

# **SRC ENERGY**

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

**Wellbore #1  
Design #1**

## **Anticollision Report**

**28 December, 2017**

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

<b>Survey Tool Program</b>	<b>Date</b> 12/27/2017				
<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	17,202.77	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	7,256.64	7,348.60	95.85	41.77	1.773	CC, ES, SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	200.00	203.00	181.15	173.58	23.931	CC
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	600.00	583.50	181.40	173.30	22.382	ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	7,600.00	7,120.81	405.53	346.23	6.839	SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	612.30	594.35	183.96	175.83	22.634	CC, ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	7,700.00	7,098.81	505.32	442.97	8.104	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	629.57	609.94	188.69	180.52	23.114	CC, ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,800.00	7,000.00	787.35	722.92	12.221	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	275.56	275.11	59.93	52.30	7.855	CC
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	17,202.77	17,305.67	655.74	31.82	1.051	Level 2, ES, SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	277.48	277.17	39.88	32.25	5.226	CC
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	17,202.77	17,337.15	444.05	-172.59	0.720	Level 1, ES, SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	200.00	79.78	72.21	10.541	CC, ES
BOST FARM 31C-11-L - Wellbore #1 - Design #1	17,202.77	17,375.56	901.05	290.35	1.475	Level 3, SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	200.00	59.75	52.18	7.894	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	17,202.77	17,180.24	670.10	46.77	1.075	Level 2, ES, SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	200.00	39.71	32.14	5.247	CC
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	17,202.77	17,259.32	444.84	-173.01	0.720	Level 1, ES, SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	200.00	159.93	152.36	21.130	CC
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	200.00	159.93	152.36	21.130	ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	300.00	297.74	160.53	152.88	20.983	SF
BOST FARM 32C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	300.00	298.17	140.47	132.82	18.360	SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12A-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 38C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 38N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 40C-8-L - Wellbore #1 - Design #1	254.95	256.41	240.72	233.11	31.629	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	400.00	390.20	243.57	235.81	31.390	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	257.20	258.53	227.78	220.17	29.922	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	400.00	390.83	230.41	222.64	29.691	SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 41C-8-L - Wellbore #1 - Design #1	266.33	268.22	184.04	176.42	24.149	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	7,518.27	7,188.92	374.34	317.61	6.598	SF

## 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 41N-8A-L - Wellbore #1 - Design #1	266.12	267.95	196.81	189.19	25.825	CC, ES
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	6,895.57	7,506.53	711.93	659.53	13.587	SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	270.24	271.86	189.44	181.81	24.846	CC, ES
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	7,500.00	7,119.57	604.07	548.83	10.936	SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	7,382.33	7,264.98	132.44	77.52	2.412	CC, ES, SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	282.87	282.71	19.84	12.21	2.599	CC
BOST FARM 4C-11-L - Wellbore #1 - Design #1	17,202.77	17,406.03	323.19	-63.00	0.837	Level 1, ES, SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	200.00	20.03	12.46	2.647	CC
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	17,202.77	17,374.35	320.47	-131.53	0.709	Level 1, ES, SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	200.00	119.85	112.28	15.836	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	300.00	298.59	120.40	112.74	15.736	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	200.00	99.83	92.26	13.190	CC, ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	17,202.77	17,070.54	1,104.89	484.15	1.780	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	258.70	260.89	216.18	208.57	28.392	CC, ES
BOST FARM 8C-8-L - Wellbore #1 - Design #1	500.00	485.18	222.62	214.71	28.152	SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	262.10	264.12	205.63	198.01	26.995	CC, ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	7,800.00	6,965.53	986.37	925.42	16.183	SF
BOST FARM 9C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8C-L - Wellbore #1 - Design #1						Out of range
5N-66W-07 Offsets						
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-13 - SRC Energy SI Well - No Surveys						Out of range
ARIEL J 7-14 - Noble Energy SI Well - Actual VES Surve						Out of range
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	1,740.47	1,737.46	1,012.00	1,000.21	85.836	CC, ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	6,500.00	6,436.46	1,171.97	1,140.73	37.514	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	2,509.89	2,585.36	975.77	962.15	71.639	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	3,800.00	3,725.30	1,155.82	1,137.11	61.758	SF
SAMUEL J 7-10 - SRC Energy SI Well - Actual VES Surv						Out of range
SAMUEL J 7-15 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-16 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-23 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-9 - Noble Energy SI Well - Actual VES Surv						Out of range
STEPHENS 7-11 - SRC Energy PR Well - Actual VES Su						Out of range
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su						Out of range
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	6,406.91	6,343.40	54.05	22.49	1.713	CC, ES, SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	3,752.23	3,734.13	709.92	691.45	38.449	CC
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	3,800.00	3,777.29	710.09	691.42	38.038	ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	6,700.00	6,632.32	842.52	809.93	25.851	SF
5N-66W-08 Offsets Need HZ						
DRAKE 8-1 - St. James AB Well - No Surveys						Out of range
DRAKE 8-13H6 - SRC Energy PR Well - Actual VES Sur						Out of range
DRAKE 8-15H6 - Noble Energy PR Well - No Surveys						Out of range
DRAKE 8-2 - St. James AB Well - No Surveys						Out of range
MOEN 8-7H6 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve						Out of range
MOEN J 8-8 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-9 - SRC Energy SI Well - No Surveys						Out of range
WHITE 8-1 - Extraction PR Well - No Surveys						Out of range
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv						Out of range
WIEDEMAN 8-11H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-12H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S						Out of range
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES						Out of range
5N-66W-09 Offsets Incomplete						
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range
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

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-67W-01 Offsets Incomplete							
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann	11,903.71	11,897.00	1,199.39	895.57	3.948	CC, ES, SF	
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann	11,940.92	11,963.30	775.89	485.91	2.676	CC, ES, SF	
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range	
5N-67W-02 Offsets Incomplete							
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys						Out of range	
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys						Out of range	
5N-67W-10 Offsets Incomplete							
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P						Out of range	
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P						Out of range	
5N-67W-11 Offsets Need Directional Surveys							
ARTIST 11-12 - SRC Energy SI Well - No Surveys	14,174.37	7,016.62	249.17	-220.41	0.531	Level 1, CC, ES, SF	
