28.388	CC, ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	500.00	484.88	222.37	214.46	28.129	SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	257.47	259.70	227.82	220.20	29.926	CC, ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	500.00	484.02	234.66	226.76	29.682	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	255.21	257.57	240.77	233.16	31.636	CC, ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	400.00	391.06	243.53	235.77	31.384	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	200.00	200.00	159.95	152.38	21.133	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	300.00	297.71	160.54	152.89	20.982	SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	200.00	139.90	132.33	18.485	CC
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	200.00	139.90	132.33	18.485	ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	300.00	298.09	140.48	132.83	18.360	SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	200.00	20.05	12.48	2.649	CC
BOST FARM 31C-11-L - Wellbore #1 - Design #1	17,074.59	17,380.69	368.02	-34.08	0.915	Level 1, ES, SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	200.00	40.08	32.51	5.296	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	17,074.59	17,186.67	442.46	-164.68	0.729	Level 1, ES, SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	200.00	60.12	52.55	7.943	CC
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	200.00	60.12	52.55	7.943	ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	17,074.59	17,264.27	680.90	75.19	1.124	Level 2, SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	273.58	273.17	59.93	52.30	7.859	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	17,074.59	17,478.54	718.77	141.04	1.244	Level 2, SF
BOST FARM 32C-12-M - Wellbore #1 - Design #1	11,820.67	13,581.06	1,184.76	847.35	3.511	CC, ES
BOST FARM 32C-12-M - Wellbore #1 - Design #1	11,900.00	13,576.39	1,187.53	848.41	3.502	SF
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	276.64	276.35	39.89	32.26	5.229	CC
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	17,074.59	17,326.08	467.92	-122.11	0.793	Level 1, ES, SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	10,320.49	11,863.93	932.10	675.99	3.639	CC
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	11,800.00	13,342.87	933.00	589.14	2.713	ES
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	11,900.00	13,362.03	936.62	590.21	2.704	SF
BOST FARM 33C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12A-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 38C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 38N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 40C-8-L - Wellbore #1 - Design #1	627.62	606.91	188.45	180.33	23.214	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	7,700.00	6,947.85	626.95	561.63	9.599	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1	6,343.75	6,287.00	1,182.96	1,151.12	37.150	CC
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1	6,400.00	6,342.59	1,183.25	1,151.05	36.750	ES

## Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation Factor	Warning
			Between Centres (usft)	Between Ellipses (usft)		
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1	6,600.00	6,529.22	1,199.95	1,166.08	35.431	SF
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	613.77	594.52	183.68	175.58	22.694	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	7,500.00	6,988.92	436.02	376.72	7.352	SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1	6,400.00	6,372.12	1,002.58	970.37	31.127	CC, ES
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1	6,600.00	6,510.23	1,020.61	986.94	30.317	SF
BOST FARM 41C-8-L - Wellbore #1 - Design #1	270.05	271.65	189.29	181.67	24.831	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	7,600.00	6,961.96	663.21	603.26	11.063	SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	255.60	258.10	180.95	173.34	23.775	CC, ES
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	7,100.00	7,215.12	306.58	254.11	5.843	SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	264.72	266.68	184.13	176.51	24.168	CC, ES
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	7,400.00	7,035.63	445.98	390.17	7.991	SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	267.13	268.85	196.71	189.09	25.812	CC, ES
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	7,700.00	6,897.24	926.59	864.95	15.031	SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	200.00	119.87	112.30	15.838	CC, ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	300.00	298.50	120.42	112.77	15.738	SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	200.00	79.80	72.23	10.543	CC, ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	17,074.59	17,380.66	941.73	356.03	1.608	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	200.00	99.83	92.26	13.190	CC, ES
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	17,074.59	17,199.52	1,104.89	484.13	1.780	SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	282.85	282.69	19.84	12.21	2.599	CC
BOST FARM 5C-11-L - Wellbore #1 - Design #1	17,074.59	17,413.82	385.06	-57.85	0.869	Level 1, ES, SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	200.00	203.00	181.10	173.53	23.925	CC
BOST FARM 8C-8-L - Wellbore #1 - Design #1	7,508.89	7,022.96	185.83	126.83	3.150	ES, SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	7,408.01	7,064.54	84.68	28.12	1.497	Level 3, CC, ES, SF
BOST FARM 9C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8C-L - Wellbore #1 - Design #1						Out of range
5N-66W-07 Offsets						
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-13 - SRC Energy SI Well - No Surveys						Out of range
ARIEL J 7-14 - Noble Energy SI Well - Actual VES Surv						Out of range
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	300.00	290.63	1,104.48	1,097.03	148.156	CC, ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	1,500.00	1,496.33	1,199.17	1,188.63	113.727	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	204.39	182.17	1,079.16	1,071.78	146.072	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	4,000.00	4,145.79	1,197.11	1,176.11	57.004	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	1,393.83	1,367.81	802.85	792.48	77.411	CC
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	1,500.00	1,471.82	803.00	792.19	74.304	ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	6,900.00	6,733.99	1,079.12	1,044.44	31.121	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	5,295.44	5,240.96	52.54	26.36	2.007	CC
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	5,300.00	5,245.47	52.54	26.34	2.005	ES, SF
5N-66W-08 Offsets Need HZ						
DRAKE 8-1 - St. James AB Well - No Surveys						Out of range
DRAKE 8-13H6 - SRC Energy PR Well - Actual VES Sur						Out of range
DRAKE 8-15H6 - Noble Energy PR Well - No Surveys						Out of range
DRAKE 8-2 - St. James AB Well - No Surveys						Out of range
MOEN 8-7H6 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surv						Out of range
MOEN J 8-8 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-9 - SRC Energy SI Well - No Surveys						Out of range
WHITE 8-1 - Extraction PR Well - No Surveys						Out of range
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv						Out of range
WIEDEMAN 8-11H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-12H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S						Out of range
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES						Out of range

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)		Separation Factor	Warning
Offset Well - Wellbore - Design				Between Ellipses (usft)		
5N-66W-09 Offsets Incomplete						
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range
5N-66W-18 Offsets Incomplete						
LUNDVALL J 17-30D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-27D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-28D - Noble Energy PR Well - Actual VE						Out of range
5N-67W-01 Offsets Incomplete						
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann						Out of range
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann						Out of range
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range
5N-67W-02 Offsets Incomplete						
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys						Out of range
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys						Out of range
5N-67W-10 Offsets Incomplete						
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P	12,800.00	16,709.54	1,064.81	550.05	2.069	ES, SF
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P	17,074.59	12,435.08	1,050.12	557.46	2.132	CC
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P						Out of range
5N-67W-11 Offsets Need Directional Surveys						
ARTIST 11-12 - SRC Energy SI Well - No Surveys						Out of range
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S	16,209.60	7,037.34	514.41	204.09	1.658	CC, ES, SF
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S	16,200.84	7,013.34	748.55	435.89	2.394	CC, ES, SF
SKYWAY 3-11 Approximation - Noble Energy PR Well - *	15,569.78	7,090.12	1,174.66	870.76	3.865	CC
SKYWAY 3-11 Approximation - Noble Energy PR Well - *	15,600.00	7,089.58	1,175.05	870.35	3.856	ES, SF
SKYWAY 4-11 - Noble Energy PR Well - No Surveys						Out of range
SKYWAY 5-11 - Noble Energy PR Well - No Surveys	17,072.01	6,888.00	179.99	-374.05	0.325	Level 1, CC
SKYWAY 5-11 - Noble Energy PR Well - No Surveys	17,074.59	6,888.00	180.01	-374.12	0.325	Level 1, ES, SF
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene	15,562.48	7,231.92	140.81	-169.30	0.454	Level 1, CC, ES, SF
Skyway Federal 31-11 - Noble Energy PR Well - Actual S	17,074.59	6,996.01	785.98	486.29	2.623	CC, ES, SF
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys						Out of range
UPRR 49 PAN AM B 1 - SRC Energy PR Well - No Surve						Out of range
5N-67W-12 Offsets						
BORESEN 1 - Noble Energy PR Well - No Surveys	7,704.07	6,824.37	149.22	-129.43	0.536	Level 1, CC, ES, SF
DETENNE 1-12 - Noble PR Well - Actual Strata Surveys	7,722.57	7,014.00	1,197.16	1,137.46	20.055	CC, ES
DETENNE 1-12 - Noble PR Well - Actual Strata Surveys	7,800.00	7,013.28	1,199.66	1,138.18	19.514	SF
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	8,420.52	6,953.45	567.88	485.64	6.905	CC, ES
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	8,500.00	6,953.65	573.42	488.94	6.788	SF
DETENNE 24-12 - Noble Energy PR Well - Actual Strata	8,475.65	6,947.89	604.64	520.80	7.212	CC
DETENNE 24-12 - Noble Energy PR Well - Actual Strata	8,500.00	6,947.97	605.13	520.25	7.129	ES
DETENNE 24-12 - Noble Energy PR Well - Actual Strata	8,600.00	6,948.31	617.30	529.27	7.012	SF
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy	9,070.35	7,451.29	1,189.97	1,076.46	10.484	CC
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy	9,100.00	7,451.47	1,190.33	1,075.72	10.386	ES
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy	9,200.00	7,452.06	1,197.01	1,078.76	10.123	SF
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy	9,064.37	6,998.53	121.70	11.86	1.108	Level 2, CC, ES, SF
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy						Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range

Offset Design												Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	3.00	3.28	3.28	-60.50	101.29	-179.04	205.70				

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				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)
100.00	100.00	103.00	103.00	3.28	3.28	-60.50	101.29	-179.04	205.70	198.17	7.53	27.327	
200.00	200.00	203.00	203.00	3.30	3.30	-60.50	101.29	-179.04	205.70	198.13	7.57	27.175	
263.34	263.34	265.26	265.26	3.33	3.33	61.58	101.30	-179.07	205.58	197.96	7.62	26.987 CC, ES	
300.00	300.00	299.49	299.48	3.34	3.34	61.58	101.44	-179.44	205.95	198.29	7.65	26.918	
400.00	399.93	392.79	392.73	3.40	3.40	62.20	102.54	-182.37	207.61	199.85	7.76	26.759	
500.00	499.68	485.92	485.65	3.48	3.48	63.43	104.70	-188.12	210.93	203.03	7.90	26.687	
600.00	599.13	578.75	578.03	3.59	3.58	65.18	107.92	-196.67	216.06	207.97	8.09	26.704	
700.00	698.32	671.22	669.71	3.73	3.71	67.21	112.16	-207.97	223.68	215.36	8.32	26.873	
800.00	797.51	763.28	760.54	3.90	3.86	68.92	117.42	-221.96	234.65	226.05	8.60	27.281	
900.00	896.70	854.74	850.26	4.08	4.05	70.26	123.66	-238.56	248.84	239.92	8.92	27.903	
1,000.00	995.89	945.43	938.62	4.29	4.28	71.24	130.84	-257.66	266.12	256.85	9.27	28.704	
1,100.00	1,095.08	1,038.23	1,028.38	4.52	4.56	71.93	139.13	-279.70	286.19	276.51	9.68	29.573	
1,200.00	1,194.27	1,136.02	1,122.82	4.76	4.88	72.53	148.06	-303.47	306.87	296.72	10.16	30.218	
1,300.00	1,293.46	1,233.81	1,217.25	5.01	5.24	73.05	156.99	-327.24	327.58	316.92	10.66	30.718	
1,400.00	1,392.65	1,331.60	1,311.69	5.27	5.62	73.51	165.93	-351.01	348.32	337.12	11.20	31.097	
1,500.00	1,491.84	1,429.39	1,406.13	5.54	6.01	73.91	174.86	-374.77	369.07	357.32	11.75	31.398	
1,600.00	1,591.03	1,527.18	1,500.56	5.82	6.42	74.28	183.80	-398.54	389.84	377.51	12.33	31.609	
1,700.00	1,690.22	1,624.97	1,595.00	6.11	6.84	74.60	192.73	-422.31	410.62	397.69	12.93	31.762	
1,800.00	1,789.41	1,722.77	1,689.44	6.26	7.23	74.90	201.67	-446.08	431.42	418.26	13.16	32.787	
1,900.00	1,888.60	1,820.56	1,783.87	6.29	7.44	75.17	210.60	-469.85	452.22	439.05	13.16	34.351	
2,000.00	1,987.79	1,918.35	1,878.31	6.34	7.52	75.41	219.54	-493.62	473.03	459.77	13.26	35.681	
2,100.00	2,086.98	2,016.14	1,972.75	6.41	7.63	75.64	228.47	-517.39	493.85	480.46	13.39	36.882	
2,200.00	2,186.17	2,113.93	2,067.18	6.50	7.77	75.84	237.40	-541.16	514.68	501.12	13.56	37.951	
2,300.00	2,285.36	2,211.72	2,161.62	6.60	7.94	76.03	246.34	-564.93	535.51	521.74	13.77	38.887	
2,400.00	2,384.54	2,309.51	2,256.06	6.72	8.14	76.21	255.27	-588.70	556.35	542.33	14.02	39.692	
2,500.00	2,483.73	2,407.30	2,350.49	6.86	8.36	76.37	264.21	-612.46	577.19	562.89	14.30	40.373	
2,600.00	2,582.92	2,505.09	2,444.93	7.01	8.61	76.52	273.14	-636.23	598.04	583.43	14.61	40.939	
2,700.00	2,682.11	2,602.89	2,539.37	7.17	8.88	76.66	282.08	-660.00	618.89	603.94	14.95	41.393	
2,800.00	2,781.30	2,700.68	2,633.81	7.35	9.16	76.80	291.01	-683.77	639.74	624.42	15.32	41.753	
2,900.00	2,880.49	2,801.53	2,728.24	7.54	9.48	76.92	299.94	-707.54	660.60	644.87	15.73	42.006	
3,000.00	2,979.68	2,903.74	2,822.68	7.73	9.82	77.04	308.88	-731.31	681.46	665.30	16.16	42.174	
3,100.00	3,078.87	3,005.95	2,917.12	7.94	10.17	77.15	317.81	-755.08	702.32	685.71	16.61	42.273	
3,200.00	3,178.06	3,091.84	3,011.55	8.16	10.48	77.25	326.75	-778.85	723.18	706.13	17.05	42.417	
3,300.00	3,277.25	3,189.63	3,105.99	8.39	10.84	77.35	335.68	-802.62	744.05	726.52	17.53	42.438	
3,400.00	3,376.44	3,287.42	3,200.43	8.62	11.21	77.44	344.62	-826.39	764.92	746.89	18.03	42.417	
3,500.00	3,475.63	3,385.22	3,294.86	8.86	11.59	77.53	353.55	-850.15	785.79	767.24	18.55	42.360	
3,600.00	3,574.82	3,483.01	3,389.30	9.11	11.98	77.61	362.48	-873.92	806.66	787.58	19.08	42.274	
3,700.00	3,674.01	3,580.80	3,483.74	9.36	12.37	77.69	371.42	-897.69	827.53	807.91	19.63	42.164	
3,800.00	3,773.20	3,678.59	3,578.17	9.62	12.78	77.76	380.35	-921.46	848.41	828.23	20.18	42.035	
3,900.00	3,872.39	3,776.38	3,672.61	9.89	13.19	77.83	389.29	-945.23	869.28	848.53	20.75	41.889	
4,000.00	3,971.58	3,874.17	3,767.05	10.16	13.61	77.90	398.22	-969.00	890.16	868.83	21.33	41.731	
4,100.00	4,070.77	3,971.96	3,861.48	10.43	14.03	77.96	407.16	-992.77	911.04	889.12	21.92	41.564	
4,200.00	4,169.95	4,069.75	3,955.92	10.71	14.46	78.03	416.09	-1,016.54	931.92	909.40	22.52	41.388	
4,300.00	4,269.14	4,167.54	4,050.36	10.99	14.89	78.08	425.03	-1,040.31	952.80	929.68	23.12	41.208	
4,400.00	4,368.33	4,265.34	4,144.80	11.28	15.32	78.14	433.96	-1,064.07	973.68	949.95	23.73	41.024	
4,500.00	4,467.52	4,363.13	4,239.23	11.57	15.76	78.20	442.89	-1,087.84	994.56	970.21	24.35	40.837	
4,600.00	4,566.71	4,460.92	4,333.67	11.86	16.21	78.25	451.83	-1,111.61	1,015.45	990.47	24.98	40.649	
4,700.00	4,665.90	4,558.71	4,428.11	12.15	16.65	78.30	460.76	-1,135.38	1,036.33	1,010.72	25.61	40.461	
4,800.00	4,765.09	4,656.50	4,522.54	12.45	17.10	78.34	469.70	-1,159.15	1,057.21	1,030.96	26.25	40.274	
4,900.00	4,864.28	4,754.29	4,616.98	12.75	17.55	78.39	478.63	-1,182.92	1,078.10	1,051.21	26.89	40.087	
5,000.00	4,963.47	4,852.08	4,711.42	13.05	18.01	78.43	487.57	-1,206.69	1,098.99	1,071.44	27.54	39.903	
5,100.00	5,062.66	4,949.87	4,805.85	13.36	18.46	78.48	496.50	-1,230.46	1,119.87	1,091.68	28.19	39.721	
5,200.00	5,161.85	5,047.66	4,900.29	13.66	18.92	78.52	505.43	-1,254.23	1,140.76	1,111.91	28.85	39.541	
5,300.00	5,261.04	5,145.46	4,994.73	13.97	19.38	78.56	514.37	-1,278.00	1,161.65	1,132.14	29.51	39.365	
5,400.00	5,360.23	5,243.25	5,089.16	14.28	19.84	78.60	523.30	-1,301.76	1,182.53	1,152.36	30.17	39.191	
6,600.00	6,534.91	7,776.38	6,981.64	18.55	35.44	107.35	687.45	-721.05	1,187.92	1,137.42	50.50	23.524	
6,700.00	6,615.53	7,719.53	6,980.38	19.31	34.36	105.63	688.14	-777.88	1,165.86	1,114.76	51.10	22.814	
6,800.00	6,685.98	7,650.54	6,978.84	20.26	33.13	103.63	688.97	-846.85	1,151.23	1,099.69	51.54	22.336	
6,900.00	6,744.53	7,571.09	6,977.07	21.45	31.81	101.45	689.93	-926.27	1,142.66	1,090.73	51.92	22.006	
7,000.00	6,789.75	7,451.27	6,970.36	22.91	30.03	98.57	691.00	-1,045.81	1,137.95	1,086.00	51.96	21.902	
7,100.00	6,820.51	7,309.73	6,936.02	24.63	28.31	95.06	689.80	-1,182.82	1,132.46	1,080.24	52.22	21.688	
7,200.00	6,836.06	7,189.89	6,883.98	26.56	27.24	92.03	686.58	-1,290.53	1,126.50	1,073.24	53.26	21.151	
7,300.00	6,838.04	7,087.11	6,824.02										

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
7,600.00	6,838.29	6,891.83	6,677.11	35.65	26.00	81.58	670.71	-1,500.72	1,127.13	1,066.57	60.55	18.614		
7,700.00	6,838.37	6,850.00	6,641.04	38.16	25.94	79.74	667.72	-1,521.68	1,141.27	1,078.97	62.29	18.321		
7,800.00	6,838.45	6,819.35	6,613.79	40.74	25.90	78.35	665.43	-1,535.51	1,162.37	1,098.55	63.82	18.212 SF		
7,900.00	6,838.53	6,792.63	6,589.51	43.37	25.87	77.13	663.37	-1,546.48	1,190.46	1,125.38	65.08	18.292		

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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)					
0.00	0.00	3.00	3.00	3.28	3.28	-55.88	121.32	-179.03	216.27							
100.00	100.00	103.00	103.00	3.28	3.28	-55.88	121.32	-179.03	216.27	208.74	7.53	28.730				
200.00	200.00	203.00	203.00	3.30	3.30	-55.88	121.32	-179.03	216.27	208.70	7.57	28.571				
260.09	260.09	262.17	262.17	3.32	3.33	66.20	121.33	-179.06	216.17	208.55	7.61	28.388	CC, ES			
300.00	300.00	299.29	299.29	3.34	3.34	66.21	121.53	-179.41	216.55	208.90	7.65	28.303				
400.00	399.93	392.21	392.15	3.40	3.40	66.88	123.04	-182.12	218.49	210.73	7.76	28.158				
500.00	499.68	484.88	484.62	3.48	3.48	68.18	126.00	-187.44	222.37	214.46	7.91	28.129	SF			
600.00	599.13	577.17	576.46	3.59	3.58	70.04	130.40	-195.34	228.37	220.28	8.09	28.220				
700.00	698.32	669.00	667.50	3.73	3.71	72.21	136.20	-205.76	237.12	228.79	8.33	28.483				
800.00	797.51	760.32	757.63	3.90	3.86	74.09	143.37	-218.65	249.31	240.70	8.60	28.980				
900.00	896.70	850.98	846.58	4.08	4.04	75.63	151.87	-233.91	264.80	255.88	8.92	29.701				
1,000.00	995.89	940.78	934.11	4.29	4.27	76.83	161.63	-251.45	283.45	274.19	9.26	30.595				
1,100.00	1,095.08	1,029.58	1,019.99	4.52	4.52	77.72	172.59	-271.15	305.13	295.49	9.64	31.642				
1,200.00	1,194.27	1,125.09	1,111.86	4.76	4.85	78.44	185.30	-293.97	328.76	318.65	10.11	32.526				
1,300.00	1,293.46	1,222.17	1,205.22	5.01	5.21	79.08	198.23	-317.21	352.48	341.87	10.61	33.210				
1,400.00	1,392.65	1,319.24	1,298.59	5.27	5.59	79.64	211.16	-340.45	376.24	365.09	11.15	33.746				
1,500.00	1,491.84	1,416.32	1,391.95	5.54	6.00	80.12	224.10	-363.69	400.02	388.32	11.70	34.187				
1,600.00	1,591.03	1,513.40	1,485.31	5.82	6.42	80.56	237.03	-386.93	423.83	411.55	12.28	34.517				
1,700.00	1,690.22	1,610.47	1,578.67	6.11	6.85	80.95	249.97	-410.16	447.66	434.79	12.87	34.774				
1,800.00	1,789.41	1,707.55	1,672.04	6.26	7.28	81.30	262.90	-433.40	471.51	458.38	13.13	35.913				
1,900.00	1,888.60	1,804.63	1,765.40	6.29	7.52	81.61	275.84	-456.64	495.37	482.21	13.16	37.641				
2,000.00	1,987.79	1,901.70	1,858.76	6.34	7.60	81.90	288.77	-479.88	519.24	505.99	13.25	39.188				
2,100.00	2,086.98	2,001.22	1,952.13	6.41	7.71	82.16	301.70	-503.12	543.13	529.75	13.38	40.584				
2,200.00	2,186.17	2,104.14	2,045.49	6.50	7.87	82.40	314.64	-526.35	567.03	553.47	13.56	41.818				
2,300.00	2,285.36	2,207.06	2,138.85	6.60	8.06	82.62	327.57	-549.59	590.93	577.15	13.78	42.894				
2,400.00	2,384.54	2,290.01	2,232.22	6.72	8.24	82.82	340.51	-572.83	614.84	600.84	14.01	43.900				
2,500.00	2,483.73	2,387.09	2,325.58	6.86	8.47	83.01	353.44	-596.07	638.76	624.48	14.29	44.715				
2,600.00	2,582.92	2,484.17	2,418.94	7.01	8.72	83.18	366.38	-619.31	662.69	648.09	14.60	45.397				
2,700.00	2,682.11	2,581.24	2,512.30	7.17	9.00	83.34	379.31	-642.54	686.62	671.67	14.94	45.957				
2,800.00	2,781.30	2,678.32	2,605.67	7.35	9.30	83.50	392.24	-665.78	710.55	695.24	15.31	46.406				
2,900.00	2,880.49	2,775.40	2,699.03	7.54	9.61	83.64	405.18	-689.02	734.49	718.78	15.71	46.754				
3,000.00	2,979.68	2,872.47	2,792.39	7.73	9.94	83.77	418.11	-712.26	758.43	742.30	16.13	47.014				
3,100.00	3,078.87	2,969.55	2,885.76	7.94	10.29	83.89	431.05	-735.50	782.38	765.80	16.58	47.197				
3,200.00	3,178.06	3,066.63	2,979.12	8.16	10.65	84.01	443.98	-758.73	806.33	789.29	17.04	47.312				
3,300.00	3,277.25	3,163.70	3,072.48	8.39	11.02	84.12	456.92	-781.97	830.28	812.75	17.53	47.369				
3,400.00	3,376.44	3,260.78	3,165.84	8.62	11.41	84.22	469.85	-805.21	854.24	836.21	18.03	47.378				
3,500.00	3,475.63	3,357.86	3,259.21	8.86	11.80	84.32	482.78	-828.45	878.20	859.65	18.55	47.344				
3,600.00	3,574.82	3,454.93	3,352.57	9.11	12.20	84.42	495.72	-851.69	902.16	883.07	19.08	47.276				
3,700.00	3,674.01	3,552.01	3,445.93	9.36	12.61	84.50	508.65	-874.92	926.12	906.49	19.63	47.180				
3,800.00	3,773.20	3,649.09	3,539.30	9.62	13.03	84.59	521.59	-898.16	950.08	929.89	20.19	47.059				
3,900.00	3,872.39	3,746.17	3,632.66	9.89	13.46	84.67	534.52	-921.40	974.05	953.29	20.76	46.919				
4,000.00	3,971.58	3,843.24	3,726.02	10.16	13.89	84.74	547.46	-944.64	998.02	976.68	21.34	46.764				
4,100.00	4,070.77	3,940.32	3,819.38	10.43	14.32	84.82	560.39	-967.88	1,021.99	1,000.06	21.93	46.597				
4,200.00	4,169.95	4,037.40	3,912.75	10.71	14.77	84.88	573.32	-991.11	1,045.96	1,023.43	22.53	46.419				
4,300.00	4,269.14	4,134.47	4,006.11	10.99	15.21	84.95	586.26	-1,014.35	1,069.93	1,046.79	23.14	46.235				
4,400.00	4,368.33	4,231.55	4,099.47	11.28	15.66	85.01	599.19	-1,037.59	1,093.91	1,070.15	23.76	46.046				
4,500.00	4,467.52	4,328.63	4,192.84	11.57	16.12	85.07	612.13	-1,060.83	1,117.88	1,093.50	24.38	45.853				
4,600.00	4,566.71	4,425.70	4,286.20	11.86	16.57	85.13	625.06	-1,084.07	1,141.86	1,116.85	25.01	45.658				
4,700.00	4,665.90	4,522.78	4,379.56	12.15	17.03	85.19	638.00	-1,107.30	1,165.83	1,140.19	25.64	45.461				
4,800.00	4,765.09	4,619.86	4,472.92	12.45	17.50	85.24	650.93	-1,130.54	1,189.81	1,163.53	26.29	45.265				

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1		Offset Site Error:		0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)					
0.00	0.00	3.00	3.00	3.28	3.28	-51.66	141.36	-178.76	227.90							
100.00	100.00	103.00	103.00	3.28	3.28	-51.66	141.36	-178.76	227.90	220.37	7.53	30.275				
200.00	200.00	203.00	203.00	3.30	3.30	-51.66	141.36	-178.76	227.90	220.33	7.57	30.107				
257.47	257.47	259.70	259.70	3.32	3.33	70.40	141.37	-178.77	227.82	220.20	7.61	29.926	CC, ES			
300.00	300.00	299.11	299.11	3.34	3.34	70.41	141.58	-179.11	228.20	220.55	7.65	29.826				
400.00	399.93	391.69	391.64	3.40	3.40	71.04	143.21	-181.73	230.36	222.60	7.76	29.687				
500.00	499.68	484.02	483.76	3.48	3.48	72.26	146.39	-186.88	234.66	226.76	7.91	29.682	SF			
600.00	599.13	575.92	575.22	3.59	3.58	74.00	151.12	-194.50	241.29	233.20	8.09	29.811				
700.00	698.32	667.33	665.86	3.73	3.71	76.04	157.35	-204.55	250.77	242.44	8.33	30.113				
800.00	797.51	758.22	755.56	3.90	3.86	77.80	165.05	-216.97	263.63	255.02	8.61	30.634				
900.00	896.70	848.41	844.07	4.08	4.04	79.23	174.18	-231.68	279.75	270.83	8.92	31.368				
1,000.00	995.89	937.74	931.15	4.29	4.26	80.34	184.65	-248.58	298.97	289.71	9.27	32.263				
1,100.00	1,095.08	1,026.05	1,016.59	4.52	4.51	81.15	196.41	-267.55	321.18	311.54	9.64	33.301				
1,200.00	1,194.27	1,119.83	1,106.73	4.76	4.83	81.78	210.04	-289.53	345.64	335.55	10.10	34.229				
1,300.00	1,293.46	1,216.68	1,199.79	5.01	5.19	82.34	224.20	-312.36	370.29	359.69	10.60	34.922				
1,400.00	1,392.65	1,313.54	1,292.84	5.27	5.57	82.83	238.35	-335.18	394.97	383.84	11.14	35.462				
1,500.00	1,491.84	1,410.39	1,385.90	5.54	5.98	83.26	252.50	-358.01	419.68	407.99	11.69	35.899				
1,600.00	1,591.03	1,507.25	1,478.96	5.82	6.40	83.65	266.66	-380.84	444.40	432.13	12.27	36.222				
1,700.00	1,690.22	1,604.10	1,572.01	6.11	6.83	83.99	280.81	-403.67	469.14	456.28	12.86	36.474				
1,800.00	1,789.41	1,700.96	1,665.07	6.26	7.27	84.30	294.97	-426.49	493.90	480.77	13.13	37.618				
1,900.00	1,888.60	1,797.81	1,758.12	6.29	7.53	84.58	309.12	-449.32	518.66	505.50	13.17	39.390				
2,000.00	1,987.79	1,905.33	1,851.18	6.34	7.62	84.84	323.27	-472.15	543.44	530.18	13.26	40.968				
2,100.00	2,086.98	2,008.48	1,944.24	6.41	7.74	85.07	337.43	-494.97	568.23	554.83	13.40	42.400				
2,200.00	2,186.17	2,088.38	2,037.29	6.50	7.87	85.28	351.58	-517.80	593.02	579.46	13.56	43.737				
2,300.00	2,285.36	2,185.23	2,130.35	6.60	8.04	85.48	365.74	-540.63	617.82	604.06	13.77	44.880				
2,400.00	2,384.54	2,282.08	2,223.41	6.72	8.25	85.66	379.89	-563.46	642.63	628.62	14.01	45.869				
2,500.00	2,483.73	2,378.94	2,316.46	6.86	8.48	85.82	394.04	-586.28	667.45	653.16	14.29	46.712				
2,600.00	2,582.92	2,475.79	2,409.52	7.01	8.73	85.98	408.20	-609.11	692.26	677.66	14.60	47.415				
2,700.00	2,682.11	2,572.65	2,502.57	7.17	9.01	86.12	422.35	-631.94	717.09	702.14	14.94	47.991				
2,800.00	2,781.30	2,669.50	2,595.63	7.35	9.31	86.26	436.50	-654.77	741.91	726.60	15.31	48.451				
2,900.00	2,880.49	2,766.36	2,688.69	7.54	9.62	86.39	450.66	-677.59	766.74	751.03	15.71	48.807				
3,000.00	2,979.68	2,863.21	2,781.74	7.73	9.96	86.50	464.81	-700.42	791.58	775.45	16.13	49.070				
3,100.00	3,078.87	2,960.07	2,874.80	7.94	10.30	86.61	478.97	-723.25	816.41	799.84	16.58	49.253				
3,200.00	3,178.06	3,056.92	2,967.85	8.16	10.67	86.72	493.12	-746.08	841.25	824.21	17.04	49.365				
3,300.00	3,277.25	3,153.78	3,060.91	8.39	11.04	86.82	507.27	-768.90	866.10	848.57	17.53	49.418				
3,400.00	3,376.44	3,250.63	3,153.97	8.62	11.43	86.91	521.43	-791.73	890.94	872.91	18.03	49.420				
3,500.00	3,475.63	3,347.49	3,247.02	8.86	11.82	87.00	535.58	-814.56	915.79	897.24	18.55	49.378				
3,600.00	3,574.82	3,444.34	3,340.08	9.11	12.23	87.08	549.73	-837.39	940.63	921.55	19.08	49.301				
3,700.00	3,674.01	3,541.20	3,433.14	9.36	12.64	87.16	563.89	-860.21	965.48	945.86	19.63	49.193				
3,800.00	3,773.20	3,638.05	3,526.19	9.62	13.06	87.24	578.04	-883.04	990.34	970.15	20.19	49.061				
3,900.00	3,872.39	3,734.91	3,619.25	9.89	13.49	87.31	592.20	-905.87	1,015.19	994.43	20.76	48.910				
4,000.00	3,971.58	3,831.76	3,712.30	10.16	13.92	87.37	606.35	-928.70	1,040.04	1,018.71	21.34	48.742				
4,100.00	4,070.77	3,928.62	3,805.36	10.43	14.36	87.44	620.50	-951.52	1,064.90	1,042.97	21.93	48.562				
4,200.00	4,169.95	4,025.47	3,898.42	10.71	14.80	87.50	634.66	-974.35	1,089.76	1,067.23	22.53	48.372				
4,300.00	4,269.14	4,122.33	3,991.47	10.99	15.25	87.56	648.81	-997.18	1,114.61	1,091.48	23.14	48.175				
4,400.00	4,368.33	4,219.18	4,084.53	11.28	15.70	87.62	662.97	-1,020.00	1,139.47	1,115.72	23.75	47.973				
4,500.00	4,467.52	4,316.04	4,177.58	11.57	16.16	87.67	677.12	-1,042.83	1,164.33	1,139.96	24.38	47.767				
4,600.00	4,566.71	4,412.89	4,270.64	11.86	16.62	87.72	691.27	-1,065.66	1,189.19	1,164.19	25.00	47.560				

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	3.00	3.00	3.28	3.28	-47.92	161.39	-178.76	240.83				
100.00	100.00	103.00	103.00	3.28	3.28	-47.92	161.39	-178.76	240.83	233.31	7.53	31.994	
200.00	200.00	203.00	203.00	3.30	3.30	-47.92	161.39	-178.76	240.83	233.27	7.57	31.816	
255.21	255.21	257.57	257.57	3.32	3.32	74.14	161.40	-178.76	240.77	233.16	7.61	31.636	CC, ES
300.00	300.00	298.90	298.90	3.34	3.34	74.15	161.64	-179.09	241.17	233.52	7.65	31.521	
400.00	399.93	391.06	391.01	3.40	3.40	74.77	163.49	-181.53	243.53	235.77	7.76	31.384	SF
500.00	499.68	482.93	482.68	3.48	3.48	75.97	167.10	-186.31	248.27	240.36	7.91	31.401	
600.00	599.13	574.32	573.63	3.59	3.58	77.67	172.46	-193.38	255.55	247.45	8.09	31.569	
700.00	698.32	665.15	663.70	3.73	3.70	79.70	179.51	-202.71	265.82	257.49	8.33	31.920	
800.00	797.51	755.40	752.79	3.90	3.85	81.47	188.22	-214.22	279.50	270.89	8.61	32.480	
900.00	896.70	844.92	840.65	4.08	4.03	82.93	198.52	-227.85	296.45	287.53	8.91	33.253	
1,000.00	995.89	933.52	927.06	4.29	4.24	84.09	210.35	-243.48	316.52	307.26	9.26	34.183	
1,100.00	1,095.08	1,021.07	1,011.80	4.52	4.49	84.98	223.61	-261.02	339.59	329.96	9.63	35.248	
1,200.00	1,194.27	1,107.42	1,094.68	4.76	4.78	85.62	238.22	-280.33	365.54	355.51	10.04	36.426	
1,300.00	1,293.46	1,200.27	1,183.19	5.01	5.14	86.12	255.13	-302.70	393.59	383.08	10.52	37.428	
1,400.00	1,392.65	1,303.83	1,274.57	5.27	5.57	86.57	272.67	-325.89	421.79	410.72	11.07	38.096	
1,500.00	1,491.84	1,407.94	1,365.95	5.54	6.04	86.96	290.21	-349.08	450.00	438.35	11.65	38.615	
1,600.00	1,591.03	1,487.96	1,457.33	5.82	6.41	87.30	307.75	-372.27	478.24	466.05	12.18	39.261	
1,700.00	1,690.22	1,583.85	1,548.71	6.11	6.87	87.61	325.29	-395.46	506.48	493.70	12.78	39.634	
1,800.00	1,789.41	1,679.74	1,640.09	6.26	7.34	87.88	342.83	-418.65	534.74	521.69	13.05	40.966	
1,900.00	1,888.60	1,775.64	1,731.47	6.29	7.65	88.13	360.37	-441.84	563.01	549.71	13.30	42.328	
2,000.00	1,987.79	1,871.53	1,822.85	6.34	7.79	88.35	377.91	-465.03	591.28	578.03	13.26	44.603	
2,100.00	2,086.98	1,967.43	1,914.23	6.41	7.90	88.56	395.44	-488.22	619.57	606.19	13.38	46.297	
2,200.00	2,186.17	2,063.32	2,005.61	6.50	8.06	88.74	412.98	-511.41	647.86	634.31	13.55	47.816	
2,300.00	2,285.36	2,159.22	2,096.99	6.60	8.24	88.91	430.52	-534.60	676.16	662.40	13.75	49.158	
2,400.00	2,384.54	2,255.11	2,188.38	6.72	8.46	89.07	448.06	-557.79	704.46	690.46	14.00	50.325	
2,500.00	2,483.73	2,351.01	2,279.76	6.86	8.71	89.21	465.60	-580.98	732.76	718.49	14.28	51.324	
2,600.00	2,582.92	2,446.90	2,371.14	7.01	8.98	89.34	483.14	-604.17	761.07	746.48	14.59	52.165	
2,700.00	2,682.11	2,542.80	2,462.52	7.17	9.28	89.47	500.68	-627.36	789.39	774.45	14.93	52.859	
2,800.00	2,781.30	2,638.69	2,553.90	7.35	9.60	89.58	518.22	-650.55	817.70	802.40	15.31	53.420	
2,900.00	2,880.49	2,734.59	2,645.28	7.54	9.94	89.69	535.75	-673.74	846.02	830.32	15.71	53.860	
3,000.00	2,979.68	2,830.48	2,736.66	7.73	10.30	89.79	553.29	-696.93	874.35	858.21	16.13	54.194	
3,100.00	3,078.87	2,926.37	2,828.04	7.94	10.68	89.89	570.83	-720.12	902.67	886.09	16.58	54.434	
3,200.00	3,178.06	3,022.27	2,919.42	8.16	11.07	89.97	588.37	-743.31	931.00	913.94	17.05	54.593	
3,300.00	3,277.25	3,118.16	3,010.80	8.39	11.47	90.06	605.91	-766.50	959.32	941.78	17.54	54.683	
3,400.00	3,376.44	3,214.06	3,102.18	8.62	11.88	90.14	623.45	-789.69	987.65	969.60	18.05	54.714	
3,500.00	3,475.63	3,309.95	3,193.56	8.86	12.31	90.21	640.99	-812.88	1,015.99	997.41	18.58	54.694	
3,600.00	3,574.82	3,405.85	3,284.94	9.11	12.75	90.28	658.52	-836.07	1,044.32	1,025.20	19.12	54.633	
3,700.00	3,674.01	3,501.74	3,376.32	9.36	13.19	90.35	676.06	-859.26	1,072.65	1,052.99	19.67	54.536	
3,800.00	3,773.20	3,602.36	3,467.70	9.62	13.66	90.41	693.60	-882.45	1,100.99	1,080.74	20.25	54.369	
3,900.00	3,872.39	3,706.47	3,559.08	9.89	14.16	90.47	711.14	-905.64	1,129.33	1,108.47	20.86	54.149	
4,000.00	3,971.58	3,789.43	3,650.46	10.16	14.57	90.53	728.68	-928.83	1,157.66	1,136.26	21.40	54.093	
4,100.00	4,070.77	3,885.32	3,741.84	10.43	15.04	90.58	746.22	-952.02	1,186.00	1,164.00	22.00	53.910	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	0.00	0.00	3.28	3.28	0.50	159.94	1.39	159.95				
100.00	100.00	100.00	100.00	3.28	3.28	0.50	159.94	1.39	159.95	152.42	7.53	21.249	
200.00	200.00	200.00	200.00	3.30	3.30	0.50	159.94	1.39	159.95	152.38	7.57	21.133	
200.00	200.00	200.00	200.00	3.30	3.30	0.50	159.94	1.39	159.95	152.38	7.57	21.133	CC, ES
300.00	300.00	297.71	297.71	3.34	3.34	122.54	160.28	1.19	160.54	152.89	7.65	20.982	SF
400.00	399.93	392.97	392.91	3.40	3.41	122.87	163.01	-0.42	165.26	157.50	7.77	21.276	
500.00	499.68	487.72	487.45	3.48	3.49	123.45	168.42	-3.63	174.72	166.79	7.93	22.040	
600.00	599.13	581.65	580.91	3.59	3.60	124.21	176.44	-8.37	188.89	180.76	8.13	23.227	
700.00	698.32	674.61	673.06	3.73	3.72	125.02	186.98	-14.60	207.05	198.67	8.38	24.709	
800.00	797.51	766.66	763.86	3.90	3.87	125.31	199.93	-22.26	227.86	219.20	8.66	26.312	
900.00	896.70	857.81	853.26	4.08	4.05	125.16	215.23	-31.31	251.25	242.27	8.98	27.990	
1,000.00	995.89	954.73	948.03	4.29	4.27	124.85	232.72	-41.65	275.83	266.47	9.36	29.465	
1,100.00	1,095.08	1,051.65	1,042.79	4.52	4.53	124.59	250.20	-51.99	300.43	290.64	9.78	30.716	
1,200.00	1,194.27	1,148.57	1,137.56	4.76	4.80	124.37	267.69	-62.33	325.02	314.79	10.23	31.773	
1,300.00	1,293.46	1,245.49	1,232.33	5.01	5.09	124.18	285.18	-72.67	349.62	338.92	10.70	32.662	
1,400.00	1,392.65	1,342.41	1,327.10	5.27	5.40	124.01	302.66	-83.02	374.23	363.03	11.20	33.408	
1,500.00	1,491.84	1,439.33	1,421.86	5.54	5.71	123.87	320.15	-93.36	398.83	387.12	11.72	34.044	
1,600.00	1,591.03	1,536.25	1,516.63	5.82	6.04	123.74	337.64	-103.70	423.44	411.20	12.25	34.574	
1,700.00	1,690.22	1,633.17	1,611.40	6.11	6.38	123.63	355.13	-114.04	448.05	435.26	12.79	35.022	
1,800.00	1,789.41	1,730.10	1,706.17	6.26	6.68	123.53	372.61	-124.38	472.67	459.69	12.98	36.417	
1,900.00	1,888.60	1,827.02	1,800.93	6.29	6.83	123.44	390.10	-134.73	497.28	484.32	12.96	38.379	
2,000.00	1,987.79	1,923.94	1,895.70	6.34	6.89	123.35	407.59	-145.07	521.89	508.86	13.04	40.031	
2,100.00	2,086.98	2,020.86	1,990.47	6.41	6.97	123.28	425.08	-155.41	546.51	533.36	13.15	41.550	
2,200.00	2,186.17	2,117.78	2,085.24	6.50	7.08	123.21	442.56	-165.75	571.13	557.82	13.30	42.931	
2,300.00	2,285.36	2,214.70	2,180.00	6.60	7.21	123.14	460.05	-176.09	595.74	582.26	13.49	44.172	
2,400.00	2,384.54	2,311.62	2,274.77	6.72	7.35	123.09	477.54	-186.43	620.36	606.66	13.70	45.275	
2,500.00	2,483.73	2,408.54	2,369.54	6.86	7.52	123.03	495.02	-196.78	644.98	631.03	13.95	46.243	
2,600.00	2,582.92	2,505.46	2,464.31	7.01	7.71	122.98	512.51	-207.12	669.60	655.37	14.22	47.082	
2,700.00	2,682.11	2,602.38	2,559.07	7.17	7.91	122.94	530.00	-217.46	694.21	679.69	14.52	47.800	
2,800.00	2,781.30	2,700.70	2,653.84	7.35	8.13	122.89	547.49	-227.80	718.83	703.98	14.85	48.399	
2,900.00	2,880.49	2,803.78	2,748.61	7.54	8.37	122.85	564.97	-238.14	743.45	728.24	15.22	48.863	
3,000.00	2,979.68	2,906.86	2,843.38	7.73	8.63	122.82	582.46	-248.49	768.07	752.47	15.60	49.232	
3,100.00	3,078.87	2,990.06	2,938.14	7.94	8.85	122.78	599.95	-258.83	792.69	776.73	15.97	49.650	
3,200.00	3,178.06	3,086.99	3,032.91	8.16	9.12	122.75	617.43	-269.17	817.31	800.94	16.38	49.905	
3,300.00	3,277.25	3,183.91	3,127.68	8.39	9.39	122.72	634.92	-279.51	841.94	825.13	16.81	50.096	
3,400.00	3,376.44	3,280.83	3,222.45	8.62	9.68	122.69	652.41	-289.85	866.56	849.31	17.25	50.231	
3,500.00	3,475.63	3,377.75	3,317.21	8.86	9.97	122.66	669.90	-300.20	891.18	873.47	17.71	50.317	
3,600.00	3,574.82	3,474.67	3,411.98	9.11	10.28	122.63	687.38	-310.54	915.80	897.61	18.18	50.360	
3,700.00	3,674.01	3,571.59	3,506.75	9.36	10.58	122.61	704.87	-320.88	940.42	921.75	18.67	50.368	
3,800.00	3,773.20	3,668.51	3,601.52	9.62	10.90	122.58	722.36	-331.22	965.04	945.87	19.17	50.344	
3,900.00	3,872.39	3,765.43	3,696.28	9.89	11.22	122.56	739.84	-341.56	989.66	969.99	19.68	50.295	
4,000.00	3,971.58	3,862.35	3,791.05	10.16	11.54	122.54	757.33	-351.90	1,014.29	994.09	20.20	50.223	
4,100.00	4,070.77	3,959.27	3,885.82	10.43	11.88	122.52	774.82	-362.25	1,038.91	1,018.19	20.72	50.132	
4,200.00	4,169.95	4,056.19	3,980.59	10.71	12.21	122.50	792.31	-372.59	1,063.53	1,042.27	21.26	50.027	
4,300.00	4,269.14	4,153.11	4,075.35	10.99	12.55	122.48	809.79	-382.93	1,088.15	1,066.35	21.80	49.908	
4,400.00	4,368.33	4,250.03	4,170.12	11.28	12.89	122.46	827.28	-393.27	1,112.78	1,090.42	22.35	49.779	
4,500.00	4,467.52	4,346.95	4,264.89	11.57	13.24	122.45	844.77	-403.61	1,137.40	1,114.49	22.91	49.642	
4,600.00	4,566.71	4,443.88	4,359.66	11.86	13.59	122.43	862.25	-413.96	1,162.02	1,138.55	23.48	49.498	
4,700.00	4,665.90	4,540.80	4,454.42	12.15	13.94	122.42	879.74	-424.30	1,186.64	1,162.60	24.05	49.349	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	0.46	139.90	1.11	139.90				
100.00	100.00	100.00	100.00	3.28	3.28	0.46	139.90	1.11	139.90	132.38	7.53	18.586	
200.00	200.00	200.00	200.00	3.30	3.30	0.46	139.90	1.11	139.90	132.33	7.57	18.485 CC	
200.00	200.00	200.00	200.00	3.30	3.30	0.46	139.90	1.11	139.90	132.33	7.57	18.485 ES	
300.00	300.00	298.09	298.08	3.34	3.34	122.49	140.23	0.88	140.48	132.83	7.65	18.360 SF	
400.00	399.93	394.10	394.04	3.40	3.41	122.79	142.86	-0.98	145.08	137.31	7.77	18.675	
500.00	499.68	489.65	489.37	3.48	3.49	123.32	148.08	-4.67	154.27	146.34	7.93	19.455	
600.00	599.13	584.42	583.66	3.59	3.60	123.99	155.82	-10.14	168.04	159.90	8.14	20.652	
700.00	698.32	678.28	676.69	3.73	3.72	124.66	165.99	-17.33	185.65	177.26	8.39	22.134	
800.00	797.51	771.27	768.40	3.90	3.88	124.71	178.52	-26.18	205.80	197.12	8.67	23.728	
900.00	896.70	868.72	864.22	4.08	4.07	124.47	193.02	-36.43	227.28	218.26	9.02	25.195	
1,000.00	995.89	966.38	960.24	4.29	4.29	124.28	207.56	-46.70	248.78	239.37	9.41	26.445	
1,100.00	1,095.08	1,064.04	1,056.27	4.52	4.53	124.11	222.09	-56.97	270.27	260.45	9.83	27.504	
1,200.00	1,194.27	1,161.70	1,152.29	4.76	4.79	123.98	236.62	-67.24	291.77	281.50	10.27	28.398	
1,300.00	1,293.46	1,259.36	1,248.31	5.01	5.06	123.86	251.16	-77.52	313.27	302.52	10.75	29.150	
1,400.00	1,392.65	1,357.02	1,344.34	5.27	5.35	123.75	265.69	-87.79	334.77	323.53	11.24	29.785	
1,500.00	1,491.84	1,454.68	1,440.36	5.54	5.64	123.66	280.22	-98.06	356.27	344.52	11.75	30.319	
1,600.00	1,591.03	1,552.34	1,536.39	5.82	5.95	123.58	294.76	-108.33	377.77	365.49	12.28	30.768	
1,700.00	1,690.22	1,650.00	1,632.41	6.11	6.26	123.50	309.29	-118.60	399.27	386.45	12.82	31.148	
1,800.00	1,789.41	1,747.66	1,728.44	6.26	6.51	123.44	323.83	-128.87	420.77	407.80	12.97	32.433	
1,900.00	1,888.60	1,845.32	1,824.46	6.29	6.63	123.38	338.36	-139.14	442.28	429.35	12.92	34.219	
2,000.00	1,987.79	1,942.98	1,920.49	6.34	6.69	123.33	352.89	-149.42	463.78	450.77	13.01	35.656	
2,100.00	2,086.98	2,040.64	2,016.51	6.41	6.76	123.28	367.43	-159.69	485.28	472.16	13.12	36.977	
2,200.00	2,186.17	2,138.30	2,112.53	6.50	6.86	123.23	381.96	-169.96	506.79	493.51	13.27	38.178	
2,300.00	2,285.36	2,235.96	2,208.56	6.60	6.97	123.19	396.50	-180.23	528.29	514.84	13.46	39.257	
2,400.00	2,384.54	2,333.62	2,304.58	6.72	7.11	123.15	411.03	-190.50	549.80	536.13	13.67	40.215	
2,500.00	2,483.73	2,431.28	2,400.61	6.86	7.26	123.12	425.56	-200.77	571.30	557.39	13.91	41.057	
2,600.00	2,582.92	2,528.94	2,496.63	7.01	7.43	123.09	440.10	-211.05	592.81	578.62	14.19	41.787	
2,700.00	2,682.11	2,626.60	2,592.66	7.17	7.61	123.06	454.63	-221.32	614.31	599.83	14.48	42.412	
2,800.00	2,781.30	2,724.26	2,688.68	7.35	7.81	123.03	469.16	-231.59	635.82	621.01	14.81	42.940	
2,900.00	2,880.49	2,821.91	2,784.71	7.54	8.02	123.00	483.70	-241.86	657.32	642.17	15.15	43.380	
3,000.00	2,979.68	2,919.57	2,880.73	7.73	8.24	122.98	498.23	-252.13	678.83	663.31	15.52	43.739	
3,100.00	3,078.87	3,017.23	2,976.75	7.94	8.47	122.95	512.77	-262.40	700.33	684.43	15.91	44.026	
3,200.00	3,178.06	3,114.89	3,072.78	8.16	8.71	122.93	527.30	-272.67	721.84	705.53	16.31	44.249	
3,300.00	3,277.25	3,212.55	3,168.80	8.39	8.97	122.91	541.83	-282.95	743.35	726.61	16.74	44.416	
3,400.00	3,376.44	3,310.21	3,264.83	8.62	9.23	122.89	556.37	-293.22	764.85	747.68	17.17	44.534	
3,500.00	3,475.63	3,407.87	3,360.85	8.86	9.50	122.87	570.90	-303.49	786.36	768.73	17.63	44.609	
3,600.00	3,574.82	3,505.53	3,456.88	9.11	9.77	122.86	585.43	-313.76	807.86	789.77	18.09	44.647	
3,700.00	3,674.01	3,603.19	3,552.90	9.36	10.06	122.84	599.97	-324.03	829.37	810.80	18.57	44.653	
3,800.00	3,773.20	3,700.85	3,648.93	9.62	10.35	122.83	614.50	-334.30	850.88	831.81	19.06	44.632	
3,900.00	3,872.39	3,801.49	3,744.95	9.89	10.65	122.81	629.04	-344.57	872.38	852.81	19.57	44.570	
4,000.00	3,971.58	3,903.83	3,840.97	10.16	10.97	122.80	643.57	-354.85	893.89	873.79	20.10	44.479	
4,100.00	4,070.77	3,993.83	3,937.00	10.43	11.25	122.78	658.10	-365.12	915.40	894.80	20.60	44.445	
4,200.00	4,169.95	4,091.49	4,033.02	10.71	11.56	122.77	672.64	-375.39	936.90	915.78	21.12	44.351	
4,300.00	4,269.14	4,189.15	4,129.05	10.99	11.87	122.76	687.17	-385.66	958.41	936.75	21.66	44.246	
4,400.00	4,368.33	4,286.81	4,225.07	11.28	12.19	122.75	701.71	-395.93	979.91	957.71	22.20	44.132	
4,500.00	4,467.52	4,384.47	4,321.10	11.57	12.51	122.74	716.24	-406.20	1,001.42	978.67	22.75	44.011	
4,600.00	4,566.71	4,482.13	4,417.12	11.86	12.83	122.72	730.77	-416.48	1,022.93	999.62	23.31	43.884	
4,700.00	4,665.90	4,579.79	4,513.15	12.15	13.16	122.71	745.31	-426.75	1,044.43	1,020.56	23.87	43.752	
4,800.00	4,765.09	4,677.45	4,609.17	12.45	13.49	122.70	759.84	-437.02	1,065.94	1,041.50	24.44	43.617	
4,900.00	4,864.28	4,775.11	4,705.19	12.75	13.82	122.70	774.37	-447.29	1,087.45	1,062.44	25.01	43.479	
5,000.00	4,963.47	4,872.77	4,801.22	13.05	14.15	122.69	788.91	-457.56	1,108.95	1,083.37	25.59	43.340	
5,100.00	5,062.66	4,970.43	4,897.24	13.36	14.49	122.68	803.44	-467.83	1,130.46	1,104.29	26.17	43.199	
5,200.00	5,161.85	5,068.09	4,993.27	13.66	14.83	122.67	817.98	-478.10	1,151.97	1,125.21	26.75	43.058	
5,300.00	5,261.04	5,165.75	5,089.29	13.97	15.17	122.66	832.51	-488.38	1,173.47	1,146.13	27.34	42.918	
5,400.00	5,360.23	5,263.41	5,185.32	14.28	15.51	122.65	847.04	-498.65	1,194.98	1,167.05	27.93	42.777	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.80	20.04	0.28	20.05					
100.00	100.00	100.00	100.00	3.28	3.28	0.80	20.04	0.28	20.05	12.52	7.53	2.663		
200.00	200.00	200.00	200.00	3.30	3.30	0.80	20.04	0.28	20.05	12.48	7.57	2.649	CC	
200.02	200.02	200.02	200.02	3.30	3.30	0.80	20.04	0.28	20.05	12.48	7.57	2.649		
300.00	300.00	300.11	300.11	3.34	3.34	122.66	19.91	-0.14	20.14	12.49	7.65	2.633		
400.00	399.93	400.33	400.27	3.40	3.40	121.62	18.82	-3.47	20.90	13.14	7.76	2.692		
500.00	499.68	500.54	500.22	3.48	3.49	119.75	16.64	-10.13	22.44	14.52	7.93	2.831		
600.00	599.13	600.63	599.79	3.59	3.60	118.09	13.48	-19.80	24.86	16.72	8.14	3.053		
700.00	698.32	700.57	699.15	3.73	3.73	119.63	10.15	-30.01	28.21	19.80	8.41	3.354		
800.00	797.51	800.51	798.51	3.90	3.89	120.92	6.81	-40.22	31.59	22.87	8.72	3.621		
900.00	896.70	900.45	897.87	4.08	4.07	121.96	3.47	-50.43	34.99	25.91	9.07	3.856		
1,000.00	995.89	1,000.39	997.24	4.29	4.26	122.81	0.13	-60.64	38.39	28.93	9.46	4.059		
1,100.00	1,095.08	1,100.33	1,096.60	4.52	4.48	123.52	-3.20	-70.85	41.80	31.93	9.87	4.234		
1,200.00	1,194.27	1,200.27	1,195.96	4.76	4.70	124.13	-6.54	-81.06	45.22	34.91	10.31	4.385		
1,300.00	1,293.46	1,300.21	1,295.32	5.01	4.94	124.65	-9.88	-91.27	48.64	37.87	10.77	4.515		
1,400.00	1,392.65	1,400.15	1,394.68	5.27	5.18	125.10	-13.21	-101.48	52.06	40.81	11.25	4.627		
1,500.00	1,491.84	1,500.10	1,494.04	5.54	5.43	125.50	-16.55	-111.69	55.49	43.74	11.75	4.724		
1,600.00	1,591.03	1,600.04	1,593.41	5.82	5.70	125.85	-19.89	-121.90	58.92	46.66	12.26	4.807		
1,700.00	1,690.22	1,700.02	1,692.77	6.11	5.96	126.16	-23.23	-132.11	62.35	49.57	12.78	4.879		
1,800.00	1,789.41	1,800.08	1,792.13	6.26	6.11	126.44	-26.56	-142.32	65.78	53.11	12.68	5.190		
1,900.00	1,888.60	1,900.14	1,891.49	6.29	6.13	126.69	-29.90	-152.53	69.22	56.49	12.72	5.440		
2,000.00	1,987.79	2,000.20	1,990.85	6.34	6.18	126.92	-33.24	-162.74	72.65	59.85	12.81	5.673		
2,100.00	2,086.98	2,100.26	2,090.21	6.41	6.24	127.13	-36.57	-172.95	76.09	63.17	12.92	5.889		
2,200.00	2,186.17	2,200.32	2,189.58	6.50	6.32	127.32	-39.91	-183.16	79.53	66.46	13.07	6.086		
2,300.00	2,285.36	2,300.38	2,288.94	6.60	6.41	127.49	-43.25	-193.37	82.97	69.72	13.25	6.263		
2,400.00	2,384.54	2,400.44	2,388.30	6.72	6.52	127.65	-46.59	-203.58	86.41	72.95	13.45	6.423		
2,500.00	2,483.73	2,500.50	2,487.66	6.86	6.64	127.80	-49.92	-213.79	89.85	76.16	13.69	6.564		
2,600.00	2,582.92	2,600.56	2,587.02	7.01	6.78	127.93	-53.26	-224.00	93.29	79.34	13.95	6.687		
2,700.00	2,682.11	2,700.62	2,686.38	7.17	6.92	128.06	-56.60	-234.21	96.73	82.49	14.24	6.794		
2,800.00	2,781.30	2,800.68	2,785.75	7.35	7.08	128.18	-59.93	-244.42	100.17	85.62	14.55	6.886		
2,900.00	2,880.49	2,900.74	2,885.11	7.54	7.26	128.29	-63.27	-254.63	103.61	88.73	14.88	6.964		
3,000.00	2,979.68	3,000.80	2,984.47	7.73	7.44	128.39	-66.61	-264.84	107.05	91.82	15.23	7.029		
3,100.00	3,078.87	3,100.86	3,083.83	7.94	7.63	128.49	-69.95	-275.05	110.50	94.90	15.60	7.083		
3,200.00	3,178.06	3,200.92	3,183.19	8.16	7.83	128.58	-73.28	-285.26	113.94	97.95	15.99	7.126		
3,300.00	3,277.25	3,300.98	3,282.55	8.39	8.04	128.67	-76.62	-295.47	117.38	100.99	16.39	7.160		
3,400.00	3,376.44	3,401.03	3,381.92	8.62	8.25	128.75	-79.96	-305.68	120.83	104.01	16.81	7.186		
3,500.00	3,475.63	3,501.09	3,481.28	8.86	8.48	128.82	-83.29	-315.89	124.27	107.02	17.25	7.205		
3,600.00	3,574.82	3,601.15	3,580.64	9.11	8.71	128.90	-86.63	-326.10	127.71	110.02	17.69	7.218		
3,700.00	3,674.01	3,698.79	3,680.00	9.36	8.94	128.96	-89.97	-336.31	131.16	113.01	18.15	7.228		
3,800.00	3,773.20	3,801.27	3,779.36	9.62	9.18	129.03	-93.31	-346.52	134.60	115.98	18.62	7.229		
3,900.00	3,872.39	3,901.33	3,878.72	9.89	9.43	129.09	-96.64	-356.73	138.04	118.95	19.10	7.228		
4,000.00	3,971.58	3,998.61	3,978.09	10.16	9.67	129.15	-99.98	-366.94	141.49	121.91	19.58	7.226		
4,100.00	4,070.77	4,101.45	4,077.45	10.43	9.93	129.21	-103.32	-377.15	144.93	124.85	20.08	7.217		
4,200.00	4,169.95	4,201.51	4,176.81	10.71	10.19	129.26	-106.65	-387.36	148.38	127.79	20.59	7.207		
4,300.00	4,269.14	4,301.57	4,276.17	10.99	10.46	129.31	-109.99	-397.57	151.82	130.72	21.10	7.196		
4,400.00	4,368.33	4,401.63	4,375.53	11.28	10.72	129.36	-113.33	-407.78	155.27	133.65	21.62	7.182		
4,500.00	4,467.52	4,501.69	4,474.89	11.57	10.99	129.41	-116.67	-417.99	158.71	136.57	22.14	7.167		
4,600.00	4,566.71	4,601.75	4,574.26	11.86	11.26	129.45	-120.00	-428.20	162.16	139.48	22.67	7.152		
4,700.00	4,665.90	4,701.81	4,673.62	12.15	11.54	129.49	-123.34	-438.41	165.60	142.39	23.21	7.135		
4,800.00	4,765.09	4,801.87	4,772.98	12.45	11.82	129.53	-126.68	-448.62	169.05	145.30	23.75	7.117		
4,900.00	4,864.28	4,901.93	4,872.34	12.75	12.10	129.57	-130.01	-458.83	172.49	148.20	24.30	7.099		
5,000.00	4,963.47	5,001.99	4,971.70	13.05	12.38	129.61	-133.35	-469.04	175.94	151.09	24.85	7.080		
5,100.00	5,062.66	5,102.04	5,071.06	13.36	12.67	129.65	-136.69	-479.25	179.39	153.98	25.40	7.061		
5,200.00	5,161.85	5,197.90	5,170.43	13.66	12.94	129.68	-140.03	-489.46	182.83	156.88	25.95	7.045		
5,300.00	5,261.04	5,302.16	5,269.79	13.97	13.24	129.72	-143.36	-499.67	186.28	159.75	26.53	7.023		
5,400.00	5,360.23	5,402.22	5,369.15	14.28	13.53	129.75	-146.70	-509.88	189.72	162.63	27.09	7.003		
5,500.00	5,459.42	5,502.28	5,468.51	14.59	13.82	129.78	-150.04	-520.09	193.17	165.51	27.66	6.984		
5,600.00	5,558.61	5,602.34	5,567.87	14.91	14.11	129.81	-153.37	-530.30	196.61	168.38	28.23	6.964		
5,700.00	5,657.80	5,702.40	5,667.23	15.22	14.41	129.84	-156.71	-540.51	200.06	171.25	28.81	6.945		
5,800.00	5,756.99	5,802.46	5,766.60	15.53	14.71	129.87	-160.05	-550.72	203.51	174.12	29.38	6.926		
5,900.00	5,856.18	5,902.52	5,865.96	15.85	15.00	129.89	-163.39	-560.93	206.95	176.99	29.96	6.907		
6,000.00	5,955.36	5,997.42	5,965.32	16.17	15.29	129.92	-166.72	-571.14	210.40	179.87	30.53	6.892		
6,100.00	6,054.55	6,102.64	6,064.68	16.49	15.60	129.95	-170.06	-581.35	213.84	182.72	31.13	6.870		
6,200.00	6,153.74	6,202.70	6,164.04	16.81	15.90	129.97	-173.40	-591.56	217.29	185.58	31.71	6.852		
6,300.00	6,252.93	6,302.76	6,263.40	17.13	16.20	129.99	-176.73	-601.77	220.74	188.43	32.30	6.834		
6,400.00	6,351.34	6,403.07	6,362.52	17.48	16.50	115.11	-180.06	-611.95	224.96	192.13	32.83	6.853		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,446.12	6,494.54	6,459.55	17.95	16.78	113.22	-183.32	-621.92	232.52	199.38	33.15	7.015	
6,600.00	6,534.91	6,587.65	6,552.13	18.55	17.06	116.88	-186.43	-631.43	246.88	213.58	33.30	7.414	
6,700.00	6,615.53	6,689.44	6,652.82	19.31	17.40	123.19	-189.83	-645.53	270.88	237.43	33.46	8.097	
6,800.00	6,685.98	6,809.13	6,766.76	20.26	17.95	129.58	-193.77	-681.36	299.68	265.82	33.85	8.852	
6,900.00	6,744.53	6,944.21	6,884.70	21.45	18.81	135.03	-197.98	-746.56	329.53	295.11	34.41	9.576	
7,000.00	6,789.75	7,097.63	6,998.55	22.91	20.19	139.40	-202.22	-848.76	356.86	321.71	35.15	10.152	
7,100.00	6,820.51	7,270.34	7,093.32	24.63	22.44	142.53	-206.02	-992.46	378.01	341.58	36.43	10.378	
7,200.00	6,836.06	7,458.73	7,148.70	26.56	25.75	144.19	-208.68	-1,171.79	389.59	350.77	38.81	10.037	
7,300.00	6,838.04	7,606.13	7,155.92	28.64	28.80	144.40	-209.60	-1,318.82	390.93	349.14	41.80	9.354	
7,400.00	6,838.13	7,706.13	7,155.77	30.86	31.03	144.39	-210.06	-1,418.82	390.70	346.35	44.35	8.809	
7,500.00	6,838.21	7,806.13	7,155.62	33.21	33.38	144.38	-210.52	-1,518.82	390.46	343.39	47.07	8.296	
7,600.00	6,838.29	7,906.13	7,155.47	35.65	35.82	144.37	-210.98	-1,618.81	390.23	340.30	49.92	7.817	
7,700.00	6,838.37	8,006.13	7,155.31	38.16	38.34	144.36	-211.43	-1,718.81	389.99	337.10	52.89	7.374	
7,800.00	6,838.45	8,106.13	7,155.16	40.74	40.91	144.35	-211.89	-1,818.81	389.76	333.81	55.95	6.966	
7,900.00	6,838.53	8,206.13	7,155.01	43.37	43.54	144.34	-212.35	-1,918.81	389.52	330.43	59.09	6.592	
8,000.00	6,838.61	8,306.13	7,154.86	46.04	46.20	144.33	-212.81	-2,018.81	389.29	326.98	62.30	6.248	
8,100.00	6,838.70	8,406.13	7,154.70	48.74	48.90	144.32	-213.26	-2,118.81	389.05	323.48	65.58	5.933	
8,200.00	6,838.78	8,506.13	7,154.55	51.48	51.63	144.31	-213.72	-2,218.81	388.82	319.92	68.90	5.643	
8,300.00	6,838.86	8,606.13	7,154.40	54.23	54.39	144.29	-214.18	-2,318.80	388.58	316.32	72.26	5.377	
8,400.00	6,838.94	8,706.13	7,154.24	57.01	57.16	144.28	-214.64	-2,418.80	388.35	312.68	75.67	5.132	
8,500.00	6,839.02	8,806.13	7,154.09	59.81	59.95	144.27	-215.09	-2,518.80	388.11	309.01	79.10	4.907	
8,600.00	6,839.10	8,906.13	7,153.94	62.62	62.76	144.26	-215.55	-2,618.80	387.88	305.31	82.57	4.698	
8,700.00	6,839.18	9,006.13	7,153.79	65.44	65.59	144.25	-216.01	-2,718.80	387.64	301.58	86.06	4.504	
8,800.00	6,839.27	9,106.13	7,153.63	68.28	68.42	144.24	-216.47	-2,818.80	387.41	297.83	89.58	4.325	
8,900.00	6,839.35	9,206.13	7,153.48	71.13	71.26	144.23	-216.92	-2,918.80	387.17	294.06	93.11	4.158	
9,000.00	6,839.43	9,306.13	7,153.33	73.99	74.12	144.22	-217.38	-3,018.79	386.94	290.27	96.67	4.003	
9,100.00	6,839.51	9,406.13	7,153.18	76.85	76.98	144.21	-217.84	-3,118.79	386.70	286.46	100.24	3.858	
9,200.00	6,839.59	9,506.13	7,153.02	79.72	79.85	144.20	-218.30	-3,218.79	386.47	282.64	103.83	3.722	
9,300.00	6,839.67	9,606.12	7,152.87	82.60	82.73	144.18	-218.75	-3,318.79	386.23	278.80	107.43	3.595	
9,400.00	6,839.75	9,706.12	7,152.72	85.48	85.61	144.17	-219.21	-3,418.79	386.00	274.96	111.04	3.476	
9,500.00	6,839.83	9,806.12	7,152.56	88.37	88.49	144.16	-219.67	-3,518.79	385.76	271.10	114.67	3.364	
9,600.00	6,839.92	9,906.12	7,152.41	91.27	91.39	144.15	-220.13	-3,618.79	385.53	267.22	118.30	3.259	
9,700.00	6,840.00	10,006.12	7,152.26	94.16	94.28	144.14	-220.58	-3,718.78	385.29	263.34	121.95	3.159	
9,800.00	6,840.08	10,106.12	7,152.11	97.07	97.18	144.13	-221.04	-3,818.78	385.06	259.45	125.60	3.066	
9,900.00	6,840.16	10,206.12	7,151.95	99.97	100.09	144.12	-221.50	-3,918.78	384.82	255.56	129.27	2.977	
10,000.00	6,840.24	10,306.12	7,151.80	102.88	102.99	144.11	-221.96	-4,018.78	384.59	251.65	132.94	2.893	
10,100.00	6,840.32	10,406.12	7,151.65	105.79	105.90	144.10	-222.41	-4,118.78	384.35	247.73	136.62	2.813	
10,200.00	6,840.40	10,506.12	7,151.50	108.71	108.82	144.08	-222.87	-4,218.78	384.12	243.81	140.31	2.738	
10,300.00	6,840.49	10,606.12	7,151.34	111.63	111.73	144.07	-223.33	-4,318.77	383.88	239.89	144.00	2.666	
10,400.00	6,840.57	10,706.12	7,151.19	114.54	114.65	144.06	-223.79	-4,418.77	383.65	235.95	147.70	2.598	
10,500.00	6,840.65	10,806.12	7,151.04	117.47	117.57	144.05	-224.25	-4,518.77	383.42	232.01	151.40	2.532	
10,600.00	6,840.73	10,906.12	7,150.88	120.39	120.49	144.04	-224.70	-4,618.77	383.18	228.07	155.11	2.470	
10,700.00	6,840.81	11,006.12	7,150.73	123.32	123.42	144.03	-225.16	-4,718.77	382.95	224.12	158.83	2.411	
10,800.00	6,840.89	11,106.12	7,150.58	126.24	126.34	144.02	-225.62	-4,818.77	382.71	220.16	162.55	2.354	
10,900.00	6,840.97	11,206.12	7,150.43	129.17	129.27	144.01	-226.08	-4,918.77	382.48	216.20	166.28	2.300	
11,000.00	6,841.06	11,306.12	7,150.27	132.10	132.20	143.99	-226.53	-5,018.76	382.24	212.24	170.01	2.248	
11,100.00	6,841.14	11,406.12	7,150.12	135.03	135.13	143.98	-226.99	-5,118.76	382.01	208.27	173.74	2.199	
11,200.00	6,841.22	11,506.12	7,149.97	137.97	138.06	143.97	-227.45	-5,218.76	381.77	204.29	177.48	2.151	
11,300.00	6,841.30	11,606.12	7,149.82	140.90	140.99	143.96	-227.91	-5,318.76	381.54	200.31	181.22	2.105	
11,400.00	6,841.38	11,706.12	7,149.66	143.84	143.93	143.95	-228.36	-5,418.76	381.30	196.33	184.97	2.061	
11,500.00	6,841.46	11,806.12	7,149.51	146.77	146.86	143.94	-228.82	-5,518.76	381.07	192.35	188.72	2.019	
11,600.00	6,841.54	11,906.12	7,149.36	149.71	149.80	143.93	-229.28	-5,618.76	380.84	188.36	192.48	1.979	
11,700.00	6,841.63	12,006.12	7,149.21	152.65	152.74	143.91	-229.74	-5,718.75	380.60	184.36	196.24	1.939	
11,800.00	6,841.71	12,106.12	7,149.05	155.59	155.68	143.90	-230.19	-5,818.75	380.37	180.37	200.00	1.902	
11,900.00	6,841.79	12,206.12	7,148.90	158.53	158.61	143.89	-230.65	-5,918.75	380.13	176.37	203.76	1.866	
12,000.00	6,841.87	12,306.12	7,148.75	161.47	161.56	143.88	-231.11	-6,018.75	379.90	172.36	207.53	1.831	
12,100.00	6,841.95	12,406.12	7,148.59	164.41	164.50	143.87	-231.57	-6,118.75	379.66	168.36	211.30	1.797	
12,200.00	6,842.03	12,506.12	7,148.44	167.35	167.44	143.86	-232.02	-6,218.75	379.43	164.35	215.08	1.764	
12,300.00	6,842.11	12,606.12	7,148.29	170.30	170.38	143.85	-232.48	-6,318.75	379.19	160.34	218.86	1.733	
12,400.00	6,842.20	12,706.12	7,148.14	173.24	173.32	143.83	-232.94	-6,418.74	378.96	156.32	222.64	1.702	
12,500.00	6,842.28	12,806.12	7,147.98	176.18	176.27	143.82	-233.40	-6,518.74	378.73	152.30	226.42	1.673	
12,600.00	6,842.36	12,906.11	7,147.83	179.13	179.21	143.81	-233.85	-6,618.74	378.49	148.28	230.21	1.644	
12,700.00	6,842.44	13,006.11	7,147.68	182.07	182.16	143.80	-234.31	-6,718.74	378.26	144.26	234.00	1.616	
12,800.00	6,842.52	13,106.11	7,147.53	185.02	185.10	143.79	-234.77	-6,818.74	378.02	140.23	237.79	1.590	
12,900.00	6,842.60	13,206.11	7,147.37	187.97	188.05	143.78	-235.23	-6,918.74	377.79	136.20	241.59	1.564	
13,000.00	6,842.68	13,306.11	7,147.22	190.91	190.99	143.77	-235.68	-7,018.74	377.55	132.17	245.38	1.539	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
13,100.00	6,842.77	13,406.11	7,147.07	193.86	193.94	143.75	-236.14	-7,118.73	377.32	128.13	249.18	1.514	
13,200.00	6,842.85	13,506.11	7,146.91	196.81	196.89	143.74	-236.60	-7,218.73	377.09	124.10	252.99	1.491 Level 3	
13,300.00	6,842.93	13,606.11	7,146.76	199.76	199.83	143.73	-237.06	-7,318.73	376.85	120.06	256.79	1.468 Level 3	
13,400.00	6,843.01	13,706.11	7,146.61	202.71	202.78	143.72	-237.51	-7,418.73	376.62	116.01	260.60	1.445 Level 3	
13,500.00	6,843.09	13,806.11	7,146.46	205.66	205.73	143.71	-237.97	-7,518.73	376.38	111.97	264.41	1.423 Level 3	
13,600.00	6,843.17	13,906.11	7,146.30	208.61	208.68	143.70	-238.43	-7,618.73	376.15	107.92	268.23	1.402 Level 3	
13,700.00	6,843.25	14,006.11	7,146.15	211.56	211.63	143.68	-238.89	-7,718.72	375.91	103.87	272.04	1.382 Level 3	
13,800.00	6,843.33	14,106.11	7,146.00	214.51	214.58	143.67	-239.34	-7,818.72	375.68	99.82	275.86	1.362 Level 3	
13,900.00	6,843.42	14,206.11	7,145.85	217.46	217.53	143.66	-239.80	-7,918.72	375.45	95.77	279.68	1.342 Level 3	
14,000.00	6,843.50	14,306.11	7,145.69	220.41	220.48	143.65	-240.26	-8,018.72	375.21	91.71	283.50	1.323 Level 3	
14,100.00	6,843.58	14,406.11	7,145.54	223.36	223.43	143.64	-240.72	-8,118.72	374.98	87.65	287.33	1.305 Level 3	
14,200.00	6,843.66	14,506.11	7,145.39	226.31	226.38	143.63	-241.18	-8,218.72	374.74	83.59	291.15	1.287 Level 3	
14,300.00	6,843.74	14,606.11	7,145.24	229.26	229.33	143.61	-241.63	-8,318.72	374.51	79.53	294.98	1.270 Level 3	
14,400.00	6,843.82	14,706.11	7,145.08	232.21	232.28	143.60	-242.09	-8,418.71	374.28	75.46	298.82	1.253 Level 3	
14,500.00	6,843.90	14,806.11	7,144.93	235.17	235.23	143.59	-242.55	-8,518.71	374.04	71.39	302.65	1.236 Level 2	
14,600.00	6,843.99	14,906.11	7,144.78	238.12	238.19	143.58	-243.01	-8,618.71	373.81	67.32	306.49	1.220 Level 2	
14,700.00	6,844.07	15,006.11	7,144.62	241.07	241.14	143.57	-243.46	-8,718.71	373.57	63.25	310.32	1.204 Level 2	
14,800.00	6,844.15	15,106.11	7,144.47	244.02	244.09	143.55	-243.92	-8,818.71	373.34	59.17	314.16	1.188 Level 2	
14,900.00	6,844.23	15,206.11	7,144.32	246.98	247.04	143.54	-244.38	-8,918.71	373.11	55.10	318.01	1.173 Level 2	
15,000.00	6,844.31	15,306.11	7,144.17	249.93	250.00	143.53	-244.84	-9,018.71	372.87	51.02	321.85	1.159 Level 2	
15,100.00	6,844.39	15,406.11	7,144.01	252.88	252.95	143.52	-245.29	-9,118.70	372.64	46.94	325.70	1.144 Level 2	
15,200.00	6,844.47	15,506.11	7,143.86	255.84	255.90	143.51	-245.75	-9,218.70	372.40	42.85	329.55	1.130 Level 2	
15,300.00	6,844.56	15,606.11	7,143.71	258.79	258.86	143.50	-246.21	-9,318.70	372.17	38.77	333.40	1.116 Level 2	
15,400.00	6,844.64	15,706.11	7,143.56	261.75	261.81	143.48	-246.67	-9,418.70	371.94	34.68	337.25	1.103 Level 2	
15,500.00	6,844.72	15,806.11	7,143.40	264.70	264.76	143.47	-247.12	-9,518.70	371.70	30.59	341.11	1.090 Level 2	
15,600.00	6,844.80	15,906.11	7,143.25	267.66	267.72	143.46	-247.58	-9,618.70	371.47	26.50	344.97	1.077 Level 2	
15,700.00	6,844.88	16,006.11	7,143.10	270.61	270.67	143.45	-248.04	-9,718.70	371.23	22.41	348.83	1.064 Level 2	
15,800.00	6,844.96	16,106.11	7,142.94	273.56	273.63	143.44	-248.50	-9,818.69	371.00	18.31	352.69	1.052 Level 2	
15,900.00	6,845.04	16,206.10	7,142.79	276.52	276.58	143.42	-248.95	-9,918.69	370.77	14.21	356.55	1.040 Level 2	
16,000.00	6,845.13	16,306.10	7,142.64	279.48	279.54	143.41	-249.41	-10,018.69	370.53	10.11	360.42	1.028 Level 2	
16,100.00	6,845.21	16,406.10	7,142.49	282.43	282.49	143.40	-249.87	-10,118.69	370.30	6.01	364.29	1.016 Level 2	
16,200.00	6,845.29	16,506.10	7,142.33	285.39	285.45	143.39	-250.33	-10,218.69	370.06	1.90	368.16	1.005 Level 2	
16,300.00	6,845.37	16,606.10	7,142.18	288.34	288.40	143.38	-250.78	-10,318.69	369.83	-2.20	372.03	0.994 Level 1	
16,400.00	6,845.45	16,706.10	7,142.03	291.30	291.36	143.36	-251.24	-10,418.69	369.60	-6.31	375.91	0.983 Level 1	
16,500.00	6,845.53	16,806.10	7,141.88	294.25	294.31	143.35	-251.70	-10,518.68	369.36	-10.42	379.78	0.973 Level 1	
16,600.00	6,845.61	16,906.10	7,141.72	297.21	297.27	143.34	-252.16	-10,618.68	369.13	-14.53	383.66	0.962 Level 1	
16,700.00	6,845.70	17,006.10	7,141.57	300.17	300.22	143.33	-252.61	-10,718.68	368.90	-18.65	387.54	0.952 Level 1	
16,800.00	6,845.78	17,106.10	7,141.42	303.12	303.18	143.31	-253.07	-10,818.68	368.66	-22.76	391.43	0.942 Level 1	
16,900.00	6,845.86	17,206.10	7,141.26	306.08	306.13	143.30	-253.53	-10,918.68	368.43	-26.88	395.31	0.932 Level 1	
17,000.00	6,845.94	17,306.10	7,141.11	309.03	309.09	143.29	-253.99	-11,018.68	368.20	-31.00	399.20	0.922 Level 1	
17,074.59	6,846.00	17,380.69	7,141.00	311.24	311.30	143.28	-254.33	-11,093.26	368.02	-34.08	402.10	0.915 Level 1, ES, SF	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	0.40	40.08	0.28	40.08				
100.00	100.00	100.00	100.00	3.28	3.28	0.40	40.08	0.28	40.08	32.55	7.53	5.325	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.08	0.28	40.08	32.51	7.57	5.296	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.08	0.28	40.08	32.51	7.57	5.296	CC
300.00	300.00	300.03	300.03	3.34	3.34	122.30	40.07	-0.16	40.30	32.65	7.65	5.267	
400.00	399.93	400.06	399.99	3.40	3.41	121.53	39.94	-3.65	42.03	34.26	7.77	5.410	
500.00	499.68	500.02	499.70	3.48	3.49	120.18	39.70	-10.62	45.50	37.56	7.93	5.735	
600.00	599.13	600.13	599.05	3.59	3.60	118.93	39.35	-20.66	50.73	42.58	8.15	6.222	
700.00	698.32	700.33	698.29	3.73	3.74	119.47	38.98	-31.17	57.06	48.63	8.42	6.773	
800.00	797.51	800.53	797.53	3.90	3.89	119.94	38.62	-41.68	63.41	54.67	8.74	7.255	
900.00	896.70	900.74	896.77	4.08	4.07	120.33	38.25	-52.19	69.77	60.67	9.09	7.671	
1,000.00	995.89	1,000.94	996.01	4.29	4.27	120.66	37.88	-62.71	76.13	66.64	9.48	8.027	
1,100.00	1,095.08	1,101.14	1,095.25	4.52	4.48	120.93	37.51	-73.22	82.49	72.58	9.90	8.329	
1,200.00	1,194.27	1,201.34	1,194.49	4.76	4.70	121.16	37.15	-83.73	88.85	78.50	10.35	8.585	
1,300.00	1,293.46	1,301.55	1,293.74	5.01	4.93	121.37	36.78	-94.24	95.21	84.39	10.82	8.802	
1,400.00	1,392.65	1,401.75	1,392.98	5.27	5.17	121.55	36.41	-104.75	101.58	90.27	11.31	8.985	
1,500.00	1,491.84	1,501.95	1,492.22	5.54	5.42	121.70	36.05	-115.26	107.94	96.13	11.81	9.140	
1,600.00	1,591.03	1,602.16	1,591.46	5.82	5.68	121.84	35.68	-125.78	114.31	101.98	12.33	9.272	
1,700.00	1,690.22	1,702.36	1,690.70	6.11	5.94	121.97	35.31	-136.29	120.68	107.82	12.86	9.386	
1,800.00	1,789.41	1,802.56	1,789.94	6.26	6.08	122.08	34.94	-146.80	127.04	114.29	12.76	9.958	
1,900.00	1,888.60	1,902.77	1,889.18	6.29	6.11	122.18	34.58	-157.31	133.41	120.60	12.81	10.413	
2,000.00	1,987.79	2,002.97	1,988.42	6.34	6.15	122.27	34.21	-167.82	139.78	126.88	12.90	10.836	
2,100.00	2,086.98	2,103.17	2,087.66	6.41	6.21	122.36	33.84	-178.33	146.15	133.13	13.02	11.224	
2,200.00	2,186.17	2,203.38	2,186.90	6.50	6.29	122.43	33.48	-188.85	152.52	139.34	13.17	11.577	
2,300.00	2,285.36	2,303.58	2,286.14	6.60	6.38	122.51	33.11	-199.36	158.89	145.53	13.36	11.893	
2,400.00	2,384.54	2,403.78	2,385.39	6.72	6.49	122.57	32.74	-209.87	165.26	151.68	13.57	12.175	
2,500.00	2,483.73	2,503.99	2,484.63	6.86	6.61	122.63	32.38	-220.38	171.62	157.81	13.82	12.422	
2,600.00	2,582.92	2,604.19	2,583.87	7.01	6.74	122.69	32.01	-230.89	177.99	163.91	14.09	12.636	
2,700.00	2,682.11	2,704.39	2,683.11	7.17	6.89	122.74	31.64	-241.41	184.36	169.98	14.38	12.820	
2,800.00	2,781.30	2,804.60	2,782.35	7.35	7.04	122.79	31.27	-251.92	190.73	176.03	14.70	12.976	
2,900.00	2,880.49	2,904.80	2,881.59	7.54	7.21	122.84	30.91	-262.43	197.10	182.06	15.04	13.106	
3,000.00	2,979.68	3,005.00	2,980.83	7.73	7.39	122.88	30.54	-272.94	203.47	188.07	15.40	13.212	
3,100.00	3,078.87	3,105.21	3,080.07	7.94	7.58	122.92	30.17	-283.45	209.84	194.06	15.78	13.297	
3,200.00	3,178.06	3,205.41	3,179.31	8.16	7.78	122.96	29.81	-293.96	216.22	200.04	16.18	13.364	
3,300.00	3,277.25	3,305.61	3,278.55	8.39	7.98	122.99	29.44	-304.48	222.59	205.99	16.59	13.415	
3,400.00	3,376.44	3,405.82	3,377.80	8.62	8.19	123.03	29.07	-314.99	228.96	211.93	17.02	13.451	
3,500.00	3,475.63	3,506.02	3,477.04	8.86	8.41	123.06	28.70	-325.50	235.33	217.86	17.46	13.474	
3,600.00	3,574.82	3,606.22	3,576.28	9.11	8.64	123.09	28.34	-336.01	241.70	223.78	17.92	13.487	
3,700.00	3,674.01	3,706.43	3,675.52	9.36	8.87	123.12	27.97	-346.52	248.07	229.68	18.39	13.490	
3,800.00	3,773.20	3,806.63	3,774.76	9.62	9.11	123.14	27.60	-357.04	254.44	235.57	18.87	13.486	
3,900.00	3,872.39	3,906.83	3,874.00	9.89	9.35	123.17	27.24	-367.55	260.81	241.45	19.36	13.474	
4,000.00	3,971.58	4,007.04	3,973.24	10.16	9.60	123.19	26.87	-378.06	267.18	247.33	19.85	13.457	
4,100.00	4,070.77	4,107.24	4,072.48	10.43	9.85	123.22	26.50	-388.57	273.55	253.19	20.36	13.435	
4,200.00	4,169.95	4,207.44	4,171.72	10.71	10.11	123.24	26.13	-399.08	279.92	259.05	20.88	13.408	
4,300.00	4,269.14	4,307.64	4,270.96	10.99	10.36	123.26	25.77	-409.59	286.29	264.90	21.40	13.379	
4,400.00	4,368.33	4,407.85	4,370.20	11.28	10.63	123.28	25.40	-420.11	292.67	270.74	21.93	13.346	
4,500.00	4,467.52	4,508.05	4,469.45	11.57	10.89	123.30	25.03	-430.62	299.04	276.57	22.46	13.312	
4,600.00	4,566.71	4,608.25	4,568.69	11.86	11.16	123.32	24.67	-441.13	305.41	282.40	23.01	13.275	
4,700.00	4,665.90	4,708.46	4,667.93	12.15	11.43	123.34	24.30	-451.64	311.78	288.23	23.55	13.237	
4,800.00	4,765.09	4,808.66	4,767.17	12.45	11.71	123.36	23.93	-462.15	318.15	294.05	24.11	13.198	
4,900.00	4,864.28	4,908.86	4,866.41	12.75	11.98	123.37	23.57	-472.67	324.52	299.86	24.66	13.159	
5,000.00	4,963.47	5,009.07	4,965.65	13.05	12.26	123.39	23.20	-483.18	330.89	305.67	25.22	13.119	
5,100.00	5,062.66	5,109.27	5,064.89	13.36	12.54	123.40	22.83	-493.69	337.26	311.48	25.79	13.078	
5,200.00	5,161.85	5,209.47	5,164.13	13.66	12.83	123.42	22.46	-504.20	343.64	317.28	26.36	13.037	
5,300.00	5,261.04	5,309.68	5,263.37	13.97	13.11	123.43	22.10	-514.71	350.01	323.08	26.93	12.996	
5,400.00	5,360.23	5,409.88	5,362.61	14.28	13.40	123.45	21.73	-525.22	356.38	328.87	27.51	12.956	
5,500.00	5,459.42	5,489.92	5,461.86	14.59	13.63	123.46	21.36	-535.74	362.75	334.72	28.03	12.942	
5,600.00	5,558.61	5,589.71	5,561.10	14.91	13.91	123.47	21.00	-546.25	369.12	340.51	28.61	12.902	
5,700.00	5,657.80	5,689.51	5,660.34	15.22	14.20	123.49	20.63	-556.76	375.49	346.30	29.19	12.862	
5,800.00	5,756.99	5,789.31	5,759.58	15.53	14.49	123.50	20.26	-567.27	381.86	352.08	29.78	12.823	
5,900.00	5,856.18	5,889.10	5,858.82	15.85	14.79	123.51	19.89	-577.78	388.24	357.87	30.37	12.784	
6,000.00	5,955.36	5,988.90	5,958.06	16.17	15.08	123.52	19.53	-588.30	394.61	363.65	30.96	12.745	
6,100.00	6,054.55	6,088.70	6,057.30	16.49	15.37	123.53	19.16	-598.81	400.98	369.42	31.55	12.707	
6,200.00	6,153.74	6,188.49	6,156.54	16.81	15.67	123.54	18.79	-609.32	407.35	375.20	32.15	12.670	
6,300.00	6,252.93	6,288.29	6,255.78	17.13	15.96	123.55	18.43	-619.83	413.72	380.97	32.75	12.634	
6,400.00	6,351.34	6,387.85	6,354.79	17.48	16.26	107.89	18.06	-630.32	420.25	386.91	33.34	12.605	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (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	6,446.12	6,489.24	6,455.19	17.95	16.59	103.53	17.67	-644.04	427.52	393.53	33.99	12.578	
6,600.00	6,534.91	6,595.30	6,556.79	18.55	17.06	102.72	17.18	-674.03	435.14	400.23	34.91	12.466	
6,700.00	6,615.53	6,704.96	6,655.10	19.31	17.72	102.97	16.60	-722.30	442.73	406.55	36.18	12.238	
6,800.00	6,685.98	6,818.24	6,746.41	20.26	18.64	103.57	15.93	-789.09	449.89	411.98	37.90	11.869	
6,900.00	6,744.53	6,934.97	6,826.60	21.45	19.87	104.26	15.20	-873.69	456.20	415.99	40.21	11.345	
7,000.00	6,789.75	7,054.74	6,891.42	22.91	21.50	104.87	14.41	-974.19	461.28	418.06	43.22	10.674	
7,100.00	6,820.51	7,176.88	6,936.98	24.63	23.59	105.31	13.62	-1,087.32	464.77	417.79	46.98	9.894	
7,200.00	6,836.06	7,300.50	6,960.26	26.56	26.02	105.52	12.85	-1,208.52	466.42	415.06	51.36	9.082	
7,300.00	6,838.04	7,412.12	6,962.93	28.64	28.41	105.53	12.19	-1,320.05	466.38	410.57	55.82	8.356	
7,400.00	6,838.13	7,512.12	6,962.80	30.86	30.69	105.51	11.62	-1,420.05	466.14	405.93	60.21	7.742	
7,500.00	6,838.21	7,612.12	6,962.67	33.21	33.08	105.49	11.04	-1,520.05	465.89	401.08	64.81	7.188	
7,600.00	6,838.29	7,712.12	6,962.53	35.65	35.55	105.48	10.46	-1,620.05	465.64	396.06	69.59	6.692	
7,700.00	6,838.37	7,812.12	6,962.40	38.16	38.09	105.46	9.88	-1,720.05	465.39	390.90	74.50	6.247	
7,800.00	6,838.45	7,912.12	6,962.27	40.74	40.69	105.44	9.30	-1,820.04	465.15	385.63	79.52	5.850	
7,900.00	6,838.53	8,012.12	6,962.14	43.37	43.34	105.42	8.73	-1,920.04	464.90	380.27	84.63	5.493	
8,000.00	6,838.61	8,112.12	6,962.00	46.04	46.02	105.40	8.15	-2,020.04	464.65	374.83	89.82	5.173	
8,100.00	6,838.70	8,212.12	6,961.87	48.74	48.74	105.38	7.57	-2,120.04	464.41	369.33	95.07	4.885	
8,200.00	6,838.78	8,312.12	6,961.74	51.48	51.48	105.36	6.99	-2,220.04	464.16	363.78	100.38	4.624	
8,300.00	6,838.86	8,412.12	6,961.61	54.23	54.25	105.34	6.41	-2,320.03	463.91	358.18	105.73	4.388	
8,400.00	6,838.94	8,512.12	6,961.47	57.01	57.04	105.32	5.84	-2,420.03	463.67	352.54	111.13	4.172	
8,500.00	6,839.02	8,612.12	6,961.34	59.81	59.84	105.30	5.26	-2,520.03	463.42	346.87	116.55	3.976	
8,600.00	6,839.10	8,712.12	6,961.21	62.62	62.66	105.29	4.68	-2,620.03	463.17	341.16	122.01	3.796	
8,700.00	6,839.18	8,812.12	6,961.08	65.44	65.49	105.27	4.10	-2,720.02	462.93	335.44	127.49	3.631	
8,800.00	6,839.27	8,912.12	6,960.95	68.28	68.33	105.25	3.52	-2,820.02	462.68	329.69	132.99	3.479	
8,900.00	6,839.35	9,012.12	6,960.81	71.13	71.18	105.23	2.95	-2,920.02	462.43	323.91	138.52	3.338	
9,000.00	6,839.43	9,112.12	6,960.68	73.99	74.04	105.21	2.37	-3,020.02	462.19	318.13	144.06	3.208	
9,100.00	6,839.51	9,212.12	6,960.55	76.85	76.91	105.19	1.79	-3,120.02	461.94	312.32	149.62	3.087	
9,200.00	6,839.59	9,312.11	6,960.42	79.72	79.79	105.17	1.21	-3,220.01	461.69	306.50	155.19	2.975	
9,300.00	6,839.67	9,412.11	6,960.28	82.60	82.67	105.15	0.63	-3,320.01	461.45	300.67	160.78	2.870	
9,400.00	6,839.75	9,512.11	6,960.15	85.48	85.55	105.13	0.06	-3,420.01	461.20	294.83	166.38	2.772	
9,500.00	6,839.83	9,612.11	6,960.02	88.37	88.44	105.11	-0.52	-3,520.01	460.95	288.97	171.98	2.680	
9,600.00	6,839.92	9,712.11	6,959.89	91.27	91.34	105.09	-1.10	-3,620.00	460.71	283.11	177.60	2.594	
9,700.00	6,840.00	9,812.11	6,959.75	94.16	94.24	105.07	-1.68	-3,720.00	460.46	277.23	183.23	2.513	
9,800.00	6,840.08	9,912.11	6,959.62	97.07	97.14	105.06	-2.26	-3,820.00	460.22	271.35	188.86	2.437	
9,900.00	6,840.16	10,012.11	6,959.49	99.97	100.05	105.04	-2.83	-3,920.00	459.97	265.46	194.51	2.365	
10,000.00	6,840.24	10,112.11	6,959.36	102.88	102.96	105.02	-3.41	-4,020.00	459.72	259.57	200.16	2.297	
10,100.00	6,840.32	10,212.11	6,959.23	105.79	105.87	105.00	-3.99	-4,119.99	459.48	253.66	205.82	2.232	
10,200.00	6,840.40	10,312.11	6,959.09	108.71	108.79	104.98	-4.57	-4,219.99	459.23	247.75	211.48	2.172	
10,300.00	6,840.49	10,412.11	6,958.96	111.63	111.71	104.96	-5.15	-4,319.99	458.99	241.84	217.15	2.114	
10,400.00	6,840.57	10,512.11	6,958.83	114.54	114.63	104.94	-5.72	-4,419.99	458.74	235.92	222.82	2.059	
10,500.00	6,840.65	10,612.11	6,958.70	117.47	117.55	104.92	-6.30	-4,519.98	458.49	229.99	228.50	2.007	
10,600.00	6,840.73	10,712.11	6,958.56	120.39	120.47	104.90	-6.88	-4,619.98	458.25	224.07	234.18	1.957	
10,700.00	6,840.81	10,812.11	6,958.43	123.32	123.40	104.88	-7.46	-4,719.98	458.00	218.13	239.87	1.909	
10,800.00	6,840.89	10,912.11	6,958.30	126.24	126.33	104.86	-8.04	-4,819.98	457.76	212.19	245.56	1.864	
10,900.00	6,840.97	11,012.11	6,958.17	129.17	129.26	104.84	-8.61	-4,919.98	457.51	206.25	251.26	1.821	
11,000.00	6,841.06	11,112.11	6,958.03	132.10	132.19	104.82	-9.19	-5,019.97	457.27	200.31	256.96	1.780	
11,100.00	6,841.14	11,212.11	6,957.90	135.03	135.12	104.80	-9.77	-5,119.97	457.02	194.36	262.66	1.740	
11,200.00	6,841.22	11,312.11	6,957.77	137.97	138.05	104.78	-10.35	-5,219.97	456.78	188.40	268.37	1.702	
11,300.00	6,841.30	11,412.11	6,957.64	140.90	140.99	104.76	-10.93	-5,319.97	456.53	182.45	274.08	1.666	
11,400.00	6,841.38	11,512.11	6,957.50	143.84	143.92	104.74	-11.50	-5,419.97	456.29	176.49	279.80	1.631	
11,500.00	6,841.46	11,612.11	6,957.37	146.77	146.86	104.72	-12.08	-5,519.96	456.04	170.53	285.51	1.597	
11,600.00	6,841.54	11,712.10	6,957.24	149.71	149.80	104.70	-12.66	-5,619.96	455.79	164.56	291.23	1.565	
11,700.00	6,841.63	11,812.10	6,957.11	152.65	152.74	104.68	-13.24	-5,719.96	455.55	158.60	296.95	1.534	
11,800.00	6,841.71	11,912.10	6,956.98	155.59	155.67	104.67	-13.82	-5,819.96	455.30	152.63	302.68	1.504	
11,900.00	6,841.79	12,012.10	6,956.84	158.53	158.62	104.65	-14.39	-5,919.95	455.06	146.65	308.41	1.476 Level 3	
12,000.00	6,841.87	12,112.10	6,956.71	161.47	161.56	104.63	-14.97	-6,019.95	454.81	140.68	314.14	1.448 Level 3	
12,100.00	6,841.95	12,212.10	6,956.58	164.41	164.50	104.61	-15.55	-6,119.95	454.57	134.70	319.87	1.421 Level 3	
12,200.00	6,842.03	12,312.10	6,956.45	167.35	167.44	104.59	-16.13	-6,219.95	454.33	128.72	325.60	1.395 Level 3	
12,300.00	6,842.11	12,412.10	6,956.31	170.30	170.38	104.57	-16.71	-6,319.95	454.08	122.74	331.34	1.370 Level 3	
12,400.00	6,842.20	12,512.10	6,956.18	173.24	173.33	104.55	-17.28	-6,419.94	453.84	116.76	337.08	1.346 Level 3	
12,500.00	6,842.28	12,612.10	6,956.05	176.18	176.27	104.53	-17.86	-6,519.94	453.59	110.77	342.82	1.323 Level 3	
12,600.00	6,842.36	12,712.10	6,955.92	179.13	179.22	104.51	-18.44	-6,619.94	453.35	104.78	348.56	1.301 Level 3	
12,700.00	6,842.44	12,812.10	6,955.78	182.07	182.16	104.49	-19.02	-6,719.94	453.10	98.79	354.31	1.279 Level 3	
12,800.00	6,842.52	12,912.10	6,955.65	185.02	185.11	104.47	-19.60	-6,819.93	452.86	92.80	360.06	1.258 Level 3	
12,900.00	6,842.60	13,012.10	6,955.52	187.97	188.05	104.45	-20.17	-6,919.93	452.61	86.81	365.81	1.237 Level 2	
13,000.00	6,842.68	13,112.10	6,955.39	190.91	191.00	104.43	-20.75	-7,019.93	452.37	80.81	371.56	1.217 Level 2	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,100.00	6,842.77	13,212.10	6,955.26	193.86	193.95	104.41	-21.33	-7,119.93	452.12	74.81	377.31	1.198	Level 2	
13,200.00	6,842.85	13,312.10	6,955.12	196.81	196.90	104.39	-21.91	-7,219.93	451.88	68.82	383.06	1.180	Level 2	
13,300.00	6,842.93	13,412.10	6,954.99	199.76	199.84	104.37	-22.49	-7,319.92	451.64	62.81	388.82	1.162	Level 2	
13,400.00	6,843.01	13,512.10	6,954.86	202.71	202.79	104.35	-23.06	-7,419.92	451.39	56.81	394.58	1.144	Level 2	
13,500.00	6,843.09	13,612.10	6,954.73	205.66	205.74	104.33	-23.64	-7,519.92	451.15	50.81	400.34	1.127	Level 2	
13,600.00	6,843.17	13,712.10	6,954.59	208.61	208.69	104.31	-24.22	-7,619.92	450.90	44.80	406.10	1.110	Level 2	
13,700.00	6,843.25	13,812.10	6,954.46	211.56	211.64	104.29	-24.80	-7,719.92	450.66	38.80	411.86	1.094	Level 2	
13,800.00	6,843.33	13,912.10	6,954.33	214.51	214.59	104.27	-25.38	-7,819.91	450.42	32.79	417.63	1.079	Level 2	
13,900.00	6,843.42	14,012.10	6,954.20	217.46	217.54	104.25	-25.95	-7,919.91	450.17	26.78	423.39	1.063	Level 2	
14,000.00	6,843.50	14,112.09	6,954.06	220.41	220.49	104.23	-26.53	-8,019.91	449.93	20.77	429.16	1.048	Level 2	
14,100.00	6,843.58	14,212.09	6,953.93	223.36	223.44	104.21	-27.11	-8,119.91	449.68	14.75	434.93	1.034	Level 2	
14,200.00	6,843.66	14,312.09	6,953.80	226.31	226.39	104.19	-27.69	-8,219.90	449.44	8.74	440.70	1.020	Level 2	
14,300.00	6,843.74	14,412.09	6,953.67	229.26	229.34	104.17	-28.27	-8,319.90	449.20	2.72	446.47	1.006	Level 2	
14,400.00	6,843.82	14,512.09	6,953.54	232.21	232.30	104.14	-28.84	-8,419.90	448.95	-3.29	452.25	0.993	Level 1	
14,500.00	6,843.90	14,612.09	6,953.40	235.17	235.25	104.12	-29.42	-8,519.90	448.71	-9.31	458.02	0.980	Level 1	
14,600.00	6,843.99	14,712.09	6,953.27	238.12	238.20	104.10	-30.00	-8,619.90	448.47	-15.33	463.80	0.967	Level 1	
14,700.00	6,844.07	14,812.09	6,953.14	241.07	241.15	104.08	-30.58	-8,719.89	448.22	-21.35	469.58	0.955	Level 1	
14,800.00	6,844.15	14,912.09	6,953.01	244.02	244.11	104.06	-31.16	-8,819.89	447.98	-27.38	475.35	0.942	Level 1	
14,900.00	6,844.23	15,012.09	6,952.87	246.98	247.06	104.04	-31.73	-8,919.89	447.74	-33.40	481.13	0.931	Level 1	
15,000.00	6,844.31	15,112.09	6,952.74	249.93	250.01	104.02	-32.31	-9,019.89	447.49	-39.42	486.92	0.919	Level 1	
15,100.00	6,844.39	15,212.09	6,952.61	252.88	252.96	104.00	-32.89	-9,119.88	447.25	-45.45	492.70	0.908	Level 1	
15,200.00	6,844.47	15,312.09	6,952.48	255.84	255.92	103.98	-33.47	-9,219.88	447.01	-51.48	498.48	0.897	Level 1	
15,300.00	6,844.56	15,412.09	6,952.34	258.79	258.87	103.96	-34.05	-9,319.88	446.76	-57.51	504.27	0.886	Level 1	
15,400.00	6,844.64	15,512.09	6,952.21	261.75	261.83	103.94	-34.62	-9,419.88	446.52	-63.54	510.06	0.875	Level 1	
15,500.00	6,844.72	15,612.09	6,952.08	264.70	264.78	103.92	-35.20	-9,519.88	446.28	-69.57	515.84	0.865	Level 1	
15,600.00	6,844.80	15,712.09	6,951.95	267.66	267.73	103.90	-35.78	-9,619.87	446.03	-75.60	521.63	0.855	Level 1	
15,700.00	6,844.88	15,812.09	6,951.82	270.61	270.69	103.88	-36.36	-9,719.87	445.79	-81.63	527.42	0.845	Level 1	
15,800.00	6,844.96	15,912.09	6,951.68	273.56	273.64	103.86	-36.94	-9,819.87	445.55	-87.67	533.22	0.836	Level 1	
15,900.00	6,845.04	16,012.09	6,951.55	276.52	276.60	103.84	-37.51	-9,919.87	445.31	-93.70	539.01	0.826	Level 1	
16,000.00	6,845.13	16,112.09	6,951.42	279.48	279.55	103.82	-38.09	-10,019.87	445.06	-99.74	544.80	0.817	Level 1	
16,100.00	6,845.21	16,212.09	6,951.29	282.43	282.51	103.80	-38.67	-10,119.86	444.82	-105.78	550.60	0.808	Level 1	
16,200.00	6,845.29	16,312.09	6,951.15	285.39	285.46	103.78	-39.25	-10,219.86	444.58	-111.82	556.40	0.799	Level 1	
16,300.00	6,845.37	16,412.09	6,951.02	288.34	288.42	103.76	-39.83	-10,319.86	444.33	-117.86	562.19	0.790	Level 1	
16,400.00	6,845.45	16,512.08	6,950.89	291.30	291.37	103.73	-40.40	-10,419.86	444.09	-123.90	567.99	0.782	Level 1	
16,500.00	6,845.53	16,612.08	6,950.76	294.25	294.33	103.71	-40.98	-10,519.85	443.85	-129.94	573.79	0.774	Level 1	
16,600.00	6,845.61	16,712.08	6,950.62	297.21	297.28	103.69	-41.56	-10,619.85	443.61	-135.99	579.59	0.765	Level 1	
16,700.00	6,845.70	16,812.08	6,950.49	300.17	300.24	103.67	-42.14	-10,719.85	443.37	-142.03	585.40	0.757	Level 1	
16,800.00	6,845.78	16,912.08	6,950.36	303.12	303.19	103.65	-42.72	-10,819.85	443.12	-148.08	591.20	0.750	Level 1	
16,900.00	6,845.86	17,012.08	6,950.23	306.08	306.15	103.63	-43.29	-10,919.85	442.88	-154.12	597.01	0.742	Level 1	
17,000.00	6,845.94	17,112.08	6,950.10	309.03	309.11	103.61	-43.87	-11,019.84	442.64	-160.17	602.81	0.734	Level 1	
17,074.59	6,846.00	17,186.67	6,950.00	311.24	311.31	103.59	-44.30	-11,094.43	442.46	-164.68	607.14	0.729	Level 1, ES, SF	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	0.53	60.11	0.56	60.12				
100.00	100.00	100.00	100.00	3.28	3.28	0.53	60.11	0.56	60.12	52.59	7.53	7.986	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	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	0.53	60.11	0.56	60.12	52.55	7.57	7.943 ES	
300.00	300.00	299.76	299.76	3.34	3.34	122.47	60.22	0.14	60.45	52.80	7.65	7.900	
400.00	399.93	399.22	399.15	3.40	3.41	122.04	61.04	-3.22	63.13	55.36	7.77	8.125	
500.00	499.68	498.52	498.21	3.48	3.49	121.26	62.68	-9.90	68.48	60.54	7.94	8.629	
600.00	599.13	602.17	597.01	3.59	3.61	120.49	65.08	-19.65	76.44	68.28	8.16	9.366	
700.00	698.32	702.60	696.00	3.73	3.74	120.85	67.62	-30.01	85.69	77.25	8.43	10.159	
800.00	797.51	803.04	795.00	3.90	3.90	121.18	70.17	-40.37	94.96	86.21	8.75	10.853	
900.00	896.70	903.47	893.99	4.08	4.08	121.45	72.71	-50.73	104.24	95.14	9.11	11.448	
1,000.00	995.89	1,003.90	992.99	4.29	4.28	121.68	75.25	-61.09	113.52	104.02	9.50	11.955	
1,100.00	1,095.08	1,104.33	1,091.98	4.52	4.49	121.87	77.80	-71.45	122.80	112.89	9.92	12.385	
1,200.00	1,194.27	1,195.24	1,190.97	4.76	4.69	122.04	80.34	-81.80	132.08	121.74	10.34	12.775	
1,300.00	1,293.46	1,305.20	1,289.97	5.01	4.94	122.18	82.89	-92.16	141.37	130.54	10.83	13.054	
1,400.00	1,392.65	1,405.63	1,388.96	5.27	5.19	122.31	85.43	-102.52	150.65	139.33	11.32	13.312	
1,500.00	1,491.84	1,506.06	1,487.96	5.54	5.44	122.42	87.98	-112.88	159.93	148.11	11.82	13.530	
1,600.00	1,591.03	1,606.49	1,586.95	5.82	5.70	122.52	90.52	-123.24	169.22	156.88	12.34	13.713	
1,700.00	1,690.22	1,706.93	1,685.95	6.11	5.95	122.61	93.07	-133.60	178.50	165.64	12.86	13.878	
1,800.00	1,789.41	1,807.36	1,784.94	6.26	6.08	122.69	95.61	-143.96	187.79	175.03	12.76	14.718	
1,900.00	1,888.60	1,907.79	1,883.94	6.29	6.11	122.76	98.15	-154.32	197.08	184.26	12.81	15.379	
2,000.00	1,987.79	1,991.78	1,982.93	6.34	6.15	122.83	100.70	-164.68	206.36	193.47	12.89	16.003	
2,100.00	2,086.98	2,108.66	2,081.93	6.41	6.22	122.89	103.24	-175.03	215.65	202.62	13.03	16.556	
2,200.00	2,186.17	2,209.09	2,180.92	6.50	6.30	122.94	105.79	-185.39	224.94	211.76	13.18	17.067	
2,300.00	2,285.36	2,309.52	2,279.92	6.60	6.39	122.99	108.33	-195.75	234.22	220.86	13.37	17.525	
2,400.00	2,384.54	2,409.95	2,378.91	6.72	6.50	123.04	110.88	-206.11	243.51	229.93	13.58	17.931	
2,500.00	2,483.73	2,489.61	2,477.90	6.86	6.59	123.08	113.42	-216.47	252.80	239.00	13.80	18.321	
2,600.00	2,582.92	2,589.18	2,576.90	7.01	6.72	123.12	115.96	-226.83	262.08	248.02	14.06	18.635	
2,700.00	2,682.11	2,688.75	2,675.89	7.17	6.86	123.16	118.51	-237.19	271.37	257.02	14.36	18.903	
2,800.00	2,781.30	2,788.32	2,774.89	7.35	7.02	123.20	121.05	-247.55	280.66	265.99	14.67	19.131	
2,900.00	2,880.49	2,887.88	2,873.88	7.54	7.18	123.23	123.60	-257.91	289.95	274.94	15.01	19.320	
3,000.00	2,979.68	2,987.45	2,972.88	7.73	7.36	123.26	126.14	-268.27	299.24	283.87	15.37	19.475	
3,100.00	3,078.87	3,087.02	3,071.87	7.94	7.54	123.29	128.69	-278.62	308.52	292.78	15.74	19.599	
3,200.00	3,178.06	3,186.59	3,170.87	8.16	7.73	123.32	131.23	-288.98	317.81	301.68	16.14	19.696	
3,300.00	3,277.25	3,286.16	3,269.86	8.39	7.94	123.34	133.78	-299.34	327.10	310.55	16.55	19.768	
3,400.00	3,376.44	3,385.72	3,368.86	8.62	8.14	123.37	136.32	-309.70	336.39	319.42	16.97	19.820	
3,500.00	3,475.63	3,485.29	3,467.85	8.86	8.36	123.39	138.86	-320.06	345.68	328.26	17.41	19.853	
3,600.00	3,574.82	3,584.86	3,566.84	9.11	8.58	123.41	141.41	-330.42	354.96	337.10	17.86	19.870	
3,700.00	3,674.01	3,684.43	3,665.84	9.36	8.81	123.43	143.95	-340.78	364.25	345.92	18.33	19.873	
3,800.00	3,773.20	3,783.99	3,764.83	9.62	9.04	123.45	146.50	-351.14	373.54	354.74	18.80	19.865	
3,900.00	3,872.39	3,883.56	3,863.83	9.89	9.28	123.47	149.04	-361.50	382.83	363.54	19.29	19.846	
4,000.00	3,971.58	3,983.13	3,962.82	10.16	9.53	123.49	151.59	-371.85	392.12	372.33	19.79	19.819	
4,100.00	4,070.77	4,082.70	4,061.82	10.43	9.77	123.51	154.13	-382.21	401.41	381.12	20.29	19.785	
4,200.00	4,169.95	4,182.26	4,160.81	10.71	10.03	123.52	156.68	-392.57	410.69	389.89	20.80	19.744	
4,300.00	4,269.14	4,281.83	4,259.81	10.99	10.28	123.54	159.22	-402.93	419.98	398.66	21.32	19.699	
4,400.00	4,368.33	4,381.40	4,358.80	11.28	10.54	123.55	161.76	-413.29	429.27	407.43	21.85	19.650	
4,500.00	4,467.52	4,480.97	4,457.80	11.57	10.80	123.57	164.31	-423.65	438.56	416.18	22.38	19.597	
4,600.00	4,566.71	4,580.53	4,556.79	11.86	11.07	123.58	166.85	-434.01	447.85	424.93	22.92	19.542	
4,700.00	4,665.90	4,680.10	4,655.79	12.15	11.34	123.59	169.40	-444.37	457.14	433.68	23.46	19.485	
4,800.00	4,765.09	4,779.67	4,754.78	12.45	11.61	123.61	171.94	-454.73	466.43	442.42	24.01	19.426	
4,900.00	4,864.28	4,879.24	4,853.77	12.75	11.88	123.62	174.49	-465.09	475.71	451.15	24.56	19.366	
5,000.00	4,963.47	4,978.80	4,952.77	13.05	12.15	123.63	177.03	-475.44	485.00	459.88	25.12	19.305	
5,100.00	5,062.66	5,078.37	5,051.76	13.36	12.43	123.64	179.57	-485.80	494.29	468.61	25.69	19.244	
5,200.00	5,161.85	5,177.94	5,150.76	13.66	12.71	123.65	182.12	-496.16	503.58	477.33	26.25	19.183	
5,300.00	5,261.04	5,277.51	5,249.75	13.97	12.99	123.66	184.66	-506.52	512.87	486.05	26.82	19.121	
5,400.00	5,360.23	5,377.08	5,348.75	14.28	13.27	123.67	187.21	-516.88	522.16	494.76	27.40	19.060	
5,500.00	5,459.42	5,476.64	5,447.74	14.59	13.56	123.68	189.75	-527.24	531.45	503.47	27.97	18.999	
5,600.00	5,558.61	5,576.21	5,546.74	14.91	13.84	123.69	192.30	-537.60	540.74	512.18	28.55	18.939	
5,700.00	5,657.80	5,675.78	5,645.73	15.22	14.13	123.70	194.84	-547.96	550.02	520.89	29.13	18.879	
5,800.00	5,756.99	5,775.35	5,744.73	15.53	14.42	123.71	197.39	-558.32	559.31	529.59	29.72	18.820	
5,900.00	5,856.18	5,874.91	5,843.72	15.85	14.71	123.72	199.93	-568.67	568.60	538.29	30.31	18.761	
6,000.00	5,955.36	5,974.48	5,942.72	16.17	15.00	123.73	202.47	-579.03	577.89	546.99	30.90	18.703	
6,100.00	6,054.55	6,074.05	6,041.71	16.49	15.29	123.73	205.02	-589.39	587.18	555.69	31.49	18.647	
6,200.00	6,153.74	6,173.62	6,140.70	16.81	15.59	123.74	207.56	-599.75	596.47	564.38	32.08	18.591	
6,300.00	6,252.93	6,273.18	6,239.70	17.13	15.88	123.75	210.11	-610.11	605.76	573.08	32.68	18.536	
6,400.00	6,351.34	6,372.51	6,338.46	17.48	16.17	107.65	212.65	-620.44	615.21	581.92	33.29	18.480	