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S	16,337.82	7,102.30	582.89	272.01	1.875	CC, ES, SF	
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S						Out of range	
SKYWAY 3-11 Approximation - Noble Energy PR Well - *	15,700.97	7,185.30	84.01	-220.55	0.276	Level 1, CC, ES, SF	
SKYWAY 4-11 - Noble Energy PR Well - No Surveys	17,064.26	6,970.21	275.76	-277.62	0.498	Level 1, CC, ES, SF	
SKYWAY 5-11 - Noble Energy PR Well - No Surveys						Out of range	
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene						Out of range	
Skyway Federal 31-11 - Noble Energy PR Well - Actual S	17,202.77	7,077.35	565.17	312.02	2.233	CC, ES, SF	
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys	13,402.39	7,000.80	388.62	-57.62	0.871	Level 1, CC, ES, SF	
UPRR 49 PAN AM B 1 - SRC Energy PR Well - No Surve						Out of range	
5N-67W-12 Offsets							
BORESEN 1 - Noble Energy PR Well - No Surveys	7,828.04	6,948.31	1,185.28	901.96	4.184	CC, ES	
BORESEN 1 - Noble Energy PR Well - No Surveys	7,900.00	6,948.20	1,187.47	902.58	4.168	SF	
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	7,854.48	7,131.21	160.10	99.69	2.650	CC, ES, SF	
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	8,549.55	7,057.60	475.07	392.24	5.736	CC, ES, SF	
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata						Out of range	
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energ						Out of range	
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energ						Out of range	
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energ						Out of range	
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energ						Out of range	
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energ	9,203.95	7,566.86	143.90	29.69	1.260	Level 3, CC, ES, SF	
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energ	9,190.51	7,120.90	1,167.10	1,056.79	10.580	CC	
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energ	9,200.00	7,121.04	1,167.14	1,056.63	10.561	ES	
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energ	9,400.00	7,123.86	1,185.75	1,072.09	10.432	SF	
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energ						Out of range	
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range	

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	3.00	3.28	3.28	-89.53	1.46	-179.87	179.88					
100.00	100.00	103.00	103.00	3.28	3.28	-89.53	1.46	-179.87	179.88	172.35	7.53	23.896		
200.00	200.00	203.00	203.00	3.30	3.30	-89.53	1.46	-179.87	179.88	172.31	7.57	23.763		
300.00	300.00	300.05	300.05	3.35	3.34	-34.96	1.62	-180.28	179.95	172.30	7.65	23.515		
400.00	399.93	394.48	394.41	3.41	3.40	-35.21	2.74	-183.28	180.28	172.51	7.77	23.210		
500.00	499.68	488.89	488.62	3.50	3.49	-35.70	4.96	-189.19	180.86	172.94	7.92	22.844		
600.00	599.13	583.29	582.54	3.61	3.59	-36.45	8.28	-198.00	181.70	173.59	8.10	22.425		
700.00	698.30	677.67	676.08	3.75	3.72	-37.26	12.67	-209.70	183.67	175.35	8.33	22.061		
800.00	797.45	771.90	769.01	3.92	3.88	-37.70	18.14	-224.25	188.64	180.05	8.59	21.968		
900.00	896.61	865.78	861.04	4.10	4.08	-37.75	24.66	-241.58	196.63	187.74	8.88	22.134		
1,000.00	995.76	959.11	951.89	4.31	4.32	-37.47	32.18	-261.60	207.61	198.40	9.21	22.535		
1,100.00	1,094.92	1,055.22	1,044.79	4.53	4.61	-36.93	40.85	-284.67	221.15	211.55	9.60	23.040		
1,200.00	1,194.08	1,154.23	1,140.40	4.76	4.95	-36.41	49.90	-308.73	235.04	225.00	10.04	23.409		
1,300.00	1,293.23	1,253.24	1,236.02	5.01	5.31	-35.95	58.94	-332.80	248.94	238.43	10.51	23.689		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
1,400.00	1,392.39	1,352.25	1,331.63	5.26	5.70	-35.54	67.99	-356.86	262.86	251.86	11.00	23.888	
1,500.00	1,491.54	1,451.26	1,427.24	5.53	6.10	-35.17	77.04	-380.93	276.79	265.29	11.51	24.058	
1,600.00	1,590.70	1,550.27	1,522.86	5.80	6.52	-34.83	86.08	-404.99	290.73	278.70	12.03	24.162	
1,700.00	1,689.86	1,649.28	1,618.47	6.08	6.95	-34.53	95.13	-429.06	304.68	292.11	12.57	24.233	
1,800.00	1,789.01	1,748.29	1,714.09	6.23	7.29	-34.25	104.17	-453.12	318.64	305.92	12.72	25.053	
1,900.00	1,888.17	1,847.30	1,809.70	6.26	7.46	-33.99	113.22	-477.19	332.60	319.94	12.66	26.272	
2,000.00	1,987.32	1,946.31	1,905.31	6.31	7.55	-33.76	122.26	-501.25	346.57	333.84	12.73	27.226	
2,100.00	2,086.48	2,045.32	2,000.93	6.38	7.67	-33.54	131.31	-525.32	360.55	347.71	12.84	28.091	
2,200.00	2,185.63	2,144.33	2,096.54	6.46	7.82	-33.34	140.36	-549.38	374.53	361.55	12.98	28.863	
2,300.00	2,284.79	2,243.34	2,192.16	6.56	8.00	-33.16	149.40	-573.45	388.51	375.36	13.15	29.542	
2,400.00	2,383.95	2,342.35	2,287.77	6.68	8.21	-32.99	158.45	-597.51	402.50	389.14	13.36	30.131	
2,500.00	2,483.10	2,441.36	2,383.38	6.81	8.45	-32.82	167.49	-621.58	416.49	402.89	13.60	30.632	
2,600.00	2,582.26	2,540.37	2,479.00	6.95	8.71	-32.67	176.54	-645.64	430.48	416.62	13.86	31.051	
2,700.00	2,681.41	2,639.38	2,574.61	7.11	8.98	-32.53	185.58	-669.71	444.48	430.32	14.16	31.394	
2,800.00	2,780.57	2,738.39	2,670.22	7.28	9.28	-32.40	194.63	-693.77	458.48	444.00	14.48	31.668	
2,900.00	2,879.73	2,837.40	2,765.84	7.46	9.60	-32.27	203.68	-717.84	472.48	457.66	14.82	31.878	
3,000.00	2,978.88	2,936.41	2,861.45	7.65	9.93	-32.16	212.72	-741.90	486.48	471.30	15.19	32.032	
3,100.00	3,078.04	3,035.42	2,957.07	7.85	10.27	-32.05	221.77	-765.97	500.49	484.92	15.57	32.138	
3,200.00	3,177.19	3,134.43	3,052.68	8.06	10.63	-31.94	230.81	-790.03	514.50	498.52	15.98	32.200	
3,300.00	3,276.35	3,233.44	3,148.29	8.28	11.00	-31.84	239.86	-814.10	528.51	512.11	16.40	32.225	
3,400.00	3,375.50	3,332.45	3,243.91	8.51	11.38	-31.75	248.90	-838.16	542.52	525.68	16.84	32.219	
3,500.00	3,474.66	3,431.46	3,339.52	8.74	11.77	-31.66	257.95	-862.23	556.53	539.24	17.29	32.185	
3,600.00	3,573.82	3,530.47	3,435.13	8.98	12.17	-31.57	267.00	-886.29	570.54	552.78	17.76	32.129	
3,700.00	3,672.97	3,629.48	3,530.75	9.23	12.57	-31.49	276.04	-910.36	584.55	566.32	18.24	32.054	
3,800.00	3,772.13	3,728.49	3,626.36	9.48	12.99	-31.41	285.09	-934.42	598.57	579.84	18.73	31.963	
3,900.00	3,871.28	3,827.50	3,721.98	9.74	13.41	-31.34	294.13	-958.49	612.59	593.36	19.23	31.859	
4,000.00	3,970.44	3,926.51	3,817.59	10.00	13.83	-31.27	303.18	-982.55	626.60	606.86	19.74	31.745	
4,100.00	4,069.60	4,025.52	3,913.20	10.27	14.26	-31.20	312.22	-1,006.62	640.62	620.36	20.26	31.623	
4,200.00	4,168.75	4,124.53	4,008.82	10.54	14.70	-31.14	321.27	-1,030.69	654.64	633.85	20.79	31.495	
4,300.00	4,267.91	4,223.54	4,104.43	10.81	15.14	-31.08	330.31	-1,054.75	668.66	647.34	21.32	31.362	
4,400.00	4,367.06	4,322.55	4,200.04	11.09	15.58	-31.02	339.36	-1,078.82	682.68	660.82	21.86	31.225	
4,500.00	4,466.22	4,421.56	4,295.66	11.37	16.03	-30.96	348.41	-1,102.88	696.70	674.29	22.41	31.086	
4,600.00	4,565.37	4,520.57	4,391.27	11.65	16.48	-30.91	357.45	-1,126.95	710.72	687.75	22.97	30.945	
4,700.00	4,664.53	4,619.58	4,486.89	11.94	16.93	-30.85	366.50	-1,151.01	724.74	701.22	23.53	30.804	
4,800.00	4,763.69	4,718.59	4,582.50	12.23	17.39	-30.80	375.54	-1,175.08	738.77	714.67	24.09	30.662	
4,900.00	4,862.84	4,817.60	4,678.11	12.52	17.85	-30.76	384.59	-1,199.14	752.79	728.13	24.66	30.521	
5,000.00	4,962.00	4,916.61	4,773.73	12.81	18.31	-30.71	393.63	-1,223.21	766.81	741.58	25.24	30.381	
5,100.00	5,061.15	5,015.62	4,869.34	13.11	18.77	-30.66	402.68	-1,247.27	780.84	755.02	25.82	30.243	
5,200.00	5,160.31	5,114.63	4,964.95	13.40	19.24	-30.62	411.73	-1,271.34	794.86	768.46	26.40	30.106	
5,300.00	5,259.47	5,213.64	5,060.57	13.70	19.70	-30.58	420.77	-1,295.40	808.89	781.90	26.99	29.971	
5,400.00	5,358.62	5,312.65	5,156.18	14.00	20.17	-30.54	429.82	-1,319.47	822.91	795.34	27.58	29.838	
5,500.00	5,457.78	5,411.66	5,251.80	14.31	20.65	-30.50	438.86	-1,343.53	836.94	808.77	28.17	29.707	
5,600.00	5,556.93	5,510.67	5,347.41	14.61	21.12	-30.46	447.91	-1,367.60	850.97	822.20	28.77	29.579	
5,700.00	5,656.09	5,609.68	5,443.02	14.92	21.59	-30.42	456.95	-1,391.66	864.99	835.63	29.37	29.453	
5,800.00	5,755.24	5,708.69	5,538.64	15.22	22.07	-30.39	466.00	-1,415.73	879.02	849.05	29.97	29.329	
5,900.00	5,854.40	5,807.70	5,634.25	15.53	22.55	-30.35	475.05	-1,439.79	893.05	862.47	30.58	29.208	
6,000.00	5,953.56	5,906.70	5,729.87	15.84	23.02	-30.32	484.09	-1,463.86	907.08	875.89	31.18	29.089	