Offset Design										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
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	6,446.12	6,469.79	6,435.18	17.95	16.46	102.45	215.13	-630.57	625.42	591.47	33.95	18.421	
6,600.00	6,534.91	6,571.92	6,536.19	18.55	16.80	101.73	217.71	-644.93	637.17	602.42	34.74	18.340	
6,700.00	6,615.53	6,683.94	6,642.99	19.31	17.31	102.30	220.36	-678.12	649.63	613.77	35.86	18.114	
6,800.00	6,685.98	6,803.96	6,749.07	20.26	18.06	103.31	222.90	-733.82	662.08	624.67	37.41	17.697	
6,900.00	6,744.53	6,932.64	6,849.04	21.45	19.18	104.45	225.17	-814.47	673.67	634.11	39.56	17.029	
7,000.00	6,789.75	7,069.96	6,935.53	22.91	20.80	105.50	226.98	-920.77	683.47	641.00	42.47	16.093	
7,100.00	6,820.51	7,214.82	6,999.89	24.63	23.05	106.29	228.11	-1,050.19	690.57	644.27	46.29	14.917	
7,200.00	6,836.06	7,364.83	7,034.00	26.56	25.93	106.70	228.39	-1,195.92	694.19	643.20	50.99	13.614	
7,300.00	6,838.04	7,489.74	7,037.87	28.64	28.58	106.72	227.96	-1,320.67	694.48	638.84	55.64	12.481	
7,400.00	6,838.13	7,589.74	7,037.62	30.86	30.86	106.70	227.52	-1,420.67	694.34	634.34	60.00	11.572	
7,500.00	6,838.21	7,689.74	7,037.36	33.21	33.24	106.67	227.09	-1,520.67	694.19	629.62	64.57	10.751	
7,600.00	6,838.29	7,789.74	7,037.11	35.65	35.70	106.65	226.66	-1,620.67	694.05	624.74	69.31	10.014	
7,700.00	6,838.37	7,889.74	7,036.85	38.16	38.24	106.62	226.23	-1,720.67	693.90	619.72	74.18	9.354	
7,800.00	6,838.45	7,989.73	7,036.60	40.74	40.84	106.60	225.80	-1,820.66	693.76	614.58	79.17	8.763	
7,900.00	6,838.53	8,089.73	7,036.35	43.37	43.48	106.57	225.36	-1,920.66	693.61	609.36	84.25	8.232	
8,000.00	6,838.61	8,189.73	7,036.09	46.04	46.16	106.54	224.93	-2,020.66	693.47	604.05	89.41	7.756	
8,100.00	6,838.70	8,289.73	7,035.84	48.74	48.87	106.52	224.50	-2,120.66	693.32	598.69	94.64	7.326	
8,200.00	6,838.78	8,389.73	7,035.58	51.48	51.61	106.49	224.07	-2,220.66	693.18	593.26	99.91	6.938	
8,300.00	6,838.86	8,489.73	7,035.33	54.23	54.38	106.47	223.64	-2,320.66	693.03	587.80	105.24	6.585	
8,400.00	6,838.94	8,589.73	7,035.07	57.01	57.16	106.44	223.20	-2,420.65	692.89	582.29	110.60	6.265	
8,500.00	6,839.02	8,689.73	7,034.82	59.81	59.96	106.42	222.77	-2,520.65	692.74	576.74	116.00	5.972	
8,600.00	6,839.10	8,789.73	7,034.56	62.62	62.78	106.39	222.34	-2,620.65	692.60	571.17	121.43	5.704	
8,700.00	6,839.18	8,889.73	7,034.31	65.44	65.61	106.37	221.91	-2,720.65	692.46	565.57	126.89	5.457	
8,800.00	6,839.27	8,989.73	7,034.05	68.28	68.45	106.34	221.48	-2,820.65	692.31	559.95	132.37	5.230	
8,900.00	6,839.35	9,089.73	7,033.80	71.13	71.29	106.32	221.04	-2,920.64	692.17	554.30	137.86	5.021	
9,000.00	6,839.43	9,189.73	7,033.55	73.99	74.15	106.29	220.61	-3,020.64	692.03	548.64	143.38	4.826	
9,100.00	6,839.51	9,289.73	7,033.29	76.85	77.02	106.26	220.18	-3,120.64	691.88	542.97	148.92	4.646	
9,200.00	6,839.59	9,389.73	7,033.04	79.72	79.89	106.24	219.75	-3,220.64	691.74	537.27	154.47	4.478	
9,300.00	6,839.67	9,489.73	7,032.78	82.60	82.77	106.21	219.32	-3,320.64	691.60	531.57	160.03	4.322	
9,400.00	6,839.75	9,589.73	7,032.53	85.48	85.66	106.19	218.89	-3,420.64	691.45	525.85	165.61	4.175	
9,500.00	6,839.83	9,689.72	7,032.27	88.37	88.55	106.16	218.45	-3,520.63	691.31	520.12	171.19	4.038	
9,600.00	6,839.92	9,789.72	7,032.02	91.27	91.44	106.14	218.02	-3,620.63	691.17	514.38	176.79	3.910	
9,700.00	6,840.00	9,889.72	7,031.76	94.16	94.34	106.11	217.59	-3,720.63	691.03	508.63	182.40	3.789	
9,800.00	6,840.08	9,989.72	7,031.51	97.07	97.25	106.09	217.16	-3,820.63	690.88	502.87	188.01	3.675	
9,900.00	6,840.16	10,089.72	7,031.25	99.97	100.15	106.06	216.73	-3,920.63	690.74	497.11	193.63	3.567	
10,000.00	6,840.24	10,189.72	7,031.00	102.88	103.06	106.03	216.29	-4,020.62	690.60	491.33	199.26	3.466	
10,100.00	6,840.32	10,289.72	7,030.75	105.79	105.97	106.01	215.86	-4,120.62	690.46	485.55	204.90	3.370	
10,200.00	6,840.40	10,389.72	7,030.49	108.71	108.89	105.98	215.43	-4,220.62	690.31	479.77	210.55	3.279	
10,300.00	6,840.49	10,489.72	7,030.24	111.63	111.81	105.96	215.00	-4,320.62	690.17	473.98	216.20	3.192	
10,400.00	6,840.57	10,589.72	7,029.98	114.54	114.73	105.93	214.57	-4,420.62	690.03	468.18	221.85	3.110	
10,500.00	6,840.65	10,689.72	7,029.73	117.47	117.65	105.91	214.13	-4,520.62	689.89	462.38	227.51	3.032	
10,600.00	6,840.73	10,789.72	7,029.47	120.39	120.57	105.88	213.70	-4,620.61	689.75	456.57	233.18	2.958	
10,700.00	6,840.81	10,889.72	7,029.22	123.32	123.50	105.86	213.27	-4,720.61	689.61	450.76	238.85	2.887	
10,800.00	6,840.89	10,989.72	7,028.96	126.24	126.42	105.83	212.84	-4,820.61	689.47	444.94	244.53	2.820	
10,900.00	6,840.97	11,089.72	7,028.71	129.17	129.35	105.80	212.41	-4,920.61	689.33	439.12	250.21	2.755	
11,000.00	6,841.06	11,189.72	7,028.45	132.10	132.28	105.78	211.97	-5,020.61	689.18	433.29	255.89	2.693	
11,100.00	6,841.14	11,289.72	7,028.20	135.03	135.22	105.75	211.54	-5,120.60	689.04	427.46	261.58	2.634	
11,200.00	6,841.22	11,389.72	7,027.95	137.97	138.15	105.73	211.11	-5,220.60	688.90	421.63	267.27	2.578	
11,300.00	6,841.30	11,489.71	7,027.69	140.90	141.08	105.70	210.68	-5,320.60	688.76	415.79	272.97	2.523	
11,400.00	6,841.38	11,589.71	7,027.44	143.84	144.02	105.68	210.25	-5,420.60	688.62	409.96	278.67	2.471	
11,500.00	6,841.46	11,689.71	7,027.18	146.77	146.96	105.65	209.81	-5,520.60	688.48	404.11	284.37	2.421	
11,600.00	6,841.54	11,789.71	7,026.93	149.71	149.89	105.62	209.38	-5,620.59	688.34	398.27	290.08	2.373	
11,700.00	6,841.63	11,889.71	7,026.67	152.65	152.83	105.60	208.95	-5,720.59	688.20	392.42	295.79	2.327	
11,800.00	6,841.71	11,989.71	7,026.42	155.59	155.77	105.57	208.52	-5,820.59	688.06	386.57	301.50	2.282	
11,900.00	6,841.79	12,089.71	7,026.16	158.53	158.71	105.55	208.09	-5,920.59	687.92	380.71	307.21	2.239	
12,000.00	6,841.87	12,189.71	7,025.91	161.47	161.65	105.52	207.65	-6,020.59	687.78	374.85	312.93	2.198	
12,100.00	6,841.95	12,289.71	7,025.65	164.41	164.59	105.49	207.22	-6,120.59	687.65	368.99	318.65	2.158	
12,200.00	6,842.03	12,389.71	7,025.40	167.35	167.54	105.47	206.79	-6,220.58	687.51	363.13	324.37	2.119	
12,300.00	6,842.11	12,489.71	7,025.15	170.30	170.48	105.44	206.36	-6,320.58	687.37	357.27	330.10	2.082	
12,400.00	6,842.20	12,589.71	7,024.89	173.24	173.42	105.42	205.93	-6,420.58	687.23	351.40	335.83	2.046	
12,500.00	6,842.28	12,689.71	7,024.64	176.18	176.37	105.39	205.49	-6,520.58	687.09	345.53	341.56	2.012	
12,600.00	6,842.36	12,789.71	7,024.38	179.13	179.31	105.37	205.06	-6,620.58	686.95	339.66	347.29	1.978	
12,700.00	6,842.44	12,889.71	7,024.13	182.07	182.26	105.34	204.63	-6,720.57	686.81	333.79	353.03	1.945	
12,800.00	6,842.52	12,989.71	7,023.87	185.02	185.20	105.31	204.20	-6,820.57	686.67	327.91	358.76	1.914	
12,900.00	6,842.60	13,089.71	7,023.62	187.97	188.15	105.29	203.77	-6,920.57	686.54	322.03	364.50	1.883	
13,000.00	6,842.68	13,189.70	7,023.36	190.91	191.10	105.26	203.34	-7,020.57	686.40	316.15	370.25	1.854	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
13,100.00	6,842.77	13,289.70	7,023.11	193.86	194.04	105.24	202.90	-7,120.57	686.26	310.27	375.99	1.825		
13,200.00	6,842.85	13,389.70	7,022.85	196.81	196.99	105.21	202.47	-7,220.57	686.12	304.39	381.74	1.797		
13,300.00	6,842.93	13,489.70	7,022.60	199.76	199.94	105.18	202.04	-7,320.56	685.99	298.50	387.49	1.770		
13,400.00	6,843.01	13,589.70	7,022.35	202.71	202.89	105.16	201.61	-7,420.56	685.85	292.61	393.24	1.744		
13,500.00	6,843.09	13,689.70	7,022.09	205.66	205.84	105.13	201.18	-7,520.56	685.71	286.72	398.99	1.719		
13,600.00	6,843.17	13,789.70	7,021.84	208.61	208.79	105.11	200.74	-7,620.56	685.57	280.83	404.74	1.694		
13,700.00	6,843.25	13,889.70	7,021.58	211.56	211.74	105.08	200.31	-7,720.56	685.44	274.94	410.50	1.670		
13,800.00	6,843.33	13,989.70	7,021.33	214.51	214.69	105.05	199.88	-7,820.55	685.30	269.04	416.26	1.646		
13,900.00	6,843.42	14,089.70	7,021.07	217.46	217.64	105.03	199.45	-7,920.55	685.16	263.15	422.02	1.624		
14,000.00	6,843.50	14,189.70	7,020.82	220.41	220.59	105.00	199.02	-8,020.55	685.03	257.25	427.78	1.601		
14,100.00	6,843.58	14,289.70	7,020.56	223.36	223.54	104.98	198.58	-8,120.55	684.89	251.35	433.54	1.580		
14,200.00	6,843.66	14,389.70	7,020.31	226.31	226.49	104.95	198.15	-8,220.55	684.75	245.45	439.31	1.559		
14,300.00	6,843.74	14,489.70	7,020.05	229.26	229.44	104.92	197.72	-8,320.55	684.62	239.54	445.07	1.538		
14,400.00	6,843.82	14,589.70	7,019.80	232.21	232.40	104.90	197.29	-8,420.54	684.48	233.64	450.84	1.518		
14,500.00	6,843.90	14,689.70	7,019.55	235.17	235.35	104.87	196.86	-8,520.54	684.35	227.73	456.61	1.499 Level 3		
14,600.00	6,843.99	14,789.70	7,019.29	238.12	238.30	104.85	196.42	-8,620.54	684.21	221.82	462.39	1.480 Level 3		
14,700.00	6,844.07	14,889.70	7,019.04	241.07	241.25	104.82	195.99	-8,720.54	684.07	215.92	468.16	1.461 Level 3		
14,800.00	6,844.15	14,989.69	7,018.78	244.02	244.21	104.79	195.56	-8,820.54	683.94	210.00	473.93	1.443 Level 3		
14,900.00	6,844.23	15,089.69	7,018.53	246.98	247.16	104.77	195.13	-8,920.53	683.80	204.09	479.71	1.425 Level 3		
15,000.00	6,844.31	15,189.69	7,018.27	249.93	250.11	104.74	194.70	-9,020.53	683.67	198.18	485.49	1.408 Level 3		
15,100.00	6,844.39	15,289.69	7,018.02	252.88	253.07	104.71	194.26	-9,120.53	683.53	192.26	491.27	1.391 Level 3		
15,200.00	6,844.47	15,389.69	7,017.76	255.84	256.02	104.69	193.83	-9,220.53	683.40	186.35	497.05	1.375 Level 3		
15,300.00	6,844.56	15,489.69	7,017.51	258.79	258.97	104.66	193.40	-9,320.53	683.26	180.43	502.84	1.359 Level 3		
15,400.00	6,844.64	15,589.69	7,017.25	261.75	261.93	104.64	192.97	-9,420.53	683.13	174.51	508.62	1.343 Level 3		
15,500.00	6,844.72	15,689.69	7,017.00	264.70	264.88	104.61	192.54	-9,520.52	683.00	168.59	514.41	1.328 Level 3		
15,600.00	6,844.80	15,789.69	7,016.75	267.66	267.84	104.58	192.10	-9,620.52	682.86	162.67	520.20	1.313 Level 3		
15,700.00	6,844.88	15,889.69	7,016.49	270.61	270.79	104.56	191.67	-9,720.52	682.73	156.74	525.98	1.298 Level 3		
15,800.00	6,844.96	15,989.69	7,016.24	273.56	273.75	104.53	191.24	-9,820.52	682.59	150.82	531.78	1.284 Level 3		
15,900.00	6,845.04	16,089.69	7,015.98	276.52	276.70	104.51	190.81	-9,920.52	682.46	144.89	537.57	1.270 Level 3		
16,000.00	6,845.13	16,189.69	7,015.73	279.48	279.65	104.48	190.38	-10,020.51	682.33	138.96	543.36	1.256 Level 3		
16,100.00	6,845.21	16,289.69	7,015.47	282.43	282.61	104.45	189.95	-10,120.51	682.19	133.03	549.16	1.242 Level 2		
16,200.00	6,845.29	16,389.69	7,015.22	285.39	285.57	104.43	189.51	-10,220.51	682.06	127.10	554.95	1.229 Level 2		
16,300.00	6,845.37	16,489.69	7,014.96	288.34	288.52	104.40	189.08	-10,320.51	681.93	121.17	560.75	1.216 Level 2		
16,400.00	6,845.45	16,589.69	7,014.71	291.30	291.48	104.37	188.65	-10,420.51	681.79	115.24	566.55	1.203 Level 2		
16,500.00	6,845.53	16,689.68	7,014.45	294.25	294.43	104.35	188.22	-10,520.51	681.66	109.31	572.35	1.191 Level 2		
16,600.00	6,845.61	16,789.68	7,014.20	297.21	297.39	104.32	187.79	-10,620.50	681.53	103.37	578.15	1.179 Level 2		
16,700.00	6,845.70	16,889.68	7,013.95	300.17	300.34	104.30	187.35	-10,720.50	681.39	97.44	583.96	1.167 Level 2		
16,800.00	6,845.78	16,989.68	7,013.69	303.12	303.30	104.27	186.92	-10,820.50	681.26	91.50	589.76	1.155 Level 2		
16,900.00	6,845.86	17,089.68	7,013.44	306.08	306.26	104.24	186.49	-10,920.50	681.13	85.56	595.57	1.144 Level 2		
17,000.00	6,845.94	17,189.68	7,013.18	309.03	309.21	104.22	186.06	-11,020.50	681.00	79.62	601.38	1.132 Level 2		
17,074.59	6,846.00	17,264.27	7,012.99	311.24	311.42	104.20	185.74	-11,095.08	680.90	75.19	605.71	1.124 Level 2, SF		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		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	-179.73	-60.10	-0.28	60.10				
100.00	100.00	100.00	100.00	3.28	3.28	-179.73	-60.10	-0.28	60.10	52.57	7.53	7.984	
200.00	200.00	200.00	200.00	3.30	3.30	-179.73	-60.10	-0.28	60.10	52.53	7.57	7.940	
273.58	273.57	273.17	273.17	3.33	3.33	-58.07	-60.18	-0.33	59.93	52.30	7.62	7.859	CC, ES
300.00	300.00	299.13	299.13	3.34	3.34	-57.86	-60.45	-0.51	60.23	52.58	7.65	7.874	
400.00	399.93	397.38	397.31	3.40	3.40	-58.86	-63.28	-2.33	61.27	53.51	7.75	7.901	
500.00	499.68	495.57	495.27	3.48	3.48	-60.75	-68.94	-5.98	63.40	55.50	7.90	8.024	
600.00	599.13	593.69	592.87	3.59	3.58	-63.35	-77.41	-11.43	66.72	58.63	8.10	8.242	
700.00	698.32	691.70	689.95	3.73	3.71	-65.58	-88.66	-18.69	71.85	63.51	8.34	8.612	
800.00	797.51	789.49	786.31	3.90	3.88	-65.92	-102.67	-27.71	79.61	70.97	8.64	9.214	
900.00	896.70	889.08	884.15	4.08	4.09	-65.50	-118.28	-37.78	88.60	79.59	9.00	9.842	
1,000.00	995.89	988.68	982.00	4.29	4.33	-65.16	-133.90	-47.84	97.59	88.19	9.40	10.378	
1,100.00	1,095.08	1,088.27	1,079.84	4.52	4.60	-64.88	-149.51	-57.90	106.59	96.75	9.84	10.832	
1,200.00	1,194.27	1,187.86	1,177.69	4.76	4.88	-64.64	-165.13	-67.97	115.59	105.28	10.31	11.216	
1,300.00	1,293.46	1,287.45	1,275.53	5.01	5.18	-64.43	-180.74	-78.03	124.59	113.79	10.80	11.539	
1,400.00	1,392.65	1,387.05	1,373.38	5.27	5.49	-64.25	-196.36	-88.09	133.59	122.28	11.31	11.812	
1,500.00	1,491.84	1,486.64	1,471.22	5.54	5.81	-64.10	-211.97	-98.16	142.59	130.75	11.84	12.044	
1,600.00	1,591.03	1,586.23	1,569.07	5.82	6.15	-63.96	-227.59	-108.22	151.60	139.21	12.39	12.238	
1,700.00	1,690.22	1,685.83	1,666.91	6.11	6.49	-63.84	-243.20	-118.28	160.60	147.65	12.95	12.403	
1,800.00	1,789.41	1,785.42	1,764.76	6.26	6.70	-63.74	-258.82	-128.34	169.61	156.72	12.89	13.161	
1,900.00	1,888.60	1,885.01	1,862.61	6.29	6.77	-63.64	-274.43	-138.41	178.61	165.65	12.96	13.778	
2,000.00	1,987.79	1,984.61	1,960.45	6.34	6.84	-63.55	-290.05	-148.47	187.62	174.56	13.06	14.371	
2,100.00	2,086.98	2,084.20	2,058.30	6.41	6.93	-63.47	-305.66	-158.53	196.62	183.44	13.18	14.913	
2,200.00	2,186.17	2,183.79	2,156.14	6.50	7.05	-63.40	-321.28	-168.60	205.63	192.28	13.35	15.404	
2,300.00	2,285.36	2,283.39	2,253.99	6.60	7.18	-63.33	-336.89	-178.66	214.64	201.09	13.55	15.844	
2,400.00	2,384.54	2,382.98	2,351.83	6.72	7.34	-63.27	-352.51	-188.72	223.65	209.87	13.78	16.232	
2,500.00	2,483.73	2,482.57	2,449.68	6.86	7.52	-63.21	-368.12	-198.79	232.66	218.62	14.04	16.571	
2,600.00	2,582.92	2,582.17	2,547.52	7.01	7.71	-63.16	-383.74	-208.85	241.66	227.33	14.33	16.864	
2,700.00	2,682.11	2,681.76	2,645.37	7.17	7.92	-63.11	-399.35	-218.91	250.67	236.02	14.65	17.113	
2,800.00	2,781.30	2,781.35	2,743.21	7.35	8.14	-63.07	-414.97	-228.98	259.68	244.69	14.99	17.323	
2,900.00	2,880.49	2,880.95	2,841.06	7.54	8.38	-63.02	-430.58	-239.04	268.69	253.33	15.36	17.496	
3,000.00	2,979.68	2,980.54	2,938.90	7.73	8.63	-62.98	-446.19	-249.10	277.70	261.95	15.75	17.637	
3,100.00	3,078.87	3,080.13	3,036.75	7.94	8.89	-62.95	-461.81	-259.16	286.71	270.55	16.15	17.749	
3,200.00	3,178.06	3,179.73	3,134.60	8.16	9.16	-62.91	-477.42	-269.23	295.72	279.14	16.58	17.835	
3,300.00	3,277.25	3,279.32	3,232.44	8.39	9.44	-62.88	-493.04	-279.29	304.72	287.70	17.02	17.899	
3,400.00	3,376.44	3,378.91	3,330.29	8.62	9.73	-62.85	-508.65	-289.35	313.73	296.25	17.48	17.943	
3,500.00	3,475.63	3,478.51	3,428.13	8.86	10.03	-62.82	-524.27	-299.42	322.74	304.78	17.96	17.971	
3,600.00	3,574.82	3,578.10	3,525.98	9.11	10.33	-62.79	-539.88	-309.48	331.75	313.31	18.45	17.984	
3,700.00	3,674.01	3,677.69	3,623.82	9.36	10.65	-62.77	-555.50	-319.54	340.76	321.81	18.95	17.985	
3,800.00	3,773.20	3,777.29	3,721.67	9.62	10.96	-62.74	-571.11	-329.61	349.77	330.31	19.46	17.975	
3,900.00	3,872.39	3,876.88	3,819.51	9.89	11.29	-62.72	-586.73	-339.67	358.78	338.80	19.98	17.956	
4,000.00	3,971.58	3,976.47	3,917.36	10.16	11.62	-62.70	-602.34	-349.73	367.79	347.28	20.51	17.930	
4,100.00	4,070.77	4,076.06	4,015.20	10.43	11.95	-62.68	-617.96	-359.80	376.80	355.75	21.05	17.898	
4,200.00	4,169.95	4,175.66	4,113.05	10.71	12.29	-62.66	-633.57	-369.86	385.81	364.21	21.60	17.860	
4,300.00	4,269.14	4,275.25	4,210.89	10.99	12.63	-62.64	-649.19	-379.92	394.82	372.66	22.16	17.819	
4,400.00	4,368.33	4,374.84	4,308.74	11.28	12.98	-62.62	-664.80	-389.98	403.83	381.11	22.72	17.773	
4,500.00	4,467.52	4,474.44	4,406.59	11.57	13.33	-62.60	-680.42	-400.05	412.84	389.55	23.29	17.726	
4,600.00	4,566.71	4,574.03	4,504.43	11.86	13.68	-62.58	-696.03	-410.11	421.85	397.98	23.87	17.675	
4,700.00	4,665.90	4,673.62	4,602.28	12.15	14.03	-62.57	-711.65	-420.17	430.86	406.41	24.45	17.624	
4,800.00	4,765.09	4,773.22	4,700.12	12.45	14.39	-62.55	-727.26	-430.24	439.87	414.84	25.03	17.571	
4,900.00	4,864.28	4,872.81	4,797.97	12.75	14.75	-62.54	-742.88	-440.30	448.88	423.25	25.63	17.517	
5,000.00	4,963.47	4,972.40	4,895.81	13.05	15.12	-62.52	-758.49	-450.36	457.89	431.67	26.22	17.463	
5,100.00	5,062.66	5,072.00	4,993.66	13.36	15.48	-62.51	-774.11	-460.43	466.90	440.08	26.82	17.408	
5,200.00	5,161.85	5,171.59	5,091.50	13.66	15.85	-62.49	-789.72	-470.49	475.91	448.49	27.42	17.354	
5,300.00	5,261.04	5,271.18	5,189.35	13.97	16.22	-62.48	-805.34	-480.55	484.92	456.89	28.03	17.299	
5,400.00	5,360.23	5,370.78	5,287.19	14.28	16.59	-62.47	-820.95	-490.61	493.93	465.29	28.64	17.245	
5,500.00	5,459.42	5,470.37	5,385.04	14.59	16.96	-62.46	-836.57	-500.68	502.94	473.68	29.26	17.191	
5,600.00	5,558.61	5,569.96	5,482.88	14.91	17.33	-62.45	-852.18	-510.74	511.95	482.08	29.87	17.138	
5,700.00	5,657.80	5,669.56	5,580.73	15.22	17.71	-62.44	-867.79	-520.80	520.96	490.47	30.49	17.085	
5,800.00	5,756.99	5,769.15	5,678.58	15.53	18.08	-62.42	-883.41	-530.87	529.97	498.86	31.11	17.033	
5,900.00	5,856.18	5,868.74	5,776.42	15.85	18.46	-62.41	-899.02	-540.93	538.98	507.24	31.74	16.981	
6,000.00	5,955.36	5,968.34	5,874.27	16.17	18.84	-62.40	-914.64	-550.99	547.99	515.63	32.37	16.931	
6,100.00	6,054.55	6,067.93	5,972.11	16.49	19.22	-62.39	-930.25	-561.06	557.00	524.01	33.00	16.881	
6,200.00	6,153.74	6,167.52	6,069.96	16.81	19.60	-62.39	-945.87	-571.12	566.01	532.39	33.63	16.832	
6,300.00	6,252.93	6,267.12	6,167.80	17.13	19.98	-62.38	-961.48	-581.18	575.02	540.76	34.26	16.784	
6,400.00	6,351.34	6,366.46	6,265.40	17.48	20.36	-78.08	-977.06	-591.22	584.43	549.44	34.98	16.705	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1										Offset Site Error:0.00 usft				
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:3.28 usft				
Reference		Offset		Semi Major Axis		Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,446.12	6,463.72	6,360.95	17.95	20.74	-85.11	-992.31	-601.05	595.31	559.32	36.00	16.539		
6,600.00	6,534.91	6,556.50	6,452.11	18.55	21.10	-89.61	-1,006.85	-610.42	608.91	571.61	37.30	16.324		
6,700.00	6,615.53	6,642.52	6,536.61	19.31	21.43	-93.29	-1,020.34	-619.11	627.21	588.32	38.89	16.128		
6,800.00	6,685.98	6,724.93	6,617.56	20.26	21.75	-96.44	-1,033.26	-627.61	652.42	611.69	40.73	16.018		
6,900.00	6,744.53	6,851.83	6,739.53	21.45	22.27	-101.24	-1,052.76	-655.77	682.91	640.05	42.86	15.935		
7,000.00	6,789.75	7,013.71	6,883.01	22.91	23.16	-106.40	-1,075.77	-726.13	714.60	669.62	44.97	15.889		
7,100.00	6,820.51	7,229.70	7,038.61	24.63	24.79	-111.67	-1,100.87	-872.29	742.53	695.59	46.94	15.819		
7,200.00	6,836.06	7,200.00	7,148.14	26.56	24.35	-115.07	-1,118.79	-1,101.91	758.98	714.07	44.91	16.899		
7,300.00	6,838.04	7,704.11	7,167.76	28.64	31.39	-115.70	-1,122.36	-1,317.72	760.42	707.56	52.85	14.388		
7,400.00	6,838.13	7,804.10	7,167.35	30.86	33.33	-115.67	-1,122.50	-1,417.71	759.98	703.16	56.82	13.375		
7,500.00	6,838.21	7,904.10	7,166.93	33.21	35.44	-115.64	-1,122.64	-1,517.71	759.55	698.53	61.01	12.449		
7,600.00	6,838.29	8,004.10	7,166.51	35.65	37.67	-115.62	-1,122.78	-1,617.71	759.11	693.72	65.39	11.609		
7,700.00	6,838.37	8,104.10	7,166.10	38.16	40.01	-115.59	-1,122.92	-1,717.71	758.68	688.77	69.92	10.851		
7,800.00	6,838.45	8,204.10	7,165.68	40.74	42.44	-115.57	-1,123.06	-1,817.70	758.25	683.69	74.56	10.169		
7,900.00	6,838.53	8,304.10	7,165.26	43.37	44.93	-115.54	-1,123.20	-1,917.70	757.81	678.50	79.31	9.555		
8,000.00	6,838.61	8,404.10	7,164.84	46.04	47.49	-115.51	-1,123.34	-2,017.70	757.38	673.24	84.14	9.001		
8,100.00	6,838.70	8,504.09	7,164.43	48.74	50.09	-115.49	-1,123.47	-2,117.70	756.95	667.90	89.05	8.501		
8,200.00	6,838.78	8,604.09	7,164.01	51.48	52.74	-115.46	-1,123.61	-2,217.69	756.52	662.51	94.01	8.047		
8,300.00	6,838.86	8,704.09	7,163.59	54.23	55.42	-115.44	-1,123.75	-2,317.69	756.08	657.06	99.02	7.636		
8,400.00	6,838.94	8,804.09	7,163.18	57.01	58.13	-115.41	-1,123.89	-2,417.69	755.65	651.57	104.08	7.260		
8,500.00	6,839.02	8,904.09	7,162.76	59.81	60.86	-115.38	-1,124.03	-2,517.69	755.22	646.04	109.17	6.918		
8,600.00	6,839.10	9,004.09	7,162.34	62.62	63.61	-115.36	-1,124.17	-2,617.68	754.79	640.48	114.30	6.603		
8,700.00	6,839.18	9,104.08	7,161.92	65.44	66.39	-115.33	-1,124.31	-2,717.68	754.35	634.89	119.46	6.315		
8,800.00	6,839.27	9,204.08	7,161.51	68.28	69.18	-115.30	-1,124.45	-2,817.68	753.92	629.28	124.65	6.048		
8,900.00	6,839.35	9,304.08	7,161.09	71.13	71.99	-115.28	-1,124.58	-2,917.68	753.49	623.64	129.85	5.803		
9,000.00	6,839.43	9,404.08	7,160.67	73.99	74.80	-115.25	-1,124.72	-3,017.67	753.06	617.98	135.08	5.575		
9,100.00	6,839.51	9,504.08	7,160.26	76.85	77.63	-115.22	-1,124.86	-3,117.67	752.63	612.30	140.33	5.363		
9,200.00	6,839.59	9,604.08	7,159.84	79.72	80.47	-115.20	-1,125.00	-3,217.67	752.20	606.60	145.59	5.166		
9,300.00	6,839.67	9,704.08	7,159.42	82.60	83.32	-115.17	-1,125.14	-3,317.67	751.77	600.89	150.87	4.983		
9,400.00	6,839.75	9,804.07	7,159.01	85.48	86.18	-115.15	-1,125.28	-3,417.66	751.33	595.17	156.16	4.811		
9,500.00	6,839.83	9,904.07	7,158.59	88.37	89.04	-115.12	-1,125.42	-3,517.66	750.90	589.43	161.47	4.650		
9,600.00	6,839.92	10,004.07	7,158.17	91.27	91.91	-115.09	-1,125.56	-3,617.66	750.47	583.69	166.79	4.500		
9,700.00	6,840.00	10,104.07	7,157.75	94.16	94.79	-115.07	-1,125.69	-3,717.66	750.04	577.93	172.12	4.358		
9,800.00	6,840.08	10,204.07	7,157.34	97.07	97.67	-115.04	-1,125.83	-3,817.65	749.61	572.16	177.45	4.224		
9,900.00	6,840.16	10,304.07	7,156.92	99.97	100.55	-115.01	-1,125.97	-3,917.65	749.18	566.38	182.80	4.098		
10,000.00	6,840.24	10,404.07	7,156.50	102.88	103.45	-114.99	-1,126.11	-4,017.65	748.75	560.59	188.16	3.979		
10,100.00	6,840.32	10,504.06	7,156.09	105.79	106.34	-114.96	-1,126.25	-4,117.65	748.32	554.80	193.52	3.867		
10,200.00	6,840.40	10,604.06	7,155.67	108.71	109.24	-114.93	-1,126.39	-4,217.64	747.89	549.00	198.90	3.760		
10,300.00	6,840.49	10,704.06	7,155.25	111.63	112.14	-114.90	-1,126.53	-4,317.64	747.46	543.19	204.28	3.659		
10,400.00	6,840.57	10,804.06	7,154.84	114.54	115.05	-114.88	-1,126.66	-4,417.64	747.03	537.37	209.66	3.563		
10,500.00	6,840.65	10,904.06	7,154.42	117.47	117.95	-114.85	-1,126.80	-4,517.64	746.61	531.55	215.06	3.472		
10,600.00	6,840.73	11,004.06	7,154.00	120.39	120.86	-114.82	-1,126.94	-4,617.63	746.18	525.72	220.45	3.385		
10,700.00	6,840.81	11,104.05	7,153.58	123.32	123.78	-114.80	-1,127.08	-4,717.63	745.75	519.89	225.86	3.302		
10,800.00	6,840.89	11,204.05	7,153.17	126.24	126.69	-114.77	-1,127.22	-4,817.63	745.32	514.05	231.27	3.223		
10,900.00	6,840.97	11,304.05	7,152.75	129.17	129.61	-114.74	-1,127.36	-4,917.63	744.89	508.20	236.69	3.147		
11,000.00	6,841.06	11,404.05	7,152.33	132.10	132.53	-114.72	-1,127.50	-5,017.62	744.46	502.35	242.11	3.075		
11,100.00	6,841.14	11,504.05	7,151.92	135.03	135.45	-114.69	-1,127.64	-5,117.62	744.03	496.50	247.53	3.006		
11,200.00	6,841.22	11,604.05	7,151.50	137.97	138.38	-114.66	-1,127.77	-5,217.62	743.61	490.64	252.97	2.940		
11,300.00	6,841.30	11,704.05	7,151.08	140.90	141.30	-114.63	-1,127.91	-5,317.62	743.18	484.78	258.40	2.876		
11,400.00	6,841.38	11,804.04	7,150.66	143.84	144.23	-114.61	-1,128.05	-5,417.61	742.75	478.91	263.84	2.815		
11,500.00	6,841.46	11,904.04	7,150.25	146.77	147.16	-114.58	-1,128.19	-5,517.61	742.32	473.04	269.29	2.757		
11,600.00	6,841.54	12,004.04	7,149.83	149.71	150.09	-114.55	-1,128.33	-5,617.61	741.90	467.16	274.74	2.700		
11,700.00	6,841.63	12,104.04	7,149.41	152.65	153.02	-114.53	-1,128.47	-5,717.61	741.47	461.28	280.19	2.646		
11,800.00	6,841.71	12,204.04	7,149.00	155.59	155.95	-114.50	-1,128.61	-5,817.60	741.04	455.40	285.65	2.594		
11,900.00	6,841.79	12,304.04	7,148.58	158.53	158.88	-114.47	-1,128.75	-5,917.60	740.62	449.51	291.11	2.544		
12,000.00	6,841.87	12,404.03	7,148.16	161.47	161.82	-114.44	-1,128.88	-6,017.60	740.19	443.62	296.57	2.496		
12,100.00	6,841.95	12,504.03	7,147.75	164.41	164.75	-114.42	-1,129.02	-6,117.60	739.76	437.72	302.04	2.449		
12,200.00	6,842.03	12,604.03	7,147.33	167.35	167.69	-114.39	-1,129.16	-6,217.59	739.34	431.82	307.51	2.404		
12,300.00	6,842.11	12,704.03	7,146.91	170.30	170.63	-114.36	-1,129.30	-6,317.59	738.91	425.92	312.99	2.361		
12,400.00	6,842.20	12,804.03	7,146.49	173.24	173.57	-114.33	-1,129.44	-6,417.59	738.48	420.02	318.47	2.319		
12,500.00	6,842.28	12,904.03	7,146.08	176.18	176.51	-114.31	-1,129.58	-6,517.59	738.06	414.11	323.95	2.278		
12,600.00	6,842.36	13,004.03	7,145.66	179.13	179.45	-114.28	-1,129.72	-6,617.58	737.63	408.20	329.43	2.239		
12,700.00	6,842.44	13,104.02	7,145.24	182.07	182.39	-114.25	-1,129.86	-6,717.58	737.21	402.29	334.92	2.201		
12,800.00	6,842.52	13,204.02	7,144.83	185.02	185.33	-114.22	-1,129.99	-6,817.58	736.78	396.37	340.41	2.164		
12,900.00	6,842.60	13,304.02	7,144.41	187.97	188.27	-114.20	-1,130.13	-6,917.58	736.36	390.45	345.91	2.129		
13,000.00	6,842.68	13,404.02	7,143.99	190.91	191.21	-114.17	-1,130.27	-7,017.57	735.93	384.53	351.41	2.094		