6,100.00	6,052.71	6,005.71	5,825.48	16.15	23.50	-30.29	493.14	-1,487.92	921.10	889.31	31.79	28.973	
6,200.00	6,151.87	7,872.47	6,983.78	16.46	37.37	92.90	586.47	-625.82	843.18	813.74	29.44	28.641	
6,300.00	6,251.02	7,864.02	6,983.59	16.78	37.20	89.45	586.57	-634.27	744.20	714.42	29.78	24.987	
6,400.00	6,350.18	7,855.58	6,983.41	17.09	37.03	85.70	586.67	-642.71	645.43	615.24	30.19	21.376	
6,500.00	6,449.03	7,844.82	6,983.17	17.41	36.81	113.77	586.80	-653.46	547.24	516.54	30.70	17.826	
6,600.00	6,545.03	7,820.25	6,982.62	17.84	36.31	135.03	587.10	-678.02	452.10	420.81	31.29	14.450	
6,700.00	6,635.69	7,780.84	6,981.74	18.41	35.53	141.98	587.57	-717.43	362.77	330.68	32.10	11.302	
6,800.00	6,718.78	7,727.55	6,980.55	19.14	34.52	143.08	588.22	-770.70	282.01	248.60	33.41	8.441	
6,900.00	6,792.26	7,661.70	6,979.09	20.06	33.33	140.10	589.01	-836.52	212.76	177.01	35.75	5.951	
7,000.00	6,854.31	7,584.91	6,977.38	21.22	32.02	132.95	589.93	-913.29	158.25	118.41	39.84	3.972	
7,100.00	6,903.40	7,495.73	6,974.80	22.66	30.66	120.50	590.96	-1,002.43	121.31	75.74	45.57	2.662	
7,200.00	6,938.33	7,399.85	6,961.40	24.35	29.35	100.08	591.07	-1,097.27	99.48	47.54	51.94	1.915	
7,256.64	6,951.49	7,348.60	6,948.46	25.44	28.73	86.33	590.59	-1,146.84	95.85	41.77	54.08	1.773 CC, ES, SF	
7,300.00	6,958.23	7,310.62	6,936.33	26.27	28.32	75.77	589.99	-1,182.82	97.92	43.91	54.01	1.813	
7,400.00	6,962.97	7,226.69	6,902.10	28.34	27.53	55.15	587.96	-1,259.36	115.88	65.76	50.12	2.312	
7,500.00	6,962.81	7,151.56	6,863.20	30.55	26.97	40.90	585.32	-1,323.52	151.09	106.31	44.77	3.375	
7,600.00	6,962.66	7,086.91	6,823.89	32.87	26.61	31.20	582.46	-1,374.74	201.76	160.99	40.78	4.948	
7,700.00	6,962.51	7,031.77	6,786.43	35.30	26.37	24.83	579.62	-1,415.08	263.56	225.06	38.50	6.845	
7,800.00	6,962.35	6,984.84	6,751.91	37.80	26.22	20.56	576.92	-1,446.74	333.23	295.89	37.34	8.925	

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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
7,900.00	6,962.20	6,950.00	6,724.83	40.36	26.12	17.94	574.76	-1,468.55	408.69	371.78	36.91	11.073	
8,000.00	6,962.05	6,910.58	6,692.81	42.98	26.04	15.43	572.17	-1,491.40	488.34	451.80	36.54	13.366	
8,100.00	6,961.90	6,881.07	6,667.96	45.64	25.98	13.82	570.13	-1,507.18	571.34	534.87	36.46	15.668	
8,200.00	6,961.74	6,850.00	6,641.04	48.33	25.94	12.33	567.89	-1,522.52	656.96	620.56	36.40	18.049	
8,300.00	6,961.59	6,833.18	6,626.17	51.05	25.92	11.60	566.65	-1,530.27	744.54	708.00	36.54	20.375	
8,400.00	6,961.44	6,813.60	6,608.60	53.80	25.89	10.81	565.17	-1,538.79	833.82	797.19	36.63	22.765	
8,500.00	6,961.29	6,800.00	6,596.25	56.58	25.88	10.30	564.12	-1,544.39	924.47	887.71	36.76	25.147	
8,600.00	6,961.13	6,780.91	6,578.73	59.37	25.86	9.62	562.63	-1,551.80	1,016.20	979.38	36.82	27.596	
8,700.00	6,960.98	6,767.18	6,565.98	62.17	25.85	9.17	561.54	-1,556.80	1,108.89	1,071.96	36.93	30.029	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	3.00	3.28	3.28	-83.19	21.49	-179.87	181.15				
100.00	100.00	103.00	103.00	3.28	3.28	-83.19	21.49	-179.87	181.15	173.62	7.53	24.065	
200.00	200.00	203.00	203.00	3.30	3.30	-83.19	21.49	-179.87	181.15	173.58	7.57	23.931	CC
300.00	300.00	300.07	300.07	3.35	3.35	-28.60	21.71	-180.25	181.20	173.54	7.65	23.676	
400.00	399.93	394.54	394.48	3.41	3.41	-28.71	23.27	-183.06	181.27	173.50	7.77	23.334	
500.00	499.68	489.02	488.74	3.50	3.49	-28.95	26.34	-188.58	181.34	173.42	7.92	22.899	
600.00	599.13	583.50	582.74	3.61	3.59	-29.31	30.92	-196.81	181.40	173.30	8.10	22.382	ES
700.00	698.30	677.98	676.39	3.75	3.72	-29.64	37.01	-207.75	182.38	174.05	8.33	21.902	
800.00	797.45	772.33	769.44	3.92	3.88	-29.60	44.59	-221.36	186.30	177.71	8.59	21.698	
900.00	896.61	866.36	861.61	4.10	4.08	-29.19	53.62	-237.58	193.24	184.37	8.88	21.766	
1,000.00	995.76	959.85	952.61	4.31	4.32	-28.48	64.05	-256.32	203.21	194.01	9.20	22.083	
1,100.00	1,094.92	1,053.17	1,042.69	4.53	4.60	-27.54	75.89	-277.59	216.21	206.65	9.56	22.624	
1,200.00	1,194.08	1,152.06	1,137.80	4.76	4.94	-26.53	89.06	-301.27	230.53	220.54	9.99	23.066	
1,300.00	1,293.23	1,250.95	1,232.91	5.01	5.32	-25.65	102.24	-324.94	244.91	234.46	10.46	23.419	
1,400.00	1,392.39	1,349.85	1,328.02	5.26	5.72	-24.86	115.42	-348.61	259.35	248.40	10.95	23.690	
1,500.00	1,491.54	1,448.74	1,423.13	5.53	6.13	-24.15	128.59	-372.28	273.82	262.38	11.44	23.932	
1,600.00	1,590.70	1,547.63	1,518.24	5.80	6.57	-23.51	141.77	-395.96	288.34	276.37	11.96	24.099	
1,700.00	1,689.86	1,646.53	1,613.35	6.08	7.01	-22.94	154.94	-419.63	302.88	290.38	12.50	24.232	
1,800.00	1,789.01	1,745.42	1,708.46	6.23	7.37	-22.42	168.12	-443.30	317.46	304.81	12.64	25.108	
1,900.00	1,888.17	1,844.31	1,803.57	6.26	7.55	-21.94	181.30	-466.98	332.05	319.47	12.58	26.388	
2,000.00	1,987.32	1,943.21	1,898.68	6.31	7.65	-21.50	194.47	-490.65	346.67	334.02	12.65	27.413	
2,100.00	2,086.48	2,042.10	1,993.79	6.38	7.77	-21.10	207.65	-514.32	361.30	348.56	12.74	28.349	
2,200.00	2,185.63	2,140.99	2,088.90	6.46	7.94	-20.73	220.83	-537.99	375.95	363.07	12.88	29.191	
2,300.00	2,284.79	2,239.88	2,184.01	6.56	8.13	-20.39	234.00	-561.67	390.62	377.57	13.05	29.939	
2,400.00	2,383.95	2,338.78	2,279.11	6.68	8.35	-20.07	247.18	-585.34	405.29	392.05	13.25	30.594	
2,500.00	2,483.10	2,437.67	2,374.22	6.81	8.60	-19.78	260.36	-609.01	419.98	406.50	13.48	31.159	
2,600.00	2,582.26	2,536.56	2,469.33	6.95	8.87	-19.50	273.53	-632.68	434.68	420.94	13.74	31.638	
2,700.00	2,681.41	2,635.46	2,564.44	7.11	9.16	-19.25	286.71	-656.36	449.39	435.36	14.03	32.038	
2,800.00	2,780.57	2,734.35	2,659.55	7.28	9.48	-19.00	299.88	-680.03	464.11	449.77	14.34	32.365	
2,900.00	2,879.73	2,833.24	2,754.66	7.46	9.81	-18.78	313.06	-703.70	478.83	464.15	14.68	32.625	
3,000.00	2,978.88	2,932.14	2,849.77	7.65	10.15	-18.57	326.24	-727.37	493.56	478.52	15.04	32.825	
3,100.00	3,078.04	3,031.03	2,944.88	7.85	10.52	-18.37	339.41	-751.05	508.30	492.88	15.42	32.973	
3,200.00	3,177.19	3,129.92	3,039.99	8.06	10.89	-18.18	352.59	-774.72	523.04	507.23	15.81	33.074	
3,300.00	3,276.35	3,228.81	3,135.10	8.28	11.28	-18.00	365.77	-798.39	537.79	521.56	16.23	33.136	
3,400.00	3,375.50	3,327.71	3,230.21	8.51	11.68	-17.83	378.94	-822.07	552.54	535.88	16.66	33.162	
3,500.00	3,474.66	3,426.60	3,325.32	8.74	12.08	-17.67	392.12	-845.74	567.30	550.19	17.11	33.159	
3,600.00	3,573.82	3,525.49	3,420.43	8.98	12.50	-17.52	405.29	-869.41	582.06	564.49	17.57	33.130	
3,700.00	3,672.97	3,624.39	3,515.54	9.23	12.93	-17.37	418.47	-893.08	596.82	578.78	18.04	33.080	
3,800.00	3,772.13	3,723.28	3,610.65	9.48	13.36	-17.23	431.65	-916.76	611.59	593.07	18.53	33.013	
3,900.00	3,871.28	3,822.17	3,705.76	9.74	13.79	-17.10	444.82	-940.43	626.37	607.34	19.02	32.930	
4,000.00	3,970.44	3,921.07	3,800.87	10.00	14.24	-16.98	458.00	-964.10	641.14	621.61	19.53	32.835	
4,100.00	4,069.60	4,019.96	3,895.98	10.27	14.69	-16.86	471.18	-987.77	655.92	635.88	20.04	32.731	
4,200.00	4,168.75	4,118.85	3,991.09	10.54	15.14	-16.74	484.35	-1,011.45	670.70	650.14	20.56	32.619	
4,300.00	4,267.91	4,217.74	4,086.19	10.81	15.60	-16.63	497.53	-1,035.12	685.48	664.39	21.09	32.500	
4,400.00	4,367.06	4,316.64	4,181.30	11.09	16.06	-16.53	510.70	-1,058.79	700.27	678.64	21.63	32.377	
4,500.00	4,466.22	4,415.53	4,276.41	11.37	16.52	-16.43	523.88	-1,082.47	715.05	692.88	22.17	32.250	
4,600.00	4,565.37	4,514.42	4,371.52	11.65	16.99	-16.33	537.06	-1,106.14	729.84	707.12	22.72	32.121	
4,700.00	4,664.53	4,613.32	4,466.63	11.94	17.47	-16.24	550.23	-1,129.81	744.64	721.36	23.28	31.990	
4,800.00	4,763.69	4,712.21	4,561.74	12.23	17.94	-16.15	563.41	-1,153.48	759.43	735.59	23.84	31.859	
4,900.00	4,862.84	4,811.10	4,656.85	12.52	18.42	-16.07	576.59	-1,177.16	774.22	749.82	24.40	31.727	
5,000.00	4,962.00	4,910.00	4,751.96	12.81	18.90	-15.98	589.76	-1,200.83	789.02	764.05	24.97	31.595	
5,100.00	5,061.15	5,008.89	4,847.07	13.11	19.38	-15.91	602.94	-1,224.50	803.82	778.27	25.55	31.464	
5,200.00	5,160.31	5,107.78	4,942.18	13.40	19.87	-15.83	616.11	-1,248.17	818.62	792.49	26.13	31.334	
5,300.00	5,259.47	5,206.67	5,037.29	13.70	20.35	-15.76	629.29	-1,271.85	833.42	806.71	26.71	31.206	
5,400.00	5,358.62	5,305.57	5,132.40	14.00	20.84	-15.68	642.47	-1,295.52	848.22	820.93	27.29	31.079	
5,500.00	5,457.78	5,404.46	5,227.51	14.31	21.33	-15.62	655.64	-1,319.19	863.03	835.14	27.88	30.954	