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	6,842.77	13,504.02	7,143.57	193.86	194.16	-114.14	-1,130.41	-7,117.57	735.51	378.60	356.91	2.061	
13,200.00	6,842.85	13,604.02	7,143.16	196.81	197.10	-114.11	-1,130.55	-7,217.57	735.08	372.67	362.41	2.028	
13,300.00	6,842.93	13,704.01	7,142.74	199.76	200.04	-114.09	-1,130.69	-7,317.57	734.66	366.74	367.92	1.997	
13,400.00	6,843.01	13,804.01	7,142.32	202.71	202.99	-114.06	-1,130.83	-7,417.56	734.23	360.80	373.43	1.966	
13,500.00	6,843.09	13,904.01	7,141.91	205.66	205.93	-114.03	-1,130.97	-7,517.56	733.81	354.87	378.94	1.936	
13,600.00	6,843.17	14,004.01	7,141.49	208.61	208.88	-114.00	-1,131.10	-7,617.56	733.39	348.93	384.46	1.908	
13,700.00	6,843.25	14,104.01	7,141.07	211.56	211.83	-113.97	-1,131.24	-7,717.56	732.96	342.99	389.98	1.879	
13,800.00	6,843.33	14,204.01	7,140.66	214.51	214.77	-113.95	-1,131.38	-7,817.55	732.54	337.04	395.50	1.852	
13,900.00	6,843.42	14,304.01	7,140.24	217.46	217.72	-113.92	-1,131.52	-7,917.55	732.12	331.09	401.02	1.826	
14,000.00	6,843.50	14,404.00	7,139.82	220.41	220.67	-113.89	-1,131.66	-8,017.55	731.69	325.14	406.55	1.800	
14,100.00	6,843.58	14,504.00	7,139.40	223.36	223.62	-113.86	-1,131.80	-8,117.55	731.27	319.19	412.08	1.775	
14,200.00	6,843.66	14,604.00	7,138.99	226.31	226.57	-113.83	-1,131.94	-8,217.54	730.85	313.23	417.61	1.750	
14,300.00	6,843.74	14,704.00	7,138.57	229.26	229.52	-113.81	-1,132.08	-8,317.54	730.42	307.28	423.15	1.726	
14,400.00	6,843.82	14,804.00	7,138.15	232.21	232.46	-113.78	-1,132.21	-8,417.54	730.00	301.32	428.69	1.703	
14,500.00	6,843.90	14,904.00	7,137.74	235.17	235.41	-113.75	-1,132.35	-8,517.54	729.58	295.35	434.23	1.680	
14,600.00	6,843.99	15,003.99	7,137.32	238.12	238.36	-113.72	-1,132.49	-8,617.53	729.16	289.39	439.77	1.658	
14,700.00	6,844.07	15,103.99	7,136.90	241.07	241.31	-113.69	-1,132.63	-8,717.53	728.74	283.42	445.32	1.636	
14,800.00	6,844.15	15,203.99	7,136.49	244.02	244.27	-113.66	-1,132.77	-8,817.53	728.31	277.45	450.86	1.615	
14,900.00	6,844.23	15,303.99	7,136.07	246.98	247.22	-113.64	-1,132.91	-8,917.53	727.89	271.48	456.41	1.595	
15,000.00	6,844.31	15,403.99	7,135.65	249.93	250.17	-113.61	-1,133.05	-9,017.52	727.47	265.50	461.97	1.575	
15,100.00	6,844.39	15,503.99	7,135.23	252.88	253.12	-113.58	-1,133.19	-9,117.52	727.05	259.53	467.52	1.555	
15,200.00	6,844.47	15,603.99	7,134.82	255.84	256.07	-113.55	-1,133.32	-9,217.52	726.63	253.55	473.08	1.536	
15,300.00	6,844.56	15,703.98	7,134.40	258.79	259.02	-113.52	-1,133.46	-9,317.52	726.21	247.56	478.64	1.517	
15,400.00	6,844.64	15,803.98	7,133.98	261.75	261.98	-113.49	-1,133.60	-9,417.51	725.79	241.58	484.21	1.499 Level 3	
15,500.00	6,844.72	15,903.98	7,133.57	264.70	264.93	-113.47	-1,133.74	-9,517.51	725.37	235.59	489.77	1.481 Level 3	
15,600.00	6,844.80	16,003.98	7,133.15	267.66	267.88	-113.44	-1,133.88	-9,617.51	724.95	229.61	495.34	1.464 Level 3	
15,700.00	6,844.88	16,103.98	7,132.73	270.61	270.83	-113.41	-1,134.02	-9,717.51	724.53	223.61	500.91	1.446 Level 3	
15,800.00	6,844.96	16,203.98	7,132.31	273.56	273.79	-113.38	-1,134.16	-9,817.50	724.11	217.62	506.49	1.430 Level 3	
15,900.00	6,845.04	16,303.97	7,131.90	276.52	276.74	-113.35	-1,134.30	-9,917.50	723.69	211.63	512.06	1.413 Level 3	
16,000.00	6,845.13	16,403.97	7,131.48	279.48	279.69	-113.32	-1,134.43	-10,017.50	723.27	205.63	517.64	1.397 Level 3	
16,100.00	6,845.21	16,503.97	7,131.06	282.43	282.65	-113.29	-1,134.57	-10,117.50	722.85	199.63	523.22	1.382 Level 3	
16,200.00	6,845.29	16,603.97	7,130.65	285.39	285.60	-113.27	-1,134.71	-10,217.49	722.43	193.63	528.80	1.366 Level 3	
16,300.00	6,845.37	16,703.97	7,130.23	288.34	288.56	-113.24	-1,134.85	-10,317.49	722.01	187.62	534.39	1.351 Level 3	
16,400.00	6,845.45	16,803.97	7,129.81	291.30	291.51	-113.21	-1,134.99	-10,417.49	721.59	181.62	539.98	1.336 Level 3	
16,500.00	6,845.53	16,903.97	7,129.40	294.25	294.46	-113.18	-1,135.13	-10,517.49	721.17	175.61	545.57	1.322 Level 3	
16,600.00	6,845.61	17,003.96	7,128.98	297.21	297.42	-113.15	-1,135.27	-10,617.48	720.75	169.60	551.16	1.308 Level 3	
16,700.00	6,845.70	17,103.96	7,128.56	300.17	300.37	-113.12	-1,135.40	-10,717.48	720.34	163.58	556.75	1.294 Level 3	
16,800.00	6,845.78	17,203.96	7,128.14	303.12	303.33	-113.09	-1,135.54	-10,817.48	719.92	157.57	562.35	1.280 Level 3	
16,900.00	6,845.86	17,303.96	7,127.73	306.08	306.28	-113.06	-1,135.68	-10,917.48	719.50	151.55	567.95	1.267 Level 3	
17,000.00	6,845.94	17,403.96	7,127.31	309.03	309.24	-113.03	-1,135.82	-11,017.47	719.08	145.53	573.55	1.254 Level 3	
17,074.59	6,846.00	17,478.54	7,127.00	311.24	311.44	-113.01	-1,135.92	-11,092.06	718.77	141.04	577.73	1.244 Level 2, SF	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-12-M - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
8,000.00	6,838.61	9,761.99	7,222.26	46.04	77.87	-108.95	-1,574.47	-2,018.92	1,199.70	1,081.52	118.18	10.152		
8,100.00	6,838.70	9,861.95	7,219.47	48.74	80.75	-108.82	-1,575.29	-2,118.83	1,199.18	1,075.60	123.58	9.704		
8,200.00	6,838.78	9,961.91	7,216.69	51.48	83.64	-108.68	-1,576.10	-2,218.75	1,198.67	1,069.65	129.02	9.291		
8,300.00	6,838.86	10,061.86	7,213.90	54.23	86.53	-108.54	-1,576.91	-2,318.66	1,198.16	1,063.67	134.50	8.908		
8,400.00	6,838.94	10,161.82	7,211.12	57.01	89.43	-108.41	-1,577.73	-2,418.58	1,197.66	1,057.66	140.01	8.554		
8,500.00	6,839.02	10,261.78	7,208.33	59.81	92.32	-108.27	-1,578.54	-2,518.50	1,197.17	1,051.63	145.54	8.226		
8,600.00	6,839.10	10,361.74	7,205.55	62.62	95.23	-108.13	-1,579.35	-2,618.41	1,196.69	1,045.58	151.10	7.920		
8,700.00	6,839.18	10,461.70	7,202.76	65.44	98.13	-108.00	-1,580.16	-2,718.33	1,196.21	1,039.52	156.69	7.634		
8,800.00	6,839.27	10,561.65	7,199.98	68.28	101.04	-107.86	-1,580.98	-2,818.24	1,195.74	1,033.44	162.30	7.368		
8,900.00	6,839.35	10,661.61	7,197.20	71.13	103.96	-107.72	-1,581.79	-2,918.16	1,195.27	1,027.35	167.92	7.118		
9,000.00	6,839.43	10,761.57	7,194.41	73.99	106.87	-107.59	-1,582.60	-3,018.08	1,194.82	1,021.25	173.57	6.884		
9,100.00	6,839.51	10,861.53	7,191.63	76.85	109.79	-107.45	-1,583.41	-3,117.99	1,194.36	1,015.14	179.23	6.664		
9,200.00	6,839.59	10,961.48	7,188.84	79.72	112.71	-107.31	-1,584.23	-3,217.91	1,193.92	1,009.02	184.91	6.457		
9,300.00	6,839.67	11,061.44	7,186.06	82.60	115.63	-107.17	-1,585.04	-3,317.82	1,193.48	1,002.89	190.60	6.262		
9,400.00	6,839.75	11,161.40	7,183.27	85.48	118.55	-107.04	-1,585.85	-3,417.74	1,193.05	996.75	196.30	6.078		
9,500.00	6,839.83	11,261.36	7,180.49	88.37	121.47	-106.90	-1,586.66	-3,517.65	1,192.63	990.61	202.02	5.903		
9,600.00	6,839.92	11,361.32	7,177.70	91.27	124.40	-106.76	-1,587.48	-3,617.57	1,192.21	984.46	207.75	5.739		
9,700.00	6,840.00	11,461.27	7,174.92	94.16	127.33	-106.62	-1,588.29	-3,717.49	1,191.81	978.31	213.50	5.582		
9,800.00	6,840.08	11,561.23	7,172.14	97.07	130.26	-106.48	-1,589.10	-3,817.40	1,191.40	972.15	219.25	5.434		
9,900.00	6,840.16	11,661.19	7,169.35	99.97	133.19	-106.35	-1,589.92	-3,917.32	1,191.01	965.99	225.02	5.293		
10,000.00	6,840.24	11,761.15	7,166.57	102.88	136.12	-106.21	-1,590.73	-4,017.23	1,190.62	959.82	230.80	5.159		
10,100.00	6,840.32	11,861.11	7,163.78	105.79	139.05	-106.07	-1,591.54	-4,117.15	1,190.24	953.66	236.58	5.031		
10,200.00	6,840.40	11,961.06	7,161.00	108.71	141.99	-105.93	-1,592.35	-4,217.07	1,189.86	947.48	242.38	4.909		
10,300.00	6,840.49	12,061.02	7,158.21	111.63	144.92	-105.79	-1,593.17	-4,316.98	1,189.49	941.31	248.18	4.793		
10,400.00	6,840.57	12,160.98	7,155.43	114.54	147.86	-105.65	-1,593.98	-4,416.90	1,189.13	935.14	254.00	4.682		
10,500.00	6,840.65	12,260.94	7,152.64	117.47	150.79	-105.52	-1,594.79	-4,516.81	1,188.78	928.96	259.82	4.575		
10,600.00	6,840.73	12,360.90	7,149.86	120.39	153.73	-105.38	-1,595.60	-4,616.73	1,188.43	922.78	265.65	4.474		
10,700.00	6,840.81	12,460.85	7,147.08	123.32	156.67	-105.24	-1,596.42	-4,716.65	1,188.09	916.60	271.49	4.376		
10,800.00	6,840.89	12,560.81	7,144.29	126.24	159.61	-105.10	-1,597.23	-4,816.56	1,187.76	910.42	277.34	4.283		
10,900.00	6,840.97	12,660.77	7,141.51	129.17	162.55	-104.96	-1,598.04	-4,916.48	1,187.43	904.24	283.19	4.193		
11,000.00	6,841.06	12,760.73	7,138.72	132.10	165.49	-104.82	-1,598.85	-5,016.39	1,187.12	898.06	289.06	4.107		
11,100.00	6,841.14	12,860.69	7,135.94	135.03	168.43	-104.68	-1,599.67	-5,116.31	1,186.80	891.88	294.92	4.024		
11,200.00	6,841.22	12,960.64	7,133.15	137.97	171.37	-104.54	-1,600.48	-5,216.22	1,186.50	885.70	300.80	3.944		
11,300.00	6,841.30	13,060.60	7,130.37	140.90	174.31	-104.40	-1,601.29	-5,316.14	1,186.20	879.52	306.68	3.868		
11,400.00	6,841.38	13,160.56	7,127.58	143.84	177.25	-104.26	-1,602.10	-5,416.06	1,185.91	873.34	312.57	3.794		
11,500.00	6,841.46	13,260.52	7,124.80	146.77	180.20	-104.12	-1,602.92	-5,515.97	1,185.63	867.16	318.47	3.723		
11,600.00	6,841.54	13,360.48	7,122.01	149.71	183.14	-103.99	-1,603.73	-5,615.89	1,185.35	860.98	324.37	3.654		
11,700.00	6,841.63	13,460.43	7,119.23	152.65	186.08	-103.85	-1,604.54	-5,715.80	1,185.08	854.80	330.28	3.588		
11,800.00	6,841.71	13,560.39	7,116.45	155.59	189.03	-103.71	-1,605.36	-5,815.72	1,184.82	848.62	336.19	3.524		
11,820.67	6,841.72	13,581.06	7,115.87	156.20	189.64	-103.68	-1,605.52	-5,836.37	1,184.76	847.35	337.42	3.511	CC, ES	
11,900.00	6,841.79	13,576.39	7,116.00	158.53	189.50	-103.68	-1,605.49	-5,831.71	1,187.53	848.41	339.12	3.502	SF	
12,000.00	6,841.87	13,576.39	7,116.00	161.47	189.50	-103.68	-1,605.49	-5,831.71	1,198.51	859.19	339.31	3.532		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-40.06	-0.28	40.07					
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-40.06	-0.28	40.07	32.54	7.53	5.323		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.06	-0.28	40.07	32.50	7.57	5.294		
276.64	276.63	276.35	276.35	3.33	3.33	-58.11	-40.16	-0.36	39.89	32.26	7.63	5.229 CC		
300.00	300.00	299.46	299.46	3.34	3.34	-57.73	-40.39	-0.55	40.17	32.52	7.65	5.251		
400.00	399.93	398.38	398.32	3.40	3.40	-58.77	-43.02	-2.73	40.98	33.22	7.76	5.283		
500.00	499.68	497.28	496.97	3.48	3.48	-60.72	-48.27	-7.09	42.63	34.73	7.91	5.393		
600.00	599.13	596.13	595.29	3.59	3.58	-63.36	-56.13	-13.62	45.21	37.10	8.11	5.577		
700.00	698.32	694.92	693.13	3.73	3.72	-65.15	-66.59	-22.30	49.28	40.92	8.36	5.895		
800.00	797.51	805.46	791.46	3.90	3.91	-64.93	-78.89	-32.52	54.93	46.24	8.69	6.319		
900.00	896.70	894.37	889.99	4.08	4.09	-64.70	-91.27	-42.79	60.63	51.59	9.04	6.710		
1,000.00	995.89	1,005.79	988.52	4.29	4.35	-64.52	-103.64	-53.06	66.33	56.86	9.46	7.011		
1,100.00	1,095.08	1,105.95	1,087.06	4.52	4.60	-64.36	-116.02	-63.33	72.02	62.13	9.90	7.277		
1,200.00	1,194.27	1,206.12	1,185.59	4.76	4.87	-64.22	-128.39	-73.61	77.72	67.36	10.36	7.501		
1,300.00	1,293.46	1,306.28	1,284.12	5.01	5.15	-64.11	-140.76	-83.88	83.42	72.57	10.85	7.688		
1,400.00	1,392.65	1,406.44	1,382.66	5.27	5.44	-64.01	-153.14	-94.15	89.12	77.76	11.36	7.845		
1,500.00	1,491.84	1,506.60	1,481.19	5.54	5.74	-63.92	-165.51	-104.43	94.82	82.93	11.89	7.976		
1,600.00	1,591.03	1,606.77	1,579.73	5.82	6.06	-63.84	-177.89	-114.70	100.52	88.08	12.43	8.085		
1,700.00	1,690.22	1,706.93	1,678.26	6.11	6.37	-63.77	-190.26	-124.97	106.22	93.24	12.98	8.183		
1,800.00	1,789.41	1,807.09	1,776.79	6.26	6.53	-63.71	-202.63	-135.25	111.91	99.03	12.89	8.684		
1,900.00	1,888.60	1,892.75	1,875.33	6.29	6.57	-63.65	-215.01	-145.52	117.61	104.67	12.94	9.088		
2,000.00	1,987.79	2,007.42	1,973.86	6.34	6.64	-63.60	-227.38	-155.79	123.31	110.27	13.04	9.455		
2,100.00	2,086.98	2,107.58	2,072.39	6.41	6.73	-63.55	-239.75	-166.06	129.01	115.84	13.17	9.793		
2,200.00	2,186.17	2,207.74	2,170.93	6.50	6.83	-63.51	-252.13	-176.34	134.71	121.37	13.34	10.098		
2,300.00	2,285.36	2,292.10	2,269.46	6.60	6.94	-63.47	-264.50	-186.61	140.41	126.89	13.52	10.383		
2,400.00	2,384.54	2,408.07	2,367.99	6.72	7.10	-63.43	-276.88	-196.88	146.11	132.34	13.77	10.610		
2,500.00	2,483.73	2,508.23	2,466.53	6.86	7.26	-63.40	-289.25	-207.16	151.81	137.78	14.03	10.819		
2,600.00	2,582.92	2,608.39	2,565.06	7.01	7.44	-63.37	-301.62	-217.43	157.51	143.19	14.32	10.998		
2,700.00	2,682.11	2,708.55	2,663.59	7.17	7.63	-63.34	-314.00	-227.70	163.21	148.58	14.64	11.150		
2,800.00	2,781.30	2,808.72	2,762.13	7.35	7.84	-63.31	-326.37	-237.98	168.91	153.93	14.98	11.276		
2,900.00	2,880.49	2,908.88	2,860.66	7.54	8.06	-63.28	-338.75	-248.25	174.61	159.27	15.34	11.380		
3,000.00	2,979.68	2,990.96	2,959.19	7.73	8.24	-63.26	-351.12	-258.52	180.31	164.62	15.69	11.491		
3,100.00	3,078.87	3,109.21	3,057.73	7.94	8.53	-63.24	-363.49	-268.79	186.01	169.88	16.13	11.529		
3,200.00	3,178.06	3,209.37	3,156.26	8.16	8.78	-63.22	-375.87	-279.07	191.71	175.16	16.56	11.579		
3,300.00	3,277.25	3,309.53	3,254.80	8.39	9.04	-63.20	-388.24	-289.34	197.42	180.42	17.00	11.614		
3,400.00	3,376.44	3,409.69	3,353.33	8.62	9.31	-63.18	-400.61	-299.61	203.12	185.66	17.45	11.637		
3,500.00	3,475.63	3,509.86	3,451.86	8.86	9.58	-63.16	-412.99	-309.89	208.82	190.89	17.92	11.650		
3,600.00	3,574.82	3,589.98	3,550.40	9.11	9.81	-63.14	-425.36	-320.16	214.52	196.16	18.36	11.685		
3,700.00	3,674.01	3,689.82	3,648.93	9.36	10.09	-63.13	-437.74	-330.43	220.22	201.37	18.85	11.682		
3,800.00	3,773.20	3,789.66	3,747.46	9.62	10.39	-63.11	-450.11	-340.71	225.92	206.56	19.36	11.671		
3,900.00	3,872.39	3,889.49	3,846.00	9.89	10.69	-63.10	-462.48	-350.98	231.62	211.75	19.87	11.656		
4,000.00	3,971.58	3,989.33	3,944.53	10.16	10.99	-63.09	-474.86	-361.25	237.32	216.92	20.40	11.635		
4,100.00	4,070.77	4,089.17	4,043.06	10.43	11.30	-63.07	-487.23	-371.52	243.02	222.09	20.93	11.611		
4,200.00	4,169.95	4,189.01	4,141.60	10.71	11.61	-63.06	-499.61	-381.80	248.72	227.25	21.47	11.584		
4,300.00	4,269.14	4,288.84	4,240.13	10.99	11.93	-63.05	-511.98	-392.07	254.42	232.40	22.02	11.554		
4,400.00	4,368.33	4,388.68	4,338.66	11.28	12.25	-63.04	-524.35	-402.34	260.12	237.54	22.58	11.521		
4,500.00	4,467.52	4,488.52	4,437.20	11.57	12.57	-63.03	-536.73	-412.62	265.82	242.68	23.14	11.488		
4,600.00	4,566.71	4,588.36	4,535.73	11.86	12.89	-63.02	-549.10	-422.89	271.52	247.81	23.71	11.453		
4,700.00	4,665.90	4,688.19	4,634.26	12.15	13.22	-63.01	-561.48	-433.16	277.22	252.94	24.28	11.416		
4,800.00	4,765.09	4,788.03	4,732.80	12.45	13.56	-63.00	-573.85	-443.43	282.92	258.06	24.86	11.380		
4,900.00	4,864.28	4,887.87	4,831.33	12.75	13.89	-62.99	-586.22	-453.71	288.62	263.18	25.45	11.343		
5,000.00	4,963.47	4,987.71	4,929.87	13.05	14.23	-62.98	-598.60	-463.98	294.32	268.29	26.03	11.305		
5,100.00	5,062.66	5,087.54	5,028.40	13.36	14.56	-62.97	-610.97	-474.25	300.02	273.40	26.63	11.268		
5,200.00	5,161.85	5,187.38	5,126.93	13.66	14.90	-62.96	-623.34	-484.53	305.72	278.50	27.22	11.230		
5,300.00	5,261.04	5,287.22	5,225.47	13.97	15.25	-62.95	-635.72	-494.80	311.42	283.60	27.82	11.193		
5,400.00	5,360.23	5,387.05	5,324.00	14.28	15.59	-62.95	-648.09	-505.07	317.12	288.70	28.43	11.156		
5,500.00	5,459.42	5,486.89	5,422.53	14.59	15.94	-62.94	-660.47	-515.35	322.83	293.79	29.03	11.119		
5,600.00	5,558.61	5,586.73	5,521.07	14.91	16.28	-62.93	-672.84	-525.62	328.53	298.88	29.64	11.082		
5,700.00	5,657.80	5,686.57	5,619.60	15.22	16.63	-62.92	-685.21	-535.89	334.23	303.97	30.26	11.046		
5,800.00	5,756.99	5,786.40	5,718.13	15.53	16.98	-62.92	-697.59	-546.16	339.93	309.06	30.87	11.011		
5,900.00	5,856.18	5,886.24	5,816.67	15.85	17.33	-62.91	-709.96	-556.44	345.63	314.14	31.49	10.976		
6,000.00	5,955.36	5,986.08	5,915.20	16.17	17.69	-62.91	-722.34	-566.71	351.33	319.22	32.11	10.942		
6,100.00	6,054.55	6,085.92	6,013.73	16.49	18.04	-62.90	-734.71	-576.98	357.03	324.30	32.73	10.908		
6,200.00	6,153.74	6,185.75	6,112.27	16.81	18.39	-62.89	-747.08	-587.26	362.73	329.37	33.36	10.875		
6,300.00	6,252.93	6,285.59	6,210.80	17.13	18.75	-62.89	-759.46	-597.53	368.43	334.45	33.98	10.842		
6,400.00	6,351.34	6,385.18	6,309.09	17.48	19.11	-79.11	-771.80	-607.78	374.59	339.87	34.72	10.789		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft				
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft				
Reference		Offset		Semi Major Axis		Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,446.12	6,482.71	6,405.35	17.95	19.45	-87.46	-783.89	-617.81	382.72	346.92	35.80	10.689		
6,600.00	6,534.91	6,578.53	6,499.89	18.55	19.80	-93.90	-795.76	-627.94	394.87	357.65	37.23	10.607		
6,700.00	6,615.53	6,690.46	6,608.12	19.31	20.25	-99.93	-809.43	-652.33	410.76	371.88	38.89	10.563		
6,800.00	6,685.98	6,812.77	6,719.51	20.26	20.89	-104.99	-823.61	-700.32	428.32	387.69	40.63	10.542		
6,900.00	6,744.53	6,947.04	6,828.81	21.45	21.79	-109.22	-837.69	-776.59	445.85	403.44	42.40	10.515		
7,000.00	6,789.75	7,094.05	6,927.36	22.91	23.09	-112.55	-850.59	-884.47	461.38	417.12	44.25	10.426		
7,100.00	6,820.51	7,252.88	7,003.22	24.63	25.01	-114.85	-860.82	-1,023.17	472.90	426.54	46.36	10.200		
7,200.00	6,836.06	7,420.01	7,043.74	26.56	27.68	-115.93	-866.76	-1,184.71	478.74	429.72	49.02	9.766		
7,300.00	6,838.04	7,551.64	7,047.75	28.64	30.16	-115.95	-867.97	-1,316.17	479.15	426.60	52.55	9.118		
7,400.00	6,838.13	7,651.64	7,047.29	30.86	32.23	-115.89	-868.45	-1,416.17	479.00	422.45	56.56	8.469		
7,500.00	6,838.21	7,751.64	7,046.83	33.21	34.44	-115.83	-868.94	-1,516.16	478.86	418.07	60.79	7.877		
7,600.00	6,838.29	7,851.64	7,046.38	35.65	36.77	-115.76	-869.42	-1,616.16	478.72	413.51	65.21	7.341		
7,700.00	6,838.37	7,951.64	7,045.92	38.16	39.19	-115.70	-869.90	-1,716.16	478.58	408.80	69.77	6.859		
7,800.00	6,838.45	8,051.64	7,045.46	40.74	41.69	-115.64	-870.38	-1,816.15	478.44	403.98	74.46	6.425		
7,900.00	6,838.53	8,151.63	7,045.00	43.37	44.24	-115.57	-870.87	-1,916.15	478.29	399.05	79.25	6.036		
8,000.00	6,838.61	8,251.63	7,044.54	46.04	46.85	-115.51	-871.35	-2,016.15	478.15	394.04	84.12	5.684		
8,100.00	6,838.70	8,351.63	7,044.09	48.74	49.50	-115.45	-871.83	-2,116.14	478.01	388.95	89.06	5.367		
8,200.00	6,838.78	8,451.63	7,043.63	51.48	52.18	-115.38	-872.31	-2,216.14	477.87	383.81	94.06	5.080		
8,300.00	6,838.86	8,551.63	7,043.17	54.23	54.90	-115.32	-872.80	-2,316.14	477.74	378.62	99.12	4.820		
8,400.00	6,838.94	8,651.63	7,042.71	57.01	57.64	-115.26	-873.28	-2,416.13	477.60	373.38	104.22	4.583		
8,500.00	6,839.02	8,751.62	7,042.26	59.81	60.40	-115.19	-873.76	-2,516.13	477.46	368.10	109.36	4.366		
8,600.00	6,839.10	8,851.62	7,041.80	62.62	63.18	-115.13	-874.25	-2,616.12	477.32	362.78	114.54	4.167		
8,700.00	6,839.18	8,951.62	7,041.34	65.44	65.98	-115.06	-874.73	-2,716.12	477.19	357.44	119.75	3.985		
8,800.00	6,839.27	9,051.62	7,040.88	68.28	68.79	-115.00	-875.21	-2,816.12	477.05	352.07	124.99	3.817		
8,900.00	6,839.35	9,151.62	7,040.42	71.13	71.62	-114.94	-875.69	-2,916.11	476.92	346.67	130.25	3.662		
9,000.00	6,839.43	9,251.62	7,039.97	73.99	74.45	-114.87	-876.18	-3,016.11	476.78	341.25	135.53	3.518		
9,100.00	6,839.51	9,351.62	7,039.51	76.85	77.30	-114.81	-876.66	-3,116.11	476.65	335.81	140.84	3.384		
9,200.00	6,839.59	9,451.61	7,039.05	79.72	80.15	-114.75	-877.14	-3,216.10	476.51	330.35	146.16	3.260		
9,300.00	6,839.67	9,551.61	7,038.59	82.60	83.01	-114.68	-877.62	-3,316.10	476.38	324.88	151.50	3.144		
9,400.00	6,839.75	9,651.61	7,038.14	85.48	85.88	-114.62	-878.11	-3,416.09	476.25	319.39	156.86	3.036		
9,500.00	6,839.83	9,751.61	7,037.68	88.37	88.75	-114.55	-878.59	-3,516.09	476.12	313.88	162.24	2.935		
9,600.00	6,839.92	9,851.61	7,037.22	91.27	91.63	-114.49	-879.07	-3,616.09	475.99	308.37	167.62	2.840		
9,700.00	6,840.00	9,951.61	7,036.76	94.16	94.52	-114.42	-879.56	-3,716.08	475.86	302.83	173.02	2.750		
9,800.00	6,840.08	10,051.61	7,036.31	97.07	97.41	-114.36	-880.04	-3,816.08	475.73	297.29	178.44	2.666		
9,900.00	6,840.16	10,151.60	7,035.85	99.97	100.30	-114.30	-880.52	-3,916.08	475.60	291.74	183.86	2.587		
10,000.00	6,840.24	10,251.60	7,035.39	102.88	103.20	-114.23	-881.00	-4,016.07	475.47	286.17	189.30	2.512		
10,100.00	6,840.32	10,351.60	7,034.93	105.79	106.11	-114.17	-881.49	-4,116.07	475.34	280.60	194.74	2.441		
10,200.00	6,840.40	10,451.60	7,034.47	108.71	109.01	-114.10	-881.97	-4,216.06	475.21	275.01	200.20	2.374		
10,300.00	6,840.49	10,551.60	7,034.02	111.63	111.92	-114.04	-882.45	-4,316.06	475.09	269.42	205.67	2.310		
10,400.00	6,840.57	10,651.60	7,033.56	114.54	114.83	-113.97	-882.93	-4,416.06	474.96	263.82	211.14	2.249		
10,500.00	6,840.65	10,751.59	7,033.10	117.47	117.74	-113.91	-883.42	-4,516.05	474.84	258.21	216.63	2.192		
10,600.00	6,840.73	10,851.59	7,032.64	120.39	120.66	-113.85	-883.90	-4,616.05	474.71	252.59	222.12	2.137		
10,700.00	6,840.81	10,951.59	7,032.19	123.32	123.58	-113.78	-884.38	-4,716.05	474.59	246.96	227.62	2.085		
10,800.00	6,840.89	11,051.59	7,031.73	126.24	126.50	-113.72	-884.86	-4,816.04	474.46	241.33	233.13	2.035		
10,900.00	6,840.97	11,151.59	7,031.27	129.17	129.42	-113.65	-885.35	-4,916.04	474.34	235.69	238.65	1.988		
11,000.00	6,841.06	11,251.59	7,030.81	132.10	132.34	-113.59	-885.83	-5,016.03	474.22	230.04	244.18	1.942		
11,100.00	6,841.14	11,351.59	7,030.35	135.03	135.27	-113.52	-886.31	-5,116.03	474.10	224.39	249.71	1.899		
11,200.00	6,841.22	11,451.58	7,029.90	137.97	138.20	-113.46	-886.80	-5,216.03	473.97	218.72	255.25	1.857		
11,300.00	6,841.30	11,551.58	7,029.44	140.90	141.13	-113.39	-887.28	-5,316.02	473.85	213.06	260.80	1.817		
11,400.00	6,841.38	11,651.58	7,028.98	143.84	144.06	-113.33	-887.76	-5,416.02	473.73	207.38	266.35	1.779		
11,500.00	6,841.46	11,751.58	7,028.52	146.77	146.99	-113.26	-888.24	-5,516.02	473.61	201.70	271.91	1.742		
11,600.00	6,841.54	11,851.58	7,028.07	149.71	149.92	-113.20	-888.73	-5,616.01	473.50	196.02	277.48	1.706		
11,700.00	6,841.63	11,951.58	7,027.61	152.65	152.85	-113.13	-889.21	-5,716.01	473.38	190.33	283.05	1.672		
11,800.00	6,841.71	12,051.58	7,027.15	155.59	155.79	-113.07	-889.69	-5,816.01	473.26	184.63	288.63	1.640		
11,900.00	6,841.79	12,151.57	7,026.69	158.53	158.73	-113.00	-890.17	-5,916.00	473.14	178.93	294.22	1.608		
12,000.00	6,841.87	12,251.57	7,026.24	161.47	161.66	-112.94	-890.66	-6,016.00	473.03	173.22	299.81	1.578		
12,100.00	6,841.95	12,351.57	7,025.78	164.41	164.60	-112.87	-891.14	-6,115.99	472.91	167.51	305.40	1.548		
12,200.00	6,842.03	12,451.57	7,025.32	167.35	167.54	-112.81	-891.62	-6,215.99	472.79	161.79	311.01	1.520		
12,300.00	6,842.11	12,551.57	7,024.86	170.30	170.48	-112.74	-892.11	-6,315.99	472.68	156.06	316.62	1.493 Level 3		
12,400.00	6,842.20	12,651.57	7,024.40	173.24	173.42	-112.68	-892.59	-6,415.98	472.57	150.33	322.23	1.467 Level 3		
12,500.00	6,842.28	12,751.56	7,023.95	176.18	176.36	-112.61	-893.07	-6,515.98	472.45	144.60	327.85	1.441 Level 3		
12,600.00	6,842.36	12,851.56	7,023.49	179.13	179.30	-112.55	-893.55	-6,615.98	472.34	138.86	333.48	1.416 Level 3		
12,700.00	6,842.44	12,951.56	7,023.03	182.07	182.24	-112.48	-894.04	-6,715.97	472.23	133.12	339.11	1.393 Level 3		
12,800.00	6,842.52	13,051.56	7,022.57	185.02	185.19	-112.42	-894.52	-6,815.97	472.12	127.37	344.75	1.369 Level 3		
12,900.00	6,842.60	13,151.56	7,022.12	187.97	188.13	-112.35	-895.00	-6,915.96	472.00	121.62	350.39	1.347 Level 3		
13,000.00	6,842.68	13,251.56	7,021.66	190.91	191.07	-112.29	-895.48	-7,015.96	471.89	115.86	356.03	1.325 Level 3		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
13,100.00	6,842.77	13,351.56	7,021.20	193.86	194.02	-112.22	-895.97	-7,115.96	471.78	110.10	361.69	1.304	Level 3
13,200.00	6,842.85	13,451.55	7,020.74	196.81	196.96	-112.16	-896.45	-7,215.95	471.68	104.33	367.34	1.284	Level 3
13,300.00	6,842.93	13,551.55	7,020.28	199.76	199.91	-112.09	-896.93	-7,315.95	471.57	98.56	373.01	1.264	Level 3
13,400.00	6,843.01	13,651.55	7,019.83	202.71	202.85	-112.03	-897.41	-7,415.95	471.46	92.78	378.67	1.245	Level 2
13,500.00	6,843.09	13,751.55	7,019.37	205.66	205.80	-111.96	-897.90	-7,515.94	471.35	87.01	384.35	1.226	Level 2
13,600.00	6,843.17	13,851.55	7,018.91	208.61	208.75	-111.90	-898.38	-7,615.94	471.25	81.22	390.02	1.208	Level 2
13,700.00	6,843.25	13,951.55	7,018.45	211.56	211.70	-111.83	-898.86	-7,715.93	471.14	75.43	395.71	1.191	Level 2
13,800.00	6,843.33	14,051.55	7,018.00	214.51	214.64	-111.77	-899.35	-7,815.93	471.03	69.64	401.39	1.173	Level 2
13,900.00	6,843.42	14,151.54	7,017.54	217.46	217.59	-111.70	-899.83	-7,915.93	470.93	63.84	407.08	1.157	Level 2
14,000.00	6,843.50	14,251.54	7,017.08	220.41	220.54	-111.63	-900.31	-8,015.92	470.82	58.04	412.78	1.141	Level 2
14,100.00	6,843.58	14,351.54	7,016.62	223.36	223.49	-111.57	-900.79	-8,115.92	470.72	52.24	418.48	1.125	Level 2
14,200.00	6,843.66	14,451.54	7,016.17	226.31	226.44	-111.50	-901.28	-8,215.92	470.62	46.43	424.19	1.109	Level 2
14,300.00	6,843.74	14,551.54	7,015.71	229.26	229.39	-111.44	-901.76	-8,315.91	470.52	40.62	429.90	1.094	Level 2
14,400.00	6,843.82	14,651.54	7,015.25	232.21	232.34	-111.37	-902.24	-8,415.91	470.41	34.80	435.61	1.080	Level 2
14,500.00	6,843.90	14,751.53	7,014.79	235.17	235.29	-111.31	-902.72	-8,515.90	470.31	28.98	441.33	1.066	Level 2
14,600.00	6,843.99	14,851.53	7,014.33	238.12	238.24	-111.24	-903.21	-8,615.90	470.21	23.16	447.06	1.052	Level 2
14,700.00	6,844.07	14,951.53	7,013.88	241.07	241.19	-111.17	-903.69	-8,715.90	470.11	17.33	452.78	1.038	Level 2
14,800.00	6,844.15	15,051.53	7,013.42	244.02	244.14	-111.11	-904.17	-8,815.89	470.01	11.50	458.52	1.025	Level 2
14,900.00	6,844.23	15,151.53	7,012.96	246.98	247.09	-111.04	-904.66	-8,915.89	469.91	5.66	464.25	1.012	Level 2
15,000.00	6,844.31	15,251.53	7,012.50	249.93	250.04	-110.98	-905.14	-9,015.89	469.82	-0.18	470.00	1.000	Level 1
15,100.00	6,844.39	15,351.53	7,012.05	252.88	252.99	-110.91	-905.62	-9,115.88	469.72	-6.02	475.74	0.987	Level 1
15,200.00	6,844.47	15,451.52	7,011.59	255.84	255.95	-110.85	-906.10	-9,215.88	469.62	-11.87	481.49	0.975	Level 1
15,300.00	6,844.56	15,551.52	7,011.13	258.79	258.90	-110.78	-906.59	-9,315.88	469.53	-17.72	487.25	0.964	Level 1
15,400.00	6,844.64	15,651.52	7,010.67	261.75	261.85	-110.71	-907.07	-9,415.87	469.43	-23.57	493.00	0.952	Level 1
15,500.00	6,844.72	15,751.52	7,010.21	264.70	264.80	-110.65	-907.55	-9,515.87	469.34	-29.43	498.77	0.941	Level 1
15,600.00	6,844.80	15,851.52	7,009.76	267.66	267.76	-110.58	-908.03	-9,615.86	469.24	-35.29	504.53	0.930	Level 1
15,700.00	6,844.88	15,951.52	7,009.30	270.61	270.71	-110.52	-908.52	-9,715.86	469.15	-41.16	510.30	0.919	Level 1
15,800.00	6,844.96	16,051.52	7,008.84	273.56	273.66	-110.45	-909.00	-9,815.86	469.05	-47.03	516.08	0.909	Level 1
15,900.00	6,845.04	16,151.51	7,008.38	276.52	276.62	-110.38	-909.48	-9,915.85	468.96	-52.90	521.86	0.899	Level 1
16,000.00	6,845.13	16,251.51	7,007.93	279.48	279.57	-110.32	-909.96	-10,015.85	468.87	-58.77	527.64	0.889	Level 1
16,100.00	6,845.21	16,351.51	7,007.47	282.43	282.52	-110.25	-910.45	-10,115.85	468.78	-64.65	533.43	0.879	Level 1
16,200.00	6,845.29	16,451.51	7,007.01	285.39	285.48	-110.19	-910.93	-10,215.84	468.69	-70.53	539.22	0.869	Level 1
16,300.00	6,845.37	16,551.51	7,006.55	288.34	288.43	-110.12	-911.41	-10,315.84	468.60	-76.42	545.01	0.860	Level 1
16,400.00	6,845.45	16,651.51	7,006.10	291.30	291.39	-110.05	-911.90	-10,415.83	468.51	-82.30	550.81	0.851	Level 1
16,500.00	6,845.53	16,751.50	7,005.64	294.25	294.34	-109.99	-912.38	-10,515.83	468.42	-88.20	556.62	0.842	Level 1
16,600.00	6,845.61	16,851.50	7,005.18	297.21	297.30	-109.92	-912.86	-10,615.83	468.33	-94.09	562.42	0.833	Level 1
16,700.00	6,845.70	16,951.50	7,004.72	300.17	300.25	-109.85	-913.34	-10,715.82	468.24	-99.99	568.23	0.824	Level 1
16,800.00	6,845.78	17,051.50	7,004.26	303.12	303.20	-109.79	-913.83	-10,815.82	468.16	-105.89	574.05	0.816	Level 1
16,900.00	6,845.86	17,151.50	7,003.81	306.08	306.16	-109.72	-914.31	-10,915.82	468.07	-111.79	579.87	0.807	Level 1
17,000.00	6,845.94	17,251.50	7,003.35	309.03	309.11	-109.65	-914.79	-11,015.81	467.99	-117.70	585.69	0.799	Level 1
17,074.59	6,846.00	17,326.08	7,003.01	311.24	311.32	-109.61	-915.15	-11,090.40	467.92	-122.11	590.03	0.793	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-12B-M - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
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
6,400.00	6,351.34	8,188.50	7,053.04	17.48	39.58	-84.35	-1,345.76	-660.12	1,179.85	1,130.81	49.04	24.060	
6,500.00	6,446.12	8,216.89	7,052.29	17.95	40.33	-95.40	-1,345.97	-688.49	1,119.84	1,068.38	51.46	21.761	
6,600.00	6,534.91	8,259.91	7,051.14	18.55	41.49	-100.97	-1,346.29	-731.50	1,068.20	1,013.85	54.35	19.654	
6,700.00	6,615.53	8,316.51	7,049.63	19.31	43.01	-103.72	-1,346.71	-788.08	1,025.80	968.11	57.68	17.783	
6,800.00	6,685.98	8,385.28	7,047.79	20.26	44.88	-104.72	-1,347.22	-856.83	992.73	931.28	61.44	16.157	
6,900.00	6,744.53	8,464.55	7,045.68	21.45	47.05	-104.66	-1,347.80	-936.06	968.40	902.80	65.60	14.763	
7,000.00	6,789.75	8,552.35	7,043.34	22.91	49.47	-104.04	-1,348.45	-1,023.82	951.75	881.65	70.09	13.578	
7,100.00	6,820.51	8,646.52	7,040.82	24.63	52.08	-103.30	-1,349.15	-1,117.96	941.53	866.68	74.85	12.579	
7,200.00	6,836.06	8,744.74	7,038.20	26.56	54.83	-102.77	-1,349.87	-1,216.15	936.65	856.91	79.74	11.746	
7,300.00	6,838.04	8,844.61	7,035.54	28.64	57.64	-102.56	-1,350.61	-1,315.97	935.86	851.21	84.64	11.056	
7,400.00	6,838.13	8,944.57	7,032.87	30.86	60.46	-102.39	-1,351.35	-1,415.89	935.61	845.94	89.67	10.434	
7,500.00	6,838.21	9,044.53	7,030.20	33.21	63.30	-102.22	-1,352.09	-1,515.82	935.38	840.55	94.83	9.864	
7,600.00	6,838.29	9,144.49	7,027.54	35.65	66.15	-102.05	-1,352.83	-1,615.74	935.15	835.06	100.09	9.343	
7,700.00	6,838.37	9,244.45	7,024.87	38.16	69.00	-101.88	-1,353.57	-1,715.66	934.93	829.50	105.43	8.868	
7,800.00	6,838.45	9,344.41	7,022.20	40.74	71.87	-101.71	-1,354.31	-1,815.59	934.72	823.87	110.84	8.433	
7,900.00	6,838.53	9,444.37	7,019.53	43.37	74.74	-101.54	-1,355.04	-1,915.51	934.51	818.19	116.32	8.034	
8,000.00	6,838.61	9,544.34	7,016.87	46.04	77.62	-101.37	-1,355.78	-2,015.43	934.32	812.47	121.84	7.668	
8,100.00	6,838.70	9,644.30	7,014.20	48.74	80.51	-101.20	-1,356.52	-2,115.36	934.13	806.72	127.41	7.332	
8,200.00	6,838.78	9,744.26	7,011.53	51.48	83.40	-101.03	-1,357.26	-2,215.28	933.95	800.94	133.02	7.021	
8,300.00	6,838.86	9,844.22	7,008.86	54.23	86.29	-100.86	-1,358.00	-2,315.20	933.78	795.13	138.65	6.735	
8,400.00	6,838.94	9,944.18	7,006.20	57.01	89.19	-100.69	-1,358.74	-2,415.13	933.62	789.30	144.32	6.469	
8,500.00	6,839.02	10,044.14	7,003.53	59.81	92.09	-100.52	-1,359.48	-2,515.05	933.47	783.45	150.01	6.223	
8,600.00	6,839.10	10,144.11	7,000.86	62.62	95.00	-100.35	-1,360.21	-2,614.97	933.32	777.59	155.73	5.993	
8,700.00	6,839.18	10,244.07	6,998.20	65.44	97.91	-100.18	-1,360.95	-2,714.90	933.18	771.72	161.46	5.780	
8,800.00	6,839.27	10,344.03	6,995.53	68.28	100.82	-100.01	-1,361.69	-2,814.82	933.05	765.84	167.21	5.580	
8,900.00	6,839.35	10,443.99	6,992.86	71.13	103.74	-99.84	-1,362.43	-2,914.74	932.93	759.95	172.98	5.393	
9,000.00	6,839.43	10,543.95	6,990.19	73.99	106.66	-99.67	-1,363.17	-3,014.67	932.82	754.05	178.77	5.218	
9,100.00	6,839.51	10,643.91	6,987.53	76.85	109.57	-99.50	-1,363.91	-3,114.59	932.71	748.15	184.57	5.054	
9,200.00	6,839.59	10,743.87	6,984.86	79.72	112.50	-99.33	-1,364.65	-3,214.51	932.62	742.24	190.38	4.899	
9,300.00	6,839.67	10,843.84	6,982.19	82.60	115.42	-99.16	-1,365.39	-3,314.44	932.53	736.33	196.20	4.753	
9,400.00	6,839.75	10,943.80	6,979.52	85.48	118.35	-98.99	-1,366.12	-3,414.36	932.45	730.42	202.03	4.615	
9,500.00	6,839.83	11,043.76	6,976.86	88.37	121.27	-98.82	-1,366.86	-3,514.28	932.38	724.50	207.88	4.485	
9,600.00	6,839.92	11,143.72	6,974.19	91.27	124.20	-98.65	-1,367.60	-3,614.21	932.31	718.58	213.73	4.362	
9,700.00	6,840.00	11,243.68	6,971.52	94.16	127.13	-98.48	-1,368.34	-3,714.13	932.26	712.67	219.59	4.245	
9,800.00	6,840.08	11,343.64	6,968.86	97.07	130.06	-98.31	-1,369.08	-3,814.05	932.21	706.75	225.46	4.135	
9,900.00	6,840.16	11,443.61	6,966.19	99.97	132.99	-98.14	-1,369.82	-3,913.98	932.17	700.84	231.34	4.030	
10,000.00	6,840.24	11,543.57	6,963.52	102.88	135.93	-97.97	-1,370.56	-4,013.90	932.14	694.92	237.22	3.929	
10,100.00	6,840.32	11,643.53	6,960.85	105.79	138.86	-97.80	-1,371.29	-4,113.82	932.12	689.01	243.11	3.834	
10,200.00	6,840.40	11,743.49	6,958.19	108.71	141.80	-97.63	-1,372.03	-4,213.75	932.11	683.10	249.00	3.743	
10,300.00	6,840.49	11,843.45	6,955.52	111.63	144.73	-97.46	-1,372.77	-4,313.67	932.10	677.20	254.90	3.657	
10,320.49	6,840.50	11,863.93	6,954.97	112.22	145.34	-97.43	-1,372.92	-4,334.14	932.10	675.99	256.11	3.639 CC	
10,400.00	6,840.57	11,943.41	6,952.85	114.54	147.67	-97.29	-1,373.51	-4,413.59	932.10	671.29	260.81	3.574	
10,500.00	6,840.65	12,043.37	6,950.19	117.47	150.61	-97.12	-1,374.25	-4,513.51	932.11	665.39	266.72	3.495	
10,600.00	6,840.73	12,143.34	6,947.52	120.39	153.55	-96.95	-1,374.99	-4,613.44	932.13	659.50	272.64	3.419	
10,700.00	6,840.81	12,243.30	6,944.85	123.32	156.49	-96.78	-1,375.73	-4,713.36	932.16	653.60	278.56	3.346	
10,800.00	6,840.89	12,343.26	6,942.18	126.24	159.43	-96.61	-1,376.46	-4,813.28	932.19	647.72	284.48	3.277	
10,900.00	6,840.97	12,443.22	6,939.52	129.17	162.37	-96.44	-1,377.20	-4,913.21	932.24	641.83	290.40	3.210	
11,000.00	6,841.06	12,543.18	6,936.85	132.10	165.31	-96.27	-1,377.94	-5,013.13	932.29	635.96	296.33	3.146	
11,100.00	6,841.14	12,643.14	6,934.18	135.03	168.25	-96.10	-1,378.68	-5,113.05	932.35	630.08	302.27	3.085	
11,200.00	6,841.22	12,743.11	6,931.51	137.97	171.20	-95.93	-1,379.42	-5,212.98	932.42	624.22	308.20	3.025	
11,300.00	6,841.30	12,843.07	6,928.85	140.90	174.14	-95.76	-1,380.16	-5,312.90	932.50	618.35	314.14	2.968	
11,400.00	6,841.38	12,943.03	6,926.18	143.84	177.08	-95.59	-1,380.90	-5,412.82	932.58	612.50	320.08	2.914	
11,500.00	6,841.46	13,042.99	6,923.51	146.77	180.03	-95.42	-1,381.63	-5,512.75	932.67	606.65	326.02	2.861	
11,600.00	6,841.54	13,142.95	6,920.85	149.71	182.97	-95.25	-1,382.37	-5,612.67	932.77	600.81	331.97	2.810	
11,700.00	6,841.63	13,242.91	6,918.18	152.65	185.92	-95.08	-1,383.11	-5,712.59	932.88	594.97	337.91	2.761	
11,800.00	6,841.71	13,342.87	6,915.51	155.59	188.86	-94.91	-1,383.85	-5,812.52	933.00	589.14	343.86	2.713 ES	
11,900.00	6,841.79	13,362.03	6,915.00	158.53	189.43	-94.87	-1,383.99	-5,831.66	936.62	590.21	346.41	2.704 SF	
12,000.00	6,841.87	13,362.03	6,915.00	161.47	189.43	-94.87	-1,383.99	-5,831.66	950.61	605.91	344.70	2.758	
12,100.00	6,841.95	13,362.03	6,915.00	164.41	189.43	-94.87	-1,383.99	-5,831.66	974.71	635.17	339.54	2.871	
12,200.00	6,842.03	13,362.03	6,915.00	167.35	189.43	-94.87	-1,383.99	-5,831.66	1,008.19	676.63	331.57	3.041	
12,300.00	6,842.11	13,362.03	6,915.00	170.30	189.43	-94.87	-1,383.99	-5,831.66	1,050.17	728.63	321.53	3.266	
12,400.00	6,842.20	13,362.03	6,915.00	173.24	189.43	-94.87	-1,383.99	-5,831.66	1,099.66	789.47	310.18	3.545	
12,500.00	6,842.28	13,362.03	6,915.00	176.18	189.43	-94.87	-1,383.99	-5,831.66	1,155.70	857.55	298.16	3.876	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-108.01	-58.65	-180.43	189.72				
100.00	100.00	102.00	102.00	3.28	3.28	-108.01	-58.65	-180.43	189.72	182.19	7.53	25.204	
200.00	200.00	202.00	202.00	3.30	3.30	-108.01	-58.65	-180.43	189.72	182.15	7.57	25.065	
300.00	300.00	298.88	298.88	3.34	3.34	13.99	-58.88	-180.78	189.73	182.08	7.65	24.804	
400.00	399.93	392.89	392.83	3.40	3.40	13.97	-60.63	-183.39	189.56	181.81	7.75	24.456	
500.00	499.68	486.91	486.64	3.48	3.47	13.94	-64.08	-188.57	189.17	181.28	7.89	23.979	
600.00	599.13	580.93	580.20	3.59	3.57	13.90	-69.24	-196.31	188.55	180.49	8.06	23.386	
627.62	626.54	606.91	605.99	3.63	3.60	13.88	-70.97	-198.90	188.45	180.33	8.12	23.214	CC, ES
700.00	698.32	674.97	673.41	3.73	3.69	13.76	-76.11	-206.60	188.93	180.65	8.27	22.836	
800.00	797.51	768.87	766.04	3.90	3.86	13.38	-84.65	-219.41	192.43	183.91	8.52	22.588	
900.00	896.70	862.44	857.79	4.08	4.06	12.79	-94.84	-234.69	199.11	190.31	8.80	22.627	
1,000.00	995.89	955.49	948.38	4.29	4.30	12.04	-106.61	-252.33	208.97	199.86	9.11	22.934	
1,100.00	1,095.08	1,047.82	1,037.55	4.52	4.59	11.18	-119.89	-272.26	221.99	212.54	9.45	23.491	
1,200.00	1,194.27	1,145.69	1,131.54	4.76	4.94	10.27	-135.03	-294.95	237.01	227.14	9.87	24.006	
1,300.00	1,293.46	1,244.49	1,226.41	5.01	5.33	9.46	-150.32	-317.89	252.11	241.78	10.33	24.406	
1,400.00	1,392.65	1,343.28	1,321.29	5.27	5.74	8.74	-165.62	-340.82	267.25	256.44	10.81	24.716	
1,500.00	1,491.84	1,442.08	1,416.16	5.54	6.17	8.10	-180.91	-363.75	282.43	271.12	11.30	24.986	
1,600.00	1,591.03	1,540.87	1,511.03	5.82	6.62	7.52	-196.20	-386.68	297.64	285.82	11.82	25.180	
1,700.00	1,690.22	1,639.67	1,605.90	6.11	7.08	7.00	-211.49	-409.61	312.87	300.52	12.35	25.332	
1,800.00	1,789.41	1,738.46	1,700.77	6.26	7.47	6.53	-226.79	-432.54	328.13	315.63	12.50	26.247	
1,900.00	1,888.60	1,837.26	1,795.64	6.29	7.66	6.10	-242.08	-455.47	343.41	330.96	12.45	27.587	
2,000.00	1,987.79	1,936.05	1,890.52	6.34	7.76	5.71	-257.37	-478.40	358.71	346.20	12.51	28.682	
2,100.00	2,086.98	2,034.84	1,985.39	6.41	7.89	5.35	-272.67	-501.33	374.02	361.42	12.60	29.681	
2,200.00	2,186.17	2,133.64	2,080.26	6.50	8.06	5.01	-287.96	-524.27	389.34	376.61	12.73	30.581	
2,300.00	2,285.36	2,232.43	2,175.13	6.60	8.25	4.70	-303.25	-547.20	404.68	391.78	12.90	31.379	
2,400.00	2,384.54	2,331.23	2,270.00	6.72	8.48	4.42	-318.54	-570.13	420.03	406.93	13.09	32.077	
2,500.00	2,483.73	2,430.02	2,364.87	6.86	8.74	4.15	-333.84	-593.06	435.38	422.06	13.32	32.677	
2,600.00	2,582.92	2,528.82	2,459.75	7.01	9.02	3.91	-349.13	-615.99	450.75	437.17	13.58	33.186	
2,700.00	2,682.11	2,627.61	2,554.62	7.17	9.32	3.68	-364.42	-638.92	466.12	452.25	13.87	33.609	
2,800.00	2,781.30	2,726.41	2,649.49	7.35	9.64	3.46	-379.72	-661.85	481.50	467.32	14.18	33.953	
2,900.00	2,880.49	2,825.20	2,744.36	7.54	9.98	3.26	-395.01	-684.78	496.89	482.37	14.52	34.226	
3,000.00	2,979.68	2,923.99	2,839.23	7.73	10.34	3.07	-410.30	-707.71	512.28	497.40	14.88	34.434	
3,100.00	3,078.87	3,022.79	2,934.10	7.94	10.72	2.89	-425.59	-730.64	527.68	512.42	15.26	34.586	
3,200.00	3,178.06	3,121.58	3,028.98	8.16	11.11	2.72	-440.89	-753.58	543.08	527.42	15.66	34.688	
3,300.00	3,277.25	3,220.38	3,123.85	8.39	11.50	2.56	-456.18	-776.51	558.49	542.41	16.07	34.748	
3,400.00	3,376.44	3,319.17	3,218.72	8.62	11.92	2.41	-471.47	-799.44	573.90	557.39	16.51	34.770	
3,500.00	3,475.63	3,417.97	3,313.59	8.86	12.34	2.26	-486.77	-822.37	589.31	572.36	16.95	34.761	
3,600.00	3,574.82	3,516.76	3,408.46	9.11	12.77	2.13	-502.06	-845.30	604.73	587.31	17.41	34.725	
3,700.00	3,674.01	3,615.56	3,503.33	9.36	13.20	2.00	-517.35	-868.23	620.15	602.26	17.89	34.666	
3,800.00	3,773.20	3,714.35	3,598.21	9.62	13.65	1.87	-532.64	-891.16	635.57	617.20	18.38	34.589	
3,900.00	3,872.39	3,813.14	3,693.08	9.89	14.10	1.76	-547.94	-914.09	651.00	632.13	18.87	34.496	
4,000.00	3,971.58	3,911.94	3,787.95	10.16	14.56	1.64	-563.23	-937.02	666.43	647.05	19.38	34.391	
4,100.00	4,070.77	4,010.73	3,882.82	10.43	15.02	1.54	-578.52	-959.96	681.86	661.96	19.89	34.275	
4,200.00	4,169.95	4,109.53	3,977.69	10.71	15.49	1.44	-593.82	-982.89	697.29	676.87	20.42	34.152	
4,300.00	4,269.14	4,208.32	4,072.56	10.99	15.96	1.34	-609.11	-1,005.82	712.73	691.78	20.95	34.022	
4,400.00	4,368.33	4,307.12	4,167.44	11.28	16.44	1.24	-624.40	-1,028.75	728.16	706.68	21.49	33.888	
4,500.00	4,467.52	4,405.91	4,262.31	11.57	16.92	1.16	-639.69	-1,051.68	743.60	721.57	22.03	33.750	
4,600.00	4,566.71	4,504.71	4,357.18	11.86	17.40	1.07	-654.99	-1,074.61	759.04	736.46	22.58	33.609	
4,700.00	4,665.90	4,603.50	4,452.05	12.15	17.89	0.99	-670.28	-1,097.54	774.49	751.35	23.14	33.467	
4,800.00	4,765.09	4,702.29	4,546.92	12.45	18.38	0.91	-685.57	-1,120.47	789.93	766.23	23.70	33.325	
4,900.00	4,864.28	4,801.09	4,641.79	12.75	18.87	0.83	-700.87	-1,143.40	805.38	781.10	24.27	33.182	
5,000.00	4,963.47	4,900.12	4,736.67	13.05	19.37	0.76	-716.16	-1,166.33	820.82	795.98	24.84	33.039	
5,100.00	5,062.66	5,001.32	4,831.54	13.36	19.88	0.69	-731.45	-1,189.27	836.27	810.84	25.43	32.888	
5,200.00	5,161.85	5,097.47	4,926.41	13.66	20.37	0.62	-746.74	-1,212.20	851.72	825.72	26.00	32.759	
5,300.00	5,261.04	5,203.73	5,021.28	13.97	20.91	0.55	-762.04	-1,235.13	867.17	840.56	26.61	32.591	
5,400.00	5,360.23	5,304.94	5,116.15	14.28	21.42	0.49	-777.33	-1,258.06	882.62	855.42	27.20	32.445	
5,500.00	5,459.42	5,406.15	5,211.02	14.59	21.94	0.43	-792.62	-1,280.99	898.07	870.27	27.80	32.302	
5,600.00	5,558.61	5,507.35	5,305.90	14.91	22.46	0.37	-807.92	-1,303.92	913.53	885.12	28.40	32.162	
5,700.00	5,657.80	5,591.44	5,400.77	15.22	22.89	0.31	-823.21	-1,326.85	928.98	900.03	28.95	32.088	
5,800.00	5,756.99	5,709.76	5,495.64	15.53	23.50	0.26	-838.50	-1,349.78	944.44	914.82	29.62	31.889	
5,900.00	5,856.18	5,789.03	5,590.51	15.85	23.91	0.20	-853.79	-1,372.71	959.89	929.74	30.15	31.836	
6,000.00	5,955.36	5,887.83	5,685.38	16.17	24.42	0.15	-869.09	-1,395.65	975.35	944.59	30.76	31.713	
6,100.00	6,054.55	5,986.62	5,780.25	16.49	24.94	0.10	-884.38	-1,418.58	990.81	959.45	31.36	31.593	
6,200.00	6,153.74	6,085.42	5,875.13	16.81	25.45	0.05	-899.67	-1,441.51	1,006.27	974.30	31.97	31.475	
6,300.00	6,252.93	6,184.21	5,970.00	17.13	25.97	0.01	-914.97	-1,464.44	1,021.72	989.14	32.58	31.360	
6,400.00	6,351.34	6,283.44	6,065.29	17.48	26.49	-15.70	-930.33	-1,487.47	1,032.81	999.61	33.19	31.115	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
6,500.00	6,446.12	8,055.64	7,193.61	17.95	36.23	-103.80	-1,111.78	-693.46	1,025.10	983.93	41.17	24.902		
6,600.00	6,534.91	8,011.81	7,192.86	18.55	35.47	-111.14	-1,111.68	-737.28	957.36	915.01	42.35	22.608		
6,700.00	6,615.53	7,954.48	7,191.88	19.31	34.55	-115.11	-1,111.55	-794.60	898.93	855.44	43.49	20.671		
6,800.00	6,685.98	7,885.05	7,190.70	20.26	33.52	-117.04	-1,111.38	-864.02	850.73	806.16	44.57	19.088		
6,900.00	6,744.53	7,805.25	7,189.34	21.45	32.48	-117.69	-1,111.20	-943.81	813.02	767.36	45.65	17.808		
7,000.00	6,789.75	7,491.85	7,118.53	22.91	29.81	-107.61	-1,099.91	-1,245.73	775.33	733.29	42.04	18.443		
7,100.00	6,820.51	7,299.13	7,006.90	24.63	29.15	-99.80	-1,081.99	-1,400.88	729.34	686.15	43.19	16.886		
7,200.00	6,836.06	7,181.42	6,917.93	26.56	28.98	-95.36	-1,067.68	-1,476.37	686.79	640.63	46.16	14.878		
7,300.00	6,838.04	7,095.21	6,844.85	28.64	28.92	-90.43	-1,055.93	-1,520.44	651.29	601.44	49.85	13.066		
7,400.00	6,838.13	7,037.68	6,793.10	30.86	28.89	-85.58	-1,047.60	-1,544.11	624.88	570.80	54.09	11.553		
7,500.00	6,838.21	6,998.13	6,756.41	33.21	28.87	-82.09	-1,041.69	-1,557.60	610.90	552.48	58.42	10.456		
7,546.88	6,838.25	6,983.63	6,742.75	34.35	28.86	-80.79	-1,039.50	-1,561.96	609.26	548.92	60.34	10.097		
7,600.00	6,838.29	6,969.48	6,729.34	35.65	28.85	-79.51	-1,037.34	-1,565.91	611.39	549.08	62.31	9.812		
7,700.00	6,838.37	6,947.85	6,708.67	38.16	28.84	-77.55	-1,034.01	-1,571.37	626.95	561.63	65.31	9.599 SF		
7,800.00	6,838.45	6,930.97	6,692.43	40.74	28.83	-76.01	-1,031.39	-1,575.13	656.83	589.57	67.25	9.767		
7,900.00	6,838.53	6,917.46	6,679.36	43.37	28.82	-74.77	-1,029.29	-1,577.82	699.39	631.18	68.21	10.253		
8,000.00	6,838.61	6,900.00	6,662.39	46.04	28.81	-73.18	-1,026.56	-1,580.89	752.65	684.34	68.30	11.019		
8,100.00	6,838.70	6,900.00	6,662.39	48.74	28.81	-73.18	-1,026.56	-1,580.89	814.46	746.30	68.16	11.950		
8,200.00	6,838.78	6,889.40	6,652.05	51.48	28.80	-72.21	-1,024.89	-1,582.52	883.16	815.66	67.51	13.083		
8,300.00	6,838.86	6,882.74	6,645.53	54.23	28.80	-71.61	-1,023.84	-1,583.45	957.30	890.55	66.75	14.342		
8,400.00	6,838.94	6,876.96	6,639.88	57.01	28.79	-71.09	-1,022.93	-1,584.21	1,035.71	969.78	65.93	15.708		
8,500.00	6,839.02	6,871.92	6,634.94	59.81	28.79	-70.63	-1,022.14	-1,584.82	1,117.51	1,052.40	65.12	17.162		

Offset Design							5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L2 - Wellbore #1 - Design #1							Offset Site Error:		0.00 usft
Survey Program:							0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1							Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance									
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			
5,500.00	5,459.42	5,446.14	5,440.68	14.59	12.09	-73.19	-1,498.78	-232.46	1,199.41	1,172.47	26.95	44.511				
5,600.00	5,558.61	5,545.81	5,540.24	14.91	12.34	-73.56	-1,501.34	-236.29	1,197.23	1,169.71	27.51	43.513				
5,700.00	5,657.80	5,645.48	5,639.80	15.22	12.59	-73.93	-1,503.91	-240.12	1,195.09	1,167.00	28.09	42.552				
5,800.00	5,756.99	5,745.15	5,739.37	15.53	12.85	-74.31	-1,506.47	-243.94	1,193.00	1,164.34	28.66	41.627				
5,900.00	5,856.18	5,844.82	5,838.93	15.85	13.11	-74.68	-1,509.03	-247.77	1,190.97	1,161.73	29.24	40.736				
6,000.00	5,955.36	5,944.49	5,938.50	16.17	13.36	-75.06	-1,511.60	-251.60	1,188.99	1,159.17	29.82	39.877				
6,100.00	6,054.55	6,044.16	6,038.06	16.49	13.62	-75.44	-1,514.16	-255.43	1,187.06	1,156.66	30.40	39.050				
6,200.00	6,153.74	6,143.83	6,137.62	16.81	13.88	-75.82	-1,516.72	-259.26	1,185.18	1,154.20	30.98	38.253				
6,300.00	6,252.93	6,243.50	6,237.19	17.13	14.14	-76.20	-1,519.29	-263.09	1,183.35	1,151.78	31.57	37.484				
6,343.75	6,296.18	6,287.00	6,280.64	17.28	14.26	-86.01	-1,520.41	-264.76	1,182.96	1,151.12	31.84	37.150 CC				
6,400.00	6,351.34	6,342.59	6,336.17	17.48	14.40	-92.69	-1,521.84	-266.90	1,183.25	1,151.05	32.20	36.750 ES				
6,500.00	6,446.12	6,438.63	6,432.10	17.95	14.66	-99.61	-1,524.31	-270.59	1,188.48	1,155.52	32.96	36.059				
6,600.00	6,534.91	6,529.22	6,522.60	18.55	14.90	-103.05	-1,526.64	-274.07	1,199.95	1,166.08	33.87	35.431 SF				

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-102.09	-38.60	-180.15	184.24				
100.00	100.00	102.00	102.00	3.28	3.28	-102.09	-38.60	-180.15	184.24	176.71	7.53	24.476	
200.00	200.00	202.00	202.00	3.30	3.30	-102.09	-38.60	-180.15	184.24	176.67	7.57	24.340	
300.00	300.00	298.98	298.97	3.34	3.34	19.91	-38.80	-180.52	184.26	176.61	7.65	24.088	
400.00	399.93	393.16	393.10	3.40	3.40	19.99	-40.30	-183.30	184.19	176.44	7.75	23.761	
500.00	499.68	487.35	487.08	3.48	3.47	20.14	-43.26	-188.80	184.01	176.12	7.89	23.320	
600.00	599.13	581.55	580.81	3.59	3.57	20.38	-47.69	-197.02	183.70	175.64	8.07	22.774	
613.77	612.79	594.52	593.69	3.61	3.59	20.41	-48.41	-198.37	183.68	175.58	8.09	22.694	CC, ES
700.00	698.32	675.76	674.19	3.73	3.70	20.56	-53.57	-207.95	184.46	176.18	8.28	22.278	
800.00	797.51	769.83	766.98	3.90	3.86	20.47	-60.90	-221.56	188.32	179.79	8.53	22.076	
900.00	896.70	863.57	858.88	4.08	4.06	20.12	-69.63	-237.78	195.32	186.50	8.82	22.153	
1,000.00	995.89	956.77	949.62	4.29	4.31	19.56	-79.73	-256.52	205.46	196.32	9.14	22.490	
1,100.00	1,095.08	1,049.75	1,039.41	4.52	4.60	18.84	-91.18	-277.79	218.71	209.22	9.49	23.057	
1,200.00	1,194.27	1,148.63	1,134.53	4.76	4.95	18.08	-103.98	-301.57	233.32	223.40	9.92	23.513	
1,300.00	1,293.46	1,247.51	1,229.65	5.01	5.34	17.40	-116.78	-325.35	247.97	237.58	10.39	23.876	
1,400.00	1,392.65	1,346.39	1,324.77	5.27	5.75	16.81	-129.59	-349.13	262.65	251.77	10.88	24.152	
1,500.00	1,491.84	1,445.28	1,419.89	5.54	6.17	16.27	-142.39	-372.91	277.35	265.98	11.37	24.389	
1,600.00	1,591.03	1,544.16	1,515.02	5.82	6.62	15.79	-155.19	-396.69	292.08	280.19	11.89	24.556	
1,700.00	1,690.22	1,643.04	1,610.14	6.11	7.07	15.35	-168.00	-420.47	306.82	294.39	12.43	24.683	
1,800.00	1,789.41	1,741.92	1,705.26	6.26	7.45	14.96	-180.80	-444.25	321.59	309.00	12.58	25.563	
1,900.00	1,888.60	1,840.80	1,800.38	6.29	7.64	14.60	-193.60	-468.02	336.36	323.84	12.52	26.860	
2,000.00	1,987.79	1,939.68	1,895.50	6.34	7.73	14.26	-206.41	-491.80	351.14	338.56	12.58	27.907	
2,100.00	2,086.98	2,038.56	1,990.62	6.41	7.86	13.96	-219.21	-515.58	365.94	353.26	12.68	28.860	
2,200.00	2,186.17	2,137.45	2,085.75	6.50	8.03	13.68	-232.01	-539.36	380.75	367.93	12.81	29.716	
2,300.00	2,285.36	2,236.33	2,180.87	6.60	8.22	13.42	-244.82	-563.14	395.56	382.58	12.98	30.474	
2,400.00	2,384.54	2,335.21	2,275.99	6.72	8.44	13.18	-257.62	-586.92	410.38	397.20	13.18	31.135	
2,500.00	2,483.73	2,434.09	2,371.11	6.86	8.69	12.96	-270.42	-610.70	425.21	411.80	13.41	31.702	
2,600.00	2,582.92	2,532.97	2,466.23	7.01	8.97	12.75	-283.23	-634.47	440.04	426.37	13.67	32.180	
2,700.00	2,682.11	2,631.85	2,561.36	7.17	9.27	12.55	-296.03	-658.25	454.88	440.92	13.96	32.576	
2,800.00	2,781.30	2,730.73	2,656.48	7.35	9.59	12.37	-308.83	-682.03	469.73	455.45	14.28	32.897	
2,900.00	2,880.49	2,829.62	2,751.60	7.54	9.92	12.20	-321.64	-705.81	484.57	469.96	14.62	33.149	
3,000.00	2,979.68	2,928.50	2,846.72	7.73	10.28	12.04	-334.44	-729.59	499.43	484.45	14.98	33.340	
3,100.00	3,078.87	3,027.38	2,941.84	7.94	10.65	11.89	-347.24	-753.37	514.28	498.92	15.36	33.477	
3,200.00	3,178.06	3,126.26	3,036.97	8.16	11.03	11.74	-360.05	-777.15	529.14	513.38	15.76	33.566	
3,300.00	3,277.25	3,225.14	3,132.09	8.39	11.42	11.61	-372.85	-800.93	544.00	527.82	16.18	33.615	
3,400.00	3,376.44	3,324.02	3,227.21	8.62	11.83	11.48	-385.65	-824.70	558.87	542.25	16.62	33.629	
3,500.00	3,475.63	3,422.90	3,322.33	8.86	12.24	11.36	-398.46	-848.48	573.74	556.67	17.07	33.613	
3,600.00	3,574.82	3,521.79	3,417.45	9.11	12.67	11.24	-411.26	-872.26	588.61	571.07	17.53	33.571	
3,700.00	3,674.01	3,620.67	3,512.58	9.36	13.10	11.13	-424.06	-896.04	603.48	585.47	18.01	33.509	
3,800.00	3,773.20	3,719.55	3,607.70	9.62	13.54	11.03	-436.87	-919.82	618.35	599.86	18.50	33.428	
3,900.00	3,872.39	3,818.43	3,702.82	9.89	13.99	10.93	-449.67	-943.60	633.23	614.23	19.00	33.334	
4,000.00	3,971.58	3,917.31	3,797.94	10.16	14.44	10.83	-462.47	-967.38	648.11	628.60	19.51	33.227	
4,100.00	4,070.77	4,016.19	3,893.06	10.43	14.89	10.74	-475.28	-991.16	662.99	642.96	20.02	33.111	
4,200.00	4,169.95	4,115.07	3,988.19	10.71	15.36	10.65	-488.08	-1,014.93	677.87	657.32	20.55	32.988	
4,300.00	4,269.14	4,213.96	4,083.31	10.99	15.82	10.57	-500.88	-1,038.71	692.75	671.67	21.08	32.859	
4,400.00	4,368.33	4,312.84	4,178.43	11.28	16.29	10.49	-513.69	-1,062.49	707.64	686.01	21.62	32.725	
4,500.00	4,467.52	4,411.72	4,273.55	11.57	16.77	10.41	-526.49	-1,086.27	722.52	700.35	22.17	32.589	
4,600.00	4,566.71	4,510.60	4,368.67	11.86	17.25	10.34	-539.29	-1,110.05	737.41	714.68	22.72	32.450	
4,700.00	4,665.90	4,609.48	4,463.80	12.15	17.73	10.27	-552.10	-1,133.83	752.30	729.01	23.28	32.311	
4,800.00	4,765.09	4,708.36	4,558.92	12.45	18.21	10.20	-564.90	-1,157.61	767.18	743.34	23.85	32.170	
4,900.00	4,864.28	4,807.24	4,654.04	12.75	18.70	10.14	-577.70	-1,181.38	782.07	757.66	24.42	32.031	
5,000.00	4,963.47	4,906.13	4,749.16	13.05	19.19	10.07	-590.51	-1,205.16	796.97	771.97	24.99	31.891	
5,100.00	5,062.66	5,005.01	4,844.28	13.36	19.68	10.01	-603.31	-1,228.94	811.86	786.29	25.57	31.753	
5,200.00	5,161.85	5,103.89	4,939.41	13.66	20.17	9.96	-616.11	-1,252.72	826.75	800.60	26.15	31.616	
5,300.00	5,261.04	5,202.77	5,034.53	13.97	20.67	9.90	-628.92	-1,276.50	841.64	814.91	26.74	31.481	
5,400.00	5,360.23	5,301.65	5,129.65	14.28	21.17	9.85	-641.72	-1,300.28	856.54	829.21	27.32	31.347	
5,500.00	5,459.42	5,400.53	5,224.77	14.59	21.66	9.79	-654.52	-1,324.06	871.43	843.52	27.92	31.216	
5,600.00	5,558.61	5,499.41	5,319.89	14.91	22.17	9.74	-667.33	-1,347.84	886.33	857.82	28.51	31.087	
5,700.00	5,657.80	5,601.70	5,415.01	15.22	22.69	9.69	-680.13	-1,371.61	901.22	872.10	29.12	30.948	
5,800.00	5,756.99	5,702.82	5,510.14	15.53	23.20	9.65	-692.93	-1,395.39	916.12	886.39	29.73	30.816	
5,900.00	5,856.18	5,803.94	5,605.26	15.85	23.72	9.60	-705.74	-1,419.17	931.02	900.68	30.34	30.686	
6,000.00	5,955.36	5,905.06	5,700.38	16.17	24.23	9.56	-718.54	-1,442.95	945.92	914.96	30.95	30.560	
6,100.00	6,054.55	6,006.18	5,795.50	16.49	24.75	9.51	-731.34	-1,466.73	960.81	929.25	31.57	30.436	
6,200.00	6,153.74	6,107.30	5,890.62	16.81	25.27	9.47	-744.15	-1,490.51	975.71	943.53	32.19	30.315	
6,300.00	6,252.93	7,881.32	6,995.94	17.13	36.62	-66.54	-892.03	-647.06	892.33	855.17	37.16	24.013	
6,400.00	6,351.34	7,867.27	6,995.68	17.48	36.35	-91.71	-892.01	-661.11	808.13	769.41	38.72	20.870	

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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)					
6,500.00	6,446.12	7,838.19	6,995.13	17.95	35.81	-105.20	-891.96	-690.19	730.25	689.86	40.38	18.082				
6,600.00	6,534.91	7,805.49	6,994.32	18.55	35.20	-111.54	-891.88	-733.86	661.23	618.97	42.26	15.645				
6,700.00	6,615.53	7,737.31	6,993.24	19.31	34.02	-114.05	-891.78	-791.05	603.06	559.17	43.89	13.741				
6,800.00	6,685.98	7,668.01	6,991.94	20.26	32.91	-114.18	-891.66	-860.34	556.84	511.23	45.61	12.208				
6,900.00	6,744.53	7,588.30	6,990.44	21.45	31.74	-112.87	-891.53	-940.03	522.57	475.34	47.23	11.065				
7,000.00	6,789.75	7,457.72	6,979.14	22.91	30.17	-108.23	-890.11	-1,069.92	496.38	448.89	47.50	10.451				
7,100.00	6,820.51	7,330.74	6,943.63	24.63	28.99	-102.42	-885.43	-1,191.52	471.87	423.31	48.56	9.717				
7,200.00	6,836.06	7,221.59	6,894.50	26.56	28.29	-96.51	-878.91	-1,288.63	451.51	400.78	50.73	8.900				
7,300.00	6,838.04	7,126.41	6,838.79	28.64	27.89	-89.83	-871.48	-1,365.33	436.98	383.44	53.54	8.161				
7,400.00	6,838.13	7,049.71	6,786.04	30.86	27.67	-82.78	-864.43	-1,420.50	430.33	373.67	56.66	7.595				
7,408.76	6,838.13	7,043.80	6,781.71	31.07	27.66	-82.20	-863.86	-1,424.48	430.28	373.35	56.93	7.558				
7,500.00	6,838.21	6,988.92	6,739.80	33.21	27.56	-76.58	-858.25	-1,459.43	436.02	376.72	59.30	7.352 SF				
7,600.00	6,838.29	6,940.39	6,700.37	35.65	27.49	-71.39	-852.97	-1,487.21	456.57	395.71	60.86	7.501				
7,700.00	6,838.37	6,900.00	6,666.04	38.16	27.45	-67.01	-848.37	-1,507.97	492.00	430.78	61.22	8.037				
7,800.00	6,838.45	6,869.05	6,638.88	40.74	27.43	-63.67	-844.74	-1,522.36	540.55	479.79	60.75	8.897				
7,900.00	6,838.53	6,842.38	6,614.95	43.37	27.41	-60.83	-841.53	-1,533.68	599.77	540.00	59.76	10.036				
8,000.00	6,838.61	6,819.95	6,594.48	46.04	27.40	-58.48	-838.78	-1,542.41	667.28	608.70	58.58	11.390				
8,100.00	6,838.70	6,800.00	6,576.02	48.74	27.39	-56.44	-836.31	-1,549.57	741.13	683.75	57.38	12.917				
8,200.00	6,838.78	6,784.49	6,561.52	51.48	27.38	-54.88	-834.37	-1,554.72	819.78	763.50	56.28	14.565				
8,300.00	6,838.86	6,770.27	6,548.12	54.23	27.37	-53.48	-832.57	-1,559.13	902.14	846.85	55.28	16.319				
8,400.00	6,838.94	6,750.00	6,528.86	57.01	27.37	-51.53	-829.98	-1,564.90	987.42	933.14	54.29	18.190				
8,500.00	6,839.02	6,750.00	6,528.86	59.81	27.37	-51.53	-829.98	-1,564.90	1,074.82	1,021.15	53.67	20.026				
8,600.00	6,839.10	6,750.00	6,528.86	62.62	27.37	-51.53	-829.98	-1,564.90	1,164.25	1,111.13	53.11	21.920				

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
2,700.00	2,682.11	2,689.90	2,687.91	7.17	6.32	-63.59	-1,342.37	-132.62	1,194.93	1,181.03	13.90	85.969	
2,800.00	2,781.30	2,789.43	2,787.36	7.35	6.45	-63.94	-1,342.19	-136.70	1,188.69	1,174.50	14.19	83.743	
2,900.00	2,880.49	2,888.97	2,886.81	7.54	6.58	-64.30	-1,342.00	-140.78	1,182.50	1,167.99	14.51	81.490	
3,000.00	2,979.68	2,988.50	2,986.26	7.73	6.73	-64.66	-1,341.82	-144.85	1,176.36	1,161.51	14.85	79.229	
3,100.00	3,078.87	3,088.03	3,085.71	7.94	6.88	-65.02	-1,341.63	-148.93	1,170.26	1,155.06	15.20	76.977	
3,200.00	3,178.06	3,187.57	3,185.17	8.16	7.04	-65.39	-1,341.45	-153.01	1,164.21	1,148.63	15.58	74.746	
3,300.00	3,277.25	3,287.10	3,284.62	8.39	7.20	-65.76	-1,341.26	-157.08	1,158.20	1,142.24	15.96	72.549	
3,400.00	3,376.44	3,386.64	3,384.07	8.62	7.38	-66.14	-1,341.08	-161.16	1,152.25	1,135.88	16.37	70.393	
3,500.00	3,475.63	3,486.17	3,483.52	8.86	7.56	-66.52	-1,340.89	-165.24	1,146.35	1,129.56	16.79	68.288	
3,600.00	3,574.82	3,585.71	3,582.97	9.11	7.75	-66.90	-1,340.71	-169.31	1,140.50	1,123.28	17.22	66.237	
3,700.00	3,674.01	3,685.24	3,682.42	9.36	7.94	-67.29	-1,340.52	-173.39	1,134.70	1,117.03	17.66	64.246	
3,800.00	3,773.20	3,784.78	3,781.87	9.62	8.14	-67.68	-1,340.34	-177.47	1,128.95	1,110.83	18.12	62.316	
3,900.00	3,872.39	3,884.31	3,881.32	9.89	8.34	-68.07	-1,340.15	-181.55	1,123.25	1,104.67	18.58	60.449	
4,000.00	3,971.58	3,983.85	3,980.77	10.16	8.55	-68.47	-1,339.97	-185.62	1,117.61	1,098.55	19.06	58.646	
4,100.00	4,070.77	4,083.38	4,080.23	10.43	8.76	-68.87	-1,339.78	-189.70	1,112.02	1,092.48	19.54	56.908	
4,200.00	4,169.95	4,182.92	4,179.68	10.71	8.97	-69.28	-1,339.60	-193.78	1,106.49	1,086.46	20.03	55.233	
4,300.00	4,269.14	4,282.45	4,279.13	10.99	9.19	-69.69	-1,339.41	-197.85	1,101.02	1,080.49	20.53	53.621	
4,400.00	4,368.33	4,381.99	4,378.58	11.28	9.41	-70.11	-1,339.23	-201.93	1,095.60	1,074.56	21.04	52.070	
4,500.00	4,467.52	4,481.52	4,478.03	11.57	9.64	-70.52	-1,339.04	-206.01	1,090.24	1,068.69	21.56	50.579	
4,600.00	4,566.71	4,581.06	4,577.48	11.86	9.87	-70.95	-1,338.86	-210.09	1,084.95	1,062.87	22.08	49.146	
4,700.00	4,665.90	4,680.59	4,676.93	12.15	10.10	-71.37	-1,338.67	-214.16	1,079.71	1,057.10	22.60	47.770	
4,800.00	4,765.09	4,780.13	4,776.38	12.45	10.33	-71.81	-1,338.48	-218.24	1,074.53	1,051.39	23.13	46.447	
4,900.00	4,864.28	4,879.66	4,875.84	12.75	10.57	-72.24	-1,338.30	-222.32	1,069.41	1,045.74	23.67	45.177	
5,000.00	4,963.47	4,979.20	4,975.29	13.05	10.80	-72.68	-1,338.11	-226.39	1,064.36	1,040.14	24.21	43.956	
5,100.00	5,062.66	5,078.73	5,074.74	13.36	11.04	-73.12	-1,337.93	-230.47	1,059.37	1,034.60	24.76	42.784	
5,200.00	5,161.85	5,178.27	5,174.19	13.66	11.29	-73.57	-1,337.74	-234.55	1,054.44	1,029.13	25.31	41.659	
5,300.00	5,261.04	5,277.80	5,273.64	13.97	11.53	-74.02	-1,337.56	-238.63	1,049.58	1,023.71	25.87	40.577	
5,400.00	5,360.23	5,377.34	5,373.09	14.28	11.77	-74.48	-1,337.37	-242.70	1,044.78	1,018.36	26.43	39.538	
5,500.00	5,459.42	5,476.87	5,472.54	14.59	12.02	-74.94	-1,337.19	-246.78	1,040.05	1,013.07	26.99	38.539	
5,600.00	5,558.61	5,576.41	5,571.99	14.91	12.27	-75.40	-1,337.00	-250.86	1,035.39	1,007.84	27.55	37.579	
5,700.00	5,657.80	5,675.94	5,671.44	15.22	12.52	-75.87	-1,336.82	-254.93	1,030.80	1,002.68	28.12	36.656	
5,800.00	5,756.99	5,775.48	5,770.90	15.53	12.77	-76.35	-1,336.63	-259.01	1,026.28	997.59	28.69	35.768	
5,900.00	5,856.18	5,875.01	5,870.35	15.85	13.02	-76.82	-1,336.45	-263.09	1,021.83	992.57	29.27	34.914	
6,000.00	5,955.36	5,974.55	5,969.80	16.17	13.28	-77.30	-1,336.26	-267.17	1,017.45	987.61	29.84	34.093	
6,100.00	6,054.55	6,074.08	6,069.25	16.49	13.53	-77.79	-1,336.08	-271.24	1,013.15	982.73	30.42	33.302	
6,200.00	6,153.74	6,173.62	6,168.70	16.81	13.79	-78.28	-1,335.89	-275.32	1,008.92	977.91	31.00	32.541	
6,300.00	6,252.93	6,273.15	6,268.15	17.13	14.04	-78.77	-1,335.71	-279.40	1,004.76	973.17	31.59	31.808	
6,390.46	6,341.90	6,362.65	6,357.57	17.45	14.27	-94.70	-1,335.54	-283.06	1,002.97	970.82	32.15	31.196	
6,400.00	6,351.34	6,372.12	6,367.04	17.48	14.30	-95.55	-1,335.52	-283.45	1,002.58	970.37	32.21	31.127 CC, ES	
6,500.00	6,446.12	6,457.21	6,452.07	17.95	14.51	-102.63	-1,335.36	-286.69	1,006.70	973.78	32.92	30.577	
6,600.00	6,534.91	6,510.23	6,505.05	18.55	14.60	-105.51	-1,335.26	-285.18	1,020.61	986.94	33.66	30.317 SF	
6,700.00	6,615.53	6,550.00	6,544.61	19.31	14.67	-106.19	-1,335.17	-281.15	1,046.04	1,011.54	34.50	30.321	
6,800.00	6,685.98	6,584.15	6,578.32	20.26	14.73	-105.21	-1,335.08	-275.73	1,083.30	1,047.87	35.43	30.577	
6,900.00	6,744.53	6,600.00	6,593.86	21.45	14.76	-101.82	-1,335.04	-272.60	1,131.77	1,095.38	36.39	31.105	
7,000.00	6,789.75	6,615.99	6,609.45	22.91	14.78	-96.84	-1,335.00	-269.05	1,189.78	1,152.39	37.39	31.822	

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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	3.00	3.28	3.28	-71.15	61.22	-179.31	189.47				
100.00	100.00	103.00	103.00	3.28	3.28	-71.15	61.22	-179.31	189.47	181.95	7.53	25.171	
200.00	200.00	203.00	203.00	3.30	3.30	-71.15	61.22	-179.31	189.47	181.91	7.57	25.031	
270.05	270.05	271.65	271.65	3.33	3.33	50.94	61.22	-179.40	189.29	181.67	7.62	24.831	CC, ES
300.00	300.00	299.79	299.79	3.34	3.34	50.91	61.26	-179.74	189.65	182.00	7.65	24.789	
400.00	399.93	393.69	393.63	3.40	3.40	51.45	61.59	-182.90	190.75	182.99	7.76	24.590	
500.00	499.68	487.50	487.23	3.48	3.48	52.50	62.24	-189.10	192.91	185.01	7.90	24.416	
600.00	599.13	581.15	580.41	3.59	3.58	54.04	63.21	-198.33	196.23	188.14	8.09	24.268	
700.00	698.32	674.61	673.06	3.73	3.71	55.79	64.50	-210.55	201.56	193.24	8.32	24.237	
800.00	797.51	767.77	764.96	3.90	3.87	57.18	66.09	-225.72	210.12	201.53	8.59	24.458	
900.00	896.70	860.46	855.85	4.08	4.07	58.18	67.99	-243.75	221.82	212.92	8.91	24.905	
1,000.00	995.89	954.19	947.15	4.29	4.30	58.83	70.21	-264.86	236.48	227.21	9.27	25.508	
1,100.00	1,095.08	1,052.95	1,043.14	4.52	4.59	59.36	72.63	-287.95	252.00	242.29	9.71	25.952	
1,200.00	1,194.27	1,151.72	1,139.13	4.76	4.91	59.83	75.06	-311.05	267.54	257.35	10.18	26.271	
1,300.00	1,293.46	1,250.48	1,235.13	5.01	5.25	60.25	77.49	-334.14	283.10	272.41	10.69	26.492	
1,400.00	1,392.65	1,349.24	1,331.12	5.27	5.61	60.62	79.92	-357.24	298.67	287.45	11.22	26.627	
1,500.00	1,491.84	1,448.00	1,427.11	5.54	5.99	60.96	82.34	-380.34	314.25	302.49	11.76	26.721	
1,600.00	1,591.03	1,546.77	1,523.11	5.82	6.38	61.26	84.77	-403.43	329.84	317.51	12.33	26.753	
1,700.00	1,690.22	1,645.53	1,619.10	6.11	6.78	61.54	87.20	-426.53	345.44	332.52	12.91	26.752	
1,800.00	1,789.41	1,744.29	1,715.09	6.26	7.10	61.80	89.63	-449.63	361.04	347.94	13.10	27.562	
1,900.00	1,888.60	1,843.06	1,811.09	6.29	7.26	62.03	92.06	-472.72	376.65	363.59	13.07	28.823	
2,000.00	1,987.79	1,941.82	1,907.08	6.34	7.34	62.24	94.48	-495.82	392.27	379.11	13.16	29.809	
2,100.00	2,086.98	2,040.58	2,003.07	6.41	7.44	62.44	96.91	-518.91	407.89	394.60	13.29	30.691	
2,200.00	2,186.17	2,139.34	2,099.07	6.50	7.58	62.62	99.34	-542.01	423.52	410.06	13.46	31.468	
2,300.00	2,285.36	2,238.11	2,195.06	6.60	7.74	62.79	101.77	-565.11	439.15	425.49	13.66	32.139	
2,400.00	2,384.54	2,336.87	2,291.05	6.72	7.93	62.95	104.19	-588.20	454.79	440.88	13.90	32.709	
2,500.00	2,483.73	2,435.63	2,387.05	6.86	8.13	63.10	106.62	-611.30	470.42	456.25	14.18	33.182	
2,600.00	2,582.92	2,534.39	2,483.04	7.01	8.37	63.24	109.05	-634.39	486.07	471.58	14.48	33.564	
2,700.00	2,682.11	2,633.16	2,579.03	7.17	8.61	63.37	111.48	-657.49	501.71	486.89	14.82	33.864	
2,800.00	2,781.30	2,731.92	2,675.03	7.35	8.88	63.49	113.90	-680.59	517.35	502.18	15.18	34.088	
2,900.00	2,880.49	2,830.68	2,771.02	7.54	9.17	63.60	116.33	-703.68	533.00	517.44	15.56	34.247	
3,000.00	2,979.68	2,929.45	2,867.02	7.73	9.47	63.71	118.76	-726.78	548.65	532.68	15.97	34.346	
3,100.00	3,078.87	3,028.21	2,963.01	7.94	9.78	63.81	121.19	-749.87	564.30	547.90	16.41	34.396	
3,200.00	3,178.06	3,126.97	3,059.00	8.16	10.10	63.91	123.62	-772.97	579.96	563.10	16.86	34.401	
3,300.00	3,277.25	3,225.73	3,155.00	8.39	10.44	64.00	126.04	-796.07	595.61	578.28	17.33	34.370	
3,400.00	3,376.44	3,324.50	3,250.99	8.62	10.79	64.09	128.47	-819.16	611.27	593.45	17.82	34.308	
3,500.00	3,475.63	3,423.26	3,346.98	8.86	11.14	64.17	130.90	-842.26	626.92	608.60	18.32	34.219	
3,600.00	3,574.82	3,522.02	3,442.98	9.11	11.50	64.25	133.33	-865.35	642.58	623.74	18.84	34.110	
3,700.00	3,674.01	3,620.78	3,538.97	9.36	11.88	64.32	135.75	-888.45	658.24	638.87	19.37	33.983	
3,800.00	3,773.20	3,719.55	3,634.96	9.62	12.25	64.40	138.18	-911.55	673.90	653.99	19.91	33.843	
3,900.00	3,872.39	3,818.31	3,730.96	9.89	12.64	64.46	140.61	-934.64	689.57	669.10	20.47	33.692	
4,000.00	3,971.58	3,917.07	3,826.95	10.16	13.03	64.53	143.04	-957.74	705.23	684.20	21.03	33.532	
4,100.00	4,070.77	4,015.83	3,922.94	10.43	13.42	64.59	145.46	-980.83	720.89	699.29	21.61	33.366	
4,200.00	4,169.95	4,114.60	4,018.94	10.71	13.82	64.65	147.89	-1,003.93	736.56	714.37	22.19	33.196	
4,300.00	4,269.14	4,213.36	4,114.93	10.99	14.23	64.71	150.32	-1,027.03	752.22	729.44	22.78	33.023	
4,400.00	4,368.33	4,312.12	4,210.92	11.28	14.63	64.76	152.75	-1,050.12	767.89	744.51	23.38	32.848	
4,500.00	4,467.52	4,410.89	4,306.92	11.57	15.05	64.82	155.17	-1,073.22	783.55	759.57	23.98	32.673	
4,600.00	4,566.71	4,509.65	4,402.91	11.86	15.46	64.87	157.60	-1,096.31	799.22	774.63	24.59	32.498	
4,700.00	4,665.90	4,608.41	4,498.90	12.15	15.88	64.91	160.03	-1,119.41	814.89	789.68	25.21	32.324	
4,800.00	4,765.09	4,707.17	4,594.90	12.45	16.30	64.96	162.46	-1,142.51	830.56	804.72	25.83	32.151	
4,900.00	4,864.28	4,805.94	4,690.89	12.75	16.72	65.01	164.89	-1,165.60	846.22	819.76	26.46	31.980	
5,000.00	4,963.47	4,904.70	4,786.89	13.05	17.15	65.05	167.31	-1,188.70	861.89	834.80	27.09	31.812	
5,100.00	5,062.66	5,003.46	4,882.88	13.36	17.58	65.09	169.74	-1,211.79	877.56	849.83	27.73	31.647	
5,200.00	5,161.85	5,102.22	4,978.87	13.66	18.01	65.13	172.17	-1,234.89	893.23	864.86	28.37	31.484	
5,300.00	5,261.04	5,200.99	5,074.87	13.97	18.44	65.17	174.60	-1,257.99	908.90	879.89	29.02	31.324	
5,400.00	5,360.23	5,300.25	5,170.86	14.28	18.88	65.21	177.02	-1,281.08	924.57	894.91	29.67	31.166	
5,500.00	5,459.42	5,401.49	5,266.85	14.59	19.33	65.24	179.45	-1,304.18	940.25	909.92	30.33	31.004	
5,600.00	5,558.61	5,497.28	5,362.85	14.91	19.75	65.28	181.88	-1,327.27	955.92	924.95	30.97	30.865	
5,700.00	5,657.80	5,603.96	5,458.84	15.22	20.22	65.31	184.31	-1,350.37	971.59	939.93	31.66	30.692	
5,800.00	5,756.99	5,705.20	5,554.83	15.53	20.68	65.35	186.73	-1,373.47	987.26	954.94	32.33	30.541	
5,900.00	5,856.18	5,806.44	5,650.83	15.85	21.13	65.38	189.16	-1,396.56	1,002.93	969.94	33.00	30.394	
6,000.00	5,955.36	5,892.33	5,746.82	16.17	21.51	65.41	191.59	-1,419.66	1,018.61	984.99	33.62	30.299	
6,100.00	6,054.55	6,008.91	5,842.81	16.49	22.04	65.44	194.02	-1,442.75	1,034.28	999.93	34.35	30.110	
6,200.00	6,153.74	6,089.85	5,938.81	16.81	22.40	65.47	196.44	-1,465.85	1,049.95	1,015.00	34.96	30.036	
6,300.00	6,252.93	6,188.61	6,034.80	17.13	22.85	65.50	198.87	-1,488.95	1,065.63	1,030.00	35.63	29.909	
6,400.00	6,351.34	7,985.27	7,173.13	17.48	35.81	119.93	226.07	-664.22	1,031.93	992.21	39.72	25.979	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1			Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft				
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
6,500.00	6,446.12	7,956.32	7,172.54	17.95	35.23	120.08	226.09	-693.16	962.29	921.05	41.24	23.332			
6,600.00	6,534.91	7,912.77	7,171.66	18.55	34.37	121.08	226.14	-736.70	901.20	858.50	42.70	21.104			
6,700.00	6,615.53	7,855.70	7,170.50	19.31	33.31	121.29	226.19	-793.77	850.01	805.93	44.08	19.282			
6,800.00	6,685.98	7,786.50	7,169.10	20.26	32.07	120.65	226.26	-862.95	809.28	763.93	45.34	17.848			
6,900.00	6,744.53	7,706.88	7,167.48	21.45	30.75	119.43	226.33	-942.55	778.72	732.20	46.53	16.737			
7,000.00	6,789.75	7,521.22	7,143.30	22.91	28.14	113.88	225.99	-1,126.02	753.23	706.28	46.95	16.042			
7,100.00	6,820.51	7,354.83	7,077.92	24.63	26.45	107.84	224.58	-1,278.51	724.99	676.36	48.63	14.909			
7,200.00	6,836.06	7,229.42	7,003.74	26.56	25.65	102.95	222.88	-1,379.36	698.81	647.73	51.08	13.680			
7,300.00	6,838.04	7,129.55	6,931.41	28.64	25.27	97.80	221.18	-1,448.06	677.24	623.54	53.70	12.611			
7,400.00	6,838.13	7,056.37	6,872.05	30.86	25.09	92.69	219.76	-1,490.77	662.11	605.85	56.25	11.770			
7,497.27	6,838.20	7,003.87	6,826.65	33.14	25.00	88.73	218.66	-1,517.07	656.73	598.37	58.36	11.253			
7,500.00	6,838.21	7,002.60	6,825.52	33.21	25.00	88.63	218.64	-1,517.66	656.73	598.32	58.41	11.243			
7,600.00	6,838.29	6,961.96	6,788.95	35.65	24.96	85.44	217.75	-1,535.33	663.21	603.26	59.95	11.063 SF			
7,700.00	6,838.37	6,930.41	6,759.81	38.16	24.93	82.91	217.04	-1,547.41	682.25	621.51	60.75	11.231			
7,800.00	6,838.45	6,905.31	6,736.23	40.74	24.90	80.89	216.46	-1,555.98	713.48	652.63	60.85	11.726			
7,900.00	6,838.53	6,884.93	6,716.84	43.37	24.89	79.23	215.99	-1,562.26	755.76	695.36	60.40	12.512			
8,000.00	6,838.61	6,868.08	6,700.68	46.04	24.88	77.86	215.59	-1,566.97	807.59	748.00	59.60	13.551			
8,100.00	6,838.70	6,850.00	6,683.19	48.74	24.87	76.40	215.16	-1,571.55	867.44	808.86	58.57	14.809			
8,200.00	6,838.78	6,850.00	6,683.19	51.48	24.87	76.40	215.16	-1,571.55	933.87	876.31	57.56	16.224			
8,300.00	6,838.86	6,831.57	6,665.24	54.23	24.86	74.91	214.72	-1,575.71	1,005.51	949.05	56.46	17.810			
8,400.00	6,838.94	6,822.58	6,656.45	57.01	24.85	74.19	214.51	-1,577.55	1,081.52	1,026.08	55.45	19.505			
8,500.00	6,839.02	6,814.70	6,648.71	59.81	24.84	73.56	214.31	-1,579.06	1,161.04	1,106.52	54.52	21.297			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	3.00	3.28	3.28	-83.18	21.50	-179.87	181.15				
100.00	100.00	103.00	103.00	3.28	3.28	-83.18	21.50	-179.87	181.15	173.62	7.53	24.065	
200.00	200.00	203.00	203.00	3.30	3.30	-83.18	21.50	-179.87	181.15	173.58	7.57	23.932	
255.60	255.60	258.10	258.10	3.32	3.32	38.87	21.50	-179.88	180.95	173.34	7.61	23.775	CC, ES
300.00	300.00	299.92	299.91	3.34	3.34	38.87	21.46	-180.30	181.26	173.61	7.65	23.694	
400.00	399.93	394.08	394.02	3.40	3.40	39.29	21.16	-183.48	181.86	174.10	7.76	23.449	
500.00	499.68	488.20	487.92	3.48	3.48	40.15	20.55	-189.72	182.98	175.09	7.90	23.171	
600.00	599.13	582.24	581.50	3.59	3.58	41.41	19.66	-199.03	184.71	176.63	8.08	22.864	
700.00	698.32	676.19	674.62	3.73	3.71	42.83	18.47	-211.37	188.04	179.73	8.30	22.650	
800.00	797.51	769.93	767.08	3.90	3.87	43.93	16.99	-226.71	194.58	186.01	8.57	22.708	
900.00	896.70	863.25	858.58	4.08	4.07	44.68	15.24	-244.96	204.27	195.40	8.87	23.017	
1,000.00	995.89	955.97	948.84	4.29	4.31	45.10	13.21	-266.02	217.05	207.83	9.22	23.551	
1,100.00	1,095.08	1,053.94	1,043.75	4.52	4.61	45.33	10.88	-290.21	231.74	222.10	9.64	24.042	
1,200.00	1,194.27	1,152.85	1,139.56	4.76	4.94	45.53	8.52	-314.66	246.47	236.37	10.10	24.398	
1,300.00	1,293.46	1,251.75	1,235.37	5.01	5.30	45.71	6.17	-339.11	261.20	250.61	10.59	24.655	
1,400.00	1,392.65	1,350.66	1,331.18	5.27	5.68	45.87	3.82	-363.56	275.94	264.82	11.11	24.827	
1,500.00	1,491.84	1,449.56	1,426.98	5.54	6.08	46.01	1.46	-388.01	290.67	279.03	11.65	24.960	
1,600.00	1,591.03	1,548.47	1,522.79	5.82	6.49	46.14	-0.89	-412.46	305.41	293.21	12.20	25.028	
1,700.00	1,690.22	1,647.38	1,618.60	6.11	6.91	46.26	-3.25	-436.91	320.15	307.37	12.77	25.062	
1,800.00	1,789.41	1,746.28	1,714.40	6.26	7.25	46.37	-5.60	-461.36	334.89	321.94	12.95	25.865	
1,900.00	1,888.60	1,845.19	1,810.21	6.29	7.42	46.47	-7.95	-485.81	349.63	336.72	12.91	27.092	
2,000.00	1,987.79	1,944.09	1,906.02	6.34	7.50	46.56	-10.31	-510.26	364.37	351.38	12.99	28.053	
2,100.00	2,086.98	2,043.00	2,001.83	6.41	7.62	46.64	-12.66	-534.71	379.11	366.00	13.11	28.917	
2,200.00	2,186.17	2,141.91	2,097.63	6.50	7.76	46.72	-15.02	-559.16	393.85	380.58	13.27	29.682	
2,300.00	2,285.36	2,240.81	2,193.44	6.60	7.94	46.79	-17.37	-583.61	408.60	395.13	13.46	30.346	
2,400.00	2,384.54	2,339.72	2,289.25	6.72	8.14	46.85	-19.72	-608.07	423.34	409.65	13.69	30.914	
2,500.00	2,483.73	2,438.62	2,385.06	6.86	8.37	46.92	-22.08	-632.52	438.08	424.13	13.96	31.389	
2,600.00	2,582.92	2,537.53	2,480.86	7.01	8.61	46.97	-24.43	-656.97	452.83	438.58	14.25	31.777	
2,700.00	2,682.11	2,636.44	2,576.67	7.17	8.88	47.03	-26.79	-681.42	467.58	453.00	14.57	32.085	
2,800.00	2,781.30	2,735.34	2,672.48	7.35	9.17	47.08	-29.14	-705.87	482.32	467.40	14.92	32.321	
2,900.00	2,880.49	2,834.25	2,768.28	7.54	9.48	47.13	-31.50	-730.32	497.07	481.77	15.30	32.493	
3,000.00	2,979.68	2,933.15	2,864.09	7.73	9.80	47.17	-33.85	-754.77	511.81	496.12	15.70	32.609	
3,100.00	3,078.87	3,032.06	2,959.90	7.94	10.13	47.21	-36.20	-779.22	526.56	510.45	16.12	32.674	
3,200.00	3,178.06	3,130.97	3,055.71	8.16	10.48	47.26	-38.56	-803.67	541.31	524.75	16.56	32.697	
3,300.00	3,277.25	3,229.87	3,151.51	8.39	10.84	47.29	-40.91	-828.12	556.06	539.04	17.01	32.684	
3,400.00	3,376.44	3,328.78	3,247.32	8.62	11.21	47.33	-43.27	-852.57	570.80	553.31	17.49	32.640	
3,500.00	3,475.63	3,427.68	3,343.13	8.86	11.59	47.36	-45.62	-877.02	585.55	567.57	17.98	32.571	
3,600.00	3,574.82	3,526.59	3,438.93	9.11	11.97	47.40	-47.97	-901.47	600.30	581.82	18.48	32.480	
3,700.00	3,674.01	3,625.49	3,534.74	9.36	12.37	47.43	-50.33	-925.92	615.05	596.05	19.00	32.372	
3,800.00	3,773.20	3,724.40	3,630.55	9.62	12.77	47.46	-52.68	-950.37	629.79	610.27	19.53	32.249	
3,900.00	3,872.39	3,823.31	3,726.36	9.89	13.18	47.49	-55.04	-974.82	644.54	624.47	20.07	32.116	
4,000.00	3,971.58	3,922.21	3,822.16	10.16	13.59	47.51	-57.39	-999.27	659.29	638.67	20.62	31.974	
4,100.00	4,070.77	4,021.12	3,917.97	10.43	14.01	47.54	-59.74	-1,023.72	674.04	652.86	21.18	31.825	
4,200.00	4,169.95	4,120.02	4,013.78	10.71	14.44	47.56	-62.10	-1,048.17	688.79	667.04	21.75	31.672	
4,300.00	4,269.14	4,218.93	4,109.59	10.99	14.87	47.59	-64.45	-1,072.62	703.54	681.21	22.32	31.515	
4,400.00	4,368.33	4,317.84	4,205.39	11.28	15.30	47.61	-66.81	-1,097.07	718.29	695.38	22.91	31.356	
4,500.00	4,467.52	4,416.74	4,301.20	11.57	15.74	47.63	-69.16	-1,121.52	733.04	709.54	23.50	31.196	
4,600.00	4,566.71	4,515.65	4,397.01	11.86	16.18	47.65	-71.52	-1,145.97	747.79	723.69	24.09	31.035	
4,700.00	4,665.90	4,614.55	4,492.81	12.15	16.62	47.67	-73.87	-1,170.42	762.54	737.84	24.70	30.875	
4,800.00	4,765.09	4,713.46	4,588.62	12.45	17.06	47.69	-76.22	-1,194.87	777.29	751.98	25.30	30.717	
4,900.00	4,864.28	4,812.37	4,684.43	12.75	17.51	47.71	-78.58	-1,219.33	792.04	766.12	25.92	30.560	
5,000.00	4,963.47	4,911.27	4,780.24	13.05	17.96	47.73	-80.93	-1,243.78	806.78	780.25	26.54	30.404	
5,100.00	5,062.66	5,010.18	4,876.04	13.36	18.42	47.75	-83.29	-1,268.23	821.53	794.38	27.16	30.251	
5,200.00	5,161.85	5,109.08	4,971.85	13.66	18.87	47.76	-85.64	-1,292.68	836.28	808.50	27.78	30.101	
5,300.00	5,261.04	5,207.99	5,067.66	13.97	19.33	47.78	-87.99	-1,317.13	851.03	822.62	28.41	29.953	
5,400.00	5,360.23	5,306.90	5,163.46	14.28	19.79	47.79	-90.35	-1,341.58	865.78	836.74	29.05	29.808	
5,500.00	5,459.42	5,405.80	5,259.27	14.59	20.25	47.81	-92.70	-1,366.03	880.53	850.85	29.68	29.666	
5,600.00	5,558.61	5,504.71	5,355.08	14.91	20.71	47.82	-95.06	-1,390.48	895.28	864.96	30.32	29.526	
5,700.00	5,657.80	5,603.61	5,450.89	15.22	21.18	47.84	-97.41	-1,414.93	910.03	879.07	30.96	29.390	
5,800.00	5,756.99	5,702.52	5,546.69	15.53	21.64	47.85	-99.77	-1,439.38	924.78	893.18	31.61	29.257	
5,900.00	5,856.18	5,801.43	5,642.50	15.85	22.11	47.87	-102.12	-1,463.83	939.54	907.28	32.26	29.127	
6,000.00	5,955.36	7,713.56	6,854.03	16.17	36.49	135.55	-127.43	-621.65	929.48	898.97	30.50	30.471	
6,100.00	6,054.55	7,705.07	6,853.83	16.49	36.31	134.05	-127.46	-630.13	836.09	804.66	31.42	26.609	
6,200.00	6,153.74	7,703.41	6,853.64	16.81	36.27	132.54	-127.49	-638.61	744.32	711.66	32.66	22.790	
6,300.00	6,252.93	7,688.10	6,853.44	17.13	35.96	131.00	-127.52	-647.10	654.85	620.69	34.16	19.171	
6,400.00	6,351.34	7,674.47	6,853.12	17.48	35.68	124.27	-127.56	-660.73	569.33	533.15	36.19	15.733	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (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	6,446.12	7,645.78	6,852.45	17.95	35.10	124.23	-127.66	-689.41	491.47	452.77	38.70	12.699	
6,600.00	6,534.91	7,602.47	6,851.44	18.55	34.22	122.98	-127.80	-732.70	424.91	383.22	41.69	10.193	
6,700.00	6,615.53	7,545.62	6,850.12	19.31	33.15	119.40	-127.99	-789.54	372.86	327.91	44.95	8.295	
6,800.00	6,685.98	7,476.62	6,848.51	20.26	31.90	113.71	-128.22	-858.53	337.11	289.16	47.95	7.031	
6,900.00	6,744.53	7,402.84	6,846.66	21.45	30.64	106.65	-128.48	-937.96	316.85	266.58	50.27	6.303	
7,000.00	6,789.75	7,304.93	6,841.32	22.91	29.15	98.63	-128.71	-1,029.98	308.00	256.37	51.62	5.966	
7,069.65	6,812.75	7,241.73	6,830.43	24.10	28.27	92.86	-128.70	-1,092.21	306.26	253.95	52.31	5.855	
7,100.00	6,820.51	7,215.12	6,824.01	24.63	27.93	90.38	-128.65	-1,118.04	306.58	254.11	52.47	5.843 SF	
7,200.00	6,836.06	7,130.82	6,796.65	26.56	26.96	82.51	-128.31	-1,197.71	311.85	259.23	52.62	5.926	
7,300.00	6,838.04	7,051.62	6,761.58	28.64	26.20	75.59	-127.76	-1,268.66	323.12	270.96	52.15	6.195	
7,400.00	6,838.13	6,981.75	6,723.53	30.86	25.69	69.24	-127.09	-1,327.21	343.98	293.11	50.86	6.763	
7,500.00	6,838.21	6,921.53	6,685.76	33.21	25.34	63.46	-126.38	-1,374.08	376.47	327.61	48.86	7.705	
7,600.00	6,838.29	6,869.96	6,650.02	35.65	25.11	58.50	-125.68	-1,411.23	420.45	373.87	46.58	9.026	
7,700.00	6,838.37	6,825.85	6,617.14	38.16	24.95	54.38	-125.01	-1,440.62	474.56	430.13	44.43	10.681	
7,800.00	6,838.45	6,788.03	6,587.39	40.74	24.84	50.99	-124.40	-1,463.95	537.03	494.40	42.62	12.599	
7,900.00	6,838.53	6,750.00	6,556.13	43.37	24.75	47.77	-123.75	-1,485.59	606.19	565.02	41.17	14.722	
8,000.00	6,838.61	6,727.26	6,536.85	46.04	24.71	45.94	-123.34	-1,497.63	680.50	640.38	40.12	16.963	
8,100.00	6,838.70	6,700.00	6,513.18	48.74	24.67	43.84	-122.84	-1,511.14	758.99	719.69	39.30	19.313	
8,200.00	6,838.78	6,681.17	6,496.50	51.48	24.65	42.46	-122.48	-1,519.87	840.71	802.00	38.71	21.716	
8,300.00	6,838.86	6,650.00	6,468.35	54.23	24.61	40.29	-121.86	-1,533.23	925.24	887.02	38.22	24.206	
8,400.00	6,838.94	6,650.00	6,468.35	57.01	24.61	40.29	-121.86	-1,533.23	1,011.53	973.56	37.97	26.643	
8,500.00	6,839.02	6,630.36	6,450.28	59.81	24.59	39.00	-121.47	-1,540.94	1,099.67	1,061.96	37.71	29.162	
8,600.00	6,839.10	6,616.91	6,437.78	62.62	24.58	38.14	-121.19	-1,545.89	1,189.26	1,151.72	37.54	31.683	

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	-76.98	41.54	-179.59	184.33				
100.00	100.00	103.00	103.00	3.28	3.28	-76.98	41.54	-179.59	184.33	176.81	7.53	24.488	
200.00	200.00	203.00	203.00	3.30	3.30	-76.98	41.54	-179.59	184.33	176.76	7.57	24.352	
264.72	264.72	266.68	266.68	3.33	3.33	45.10	41.54	-179.64	184.13	176.51	7.62	24.168	CC, ES
300.00	300.00	299.89	299.89	3.34	3.34	45.08	41.53	-180.03	184.47	176.82	7.65	24.113	
400.00	399.93	394.00	393.93	3.40	3.40	45.54	41.46	-183.21	185.29	177.54	7.76	23.890	
500.00	499.68	488.04	487.77	3.48	3.48	46.46	41.31	-189.47	186.88	178.98	7.90	23.658	
600.00	599.13	581.98	581.24	3.59	3.58	47.81	41.10	-198.80	189.30	181.22	8.08	23.421	
700.00	698.32	675.80	674.23	3.73	3.71	49.34	40.82	-211.17	193.49	185.18	8.31	23.283	
800.00	797.51	769.37	766.53	3.90	3.87	50.50	40.47	-226.53	200.86	192.27	8.58	23.404	
900.00	896.70	862.51	857.86	4.08	4.07	51.28	40.06	-244.81	211.34	202.44	8.89	23.760	
1,000.00	995.89	955.39	948.29	4.29	4.31	51.70	39.58	-265.97	224.84	215.60	9.25	24.319	
1,100.00	1,095.08	1,054.28	1,044.23	4.52	4.61	51.98	39.04	-289.89	239.69	230.01	9.68	24.755	
1,200.00	1,194.27	1,153.16	1,140.18	4.76	4.93	52.22	38.49	-313.80	254.54	244.38	10.15	25.073	
1,300.00	1,293.46	1,252.05	1,236.13	5.01	5.29	52.43	37.95	-337.72	269.39	258.74	10.65	25.293	
1,400.00	1,392.65	1,350.94	1,332.08	5.27	5.66	52.62	37.41	-361.64	284.24	273.07	11.18	25.431	
1,500.00	1,491.84	1,449.82	1,428.03	5.54	6.04	52.79	36.87	-385.55	299.10	287.38	11.72	25.530	
1,600.00	1,591.03	1,548.71	1,523.98	5.82	6.44	52.95	36.32	-409.47	313.96	301.68	12.28	25.568	
1,700.00	1,690.22	1,647.59	1,619.93	6.11	6.86	53.09	35.78	-433.39	328.82	315.96	12.86	25.573	
1,800.00	1,789.41	1,746.48	1,715.88	6.26	7.19	53.22	35.24	-457.30	343.69	330.65	13.04	26.363	
1,900.00	1,888.60	1,845.37	1,811.83	6.29	7.34	53.34	34.70	-481.22	358.55	345.56	13.00	27.586	
2,000.00	1,987.79	1,944.25	1,907.77	6.34	7.43	53.45	34.15	-505.14	373.42	360.34	13.09	28.538	
2,100.00	2,086.98	2,043.14	2,003.72	6.41	7.54	53.55	33.61	-529.05	388.29	375.08	13.21	29.391	
2,200.00	2,186.17	2,142.03	2,099.67	6.50	7.68	53.64	33.07	-552.97	403.16	389.78	13.38	30.143	
2,300.00	2,285.36	2,240.91	2,195.62	6.60	7.85	53.73	32.53	-576.89	418.03	404.45	13.58	30.794	
2,400.00	2,384.54	2,339.80	2,291.57	6.72	8.04	53.81	31.98	-600.80	432.90	419.09	13.81	31.346	
2,500.00	2,483.73	2,438.68	2,387.52	6.86	8.26	53.89	31.44	-624.72	447.77	433.69	14.08	31.806	
2,600.00	2,582.92	2,537.57	2,483.47	7.01	8.50	53.96	30.90	-648.64	462.65	448.27	14.38	32.179	
2,700.00	2,682.11	2,636.46	2,579.42	7.17	8.76	54.02	30.36	-672.55	477.52	462.81	14.71	32.471	
2,800.00	2,781.30	2,735.34	2,675.37	7.35	9.04	54.09	29.81	-696.47	492.39	477.33	15.06	32.692	
2,900.00	2,880.49	2,834.23	2,771.31	7.54	9.34	54.15	29.27	-720.39	507.27	491.83	15.44	32.849	
3,000.00	2,979.68	2,933.12	2,867.26	7.73	9.65	54.20	28.73	-744.30	522.14	506.30	15.85	32.949	
3,100.00	3,078.87	3,032.00	2,963.21	7.94	9.97	54.25	28.19	-768.22	537.02	520.75	16.27	33.000	
3,200.00	3,178.06	3,130.89	3,059.16	8.16	10.31	54.30	27.64	-792.14	551.89	535.18	16.72	33.010	
3,300.00	3,277.25	3,229.77	3,155.11	8.39	10.66	54.35	27.10	-816.05	566.77	549.59	17.18	32.983	
3,400.00	3,376.44	3,328.66	3,251.06	8.62	11.02	54.39	26.56	-839.97	581.65	563.98	17.66	32.927	
3,500.00	3,475.63	3,427.55	3,347.01	8.86	11.39	54.44	26.02	-863.89	596.52	578.36	18.16	32.845	
3,600.00	3,574.82	3,526.43	3,442.96	9.11	11.76	54.48	25.47	-887.80	611.40	592.73	18.67	32.743	
3,700.00	3,674.01	3,625.32	3,538.91	9.36	12.15	54.51	24.93	-911.72	626.28	607.08	19.20	32.624	
3,800.00	3,773.20	3,724.21	3,634.85	9.62	12.54	54.55	24.39	-935.64	641.16	621.42	19.73	32.491	
3,900.00	3,872.39	3,823.09	3,730.80	9.89	12.93	54.59	23.84	-959.55	656.04	635.75	20.28	32.348	
4,000.00	3,971.58	3,921.98	3,826.75	10.16	13.34	54.62	23.30	-983.47	670.91	650.08	20.84	32.197	
4,100.00	4,070.77	4,020.86	3,922.70	10.43	13.75	54.65	22.76	-1,007.39	685.79	664.39	21.40	32.039	
4,200.00	4,169.95	4,119.75	4,018.65	10.71	14.16	54.68	22.22	-1,031.30	700.67	678.69	21.98	31.878	
4,300.00	4,269.14	4,218.64	4,114.60	10.99	14.58	54.71	21.67	-1,055.22	715.55	692.99	22.56	31.713	
4,400.00	4,368.33	4,317.52	4,210.55	11.28	15.00	54.74	21.13	-1,079.13	730.43	707.28	23.15	31.546	
4,500.00	4,467.52	4,416.41	4,306.50	11.57	15.42	54.77	20.59	-1,103.05	745.31	721.56	23.75	31.379	
4,600.00	4,566.71	4,515.30	4,402.45	11.86	15.85	54.79	20.05	-1,126.97	760.19	735.83	24.36	31.212	
4,700.00	4,665.90	4,614.18	4,498.39	12.15	16.28	54.82	19.50	-1,150.88	775.07	750.10	24.96	31.046	
4,800.00	4,765.09	4,713.07	4,594.34	12.45	16.72	54.84	18.96	-1,174.80	789.95	764.37	25.58	30.882	
4,900.00	4,864.28	4,811.95	4,690.29	12.75	17.15	54.86	18.42	-1,198.72	804.83	778.63	26.20	30.719	
5,000.00	4,963.47	4,910.84	4,786.24	13.05	17.59	54.89	17.88	-1,222.63	819.71	792.88	26.82	30.558	
5,100.00	5,062.66	5,009.73	4,882.19	13.36	18.04	54.91	17.33	-1,246.55	834.59	807.13	27.45	30.400	
5,200.00	5,161.85	5,108.61	4,978.14	13.66	18.48	54.93	16.79	-1,270.47	849.47	821.38	28.09	30.245	
5,300.00	5,261.04	5,207.50	5,074.09	13.97	18.93	54.95	16.25	-1,294.38	864.35	835.62	28.72	30.092	
5,400.00	5,360.23	5,306.39	5,170.04	14.28	19.37	54.97	15.71	-1,318.30	879.23	849.86	29.36	29.943	
5,500.00	5,459.42	5,405.27	5,265.99	14.59	19.82	54.99	15.16	-1,342.22	894.11	864.10	30.01	29.796	
5,600.00	5,558.61	5,504.16	5,361.93	14.91	20.27	55.00	14.62	-1,366.13	908.99	878.34	30.65	29.653	
5,700.00	5,657.80	5,603.04	5,457.88	15.22	20.73	55.02	14.08	-1,390.05	923.87	892.57	31.30	29.513	
5,800.00	5,756.99	5,701.93	5,553.83	15.53	21.18	55.04	13.54	-1,413.97	938.75	906.79	31.96	29.376	
5,900.00	5,856.18	5,800.82	5,649.78	15.85	21.64	55.05	12.99	-1,437.88	953.63	921.02	32.61	29.243	
6,000.00	5,955.36	5,900.30	5,745.73	16.17	22.10	55.07	12.45	-1,461.80	968.51	935.24	33.27	29.110	
6,100.00	6,054.55	6,001.41	5,841.68	16.49	22.56	55.09	11.91	-1,485.72	983.39	949.46	33.94	28.976	
6,200.00	6,153.74	7,823.58	6,983.06	16.81	36.25	130.96	4.07	-638.74	914.94	880.40	34.53	26.494	
6,300.00	6,252.93	7,814.94	6,982.88	17.13	36.07	129.88	4.08	-647.37	829.47	793.40	36.07	22.994	
6,400.00	6,351.34	7,801.16	6,982.58	17.48	35.78	122.19	4.10	-661.16	748.07	710.17	37.90	19.739	

Offset Design										5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft	
Survey Program:										0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance																
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning										
6,500.00	6,446.12	7,772.33	6,981.96	17.95	35.21	122.38	4.14	-689.98	673.91	633.98	39.92	16.880											
6,600.00	6,534.91	7,728.89	6,981.03	18.55	34.35	122.50	4.20	-733.41	609.69	567.61	42.07	14.491											
6,700.00	6,615.53	7,671.92	6,979.80	19.31	33.26	121.20	4.28	-790.37	557.40	513.17	44.23	12.601											
6,800.00	6,685.98	7,602.81	6,978.32	20.26	32.00	118.59	4.37	-859.46	517.92	471.68	46.24	11.200											
6,900.00	6,744.53	7,523.26	6,976.61	21.45	30.68	115.13	4.48	-938.99	490.66	442.64	48.02	10.217											
7,000.00	6,789.75	7,412.32	6,968.89	22.91	29.01	109.86	4.66	-1,049.55	472.29	422.81	49.48	9.546											
7,100.00	6,820.51	7,301.09	6,942.65	24.63	27.56	103.87	4.95	-1,157.51	457.66	406.45	51.20	8.938											
7,200.00	6,836.06	7,201.30	6,903.45	26.56	26.53	97.98	5.29	-1,249.15	447.73	394.70	53.03	8.443											
7,300.00	6,838.04	7,111.22	6,856.15	28.64	25.83	91.95	5.67	-1,325.73	443.16	388.50	54.66	8.108											
7,319.63	6,838.06	7,095.21	6,846.63	29.08	25.72	90.72	5.74	-1,338.61	443.00	388.06	54.94	8.063											
7,400.00	6,838.13	7,035.63	6,808.44	30.86	25.39	85.79	6.02	-1,384.31	445.98	390.17	55.81	7.991	SF										
7,500.00	6,838.21	6,973.54	6,764.29	33.21	25.14	80.18	6.34	-1,427.92	459.63	403.53	56.10	8.193											
7,600.00	6,838.29	6,922.55	6,724.99	35.65	24.98	75.35	6.61	-1,460.39	485.89	430.44	55.45	8.763											
7,700.00	6,838.37	6,880.43	6,690.64	38.16	24.88	71.30	6.85	-1,484.76	524.67	470.57	54.10	9.698											
7,800.00	6,838.45	6,850.00	6,664.87	40.74	24.81	68.38	7.02	-1,500.93	574.67	522.24	52.43	10.962											
7,900.00	6,838.53	6,815.81	6,635.03	43.37	24.77	65.15	7.22	-1,517.61	633.95	583.26	50.68	12.508											
8,000.00	6,838.61	6,790.74	6,612.60	46.04	24.73	62.82	7.37	-1,528.80	700.74	651.66	49.08	14.276											
8,100.00	6,838.70	6,769.23	6,593.02	48.74	24.71	60.88	7.49	-1,537.70	773.43	725.74	47.69	16.219											
8,200.00	6,838.78	6,750.00	6,575.26	51.48	24.69	59.17	7.61	-1,545.09	850.73	804.23	46.50	18.295											
8,300.00	6,838.86	6,734.41	6,560.71	54.23	24.68	57.82	7.70	-1,550.68	931.67	886.16	45.52	20.469											
8,400.00	6,838.94	6,720.15	6,547.29	57.01	24.67	56.60	7.79	-1,555.49	1,015.49	970.80	44.70	22.719											
8,500.00	6,839.02	6,700.00	6,528.14	59.81	24.65	54.93	7.91	-1,561.76	1,101.69	1,057.70	43.99	25.044											
8,600.00	6,839.10	6,700.00	6,528.14	62.62	24.65	54.93	7.91	-1,561.76	1,189.63	1,146.15	43.47	27.365											

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1										Offset Site Error:0.00 usft			
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:3.28 usft			
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-65.62	81.25	-179.31	196.86				
100.00	100.00	103.00	103.00	3.28	3.28	-65.62	81.25	-179.31	196.86	189.33	7.53	26.152	
200.00	200.00	203.00	203.00	3.30	3.30	-65.62	81.25	-179.31	196.86	189.29	7.57	26.007	
267.13	267.13	268.85	268.85	3.33	3.33	56.47	81.26	-179.37	196.71	189.09	7.62	25.812	CC, ES
300.00	300.00	299.64	299.64	3.34	3.34	56.45	81.35	-179.73	197.07	189.42	7.65	25.759	
400.00	399.93	393.25	393.19	3.40	3.40	57.05	82.13	-182.79	198.47	190.71	7.76	25.583	
500.00	499.68	486.72	486.45	3.48	3.48	58.23	83.65	-188.79	201.24	193.33	7.90	25.465	
600.00	599.13	579.96	579.23	3.59	3.58	59.93	85.90	-197.71	205.51	197.42	8.09	25.408	
700.00	698.32	672.91	671.38	3.73	3.71	61.89	88.89	-209.52	212.06	203.74	8.32	25.488	
800.00	797.51	765.51	762.73	3.90	3.87	63.51	92.59	-224.16	221.93	213.33	8.60	25.817	
900.00	896.70	857.56	853.02	4.08	4.06	64.75	96.99	-241.54	234.99	226.08	8.91	26.360	
1,000.00	995.89	948.89	941.98	4.29	4.29	65.62	102.06	-261.55	251.13	241.87	9.27	27.104	
1,100.00	1,095.08	1,045.85	1,035.95	4.52	4.58	66.28	107.92	-284.72	269.27	259.57	9.70	27.764	
1,200.00	1,194.27	1,144.14	1,131.19	4.76	4.90	66.86	113.88	-308.26	287.48	277.31	10.17	28.254	
1,300.00	1,293.46	1,242.43	1,226.43	5.01	5.25	67.37	119.83	-331.80	305.72	295.04	10.68	28.620	
1,400.00	1,392.65	1,340.72	1,321.67	5.27	5.62	67.83	125.79	-355.33	323.98	312.76	11.22	28.883	
1,500.00	1,491.84	1,439.00	1,416.92	5.54	6.00	68.23	131.74	-378.87	342.25	330.48	11.77	29.088	
1,600.00	1,591.03	1,537.29	1,512.16	5.82	6.40	68.60	137.70	-402.40	360.54	348.20	12.34	29.215	
1,700.00	1,690.22	1,635.58	1,607.40	6.11	6.81	68.93	143.65	-425.94	378.85	365.91	12.93	29.296	
1,800.00	1,789.41	1,733.87	1,702.65	6.26	7.16	69.23	149.61	-449.47	397.16	384.02	13.14	30.225	
1,900.00	1,888.60	1,832.16	1,797.89	6.29	7.34	69.50	155.57	-473.01	415.48	402.36	13.13	31.649	
2,000.00	1,987.79	1,930.45	1,893.13	6.34	7.42	69.75	161.52	-496.54	433.82	420.60	13.22	32.813	
2,100.00	2,086.98	2,028.73	1,988.38	6.41	7.53	69.98	167.48	-520.08	452.16	438.80	13.35	33.860	
2,200.00	2,186.17	2,127.02	2,083.62	6.50	7.67	70.19	173.43	-543.61	470.50	456.98	13.52	34.788	
2,300.00	2,285.36	2,225.31	2,178.86	6.60	7.84	70.39	179.39	-567.15	488.85	475.12	13.73	35.596	
2,400.00	2,384.54	2,323.60	2,274.10	6.72	8.03	70.57	185.34	-590.68	507.21	493.23	13.98	36.288	
2,500.00	2,483.73	2,421.89	2,369.35	6.86	8.24	70.74	191.30	-614.22	525.57	511.32	14.26	36.869	
2,600.00	2,582.92	2,520.18	2,464.59	7.01	8.48	70.90	197.25	-637.75	543.94	529.37	14.56	37.346	
2,700.00	2,682.11	2,618.46	2,559.83	7.17	8.74	71.04	203.21	-661.29	562.31	547.40	14.90	37.728	
2,800.00	2,781.30	2,716.75	2,655.08	7.35	9.02	71.18	209.17	-684.82	580.68	565.41	15.27	38.024	
2,900.00	2,880.49	2,815.04	2,750.32	7.54	9.31	71.31	215.12	-708.36	599.06	583.39	15.66	38.242	
3,000.00	2,979.68	2,913.33	2,845.56	7.73	9.62	71.43	221.08	-731.90	617.44	601.35	16.08	38.393	
3,100.00	3,078.87	3,011.62	2,940.81	7.94	9.94	71.55	227.03	-755.43	635.82	619.30	16.52	38.485	
3,200.00	3,178.06	3,109.91	3,036.05	8.16	10.28	71.66	232.99	-778.97	654.20	637.22	16.98	38.527	
3,300.00	3,277.25	3,208.19	3,131.29	8.39	10.63	71.76	238.94	-802.50	672.59	655.13	17.46	38.524	
3,400.00	3,376.44	3,306.48	3,226.53	8.62	10.99	71.86	244.90	-826.04	690.97	673.02	17.96	38.483	
3,500.00	3,475.63	3,404.77	3,321.78	8.86	11.35	71.95	250.85	-849.57	709.36	690.90	18.47	38.414	
3,600.00	3,574.82	3,503.06	3,417.02	9.11	11.73	72.04	256.81	-873.11	727.75	708.76	18.99	38.317	
3,700.00	3,674.01	3,601.35	3,512.26	9.36	12.11	72.12	262.77	-896.64	746.15	726.61	19.53	38.201	
3,800.00	3,773.20	3,700.36	3,607.51	9.62	12.50	72.20	268.72	-920.18	764.54	744.45	20.09	38.063	
3,900.00	3,872.39	3,802.07	3,702.75	9.89	12.92	72.27	274.68	-943.71	782.94	762.28	20.66	37.897	
4,000.00	3,971.58	3,896.21	3,797.99	10.16	13.30	72.34	280.63	-967.25	801.33	780.11	21.22	37.763	
4,100.00	4,070.77	3,994.50	3,893.24	10.43	13.71	72.41	286.59	-990.78	819.73	797.93	21.80	37.597	
4,200.00	4,169.95	4,107.21	3,988.48	10.71	14.18	72.48	292.54	-1,014.32	838.13	815.69	22.44	37.348	
4,300.00	4,269.14	4,208.92	4,083.72	10.99	14.62	72.54	298.50	-1,037.85	856.53	833.48	23.05	37.156	
4,400.00	4,368.33	4,289.37	4,178.96	11.28	14.96	72.60	304.45	-1,061.39	874.93	851.33	23.60	37.071	
4,500.00	4,467.52	4,387.66	4,274.21	11.57	15.38	72.66	310.41	-1,084.93	893.33	869.12	24.22	36.891	
4,600.00	4,566.71	4,485.94	4,369.45	11.86	15.81	72.71	316.36	-1,108.46	911.73	886.90	24.84	36.710	
4,700.00	4,665.90	4,584.23	4,464.69	12.15	16.24	72.77	322.32	-1,132.00	930.14	904.68	25.46	36.530	
4,800.00	4,765.09	4,682.52	4,559.94	12.45	16.68	72.82	328.28	-1,155.53	948.54	922.45	26.09	36.351	
4,900.00	4,864.28	4,780.81	4,655.18	12.75	17.12	72.87	334.23	-1,179.07	966.95	940.22	26.73	36.173	
5,000.00	4,963.47	4,879.10	4,750.42	13.05	17.56	72.91	340.19	-1,202.60	985.35	957.98	27.37	35.998	
5,100.00	5,062.66	4,977.39	4,845.67	13.36	18.00	72.96	346.14	-1,226.14	1,003.76	975.74	28.02	35.824	
5,200.00	5,161.85	5,075.67	4,940.91	13.66	18.44	73.00	352.10	-1,249.67	1,022.17	993.50	28.67	35.654	
5,300.00	5,261.04	5,173.96	5,036.15	13.97	18.89	73.05	358.05	-1,273.21	1,040.57	1,011.25	29.32	35.486	
5,400.00	5,360.23	5,272.25	5,131.39	14.28	19.33	73.09	364.01	-1,296.74	1,058.98	1,029.00	29.98	35.322	
5,500.00	5,459.42	5,370.54	5,226.64	14.59	19.78	73.13	369.96	-1,320.28	1,077.39	1,046.75	30.64	35.160	
5,600.00	5,558.61	5,468.83	5,321.88	14.91	20.23	73.17	375.92	-1,343.81	1,095.80	1,064.49	31.31	35.002	
5,700.00	5,657.80	5,567.12	5,417.12	15.22	20.69	73.20	381.88	-1,367.35	1,114.21	1,082.23	31.97	34.848	
5,800.00	5,756.99	5,665.40	5,512.37	15.53	21.14	73.24	387.83	-1,390.88	1,132.62	1,099.97	32.64	34.696	
5,900.00	5,856.18	5,763.69	5,607.61	15.85	21.60	73.27	393.79	-1,414.42	1,151.03	1,117.71	33.32	34.548	
6,000.00	5,955.36	5,861.98	5,702.85	16.17	22.05	73.31	399.74	-1,437.95	1,169.44	1,135.45	33.99	34.404	
6,100.00	6,054.55	5,960.27	5,798.10	16.49	22.51	73.34	405.70	-1,461.49	1,187.85	1,153.18	34.67	34.262	
6,300.00	6,252.93	7,928.35	7,058.30	17.13	37.07	127.88	448.03	-623.40	1,163.94	1,120.34	43.59	26.700	
6,400.00	6,351.34	7,914.72	7,058.02	17.48	36.78	116.52	448.45	-637.01	1,103.72	1,058.46	45.26	24.385	
6,500.00	6,446.12	7,886.05	7,057.41	17.95	36.20	114.12	449.33	-665.66	1,051.54	1,004.76	46.78	22.481	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,600.00	6,534.91	7,842.78	7,056.50	18.55	35.33	113.27	450.65	-708.91	1,008.77	960.70	48.07	20.986	
6,700.00	6,615.53	7,785.96	7,055.31	19.31	34.23	112.09	452.38	-765.69	975.89	926.80	49.10	19.877	
6,800.00	6,685.98	7,716.99	7,053.86	20.26	32.96	110.35	454.49	-834.61	952.51	902.59	49.92	19.081	
6,900.00	6,744.53	7,637.58	7,052.19	21.45	31.61	108.24	456.92	-913.96	937.45	886.81	50.64	18.513	
7,000.00	6,789.75	7,521.03	7,046.94	22.91	29.81	105.24	460.32	-1,030.29	928.60	877.61	50.99	18.210	
7,100.00	6,820.51	7,369.14	7,011.81	24.63	27.87	100.92	463.07	-1,177.67	919.71	868.24	51.47	17.869	
7,200.00	6,836.06	7,242.52	6,956.57	26.56	26.68	97.09	463.66	-1,291.37	910.95	858.19	52.76	17.266	
7,300.00	6,838.04	7,135.43	6,893.08	28.64	26.01	93.30	462.92	-1,377.45	903.58	849.06	54.51	16.576	
7,400.00	6,838.13	7,051.69	6,833.93	30.86	25.65	89.54	461.56	-1,436.63	899.33	842.83	56.50	15.917	
7,429.22	6,838.15	7,031.11	6,818.24	31.55	25.59	88.54	461.12	-1,449.95	899.07	841.96	57.10	15.744	
7,500.00	6,838.21	6,987.22	6,783.41	33.21	25.47	86.32	460.07	-1,476.61	900.75	842.28	58.47	15.405	
7,600.00	6,838.29	6,937.00	6,741.42	35.65	25.37	83.65	458.64	-1,504.09	909.55	849.32	60.22	15.103	
7,700.00	6,838.37	6,897.24	6,706.73	38.16	25.31	81.46	457.36	-1,523.45	926.59	864.95	61.65	15.031 SF	
7,800.00	6,838.45	6,865.22	6,677.94	40.74	25.28	79.65	456.23	-1,537.45	952.14	889.45	62.69	15.187	
7,900.00	6,838.53	6,838.99	6,653.88	43.37	25.25	78.15	455.24	-1,547.82	985.98	922.62	63.36	15.560	
8,000.00	6,838.61	6,817.18	6,633.56	46.04	25.23	76.90	454.38	-1,555.68	1,027.59	963.90	63.70	16.132	
8,100.00	6,838.70	6,800.00	6,617.36	48.74	25.22	75.91	453.67	-1,561.38	1,076.27	1,012.51	63.75	16.881	
8,200.00	6,838.78	6,783.14	6,601.34	51.48	25.20	74.93	452.96	-1,566.55	1,131.23	1,067.64	63.58	17.791	
8,300.00	6,838.86	6,769.64	6,588.40	54.23	25.20	74.15	452.37	-1,570.38	1,191.70	1,128.43	63.26	18.837	