5,600.00	5,556.93	5,503.35	5,322.62	14.61	21.82	-15.55	668.82	-1,342.87	877.83	849.36	28.47	30.830	
5,700.00	5,656.09	5,602.25	5,417.73	14.92	22.32	-15.49	682.00	-1,366.54	892.64	863.57	29.07	30.709	
5,800.00	5,755.24	5,701.14	5,512.84	15.22	22.81	-15.42	695.17	-1,390.21	907.44	877.78	29.66	30.590	
5,900.00	5,854.40	5,800.03	5,607.95	15.53	23.31	-15.36	708.35	-1,413.88	922.25	891.99	30.26	30.473	
6,000.00	5,953.56	5,901.07	5,703.06	15.84	23.81	-15.30	721.53	-1,437.56	937.06	906.19	30.87	30.351	
6,100.00	6,052.71	6,002.18	5,798.17	16.15	24.32	-15.25	734.70	-1,461.23	951.87	920.38	31.49	30.232	
6,200.00	6,151.87	6,103.29	5,893.28	16.46	24.83	-15.19	747.88	-1,484.90	966.68	934.58	32.10	30.115	
6,300.00	6,251.02	7,963.68	7,058.37	16.78	37.64	64.09	909.01	-638.73	931.07	895.29	35.78	26.023	
6,400.00	6,350.18	7,955.31	7,058.19	17.09	37.48	62.95	908.99	-647.10	842.54	805.35	37.18	22.659	
6,500.00	6,449.03	7,944.63	7,057.96	17.41	37.27	82.97	908.96	-657.77	756.99	718.11	38.88	19.472	

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	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning											
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)												
6,600.00	6,545.03	7,920.14	7,057.42	17.84	36.79	100.48	908.89	-682.26	677.24	636.48	40.76	16.615											
6,700.00	6,635.69	7,880.79	7,056.55	18.41	36.04	108.21	908.78	-721.60	606.19	563.38	42.81	14.161											
6,800.00	6,718.78	7,827.57	7,055.39	19.14	35.08	111.12	908.63	-774.81	546.24	501.29	44.95	12.153											
6,900.00	6,792.26	7,761.77	7,053.94	20.06	33.96	111.07	908.45	-840.59	498.88	451.82	47.06	10.601											
7,000.00	6,854.31	7,685.03	7,052.26	21.22	32.74	109.16	908.23	-917.31	464.32	415.33	48.99	9.477											
7,100.00	6,903.40	7,586.21	7,048.75	22.66	31.36	105.46	907.77	-1,016.04	440.90	390.62	50.29	8.768											
7,200.00	6,938.33	7,468.22	7,027.84	24.35	29.97	99.61	904.90	-1,131.97	422.01	370.70	51.31	8.225											
7,300.00	6,958.23	7,363.35	6,991.75	26.27	29.00	93.51	899.93	-1,230.18	407.47	354.39	53.08	7.677											
7,400.00	6,962.97	7,268.48	6,945.75	28.34	28.36	87.09	893.58	-1,312.81	398.50	343.27	55.23	7.215											
7,473.04	6,962.85	7,207.69	6,910.08	29.95	28.06	81.91	888.65	-1,361.76	396.13	339.20	56.93	6.959											
7,500.00	6,962.81	7,187.35	6,897.13	30.55	27.97	80.02	886.86	-1,377.34	396.51	339.00	57.51	6.894											
7,600.00	6,962.66	7,120.81	6,851.45	32.87	27.75	73.42	880.55	-1,425.26	405.53	346.23	59.30	6.839 SF											
7,700.00	6,962.51	7,066.38	6,810.55	35.30	27.61	67.69	874.89	-1,460.71	428.26	368.18	60.08	7.128											
7,800.00	6,962.35	7,021.62	6,774.78	37.80	27.52	62.91	869.95	-1,487.13	464.99	405.14	59.85	7.770											
7,900.00	6,962.20	6,984.52	6,743.79	40.36	27.47	58.97	865.66	-1,507.07	514.21	455.30	58.92	8.728											
8,000.00	6,962.05	6,950.00	6,713.97	42.98	27.42	55.39	861.54	-1,523.95	573.70	516.12	57.58	9.964											
8,100.00	6,961.90	6,927.20	6,693.80	45.64	27.40	53.08	858.74	-1,534.20	641.18	584.83	56.34	11.380											
8,200.00	6,961.74	6,900.00	6,669.27	48.33	27.38	50.41	855.35	-1,545.46	714.87	659.86	55.01	12.996											
8,300.00	6,961.59	6,885.44	6,655.96	51.05	27.36	49.02	853.51	-1,551.05	793.22	739.23	53.98	14.693											
8,400.00	6,961.44	6,868.64	6,640.44	53.80	27.35	47.46	851.36	-1,557.11	875.24	822.23	53.01	16.510											
8,500.00	6,961.29	6,850.00	6,623.04	56.58	27.34	45.77	848.95	-1,563.36	960.12	908.00	52.12	18.422											
8,600.00	6,961.13	6,850.00	6,623.04	59.37	27.34	45.77	848.95	-1,563.36	1,047.30	995.72	51.58	20.306											
8,700.00	6,960.98	6,829.39	6,603.60	62.17	27.32	43.97	846.26	-1,569.66	1,136.09	1,085.26	50.84	22.348											



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-76.98	41.53	-179.59	184.33				
100.00	100.00	103.00	103.00	3.28	3.28	-76.98	41.53	-179.59	184.33	176.80	7.53	24.488	
200.00	200.00	203.00	203.00	3.30	3.30	-76.98	41.53	-179.59	184.33	176.76	7.57	24.352	
300.00	300.00	299.96	299.95	3.35	3.35	-22.38	41.76	-179.96	184.37	176.71	7.65	24.090	
400.00	399.93	394.21	394.15	3.41	3.41	-22.45	43.45	-182.68	184.35	176.58	7.77	23.730	
500.00	499.68	488.48	488.20	3.50	3.49	-22.60	46.76	-188.02	184.22	176.30	7.92	23.264	
600.00	599.13	582.75	582.00	3.61	3.59	-22.83	51.71	-196.00	183.98	175.87	8.10	22.705	
612.30	611.34	594.35	593.52	3.63	3.61	-22.86	52.43	-197.16	183.96	175.83	8.13	22.634	CC, ES
700.00	698.30	677.03	675.45	3.75	3.72	-23.02	58.28	-206.59	184.59	176.27	8.32	22.182	
800.00	797.45	771.19	768.32	3.92	3.88	-22.90	66.45	-219.77	188.23	179.66	8.58	21.946	
900.00	896.61	865.02	860.31	4.10	4.08	-22.48	76.19	-235.48	194.97	186.11	8.86	21.996	
1,000.00	995.76	958.34	951.14	4.31	4.31	-21.83	87.45	-253.64	204.81	195.63	9.18	22.305	
1,100.00	1,094.92	1,059.35	1,040.27	4.53	4.62	-20.99	100.11	-274.06	217.75	208.21	9.54	22.818	
1,200.00	1,194.08	1,149.50	1,135.24	4.76	4.93	-20.07	114.55	-297.36	232.40	222.45	9.96	23.340	
1,300.00	1,293.23	1,248.36	1,230.22	5.01	5.31	-19.25	129.00	-320.66	247.11	236.69	10.42	23.722	
1,400.00	1,392.39	1,347.21	1,325.20	5.26	5.71	-18.53	143.45	-343.96	261.86	250.96	10.90	24.017	
1,500.00	1,491.54	1,446.07	1,420.18	5.53	6.13	-17.89	157.89	-367.25	276.65	265.25	11.39	24.280	
1,600.00	1,590.70	1,544.93	1,515.16	5.80	6.56	-17.31	172.34	-390.55	291.46	279.55	11.91	24.462	
1,700.00	1,689.86	1,643.78	1,610.14	6.08	7.01	-16.79	186.78	-413.85	306.31	293.86	12.45	24.609	
1,800.00	1,789.01	1,742.64	1,705.11	6.23	7.38	-16.31	201.23	-437.15	321.17	308.58	12.59	25.503	
1,900.00	1,888.17	1,841.49	1,800.09	6.26	7.56	-15.88	215.68	-460.45	336.06	323.52	12.54	26.806	
2,000.00	1,987.32	1,940.35	1,895.07	6.31	7.66	-15.48	230.12	-483.75	350.96	338.36	12.60	27.858	
2,100.00	2,086.48	2,039.20	1,990.05	6.38	7.79	-15.12	244.57	-507.05	365.88	353.18	12.70	28.819	
2,200.00	2,185.63	2,138.06	2,085.03	6.46	7.95	-14.78	259.02	-530.35	380.81	367.98	12.83	29.685	
2,300.00	2,284.79	2,236.91	2,180.01	6.56	8.15	-14.48	273.46	-553.65	395.75	382.76	12.99	30.454	
2,400.00	2,383.95	2,335.77	2,274.98	6.68	8.37	-14.19	287.91	-576.94	410.70	397.51	13.19	31.129	
2,500.00	2,483.10	2,434.62	2,369.96	6.81	8.62	-13.92	302.35	-600.24	425.67	412.24	13.42	31.711	
2,600.00	2,582.26	2,533.48	2,464.94	6.95	8.89	-13.67	316.80	-623.54	440.64	426.96	13.68	32.205	
2,700.00	2,681.41	2,632.34	2,559.92	7.11	9.19	-13.44	331.25	-646.84	455.62	441.65	13.97	32.618	
2,800.00	2,780.57	2,731.19	2,654.90	7.28	9.51	-13.22	345.69	-670.14	470.60	456.32	14.28	32.955	
2,900.00	2,879.73	2,830.05	2,749.88	7.46	9.84	-13.02	360.14	-693.44	485.59	470.98	14.62	33.224	
3,000.00	2,978.88	2,928.90	2,844.85	7.65	10.19	-12.82	374.59	-716.74	500.59	485.62	14.97	33.432	
3,100.00	3,078.04	3,027.76	2,939.83	7.85	10.56	-12.64	389.03	-740.04	515.59	500.24	15.35	33.585	
3,200.00	3,177.19	3,126.61	3,034.81	8.06	10.93	-12.47	403.48	-763.34	530.60	514.85	15.75	33.690	
3,300.00	3,276.35	3,225.47	3,129.79	8.28	11.33	-12.31	417.92	-786.64	545.61	529.45	16.16	33.754	
3,400.00	3,375.50	3,324.32	3,224.77	8.51	11.73	-12.16	432.37	-809.93	560.63	544.03	16.60	33.782	
3,500.00	3,474.66	3,423.18	3,319.75	8.74	12.14	-12.01	446.82	-833.23	575.65	558.61	17.04	33.779	
3,600.00	3,573.82	3,522.03	3,414.72	8.98	12.56	-11.88	461.26	-856.53	590.67	573.17	17.50	33.750	
3,700.00	3,672.97	3,620.89	3,509.70	9.23	12.98	-11.75	475.71	-879.83	605.70	587.72	17.97	33.699	
3,800.00	3,772.13	3,719.75	3,604.68	9.48	13.42	-11.62	490.15	-903.13	620.73	602.27	18.46	33.630	
3,900.00	3,871.28	3,818.60	3,699.66	9.74	13.86	-11.50	504.60	-926.43	635.76	616.81	18.95	33.545	
4,000.00	3,970.44	3,917.46	3,794.64	10.00	14.31	-11.39	519.05	-949.73	650.79	631.34	19.46	33.448	
4,100.00	4,069.60	4,016.31	3,889.61	10.27	14.76	-11.28	533.49	-973.03	665.83	645.86	19.97	33.340	
4,200.00	4,168.75	4,115.17	3,984.59	10.54	15.22	-11.18	547.94	-996.33	680.87	660.38	20.49	33.225	
4,300.00	4,267.91	4,214.02	4,079.57	10.81	15.68	-11.08	562.39	-1,019.62	695.91	674.89	21.02	33.103	
4,400.00	4,367.06	4,312.88	4,174.55	11.09	16.14	-10.99	576.83	-1,042.92	710.95	689.39	21.56	32.976	
4,500.00	4,466.22	4,411.73	4,269.53	11.37	16.61	-10.90	591.28	-1,066.22	726.00	703.89	22.10	32.846	
4,600.00	4,565.37	4,510.59	4,364.51	11.65	17.09	-10.81	605.72	-1,089.52	741.04	718.39	22.65	32.713	