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	
0.00	0.00	0.00	0.00	3.28	3.28	0.53	119.87	1.11	119.87				
100.00	100.00	100.00	100.00	3.28	3.28	0.53	119.87	1.11	119.87	112.34	7.53	15.925	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	119.87	1.11	119.87	112.30	7.57	15.838	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	119.87	1.11	119.87	112.30	7.57	15.838	CC, ES
300.00	300.00	298.50	298.50	3.34	3.34	122.56	120.17	0.84	120.42	112.77	7.65	15.738	SF
400.00	399.93	395.36	395.29	3.40	3.41	122.78	122.61	-1.35	124.79	117.02	7.77	16.062	
500.00	499.68	491.79	491.51	3.48	3.49	123.16	127.44	-5.71	133.52	125.59	7.93	16.833	
600.00	599.13	587.54	586.76	3.59	3.60	123.63	134.63	-12.18	146.59	138.44	8.14	18.003	
700.00	698.32	682.47	680.83	3.73	3.73	124.01	144.08	-20.69	163.25	154.85	8.40	19.439	
800.00	797.51	780.07	777.24	3.90	3.89	123.88	155.39	-30.87	181.50	172.79	8.70	20.851	
900.00	896.70	878.39	874.34	4.08	4.08	123.77	166.82	-41.16	199.78	190.73	9.06	22.062	
1,000.00	995.89	976.70	971.44	4.29	4.29	123.67	178.24	-51.45	218.07	208.62	9.44	23.093	
1,100.00	1,095.08	1,075.01	1,068.55	4.52	4.52	123.59	189.67	-61.74	236.35	226.49	9.86	23.967	
1,200.00	1,194.27	1,173.33	1,165.65	4.76	4.76	123.52	201.10	-72.03	254.64	244.33	10.31	24.703	
1,300.00	1,293.46	1,271.64	1,262.75	5.01	5.02	123.46	212.53	-82.32	272.92	262.15	10.78	25.323	
1,400.00	1,392.65	1,369.95	1,359.86	5.27	5.29	123.40	223.96	-92.61	291.21	279.94	11.27	25.845	
1,500.00	1,491.84	1,468.27	1,456.96	5.54	5.57	123.36	235.39	-102.91	309.50	297.72	11.78	26.283	
1,600.00	1,591.03	1,566.58	1,554.06	5.82	5.85	123.31	246.82	-113.20	327.79	315.49	12.30	26.652	
1,700.00	1,690.22	1,664.89	1,651.17	6.11	6.15	123.28	258.25	-123.49	346.07	333.24	12.83	26.963	
1,800.00	1,789.41	1,763.21	1,748.27	6.26	6.36	123.24	269.68	-133.78	364.36	351.40	12.96	28.105	
1,900.00	1,888.60	1,861.52	1,845.37	6.29	6.44	123.21	281.11	-144.07	382.65	369.75	12.89	29.678	
2,000.00	1,987.79	1,959.83	1,942.47	6.34	6.49	123.19	292.54	-154.36	400.94	387.96	12.98	30.895	
2,100.00	2,086.98	2,058.15	2,039.58	6.41	6.56	123.16	303.97	-164.65	419.22	406.13	13.09	32.014	
2,200.00	2,186.17	2,156.46	2,136.68	6.50	6.65	123.14	315.40	-174.94	437.51	424.27	13.25	33.031	
2,300.00	2,285.36	2,254.77	2,233.78	6.60	6.75	123.12	326.83	-185.23	455.80	442.37	13.43	33.943	
2,400.00	2,384.54	2,353.09	2,330.89	6.72	6.88	123.10	338.25	-195.52	474.09	460.45	13.64	34.754	
2,500.00	2,483.73	2,451.40	2,427.99	6.86	7.01	123.08	349.68	-205.81	492.37	478.49	13.88	35.466	
2,600.00	2,582.92	2,549.71	2,525.09	7.01	7.17	123.06	361.11	-216.11	510.66	496.51	14.15	36.083	
2,700.00	2,682.11	2,648.03	2,622.20	7.17	7.33	123.05	372.54	-226.40	528.95	514.50	14.45	36.611	
2,800.00	2,781.30	2,746.34	2,719.30	7.35	7.51	123.03	383.97	-236.69	547.24	532.47	14.77	37.057	
2,900.00	2,880.49	2,844.65	2,816.40	7.54	7.70	123.02	395.40	-246.98	565.53	550.42	15.11	37.428	
3,000.00	2,979.68	2,942.97	2,913.50	7.73	7.91	123.00	406.83	-257.27	583.81	568.34	15.47	37.731	
3,100.00	3,078.87	3,041.28	3,010.61	7.94	8.12	122.99	418.26	-267.56	602.10	586.25	15.86	37.973	
3,200.00	3,178.06	3,139.59	3,107.71	8.16	8.35	122.98	429.69	-277.85	620.39	604.13	16.26	38.161	
3,300.00	3,277.25	3,237.91	3,204.81	8.39	8.58	122.97	441.12	-288.14	638.68	622.00	16.68	38.301	
3,400.00	3,376.44	3,336.22	3,301.92	8.62	8.82	122.96	452.55	-298.43	656.97	639.86	17.11	38.399	
3,500.00	3,475.63	3,434.53	3,399.02	8.86	9.07	122.95	463.98	-308.72	675.26	657.70	17.56	38.461	
3,600.00	3,574.82	3,532.85	3,496.12	9.11	9.32	122.94	475.41	-319.02	693.54	675.53	18.02	38.491	
3,700.00	3,674.01	3,631.16	3,593.23	9.36	9.58	122.93	486.84	-329.31	711.83	693.34	18.49	38.495	
3,800.00	3,773.20	3,729.48	3,690.33	9.62	9.85	122.93	498.26	-339.60	730.12	711.14	18.98	38.475	
3,900.00	3,872.39	3,827.79	3,787.43	9.89	10.12	122.92	509.69	-349.89	748.41	728.94	19.47	38.436	
4,000.00	3,971.58	3,926.10	3,884.53	10.16	10.40	122.91	521.12	-360.18	766.70	746.72	19.98	38.380	
4,100.00	4,070.77	4,024.42	3,981.64	10.43	10.68	122.90	532.55	-370.47	784.99	764.50	20.49	38.310	
4,200.00	4,169.95	4,122.73	4,078.74	10.71	10.97	122.90	543.98	-380.76	803.27	782.26	21.01	38.229	
4,300.00	4,269.14	4,221.04	4,175.84	10.99	11.26	122.89	555.41	-391.05	821.56	800.02	21.54	38.138	
4,400.00	4,368.33	4,319.36	4,272.95	11.28	11.55	122.88	566.84	-401.34	839.85	817.77	22.08	38.039	
4,500.00	4,467.52	4,417.67	4,370.05	11.57	11.85	122.88	578.27	-411.63	858.14	835.52	22.62	37.934	
4,600.00	4,566.71	4,515.98	4,467.15	11.86	12.15	122.87	589.70	-421.93	876.43	853.26	23.17	37.824	
4,700.00	4,665.90	4,614.30	4,564.26	12.15	12.45	122.87	601.13	-432.22	894.72	870.99	23.73	37.710	
4,800.00	4,765.09	4,712.61	4,661.36	12.45	12.76	122.86	612.56	-442.51	913.00	888.72	24.29	37.593	
4,900.00	4,864.28	4,810.92	4,758.46	12.75	13.07	122.86	623.99	-452.80	931.29	906.44	24.85	37.473	
5,000.00	4,963.47	4,909.24	4,855.57	13.05	13.38	122.85	635.42	-463.09	949.58	924.16	25.42	37.353	
5,100.00	5,062.66	5,007.55	4,952.67	13.36	13.69	122.85	646.84	-473.38	967.87	941.87	26.00	37.231	
5,200.00	5,161.85	5,105.86	5,049.77	13.66	14.01	122.84	658.27	-483.67	986.16	959.58	26.57	37.109	
5,300.00	5,261.04	5,204.18	5,146.87	13.97	14.32	122.84	669.70	-493.96	1,004.45	977.29	27.16	36.988	
5,400.00	5,360.23	5,302.49	5,243.98	14.28	14.64	122.83	681.13	-504.25	1,022.73	994.99	27.74	36.866	
5,500.00	5,459.42	5,400.80	5,341.08	14.59	14.96	122.83	692.56	-514.54	1,041.02	1,012.69	28.33	36.746	
5,600.00	5,558.61	5,500.88	5,438.18	14.91	15.29	122.83	703.99	-524.83	1,059.31	1,030.38	28.93	36.619	
5,700.00	5,657.80	5,597.43	5,535.29	15.22	15.61	122.82	715.42	-535.13	1,077.60	1,048.08	29.52	36.508	
5,800.00	5,756.99	5,704.26	5,632.39	15.53	15.96	122.82	726.85	-545.42	1,095.89	1,065.75	30.14	36.359	
5,900.00	5,856.18	5,805.94	5,729.49	15.85	16.30	122.82	738.28	-555.71	1,114.18	1,083.42	30.75	36.232	
6,000.00	5,955.36	5,892.37	5,826.60	16.17	16.58	122.81	749.71	-566.00	1,132.46	1,101.15	31.32	36.161	
6,100.00	6,054.55	6,009.32	5,923.70	16.49	16.97	122.81	761.14	-576.29	1,150.75	1,118.77	31.98	35.984	
6,200.00	6,153.74	6,089.00	6,020.80	16.81	17.24	122.81	772.57	-586.58	1,169.04	1,136.51	32.53	35.939	
6,300.00	6,252.93	6,187.31	6,117.90	17.13	17.57	122.80	784.00	-596.87	1,187.33	1,154.19	33.14	35.830	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.60	79.79	0.84	79.80					
100.00	100.00	100.00	100.00	3.28	3.28	0.60	79.79	0.84	79.80	72.27	7.53	10.601		
200.00	200.00	200.00	200.00	3.30	3.30	0.60	79.79	0.84	79.80	72.23	7.57	10.543		
200.00	200.00	200.00	200.00	3.30	3.30	0.60	79.79	0.84	79.80	72.23	7.57	10.543	CC, ES	
300.00	300.00	299.34	299.34	3.34	3.34	122.58	80.00	0.46	80.24	72.59	7.65	10.486		
400.00	399.93	397.94	397.87	3.40	3.41	122.47	81.64	-2.50	83.75	75.98	7.77	10.779		
500.00	499.68	496.26	495.96	3.48	3.49	122.25	84.92	-8.42	90.78	82.84	7.94	11.439		
600.00	599.13	594.20	593.38	3.59	3.61	121.97	89.80	-17.23	101.29	93.14	8.15	12.424		
700.00	698.32	706.57	691.90	3.73	3.76	122.12	95.50	-27.50	113.72	105.28	8.44	13.468		
800.00	797.51	807.35	790.43	3.90	3.92	122.28	101.20	-37.78	126.17	117.41	8.76	14.401		
900.00	896.70	908.13	888.95	4.08	4.11	122.42	106.89	-48.05	138.62	129.50	9.12	15.201		
1,000.00	995.89	1,008.91	987.47	4.29	4.31	122.53	112.59	-58.33	151.08	141.57	9.51	15.883		
1,100.00	1,095.08	1,109.69	1,085.99	4.52	4.52	122.62	118.28	-68.60	163.53	153.60	9.93	16.461		
1,200.00	1,194.27	1,189.53	1,184.52	4.76	4.71	122.70	123.98	-78.88	175.99	165.65	10.34	17.027		
1,300.00	1,293.46	1,288.75	1,283.04	5.01	4.94	122.77	129.67	-89.15	188.44	177.64	10.80	17.446		
1,400.00	1,392.65	1,387.97	1,381.56	5.27	5.19	122.83	135.37	-99.43	200.90	189.61	11.29	17.800		
1,500.00	1,491.84	1,487.20	1,480.09	5.54	5.44	122.89	141.07	-109.70	213.35	201.56	11.79	18.098		
1,600.00	1,591.03	1,586.42	1,578.61	5.82	5.70	122.94	146.76	-119.98	225.81	213.50	12.31	18.350		
1,700.00	1,690.22	1,685.64	1,677.13	6.11	5.97	122.98	152.46	-130.25	238.26	225.43	12.84	18.563		
1,800.00	1,789.41	1,784.86	1,775.66	6.26	6.13	123.02	158.15	-140.53	250.72	237.96	12.76	19.650		
1,900.00	1,888.60	1,884.08	1,874.18	6.29	6.18	123.05	163.85	-150.80	263.18	250.34	12.83	20.511		
2,000.00	1,987.79	1,983.30	1,972.70	6.34	6.22	123.09	169.54	-161.08	275.63	262.72	12.92	21.340		
2,100.00	2,086.98	2,082.52	2,071.23	6.41	6.28	123.12	175.24	-171.35	288.09	275.05	13.03	22.102		
2,200.00	2,186.17	2,181.74	2,169.75	6.50	6.36	123.14	180.94	-181.63	300.54	287.36	13.19	22.794		
2,300.00	2,285.36	2,280.96	2,268.27	6.60	6.45	123.17	186.63	-191.90	313.00	299.63	13.37	23.416		
2,400.00	2,384.54	2,380.19	2,366.80	6.72	6.55	123.19	192.33	-202.18	325.46	311.88	13.58	23.969		
2,500.00	2,483.73	2,479.41	2,465.32	6.86	6.67	123.21	198.02	-212.45	337.91	324.09	13.82	24.455		
2,600.00	2,582.92	2,578.63	2,563.84	7.01	6.81	123.23	203.72	-222.73	350.37	336.28	14.08	24.876		
2,700.00	2,682.11	2,677.85	2,662.36	7.17	6.95	123.25	209.41	-233.00	362.83	348.45	14.38	25.238		
2,800.00	2,781.30	2,777.07	2,760.89	7.35	7.11	123.27	215.11	-243.28	375.28	360.59	14.69	25.544		
2,900.00	2,880.49	2,876.29	2,859.41	7.54	7.28	123.28	220.80	-253.56	387.74	372.71	15.03	25.799		
3,000.00	2,979.68	2,975.51	2,957.93	7.73	7.46	123.30	226.50	-263.83	400.20	384.81	15.39	26.008		
3,100.00	3,078.87	3,074.73	3,056.46	7.94	7.65	123.31	232.20	-274.11	412.65	396.89	15.76	26.176		
3,200.00	3,178.06	3,173.95	3,154.98	8.16	7.85	123.32	237.89	-284.38	425.11	408.95	16.16	26.307		
3,300.00	3,277.25	3,273.18	3,253.50	8.39	8.05	123.34	243.59	-294.66	437.56	420.99	16.57	26.405		
3,400.00	3,376.44	3,372.40	3,352.03	8.62	8.27	123.35	249.28	-304.93	450.02	433.02	17.00	26.475		
3,500.00	3,475.63	3,471.62	3,450.55	8.86	8.49	123.36	254.98	-315.21	462.48	445.04	17.44	26.520		
3,600.00	3,574.82	3,570.84	3,549.07	9.11	8.72	123.37	260.67	-325.48	474.93	457.04	17.89	26.544		
3,700.00	3,674.01	3,670.06	3,647.60	9.36	8.95	123.38	266.37	-335.76	487.39	469.03	18.36	26.549		
3,800.00	3,773.20	3,769.28	3,746.12	9.62	9.19	123.39	272.07	-346.03	499.85	481.01	18.84	26.538		
3,900.00	3,872.39	3,868.50	3,844.64	9.89	9.43	123.40	277.76	-356.31	512.30	492.98	19.32	26.514		
4,000.00	3,971.58	3,967.72	3,943.17	10.16	9.68	123.41	283.46	-366.58	524.76	504.94	19.82	26.478		
4,100.00	4,070.77	4,066.94	4,041.69	10.43	9.94	123.42	289.15	-376.86	537.22	516.89	20.32	26.433		
4,200.00	4,169.95	4,166.17	4,140.21	10.71	10.19	123.42	294.85	-387.13	549.67	528.84	20.84	26.379		
4,300.00	4,269.14	4,265.39	4,238.73	10.99	10.46	123.43	300.54	-397.41	562.13	540.77	21.36	26.319		
4,400.00	4,368.33	4,364.61	4,337.26	11.28	10.72	123.44	306.24	-407.68	574.59	552.70	21.89	26.253		
4,500.00	4,467.52	4,463.83	4,435.78	11.57	10.99	123.45	311.93	-417.96	587.04	564.62	22.42	26.183		
4,600.00	4,566.71	4,563.05	4,534.30	11.86	11.26	123.45	317.63	-428.23	599.50	576.54	22.96	26.110		
4,700.00	4,665.90	4,662.27	4,632.83	12.15	11.53	123.46	323.33	-438.51	611.96	588.45	23.51	26.033		
4,800.00	4,765.09	4,761.49	4,731.35	12.45	11.81	123.46	329.02	-448.78	624.42	600.36	24.06	25.955		
4,900.00	4,864.28	4,860.71	4,829.87	12.75	12.09	123.47	334.72	-459.06	636.87	612.26	24.61	25.874		
5,000.00	4,963.47	4,959.93	4,928.40	13.05	12.37	123.48	340.41	-469.33	649.33	624.15	25.17	25.793		
5,100.00	5,062.66	5,059.16	5,026.92	13.36	12.65	123.48	346.11	-479.61	661.79	636.05	25.74	25.711		
5,200.00	5,161.85	5,158.38	5,125.44	13.66	12.94	123.49	351.80	-489.88	674.24	647.93	26.31	25.629		
5,300.00	5,261.04	5,257.60	5,223.97	13.97	13.23	123.49	357.50	-500.16	686.70	659.82	26.88	25.547		
5,400.00	5,360.23	5,356.82	5,322.49	14.28	13.51	123.50	363.20	-510.43	699.16	671.70	27.46	25.465		
5,500.00	5,459.42	5,456.04	5,421.01	14.59	13.80	123.50	368.89	-520.71	711.61	683.58	28.03	25.384		
5,600.00	5,558.61	5,555.26	5,519.54	14.91	14.10	123.51	374.59	-530.99	724.07	695.45	28.62	25.303		
5,700.00	5,657.80	5,654.48	5,618.06	15.22	14.39	123.51	380.28	-541.26	736.53	707.33	29.20	25.222		
5,800.00	5,756.99	5,753.70	5,716.58	15.53	14.68	123.51	385.98	-551.54	748.98	719.19	29.79	25.143		
5,900.00	5,856.18	5,852.92	5,815.10	15.85	14.98	123.52	391.67	-561.81	761.44	731.06	30.38	25.065		
6,000.00	5,955.36	5,952.15	5,913.63	16.17	15.28	123.52	397.37	-572.09	773.90	742.93	30.97	24.988		
6,100.00	6,054.55	6,051.37	6,012.15	16.49	15.58	123.53	403.06	-582.36	786.35	754.79	31.57	24.912		
6,200.00	6,153.74	6,150.59	6,110.67	16.81	15.87	123.53	408.76	-592.64	798.81	766.65	32.16	24.837		
6,300.00	6,252.93	6,249.81	6,209.20	17.13	16.17	123.53	414.46	-602.91	811.27	778.51	32.76	24.763		
6,400.00	6,351.34	6,348.79	6,307.48	17.48	16.48	107.07	420.14	-613.16	823.85	790.47	33.38	24.678		

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1										Offset Site Error:0.00 usft			
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,446.12	6,445.73	6,403.74	17.95	16.77	101.15	425.70	-623.20	836.96	802.87	34.09	24.552	
6,600.00	6,534.91	6,538.24	6,495.60	18.55	17.05	99.44	431.01	-632.78	851.35	816.47	34.88	24.410	
6,700.00	6,615.53	6,624.04	6,580.80	19.31	17.32	99.30	435.94	-641.67	868.38	832.63	35.75	24.290	
6,800.00	6,685.98	6,737.31	6,691.68	20.26	17.73	100.74	442.29	-663.11	888.17	851.21	36.97	24.026	
6,900.00	6,744.53	6,869.70	6,814.04	21.45	18.43	102.70	449.13	-712.58	908.83	870.15	38.68	23.498	
7,000.00	6,789.75	7,027.63	6,942.81	22.91	19.63	105.01	456.09	-803.03	928.56	887.45	41.11	22.587	
7,100.00	6,820.51	7,217.18	7,062.32	24.63	21.81	107.32	462.17	-949.13	944.74	900.05	44.69	21.139	
7,200.00	6,836.06	7,437.19	7,140.31	26.56	25.50	108.92	465.45	-1,153.66	954.15	904.22	49.93	19.111	
7,300.00	6,838.04	7,606.12	7,152.15	28.64	28.96	109.19	465.09	-1,321.84	955.37	900.17	55.20	17.308	
7,400.00	6,838.13	7,706.12	7,152.44	30.86	31.19	109.21	464.49	-1,421.84	955.22	895.77	59.45	16.067	
7,500.00	6,838.21	7,806.12	7,152.74	33.21	33.54	109.23	463.88	-1,521.84	955.08	891.16	63.92	14.943	
7,600.00	6,838.29	7,906.12	7,153.03	35.65	35.98	109.24	463.27	-1,621.83	954.94	886.39	68.55	13.931	
7,700.00	6,838.37	8,006.12	7,153.33	38.16	38.49	109.26	462.66	-1,721.83	954.79	881.47	73.32	13.022	
7,800.00	6,838.45	8,106.12	7,153.62	40.74	41.06	109.28	462.06	-1,821.83	954.65	876.45	78.20	12.207	
7,900.00	6,838.53	8,206.12	7,153.92	43.37	43.68	109.29	461.45	-1,921.83	954.51	871.33	83.18	11.475	
8,000.00	6,838.61	8,306.12	7,154.21	46.04	46.34	109.31	460.84	-2,021.82	954.36	866.13	88.23	10.817	
8,100.00	6,838.70	8,406.12	7,154.51	48.74	49.04	109.33	460.24	-2,121.82	954.22	860.88	93.34	10.223	
8,200.00	6,838.78	8,506.12	7,154.80	51.48	51.77	109.34	459.63	-2,221.82	954.08	855.57	98.51	9.685	
8,300.00	6,838.86	8,606.12	7,155.10	54.23	54.52	109.36	459.02	-2,321.81	953.93	850.21	103.72	9.197	
8,400.00	6,838.94	8,706.12	7,155.40	57.01	57.29	109.38	458.42	-2,421.81	953.79	844.82	108.97	8.752	
8,500.00	6,839.02	8,806.12	7,155.69	59.81	60.08	109.39	457.81	-2,521.81	953.65	839.39	114.26	8.346	
8,600.00	6,839.10	8,906.12	7,155.99	62.62	62.88	109.41	457.20	-2,621.81	953.51	833.94	119.57	7.975	
8,700.00	6,839.18	9,006.12	7,156.28	65.44	65.70	109.43	456.59	-2,721.80	953.36	828.46	124.91	7.633	
8,800.00	6,839.27	9,106.12	7,156.58	68.28	68.53	109.44	455.99	-2,821.80	953.22	822.96	130.26	7.318	
8,900.00	6,839.35	9,206.12	7,156.87	71.13	71.37	109.46	455.38	-2,921.80	953.08	817.44	135.64	7.026	
9,000.00	6,839.43	9,306.12	7,157.17	73.99	74.23	109.48	454.77	-3,021.79	952.94	811.90	141.03	6.757	
9,100.00	6,839.51	9,406.12	7,157.46	76.85	77.09	109.49	454.17	-3,121.79	952.80	806.35	146.44	6.506	
9,200.00	6,839.59	9,506.11	7,157.76	79.72	79.95	109.51	453.56	-3,221.79	952.65	800.79	151.86	6.273	
9,300.00	6,839.67	9,606.11	7,158.05	82.60	82.83	109.53	452.95	-3,321.79	952.51	795.22	157.29	6.056	
9,400.00	6,839.75	9,706.11	7,158.35	85.48	85.71	109.54	452.34	-3,421.78	952.37	789.63	162.74	5.852	
9,500.00	6,839.83	9,806.11	7,158.64	88.37	88.59	109.56	451.74	-3,521.78	952.23	784.04	168.19	5.662	
9,600.00	6,839.92	9,906.11	7,158.94	91.27	91.48	109.58	451.13	-3,621.78	952.09	778.44	173.65	5.483	
9,700.00	6,840.00	10,006.11	7,159.23	94.16	94.37	109.59	450.52	-3,721.78	951.95	772.83	179.11	5.315	
9,800.00	6,840.08	10,106.11	7,159.53	97.07	97.27	109.61	449.92	-3,821.77	951.80	767.22	184.59	5.156	
9,900.00	6,840.16	10,206.11	7,159.82	99.97	100.17	109.63	449.31	-3,921.77	951.66	761.60	190.06	5.007	
10,000.00	6,840.24	10,306.11	7,160.12	102.88	103.08	109.64	448.70	-4,021.77	951.52	755.97	195.55	4.866	
10,100.00	6,840.32	10,406.11	7,160.42	105.79	105.99	109.66	448.10	-4,121.76	951.38	750.34	201.04	4.732	
10,200.00	6,840.40	10,506.11	7,160.71	108.71	108.90	109.68	447.49	-4,221.76	951.24	744.71	206.53	4.606	
10,300.00	6,840.49	10,606.11	7,161.01	111.63	111.81	109.69	446.88	-4,321.76	951.10	739.07	212.03	4.486	
10,400.00	6,840.57	10,706.11	7,161.30	114.54	114.73	109.71	446.27	-4,421.76	950.96	733.43	217.53	4.372	
10,500.00	6,840.65	10,806.11	7,161.60	117.47	117.65	109.73	445.67	-4,521.75	950.82	727.79	223.03	4.263	
10,600.00	6,840.73	10,906.11	7,161.89	120.39	120.57	109.74	445.06	-4,621.75	950.67	722.14	228.54	4.160	
10,700.00	6,840.81	11,006.11	7,162.19	123.32	123.49	109.76	444.45	-4,721.75	950.53	716.49	234.04	4.061	
10,800.00	6,840.89	11,106.11	7,162.48	126.24	126.42	109.78	443.85	-4,821.75	950.39	710.84	239.56	3.967	
10,900.00	6,840.97	11,206.11	7,162.78	129.17	129.34	109.79	443.24	-4,921.74	950.25	705.18	245.07	3.877	
11,000.00	6,841.06	11,306.11	7,163.07	132.10	132.27	109.81	442.63	-5,021.74	950.11	699.53	250.58	3.792	
11,100.00	6,841.14	11,406.11	7,163.37	135.03	135.20	109.83	442.02	-5,121.74	949.97	693.87	256.10	3.709	
11,200.00	6,841.22	11,506.11	7,163.66	137.97	138.13	109.84	441.42	-5,221.73	949.83	688.21	261.62	3.631	
11,300.00	6,841.30	11,606.10	7,163.96	140.90	141.06	109.86	440.81	-5,321.73	949.69	682.55	267.14	3.555	
11,400.00	6,841.38	11,706.10	7,164.25	143.84	144.00	109.88	440.20	-5,421.73	949.55	676.89	272.66	3.483	
11,500.00	6,841.46	11,806.10	7,164.55	146.77	146.93	109.90	439.60	-5,521.73	949.41	671.23	278.18	3.413	
11,600.00	6,841.54	11,906.10	7,164.85	149.71	149.87	109.91	438.99	-5,621.72	949.27	665.57	283.70	3.346	
11,700.00	6,841.63	12,006.10	7,165.14	152.65	152.80	109.93	438.38	-5,721.72	949.13	659.91	289.22	3.282	
11,800.00	6,841.71	12,106.10	7,165.44	155.59	155.74	109.95	437.78	-5,821.72	948.99	654.24	294.75	3.220	
11,900.00	6,841.79	12,206.10	7,165.73	158.53	158.68	109.96	437.17	-5,921.71	948.85	648.58	300.27	3.160	
12,000.00	6,841.87	12,306.10	7,166.03	161.47	161.62	109.98	436.56	-6,021.71	948.71	642.91	305.80	3.102	
12,100.00	6,841.95	12,406.10	7,166.32	164.41	164.56	110.00	435.95	-6,121.71	948.57	637.25	311.32	3.047	
12,200.00	6,842.03	12,506.10	7,166.62	167.35	167.50	110.01	435.35	-6,221.71	948.43	631.58	316.85	2.993	
12,300.00	6,842.11	12,606.10	7,166.91	170.30	170.44	110.03	434.74	-6,321.70	948.29	625.92	322.37	2.942	
12,400.00	6,842.20	12,706.10	7,167.21	173.24	173.38	110.05	434.13	-6,421.70	948.15	620.25	327.90	2.892	
12,500.00	6,842.28	12,806.10	7,167.50	176.18	176.32	110.06	433.53	-6,521.70	948.01	614.59	333.42	2.843	
12,600.00	6,842.36	12,906.10	7,167.80	179.13	179.27	110.08	432.92	-6,621.70	947.87	608.92	338.95	2.796	
12,700.00	6,842.44	13,006.10	7,168.09	182.07	182.21	110.10	432.31	-6,721.69	947.74	603.26	344.48	2.751	
12,800.00	6,842.52	13,106.10	7,168.39	185.02	185.15	110.11	431.70	-6,821.69	947.60	597.59	350.00	2.707	
12,900.00	6,842.60	13,206.10	7,168.68	187.97	188.10	110.13	431.10	-6,921.69	947.46	591.93	355.53	2.665	
13,000.00	6,842.68	13,306.10	7,168.98	190.91	191.04	110.15	430.49	-7,021.68	947.32	586.26	361.05	2.624	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
13,100.00	6,842.77	13,406.10	7,169.28	193.86	193.99	110.16	429.88	-7,121.68	947.18	580.60	366.58	2.584	
13,200.00	6,842.85	13,506.10	7,169.57	196.81	196.94	110.18	429.28	-7,221.68	947.04	574.94	372.10	2.545	
13,300.00	6,842.93	13,606.09	7,169.87	199.76	199.88	110.20	428.67	-7,321.68	946.90	569.27	377.63	2.507	
13,400.00	6,843.01	13,706.09	7,170.16	202.71	202.83	110.22	428.06	-7,421.67	946.76	563.61	383.15	2.471	
13,500.00	6,843.09	13,806.09	7,170.46	205.66	205.78	110.23	427.45	-7,521.67	946.62	557.95	388.68	2.436	
13,600.00	6,843.17	13,906.09	7,170.75	208.61	208.73	110.25	426.85	-7,621.67	946.49	552.29	394.20	2.401	
13,700.00	6,843.25	14,006.09	7,171.05	211.56	211.67	110.27	426.24	-7,721.67	946.35	546.62	399.72	2.368	
13,800.00	6,843.33	14,106.09	7,171.34	214.51	214.62	110.28	425.63	-7,821.66	946.21	540.96	405.25	2.335	
13,900.00	6,843.42	14,206.09	7,171.64	217.46	217.57	110.30	425.03	-7,921.66	946.07	535.30	410.77	2.303	
14,000.00	6,843.50	14,306.09	7,171.93	220.41	220.52	110.32	424.42	-8,021.66	945.93	529.64	416.29	2.272	
14,100.00	6,843.58	14,406.09	7,172.23	223.36	223.47	110.33	423.81	-8,121.65	945.80	523.98	421.81	2.242	
14,200.00	6,843.66	14,506.09	7,172.52	226.31	226.42	110.35	423.21	-8,221.65	945.66	518.33	427.33	2.213	
14,300.00	6,843.74	14,606.09	7,172.82	229.26	229.37	110.37	422.60	-8,321.65	945.52	512.67	432.85	2.184	
14,400.00	6,843.82	14,706.09	7,173.11	232.21	232.32	110.38	421.99	-8,421.65	945.38	507.01	438.37	2.157	
14,500.00	6,843.90	14,806.09	7,173.41	235.17	235.27	110.40	421.38	-8,521.64	945.24	501.35	443.89	2.129	
14,600.00	6,843.99	14,906.09	7,173.71	238.12	238.22	110.42	420.78	-8,621.64	945.11	495.70	449.41	2.103	
14,700.00	6,844.07	15,006.09	7,174.00	241.07	241.18	110.44	420.17	-8,721.64	944.97	490.04	454.93	2.077	
14,800.00	6,844.15	15,106.09	7,174.30	244.02	244.13	110.45	419.56	-8,821.63	944.83	484.39	460.44	2.052	
14,900.00	6,844.23	15,206.09	7,174.59	246.98	247.08	110.47	418.96	-8,921.63	944.69	478.74	465.96	2.027	
15,000.00	6,844.31	15,306.09	7,174.89	249.93	250.03	110.49	418.35	-9,021.63	944.56	473.08	471.47	2.003	
15,100.00	6,844.39	15,406.09	7,175.18	252.88	252.98	110.50	417.74	-9,121.63	944.42	467.43	476.99	1.980	
15,200.00	6,844.47	15,506.09	7,175.48	255.84	255.94	110.52	417.13	-9,221.62	944.28	461.78	482.50	1.957	
15,300.00	6,844.56	15,606.09	7,175.77	258.79	258.89	110.54	416.53	-9,321.62	944.15	456.13	488.01	1.935	
15,400.00	6,844.64	15,706.08	7,176.07	261.75	261.84	110.55	415.92	-9,421.62	944.01	450.48	493.53	1.913	
15,500.00	6,844.72	15,806.08	7,176.36	264.70	264.80	110.57	415.31	-9,521.62	943.87	444.83	499.04	1.891	
15,600.00	6,844.80	15,906.08	7,176.66	267.66	267.75	110.59	414.71	-9,621.61	943.74	439.19	504.55	1.870	
15,700.00	6,844.88	16,006.08	7,176.95	270.61	270.70	110.60	414.10	-9,721.61	943.60	433.54	510.06	1.850	
15,800.00	6,844.96	16,106.08	7,177.25	273.56	273.66	110.62	413.49	-9,821.61	943.46	427.90	515.57	1.830	
15,900.00	6,845.04	16,206.08	7,177.54	276.52	276.61	110.64	412.89	-9,921.60	943.33	422.25	521.07	1.810	
16,000.00	6,845.13	16,306.08	7,177.84	279.48	279.56	110.66	412.28	-10,021.60	943.19	416.61	526.58	1.791	
16,100.00	6,845.21	16,406.08	7,178.14	282.43	282.52	110.67	411.67	-10,121.60	943.05	410.97	532.09	1.772	
16,200.00	6,845.29	16,506.08	7,178.43	285.39	285.47	110.69	411.06	-10,221.60	942.92	405.33	537.59	1.754	
16,300.00	6,845.37	16,606.08	7,178.73	288.34	288.43	110.71	410.46	-10,321.59	942.78	399.68	543.10	1.736	
16,400.00	6,845.45	16,706.08	7,179.02	291.30	291.38	110.72	409.85	-10,421.59	942.64	394.05	548.60	1.718	
16,500.00	6,845.53	16,806.08	7,179.32	294.25	294.34	110.74	409.24	-10,521.59	942.51	388.41	554.10	1.701	
16,600.00	6,845.61	16,906.08	7,179.61	297.21	297.29	110.76	408.64	-10,621.58	942.37	382.77	559.60	1.684	
16,700.00	6,845.70	17,006.08	7,179.91	300.17	300.25	110.78	408.03	-10,721.58	942.24	377.13	565.10	1.667	
16,800.00	6,845.78	17,106.08	7,180.20	303.12	303.20	110.79	407.42	-10,821.58	942.10	371.50	570.60	1.651	
16,900.00	6,845.86	17,206.08	7,180.50	306.08	306.16	110.81	406.81	-10,921.58	941.97	365.86	576.10	1.635	
17,000.00	6,845.94	17,306.08	7,180.79	309.03	309.11	110.83	406.21	-11,021.57	941.83	360.23	581.60	1.619	
17,074.59	6,846.00	17,380.66	7,181.01	311.24	311.32	110.84	405.75	-11,096.16	941.73	356.03	585.70	1.608 SF	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	0.48	99.83	0.84	99.83				
100.00	100.00	100.00	100.00	3.28	3.28	0.48	99.83	0.84	99.83	92.30	7.53	13.262	
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.83	0.84	99.83	92.26	7.57	13.190	
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.83	0.84	99.83	92.26	7.57	13.190	CC, ES
300.00	300.00	299.02	299.02	3.34	3.34	122.48	100.07	0.49	100.31	92.66	7.65	13.109	
400.00	399.93	396.95	396.88	3.40	3.41	122.49	102.01	-2.24	104.14	96.37	7.77	13.403	
500.00	499.68	494.56	494.26	3.48	3.49	122.50	105.87	-7.67	111.79	103.85	7.93	14.089	
600.00	599.13	591.64	590.83	3.59	3.60	122.51	111.61	-15.75	123.23	115.08	8.15	15.121	
700.00	698.32	689.87	688.26	3.73	3.74	122.53	118.90	-26.00	137.32	128.91	8.42	16.314	
800.00	797.51	788.86	786.41	3.90	3.90	122.54	126.33	-36.46	151.53	142.80	8.73	17.358	
900.00	896.70	887.84	884.56	4.08	4.08	122.54	133.76	-46.92	165.74	156.66	9.08	18.248	
1,000.00	995.89	986.83	982.71	4.29	4.28	122.55	141.20	-57.38	179.95	170.48	9.47	19.001	
1,100.00	1,095.08	1,085.82	1,080.86	4.52	4.49	122.55	148.63	-67.85	194.16	184.27	9.89	19.633	
1,200.00	1,194.27	1,184.80	1,179.00	4.76	4.72	122.55	156.07	-78.31	208.37	198.04	10.33	20.162	
1,300.00	1,293.46	1,283.79	1,277.15	5.01	4.97	122.56	163.50	-88.77	222.58	211.78	10.80	20.604	
1,400.00	1,392.65	1,382.77	1,375.30	5.27	5.22	122.56	170.94	-99.23	236.79	225.50	11.29	20.973	
1,500.00	1,491.84	1,481.76	1,473.45	5.54	5.48	122.56	178.37	-109.69	251.00	239.21	11.80	21.279	
1,600.00	1,591.03	1,580.74	1,571.60	5.82	5.75	122.57	185.81	-120.15	265.21	252.90	12.32	21.534	
1,700.00	1,690.22	1,679.73	1,669.75	6.11	6.02	122.57	193.24	-130.62	279.42	266.57	12.85	21.747	
1,800.00	1,789.41	1,778.71	1,767.90	6.26	6.20	122.57	200.68	-141.08	293.63	280.85	12.78	22.971	
1,900.00	1,888.60	1,877.70	1,866.05	6.29	6.25	122.57	208.11	-151.54	307.84	294.98	12.86	23.933	
2,000.00	1,987.79	1,976.68	1,964.20	6.34	6.30	122.57	215.55	-162.00	322.05	309.10	12.95	24.872	
2,100.00	2,086.98	2,075.67	2,062.35	6.41	6.36	122.57	222.98	-172.46	336.26	323.19	13.07	25.733	
2,200.00	2,186.17	2,174.65	2,160.50	6.50	6.44	122.57	230.42	-182.92	350.47	337.25	13.22	26.513	
2,300.00	2,285.36	2,273.64	2,258.65	6.60	6.54	122.58	237.85	-193.39	364.68	351.28	13.40	27.212	
2,400.00	2,384.54	2,372.62	2,356.80	6.72	6.65	122.58	245.29	-203.85	378.89	365.28	13.61	27.831	
2,500.00	2,483.73	2,471.61	2,454.95	6.86	6.77	122.58	252.72	-214.31	393.10	379.24	13.86	28.372	
2,600.00	2,582.92	2,570.59	2,553.10	7.01	6.91	122.58	260.16	-224.77	407.31	393.19	14.12	28.839	
2,700.00	2,682.11	2,669.58	2,651.25	7.17	7.06	122.58	267.59	-235.23	421.52	407.10	14.42	29.237	
2,800.00	2,781.30	2,768.56	2,749.40	7.35	7.23	122.58	275.03	-245.70	435.73	420.99	14.73	29.571	
2,900.00	2,880.49	2,867.55	2,847.55	7.54	7.40	122.58	282.46	-256.16	449.94	434.86	15.07	29.847	
3,000.00	2,979.68	2,966.54	2,945.70	7.73	7.59	122.58	289.90	-266.62	464.15	448.71	15.44	30.070	
3,100.00	3,078.87	3,065.52	3,043.85	7.94	7.78	122.58	297.33	-277.08	478.36	462.54	15.82	30.246	
3,200.00	3,178.06	3,164.51	3,142.00	8.16	7.99	122.58	304.77	-287.54	492.57	476.35	16.21	30.380	
3,300.00	3,277.25	3,263.49	3,240.15	8.39	8.20	122.58	312.20	-298.00	506.78	490.15	16.63	30.477	
3,400.00	3,376.44	3,362.48	3,338.30	8.62	8.43	122.58	319.63	-308.47	520.99	503.93	17.06	30.542	
3,500.00	3,475.63	3,461.46	3,436.45	8.86	8.65	122.59	327.07	-318.93	535.20	517.69	17.50	30.579	
3,600.00	3,574.82	3,560.45	3,534.60	9.11	8.89	122.59	334.50	-329.39	549.41	531.45	17.96	30.592	
3,700.00	3,674.01	3,659.43	3,632.75	9.36	9.13	122.59	341.94	-339.85	563.62	545.19	18.43	30.584	
3,800.00	3,773.20	3,758.42	3,730.90	9.62	9.38	122.59	349.37	-350.31	577.83	558.92	18.91	30.558	
3,900.00	3,872.39	3,857.40	3,829.05	9.89	9.63	122.59	356.81	-360.77	592.04	572.64	19.40	30.518	
4,000.00	3,971.58	3,956.39	3,927.20	10.16	9.89	122.59	364.24	-371.24	606.25	586.35	19.90	30.465	
4,100.00	4,070.77	4,055.37	4,025.35	10.43	10.15	122.59	371.68	-381.70	620.46	600.05	20.41	30.401	
4,200.00	4,169.95	4,154.36	4,123.50	10.71	10.41	122.59	379.11	-392.16	634.66	613.74	20.93	30.329	
4,300.00	4,269.14	4,253.34	4,221.64	10.99	10.68	122.59	386.55	-402.62	648.87	627.42	21.45	30.249	
4,400.00	4,368.33	4,352.33	4,319.79	11.28	10.96	122.59	393.98	-413.08	663.08	641.10	21.98	30.164	
4,500.00	4,467.52	4,451.31	4,417.94	11.57	11.23	122.59	401.42	-423.55	677.29	654.77	22.52	30.074	
4,600.00	4,566.71	4,550.30	4,516.09	11.86	11.51	122.59	408.85	-434.01	691.50	668.44	23.07	29.981	
4,700.00	4,665.90	4,649.28	4,614.24	12.15	11.79	122.59	416.29	-444.47	705.71	682.10	23.61	29.884	
4,800.00	4,765.09	4,748.27	4,712.39	12.45	12.08	122.59	423.72	-454.93	719.92	695.75	24.17	29.786	
4,900.00	4,864.28	4,847.26	4,810.54	12.75	12.36	122.59	431.16	-465.39	734.13	709.40	24.73	29.686	
5,000.00	4,963.47	4,946.24	4,908.69	13.05	12.65	122.59	438.59	-475.85	748.34	723.05	25.29	29.585	
5,100.00	5,062.66	5,045.23	5,006.84	13.36	12.95	122.59	446.03	-486.32	762.55	736.69	25.86	29.484	
5,200.00	5,161.85	5,144.21	5,104.99	13.66	13.24	122.59	453.46	-496.78	776.76	750.33	26.44	29.383	
5,300.00	5,261.04	5,243.20	5,203.14	13.97	13.53	122.59	460.90	-507.24	790.97	763.96	27.01	29.282	
5,400.00	5,360.23	5,342.18	5,301.29	14.28	13.83	122.59	468.33	-517.70	805.18	777.59	27.59	29.182	
5,500.00	5,459.42	5,441.17	5,399.44	14.59	14.13	122.59	475.77	-528.16	819.39	791.22	28.17	29.082	
5,600.00	5,558.61	5,540.15	5,497.59	14.91	14.43	122.59	483.20	-538.63	833.60	804.84	28.76	28.984	
5,700.00	5,657.80	5,639.14	5,595.74	15.22	14.73	122.59	490.64	-549.09	847.81	818.46	29.35	28.886	
5,800.00	5,756.99	5,738.12	5,693.89	15.53	15.03	122.59	498.07	-559.55	862.02	832.08	29.94	28.790	
5,900.00	5,856.18	5,837.11	5,792.04	15.85	15.34	122.59	505.50	-570.01	876.23	845.69	30.54	28.695	
6,000.00	5,955.36	5,936.09	5,890.19	16.17	15.64	122.59	512.94	-580.47	890.44	859.31	31.13	28.602	
6,100.00	6,054.55	6,035.08	5,988.34	16.49	15.95	122.59	520.37	-590.93	904.65	872.92	31.73	28.510	
6,200.00	6,153.74	6,134.06	6,086.49	16.81	16.26	122.59	527.81	-601.40	918.86	886.53	32.33	28.419	
6,300.00	6,252.93	6,233.05	6,184.64	17.13	16.57	122.59	535.24	-611.86	933.07	900.13	32.94	28.330	
6,400.00	6,351.34	6,331.81	6,282.56	17.48	16.87	105.96	542.66	-622.30	947.32	913.75	33.57	28.222	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,446.12	6,428.56	6,378.50	17.95	17.18	99.74	549.93	-632.52	961.75	927.46	34.29	28.044	
6,600.00	6,534.91	6,531.17	6,479.38	18.55	17.54	97.60	557.59	-649.04	976.56	941.35	35.21	27.735	
6,700.00	6,615.53	6,641.34	6,583.29	19.31	18.06	96.74	565.54	-684.37	991.13	954.66	36.47	27.177	
6,800.00	6,685.98	6,758.65	6,685.48	20.26	18.82	96.46	573.42	-741.09	1,004.92	966.74	38.18	26.320	
6,900.00	6,744.53	6,883.65	6,780.98	21.45	19.90	96.47	580.88	-821.07	1,017.30	976.80	40.49	25.123	
7,000.00	6,789.75	7,016.32	6,863.24	22.91	21.45	96.62	587.41	-924.66	1,027.62	984.05	43.57	23.588	
7,100.00	6,820.51	7,155.83	6,924.71	24.63	23.58	96.79	592.43	-1,049.48	1,035.24	987.74	47.50	21.795	
7,200.00	6,836.06	7,300.23	6,958.26	26.56	26.28	96.89	595.41	-1,189.58	1,039.63	987.40	52.22	19.908	
7,300.00	6,838.04	7,425.19	6,962.93	28.64	28.90	96.89	596.15	-1,314.35	1,040.82	983.83	57.00	18.261	
7,400.00	6,838.13	7,525.19	6,962.77	30.86	31.13	96.87	596.45	-1,414.34	1,041.48	979.96	61.51	16.932	
7,500.00	6,838.21	7,625.19	6,962.62	33.21	33.48	96.86	596.76	-1,514.34	1,042.13	975.88	66.24	15.732	
7,600.00	6,838.29	7,725.18	6,962.47	35.65	35.93	96.84	597.06	-1,614.34	1,042.78	971.63	71.15	14.656	
7,700.00	6,838.37	7,825.18	6,962.32	38.16	38.44	96.82	597.36	-1,714.33	1,043.43	967.23	76.20	13.694	
7,800.00	6,838.45	7,925.18	6,962.16	40.74	41.02	96.81	597.67	-1,814.33	1,044.08	962.72	81.36	12.833	
7,900.00	6,838.53	8,025.17	6,962.01	43.37	43.65	96.79	597.97	-1,914.33	1,044.73	958.12	86.61	12.062	
8,000.00	6,838.61	8,125.17	6,961.86	46.04	46.31	96.77	598.27	-2,014.32	1,045.38	953.44	91.95	11.370	
8,100.00	6,838.70	8,225.17	6,961.71	48.74	49.01	96.75	598.58	-2,114.32	1,046.04	948.69	97.34	10.746	
8,200.00	6,838.78	8,325.17	6,961.55	51.48	51.75	96.74	598.88	-2,214.32	1,046.69	943.89	102.80	10.182	
8,300.00	6,838.86	8,425.16	6,961.40	54.23	54.50	96.72	599.19	-2,314.32	1,047.34	939.04	108.30	9.671	
8,400.00	6,838.94	8,525.16	6,961.25	57.01	57.28	96.70	599.49	-2,414.31	1,047.99	934.16	113.83	9.206	
8,500.00	6,839.02	8,625.16	6,961.10	59.81	60.07	96.69	599.79	-2,514.31	1,048.64	929.24	119.41	8.782	
8,600.00	6,839.10	8,725.16	6,960.94	62.62	62.88	96.67	600.10	-2,614.31	1,049.30	924.29	125.01	8.394	
8,700.00	6,839.18	8,825.15	6,960.79	65.44	65.71	96.65	600.40	-2,714.30	1,049.95	919.31	130.64	8.037	
8,800.00	6,839.27	8,925.15	6,960.64	68.28	68.54	96.63	600.70	-2,814.30	1,050.60	914.31	136.29	7.709	
8,900.00	6,839.35	9,025.15	6,960.48	71.13	71.39	96.62	601.01	-2,914.30	1,051.25	909.29	141.96	7.405	
9,000.00	6,839.43	9,125.15	6,960.33	73.99	74.24	96.60	601.31	-3,014.29	1,051.91	904.26	147.65	7.124	
9,100.00	6,839.51	9,225.14	6,960.18	76.85	77.11	96.58	601.61	-3,114.29	1,052.56	899.20	153.36	6.863	
9,200.00	6,839.59	9,325.14	6,960.03	79.72	79.98	96.57	601.92	-3,214.29	1,053.21	894.14	159.08	6.621	
9,300.00	6,839.67	9,425.14	6,959.87	82.60	82.86	96.55	602.22	-3,314.28	1,053.86	889.06	164.81	6.395	
9,400.00	6,839.75	9,525.14	6,959.72	85.48	85.74	96.53	602.52	-3,414.28	1,054.52	883.97	170.55	6.183	
9,500.00	6,839.83	9,625.13	6,959.57	88.37	88.63	96.52	602.83	-3,514.28	1,055.17	878.87	176.30	5.985	
9,600.00	6,839.92	9,725.13	6,959.42	91.27	91.52	96.50	603.13	-3,614.27	1,055.82	873.76	182.07	5.799	
9,700.00	6,840.00	9,825.13	6,959.26	94.16	94.42	96.48	603.43	-3,714.27	1,056.48	868.64	187.84	5.624	
9,800.00	6,840.08	9,925.13	6,959.11	97.07	97.32	96.47	603.74	-3,814.27	1,057.13	863.51	193.62	5.460	
9,900.00	6,840.16	10,025.12	6,958.96	99.97	100.23	96.45	604.04	-3,914.26	1,057.78	858.38	199.41	5.305	
10,000.00	6,840.24	10,125.12	6,958.81	102.88	103.14	96.43	604.34	-4,014.26	1,058.44	853.24	205.20	5.158	
10,100.00	6,840.32	10,225.12	6,958.65	105.79	106.05	96.42	604.65	-4,114.26	1,059.09	848.09	211.00	5.019	
10,200.00	6,840.40	10,325.11	6,958.50	108.71	108.96	96.40	604.95	-4,214.25	1,059.75	842.94	216.80	4.888	
10,300.00	6,840.49	10,425.11	6,958.35	111.63	111.88	96.38	605.25	-4,314.25	1,060.40	837.79	222.61	4.763	
10,400.00	6,840.57	10,525.11	6,958.19	114.54	114.80	96.37	605.56	-4,414.25	1,061.05	832.62	228.43	4.645	
10,500.00	6,840.65	10,625.11	6,958.04	117.47	117.72	96.35	605.86	-4,514.24	1,061.71	827.46	234.25	4.532	
10,600.00	6,840.73	10,725.10	6,957.89	120.39	120.65	96.33	606.16	-4,614.24	1,062.36	822.29	240.07	4.425	
10,700.00	6,840.81	10,825.10	6,957.74	123.32	123.57	96.32	606.47	-4,714.24	1,063.02	817.12	245.90	4.323	
10,800.00	6,840.89	10,925.10	6,957.58	126.24	126.50	96.30	606.77	-4,814.24	1,063.67	811.94	251.73	4.225	
10,900.00	6,840.97	11,025.10	6,957.43	129.17	129.43	96.28	607.08	-4,914.23	1,064.32	806.76	257.56	4.132	
11,000.00	6,841.06	11,125.09	6,957.28	132.10	132.36	96.27	607.38	-5,014.23	1,064.98	801.58	263.40	4.043	
11,100.00	6,841.14	11,225.09	6,957.13	135.03	135.30	96.25	607.68	-5,114.23	1,065.63	796.39	269.24	3.958	
11,200.00	6,841.22	11,325.09	6,956.97	137.97	138.23	96.23	607.99	-5,214.22	1,066.29	791.20	275.09	3.876	
11,300.00	6,841.30	11,425.09	6,956.82	140.90	141.16	96.22	608.29	-5,314.22	1,066.94	786.01	280.93	3.798	
11,400.00	6,841.38	11,525.08	6,956.67	143.84	144.10	96.20	608.59	-5,414.22	1,067.60	780.81	286.78	3.723	
11,500.00	6,841.46	11,625.08	6,956.52	146.77	147.04	96.18	608.90	-5,514.21	1,068.25	775.62	292.63	3.650	
11,600.00	6,841.54	11,725.08	6,956.36	149.71	149.98	96.17	609.20	-5,614.21	1,068.91	770.42	298.49	3.581	
11,700.00	6,841.63	11,825.08	6,956.21	152.65	152.92	96.15	609.50	-5,714.21	1,069.56	765.22	304.34	3.514	
11,800.00	6,841.71	11,925.07	6,956.06	155.59	155.86	96.13	609.81	-5,814.20	1,070.22	760.02	310.20	3.450	
11,900.00	6,841.79	12,025.07	6,955.90	158.53	158.80	96.12	610.11	-5,914.20	1,070.87	754.81	316.06	3.388	
12,000.00	6,841.87	12,125.07	6,955.75	161.47	161.74	96.10	610.41	-6,014.20	1,071.53	749.60	321.92	3.329	
12,100.00	6,841.95	12,225.07	6,955.60	164.41	164.68	96.09	610.72	-6,114.19	1,072.18	744.40	327.79	3.271	
12,200.00	6,842.03	12,325.06	6,955.45	167.35	167.63	96.07	611.02	-6,214.19	1,072.84	739.19	333.65	3.215	
12,300.00	6,842.11	12,425.06	6,955.29	170.30	170.57	96.05	611.32	-6,314.19	1,073.49	733.98	339.52	3.162	
12,400.00	6,842.20	12,525.06	6,955.14	173.24	173.52	96.04	611.63	-6,414.18	1,074.15	728.76	345.39	3.110	
12,500.00	6,842.28	12,625.05	6,954.99	176.18	176.46	96.02	611.93	-6,514.18	1,074.81	723.55	351.26	3.060	
12,600.00	6,842.36	12,725.05	6,954.84	179.13	179.41	96.00	612.23	-6,614.18	1,075.46	718.33	357.13	3.011	
12,700.00	6,842.44	12,825.05	6,954.68	182.07	182.36	95.99	612.54	-6,714.17	1,076.12	713.12	363.00	2.965	
12,800.00	6,842.52	12,925.05	6,954.53	185.02	185.30	95.97	612.84	-6,814.17	1,076.77	707.90	368.87	2.919	
12,900.00	6,842.60	13,025.04	6,954.38	187.97	188.25	95.96	613.14	-6,914.17	1,077.43	702.68	374.75	2.875	
13,000.00	6,842.68	13,125.04	6,954.23	190.91	191.20	95.94	613.45	-7,014.17	1,078.09	697.46	380.63	2.832	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	6,842.77	13,225.04	6,954.07	193.86	194.15	95.92	613.75	-7,114.16	1,078.74	692.24	386.50	2.791	
13,200.00	6,842.85	13,325.04	6,953.92	196.81	197.10	95.91	614.05	-7,214.16	1,079.40	687.02	392.38	2.751	
13,300.00	6,842.93	13,425.03	6,953.77	199.76	200.05	95.89	614.36	-7,314.16	1,080.06	681.79	398.26	2.712	
13,400.00	6,843.01	13,525.03	6,953.61	202.71	203.00	95.87	614.66	-7,414.15	1,080.71	676.57	404.14	2.674	
13,500.00	6,843.09	13,625.03	6,953.46	205.66	205.95	95.86	614.97	-7,514.15	1,081.37	671.34	410.03	2.637	
13,600.00	6,843.17	13,725.03	6,953.31	208.61	208.90	95.84	615.27	-7,614.15	1,082.03	666.12	415.91	2.602	
13,700.00	6,843.25	13,825.02	6,953.16	211.56	211.85	95.83	615.57	-7,714.14	1,082.68	660.89	421.79	2.567	
13,800.00	6,843.33	13,925.02	6,953.00	214.51	214.80	95.81	615.88	-7,814.14	1,083.34	655.66	427.68	2.533	
13,900.00	6,843.42	14,025.02	6,952.85	217.46	217.76	95.79	616.18	-7,914.14	1,084.00	650.43	433.56	2.500	
14,000.00	6,843.50	14,125.02	6,952.70	220.41	220.71	95.78	616.48	-8,014.13	1,084.65	645.20	439.45	2.468	
14,100.00	6,843.58	14,225.01	6,952.55	223.36	223.66	95.76	616.79	-8,114.13	1,085.31	639.97	445.34	2.437	
14,200.00	6,843.66	14,325.01	6,952.39	226.31	226.61	95.75	617.09	-8,214.13	1,085.97	634.74	451.23	2.407	
14,300.00	6,843.74	14,425.01	6,952.24	229.26	229.57	95.73	617.39	-8,314.12	1,086.62	629.51	457.12	2.377	
14,400.00	6,843.82	14,525.00	6,952.09	232.21	232.52	95.72	617.70	-8,414.12	1,087.28	624.28	463.01	2.348	
14,500.00	6,843.90	14,625.00	6,951.94	235.17	235.47	95.70	618.00	-8,514.12	1,087.94	619.04	468.90	2.320	
14,600.00	6,843.99	14,725.00	6,951.78	238.12	238.43	95.68	618.30	-8,614.11	1,088.60	613.81	474.79	2.293	
14,700.00	6,844.07	14,825.00	6,951.63	241.07	241.38	95.67	618.61	-8,714.11	1,089.25	608.57	480.68	2.266	
14,800.00	6,844.15	14,924.99	6,951.48	244.02	244.34	95.65	618.91	-8,814.11	1,089.91	603.34	486.57	2.240	
14,900.00	6,844.23	15,024.99	6,951.32	246.98	247.29	95.64	619.21	-8,914.10	1,090.57	598.10	492.47	2.215	
15,000.00	6,844.31	15,124.99	6,951.17	249.93	250.25	95.62	619.52	-9,014.10	1,091.23	592.87	498.36	2.190	
15,100.00	6,844.39	15,224.99	6,951.02	252.88	253.20	95.60	619.82	-9,114.10	1,091.89	587.63	504.25	2.165	
15,200.00	6,844.47	15,324.98	6,950.87	255.84	256.16	95.59	620.12	-9,214.10	1,092.54	582.39	510.15	2.142	
15,300.00	6,844.56	15,424.98	6,950.71	258.79	259.11	95.57	620.43	-9,314.09	1,093.20	577.16	516.05	2.118	
15,400.00	6,844.64	15,524.98	6,950.56	261.75	262.07	95.56	620.73	-9,414.09	1,093.86	571.92	521.94	2.096	
15,500.00	6,844.72	15,624.98	6,950.41	264.70	265.03	95.54	621.03	-9,514.09	1,094.52	566.68	527.84	2.074	
15,600.00	6,844.80	15,724.97	6,950.26	267.66	267.98	95.53	621.34	-9,614.08	1,095.18	561.44	533.74	2.052	
15,700.00	6,844.88	15,824.97	6,950.10	270.61	270.94	95.51	621.64	-9,714.08	1,095.84	556.20	539.64	2.031	
15,800.00	6,844.96	15,924.97	6,949.95	273.56	273.89	95.49	621.94	-9,814.08	1,096.49	550.96	545.54	2.010	
15,900.00	6,845.04	16,024.97	6,949.80	276.52	276.85	95.48	622.25	-9,914.07	1,097.15	545.72	551.44	1.990	
16,000.00	6,845.13	16,124.96	6,949.65	279.48	279.81	95.46	622.55	-10,014.07	1,097.81	540.48	557.34	1.970	
16,100.00	6,845.21	16,224.96	6,949.49	282.43	282.77	95.45	622.86	-10,114.07	1,098.47	535.23	563.24	1.950	
16,200.00	6,845.29	16,324.96	6,949.34	285.39	285.72	95.43	623.16	-10,214.06	1,099.13	529.99	569.14	1.931	
16,300.00	6,845.37	16,424.96	6,949.19	288.34	288.68	95.42	623.46	-10,314.06	1,099.79	524.75	575.04	1.913	
16,400.00	6,845.45	16,524.95	6,949.03	291.30	291.64	95.40	623.77	-10,414.06	1,100.45	519.51	580.94	1.894	
16,500.00	6,845.53	16,624.95	6,948.88	294.25	294.59	95.39	624.07	-10,514.05	1,101.11	514.26	586.84	1.876	
16,600.00	6,845.61	16,724.95	6,948.73	297.21	297.55	95.37	624.37	-10,614.05	1,101.77	509.02	592.75	1.859	
16,700.00	6,845.70	16,824.94	6,948.58	300.17	300.51	95.36	624.68	-10,714.05	1,102.42	503.77	598.65	1.842	
16,800.00	6,845.78	16,924.94	6,948.42	303.12	303.47	95.34	624.98	-10,814.04	1,103.08	498.53	604.55	1.825	
16,900.00	6,845.86	17,024.94	6,948.27	306.08	306.43	95.32	625.28	-10,914.04	1,103.74	493.29	610.46	1.808	
17,000.00	6,845.94	17,124.94	6,948.12	309.03	309.38	95.31	625.59	-11,014.04	1,104.40	488.04	616.36	1.792	
17,074.59	6,846.00	17,199.52	6,948.01	311.24	311.59	95.30	625.81	-11,088.62	1,104.89	484.13	620.77	1.780 SF	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	180.00	-20.02	0.00	20.02				
100.00	100.00	100.00	100.00	3.28	3.28	180.00	-20.02	0.00	20.02	12.50	7.53	2.660	
200.00	200.00	200.00	200.00	3.30	3.30	180.00	-20.02	0.00	20.02	12.46	7.57	2.646	
282.85	282.84	282.69	282.69	3.34	3.34	-59.07	-20.15	-0.14	19.84	12.21	7.63	2.599 CC	
300.00	300.00	299.76	299.76	3.34	3.34	-58.15	-20.32	-0.32	20.09	12.44	7.65	2.626	
400.00	399.93	399.28	399.21	3.40	3.40	-59.32	-22.69	-2.83	20.62	12.87	7.76	2.658	
500.00	499.68	498.79	498.48	3.48	3.48	-61.48	-27.41	-7.87	21.71	13.80	7.91	2.745	
600.00	599.13	598.29	597.43	3.59	3.59	-64.34	-34.50	-15.41	23.40	15.28	8.12	2.883	
700.00	698.32	702.00	696.23	3.73	3.73	-65.75	-43.68	-25.19	26.00	17.61	8.39	3.099	
800.00	797.51	802.04	795.22	3.90	3.90	-66.22	-53.21	-35.33	28.86	20.15	8.71	3.313	
900.00	896.70	902.09	894.20	4.08	4.10	-66.60	-62.73	-45.48	31.72	22.64	9.07	3.496	
1,000.00	995.89	1,002.13	993.19	4.29	4.31	-66.92	-72.25	-55.62	34.58	25.10	9.48	3.649	
1,100.00	1,095.08	1,097.83	1,092.18	4.52	4.53	-67.20	-81.77	-65.76	37.44	27.54	9.92	3.781	
1,200.00	1,194.27	1,202.21	1,191.16	4.76	4.79	-67.43	-91.30	-75.90	40.31	29.93	10.38	3.884	
1,300.00	1,293.46	1,302.25	1,290.15	5.01	5.06	-67.63	-100.82	-86.04	43.17	32.30	10.87	3.973	
1,400.00	1,392.65	1,402.29	1,389.13	5.27	5.33	-67.81	-110.34	-96.18	46.04	34.66	11.38	4.046	
1,500.00	1,491.84	1,497.67	1,488.12	5.54	5.60	-67.96	-119.87	-106.32	48.90	37.01	11.89	4.112	
1,600.00	1,591.03	1,602.37	1,587.11	5.82	5.90	-68.10	-129.39	-116.46	51.77	39.32	12.45	4.158	
1,700.00	1,690.22	1,702.41	1,686.09	6.11	6.20	-68.23	-138.91	-126.60	54.63	41.63	13.01	4.201	
1,800.00	1,789.41	1,797.54	1,785.08	6.26	6.35	-68.34	-148.44	-136.75	57.50	44.58	12.92	4.451	
1,900.00	1,888.60	1,902.50	1,884.06	6.29	6.39	-68.44	-157.96	-146.89	60.37	47.38	12.98	4.649	
2,000.00	1,987.79	2,002.54	1,983.05	6.34	6.45	-68.53	-167.48	-157.03	63.23	50.15	13.08	4.833	
2,100.00	2,086.98	2,102.58	2,082.04	6.41	6.52	-68.62	-177.01	-167.17	66.10	52.88	13.22	5.001	
2,200.00	2,186.17	2,202.62	2,181.02	6.50	6.61	-68.69	-186.53	-177.31	68.97	55.58	13.39	5.152	
2,300.00	2,285.36	2,302.66	2,280.01	6.60	6.73	-68.76	-196.05	-187.45	71.83	58.25	13.59	5.287	
2,400.00	2,384.54	2,402.70	2,378.99	6.72	6.85	-68.83	-205.58	-197.59	74.70	60.88	13.82	5.406	
2,500.00	2,483.73	2,502.74	2,477.98	6.86	7.00	-68.89	-215.10	-207.73	77.57	63.48	14.08	5.508	
2,600.00	2,582.92	2,602.79	2,576.97	7.01	7.16	-68.95	-224.62	-217.87	80.43	66.06	14.37	5.596	
2,700.00	2,682.11	2,702.83	2,675.95	7.17	7.33	-69.00	-234.14	-228.02	83.30	68.61	14.69	5.670	
2,800.00	2,781.30	2,797.13	2,774.94	7.35	7.51	-69.05	-243.67	-238.16	86.17	71.15	15.02	5.736	
2,900.00	2,880.49	2,897.09	2,873.92	7.54	7.70	-69.09	-253.19	-248.30	89.04	73.65	15.39	5.786	
3,000.00	2,979.68	3,002.95	2,972.91	7.73	7.92	-69.14	-262.71	-258.44	91.90	76.12	15.78	5.822	
3,100.00	3,078.87	3,102.99	3,071.90	7.94	8.14	-69.18	-272.24	-268.58	94.77	78.58	16.19	5.853	
3,200.00	3,178.06	3,203.03	3,170.88	8.16	8.37	-69.22	-281.76	-278.72	97.64	81.02	16.62	5.876	
3,300.00	3,277.25	3,303.07	3,269.87	8.39	8.61	-69.25	-291.28	-288.86	100.51	83.45	17.06	5.892	
3,400.00	3,376.44	3,403.11	3,368.85	8.62	8.86	-69.29	-300.81	-299.00	103.37	85.86	17.52	5.902	
3,500.00	3,475.63	3,503.16	3,467.84	8.86	9.11	-69.32	-310.33	-309.14	106.24	88.25	17.99	5.906	
3,600.00	3,574.82	3,603.20	3,566.83	9.11	9.37	-69.35	-319.85	-319.29	109.11	90.64	18.47	5.906	
3,700.00	3,674.01	3,703.24	3,665.81	9.36	9.64	-69.38	-329.38	-329.43	111.98	93.01	18.97	5.903	
3,800.00	3,773.20	3,803.28	3,764.80	9.62	9.91	-69.40	-338.90	-339.57	114.84	95.37	19.48	5.896	
3,900.00	3,872.39	3,903.32	3,863.79	9.89	10.19	-69.43	-348.42	-349.71	117.71	97.71	20.00	5.886	
4,000.00	3,971.58	3,996.64	3,962.77	10.16	10.45	-69.45	-357.95	-359.85	120.58	100.07	20.51	5.880	
4,100.00	4,070.77	4,103.40	4,061.76	10.43	10.76	-69.48	-367.47	-369.99	123.45	102.38	21.06	5.861	
4,200.00	4,169.95	4,203.44	4,160.74	10.71	11.05	-69.50	-376.99	-380.13	126.32	104.71	21.61	5.846	
4,300.00	4,269.14	4,303.48	4,259.73	10.99	11.34	-69.52	-386.51	-390.27	129.18	107.02	22.16	5.829	
4,400.00	4,368.33	4,403.53	4,358.72	11.28	11.64	-69.54	-396.04	-400.41	132.05	109.33	22.72	5.812	
4,500.00	4,467.52	4,503.57	4,457.70	11.57	11.94	-69.56	-405.56	-410.56	134.92	111.63	23.29	5.793	
4,600.00	4,566.71	4,603.61	4,556.69	11.86	12.25	-69.58	-415.08	-420.70	137.79	113.93	23.86	5.775	
4,700.00	4,665.90	4,703.65	4,655.67	12.15	12.55	-69.60	-424.61	-430.84	140.65	116.22	24.44	5.755	
4,800.00	4,765.09	4,803.69	4,754.66	12.45	12.86	-69.62	-434.13	-440.98	143.52	118.50	25.02	5.736	
4,900.00	4,864.28	4,903.73	4,853.65	12.75	13.18	-69.63	-443.65	-451.12	146.39	120.78	25.61	5.716	
5,000.00	4,963.47	5,003.77	4,952.63	13.05	13.49	-69.65	-453.18	-461.26	149.26	123.06	26.20	5.697	
5,100.00	5,062.66	5,103.81	5,051.62	13.36	13.81	-69.67	-462.70	-471.40	152.13	125.33	26.80	5.677	
5,200.00	5,161.85	5,203.85	5,150.60	13.66	14.13	-69.68	-472.22	-481.54	154.99	127.60	27.40	5.657	
5,300.00	5,261.04	5,303.90	5,249.59	13.97	14.45	-69.69	-481.75	-491.68	157.86	129.86	28.00	5.637	
5,400.00	5,360.23	5,403.94	5,348.58	14.28	14.77	-69.71	-491.27	-501.83	160.73	132.12	28.61	5.618	
5,500.00	5,459.42	5,503.98	5,447.56	14.59	15.09	-69.72	-500.79	-511.97	163.60	134.38	29.22	5.599	
5,600.00	5,558.61	5,604.02	5,546.55	14.91	15.42	-69.73	-510.32	-522.11	166.47	136.63	29.83	5.580	
5,700.00	5,657.80	5,704.06	5,645.53	15.22	15.75	-69.75	-519.84	-532.25	169.33	138.88	30.45	5.561	
5,800.00	5,756.99	5,804.10	5,744.52	15.53	16.07	-69.76	-529.36	-542.39	172.20	141.13	31.07	5.542	
5,900.00	5,856.18	5,904.14	5,843.51	15.85	16.40	-69.77	-538.88	-552.53	175.07	143.38	31.69	5.524	
6,000.00	5,955.36	6,004.18	5,942.49	16.17	16.73	-69.78	-548.41	-562.67	177.94	145.62	32.32	5.506	
6,100.00	6,054.55	6,104.23	6,041.48	16.49	17.06	-69.79	-557.93	-572.81	180.81	147.86	32.94	5.489	
6,200.00	6,153.74	6,204.27	6,140.46	16.81	17.40	-69.80	-567.45	-582.95	183.67	150.10	33.57	5.471	
6,300.00	6,252.93	6,295.69	6,239.45	17.13	17.70	-69.81	-576.98	-593.10	186.54	152.37	34.17	5.459	
6,400.00	6,351.34	6,404.60	6,338.19	17.48	18.07	-69.84	-586.48	-603.21	190.53	155.55	34.98	5.447	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance					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	6,446.12	6,506.99	6,434.85	17.95	18.41	-97.93	-595.78	-613.11	199.05	162.88	36.18	5.502	
6,600.00	6,534.91	6,586.12	6,527.06	18.55	18.67	-107.63	-604.65	-622.56	215.89	178.38	37.51	5.756	
6,700.00	6,615.53	6,679.53	6,619.47	19.31	18.99	-116.93	-613.54	-632.73	245.07	206.28	38.78	6.319	
6,800.00	6,685.98	6,798.01	6,733.80	20.26	19.48	-125.99	-624.66	-661.04	281.53	241.78	39.75	7.083	
6,900.00	6,744.53	6,934.36	6,856.24	21.45	20.23	-133.06	-636.75	-719.22	319.19	278.94	40.25	7.930	
7,000.00	6,789.75	7,093.48	6,979.63	22.91	21.43	-138.43	-649.22	-818.24	353.69	313.49	40.20	8.798	
7,100.00	6,820.51	7,278.28	7,087.07	24.63	23.45	-142.12	-660.51	-967.38	380.39	340.73	39.66	9.591	
7,200.00	6,836.06	7,485.06	7,151.28	26.56	26.70	-143.94	-667.99	-1,162.84	394.78	355.62	39.16	10.082	
7,300.00	6,838.04	7,639.34	7,158.84	28.64	29.69	-144.05	-669.77	-1,316.70	396.26	355.81	40.45	9.796	
7,400.00	6,838.13	7,739.34	7,158.55	30.86	31.81	-143.99	-670.43	-1,416.70	396.12	353.18	42.94	9.224	
7,500.00	6,838.21	7,839.33	7,158.25	33.21	34.07	-143.92	-671.09	-1,516.69	395.98	350.35	45.63	8.678	
7,600.00	6,838.29	7,939.33	7,157.96	35.65	36.44	-143.86	-671.75	-1,616.69	395.84	347.36	48.48	8.165	
7,700.00	6,838.37	8,039.33	7,157.66	38.16	38.89	-143.79	-672.41	-1,716.69	395.70	344.24	51.46	7.689	
7,800.00	6,838.45	8,139.33	7,157.37	40.74	41.42	-143.73	-673.07	-1,816.68	395.57	341.00	54.57	7.249	
7,900.00	6,838.53	8,239.33	7,157.07	43.37	44.00	-143.66	-673.73	-1,916.68	395.43	337.66	57.77	6.845	
8,000.00	6,838.61	8,339.33	7,156.78	46.04	46.62	-143.60	-674.40	-2,016.67	395.29	334.24	61.06	6.474	
8,100.00	6,838.70	8,439.33	7,156.48	48.74	49.29	-143.53	-675.06	-2,116.67	395.16	330.74	64.42	6.134	
8,200.00	6,838.78	8,539.33	7,156.19	51.48	51.99	-143.47	-675.72	-2,216.67	395.02	327.18	67.84	5.823	
8,300.00	6,838.86	8,639.33	7,155.89	54.23	54.72	-143.40	-676.38	-2,316.66	394.89	323.56	71.32	5.536	
8,400.00	6,838.94	8,739.32	7,155.60	57.01	57.47	-143.34	-677.04	-2,416.66	394.75	319.89	74.86	5.273	
8,500.00	6,839.02	8,839.32	7,155.30	59.81	60.24	-143.27	-677.70	-2,516.66	394.62	316.18	78.43	5.031	
8,600.00	6,839.10	8,939.32	7,155.01	62.62	63.03	-143.21	-678.36	-2,616.65	394.48	312.43	82.05	4.808	
8,700.00	6,839.18	9,039.32	7,154.71	65.44	65.84	-143.14	-679.02	-2,716.65	394.35	308.65	85.70	4.601	
8,800.00	6,839.27	9,139.32	7,154.42	68.28	68.66	-143.08	-679.68	-2,816.64	394.22	304.83	89.39	4.410	
8,900.00	6,839.35	9,239.32	7,154.12	71.13	71.49	-143.01	-680.35	-2,916.64	394.08	300.98	93.10	4.233	
9,000.00	6,839.43	9,339.32	7,153.83	73.99	74.33	-142.95	-681.01	-3,016.64	393.95	297.11	96.85	4.068	
9,100.00	6,839.51	9,439.32	7,153.53	76.85	77.18	-142.88	-681.67	-3,116.63	393.82	293.21	100.62	3.914	
9,200.00	6,839.59	9,539.32	7,153.24	79.72	80.04	-142.81	-682.33	-3,216.63	393.69	289.28	104.41	3.771	
9,300.00	6,839.67	9,639.31	7,152.94	82.60	82.90	-142.75	-682.99	-3,316.63	393.56	285.34	108.22	3.637	
9,400.00	6,839.75	9,739.31	7,152.65	85.48	85.77	-142.68	-683.65	-3,416.62	393.43	281.37	112.06	3.511	
9,500.00	6,839.83	9,839.31	7,152.35	88.37	88.65	-142.62	-684.31	-3,516.62	393.30	277.38	115.92	3.393	
9,600.00	6,839.92	9,939.31	7,152.06	91.27	91.54	-142.55	-684.97	-3,616.62	393.17	273.38	119.79	3.282	
9,700.00	6,840.00	10,039.31	7,151.76	94.16	94.43	-142.49	-685.63	-3,716.61	393.05	269.36	123.69	3.178	
9,800.00	6,840.08	10,139.31	7,151.47	97.07	97.32	-142.42	-686.30	-3,816.61	392.92	265.32	127.60	3.079	
9,900.00	6,840.16	10,239.31	7,151.17	99.97	100.22	-142.35	-686.96	-3,916.60	392.79	261.26	131.53	2.986	
10,000.00	6,840.24	10,339.31	7,150.88	102.88	103.12	-142.29	-687.62	-4,016.60	392.66	257.19	135.47	2.899	
10,100.00	6,840.32	10,439.31	7,150.58	105.79	106.02	-142.22	-688.28	-4,116.60	392.54	253.11	139.43	2.815	
10,200.00	6,840.40	10,539.30	7,150.29	108.71	108.93	-142.16	-688.94	-4,216.59	392.41	249.01	143.40	2.736	
10,300.00	6,840.49	10,639.30	7,149.99	111.63	111.84	-142.09	-689.60	-4,316.59	392.29	244.90	147.39	2.662	
10,400.00	6,840.57	10,739.30	7,149.70	114.54	114.75	-142.02	-690.26	-4,416.59	392.16	240.77	151.39	2.590	
10,500.00	6,840.65	10,839.30	7,149.40	117.47	117.67	-141.96	-690.92	-4,516.58	392.04	236.63	155.41	2.523	
10,600.00	6,840.73	10,939.30	7,149.11	120.39	120.58	-141.89	-691.58	-4,616.58	391.92	232.48	159.44	2.458	
10,700.00	6,840.81	11,039.30	7,148.81	123.32	123.50	-141.83	-692.25	-4,716.57	391.79	228.31	163.48	2.397	
10,800.00	6,840.89	11,139.30	7,148.52	126.24	126.42	-141.76	-692.91	-4,816.57	391.67	224.13	167.54	2.338	
10,900.00	6,840.97	11,239.30	7,148.22	129.17	129.35	-141.69	-693.57	-4,916.57	391.55	219.94	171.60	2.282	
11,000.00	6,841.06	11,339.30	7,147.93	132.10	132.27	-141.63	-694.23	-5,016.56	391.43	215.74	175.68	2.228	
11,100.00	6,841.14	11,439.29	7,147.63	135.03	135.20	-141.56	-694.89	-5,116.56	391.31	211.53	179.78	2.177	
11,200.00	6,841.22	11,539.29	7,147.34	137.97	138.13	-141.49	-695.55	-5,216.56	391.19	207.31	183.88	2.127	
11,300.00	6,841.30	11,639.29	7,147.04	140.90	141.06	-141.43	-696.21	-5,316.55	391.07	203.07	188.00	2.080	
11,400.00	6,841.38	11,739.29	7,146.75	143.84	143.99	-141.36	-696.87	-5,416.55	390.95	198.83	192.12	2.035	
11,500.00	6,841.46	11,839.29	7,146.45	146.77	146.92	-141.29	-697.53	-5,516.54	390.83	194.57	196.26	1.991	
11,600.00	6,841.54	11,939.29	7,146.16	149.71	149.85	-141.23	-698.20	-5,616.54	390.71	190.30	200.41	1.950	
11,700.00	6,841.63	12,039.29	7,145.86	152.65	152.79	-141.16	-698.86	-5,716.54	390.59	186.02	204.57	1.909	
11,800.00	6,841.71	12,139.29	7,145.57	155.59	155.72	-141.09	-699.52	-5,816.53	390.48	181.73	208.74	1.871	
11,900.00	6,841.79	12,239.29	7,145.27	158.53	158.66	-141.03	-700.18	-5,916.53	390.36	177.43	212.93	1.833	
12,000.00	6,841.87	12,339.28	7,144.98	161.47	161.60	-140.96	-700.84	-6,016.53	390.24	173.12	217.12	1.797	
12,100.00	6,841.95	12,439.28	7,144.68	164.41	164.54	-140.89	-701.50	-6,116.52	390.13	168.80	221.32	1.763	
12,200.00	6,842.03	12,539.28	7,144.39	167.35	167.47	-140.83	-702.16	-6,216.52	390.01	164.47	225.54	1.729	
12,300.00	6,842.11	12,639.28	7,144.09	170.30	170.41	-140.76	-702.82	-6,316.51	389.90	160.13	229.77	1.697	
12,400.00	6,842.20	12,739.28	7,143.79	173.24	173.35	-140.69	-703.48	-6,416.51	389.78	155.78	234.00	1.666	
12,500.00	6,842.28	12,839.28	7,143.50	176.18	176.30	-140.63	-704.15	-6,516.51	389.67	151.42	238.25	1.636	
12,600.00	6,842.36	12,939.28	7,143.20	179.13	179.24	-140.56	-704.81	-6,616.50	389.56	147.05	242.50	1.606	
12,700.00	6,842.44	13,039.28	7,142.91	182.07	182.18	-140.49	-705.47	-6,716.50	389.45	142.67	246.77	1.578	
12,800.00	6,842.52	13,139.28	7,142.61	185.02	185.12	-140.42	-706.13	-6,816.50	389.33	138.29	251.05	1.551	
12,900.00	6,842.60	13,239.27	7,142.32	187.97	188.07	-140.36	-706.79	-6,916.49	389.22	133.89	255.34	1.524	
13,000.00	6,842.68	13,339.27	7,142.02	190.91	191.01	-140.29	-707.45	-7,016.49	389.11	129.48	259.63	1.499 Level 3	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	6,842.77	13,439.27	7,141.73	193.86	193.96	-140.22	-708.11	-7,116.48	389.00	125.06	263.94	1.474	Level 3
13,200.00	6,842.85	13,539.27	7,141.43	196.81	196.90	-140.16	-708.77	-7,216.48	388.89	120.63	268.26	1.450	Level 3
13,300.00	6,842.93	13,639.27	7,141.14	199.76	199.85	-140.09	-709.43	-7,316.48	388.78	116.20	272.59	1.426	Level 3
13,400.00	6,843.01	13,739.27	7,140.84	202.71	202.79	-140.02	-710.09	-7,416.47	388.68	111.75	276.92	1.404	Level 3
13,500.00	6,843.09	13,839.27	7,140.55	205.66	205.74	-139.95	-710.76	-7,516.47	388.57	107.30	281.27	1.381	Level 3
13,600.00	6,843.17	13,939.27	7,140.25	208.61	208.69	-139.89	-711.42	-7,616.47	388.46	102.83	285.63	1.360	Level 3
13,700.00	6,843.25	14,039.27	7,139.96	211.56	211.63	-139.82	-712.08	-7,716.46	388.35	98.36	290.00	1.339	Level 3
13,800.00	6,843.33	14,139.27	7,139.66	214.51	214.58	-139.75	-712.74	-7,816.46	388.25	93.87	294.37	1.319	Level 3
13,900.00	6,843.42	14,239.26	7,139.37	217.46	217.53	-139.68	-713.40	-7,916.46	388.14	89.38	298.76	1.299	Level 3
14,000.00	6,843.50	14,339.26	7,139.07	220.41	220.48	-139.62	-714.06	-8,016.45	388.04	84.88	303.15	1.280	Level 3
14,100.00	6,843.58	14,439.26	7,138.78	223.36	223.43	-139.55	-714.72	-8,116.45	387.93	80.37	307.56	1.261	Level 3
14,200.00	6,843.66	14,539.26	7,138.48	226.31	226.38	-139.48	-715.38	-8,216.44	387.83	75.85	311.98	1.243	Level 2
14,300.00	6,843.74	14,639.26	7,138.19	229.26	229.33	-139.41	-716.04	-8,316.44	387.72	71.32	316.40	1.225	Level 2
14,400.00	6,843.82	14,739.26	7,137.89	232.21	232.28	-139.35	-716.71	-8,416.44	387.62	66.78	320.84	1.208	Level 2
14,500.00	6,843.90	14,839.26	7,137.60	235.17	235.23	-139.28	-717.37	-8,516.43	387.52	62.24	325.28	1.191	Level 2
14,600.00	6,843.99	14,939.26	7,137.30	238.12	238.18	-139.21	-718.03	-8,616.43	387.42	57.68	329.73	1.175	Level 2
14,700.00	6,844.07	15,039.26	7,137.01	241.07	241.13	-139.14	-718.69	-8,716.43	387.31	53.12	334.20	1.159	Level 2
14,800.00	6,844.15	15,139.25	7,136.71	244.02	244.08	-139.07	-719.35	-8,816.42	387.21	48.54	338.67	1.143	Level 2
14,900.00	6,844.23	15,239.25	7,136.42	246.98	247.03	-139.01	-720.01	-8,916.42	387.11	43.96	343.15	1.128	Level 2
15,000.00	6,844.31	15,339.25	7,136.12	249.93	249.98	-138.94	-720.67	-9,016.41	387.01	39.37	347.64	1.113	Level 2
15,100.00	6,844.39	15,439.25	7,135.83	252.88	252.93	-138.87	-721.33	-9,116.41	386.91	34.77	352.14	1.099	Level 2
15,200.00	6,844.47	15,539.25	7,135.53	255.84	255.88	-138.80	-721.99	-9,216.41	386.81	30.16	356.65	1.085	Level 2
15,300.00	6,844.56	15,639.25	7,135.24	258.79	258.84	-138.74	-722.66	-9,316.40	386.72	25.54	361.17	1.071	Level 2
15,400.00	6,844.64	15,739.25	7,134.94	261.75	261.79	-138.67	-723.32	-9,416.40	386.62	20.92	365.70	1.057	Level 2
15,500.00	6,844.72	15,839.25	7,134.65	264.70	264.74	-138.60	-723.98	-9,516.40	386.52	16.28	370.24	1.044	Level 2
15,600.00	6,844.80	15,939.25	7,134.35	267.66	267.69	-138.53	-724.64	-9,616.39	386.42	11.64	374.79	1.031	Level 2
15,700.00	6,844.88	16,039.24	7,134.06	270.61	270.65	-138.46	-725.30	-9,716.39	386.33	6.98	379.34	1.018	Level 2
15,800.00	6,844.96	16,139.24	7,133.76	273.56	273.60	-138.39	-725.96	-9,816.38	386.23	2.32	383.91	1.006	Level 2
15,900.00	6,845.04	16,239.24	7,133.47	276.52	276.55	-138.33	-726.62	-9,916.38	386.14	-2.35	388.48	0.994	Level 1
16,000.00	6,845.13	16,339.24	7,133.17	279.48	279.51	-138.26	-727.28	-10,016.38	386.04	-7.03	393.07	0.982	Level 1
16,100.00	6,845.21	16,439.24	7,132.88	282.43	282.46	-138.19	-727.94	-10,116.37	385.95	-11.71	397.66	0.971	Level 1
16,200.00	6,845.29	16,539.24	7,132.58	285.39	285.41	-138.12	-728.61	-10,216.37	385.86	-16.41	402.27	0.959	Level 1
16,300.00	6,845.37	16,639.24	7,132.29	288.34	288.37	-138.05	-729.27	-10,316.37	385.76	-21.12	406.88	0.948	Level 1
16,400.00	6,845.45	16,739.24	7,131.99	291.30	291.32	-137.99	-729.93	-10,416.36	385.67	-25.83	411.50	0.937	Level 1
16,500.00	6,845.53	16,839.24	7,131.70	294.25	294.28	-137.92	-730.59	-10,516.36	385.58	-30.55	416.13	0.927	Level 1
16,600.00	6,845.61	16,939.23	7,131.40	297.21	297.23	-137.85	-731.25	-10,616.35	385.49	-35.28	420.77	0.916	Level 1
16,700.00	6,845.70	17,039.23	7,131.11	300.17	300.18	-137.78	-731.91	-10,716.35	385.40	-40.02	425.42	0.906	Level 1
16,800.00	6,845.78	17,139.23	7,130.81	303.12	303.14	-137.71	-732.57	-10,816.35	385.31	-44.77	430.08	0.896	Level 1
16,900.00	6,845.86	17,239.23	7,130.52	306.08	306.09	-137.64	-733.23	-10,916.34	385.22	-49.52	434.74	0.886	Level 1
17,000.00	6,845.94	17,339.23	7,130.22	309.03	309.05	-137.57	-733.89	-11,016.34	385.13	-54.29	439.42	0.876	Level 1
17,074.59	6,846.00	17,413.82	7,130.00	311.24	311.25	-137.52	-734.39	-11,090.92	385.06	-57.85	442.91	0.869	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	3.00	3.28	3.28	-95.89	-18.57	-180.15	181.10				
100.00	100.00	103.00	103.00	3.28	3.28	-95.89	-18.57	-180.15	181.10	173.58	7.53	24.059	
200.00	200.00	203.00	203.00	3.30	3.30	-95.89	-18.57	-180.15	181.10	173.53	7.57	23.925	CC
300.00	300.00	299.97	299.96	3.34	3.34	26.13	-18.73	-180.55	181.16	173.51	7.65	23.681	
400.00	399.93	394.24	394.18	3.40	3.40	26.31	-19.93	-183.52	181.28	173.53	7.75	23.381	
500.00	499.68	488.51	488.23	3.48	3.48	26.67	-22.29	-189.35	181.44	173.54	7.89	22.986	
600.00	599.13	582.78	582.03	3.59	3.57	27.21	-25.80	-198.05	181.64	173.57	8.07	22.506	
700.00	698.32	677.04	675.46	3.73	3.70	27.77	-30.47	-209.61	183.02	174.73	8.29	22.083	
800.00	797.51	771.15	768.28	3.90	3.87	28.02	-36.28	-223.98	187.50	178.96	8.54	21.945	
900.00	896.70	864.91	860.20	4.08	4.07	27.97	-43.20	-241.10	195.10	186.26	8.84	22.076	
1,000.00	995.89	958.13	950.94	4.29	4.31	27.67	-51.19	-260.88	205.79	196.63	9.16	22.458	
1,100.00	1,095.08	1,055.96	1,045.65	4.52	4.62	27.20	-60.37	-283.61	218.60	209.04	9.56	22.855	
1,200.00	1,194.27	1,155.11	1,141.62	4.76	4.96	26.78	-69.70	-306.71	231.49	221.48	10.01	23.132	
1,300.00	1,293.46	1,254.26	1,237.59	5.01	5.32	26.40	-79.03	-329.80	244.39	233.91	10.48	23.328	
1,400.00	1,392.65	1,353.41	1,333.56	5.27	5.71	26.06	-88.36	-352.90	257.30	246.33	10.97	23.455	
1,500.00	1,491.84	1,452.57	1,429.54	5.54	6.11	25.75	-97.70	-376.00	270.22	258.74	11.48	23.548	
1,600.00	1,591.03	1,551.72	1,525.51	5.82	6.53	25.47	-107.03	-399.09	283.15	271.14	12.00	23.590	
1,700.00	1,690.22	1,650.87	1,621.48	6.11	6.96	25.21	-116.36	-422.19	296.08	283.53	12.54	23.603	
1,800.00	1,789.41	1,750.02	1,717.45	6.26	7.29	24.97	-125.69	-445.28	309.01	296.33	12.69	24.359	
1,900.00	1,888.60	1,849.17	1,813.42	6.29	7.45	24.76	-135.02	-468.38	321.96	309.34	12.62	25.511	
2,000.00	1,987.79	1,948.33	1,909.40	6.34	7.54	24.56	-144.35	-491.47	334.90	322.22	12.69	26.399	
2,100.00	2,086.98	2,047.48	2,005.37	6.41	7.66	24.37	-153.68	-514.57	347.85	335.06	12.79	27.200	
2,200.00	2,186.17	2,146.63	2,101.34	6.50	7.81	24.20	-163.01	-537.67	360.81	347.88	12.93	27.911	
2,300.00	2,285.36	2,245.78	2,197.31	6.60	7.99	24.04	-172.34	-560.76	373.76	360.66	13.10	28.533	
2,400.00	2,384.54	2,344.93	2,293.29	6.72	8.20	23.90	-181.68	-583.86	386.72	373.42	13.30	29.067	
2,500.00	2,483.73	2,444.09	2,389.26	6.86	8.43	23.76	-191.01	-606.95	399.68	386.14	13.54	29.517	
2,600.00	2,582.92	2,543.24	2,485.23	7.01	8.68	23.63	-200.34	-630.05	412.64	398.84	13.81	29.888	
2,700.00	2,682.11	2,642.39	2,581.20	7.17	8.95	23.50	-209.67	-653.14	425.61	411.51	14.10	30.186	
2,800.00	2,781.30	2,741.54	2,677.17	7.35	9.25	23.39	-219.00	-676.24	438.58	424.16	14.42	30.417	
2,900.00	2,880.49	2,840.69	2,773.15	7.54	9.56	23.28	-228.33	-699.34	451.54	436.78	14.76	30.589	
3,000.00	2,979.68	2,939.85	2,869.12	7.73	9.89	23.18	-237.66	-722.43	464.51	449.39	15.13	30.708	
3,100.00	3,078.87	3,039.00	2,965.09	7.94	10.23	23.08	-246.99	-745.53	477.49	461.97	15.51	30.780	
3,200.00	3,178.06	3,138.15	3,061.06	8.16	10.58	22.99	-256.32	-768.62	490.46	474.54	15.92	30.812	
3,300.00	3,277.25	3,237.30	3,157.03	8.39	10.95	22.90	-265.65	-791.72	503.43	487.09	16.34	30.810	
3,400.00	3,376.44	3,336.45	3,253.01	8.62	11.32	22.82	-274.99	-814.81	516.41	499.63	16.78	30.778	
3,500.00	3,475.63	3,435.61	3,348.98	8.86	11.71	22.74	-284.32	-837.91	529.38	512.15	17.23	30.721	
3,600.00	3,574.82	3,534.76	3,444.95	9.11	12.10	22.67	-293.65	-861.01	542.36	524.66	17.70	30.644	
3,700.00	3,674.01	3,633.91	3,540.92	9.36	12.50	22.59	-302.98	-884.10	555.34	537.16	18.18	30.549	
3,800.00	3,773.20	3,733.06	3,636.89	9.62	12.91	22.53	-312.31	-907.20	568.32	549.65	18.67	30.441	
3,900.00	3,872.39	3,832.21	3,732.87	9.89	13.33	22.46	-321.64	-930.29	581.30	562.13	19.17	30.321	
4,000.00	3,971.58	3,931.37	3,828.84	10.16	13.75	22.40	-330.97	-953.39	594.28	574.59	19.68	30.193	
4,100.00	4,070.77	4,030.52	3,924.81	10.43	14.17	22.34	-340.30	-976.48	607.26	587.05	20.20	30.058	
4,200.00	4,169.95	4,129.67	4,020.78	10.71	14.60	22.28	-349.63	-999.58	620.24	599.51	20.73	29.917	
4,300.00	4,269.14	4,228.82	4,116.75	10.99	15.04	22.23	-358.97	-1,022.67	633.22	611.95	21.27	29.773	
4,400.00	4,368.33	4,327.97	4,212.73	11.28	15.48	22.18	-368.30	-1,045.77	646.20	624.39	21.81	29.627	
4,500.00	4,467.52	4,427.13	4,308.70	11.57	15.92	22.12	-377.63	-1,068.87	659.19	636.82	22.36	29.479	
4,600.00	4,566.71	4,526.28	4,404.67	11.86	16.37	22.08	-386.96	-1,091.96	672.17	649.25	22.92	29.330	
4,700.00	4,665.90	4,625.43	4,500.64	12.15	16.82	22.03	-396.29	-1,115.06	685.15	661.67	23.48	29.181	
4,800.00	4,765.09	4,724.58	4,596.61	12.45	17.27	21.98	-405.62	-1,138.15	698.14	674.09	24.05	29.033	
4,900.00	4,864.28	4,823.73	4,692.59	12.75	17.73	21.94	-414.95	-1,161.25	711.12	686.50	24.62	28.886	
5,000.00	4,963.47	4,922.89	4,788.56	13.05	18.18	21.90	-424.28	-1,184.34	724.11	698.91	25.19	28.741	
5,100.00	5,062.66	5,022.04	4,884.53	13.36	18.64	21.86	-433.61	-1,207.44	737.09	711.32	25.77	28.598	
5,200.00	5,161.85	5,121.19	4,980.50	13.66	19.10	21.82	-442.95	-1,230.54	750.08	723.72	26.36	28.457	
5,300.00	5,261.04	5,220.34	5,076.48	13.97	19.57	21.78	-452.28	-1,253.63	763.06	736.12	26.95	28.318	
5,400.00	5,360.23	5,319.49	5,172.45	14.28	20.03	21.75	-461.61	-1,276.73	776.05	748.51	27.54	28.181	
5,500.00	5,459.42	5,418.65	5,268.42	14.59	20.50	21.71	-470.94	-1,299.82	789.04	760.91	28.13	28.047	
5,600.00	5,558.61	5,517.80	5,364.39	14.91	20.97	21.68	-480.27	-1,322.92	802.03	773.29	28.73	27.916	
5,700.00	5,657.80	5,616.95	5,460.36	15.22	21.44	21.64	-489.60	-1,346.01	815.01	785.68	29.33	27.787	
5,800.00	5,756.99	5,716.10	5,556.34	15.53	21.91	21.61	-498.93	-1,369.11	828.00	798.07	29.93	27.661	
5,900.00	5,856.18	5,815.25	5,652.31	15.85	22.39	21.58	-508.26	-1,392.21	840.99	810.45	30.54	27.538	
6,000.00	5,955.36	5,914.41	5,748.28	16.17	22.86	21.55	-517.59	-1,415.30	853.98	822.83	31.15	27.417	
6,100.00	6,054.55	6,013.56	5,844.25										