4,700.00	4,664.53	4,609.44	4,459.48	11.94	17.56	-10.73	620.17	-1,112.82	756.09	732.88	23.21	32.579	
4,800.00	4,763.69	4,708.30	4,554.46	12.23	18.04	-10.65	634.62	-1,136.12	771.14	747.37	23.77	32.443	
4,900.00	4,862.84	4,807.16	4,649.44	12.52	18.52	-10.57	649.06	-1,159.42	786.19	761.86	24.33	32.308	
5,000.00	4,962.00	4,906.01	4,744.42	12.81	19.01	-10.49	663.51	-1,182.72	801.24	776.34	24.90	32.172	
5,100.00	5,061.15	5,004.87	4,839.40	13.11	19.49	-10.42	677.95	-1,206.02	816.30	790.82	25.48	32.037	
5,200.00	5,160.31	5,103.72	4,934.38	13.40	19.98	-10.35	692.40	-1,229.31	831.35	805.29	26.06	31.904	
5,300.00	5,259.47	5,202.58	5,029.35	13.70	20.47	-10.29	706.85	-1,252.61	846.41	819.77	26.64	31.771	
5,400.00	5,358.62	5,301.43	5,124.33	14.00	20.96	-10.22	721.29	-1,275.91	861.46	834.24	27.23	31.641	
5,500.00	5,457.78	5,400.29	5,219.31	14.31	21.46	-10.16	735.74	-1,299.21	876.52	848.71	27.82	31.512	
5,600.00	5,556.93	5,500.86	5,314.29	14.61	21.96	-10.10	750.19	-1,322.51	891.58	863.17	28.41	31.379	
5,700.00	5,656.09	5,602.00	5,409.27	14.92	22.47	-10.04	764.63	-1,345.81	906.64	877.62	29.02	31.246	
5,800.00	5,755.24	5,703.15	5,504.25	15.22	22.98	-9.99	779.08	-1,369.11	921.70	892.08	29.62	31.116	
5,900.00	5,854.40	5,804.29	5,599.22	15.53	23.49	-9.93	793.52	-1,392.41	936.76	906.53	30.23	30.988	
6,000.00	5,953.56	5,905.43	5,694.20	15.84	24.00	-9.88	807.97	-1,415.71	951.82	920.98	30.84	30.863	
6,100.00	6,052.71	6,006.58	5,789.18	16.15	24.51	-9.83	822.42	-1,439.00	966.89	935.43	31.45	30.741	
6,200.00	6,151.87	6,107.72	5,884.16	16.46	25.03	-9.78	836.86	-1,462.30	981.95	949.88	32.07	30.621	
6,300.00	6,251.02	6,191.13	5,979.14	16.78	25.45	-9.73	851.31	-1,485.60	997.01	964.39	32.62	30.560	
6,400.00	6,350.18	6,077.46	7,165.28	17.09	37.96	62.43	1,026.82	-647.60	997.44	959.08	38.36	26.001	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,449.03	8,066.75	7,165.05	17.41	37.76	82.21	1,026.83	-658.30	913.84	873.94	39.90	22.904	
6,600.00	6,545.03	8,042.23	7,164.51	17.84	37.30	99.75	1,026.85	-682.81	835.70	794.19	41.52	20.130	
6,700.00	6,635.69	8,002.87	7,163.64	18.41	36.55	108.13	1,026.89	-722.17	765.58	722.42	43.16	17.740	
6,800.00	6,718.78	7,949.62	7,162.47	19.14	35.62	112.12	1,026.95	-775.40	705.43	660.62	44.81	15.742	
6,900.00	6,792.26	7,883.81	7,161.03	20.06	34.52	113.47	1,027.01	-841.20	656.47	610.07	46.40	14.148	
7,000.00	6,854.31	7,807.05	7,159.34	21.22	33.34	113.20	1,027.09	-917.94	618.96	571.04	47.91	12.918	
7,100.00	6,903.40	7,694.95	7,154.86	22.66	31.85	110.84	1,026.90	-1,029.91	591.66	543.04	48.62	12.169	
7,200.00	6,938.33	7,537.09	7,119.91	24.35	30.19	105.21	1,022.29	-1,183.37	565.26	516.55	48.71	11.605	
7,300.00	6,958.23	7,408.89	7,064.74	26.27	29.26	99.73	1,014.46	-1,298.59	540.10	489.71	50.39	10.719	
7,400.00	6,962.97	7,300.92	7,001.35	28.34	28.76	94.00	1,005.26	-1,385.35	519.08	466.07	53.00	9.793	
7,500.00	6,962.81	7,215.14	6,941.23	30.55	28.51	87.19	996.44	-1,445.79	503.60	447.31	56.29	8.946	
7,596.70	6,962.67	7,151.47	6,891.69	32.80	28.38	81.45	989.13	-1,485.08	497.82	438.29	59.53	8.362	
7,600.00	6,962.66	7,149.57	6,890.16	32.87	28.38	81.28	988.91	-1,486.18	497.82	438.19	59.63	8.348	
7,700.00	6,962.51	7,098.81	6,847.96	35.30	28.31	76.38	982.65	-1,513.67	505.32	442.97	62.35	8.104 SF	
7,800.00	6,962.35	7,058.82	6,813.28	37.80	28.26	72.41	977.50	-1,532.88	527.49	463.46	64.03	8.239	
7,900.00	6,962.20	7,026.74	6,784.64	40.36	28.23	69.20	973.23	-1,546.67	563.80	499.19	64.61	8.726	
8,000.00	6,962.05	7,000.00	6,760.26	42.98	28.21	66.52	969.60	-1,557.05	612.47	548.12	64.35	9.518	
8,100.00	6,961.90	6,978.86	6,740.70	45.64	28.19	64.41	966.67	-1,564.51	671.27	607.68	63.59	10.556	
8,200.00	6,961.74	6,960.61	6,723.62	48.33	28.18	62.62	964.12	-1,570.42	738.05	675.49	62.57	11.796	
8,300.00	6,961.59	6,950.00	6,713.62	51.05	28.17	61.58	962.62	-1,573.63	811.08	749.52	61.56	13.176	
8,400.00	6,961.44	6,931.72	6,696.27	53.80	28.16	59.81	960.02	-1,578.76	888.84	828.44	60.40	14.716	
8,500.00	6,961.29	6,920.11	6,685.18	56.58	28.15	58.71	958.36	-1,581.76	970.37	910.97	59.40	16.337	
8,600.00	6,961.13	6,900.00	6,665.84	59.37	28.13	56.82	955.46	-1,586.46	1,054.93	996.59	58.34	18.082	
8,700.00	6,960.98	6,900.00	6,665.84	62.17	28.13	56.82	955.46	-1,586.46	1,141.58	1,083.93	57.65	19.802	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	3.00	3.00	3.28	3.28	-71.08	61.57	-179.59	189.85					
100.00	100.00	103.00	103.00	3.28	3.28	-71.08	61.57	-179.59	189.85	182.32	7.53	25.221		
200.00	200.00	203.00	203.00	3.30	3.30	-71.08	61.57	-179.59	189.85	182.28	7.57	25.081		
300.00	300.00	299.86	299.86	3.35	3.35	-16.47	61.83	-179.94	189.87	182.22	7.65	24.810		
400.00	399.93	393.94	393.88	3.41	3.41	-16.45	63.75	-182.47	189.74	181.97	7.77	24.423		
500.00	499.68	488.02	487.75	3.50	3.49	-16.43	67.53	-187.47	189.38	181.46	7.92	23.914		
600.00	599.13	582.11	581.37	3.61	3.59	-16.39	73.17	-194.93	188.79	180.69	8.10	23.299		
629.57	628.47	609.94	608.99	3.65	3.63	-16.37	75.19	-197.60	188.69	180.52	8.16	23.114	CC, ES	
700.00	698.30	676.22	674.65	3.75	3.72	-16.26	80.66	-204.83	188.98	180.66	8.32	22.712		
800.00	797.45	770.20	767.35	3.92	3.88	-15.85	89.98	-217.16	192.22	183.64	8.57	22.417		
900.00	896.61	863.87	859.18	4.10	4.07	-15.20	101.09	-231.85	198.59	189.74	8.86	22.419		
1,000.00	995.76	957.02	949.87	4.31	4.31	-14.35	113.93	-248.82	208.12	198.95	9.17	22.689		
1,100.00	1,094.92	1,049.47	1,039.14	4.53	4.59	-13.38	128.42	-267.99	220.80	211.29	9.51	23.207		
1,200.00	1,194.08	1,141.72	1,127.39	4.76	4.91	-12.33	144.60	-289.38	236.62	226.73	9.89	23.937		
1,300.00	1,293.23	1,240.14	1,221.18	5.01	5.30	-11.28	162.60	-313.18	253.77	243.43	10.35	24.524		
1,400.00	1,392.39	1,338.55	1,314.96	5.26	5.73	-10.36	180.60	-336.98	271.00	260.17	10.84	25.012		
1,500.00	1,491.54	1,436.97	1,408.75	5.53	6.17	-9.55	198.60	-360.78	288.29	276.96	11.33	25.446		
1,600.00	1,590.70	1,535.39	1,502.53	5.80	6.63	-8.83	216.60	-384.58	305.63	293.77	11.86	25.775		
1,700.00	1,689.86	1,633.81	1,596.32	6.08	7.11	-8.19	234.60	-408.38	323.00	310.61	12.40	26.057		
1,800.00	1,789.01	1,732.22	1,690.10	6.23	7.53	-7.62	252.60	-432.18	340.42	327.85	12.56	27.095		
1,900.00	1,888.17	1,830.64	1,783.89	6.26	7.75	-7.10	270.60	-455.98	357.86	345.34	12.52	28.572		
2,000.00	1,987.32	1,929.06	1,877.67	6.31	7.85	-6.63	288.60	-479.78	375.33	362.74	12.59	29.822		
2,100.00	2,086.48	2,027.48	1,971.46	6.38	8.00	-6.20	306.60	-503.58	392.82	380.14	12.68	30.971		
2,200.00	2,185.63	2,125.90	2,065.24	6.46	8.17	-5.81	324.60	-527.38	410.33	397.51	12.82	32.012		
2,300.00	2,284.79	2,224.31	2,159.03	6.56	8.39	-5.45	342.60	-551.18	427.86	414.87	12.99	32.945		
2,400.00	2,383.95	2,322.73	2,252.81	6.68	8.63	-5.12	360.60	-574.98	445.40	432.21	13.19	33.769		
2,500.00	2,483.10	2,421.15	2,346.60	6.81	8.90	-4.81	378.60	-598.78	462.96	449.53	13.42	34.486		
2,600.00	2,582.26	2,519.57	2,440.38	6.95	9.20	-4.53	396.60	-622.58	480.53	466.84	13.69	35.102		
2,700.00	2,681.41	2,617.99	2,534.17	7.11	9.53	-4.27	414.60	-646.38	498.10	484.12	13.98	35.624		
2,800.00	2,780.57	2,716.40	2,627.95	7.28	9.87	-4.02	432.60	-670.18	515.69	501.39	14.30	36.057		
2,900.00	2,879.73	2,814.82	2,721.74	7.46	10.24	-3.79	450.60	-693.98	533.29	518.64	14.65	36.411		
3,000.00	2,978.88	2,913.24	2,815.52	7.65	10.62	-3.58	468.60	-717.78	550.89	535.88	15.01	36.693		
3,100.00	3,078.04	3,011.66	2,909.31	7.85	11.02	-3.37	486.60	-741.58	568.51	553.10	15.40	36.911		
3,200.00	3,177.19	3,110.07	3,003.09	8.06	11.43	-3.18	504.60	-765.38	586.12	570.31	15.81	37.073		
3,300.00	3,276.35	3,208.49	3,096.88	8.28	11.86	-3.01	522.60	-789.18	603.75	587.51	16.24	37.186		
3,400.00	3,375.50	3,306.91	3,190.66	8.51	12.30	-2.84	540.60	-812.98	621.38	604.70	16.68	37.258		
3,500.00	3,474.66	3,405.33	3,284.45	8.74	12.74	-2.68	558.60	-836.78	639.01	621.87	17.14	37.290		
3,600.00	3,573.82	3,503.75	3,378.23	8.98	13.20	-2.53	576.60	-860.58	656.65	639.04	17.61	37.293		
3,700.00	3,672.97	3,602.16	3,472.02	9.23	13.66	-2.39	594.60	-884.38	674.29	656.20	18.09	37.269		
3,800.00	3,772.13	3,700.58	3,565.80	9.48	14.13	-2.25	612.60	-908.18	691.94	673.35	18.59	37.223		
3,900.00	3,871.28	3,801.00	3,659.59	9.74	14.62	-2.12	630.60	-931.98	709.59	690.49	19.10	37.146		
4,000.00	3,970.44	3,902.58	3,753.37	10.00	15.12	-2.00	648.60	-955.78	727.24	707.61	19.63	37.047		