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance								
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,600.00	6,534.91	7,950.16	7,183.18	18.55	34.68	-141.14	-662.55	-738.14	691.45	658.67	32.78	21.093			
6,700.00	6,615.53	7,907.03	7,182.13	19.31	33.90	-145.00	-662.14	-795.32	613.48	580.04	33.44	18.344			
6,800.00	6,685.98	7,823.68	7,180.85	20.26	32.52	-146.71	-661.64	-864.60	545.88	511.89	33.98	16.062			
6,900.00	6,744.53	7,743.98	7,179.37	21.45	31.32	-147.18	-661.07	-944.28	490.16	455.41	34.75	14.106			
7,000.00	6,789.75	7,542.20	7,150.18	22.91	28.87	-142.00	-657.14	-1,143.09	438.59	405.55	33.03	13.277			
7,100.00	6,820.51	7,372.74	7,079.11	24.63	27.55	-134.42	-649.32	-1,296.18	377.73	343.94	33.79	11.179			
7,200.00	6,836.06	7,247.97	7,002.37	26.56	26.99	-126.26	-641.24	-1,393.97	315.80	279.06	36.74	8.597			
7,300.00	6,838.04	7,149.72	6,929.46	28.64	26.75	-114.25	-633.72	-1,459.25	258.08	216.36	41.73	6.185			
7,400.00	6,838.13	7,078.63	6,870.91	30.86	26.64	-98.89	-627.74	-1,499.05	209.16	159.39	49.77	4.203			
7,500.00	6,838.21	7,026.87	6,825.68	33.21	26.59	-85.21	-623.15	-1,523.78	186.00	127.53	58.47	3.181			
7,508.89	6,838.21	7,022.96	6,822.19	33.43	26.59	-84.12	-622.80	-1,525.49	185.83	126.83	59.00	3.150 ES, SF			
7,600.00	6,838.29	6,987.97	6,790.46	35.65	26.56	-74.38	-619.59	-1,539.88	203.58	143.17	60.41	3.370			
7,700.00	6,838.37	6,957.88	6,762.58	38.16	26.54	-66.25	-616.79	-1,550.84	256.20	199.54	56.66	4.521			
7,800.00	6,838.45	6,934.01	6,740.11	40.74	26.53	-60.18	-614.53	-1,558.58	328.62	276.04	52.58	6.250			
7,900.00	6,838.53	6,914.66	6,721.70	43.37	26.52	-55.60	-612.69	-1,564.23	411.13	361.53	49.60	8.289			
8,000.00	6,838.61	6,900.00	6,707.64	46.04	26.51	-52.35	-611.28	-1,568.14	499.08	451.50	47.58	10.489			
8,100.00	6,838.70	6,885.29	6,693.45	48.74	26.50	-49.28	-609.87	-1,571.73	590.25	544.12	46.13	12.795			
8,200.00	6,838.78	6,873.90	6,682.41	51.48	26.50	-47.05	-608.77	-1,574.28	683.48	638.35	45.12	15.147			
8,300.00	6,838.86	6,864.11	6,672.88	54.23	26.49	-45.22	-607.82	-1,576.32	778.09	733.71	44.38	17.532			
8,400.00	6,838.94	6,850.00	6,659.09	57.01	26.48	-42.73	-606.44	-1,578.99	873.74	829.99	43.75	19.970			
8,500.00	6,839.02	6,850.00	6,659.09	59.81	26.48	-42.73	-606.44	-1,578.99	970.04	926.62	43.42	22.339			
8,600.00	6,839.10	6,850.00	6,659.09	62.62	26.48	-42.73	-606.44	-1,578.99	1,067.03	1,023.86	43.16	24.721			
8,700.00	6,839.18	6,850.00	6,659.09	65.44	26.48	-42.73	-606.44	-1,578.99	1,164.52	1,121.57	42.95	27.111			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	3.00	3.28	3.28	-89.53	1.47	-179.87	179.88				
100.00	100.00	103.00	103.00	3.28	3.28	-89.53	1.47	-179.87	179.88	172.35	7.53	23.896	
200.00	200.00	203.00	203.00	3.30	3.30	-89.53	1.47	-179.87	179.88	172.31	7.57	23.763	
300.00	300.00	299.95	299.95	3.34	3.34	32.51	1.37	-180.30	179.96	172.31	7.65	23.524	
400.00	399.93	394.18	394.12	3.40	3.40	32.83	0.66	-183.41	180.31	172.56	7.75	23.253	
500.00	499.68	488.39	488.12	3.48	3.48	33.48	-0.74	-189.53	180.95	173.05	7.90	22.919	
600.00	599.13	582.57	581.83	3.59	3.58	34.44	-2.83	-198.67	181.89	173.82	8.07	22.527	
700.00	698.32	676.70	675.13	3.73	3.71	35.52	-5.61	-210.79	184.23	175.94	8.29	22.211	
800.00	797.51	770.66	767.80	3.90	3.87	36.28	-9.06	-225.86	189.74	181.18	8.56	22.176	
900.00	896.70	864.24	859.54	4.08	4.07	36.73	-13.17	-243.81	198.38	189.53	8.86	22.401	
1,000.00	995.89	957.78	950.06	4.29	4.31	36.88	-17.92	-264.53	210.12	200.93	9.19	22.863	
1,100.00	1,095.08	1,056.34	1,046.17	4.52	4.61	36.89	-23.33	-288.15	223.39	213.78	9.61	23.243	
1,200.00	1,194.27	1,155.45	1,142.28	4.76	4.95	36.90	-28.74	-311.77	236.66	226.60	10.06	23.516	
1,300.00	1,293.46	1,254.57	1,238.39	5.01	5.31	36.91	-34.15	-335.39	249.94	239.39	10.54	23.703	
1,400.00	1,392.65	1,353.68	1,334.49	5.27	5.68	36.92	-39.56	-359.01	263.21	252.16	11.05	23.817	
1,500.00	1,491.84	1,452.80	1,430.60	5.54	6.08	36.92	-44.96	-382.62	276.48	264.91	11.57	23.897	
1,600.00	1,591.03	1,551.91	1,526.71	5.82	6.49	36.93	-50.37	-406.24	289.76	277.65	12.11	23.922	
1,700.00	1,690.22	1,651.03	1,622.82	6.11	6.90	36.94	-55.78	-429.86	303.03	290.36	12.67	23.919	
1,800.00	1,789.41	1,750.15	1,718.93	6.26	7.23	36.94	-61.19	-453.48	316.30	303.48	12.82	24.665	
1,900.00	1,888.60	1,849.26	1,815.03	6.29	7.39	36.95	-66.60	-477.10	329.58	316.81	12.77	25.812	
2,000.00	1,987.79	1,948.38	1,911.14	6.34	7.47	36.95	-72.01	-500.72	342.85	330.01	12.84	26.693	
2,100.00	2,086.98	2,047.49	2,007.25	6.41	7.59	36.95	-77.42	-524.33	356.12	343.17	12.96	27.483	
2,200.00	2,186.17	2,146.61	2,103.36	6.50	7.74	36.96	-82.83	-547.95	369.40	356.29	13.11	28.181	
2,300.00	2,285.36	2,245.72	2,199.47	6.60	7.91	36.96	-88.24	-571.57	382.67	369.38	13.29	28.788	
2,400.00	2,384.54	2,344.84	2,295.57	6.72	8.11	36.96	-93.65	-595.19	395.94	382.43	13.51	29.305	
2,500.00	2,483.73	2,443.95	2,391.68	6.86	8.33	36.97	-99.06	-618.81	409.22	395.46	13.76	29.736	
2,600.00	2,582.92	2,543.07	2,487.79	7.01	8.58	36.97	-104.47	-642.43	422.49	408.45	14.04	30.087	
2,700.00	2,682.11	2,642.18	2,583.90	7.17	8.84	36.97	-109.87	-666.04	435.76	421.41	14.35	30.365	
2,800.00	2,781.30	2,741.30	2,680.00	7.35	9.13	36.98	-115.28	-689.66	449.04	434.35	14.69	30.576	
2,900.00	2,880.49	2,840.41	2,776.11	7.54	9.43	36.98	-120.69	-713.28	462.31	447.27	15.05	30.727	
3,000.00	2,979.68	2,939.53	2,872.22	7.73	9.75	36.98	-126.10	-736.90	475.59	460.16	15.43	30.825	
3,100.00	3,078.87	3,038.64	2,968.33	7.94	10.08	36.98	-131.51	-760.52	488.86	473.03	15.83	30.877	
3,200.00	3,178.06	3,137.76	3,064.44	8.16	10.42	36.99	-136.92	-784.14	502.13	485.88	16.26	30.890	
3,300.00	3,277.25	3,236.87	3,160.54	8.39	10.78	36.99	-142.33	-807.75	515.41	498.71	16.70	30.869	
3,400.00	3,376.44	3,335.99	3,256.65	8.62	11.15	36.99	-147.74	-831.37	528.68	511.52	17.15	30.820	
3,500.00	3,475.63	3,435.10	3,352.76	8.86	11.52	36.99	-153.15	-854.99	541.95	524.33	17.63	30.747	
3,600.00	3,574.82	3,534.22	3,448.87	9.11	11.90	36.99	-158.56	-878.61	555.23	537.11	18.11	30.653	
3,700.00	3,674.01	3,633.33	3,544.98	9.36	12.30	36.99	-163.97	-902.23	568.50	549.89	18.61	30.544	
3,800.00	3,773.20	3,732.45	3,641.08	9.62	12.69	37.00	-169.38	-925.85	581.77	562.65	19.12	30.422	
3,900.00	3,872.39	3,831.56	3,737.19	9.89	13.10	37.00	-174.78	-949.46	595.05	575.40	19.65	30.289	
4,000.00	3,971.58	3,930.68	3,833.30	10.16	13.51	37.00	-180.19	-973.08	608.32	588.14	20.18	30.148	
4,100.00	4,070.77	4,029.79	3,929.41	10.43	13.92	37.00	-185.60	-996.70	621.59	600.87	20.72	30.002	
4,200.00	4,169.95	4,128.91	4,025.52	10.71	14.34	37.00	-191.01	-1,020.32	634.87	613.60	21.27	29.851	
4,300.00	4,269.14	4,228.02	4,121.62	10.99	14.77	37.00	-196.42	-1,043.94	648.14	626.31	21.83	29.696	
4,400.00	4,368.33	4,327.14	4,217.73	11.28	15.20	37.00	-201.83	-1,067.56	661.41	639.02	22.39	29.540	
4,500.00	4,467.52	4,426.25	4,313.84	11.57	15.63	37.00	-207.24	-1,091.17	674.69	651.72	22.96	29.384	
4,600.00	4,566.71	4,525.37	4,409.95	11.86	16.07	37.01	-212.65	-1,114.79	687.96	664.42	23.54	29.227	
4,700.00	4,665.90	4,624.49	4,506.06	12.15	16.51	37.01	-218.06	-1,138.41	701.23	677.11	24.12	29.070	
4,800.00	4,765.09	4,723.60	4,602.16	12.45	16.95	37.01	-223.47	-1,162.03	714.51	689.80	24.71	28.915	
4,900.00	4,864.28	4,822.72	4,698.27	12.75	17.39	37.01	-228.88	-1,185.65	727.78	702.48	25.30	28.762	
5,000.00	4,963.47	4,921.83	4,794.38	13.05	17.84	37.01	-234.28	-1,209.27	741.05	715.15	25.90	28.610	
5,100.00	5,062.66	5,020.95	4,890.49	13.36	18.29	37.01	-239.69	-1,232.88	754.33	727.82	26.50	28.461	
5,200.00	5,161.85	5,120.06	4,986.59	13.66	18.74	37.01	-245.10	-1,256.50	767.60	740.49	27.11	28.314	
5,300.00	5,261.04	5,219.18	5,082.70	13.97	19.19	37.01	-250.51	-1,280.12	780.87	753.15	27.72	28.170	
5,400.00	5,360.23	5,318.29	5,178.81	14.28	19.65	37.01	-255.92	-1,303.74	794.15	765.81	28.33	28.029	
5,500.00	5,459.42	5,417.41	5,274.92	14.59	20.10	37.01	-261.33	-1,327.36	807.42	778.47	28.95	27.890	
5,600.00	5,558.61	5,516.52	5,371.03	14.91	20.56	37.01	-266.74	-1,350.98	820.69	791.12	29.57	27.754	
5,700.00	5,657.80	5,615.64	5,467.13	15.22	21.02	37.02	-272.15	-1,374.59	833.97	803.77	30.19	27.622	
5,800.00	5,756.99	5,714.75	5,563.24	15.53	21.48	37.02	-277.56	-1,398.21	847.24	816.42	30.82	27.492	
5,900.00	5,856.18	5,813.87	5,659.35	15.85	21.95	37.02	-282.97	-1,421.83	860.51	829.07	31.45	27.365	
6,000.00	5,955.36	5,912.98	5,755.46	16.17	22.41	37.02	-288.38	-1,445.45	873.79	841.71	32.08	27.241	
6,100.00	6,054.55	6,012.10	5,851.57	16.49	22.87	37.02	-293.79	-1,469.07	887.06	854.35	32.71	27.120	
6,200.00	6,153.74	6,111.21	5,947.67	16.81	23.34	37.02	-299.19	-1,492.69	900.33	866.99	33.34	27.002	
6,300.00	6,252.93	7,902.20	7,062.24	17.13	36.12	165.68	-374.66	-647.81	806.71	777.70	29.01	27.805	
6,400.00	6,351.34	7,888.30	7,061.96	17.48	35.85	169.79	-374.48	-661.71	708.28	679.04	29.24	24.226	
6,500.00	6,446.12	7,859.37	7,061.40	17.95	35.28	171.28	-374.12	-690.64	613.34	583.94	29.40	20.862	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1											Offset Site Error:		0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning										
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor												
6,600.00	6,534.91	7,815.83	7,060.55	18.55	34.43	171.23	-373.57	-734.16	524.32	494.79	29.53	17.757												
6,700.00	6,615.53	7,758.76	7,059.43	19.31	33.37	170.46	-372.86	-791.21	443.50	413.83	29.67	14.947												
6,800.00	6,685.98	7,689.58	7,058.08	20.26	32.15	169.16	-371.99	-860.38	372.97	343.07	29.89	12.477												
6,900.00	6,744.53	7,609.97	7,056.52	21.45	30.86	167.41	-370.99	-939.96	314.51	284.23	30.28	10.388												
7,000.00	6,789.75	7,480.87	7,045.77	22.91	29.04	163.30	-368.90	-1,068.42	264.77	234.15	30.62	8.646												
7,100.00	6,820.51	7,352.87	7,010.36	24.63	27.56	156.67	-365.41	-1,191.15	212.22	179.34	32.89	6.453												
7,200.00	6,836.06	7,242.93	6,960.90	26.56	26.63	146.78	-361.37	-1,289.10	160.18	122.32	37.86	4.231												
7,300.00	6,838.04	7,147.13	6,904.62	28.64	26.06	128.40	-357.17	-1,366.40	113.37	66.63	46.74	2.426												
7,400.00	6,838.13	7,069.98	6,851.28	30.86	25.76	96.88	-353.38	-1,421.96	84.89	28.34	56.54	1.501												
7,408.01	6,838.13	7,064.54	6,847.28	31.05	25.74	94.16	-353.11	-1,425.62	84.68	28.12	56.56	1.497	Level 3, CC, ES, SF											
7,500.00	6,838.21	7,008.88	6,804.52	33.21	25.59	67.29	-350.18	-1,461.11	110.45	63.74	46.72	2.364												
7,600.00	6,838.29	6,960.14	6,764.66	35.65	25.49	49.72	-347.50	-1,489.01	174.84	137.01	37.83	4.622												
7,700.00	6,838.37	6,920.78	6,730.99	38.16	25.43	40.04	-345.28	-1,509.26	253.34	218.46	34.88	7.263												
7,800.00	6,838.45	6,888.56	6,702.54	40.74	25.39	34.27	-343.43	-1,524.25	338.10	304.07	34.02	9.937												
7,900.00	6,838.53	6,861.83	6,678.38	43.37	25.37	30.55	-341.88	-1,535.59	426.41	392.56	33.86	12.595												
8,000.00	6,838.61	6,839.37	6,657.73	46.04	25.35	27.97	-340.56	-1,544.32	517.07	483.14	33.93	15.238												
8,100.00	6,838.70	6,820.27	6,639.94	48.74	25.34	26.10	-339.43	-1,551.17	609.38	575.29	34.09	17.874												
8,200.00	6,838.78	6,800.00	6,620.84	51.48	25.32	24.37	-338.22	-1,557.85	702.96	668.71	34.24	20.528												
8,300.00	6,838.86	6,800.00	6,620.84	54.23	25.32	24.37	-338.22	-1,557.85	797.59	763.03	34.57	23.075												
8,400.00	6,838.94	6,777.18	6,599.10	57.01	25.31	22.69	-336.86	-1,564.63	892.70	858.04	34.66	25.759												
8,500.00	6,839.02	6,766.21	6,588.56	59.81	25.30	21.96	-336.20	-1,567.61	988.56	953.73	34.83	28.382												
8,600.00	6,839.10	6,750.00	6,572.90	62.62	25.30	20.98	-335.23	-1,571.69	1,084.97	1,050.01	34.95	31.039												
8,700.00	6,839.18	6,750.00	6,572.90	65.44	25.30	20.98	-335.23	-1,571.69	1,181.69	1,146.53	35.17	33.603												

Offset Design		5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	37.16	880.53	667.39	1,105.13				
100.00	100.00	76.16	76.15	3.28	3.28	37.18	880.27	667.72	1,104.87	1,097.51	7.35	150.229	
200.00	200.00	178.55	178.54	3.30	3.29	37.25	879.41	668.69	1,104.77	1,097.38	7.39	149.582	
285.97	285.97	274.58	274.56	3.34	3.32	159.31	878.36	669.10	1,104.85	1,097.41	7.44	148.444	
300.00	300.00	290.63	290.61	3.34	3.32	159.32	878.12	669.09	1,104.48	1,097.03	7.45	148.156	CC, ES
400.00	399.93	406.74	406.70	3.40	3.37	159.40	876.05	667.88	1,105.70	1,098.15	7.56	146.304	
500.00	499.68	513.34	513.24	3.48	3.43	159.45	874.12	665.03	1,109.18	1,101.48	7.70	144.116	
600.00	599.13	609.38	609.21	3.59	3.50	159.49	872.90	661.63	1,115.82	1,107.95	7.87	141.812	
700.00	698.32	705.71	705.47	3.73	3.57	159.56	872.25	657.90	1,124.81	1,116.74	8.07	139.348	
800.00	797.51	805.96	805.64	3.90	3.66	159.65	871.68	654.05	1,133.94	1,125.64	8.30	136.556	
900.00	896.70	902.57	902.19	4.08	3.76	159.76	871.00	650.69	1,143.19	1,134.63	8.56	133.542	
1,000.00	995.89	1,003.26	1,002.83	4.29	3.87	159.89	869.99	647.67	1,152.51	1,143.67	8.85	130.298	
1,100.00	1,095.08	1,102.13	1,101.66	4.52	3.99	160.03	868.88	644.84	1,161.82	1,152.67	9.15	126.968	
1,200.00	1,194.27	1,204.97	1,204.44	4.76	4.12	160.17	867.62	641.82	1,171.02	1,161.54	9.48	123.525	
1,300.00	1,293.46	1,300.97	1,300.39	5.01	4.25	160.28	866.61	638.84	1,180.24	1,170.43	9.82	120.199	
1,400.00	1,392.65	1,400.05	1,399.41	5.27	4.39	160.38	865.95	635.52	1,189.63	1,179.45	10.18	116.895	
1,500.00	1,491.84	1,496.33	1,495.63	5.54	4.53	160.47	865.55	632.23	1,199.17	1,188.63	10.54	113.727	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)	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	38.56	844.10	672.96	1,079.77				
100.00	100.00	80.18	80.18	3.28	3.28	38.57	843.96	672.94	1,079.41	1,072.06		7.35	146.766
200.00	200.00	177.94	177.94	3.30	3.29	38.57	843.76	672.81	1,079.17	1,071.78		7.39	146.115
204.39	204.39	182.17	182.17	3.30	3.29	160.57	843.76	672.80	1,079.16	1,071.78		7.39	146.072 CC, ES
300.00	300.00	280.73	280.73	3.34	3.32	160.56	843.86	672.43	1,079.43	1,071.98		7.45	144.845
400.00	399.93	381.12	381.12	3.40	3.36	160.58	843.72	671.96	1,082.32	1,074.77		7.55	143.375
500.00	499.68	480.99	480.99	3.48	3.41	160.66	843.44	671.69	1,088.52	1,080.83		7.68	141.671
600.00	599.13	573.20	573.20	3.59	3.47	160.78	843.20	671.80	1,098.26	1,090.41		7.85	139.914
700.00	698.32	673.34	673.34	3.73	3.54	160.99	843.35	672.18	1,110.59	1,102.54		8.05	137.968
800.00	797.51	774.03	774.02	3.90	3.63	161.23	843.11	672.58	1,122.69	1,114.42		8.28	135.670
900.00	896.70	872.50	872.50	4.08	3.72	161.46	842.91	672.92	1,134.81	1,126.28		8.53	133.092
1,000.00	995.89	970.09	970.09	4.29	3.83	161.66	842.94	673.14	1,147.04	1,138.24		8.80	130.326
1,100.00	1,095.08	1,068.89	1,068.88	4.52	3.94	161.84	843.35	673.09	1,159.39	1,150.29		9.10	127.419
1,200.00	1,194.27	1,183.72	1,183.71	4.76	4.08	162.07	843.14	672.95	1,171.30	1,161.86		9.44	124.135
1,300.00	1,293.46	1,300.24	1,300.19	5.01	4.23	162.39	840.19	673.15	1,181.60	1,171.80		9.79	120.640
1,400.00	1,392.65	1,431.09	1,430.79	5.27	4.42	162.92	832.49	674.45	1,189.93	1,179.74		10.19	116.794
1,500.00	1,491.84	1,559.49	1,558.53	5.54	4.61	163.63	819.77	676.54	1,195.71	1,185.12		10.59	112.860
1,600.00	1,591.03	1,686.58	1,684.24	5.82	4.81	164.56	801.60	680.55	1,199.40	1,188.39		11.01	108.909
1,800.00	1,789.41	1,961.17	1,953.00	6.26	5.26	167.06	746.26	688.20	1,198.28	1,186.70		11.58	103.508
1,900.00	1,888.60	2,075.94	2,063.93	6.29	5.46	168.32	717.07	691.62	1,194.63	1,182.85		11.78	101.408
2,000.00	1,987.79	2,190.20	2,173.54	6.34	5.66	169.71	685.05	695.56	1,189.95	1,177.95		12.00	99.127
2,100.00	2,086.98	2,303.13	2,281.26	6.41	5.88	171.16	651.35	699.30	1,184.49	1,172.24		12.25	96.670
2,200.00	2,186.17	2,435.75	2,406.48	6.50	6.15	173.01	607.84	703.10	1,177.30	1,164.75		12.55	93.800
2,300.00	2,285.36	2,539.68	2,503.56	6.60	6.38	174.58	570.86	705.79	1,168.85	1,156.00		12.85	90.990
2,400.00	2,384.54	2,630.32	2,587.57	6.72	6.59	176.07	537.07	709.72	1,161.48	1,148.33		13.15	88.318
2,500.00	2,483.73	2,728.06	2,677.01	6.86	6.84	177.85	498.12	715.73	1,154.93	1,141.43		13.50	85.579
2,600.00	2,582.92	2,821.10	2,761.28	7.01	7.08	179.67	459.29	722.64	1,149.46	1,135.59		13.86	82.928
2,700.00	2,682.11	2,915.69	2,848.17	7.17	7.34	-178.63	422.28	727.60	1,145.01	1,130.77		14.25	80.358
2,800.00	2,781.30	2,995.93	2,922.56	7.35	7.56	-177.25	392.44	731.35	1,142.24	1,127.61		14.62	78.111
2,876.40	2,857.08	3,056.64	2,978.82	7.49	7.73	-176.20	369.90	734.92	1,141.58	1,126.66		14.92	76.505
2,900.00	2,880.49	3,075.28	2,996.06	7.54	7.78	-175.86	362.93	736.19	1,141.64	1,126.63		15.01	76.039
3,000.00	2,979.68	3,151.38	3,066.51	7.73	8.00	-174.51	334.76	741.95	1,143.42	1,128.01		15.41	74.203
3,100.00	3,078.87	3,249.86	3,158.62	7.94	8.29	-172.88	300.73	749.45	1,147.39	1,131.52		15.88	72.276
3,200.00	3,178.06	3,364.06	3,265.38	8.16	8.62	-171.02	260.71	755.92	1,150.35	1,133.95		16.40	70.139
3,300.00	3,277.25	3,477.64	3,371.46	8.39	8.97	-169.18	220.46	761.08	1,153.21	1,136.26		16.95	68.054
3,400.00	3,376.44	3,571.76	3,459.40	8.62	9.26	-167.69	187.04	764.17	1,155.80	1,138.35		17.45	66.228
3,500.00	3,475.63	3,661.26	3,542.99	8.86	9.55	-166.26	155.25	767.57	1,159.74	1,141.78		17.96	64.573
3,600.00	3,574.82	3,751.60	3,626.95	9.11	9.85	-164.78	122.18	771.72	1,164.95	1,146.46		18.49	63.002
3,700.00	3,674.01	3,839.03	3,707.06	9.36	10.15	-163.21	87.57	776.90	1,171.52	1,152.48		19.04	61.541
3,800.00	3,773.20	3,929.92	3,788.92	9.62	10.48	-161.44	48.66	783.66	1,179.81	1,160.19		19.62	60.128
3,900.00	3,872.39	4,042.01	3,888.86	9.89	10.91	-159.19	-1.51	791.34	1,188.54	1,168.22		20.32	58.490
4,000.00	3,971.58	4,145.79	3,981.22	10.16	11.32	-157.13	-48.53	796.76	1,197.11	1,176.11		21.00	57.004 SF

Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis						Distance				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	-42.01	603.66	-543.78		812.58				
100.00	100.00	84.22	84.22	3.28	3.28	-42.01	603.72	-543.84		812.56	805.20	7.35	110.480	
200.00	200.00	183.46	183.46	3.30	3.29	-42.03	603.77	-544.20		812.84	805.45	7.39	110.038	
300.00	300.00	281.44	281.44	3.34	3.32	79.95	603.66	-544.94		813.18	805.73	7.45	109.111	
400.00	399.93	375.30	375.29	3.40	3.36	80.12	603.79	-546.04		813.47	805.92	7.55	107.812	
500.00	499.68	481.53	481.50	3.48	3.41	80.54	603.75	-547.87		813.43	805.75	7.68	105.890	
600.00	599.13	581.99	581.95	3.59	3.48	81.17	602.78	-549.51		812.10	804.25	7.86	103.372	
700.00	698.32	688.21	688.14	3.73	3.56	81.98	601.57	-551.01		810.29	802.21	8.08	100.317	
800.00	797.51	784.49	784.40	3.90	3.65	82.69	599.96	-552.38		808.20	799.88	8.33	97.063	
900.00	896.70	885.23	885.13	4.08	3.75	83.46	598.70	-553.71		806.51	797.90	8.61	93.643	
1,000.00	995.89	984.54	984.42	4.29	3.86	84.22	597.28	-554.98		804.81	795.88	8.93	90.162	
1,100.00	1,095.08	1,079.12	1,078.98	4.52	3.97	84.94	596.11	-556.40		803.53	794.27	9.26	86.777	
1,200.00	1,194.27	1,174.45	1,174.29	4.76	4.09	85.66	595.32	-558.29		803.01	793.39	9.62	83.507	
1,300.00	1,293.46	1,274.19	1,274.01	5.01	4.22	86.47	595.16	-559.84		802.91	792.92	10.00	80.311	
1,393.83	1,386.53	1,367.81	1,367.63	5.25	4.35	87.25	595.04	-561.02		802.85	792.48	10.37	77.411 CC	
1,400.00	1,392.65	1,373.94	1,373.76	5.27	4.36	87.29	595.01	-561.13		802.85	792.45	10.40	77.225	
1,500.00	1,491.84	1,471.82	1,471.62	5.54	4.50	88.06	594.60	-562.88		803.00	792.19	10.81	74.304 ES	
1,600.00	1,591.03	1,566.62	1,566.41	5.82	4.65	88.83	594.72	-564.43		803.67	792.44	11.23	71.591	
1,700.00	1,690.22	1,663.88	1,663.64	6.11	4.80	89.63	595.33	-566.21		805.02	793.36	11.66	69.042	
1,800.00	1,789.41	1,762.14	1,761.90	6.26	4.96	90.47	596.28	-567.66		806.65	794.89	11.76	68.593	
1,900.00	1,888.60	1,864.54	1,864.28	6.29	5.12	91.36	597.42	-568.91		808.45	796.49	11.96	67.608	
2,000.00	1,987.79	1,963.63	1,963.36	6.34	5.29	92.23	598.26	-569.75		810.01	797.84	12.17	66.546	
2,100.00	2,086.98	2,066.96	2,066.68	6.41	5.46	93.13	599.15	-570.67		811.82	799.41	12.42	65.389	
2,200.00	2,186.17	2,168.38	2,168.11	6.50	5.64	94.05	599.72	-570.74		813.15	800.47	12.67	64.154	
2,300.00	2,285.36	2,269.53	2,269.25	6.60	5.81	94.99	600.36	-570.44		814.59	801.63	12.95	62.890	
2,400.00	2,384.54	2,374.34	2,374.06	6.72	5.99	95.93	600.37	-570.32		815.77	802.51	13.25	61.551	
2,500.00	2,483.73	2,474.97	2,474.68	6.86	6.17	96.74	599.34	-571.08		816.58	803.02	13.56	60.203	
2,600.00	2,582.92	2,570.50	2,570.20	7.01	6.35	97.50	598.46	-571.99		817.73	803.85	13.88	58.907	
2,700.00	2,682.11	2,664.84	2,664.54	7.17	6.53	98.31	598.42	-572.42		819.64	805.42	14.21	57.672	
2,800.00	2,781.30	2,762.97	2,762.66	7.35	6.71	99.10	598.58	-573.50		822.16	807.60	14.56	56.453	
2,900.00	2,880.49	2,865.63	2,865.32	7.54	6.91	99.93	598.57	-574.60		824.69	809.75	14.94	55.215	
3,000.00	2,979.68	2,963.99	2,963.68	7.73	7.09	100.75	598.45	-575.12		827.07	811.75	15.31	54.016	
3,100.00	3,078.87	3,061.85	3,061.54	7.94	7.28	101.56	598.63	-575.68		829.92	814.23	15.70	52.871	
3,200.00	3,178.06	3,163.35	3,163.02	8.16	7.48	102.33	598.45	-577.12		832.89	816.79	16.10	51.734	
3,300.00	3,277.25	3,270.55	3,270.20	8.39	7.69	103.12	597.58	-578.74		835.44	818.92	16.52	50.570	
3,400.00	3,376.44	3,376.02	3,375.65	8.62	7.90	103.87	595.64	-580.32		837.15	820.20	16.95	49.401	
3,500.00	3,475.63	3,472.44	3,472.04	8.86	8.09	104.55	593.67	-581.69		838.77	821.41	17.36	48.309	
3,600.00	3,574.82	3,575.04	3,574.62	9.11	8.29	105.30	591.92	-582.85		840.76	822.97	17.80	47.242	
3,700.00	3,674.01	3,672.86	3,672.41	9.36	8.48	106.02	589.96	-583.70		842.54	824.31	18.23	46.221	
3,800.00	3,773.20	3,767.54	3,767.07	9.62	8.67	106.70	588.42	-584.97		844.92	826.26	18.66	45.280	
3,900.00	3,872.39	3,868.43	3,867.94	9.89	8.87	107.40	587.03	-586.63		847.77	828.66	19.11	44.365	
4,000.00	3,971.58	3,972.80	3,972.28	10.16	9.08	108.12	585.12	-588.14		850.24	830.67	19.57	43.448	
4,100.00	4,070.77	4,070.26	4,069.71	10.43	9.28	108.80	583.10	-589.29		852.55	832.53	20.02	42.585	
4,200.00	4,169.95	4,163.27	4,162.71	10.71	9.47	109.50	581.85	-589.81		855.55	835.09	20.46	41.806	
4,300.00	4,269.14	4,258.55	4,257.99	10.99	9.66	110.24	581.34	-589.98		859.41	838.49	20.92	41.087	
4,400.00	4,368.33	4,355.80	4,355.24	11.28	9.85	111.01	581.13	-589.96		863.70	842.32	21.38	40.406	
4,500.00	4,467.52	4,456.12	4,455.56	11.57	10.06	111.77	580.97	-590.32		868.28	846.43	21.84	39.750	
4,600.00	4,566.71	4,565.65	4,565.08	11.86	10.28	112.58	580.12	-590.85		872.43	850.10	22.33	39.065	
4,700.00	4,665.90	4,666.97	4,666.39	12.15	10.49	113.35	578.35	-590.63		875.65	852.85	22.81	38.394	
4,800.00	4,765.09	4,772.78	4,772.17	12.45	10.70	114.24	576.61	-589.09		878.98	855.69	23.29	37.740	
4,900.00	4,864.28	4,871.01	4,870.36	12.75	10.89	115.08	574.36	-587.16		881.78	858.02	23.76	37.113	
5,000.00	4,963.47	4,964.81	4,964.12	13.05	11.08	115.88	572.70	-585.46		885.31	861.09	24.22	36.550	
5,100.00	5,062.66	5,055.54	5,054.84	13.36	11.27	116.58	571.63	-584.80		889.72	865.04	24.68	36.051	
5,200.00	5,161.85	5,146.11	5,145.41	13.66	11.45	117.23	571.46	-585.05		895.34	870.20	25.14	35.618	
5,300.00	5,261.04	5,240.06	5,239.36	13.97	11.65	117.86	572.00	-585.74		901.88	876.27	25.60	35.225	
5,400.00	5,360.23	5,338.16	5,337.45	14.28	11.85	118.48	572.86	-587.07		908.88	882.80	26.08	34.850	
5,500.00	5,459.42	5,435.90	5,435.18	14.59	12.05	119.10	573.73	-588.13		915.98	889.43	26.56	34.493	
5,600.00	5,558.61	5,530.66	5,529.93	14.91	12.24	119.72	575.06	-588.78		923.69	896.67	27.02	34.180	
5,700.00	5,657.80	5,627.93	5,627.19	15.22	12.44	120.37	576.63	-588.97		931.72	904.22	27.50	33.882	
5,800.00	5,756.99	5,720.93	5,720.16	15.53	12.63	120.95	578.55	-589.78		940.33	912.37	27.96	33.627	
5,900.00	5,856.18	5,814.39	5,813.56	15.85	12.82	121.47	581.20	-591.36		949.80	921.36	28.43	33.406	
6,000.00	5,955.36	5,920.52	5,919.63	16.17	13.05	122.01	583.84	-593.94		959.00	930.07	28.94	33.141	
6,100.00	6,054.55	6,014.11	6,013.15	16.49	13.24	122.46	586.33	-596.36		968.46	939.05	29.41	32.929	
6,200.00	6,153.74	6,116.08	6,115.05	16.81	13.45	122.93	588.97	-599.35		977.90	947.99	29.91	32.698	
6,300.00	6,252.93	6,203.51	6,202.38	17.13	13.63	123.30	591.80	-602.30		988.03	957.67	30.36	32.539	
6,400.00	6,351.34	6,308.83	6,307.60	17.48	13.85	107.42	595.45	-605.08		998.62	967.73	30.89	32.327	