4,100.00	4,069.60	4,004.17	3,847.16	10.27	15.63	-1.88	666.60	-979.58	744.90	724.73	20.17	36.936		
4,200.00	4,168.75	4,105.75	3,940.94	10.54	16.14	-1.77	684.60	-1,003.38	762.56	741.85	20.71	36.816		
4,300.00	4,267.91	4,207.33	4,034.73	10.81	16.65	-1.67	702.60	-1,027.18	780.22	758.95	21.27	36.687		
4,400.00	4,367.06	4,291.09	4,128.51	11.09	17.08	-1.56	720.61	-1,050.98	797.89	776.11	21.77	36.649		
4,500.00	4,466.22	4,389.51	4,222.30	11.37	17.59	-1.47	738.61	-1,074.78	815.55	793.22	22.33	36.526		
4,600.00	4,565.37	4,487.92	4,316.08	11.65	18.10	-1.37	756.61	-1,098.58	833.22	810.33	22.89	36.398		
4,700.00	4,664.53	4,586.34	4,409.87	11.94	18.61	-1.28	774.61	-1,122.38	850.89	827.43	23.46	36.268		
4,800.00	4,763.69	4,684.76	4,503.65	12.23	19.13	-1.20	792.61	-1,146.18	868.57	844.53	24.04	36.136		
4,900.00	4,862.84	4,783.18	4,597.44	12.52	19.65	-1.12	810.61	-1,169.98	886.24	861.62	24.62	36.003		
5,000.00	4,962.00	4,881.60	4,691.22	12.81	20.17	-1.04	828.61	-1,193.78	903.92	878.72	25.20	35.869		
5,100.00	5,061.15	4,980.01	4,785.01	13.11	20.69	-0.96	846.61	-1,217.58	921.59	895.81	25.79	35.736		
5,200.00	5,160.31	5,078.43	4,878.79	13.40	21.22	-0.89	864.61	-1,241.38	939.27	912.89	26.38	35.603		
5,300.00	5,259.47	5,176.85	4,972.58	13.70	21.75	-0.82	882.61	-1,265.18	956.96	929.98	26.98	35.471		
5,400.00	5,358.62	5,275.27	5,066.36	14.00	22.28	-0.75	900.61	-1,288.98	974.64	947.06	27.58	35.340		
5,500.00	5,457.78	5,373.68	5,160.15	14.31	22.81	-0.69	918.61	-1,312.78	992.32	964.14	28.18	35.211		
5,600.00	5,556.93	5,472.10	5,253.93	14.61	23.34	-0.62	936.61	-1,336.58	1,010.01	981.22	28.79	35.083		
5,700.00	5,656.09	5,570.52	5,347.72	14.92	23.88	-0.56	954.61	-1,360.38	1,027.69	998.29	29.40	34.957		
5,800.00	5,755.24	5,668.94	5,441.50	15.22	24.41	-0.50	972.61	-1,384.18	1,045.38	1,015.37	30.01	34.833		
5,900.00	5,854.40	5,767.36	5,535.29	15.53	24.95	-0.45	990.61	-1,407.98	1,063.07	1,032.44	30.63	34.711		
6,000.00	5,953.56	5,865.77	5,629.07	15.84	25.49	-0.39	1,008.61	-1,431.78	1,080.76	1,049.51	31.24	34.592		
6,100.00	6,052.71	5,964.19	5,722.86	16.15	26.03	-0.34	1,026.61	-1,455.59	1,098.45	1,066.58	31.86	34.474		
6,200.00	6,151.87	6,062.61	5,816.64	16.46	26.57	-0.29	1,044.61	-1,479.39	1,116.14	1,083.65	32.48	34.359		
6,300.00	6,251.02	7,957.37	6,993.26	16.78	38.78	59.66	1,263.00	-633.50	1,106.01	1,062.47	43.54	25.401		
6,400.00	6,350.18	7,948.89	6,993.08	17.09	38.62	59.04	1,263.02	-641.98	1,036.31	991.00	45.30	22.875		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,449.03	7,938.11	6,992.85	17.41	38.42	76.01	1,263.05	-652.75	972.00	924.85	47.16	20.611		
6,600.00	6,545.03	7,913.52	6,992.32	17.84	37.96	89.55	1,263.11	-677.34	915.42	866.54	48.88	18.728		
6,700.00	6,635.69	7,874.08	6,991.48	18.41	37.26	95.26	1,263.21	-716.78	868.38	818.00	50.38	17.237		
6,800.00	6,718.78	7,820.76	6,990.35	19.14	36.34	97.41	1,263.34	-770.08	831.72	780.14	51.58	16.126		
6,900.00	6,792.26	7,754.89	6,988.95	20.06	35.30	97.42	1,263.50	-835.93	805.21	752.70	52.51	15.335		
7,000.00	6,854.31	7,678.08	6,987.31	21.22	34.18	96.18	1,263.69	-912.73	787.63	734.39	53.24	14.794		
7,100.00	6,903.40	7,579.20	6,984.13	22.66	32.93	93.90	1,263.72	-1,011.54	776.89	723.32	53.57	14.503		
7,200.00	6,938.33	7,454.85	6,962.52	24.35	31.65	90.28	1,260.40	-1,133.76	768.05	714.44	53.61	14.328		
7,300.00	6,958.23	7,345.47	6,924.55	26.27	30.82	86.74	1,253.84	-1,235.98	760.53	706.03	54.50	13.954		
7,400.00	6,962.97	7,247.46	6,876.38	28.34	30.29	83.18	1,245.23	-1,320.79	754.95	698.93	56.02	13.477		
7,496.53	6,962.82	7,167.09	6,827.73	30.47	29.99	79.43	1,236.38	-1,384.06	752.62	694.65	57.97	12.983		
7,500.00	6,962.81	7,164.49	6,826.02	30.55	29.98	79.30	1,236.07	-1,386.01	752.62	694.58	58.04	12.967		
7,600.00	6,962.66	7,097.15	6,779.30	32.87	29.81	75.69	1,227.49	-1,433.69	756.12	695.83	60.30	12.540		
7,700.00	6,962.51	7,042.55	6,737.95	35.30	29.70	72.52	1,219.85	-1,468.50	767.35	704.86	62.49	12.279		
7,800.00	6,962.35	7,000.00	6,703.79	37.80	29.64	69.93	1,213.51	-1,493.05	787.35	722.92	64.43	12.221 SF		
7,900.00	6,962.20	6,961.26	6,671.36	40.36	29.59	67.50	1,207.47	-1,513.34	816.43	750.55	65.87	12.394		
8,000.00	6,962.05	6,930.68	6,644.93	42.98	29.56	65.56	1,202.53	-1,527.92	854.30	787.40	66.91	12.768		
8,100.00	6,961.90	6,900.00	6,617.77	45.64	29.54	63.59	1,197.45	-1,541.23	900.33	832.90	67.43	13.351		
8,200.00	6,961.74	6,882.98	6,602.44	48.33	29.52	62.50	1,194.58	-1,548.03	953.55	885.76	67.79	14.066		
8,300.00	6,961.59	6,864.13	6,585.25	51.05	29.51	61.29	1,191.35	-1,555.08	1,013.11	945.32	67.79	14.945		
8,400.00	6,961.44	6,850.00	6,572.24	53.80	29.50	60.38	1,188.91	-1,560.02	1,078.08	1,010.45	67.63	15.941		
8,500.00	6,961.29	6,833.48	6,556.91	56.58	29.48	59.33	1,186.03	-1,565.43	1,147.63	1,080.36	67.27	17.061		

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	0.53	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	
275.56	275.55	275.11	275.11	3.33	3.33	55.46	60.21	0.50	59.93	52.30	7.63	7.855 CC	
300.00	300.00	299.12	299.11	3.35	3.35	55.26	60.48	0.34	60.23	52.58	7.65	7.870	
400.00	399.93	397.34	397.27	3.41	3.41	56.24	63.37	-1.37	61.18	53.41	7.78	7.869	
500.00	499.68	495.51	495.21	3.50	3.50	58.12	69.16	-4.80	63.14	55.20	7.94	7.954	
600.00	599.13	593.62	592.80	3.61	3.61	60.72	77.83	-9.92	66.19	58.04	8.15	8.125	
700.00	698.30	691.63	689.88	3.75	3.74	63.12	89.36	-16.74	70.92	62.51	8.40	8.438	
800.00	797.45	789.40	786.22	3.92	3.91	63.67	103.69	-25.22	78.30	69.59	8.71	8.990	
900.00	896.61	887.46	882.26	4.10	4.11	62.79	120.75	-35.31	88.17	79.11	9.06	9.727	
1,000.00	995.76	986.90	979.48	4.31	4.36	61.79	138.69	-45.92	98.65	89.18	9.48	10.412	
1,100.00	1,094.92	1,086.34	1,076.71	4.53	4.62	60.99	156.64	-56.53	109.16	99.24	9.92	11.004	
1,200.00	1,194.08	1,185.77	1,173.94	4.76	4.91	60.33	174.58	-67.14	119.69	109.29	10.39	11.514	
1,300.00	1,293.23	1,285.21	1,271.16	5.01	5.21	59.77	192.52	-77.75	130.22	119.33	10.89	11.954	
1,400.00	1,392.39	1,384.64	1,368.39	5.26	5.53	59.30	210.46	-88.36	140.77	129.36	11.41	12.334	
1,500.00	1,491.54	1,484.08	1,465.62	5.53	5.86	58.89	228.40	-98.97	151.33	139.38	11.95	12.662	
1,600.00	1,590.70	1,583.52	1,562.84	5.80	6.21	58.54	246.34	-109.58	161.89	149.39	12.51	12.946	
1,700.00	1,689.86	1,682.95	1,660.07	6.08	6.56	58.23	264.28	-120.19	172.46	159.39	13.07	13.193	
1,800.00	1,789.01	1,782.39	1,757.30	6.23	6.78	57.96	282.22	-130.80	183.04	170.02	13.02	14.062	
1,900.00	1,888.17	1,881.82	1,854.52	6.26	6.86	57.71	300.16	-141.41	193.61	180.52	13.09	14.786	
2,000.00	1,987.32	1,981.26	1,951.75	6.31	6.94	57.49	318.10	-152.02	204.19	191.01	13.18	15.489	
2,100.00	2,086.48	2,080.70	2,048.98	6.38	7.04	57.30	336.05	-162.63	214.78	201.47	13.31	16.138	
2,200.00	2,185.63	2,180.13	2,146.20	6.46	7.16	57.12	353.99	-173.24	225.36	211.89	13.47	16.731	
2,300.00	2,284.79	2,279.57	2,243.43	6.56	7.30	56.95	371.93	-183.85	235.95	222.28	13.67	17.266	
2,400.00	2,383.95	2,379.00	2,340.66	6.68	7.47	56.81	389.87	-194.46	246.54	232.64	13.89	17.745	
2,500.00	2,483.10	2,478.44	2,437.88	6.81	7.65	56.67	407.81	-205.07	257.13	242.97	14.15	18.168	
2,600.00	2,582.26	2,577.87	2,535.11	6.95	7.85	56.54	425.75	-215.68	267.72	253.28	14.44	18.539	
2,700.00	2,681.41	2,677.31	2,632.34	7.11	8.07	56.43	443.69	-226.29	278.31	263.55	14.76	18.860	
2,800.00	2,780.57	2,776.75	2,729.56	7.28	8.31	56.32	461.63	-236.90	288.90	273.81	15.10	19.136	
2,900.00	2,879.73	2,876.18	2,826.79	7.46	8.55	56.22	479.57	-247.51	299.50	284.04	15.46	19.370	
3,000.00	2,978.88	2,975.62	2,924.02	7.65	8.81	56.13	497.51	-258.12	310.09	294.25	15.85	19.565	
3,100.00	3,078.04	3,075.05	3,021.24	7.85	9.09	56.04	515.46	-268.73	320.69	304.43	16.26	19.727	
3,200.00	3,177.19	3,174.49	3,118.47	8.06	9.37	55.96	533.40	-279.34	331.29	314.61	16.68	19.858	
3,300.00	3,276.35	3,273.93	3,215.70	8.28	9.66	55.88	551.34	-289.95	341.88	324.76	17.13	19.963	
3,400.00	3,375.50	3,373.36	3,312.92	8.51	9.96	55.81	569.28	-300.56	352.48	334.90	17.59	20.044	
3,500.00	3,474.66	3,472.80	3,410.15	8.74	10.27	55.74	587.22	-311.17	363.08	345.02	18.06	20.105	
3,600.00	3,573.82	3,572.23	3,507.38	8.98	10.59	55.68	605.16	-321.78	373.68	355.13	18.55	20.148	
3,700.00	3,672.97	3,671.67	3,604.60	9.23	10.91	55.62	623.10	-332.39	384.28	365.23	19.05	20.176	
3,800.00	3,772.13	3,771.11	3,701.83	9.48	11.24	55.56	641.04	-343.00	394.88	375.32	19.56	20.190	
3,900.00	3,871.28	3,870.54	3,799.06	9.74	11.57	55.51	658.98	-353.61	405.48	385.40	20.08	20.193	
4,000.00	3,970.44	3,969.98	3,896.29	10.00	11.91	55.46	676.92	-364.22	416.08	395.47	20.61	20.187	
4,100.00	4,069.60	4,069.41	3,993.51	10.27	12.26	55.41	694.86	-374.83	426.68	405.53	21.15	20.172	
4,200.00	4,168.75	4,168.85	4,090.74	10.54	12.61	55.36	712.81	-385.44	437.28	415.58	21.70	20.150	
4,300.00	4,267.91	4,268.28	4,187.97	10.81	12.96	55.32	730.75	-396.05	447.88	425.63	22.26	20.123	
4,400.00	4,367.06	4,367.72	4,285.19	11.09	13.32	55.27	748.69	-406.66	458.49	435.67	22.82	20.090	
4,500.00	4,466.22	4,467.16	4,382.42	11.37	13.68	55.23	766.63	-417.28	469.09	445.70	23.39	20.054	
4,600.00	4,565.37	4,566.59	4,479.65	11.65	14.04	55.20	784.57	-427.89	479.69	455.72	23.97	20.014	
4,700.00	4,664.53	4,666.03	4,576.87	11.94	14.40	55.16	802.51	-438.50	490.29	465.74	24.55	19.971	
4,800.00	4,763.69	4,765.46	4,674.10	12.23	14.77	55.12	820.45	-449.11	500.90	475.76	25.14	19.927	
4,900.00	4,862.84	4,864.90	4,771.33	12.52	15.14	55.09	838.39	-459.72	511.50	485.77	25.73	19.880	
5,000.00	4,962.00	4,964.34	4,868.55	12.81	15.52	55.06	856.33	-470.33	522.10	495.78	26.33	19.833	
5,100.00	5,061.15	5,063.77	4,965.78	13.11	15.89	55.03	874.27	-480.94	532.70	505.78	26.93	19.784	
5,200.00	5,160.31	5,163.21	5,063.01	13.40	16.27	55.00	892.22	-491.55	543.31	515.78	27.53	19.735	
5,300.00	5,259.47	5,262.64	5,160.23	13.70	16.65	54.97	910.16	-502.16	553.91	525.77	28.14	19.685	
5,400.00	5,358.62	5,362.08	5,257.46	14.00	17.03	54.94	928.10	-512.77	564.51	535.76	28.75	19.635	
5,500.00	5,457.78	5,461.52	5,354.69	14.31	17.41	54.91	946.04	-523.38	575.12	545.75	29.37	19.585	
5,600.00	5,556.93	5,560.95	5,451.91	14.61	17.80	54.89	963.98	-533.99	585.72	555.74	29.98	19.535	
5,700.00	5,656.09	5,660.39	5,549.14	14.92	18.18	54.86	981.92	-544.60	596.33	565.72	30.60	19.485	
5,800.00	5,755.24	5,759.82	5,646.37	15.22	18.57	54.84	999.86	-555.21	606.93	575.70	31.23	19.435	
5,900.00	5,854.40	5,859.26	5,743.59	15.53	18.96	54.82	1,017.80	-565.82	617.53	585.68	31.85	19.386	
6,000.00	5,953.56	5,958.69	5,840.82	15.84	19.35	54.79	1,035.74	-576.43	628.14	595.66	32.48	19.338	
6,100.00	6,052.71	6,058.13	5,938.05	16.15	19.74	54.77	1,053.68	-587.04	638.74	605.63	33.11	19.290	
6,200.00	6,151.87	6,157.57	6,035.27	16.46	20.13	54.75	1,071.63	-597.65	649.35	615.60	33.75	19.242	
6,300.00	6,251.02	6,257.00	6,132.50	16.78	20.52	54.73	1,089.57	-608.26	659.95	625.57	34.38	19.196	
6,400.00	6,350.18	6,356.44	6,229.73	17.09	20.92	54.71	1,107.51	-618.87	670.56	635.54	35.02	19.150	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,449.03	6,455.81	6,326.89	17.41	21.31	68.20	1,125.44	-629.47	681.16	645.48	35.69	19.087	
6,600.00	6,545.03	6,554.11	6,423.01	17.84	21.70	77.71	1,143.17	-639.98	691.90	655.30	36.59	18.907	
6,700.00	6,635.69	6,658.44	6,523.52	18.41	22.14	82.27	1,161.67	-660.34	702.80	665.02	37.78	18.604	
6,800.00	6,718.78	6,767.25	6,623.43	19.14	22.71	85.06	1,179.94	-699.04	713.37	674.11	39.26	18.172	
6,900.00	6,792.26	6,880.85	6,719.23	20.06	23.45	87.04	1,197.35	-757.23	723.19	682.08	41.10	17.595	
7,000.00	6,854.31	6,999.26	6,806.65	21.22	24.41	88.53	1,213.09	-835.28	731.81	688.42	43.38	16.868	
7,100.00	6,903.40	7,122.23	6,880.80	22.66	25.67	89.66	1,226.27	-932.25	738.78	692.57	46.21	15.988	
7,200.00	6,938.33	7,249.06	6,936.64	24.35	27.30	90.48	1,235.96	-1,045.48	743.67	694.08	49.59	14.996	
7,300.00	6,958.23	7,378.64	6,969.80	26.27	29.33	90.98	1,241.39	-1,170.40	746.16	692.66	53.50	13.946	
7,400.00	6,962.97	7,503.32	6,977.95	28.34	31.54	91.15	1,242.19	-1,294.63	746.10	688.37	57.74	12.923	
7,500.00	6,962.81	7,603.32	6,977.69	30.55	33.49	91.14	1,241.57	-1,394.63	745.18	683.04	62.15	11.991	
7,600.00	6,962.66	7,703.31	6,977.44	32.87	35.59	91.14	1,240.95	-1,494.62	744.26	677.47	66.79	11.143	
7,700.00	6,962.51	7,803.31	6,977.18	35.30	37.82	91.13	1,240.34	-1,594.61	743.34	671.71	71.63	10.378	
7,800.00	6,962.35	7,903.31	6,976.93	37.80	40.14	91.13	1,239.72	-1,694.61	742.42	665.80	76.62	9.690	
7,900.00	6,962.20	8,003.30	6,976.67	40.36	42.55	91.12	1,239.10	-1,794.60	741.49	659.76	81.73	9.072	
8,000.00	6,962.05	8,103.30	6,976.42	42.98	45.03	91.11	1,238.49	-1,894.59	740.57	653.62	86.95	8.517	
8,100.00	6,961.90	8,203.29	6,976.16	45.64	47.57	91.11	1,237.87	-1,994.59	739.65	647.39	92.26	8.017	
8,200.00	6,961.74	8,303.29	6,975.91	48.33	50.16	91.10	1,237.25	-2,094.58	738.73	641.09	97.64	7.566	
8,300.00	6,961.59	8,403.28	6,975.65	51.05	52.79	91.09	1,236.64	-2,194.57	737.80	634.73	103.07	7.158	
8,400.00	6,961.44	8,503.28	6,975.40	53.80	55.45	91.09	1,236.02	-2,294.57	736.88	628.32	108.56	6.788	
8,500.00	6,961.29	8,603.28	6,975.15	56.58	58.15	91.08	1,235.40	-2,394.56	735.96	621.86	114.10	6.450	
8,600.00	6,961.13	8,703.27	6,974.89	59.37	60.87	91.07	1,234.78	-2,494.55	735.04	615.37	119.67	6.142	
8,700.00	6,960.98	8,803.27	6,974.64	62.17	63.61	91.07	1,234.17	-2,594.55	734.12	608.85	125.27	5.860	
8,800.00	6,960.83	8,903.26	6,974.38	64.99	66.37	91.06	1,233.55	-2,694.54	733.19	602.29	130.90	5.601	
8,900.00	6,960.68	9,003.26	6,974.13	67.83	69.15	91.05	1,232.93	-2,794.54	732.27	595.71	136.56	5.362	
9,000.00	6,960.52	9,103.25	6,973.87	70.67	71.95	91.05	1,232.32	-2,894.53	731.35	589.11	142.24	5.142	
9,100.00	6,960.37	9,203.25	6,973.62	73.52	74.75	91.04	1,231.70	-2,994.52	730.43	582.49	147.93	4.938	
9,200.00	6,960.22	9,303.25	6,973.36	76.39	77.57	91.03	1,231.08	-3,094.52	729.50	575.86	153.65	4.748	
9,300.00	6,960.06	9,403.24	6,973.11	79.26	80.40	91.03	1,230.47	-3,194.51	728.58	569.20	159.38	4.571	
9,400.00	6,959.91	9,503.24	6,972.85	82.13	83.24	91.02	1,229.85	-3,294.50	727.66	562.54	165.12	4.407	
9,500.00	6,959.76	9,603.23	6,972.60	85.01	86.09	91.01	1,229.23	-3,394.50	726.74	555.86	170.88	4.253	
9,600.00	6,959.61	9,703.23	6,972.34	87.90	88.95	91.01	1,228.62	-3,494.49	725.82	549.17	176.65	4.109	
9,700.00	6,959.45	9,803.22	6,972.09	90.79	91.81	91.00	1,228.00	-3,594.48	724.89	542.47	182.43	3.974	
9,800.00	6,959.30	9,903.22	6,971.84	93.69	94.68	90.99	1,227.38	-3,694.48	723.97	535.76	188.21	3.847	
9,900.00	6,959.15	10,003.22	6,971.58	96.59	97.55	90.99	1,226.76	-3,794.47	723.05	529.04	194.01	3.727	
10,000.00	6,959.00	10,103.21	6,971.33	99.50	100.43	90.98	1,226.15	-3,894.46	722.13	522.31	199.81	3.614	
10,100.00	6,958.84	10,203.21	6,971.07	102.41	103.32	90.97	1,225.53	-3,994.46	721.21	515.58	205.62	3.507	
10,200.00	6,958.69	10,303.20	6,970.82	105.32	106.21	90.97	1,224.91	-4,094.45	720.28	508.84	211.44	3.407	
10,300.00	6,958.54	10,403.20	6,970.56	108.23	109.10	90.96	1,224.30	-4,194.44	719.36	502.10	217.26	3.311	
10,400.00	6,958.39	10,503.19	6,970.31	111.15	111.99	90.95	1,223.68	-4,294.44	718.44	495.35	223.09	3.220	
10,500.00	6,958.23	10,603.19	6,970.05	114.07	114.89	90.94	1,223.06	-4,394.43	717.52	488.59	228.92	3.134	
10,600.00	6,958.08	10,703.19	6,969.80	116.99	117.80	90.94	1,222.45	-4,494.42	716.60	481.83	234.76	3.052	
10,700.00	6,957.93	10,803.18	6,969.54	119.91	120.70	90.93	1,221.83	-4,594.42	715.67	475.07	240.60	2.974	
10,800.00	6,957.77	10,903.18	6,969.29	122.84	123.61	90.92	1,221.21	-4,694.41	714.75	468.30	246.45	2.900	
10,900.00	6,957.62	11,003.17	6,969.04	125.77	126.52	90.92	1,220.59	-4,794.40	713.83	461.53	252.30	2.829	
11,000.00	6,957.47	11,103.17	6,968.78	128.70	129.44	90.91	1,219.98	-4,894.40	712.91	454.76	258.15	2.762	
11,100.00	6,957.32	11,203.16	6,968.53	131.63	132.35	90.90	1,219.36	-4,994.39	711.99	447.98	264.01	2.697	
11,200.00	6,957.16	11,303.16	6,968.27	134.56	135.27	90.90	1,218.74	-5,094.39	711.06	441.20	269.87	2.635	
11,300.00	6,957.01	11,403.16	6,968.02	137.49	138.19	90.89	1,218.13	-5,194.38	710.14	434.41	275.73	2.575	
11,400.00	6,956.86	11,503.15	6,967.76	140.43	141.11	90.88	1,217.51	-5,294.37	709.22	427.62	281.60	2.519	
11,500.00	6,956.71	11,603.15	6,967.51	143.36	144.03	90.87	1,216.89	-5,394.37	708.30	420.83	287.46	2.464	
11,600.00	6,956.55	11,703.14	6,967.25	146.30	146.96	90.87	1,216.28	-5,494.36	707.38	414.04	293.33	2.412	
11,700.00	6,956.40	11,803.14	6,967.00	149.24	149.88	90.86	1,215.66	-5,594.35	706.45	407.25	299.21	2.361	
11,800.00	6,956.25	11,903.13	6,966.74	152.18	152.81	90.85	1,215.04	-5,694.35	705.53	400.45	305.08	2.313	
11,900.00	6,956.10	12,003.13	6,966.49	155.12	155.74	90.85	1,214.42	-5,794.34	704.61	393.65	310.96	2.266	