Offset Design		5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,446.12	6,418.22	6,416.95	17.95	14.08	102.20	598.00	-606.54	1,009.04	977.54	31.50	32.033	
6,600.00	6,534.91	6,521.64	6,520.36	18.55	14.29	101.19	598.75	-606.69	1,020.04	987.86	32.18	31.699	
6,700.00	6,615.53	6,608.20	6,606.92	19.31	14.47	101.37	598.39	-605.71	1,033.88	1,000.96	32.92	31.406	
6,800.00	6,685.98	6,673.83	6,672.54	20.26	14.60	101.35	598.03	-604.75	1,053.06	1,019.32	33.74	31.215	
6,900.00	6,744.53	6,733.99	6,732.70	21.45	14.72	101.08	597.79	-603.97	1,079.12	1,044.44	34.67	31.121 SF	
7,000.00	6,789.75	6,783.15	6,781.85	22.91	14.82	99.95	597.33	-603.23	1,112.63	1,076.92	35.71	31.160	
7,100.00	6,820.51	6,815.69	6,814.38	24.63	14.89	97.38	596.85	-602.68	1,153.90	1,117.13	36.77	31.382	

Offset Design 5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore 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	-123.88	-376.31	-560.50	675.32				
100.00	100.00	83.55	83.55	3.28	3.28	-123.89	-376.46	-560.36	675.07	667.72	7.35	91.788	
200.00	200.00	184.78	184.78	3.30	3.29	-123.94	-376.78	-559.94	674.91	667.52	7.39	91.366	
300.00	300.00	284.03	284.03	3.34	3.32	-1.95	-376.79	-559.66	674.24	666.79	7.45	90.461	
400.00	399.93	382.13	382.13	3.40	3.36	-1.95	-376.64	-559.73	670.73	663.18	7.55	88.850	
500.00	499.68	478.74	478.74	3.48	3.41	-1.95	-376.56	-560.18	664.10	656.42	7.68	86.470	
600.00	599.13	577.94	577.93	3.59	3.47	-1.94	-376.50	-561.02	654.32	646.47	7.85	83.364	
700.00	698.32	677.24	677.22	3.73	3.54	-1.93	-376.40	-561.84	642.28	634.23	8.05	79.800	
800.00	797.51	777.36	777.34	3.90	3.63	-1.91	-376.21	-562.68	630.17	621.89	8.27	76.166	
900.00	896.70	876.42	876.40	4.08	3.73	-1.89	-375.96	-563.44	617.96	609.43	8.52	72.492	
1,000.00	995.89	975.67	975.65	4.29	3.83	-1.87	-375.74	-564.24	605.80	597.00	8.80	68.839	
1,100.00	1,095.08	1,075.94	1,075.91	4.52	3.95	-1.85	-375.43	-565.01	593.57	584.47	9.10	65.232	
1,200.00	1,194.27	1,176.17	1,176.15	4.76	4.08	-1.82	-375.02	-565.62	581.14	571.72	9.42	61.706	
1,300.00	1,293.46	1,275.20	1,275.17	5.01	4.21	-1.77	-374.40	-566.25	568.62	558.87	9.75	58.309	
1,400.00	1,392.65	1,375.10	1,375.07	5.27	4.35	-1.70	-373.64	-566.99	556.11	546.01	10.10	55.047	
1,500.00	1,491.84	1,474.19	1,474.15	5.54	4.49	-1.63	-372.83	-567.64	543.50	533.04	10.47	51.931	
1,600.00	1,591.03	1,573.85	1,573.80	5.82	4.64	-1.52	-371.69	-568.53	530.91	520.06	10.84	48.967	
1,700.00	1,690.22	1,673.55	1,673.48	6.11	4.80	-1.35	-370.14	-569.54	518.19	506.97	11.23	46.145	
1,800.00	1,789.41	1,770.96	1,770.87	6.26	4.95	-1.13	-368.37	-570.78	505.56	494.26	11.30	44.736	
1,900.00	1,888.60	1,868.12	1,867.98	6.29	5.11	-0.81	-366.15	-572.83	493.38	481.91	11.47	42.998	
2,000.00	1,987.79	1,967.15	1,966.96	6.34	5.28	-0.45	-363.86	-575.26	481.49	469.82	11.67	41.260	
2,100.00	2,086.98	2,066.79	2,066.53	6.41	5.45	-0.07	-361.59	-577.59	469.54	457.65	11.88	39.510	
2,200.00	2,186.17	2,166.61	2,166.31	6.50	5.63	0.29	-359.51	-579.69	457.51	445.40	12.12	37.762	
2,300.00	2,285.36	2,266.02	2,265.69	6.60	5.80	0.63	-357.65	-581.53	445.40	433.03	12.36	36.024	
2,400.00	2,384.54	2,365.57	2,365.21	6.72	5.98	0.99	-355.74	-583.36	433.27	420.64	12.63	34.310	
2,500.00	2,483.73	2,464.58	2,464.18	6.86	6.17	1.38	-353.77	-585.16	421.11	408.20	12.91	32.626	
2,600.00	2,582.92	2,564.34	2,563.90	7.01	6.35	1.81	-351.70	-587.07	409.00	395.80	13.20	30.981	
2,700.00	2,682.11	2,663.97	2,663.50	7.17	6.54	2.25	-349.65	-588.74	396.72	383.21	13.51	29.365	
2,800.00	2,781.30	2,763.44	2,762.93	7.35	6.73	2.71	-347.62	-590.34	384.41	370.58	13.83	27.794	
2,900.00	2,880.49	2,862.53	2,861.99	7.54	6.91	3.22	-345.46	-591.94	372.08	357.91	14.16	26.270	
3,000.00	2,979.68	2,961.39	2,960.81	7.73	7.11	3.78	-343.22	-593.68	359.85	345.35	14.51	24.805	
3,100.00	3,078.87	3,060.76	3,060.13	7.94	7.30	4.38	-341.01	-595.46	347.71	332.85	14.86	23.394	
3,200.00	3,178.06	3,161.59	3,160.92	8.16	7.49	5.04	-338.61	-597.08	335.39	320.15	15.23	22.018	
3,300.00	3,277.25	3,263.96	3,263.25	8.39	7.69	5.79	-335.71	-598.09	322.35	306.74	15.61	20.647	
3,400.00	3,376.44	3,367.18	3,366.40	8.62	7.90	6.67	-332.01	-598.09	308.17	292.17	16.00	19.259	
3,500.00	3,475.63	3,470.09	3,469.22	8.86	8.10	7.56	-328.00	-596.61	292.64	276.24	16.40	17.847	
3,600.00	3,574.82	3,570.90	3,569.92	9.11	8.29	8.35	-324.41	-593.71	276.01	259.21	16.80	16.433	
3,700.00	3,674.01	3,669.58	3,668.49	9.36	8.49	9.11	-321.19	-590.29	259.02	241.81	17.20	15.057	
3,800.00	3,773.20	3,767.74	3,766.55	9.62	8.68	9.83	-318.59	-586.75	242.17	224.56	17.61	13.748	
3,900.00	3,872.39	3,866.24	3,864.96	9.89	8.87	10.36	-317.08	-582.85	225.46	207.43	18.03	12.504	
4,000.00	3,971.58	3,963.67	3,962.31	10.16	9.06	10.97	-315.64	-579.15	208.94	190.48	18.46	11.320	
4,100.00	4,070.77	4,061.04	4,059.62	10.43	9.25	11.74	-314.27	-576.20	193.18	174.29	18.89	10.226	
4,200.00	4,169.95	4,158.68	4,157.22	10.71	9.44	12.77	-312.72	-573.93	178.05	158.72	19.34	9.209	
4,300.00	4,269.14	4,256.88	4,255.40	10.99	9.64	14.19	-310.86	-572.35	163.57	143.78	19.79	8.265	
4,400.00	4,368.33	4,355.59	4,354.08	11.28	9.84	15.98	-308.79	-571.02	149.41	129.15	20.26	7.374	
4,500.00	4,467.52	4,454.33	4,452.78	11.57	10.04	18.23	-306.56	-569.82	135.51	114.76	20.75	6.530	
4,600.00	4,566.71	4,553.55	4,551.97	11.86	10.24	21.00	-304.31	-568.63	121.87	100.61	21.26	5.733	
4,700.00	4,665.90	4,652.84	4,651.21	12.15	10.45	24.68	-301.59	-567.03	108.11	86.31	21.80	4.959	
4,800.00	4,765.09	4,751.87	4,750.18	12.45	10.65	29.48	-298.72	-565.13	94.61	72.21	22.40	4.224	
4,900.00	4,864.28	4,850.73	4,848.98	12.75	10.85	35.87	-295.76	-562.97	81.71	58.65	23.06	3.543	
5,000.00	4,963.47	4,949.39	4,947.56	13.05	11.05	44.46	-292.81	-560.71	70.09	46.26	23.82	2.942	
5,100.00	5,062.66	5,048.00	5,046.11	13.36	11.26	55.83	-290.03	-558.63	60.71	36.03	24.67	2.460	
5,200.00	5,161.85	5,146.70	5,144.76	13.66	11.46	70.01	-287.54	-556.83	54.56	29.03	25.53	2.137	
5,295.44	5,256.51	5,240.96	5,238.99	13.96	11.66	85.45	-285.23	-555.30	52.54	26.36	26.18	2.007 CC	
5,300.00	5,261.04	5,245.47	5,243.49	13.97	11.67	86.20	-285.13	-555.23	52.54	26.34	26.21	2.005 ES, SF	
5,400.00	5,360.23	5,344.22	5,342.20	14.28	11.87	102.25	-282.72	-553.66	54.95	28.37	26.58	2.067	
5,500.00	5,459.42	5,442.83	5,440.76	14.59	12.07	116.24	-279.97	-551.88	61.56	34.82	26.74	2.302	
5,600.00	5,558.61	5,541.61	5,539.47	14.91	12.28	127.05	-277.11	-550.11	71.21	44.35	26.86	2.651	
5,700.00	5,657.80	5,640.64	5,638.46	15.22	12.49	134.85	-274.38	-548.75	82.55	55.49	27.06	3.051	
5,800.00	5,756.99	5,739.79	5,737.57	15.53	12.69	140.67	-271.95	-547.58	94.67	67.35	27.32	3.465	
5,900.00	5,856.18	5,838.86	5,836.62	15.85	12.90	145.18	-269.80	-546.41	107.30	79.66	27.64	3.882	
6,000.00	5,955.36	5,937.97	5,935.69	16.17	13.11	148.84	-267.86	-545.11	120.30	92.31	27.99	4.297	
6,100.00	6,054.55	6,037.25	6,034.95	16.49	13.32	151.83	-266.19	-543.86	133.44	105.06	28.38	4.702	
6,200.00	6,153.74	6,136.35	6,134.04	16.81	13.52	154.29	-264.76	-542.68	146.63	117.85	28.78	5.095	
6,300.00	6,252.93	6,235.17	6,232.84	17.13	13.73	156.25	-263.17	-541.68	160.08	130.87	29.20	5.481	
6,400.00	6,351.34	6,333.25	6,330.90	17.48	13.94	142.20	-261.32	-540.97	176.76	147.14	29.62	5.967	

Offset Design		5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore 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	6,446.12	6,427.80	6,425.43	17.95	14.14	139.83	-259.38	-540.48	203.49	173.46	30.03	6.777	
6,600.00	6,534.91	6,516.73	6,514.33	18.55	14.33	141.36	-257.61	-540.13	242.06	211.59	30.46	7.946	
6,700.00	6,615.53	6,597.76	6,595.35	19.31	14.50	143.22	-256.05	-540.01	293.37	262.43	30.94	9.481	
6,800.00	6,685.98	6,667.47	6,665.06	20.26	14.64	143.94	-255.05	-539.75	357.20	325.77	31.43	11.366	
6,900.00	6,744.53	6,724.70	6,722.28	21.45	14.76	142.67	-254.78	-539.15	432.37	400.49	31.88	13.562	
7,000.00	6,789.75	6,768.37	6,765.94	22.91	14.85	138.06	-254.88	-538.52	516.79	484.52	32.26	16.017	
7,100.00	6,820.51	6,797.19	6,794.76	24.63	14.91	127.07	-255.08	-538.03	608.01	575.46	32.55	18.677	
7,200.00	6,836.06	6,811.24	6,808.81	26.56	14.94	103.73	-255.22	-537.78	703.44	670.70	32.74	21.487	
7,300.00	6,838.04	6,811.45	6,809.02	28.64	14.94	86.36	-255.22	-537.78	800.56	767.73	32.82	24.389	
7,400.00	6,838.13	6,809.70	6,807.27	30.86	14.94	85.80	-255.20	-537.81	898.29	865.40	32.89	27.311	
7,500.00	6,838.21	6,807.94	6,805.51	33.21	14.94	85.24	-255.18	-537.84	996.48	963.52	32.95	30.239	
7,600.00	6,838.29	6,806.17	6,803.74	35.65	14.93	84.68	-255.16	-537.87	1,094.98	1,061.97	33.01	33.170	
7,700.00	6,838.37	6,804.39	6,801.97	38.16	14.93	84.12	-255.15	-537.90	1,193.74	1,160.67	33.07	36.100	

Offset Design 5N-67W-10 Offsets Incomplete - High Pointe LLC 10G-302 - Kerr McGee Planned Well - Planned Ensig													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset		Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)						
12,300.00	6,842.11	16,733.00	7,066.79	170.30	335.01	-98.33	-1,511.66	-6,793.41	1,168.19	712.35	455.84	2.563		
12,400.00	6,842.20	16,733.00	7,066.79	173.24	335.01	-98.33	-1,511.66	-6,793.41	1,130.76	656.98	473.78	2.387		
12,500.00	6,842.28	16,733.00	7,066.79	176.18	335.01	-98.33	-1,511.66	-6,793.41	1,101.16	611.68	489.48	2.250		
12,600.00	6,842.36	16,733.00	7,066.79	179.13	335.01	-98.33	-1,511.66	-6,793.41	1,080.04	577.92	502.12	2.151		
12,700.00	6,842.44	16,733.00	7,066.79	182.07	335.01	-98.33	-1,511.66	-6,793.41	1,067.91	556.93	510.98	2.090		
12,800.00	6,842.52	16,709.54	7,066.95	185.02	334.20	-98.34	-1,511.64	-6,816.87	1,064.81	550.05	514.76	2.069	ES, SF	
12,900.00	6,842.60	16,609.54	7,067.65	187.97	330.77	-98.38	-1,511.57	-6,916.87	1,064.46	550.23	514.23	2.070		
13,000.00	6,842.68	16,509.55	7,068.35	190.91	327.33	-98.41	-1,511.51	-7,016.86	1,064.11	550.40	513.71	2.071		
13,100.00	6,842.77	16,409.55	7,069.05	193.86	323.90	-98.45	-1,511.44	-7,116.86	1,063.76	550.57	513.18	2.073		
13,200.00	6,842.85	16,309.55	7,069.75	196.81	320.47	-98.48	-1,511.38	-7,216.85	1,063.40	550.74	512.66	2.074		
13,300.00	6,842.93	16,209.55	7,070.45	199.76	317.03	-98.52	-1,511.31	-7,316.85	1,063.05	550.92	512.14	2.076		
13,400.00	6,843.01	16,109.56	7,071.14	202.71	313.60	-98.56	-1,511.24	-7,416.84	1,062.70	551.09	511.61	2.077		
13,500.00	6,843.09	16,009.56	7,071.84	205.66	310.17	-98.59	-1,511.18	-7,516.84	1,062.35	551.26	511.09	2.079		
13,600.00	6,843.17	15,909.56	7,072.54	208.61	306.73	-98.63	-1,511.11	-7,616.83	1,062.00	551.43	510.57	2.080		
13,700.00	6,843.25	15,809.57	7,073.24	211.56	303.30	-98.67	-1,511.04	-7,716.82	1,061.65	551.61	510.05	2.081		
13,800.00	6,843.33	15,709.57	7,073.94	214.51	299.87	-98.70	-1,510.98	-7,816.82	1,061.31	551.78	509.53	2.083		
13,900.00	6,843.42	15,609.57	7,074.63	217.46	296.43	-98.74	-1,510.91	-7,916.81	1,060.96	551.95	509.01	2.084		
14,000.00	6,843.50	15,509.57	7,075.33	220.41	293.00	-98.78	-1,510.84	-8,016.81	1,060.61	552.12	508.48	2.086		
14,100.00	6,843.58	15,409.58	7,076.03	223.36	289.57	-98.81	-1,510.78	-8,116.80	1,060.26	552.30	507.96	2.087		
14,200.00	6,843.66	15,309.58	7,076.73	226.31	286.14	-98.85	-1,510.71	-8,216.80	1,059.91	552.47	507.44	2.089		
14,300.00	6,843.74	15,209.58	7,077.43	229.26	282.70	-98.89	-1,510.64	-8,316.79	1,059.57	552.64	506.93	2.090		
14,400.00	6,843.82	15,109.59	7,078.12	232.21	279.27	-98.92	-1,510.58	-8,416.79	1,059.22	552.82	506.41	2.092		
14,500.00	6,843.90	15,009.59	7,078.82	235.17	275.84	-98.96	-1,510.51	-8,516.78	1,058.88	552.99	505.89	2.093		
14,600.00	6,843.99	14,909.59	7,079.52	238.12	272.41	-99.00	-1,510.45	-8,616.78	1,058.53	553.16	505.37	2.095		
14,700.00	6,844.07	14,809.60	7,080.22	241.07	268.98	-99.03	-1,510.38	-8,716.77	1,058.18	553.33	504.85	2.096		
14,800.00	6,844.15	14,709.60	7,080.92	244.02	265.55	-99.07	-1,510.31	-8,816.77	1,057.84	553.51	504.33	2.098		
14,900.00	6,844.23	14,609.60	7,081.61	246.98	262.12	-99.11	-1,510.25	-8,916.76	1,057.50	553.68	503.81	2.099		
15,000.00	6,844.31	14,509.60	7,082.31	249.93	258.69	-99.14	-1,510.18	-9,016.75	1,057.15	553.85	503.30	2.100		
15,100.00	6,844.39	14,409.61	7,083.01	252.88	255.26	-99.18	-1,510.11	-9,116.75	1,056.81	554.03	502.78	2.102		
15,200.00	6,844.47	14,309.61	7,083.71	255.84	251.83	-99.22	-1,510.05	-9,216.74	1,056.47	554.20	502.26	2.103		
15,300.00	6,844.56	14,209.61	7,084.41	258.79	248.40	-99.25	-1,509.98	-9,316.74	1,056.12	554.38	501.75	2.105		
15,400.00	6,844.64	14,109.62	7,085.11	261.75	244.97	-99.29	-1,509.91	-9,416.73	1,055.78	554.55	501.23	2.106		
15,500.00	6,844.72	14,009.62	7,085.80	264.70	241.54	-99.33	-1,509.85	-9,516.73	1,055.44	554.72	500.72	2.108		
15,600.00	6,844.80	13,909.62	7,086.50	267.66	238.11	-99.37	-1,509.78	-9,616.72	1,055.10	554.90	500.20	2.109		
15,700.00	6,844.88	13,809.62	7,087.20	270.61	234.68	-99.40	-1,509.71	-9,716.72	1,054.76	555.07	499.69	2.111		
15,800.00	6,844.96	13,709.63	7,087.90	273.56	231.26	-99.44	-1,509.65	-9,816.71	1,054.42	555.25	499.17	2.112		
15,900.00	6,845.04	13,609.63	7,088.60	276.52	227.83	-99.48	-1,509.58	-9,916.71	1,054.08	555.42	498.66	2.114		
16,000.00	6,845.13	13,509.63	7,089.29	279.48	224.40	-99.51	-1,509.51	-10,016.70	1,053.74	555.59	498.15	2.115		
16,100.00	6,845.21	13,409.64	7,089.99	282.43	220.98	-99.55	-1,509.45	-10,116.70	1,053.40	555.77	497.63	2.117		
16,200.00	6,845.29	13,309.64	7,090.69	285.39	217.55	-99.59	-1,509.38	-10,216.69	1,053.06	555.94	497.12	2.118		
16,300.00	6,845.37	13,209.64	7,091.39	288.34	214.12	-99.63	-1,509.32	-10,316.69	1,052.72	556.11	496.61	2.120		
16,400.00	6,845.45	13,109.64	7,092.09	291.30	210.70	-99.66	-1,509.25	-10,416.68	1,052.39	556.29	496.10	2.121		
16,500.00	6,845.53	13,009.65	7,092.78	294.25	207.27	-99.70	-1,509.18	-10,516.67	1,052.05	556.46	495.59	2.123		
16,600.00	6,845.61	12,909.65	7,093.48	297.21	203.85	-99.74	-1,509.12	-10,616.67	1,051.71	556.64	495.08	2.124		
16,700.00	6,845.70	12,809.65	7,094.18	300.17	200.43	-99.77	-1,509.05	-10,716.66	1,051.38	556.81	494.57	2.126		
16,800.00	6,845.78	12,709.66	7,094.88	303.12	197.00	-99.81	-1,508.98	-10,816.66	1,051.04	556.98	494.06	2.127		
16,900.00	6,845.86	12,609.66	7,095.58	306.08	193.58	-99.85	-1,508.92	-10,916.65	1,050.71	557.16	493.55	2.129		
17,000.00	6,845.94	12,509.66	7,096.27	309.03	190.16	-99.89	-1,508.85	-11,016.65	1,050.37	557.33	493.04	2.130		
17,074.59	6,846.00	12,435.08	7,096.80	311.24	187.61	-99.91	-1,508.80	-11,091.23	1,050.12	557.46	492.67	2.132	CC	

Offset Design		5N-67W-11 Offsets Need Directional Surveys - SKYWAY 18-11 - Noble Energy PR Well - Actual Strata											Offset Site Error:		0.00 usft
Survey Program:		179-SRC Energy_ISCWSA REV 2 MWD, 7897-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)				
15,200.00	6,844.47	7,037.83	6,898.61	255.84	29.67	92.15	42.98	-10,228.77	1,133.10	989.54	143.56	7.893			
15,300.00	6,844.56	7,037.78	6,898.56	258.79	29.67	92.15	42.98	-10,228.77	1,044.98	890.84	154.14	6.779			
15,400.00	6,844.64	7,037.73	6,898.51	261.75	29.67	92.14	42.98	-10,228.77	959.20	792.80	166.41	5.764			
15,500.00	6,844.72	7,037.68	6,898.46	264.70	29.67	92.13	42.98	-10,228.77	876.44	695.81	180.63	4.852			
15,600.00	6,844.80	7,037.63	6,898.41	267.66	29.67	92.13	42.99	-10,228.77	797.64	600.55	197.10	4.047			
15,700.00	6,844.88	7,037.58	6,898.36	270.61	29.67	92.12	42.99	-10,228.77	724.09	508.13	215.96	3.353			
15,800.00	6,844.96	7,037.53	6,898.31	273.56	29.67	92.12	42.99	-10,228.77	657.56	420.49	237.08	2.774			
15,900.00	6,845.04	7,037.49	6,898.27	276.52	29.67	92.11	42.99	-10,228.77	600.39	340.77	259.62	2.313			
16,000.00	6,845.13	7,037.44	6,898.22	279.48	29.67	92.11	42.99	-10,228.77	555.47	273.87	281.60	1.973			
16,100.00	6,845.21	7,037.39	6,898.17	282.43	29.67	92.10	42.99	-10,228.77	525.96	226.29	299.67	1.755			
16,200.00	6,845.29	7,037.35	6,898.13	285.39	29.67	92.10	43.00	-10,228.77	514.50	204.64	309.87	1.660			
16,209.60	6,845.30	7,037.34	6,898.12	285.67	29.67	92.10	43.00	-10,228.77	514.41	204.09	310.32	1.658	CC, ES, SF		
16,300.00	6,845.37	7,037.30	6,898.08	288.34	29.67	92.09	43.00	-10,228.77	522.29	212.54	309.75	1.686			
16,400.00	6,845.45	7,037.25	6,898.03	291.30	29.67	92.09	43.00	-10,228.77	548.52	248.49	300.03	1.828			
16,500.00	6,845.53	7,037.21	6,897.99	294.25	29.67	92.08	43.00	-10,228.77	590.72	306.85	283.87	2.081			
16,600.00	6,845.61	7,037.16	6,897.94	297.21	29.67	92.08	43.00	-10,228.77	645.78	380.89	264.89	2.438			
16,700.00	6,845.70	7,037.12	6,897.90	300.17	29.67	92.07	43.00	-10,228.77	710.71	465.01	245.70	2.893			
16,800.00	6,845.78	7,037.07	6,897.85	303.12	29.67	92.07	43.01	-10,228.77	783.06	555.32	227.74	3.438			
16,900.00	6,845.86	7,037.03	6,897.81	306.08	29.67	92.06	43.01	-10,228.77	860.97	649.37	211.60	4.069			
17,000.00	6,845.94	7,036.99	6,897.77	309.03	29.67	92.06	43.01	-10,228.77	943.05	745.68	197.37	4.778			
17,074.59	6,846.00	7,036.95	6,897.74	311.24	29.67	92.05	43.01	-10,228.77	1,006.39	818.45	187.94	5.355			

Offset Design											5N-67W-11 Offsets Need Directional Surveys - SKYWAY 22-11 - Noble Energy PR Well - Actual Strata			Offset Site Error:		0.00 usft
Survey Program:											150-SRC Energy_ISCWSA REV 2 MWD, 7438-SRC Energy_2° CONE_2.448			Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
15,300.00	6,844.56	6,998.06	6,873.09	258.79	28.87	-87.46	-1,219.00	-10,214.99	1,171.16	978.77	192.39	6.087				
15,400.00	6,844.64	6,999.83	6,874.86	261.75	28.87	-87.59	-1,219.04	-10,215.02	1,096.13	890.17	205.95	5.322				
15,500.00	6,844.72	7,001.58	6,876.61	264.70	28.87	-87.73	-1,219.08	-10,215.05	1,025.36	804.68	220.68	4.646				
15,600.00	6,844.80	7,003.31	6,878.34	267.66	28.87	-87.86	-1,219.12	-10,215.07	959.81	723.40	236.41	4.060				
15,700.00	6,844.88	7,005.03	6,880.05	270.61	28.88	-87.99	-1,219.16	-10,215.10	900.61	647.82	252.79	3.563				
15,800.00	6,844.96	7,006.72	6,881.75	273.56	28.88	-88.12	-1,219.20	-10,215.13	849.09	579.90	269.19	3.154				
15,900.00	6,845.04	7,008.40	6,883.42	276.52	28.88	-88.25	-1,219.24	-10,215.15	806.73	522.09	284.64	2.834				
16,000.00	6,845.13	7,010.06	6,885.08	279.48	28.88	-88.38	-1,219.28	-10,215.18	775.02	477.12	297.89	2.602				
16,100.00	6,845.21	7,011.70	6,886.72	282.43	28.89	-88.50	-1,219.32	-10,215.21	755.31	447.71	307.60	2.456				
16,200.00	6,845.29	7,013.33	6,888.35	285.39	28.89	-88.63	-1,219.36	-10,215.23	748.55	435.91	312.64	2.394				
16,200.84	6,845.29	7,013.34	6,888.36	285.41	28.89	-88.63	-1,219.36	-10,215.23	748.55	435.89	312.66	2.394	CC, ES, SF			
16,300.00	6,845.37	7,014.93	6,889.95	288.34	28.89	-88.75	-1,219.40	-10,215.26	755.09	442.55	312.54	2.416				
16,400.00	6,845.45	7,016.53	6,891.55	291.30	28.89	-88.87	-1,219.44	-10,215.28	774.58	467.01	307.58	2.518				
16,500.00	6,845.53	7,018.10	6,893.12	294.25	28.90	-88.99	-1,219.48	-10,215.30	806.10	507.39	298.72	2.699				
16,600.00	6,845.61	7,019.66	6,894.68	297.21	28.90	-89.11	-1,219.51	-10,215.33	848.30	561.08	287.23	2.953				
16,700.00	6,845.70	7,021.20	6,896.22	300.17	28.90	-89.23	-1,219.55	-10,215.35	899.68	625.35	274.33	3.280				
16,800.00	6,845.78	7,022.73	6,897.75	303.12	28.90	-89.35	-1,219.59	-10,215.37	958.76	697.75	261.01	3.673				
16,900.00	6,845.86	7,024.24	6,899.26	306.08	28.91	-89.46	-1,219.63	-10,215.40	1,024.22	776.28	247.94	4.131				
17,000.00	6,845.94	7,025.74	6,900.76	309.03	28.91	-89.58	-1,219.66	-10,215.42	1,094.91	859.39	235.52	4.649				
17,074.59	6,846.00	7,026.85	6,901.86	311.24	28.91	-89.66	-1,219.69	-10,215.43	1,150.46	923.66	226.81	5.072				

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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	6,844.64	7,093.16	6,892.73	261.75	36.84	90.68	705.95	-9,591.41	1,186.86	890.89	295.97	4.010		
15,500.00	6,844.72	7,091.38	6,890.95	264.70	36.84	90.59	705.96	-9,591.44	1,176.73	875.40	301.34	3.905		
15,569.78	6,844.78	7,090.12	6,889.70	266.76	36.84	90.53	705.97	-9,591.47	1,174.66	870.76	303.90	3.865 CC		
15,600.00	6,844.80	7,089.58	6,889.15	267.66	36.84	90.51	705.98	-9,591.48	1,175.05	870.35	304.70	3.856 ES, SF		
15,700.00	6,844.88	7,087.76	6,887.33	270.61	36.84	90.42	706.00	-9,591.51	1,181.86	875.88	305.98	3.863		
15,800.00	6,844.96	7,085.91	6,885.49	273.56	36.83	90.33	706.01	-9,591.55	1,197.00	891.80	305.21	3.922		

Offset Design		5N-67W-11 Offsets Need Directional Surveys - SKYWAY 5-11 - Noble Energy PR Well - No Surveys											Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
15,900.00	6,845.04	6,887.04	6,887.04	276.52	242.28	-89.70	-654.34	-11,088.54	1,185.75	896.64	289.11	4.101			
16,000.00	6,845.13	6,887.13	6,887.13	279.48	242.28	-89.72	-654.34	-11,088.54	1,087.02	794.21	292.81	3.712			
16,100.00	6,845.21	6,887.21	6,887.21	282.43	242.28	-89.75	-654.34	-11,088.54	988.53	691.20	297.33	3.325			
16,200.00	6,845.29	6,887.29	6,887.29	285.39	242.28	-89.77	-654.34	-11,088.54	890.39	587.43	302.96	2.939			
16,300.00	6,845.37	6,887.37	6,887.37	288.34	242.29	-89.80	-654.34	-11,088.54	792.71	482.62	310.09	2.556			
16,400.00	6,845.45	6,887.45	6,887.45	291.30	242.29	-89.83	-654.34	-11,088.54	695.70	376.36	319.33	2.179			
16,500.00	6,845.53	6,887.53	6,887.53	294.25	242.29	-89.85	-654.34	-11,088.54	599.66	268.02	331.64	1.808			
16,600.00	6,845.61	6,887.61	6,887.61	297.21	242.30	-89.88	-654.34	-11,088.54	505.16	156.59	348.57	1.449	Level 3		
16,700.00	6,845.70	6,887.70	6,887.70	300.17	242.30	-89.90	-654.34	-11,088.54	413.27	40.47	372.80	1.109	Level 2		
16,800.00	6,845.78	6,887.78	6,887.78	303.12	242.30	-89.93	-654.34	-11,088.54	326.17	-82.66	408.83	0.798	Level 1		
16,900.00	6,845.86	6,887.86	6,887.86	306.08	242.30	-89.96	-654.34	-11,088.54	248.96	-213.62	462.59	0.538	Level 1		
17,000.00	6,845.94	6,887.94	6,887.94	309.03	242.31	-89.98	-654.34	-11,088.54	193.86	-334.84	528.70	0.367	Level 1		
17,072.01	6,846.00	6,888.00	6,888.00	311.16	242.31	-90.00	-654.34	-11,088.54	179.99	-374.05	554.04	0.325	Level 1, CC		
17,074.59	6,846.00	6,888.00	6,888.00	311.24	242.31	-90.00	-654.34	-11,088.54	180.01	-374.12	554.13	0.325	Level 1, ES, SF		

Offset Design 5N-67W-11 Offsets Need Directional Surveys - SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene										Offset Site Error:		0.00 usft	
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,400.00	6,843.82	7,230.97	6,885.82	232.21	43.01	-89.61	-609.41	-9,579.17	1,170.98	1,113.95	57.03	20.532	
14,500.00	6,843.90	7,231.05	6,885.90	235.17	43.01	-89.65	-609.41	-9,579.17	1,071.77	1,012.38	59.39	18.047	
14,600.00	6,843.99	7,231.14	6,885.99	238.12	43.01	-89.68	-609.41	-9,579.17	972.73	910.39	62.34	15.604	
14,700.00	6,844.07	7,231.22	6,886.07	241.07	43.01	-89.71	-609.41	-9,579.17	873.90	807.80	66.10	13.221	
14,800.00	6,844.15	7,231.30	6,886.15	244.02	43.01	-89.75	-609.41	-9,579.17	775.37	704.38	70.99	10.922	
14,900.00	6,844.23	7,231.38	6,886.23	246.98	43.01	-89.78	-609.41	-9,579.17	677.28	599.76	77.52	8.737	
15,000.00	6,844.31	7,231.46	6,886.31	249.93	43.01	-89.81	-609.41	-9,579.17	579.84	493.34	86.50	6.703	
15,100.00	6,844.39	7,231.54	6,886.39	252.88	43.01	-89.85	-609.41	-9,579.17	483.44	384.07	99.37	4.865	
15,200.00	6,844.47	7,231.62	6,886.47	255.84	43.01	-89.88	-609.41	-9,579.17	388.87	270.05	118.82	3.273	
15,300.00	6,844.56	7,231.70	6,886.56	258.79	43.01	-89.91	-609.41	-9,579.17	297.86	147.72	150.15	1.984	
15,400.00	6,844.64	7,231.79	6,886.64	261.75	43.01	-89.95	-609.41	-9,579.17	215.00	11.65	203.36	1.057	Level 2
15,500.00	6,844.72	7,231.87	6,886.72	264.70	43.01	-89.98	-609.41	-9,579.17	154.05	-127.74	281.79	0.547	Level 1
15,562.48	6,844.77	7,231.92	6,886.77	266.55	43.01	-90.00	-609.41	-9,579.17	140.81	-169.30	310.11	0.454	Level 1, CC, ES, SF
15,600.00	6,844.80	7,231.95	6,886.80	267.66	43.01	-90.01	-609.41	-9,579.17	145.72	-156.28	302.00	0.483	Level 1
15,700.00	6,844.88	7,232.03	6,886.88	270.61	43.01	-90.05	-609.41	-9,579.17	196.82	-34.66	231.48	0.850	Level 1
15,800.00	6,844.96	7,232.11	6,886.96	273.56	43.01	-90.08	-609.41	-9,579.17	276.12	102.75	173.37	1.593	
15,900.00	6,845.04	7,232.19	6,887.04	276.52	43.01	-90.11	-609.41	-9,579.17	365.71	227.07	138.64	2.638	
16,000.00	6,845.13	7,232.27	6,887.13	279.48	43.01	-90.14	-609.41	-9,579.17	459.62	342.35	117.27	3.919	
16,100.00	6,845.21	7,232.36	6,887.21	282.43	43.01	-90.18	-609.41	-9,579.17	555.66	452.43	103.23	5.383	
16,200.00	6,845.29	7,232.44	6,887.29	285.39	43.01	-90.21	-609.41	-9,579.17	652.88	559.41	93.48	6.984	
16,300.00	6,845.37	7,232.52	6,887.37	288.34	43.01	-90.24	-609.41	-9,579.17	750.84	664.44	86.40	8.690	
16,400.00	6,845.45	7,232.60	6,887.45	291.30	43.01	-90.28	-609.41	-9,579.17	849.27	768.19	81.09	10.473	
16,500.00	6,845.53	7,232.68	6,887.53	294.25	43.01	-90.31	-609.41	-9,579.17	948.03	871.05	76.99	12.314	
16,600.00	6,845.61	7,232.76	6,887.61	297.21	43.01	-90.34	-609.41	-9,579.17	1,047.03	973.27	73.76	14.196	
16,700.00	6,845.70	7,232.84	6,887.70	300.17	43.01	-90.38	-609.41	-9,579.17	1,146.20	1,075.04	71.17	16.106	

Offset Design		5N-67W-11 Offsets Need Directional Surveys - Skyway Federal 31-11 - Noble Energy PR Well - Actual S										Offset Site Error:	0.00 usft
Survey Program:		185-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,500.00	6,845.53	6,994.79	6,892.76	294.25	25.93	91.04	211.84	-11,474.87	1,176.91	974.38	202.53	5.811	
16,600.00	6,845.61	6,994.99	6,892.96	297.21	25.93	91.05	211.83	-11,474.87	1,097.32	880.78	216.54	5.067	
16,700.00	6,845.70	6,995.20	6,893.18	300.17	25.93	91.07	211.83	-11,474.87	1,021.33	789.31	232.01	4.402	
16,800.00	6,845.78	6,995.42	6,893.39	303.12	25.93	91.09	211.82	-11,474.87	949.79	700.89	248.90	3.816	
16,900.00	6,845.86	6,995.63	6,893.60	306.08	25.93	91.11	211.82	-11,474.87	883.79	616.81	266.99	3.310	
17,000.00	6,845.94	6,995.85	6,893.82	309.03	25.94	91.13	211.82	-11,474.87	824.67	538.91	285.76	2.886	
17,074.59	6,846.00	6,996.01	6,893.98	311.24	25.94	91.14	211.81	-11,474.87	785.98	486.29	299.69	2.623 CC, ES, SF	

Offset Design		5N-67W-12 Offsets - BORESEN 1 - Noble Energy PR Well - No Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
5,600.00	5,558.61	5,544.61	5,544.61	14.91	194.71	20.50	-587.91	-1,720.79	1,188.40	979.96	208.44	5.701	
5,700.00	5,657.80	5,643.80	5,643.80	15.22	198.23	20.72	-587.91	-1,720.79	1,176.50	964.26	212.24	5.543	
5,800.00	5,756.99	5,742.99	5,742.99	15.53	201.74	20.94	-587.91	-1,720.79	1,164.61	948.58	216.03	5.391	
5,900.00	5,856.18	5,842.18	5,842.18	15.85	205.26	21.17	-587.91	-1,720.79	1,152.74	932.91	219.83	5.244	
6,000.00	5,955.36	5,941.36	5,941.36	16.17	208.77	21.40	-587.91	-1,720.79	1,140.89	917.26	223.63	5.102	
6,100.00	6,054.55	6,040.55	6,040.55	16.49	212.28	21.63	-587.91	-1,720.79	1,129.05	901.62	227.43	4.964	
6,200.00	6,153.74	6,139.74	6,139.74	16.81	215.80	21.87	-587.91	-1,720.79	1,117.24	886.01	231.23	4.832	
6,300.00	6,252.93	6,238.93	6,238.93	17.13	219.31	22.12	-587.91	-1,720.79	1,105.44	870.41	235.04	4.703	
6,400.00	6,351.34	6,337.34	6,337.34	17.48	222.80	6.19	-587.91	-1,720.79	1,088.61	849.79	238.82	4.558	
6,500.00	6,446.12	6,432.12	6,432.12	17.95	226.16	-0.37	-587.91	-1,720.79	1,057.07	814.56	242.51	4.359	
6,600.00	6,534.91	6,520.91	6,520.91	18.55	229.30	-3.99	-587.91	-1,720.79	1,011.32	765.34	245.99	4.111	
6,700.00	6,615.53	6,601.53	6,601.53	19.31	232.16	-7.14	-587.91	-1,720.79	952.51	703.34	249.16	3.823	
6,800.00	6,685.98	6,671.98	6,671.98	20.26	234.66	-10.93	-587.91	-1,720.79	882.11	630.17	251.94	3.501	
6,900.00	6,744.53	6,730.53	6,730.53	21.45	236.73	-16.59	-587.91	-1,720.79	801.96	547.71	254.25	3.154	
7,000.00	6,789.75	6,775.75	6,775.75	22.91	238.33	-26.42	-587.91	-1,720.79	714.17	458.15	256.02	2.789	
7,100.00	6,820.51	6,806.51	6,806.51	24.63	239.42	-45.00	-587.91	-1,720.79	621.17	363.93	257.24	2.415	
7,200.00	6,836.06	6,822.06	6,822.06	26.56	239.97	-75.00	-587.91	-1,720.79	525.68	267.75	257.93	2.038	
7,300.00	6,838.04	6,824.04	6,824.04	28.64	240.04	-89.87	-587.91	-1,720.79	430.74	172.39	258.35	1.667	
7,400.00	6,838.13	6,824.13	6,824.13	30.86	240.05	-89.90	-587.91	-1,720.79	338.71	79.31	259.40	1.306	Level 3
7,500.00	6,838.21	6,824.21	6,824.21	33.21	240.05	-89.94	-587.91	-1,720.79	252.80	-9.50	262.30	0.964	Level 1
7,600.00	6,838.29	6,824.29	6,824.29	35.65	240.05	-89.97	-587.91	-1,720.79	181.92	-87.34	269.27	0.676	Level 1
7,700.00	6,838.37	6,824.37	6,824.37	38.16	240.05	-90.00	-587.91	-1,720.79	149.27	-129.15	278.43	0.536	Level 1
7,704.07	6,838.37	6,824.37	6,824.37	38.27	240.05	-90.00	-587.91	-1,720.79	149.22	-129.43	278.65	0.536	Level 1, CC, ES, SF
7,800.00	6,838.45	6,824.45	6,824.45	40.74	240.06	-90.03	-587.91	-1,720.79	177.39	-100.71	278.10	0.638	Level 1
7,900.00	6,838.53	6,824.53	6,824.53	43.37	240.06	-90.06	-587.91	-1,720.79	246.28	-26.90	273.18	0.902	Level 1
8,000.00	6,838.61	6,824.61	6,824.61	46.04	240.06	-90.09	-587.91	-1,720.79	331.42	61.82	269.61	1.229	Level 2
8,100.00	6,838.70	6,824.70	6,824.70	48.74	240.07	-90.12	-587.91	-1,720.79	423.12	155.73	267.38	1.582	
8,200.00	6,838.78	6,824.78	6,824.78	51.48	240.07	-90.15	-587.91	-1,720.79	517.89	251.93	265.96	1.947	
8,300.00	6,838.86	6,824.86	6,824.86	54.23	240.07	-90.19	-587.91	-1,720.79	614.33	349.32	265.01	2.318	
8,400.00	6,838.94	6,824.94	6,824.94	57.01	240.07	-90.22	-587.91	-1,720.79	711.75	447.41	264.34	2.693	
8,500.00	6,839.02	6,825.02	6,825.02	59.81	240.08	-90.25	-587.91	-1,720.79	809.80	545.94	263.86	3.069	
8,600.00	6,839.10	6,825.10	6,825.10	62.62	240.08	-90.28	-587.91	-1,720.79	908.27	644.77	263.50	3.447	
8,700.00	6,839.18	6,825.18	6,825.18	65.44	240.08	-90.31	-587.91	-1,720.79	1,007.05	743.82	263.22	3.826	
8,800.00	6,839.27	6,825.27	6,825.27	68.28	240.09	-90.34	-587.91	-1,720.79	1,106.04	843.03	263.02	4.205	

Offset Design		5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys										Offset Site Error:	0.00 usft
Survey Program:		214-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
7,700.00	6,838.37	7,014.21	6,848.44	38.16	32.48	90.39	758.36	-1,744.41	1,197.37	1,138.20	59.17	20.235	
7,722.57	6,838.39	7,014.00	6,848.23	38.74	32.48	90.38	758.37	-1,744.41	1,197.16	1,137.46	59.69	20.055 CC, ES	
7,800.00	6,838.45	7,013.28	6,847.52	40.74	32.48	90.34	758.37	-1,744.42	1,199.66	1,138.18	61.48	19.514 SF	

Offset Design		5N-67W-12 Offsets - DETIENNE 17-12 - Noble Energy PR Well - Actual Strata Surveys											Offset Site Error:		0.00 usft
Survey Program:		96-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth 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			
7,400.00	6,838.13	6,950.89	6,848.25	30.86	27.69	90.74	126.42	-2,439.96	1,167.88	1,123.23	44.65	26.154			
7,500.00	6,838.21	6,951.14	6,848.50	33.21	27.69	90.76	126.42	-2,439.96	1,081.59	1,035.51	46.08	23.470			
7,600.00	6,838.29	6,951.39	6,848.76	35.65	27.69	90.79	126.41	-2,439.96	997.87	949.96	47.91	20.828			
7,700.00	6,838.37	6,951.64	6,849.01	38.16	27.69	90.81	126.41	-2,439.96	917.41	867.19	50.22	18.268			
7,800.00	6,838.45	6,951.89	6,849.26	40.74	27.69	90.84	126.40	-2,439.96	841.15	788.04	53.12	15.836			
7,900.00	6,838.53	6,952.14	6,849.51	43.37	27.69	90.86	126.40	-2,439.96	770.35	713.65	56.70	13.587			
8,000.00	6,838.61	6,952.40	6,849.76	46.04	27.69	90.89	126.40	-2,439.96	706.63	645.61	61.02	11.580			
8,100.00	6,838.70	6,952.65	6,850.01	48.74	27.69	90.91	126.39	-2,439.96	652.09	586.04	66.05	9.873			
8,200.00	6,838.78	6,952.90	6,850.27	51.48	27.69	90.94	126.39	-2,439.96	609.20	537.66	71.53	8.516			
8,300.00	6,838.86	6,953.15	6,850.52	54.23	27.69	90.96	126.38	-2,439.96	580.53	503.60	76.93	7.546			
8,400.00	6,838.94	6,953.40	6,850.77	57.01	27.69	90.99	126.38	-2,439.96	568.25	486.77	81.48	6.974			
8,420.52	6,838.96	6,953.45	6,850.82	57.58	27.69	91.00	126.38	-2,439.96	567.88	485.64	82.24	6.905	CC, ES		
8,500.00	6,839.02	6,953.65	6,851.02	59.81	27.69	91.02	126.37	-2,439.96	573.42	488.94	84.48	6.788	SF		
8,600.00	6,839.10	6,953.90	6,851.27	62.62	27.69	91.04	126.37	-2,439.96	595.57	509.92	85.65	6.954			
8,700.00	6,839.18	6,954.16	6,851.52	65.44	27.69	91.07	126.36	-2,439.96	632.93	547.72	85.20	7.428			
8,800.00	6,839.27	6,954.41	6,851.77	68.28	27.69	91.09	126.36	-2,439.96	683.00	599.36	83.64	8.166			
8,900.00	6,839.35	6,954.66	6,852.03	71.13	27.70	91.12	126.36	-2,439.96	743.23	661.75	81.48	9.122			
9,000.00	6,839.43	6,954.91	6,852.28	73.99	27.70	91.14	126.35	-2,439.96	811.35	732.26	79.09	10.259			
9,100.00	6,839.51	6,955.16	6,852.53	76.85	27.70	91.17	126.35	-2,439.96	885.54	808.83	76.71	11.544			
9,200.00	6,839.59	6,955.41	6,852.78	79.72	27.70	91.19	126.34	-2,439.96	964.40	889.93	74.47	12.950			
9,300.00	6,839.67	6,955.66	6,853.03	82.60	27.70	91.22	126.34	-2,439.96	1,046.88	974.46	72.42	14.455			
9,400.00	6,839.75	6,955.92	6,853.28	85.48	27.70	91.24	126.33	-2,439.96	1,132.19	1,061.61	70.58	16.042			

Offset Design		5N-67W-12 Offsets - DETIENNE 24-12 - Noble Energy PR Well - Actual Strata Surveys											Offset Site Error:		0.00 usft
Survey Program:		96-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference  (usft)	Offset  (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
7,500.00	6,838.21	6,944.74	6,854.13	33.21	26.30	-91.24	-1,046.13	-2,490.61	1,147.82	1,107.41	40.41	28.404			
7,600.00	6,838.29	6,945.05	6,854.45	35.65	26.30	-91.27	-1,046.12	-2,490.61	1,064.12	1,021.98	42.14	25.249			
7,700.00	6,838.37	6,945.37	6,854.77	38.16	26.30	-91.30	-1,046.11	-2,490.62	983.47	939.01	44.47	22.116			
7,800.00	6,838.45	6,945.69	6,855.08	40.74	26.30	-91.33	-1,046.10	-2,490.62	906.69	859.20	47.49	19.093			
7,900.00	6,838.53	6,946.01	6,855.41	43.37	26.30	-91.37	-1,046.09	-2,490.62	834.84	783.54	51.30	16.273			
8,000.00	6,838.61	6,946.33	6,855.73	46.04	26.30	-91.40	-1,046.09	-2,490.62	769.31	713.34	55.97	13.744			
8,100.00	6,838.70	6,946.66	6,856.05	48.74	26.30	-91.43	-1,046.08	-2,490.62	711.83	650.35	61.48	11.578			
8,200.00	6,838.78	6,946.98	6,856.38	51.48	26.30	-91.46	-1,046.07	-2,490.62	664.51	596.87	67.65	9.823			
8,300.00	6,838.86	6,947.31	6,856.71	54.23	26.30	-91.49	-1,046.06	-2,490.62	629.64	555.59	74.05	8.503			
8,400.00	6,838.94	6,947.64	6,857.04	57.01	26.30	-91.52	-1,046.05	-2,490.62	609.36	529.31	80.04	7.613			
8,475.65	6,839.00	6,947.89	6,857.29	59.13	26.30	-91.54	-1,046.04	-2,490.62	604.64	520.80	83.84	7.212 CC			
8,500.00	6,839.02	6,947.97	6,857.37	59.81	26.30	-91.55	-1,046.04	-2,490.62	605.13	520.25	84.88	7.129 ES			
8,600.00	6,839.10	6,948.31	6,857.70	62.62	26.30	-91.58	-1,046.03	-2,490.62	617.30	529.27	88.03	7.012 SF			
8,700.00	6,839.18	6,948.64	6,858.04	65.44	26.30	-91.61	-1,046.02	-2,490.62	644.92	555.53	89.39	7.214			
8,800.00	6,839.27	6,948.98	6,858.37	68.28	26.31	-91.65	-1,046.01	-2,490.63	686.14	596.89	89.26	7.687			
8,900.00	6,839.35	6,949.32	6,858.71	71.13	26.31	-91.68	-1,046.00	-2,490.63	738.69	650.61	88.08	8.387			
9,000.00	6,839.43	6,949.66	6,859.05	73.99	26.31	-91.71	-1,046.00	-2,490.63	800.33	714.03	86.30	9.273			
9,100.00	6,839.51	6,950.00	6,859.40	76.85	26.31	-91.74	-1,045.99	-2,490.63	869.14	784.88	84.26	10.315			
9,200.00	6,839.59	6,950.35	6,859.74	79.72	26.31	-91.78	-1,045.98	-2,490.63	943.54	861.38	82.16	11.484			
9,300.00	6,839.67	6,950.69	6,860.09	82.60	26.31	-91.81	-1,045.97	-2,490.63	1,022.32	942.19	80.13	12.759			
9,400.00	6,839.75	6,951.04	6,860.44	85.48	26.31	-91.84	-1,045.96	-2,490.63	1,104.54	1,026.31	78.22	14.120			
9,500.00	6,839.83	6,951.39	6,860.79	88.37	26.31	-91.88	-1,045.95	-2,490.63	1,189.48	1,113.01	76.47	15.555			

Offset Design		5N-67W-12 Offsets - SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448, 805-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
9,000.00	6,839.43	7,450.88	6,864.97	73.99	61.33	90.26	746.06	-3,092.16	1,192.04	1,081.20	110.84	10.755	
9,070.35	6,839.49	7,451.29	6,865.38	76.00	61.33	90.28	746.05	-3,092.16	1,189.97	1,076.46	113.51	10.484 CC	
9,100.00	6,839.51	7,451.47	6,865.55	76.85	61.33	90.29	746.05	-3,092.16	1,190.33	1,075.72	114.61	10.386 ES	
9,200.00	6,839.59	7,452.06	6,866.15	79.72	61.33	90.32	746.05	-3,092.16	1,197.01	1,078.76	118.25	10.123 SF	

Offset Design 5N-67W-12 Offsets - SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2° CONE_2.448, 840-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (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		
7,900.00	6,838.53	6,977.07	6,837.70	43.37	39.22	-79.84	-565.49	-3,080.83	1,170.53	1,113.38	57.15	20.480		
8,000.00	6,838.61	6,979.02	6,839.65	46.04	39.22	-80.74	-565.49	-3,080.86	1,071.14	1,013.88	57.26	18.706		
8,100.00	6,838.70	6,980.95	6,841.58	48.74	39.23	-81.63	-565.50	-3,080.89	971.87	914.45	57.42	16.926		
8,200.00	6,838.78	6,982.86	6,843.49	51.48	39.23	-82.51	-565.51	-3,080.93	872.76	815.11	57.65	15.138		
8,300.00	6,838.86	6,984.75	6,845.37	54.23	39.23	-83.39	-565.52	-3,080.96	773.88	715.86	58.02	13.339		
8,400.00	6,838.94	6,986.62	6,847.24	57.01	39.23	-84.26	-565.53	-3,080.99	675.33	616.73	58.60	11.524		
8,500.00	6,839.02	6,988.47	6,849.09	59.81	39.23	-85.12	-565.53	-3,081.02	577.26	517.70	59.56	9.691		
8,600.00	6,839.10	6,990.29	6,850.92	62.62	39.24	-85.97	-565.54	-3,081.05	479.99	418.75	61.23	7.839		
8,700.00	6,839.18	6,992.10	6,852.72	65.44	39.24	-86.82	-565.54	-3,081.08	384.11	319.85	64.25	5.978		
8,800.00	6,839.27	6,993.89	6,854.51	68.28	39.24	-87.66	-565.55	-3,081.11	291.00	220.98	70.02	4.156		
8,900.00	6,839.35	6,995.66	6,856.28	71.13	39.24	-88.50	-565.56	-3,081.14	204.50	123.01	81.49	2.509		
9,000.00	6,839.43	6,997.42	6,858.04	73.99	39.24	-89.32	-565.56	-3,081.17	137.67	36.24	101.43	1.357	Level 3	
9,064.37	6,839.48	6,998.53	6,859.15	75.83	39.24	-89.85	-565.56	-3,081.19	121.70	11.86	109.84	1.108	Level 2, CC, ES, SF	
9,100.00	6,839.51	6,999.15	6,859.77	76.85	39.24	-90.14	-565.57	-3,081.20	126.80	18.86	107.94	1.175	Level 2	
9,200.00	6,839.59	7,000.87	6,861.49	79.72	39.25	-90.94	-565.57	-3,081.23	182.21	90.29	91.91	1.982		
9,300.00	6,839.67	7,002.56	6,863.18	82.60	39.25	-91.74	-565.57	-3,081.25	265.17	184.87	80.30	3.302		
9,400.00	6,839.75	7,004.24	6,864.87	85.48	39.25	-92.53	-565.58	-3,081.28	356.96	283.09	73.87	4.832		
9,500.00	6,839.83	7,005.91	6,866.53	88.37	39.25	-93.31	-565.58	-3,081.31	452.25	382.13	70.12	6.450		
9,600.00	6,839.92	7,007.56	6,868.18	91.27	39.25	-94.09	-565.58	-3,081.33	549.20	481.44	67.76	8.105		
9,700.00	6,840.00	7,009.19	6,869.81	94.16	39.26	-94.85	-565.59	-3,081.36	647.08	580.89	66.19	9.776		
9,800.00	6,840.08	7,010.80	6,871.42	97.07	39.26	-95.60	-565.59	-3,081.38	745.52	680.43	65.10	11.453		
9,900.00	6,840.16	7,012.42	6,873.04	99.97	39.26	-96.36	-565.59	-3,081.41	844.33	780.02	64.30	13.130		
10,000.00	6,840.24	7,014.10	6,874.72	102.88	39.26	-97.14	-565.60	-3,081.44	943.38	879.66	63.72	14.805		
10,100.00	6,840.32	7,015.79	6,876.41	105.79	39.26	-97.92	-565.60	-3,081.46	1,042.61	979.33	63.28	16.477		
10,200.00	6,840.40	7,017.48	6,878.10	108.71	39.26	-98.70	-565.60	-3,081.49	1,141.97	1,079.03	62.94	18.144		

Coordinates are relative to: BOST FARM 5N-11A-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°