12,000.00	6,955.94	12,103.13	6,966.23	158.06	158.67	90.84	1,213.81	-5,894.33	703.69	386.85	316.83	2.221	
12,100.00	6,955.79	12,203.12	6,965.98	161.00	161.60	90.83	1,213.19	-5,994.33	702.77	380.05	322.71	2.178	
12,200.00	6,955.64	12,303.12	6,965.73	163.95	164.53	90.82	1,212.57	-6,094.32	701.85	373.25	328.60	2.136	
12,300.00	6,955.48	12,403.11	6,965.47	166.89	167.46	90.82	1,211.96	-6,194.31	700.92	366.44	334.48	2.096	
12,400.00	6,955.33	12,503.11	6,965.22	169.83	170.40	90.81	1,211.34	-6,294.31	700.00	359.64	340.36	2.057	
12,500.00	6,955.18	12,603.10	6,964.96	172.78	173.33	90.80	1,210.72	-6,394.30	699.08	352.83	346.25	2.019	
12,600.00	6,955.03	12,703.10	6,964.71	175.72	176.27	90.80	1,210.11	-6,494.29	698.16	346.02	352.14	1.983	
12,700.00	6,954.87	12,803.10	6,964.45	178.67	179.21	90.79	1,209.49	-6,594.29	697.24	339.21	358.03	1.947	
12,800.00	6,954.72	12,903.09	6,964.20	181.62	182.14	90.78	1,208.87	-6,694.28	696.31	332.40	363.92	1.913	
12,900.00	6,954.57	13,003.09	6,963.94	184.56	185.08	90.77	1,208.26	-6,794.27	695.39	325.59	369.81	1.880	
13,000.00	6,954.42	13,103.08	6,963.69	187.51	188.02	90.77	1,207.64	-6,894.27	694.47	318.77	375.70	1.848	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	6,954.26	13,203.08	6,963.43	190.46	190.96	90.76	1,207.02	-6,994.26	693.55	311.96	381.59	1.818	
13,200.00	6,954.11	13,303.07	6,963.18	193.41	193.90	90.75	1,206.40	-7,094.26	692.63	305.14	387.49	1.787	
13,300.00	6,953.96	13,403.07	6,962.93	196.36	196.84	90.74	1,205.79	-7,194.25	691.71	298.32	393.38	1.758	
13,400.00	6,953.81	13,503.07	6,962.67	199.31	199.78	90.74	1,205.17	-7,294.24	690.78	291.51	399.28	1.730	
13,500.00	6,953.65	13,603.06	6,962.42	202.26	202.73	90.73	1,204.55	-7,394.24	689.86	284.69	405.18	1.703	
13,600.00	6,953.50	13,703.06	6,962.16	205.21	205.67	90.72	1,203.94	-7,494.23	688.94	277.87	411.07	1.676	
13,700.00	6,953.35	13,803.05	6,961.91	208.16	208.61	90.71	1,203.32	-7,594.22	688.02	271.05	416.97	1.650	
13,800.00	6,953.19	13,903.05	6,961.65	211.11	211.56	90.71	1,202.70	-7,694.22	687.10	264.23	422.87	1.625	
13,900.00	6,953.04	14,003.04	6,961.40	214.06	214.50	90.70	1,202.09	-7,794.21	686.18	257.40	428.77	1.600	
14,000.00	6,952.89	14,103.04	6,961.14	217.02	217.44	90.69	1,201.47	-7,894.20	685.25	250.58	434.67	1.576	
14,100.00	6,952.74	14,203.04	6,960.89	219.97	220.39	90.68	1,200.85	-7,994.20	684.33	243.76	440.57	1.553	
14,200.00	6,952.58	14,303.03	6,960.63	222.92	223.34	90.68	1,200.23	-8,094.19	683.41	236.93	446.48	1.531	
14,300.00	6,952.43	14,403.03	6,960.38	225.87	226.28	90.67	1,199.62	-8,194.18	682.49	230.11	452.38	1.509	
14,400.00	6,952.28	14,503.02	6,960.12	228.83	229.23	90.66	1,199.00	-8,294.18	681.57	223.28	458.28	1.487	Level 3
14,500.00	6,952.13	14,603.02	6,959.87	231.78	232.17	90.65	1,198.38	-8,394.17	680.65	216.46	464.19	1.466	Level 3
14,600.00	6,951.97	14,703.01	6,959.62	234.74	235.12	90.65	1,197.77	-8,494.16	679.72	209.63	470.09	1.446	Level 3
14,700.00	6,951.82	14,803.01	6,959.36	237.69	238.07	90.64	1,197.15	-8,594.16	678.80	202.81	476.00	1.426	Level 3
14,800.00	6,951.67	14,903.01	6,959.11	240.64	241.02	90.63	1,196.53	-8,694.15	677.88	195.98	481.90	1.407	Level 3
14,900.00	6,951.52	15,003.00	6,958.85	243.60	243.97	90.62	1,195.92	-8,794.14	676.96	189.15	487.81	1.388	Level 3
15,000.00	6,951.36	15,103.00	6,958.60	246.55	246.91	90.61	1,195.30	-8,894.14	676.04	182.32	493.72	1.369	Level 3
15,100.00	6,951.21	15,202.99	6,958.34	249.51	249.86	90.61	1,194.68	-8,994.13	675.12	175.49	499.62	1.351	Level 3
15,200.00	6,951.06	15,302.99	6,958.09	252.46	252.81	90.60	1,194.07	-9,094.12	674.20	168.66	505.53	1.334	Level 3
15,300.00	6,950.90	15,402.98	6,957.83	255.42	255.76	90.59	1,193.45	-9,194.12	673.27	161.83	511.44	1.316	Level 3
15,400.00	6,950.75	15,502.98	6,957.58	258.38	258.71	90.58	1,192.83	-9,294.11	672.35	155.00	517.35	1.300	Level 3
15,500.00	6,950.60	15,602.98	6,957.32	261.33	261.66	90.57	1,192.21	-9,394.11	671.43	148.17	523.26	1.283	Level 3
15,600.00	6,950.45	15,702.97	6,957.07	264.29	264.61	90.57	1,191.60	-9,494.10	670.51	141.34	529.17	1.267	Level 3
15,700.00	6,950.29	15,802.97	6,956.82	267.24	267.56	90.56	1,190.98	-9,594.09	669.59	134.51	535.08	1.251	Level 3
15,800.00	6,950.14	15,902.96	6,956.56	270.20	270.51	90.55	1,190.36	-9,694.09	668.67	127.68	540.99	1.236	Level 2
15,900.00	6,949.99	16,002.96	6,956.31	273.16	273.46	90.54	1,189.75	-9,794.08	667.75	120.85	546.90	1.221	Level 2
16,000.00	6,949.84	16,102.95	6,956.05	276.11	276.41	90.53	1,189.13	-9,894.07	666.82	114.02	552.81	1.206	Level 2
16,100.00	6,949.68	16,202.95	6,955.80	279.07	279.37	90.53	1,188.51	-9,994.07	665.90	107.18	558.72	1.192	Level 2
16,200.00	6,949.53	16,302.95	6,955.54	282.03	282.32	90.52	1,187.90	-10,094.06	664.98	100.35	564.63	1.178	Level 2
16,300.00	6,949.38	16,402.94	6,955.29	284.98	285.27	90.51	1,187.28	-10,194.05	664.06	93.52	570.54	1.164	Level 2
16,400.00	6,949.23	16,502.94	6,955.03	287.94	288.22	90.50	1,186.66	-10,294.05	663.14	86.68	576.46	1.150	Level 2
16,500.00	6,949.07	16,602.93	6,954.78	290.90	291.17	90.49	1,186.04	-10,394.04	662.22	79.85	582.37	1.137	Level 2
16,600.00	6,948.92	16,702.93	6,954.52	293.86	294.13	90.49	1,185.43	-10,494.03	661.30	73.02	588.28	1.124	Level 2
16,700.00	6,948.77	16,802.92	6,954.27	296.81	297.08	90.48	1,184.81	-10,594.03	660.38	66.18	594.19	1.111	Level 2
16,800.00	6,948.62	16,902.92	6,954.02	299.77	300.03	90.47	1,184.19	-10,694.02	659.45	59.35	600.11	1.099	Level 2
16,900.00	6,948.46	17,002.92	6,953.76	302.73	302.98	90.46	1,183.58	-10,794.01	658.53	52.51	606.02	1.087	Level 2
17,000.00	6,948.31	17,102.91	6,953.51	305.69	305.94	90.45	1,182.96	-10,894.01	657.61	45.68	611.93	1.075	Level 2
17,100.00	6,948.16	17,202.91	6,953.25	308.65	308.89	90.45	1,182.34	-10,994.00	656.69	38.84	617.85	1.063	Level 2
17,200.00	6,948.00	17,302.90	6,953.00	311.61	311.84	90.44	1,181.73	-11,093.99	655.77	32.01	623.76	1.051	Level 2
17,202.77	6,948.00	17,305.67	6,952.99	311.69	311.93	90.44	1,181.71	-11,096.76	655.74	31.82	623.93	1.051	Level 2, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.40	40.07	0.28	40.07					
100.00	100.00	100.00	100.00	3.28	3.28	0.40	40.07	0.28	40.07	32.55	7.53	5.324		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.07	0.28	40.07	32.51	7.57	5.295		
277.48	277.48	277.17	277.17	3.33	3.33	55.50	40.18	0.20	39.88	32.25	7.63	5.226 CC		
300.00	300.00	299.44	299.44	3.35	3.35	55.15	40.42	0.03	40.17	32.52	7.65	5.249		
400.00	399.93	398.30	398.24	3.41	3.41	56.30	43.21	-1.94	40.99	33.21	7.78	5.271		
500.00	499.68	497.14	496.83	3.50	3.50	58.47	48.77	-5.87	42.66	34.72	7.94	5.372		
600.00	599.13	595.93	595.09	3.61	3.61	61.42	57.11	-11.76	45.27	37.12	8.15	5.553		
700.00	698.30	694.65	692.87	3.75	3.75	63.79	68.20	-19.60	49.37	40.96	8.42	5.867		
800.00	797.45	806.60	790.16	3.92	3.94	63.40	81.99	-29.34	55.88	47.13	8.75	6.384		
900.00	896.61	906.87	888.21	4.10	4.15	62.36	96.83	-39.83	63.22	54.09	9.13	6.925		
1,000.00	995.76	992.85	986.27	4.31	4.35	61.55	111.67	-50.32	70.57	61.06	9.51	7.421		
1,100.00	1,094.92	1,107.43	1,084.32	4.53	4.64	60.88	126.51	-60.81	77.93	67.94	9.99	7.804		
1,200.00	1,194.08	1,207.70	1,182.38	4.76	4.91	60.33	141.35	-71.30	85.30	74.84	10.46	8.155		
1,300.00	1,293.23	1,307.98	1,280.43	5.01	5.20	59.87	156.19	-81.79	92.68	81.72	10.96	8.459		
1,400.00	1,392.39	1,408.25	1,378.49	5.26	5.50	59.48	171.03	-92.28	100.06	88.59	11.47	8.722		
1,500.00	1,491.54	1,508.53	1,476.54	5.53	5.81	59.14	185.87	-102.76	107.45	95.44	12.01	8.950		
1,600.00	1,590.70	1,608.80	1,574.60	5.80	6.13	58.84	200.72	-113.25	114.84	102.29	12.56	9.147		
1,700.00	1,689.86	1,709.08	1,672.65	6.08	6.44	58.58	215.56	-123.74	122.23	109.13	13.10	9.328		
1,800.00	1,789.01	1,809.35	1,770.71	6.23	6.61	58.35	230.40	-134.23	129.63	116.62	13.01	9.965		
1,900.00	1,888.17	1,909.63	1,868.76	6.26	6.66	58.14	245.24	-144.72	137.03	123.96	13.07	10.488		
2,000.00	1,987.32	2,009.90	1,966.82	6.31	6.73	57.96	260.08	-155.21	144.43	131.27	13.16	10.976		
2,100.00	2,086.48	2,089.82	2,064.87	6.38	6.81	57.79	274.92	-165.70	151.83	138.55	13.27	11.439		
2,200.00	2,185.63	2,189.55	2,162.93	6.46	6.91	57.64	289.76	-176.18	159.23	145.80	13.43	11.854		
2,300.00	2,284.79	2,289.27	2,260.98	6.56	7.04	57.50	304.60	-186.67	166.63	153.01	13.63	12.230		
2,400.00	2,383.95	2,389.00	2,359.04	6.68	7.19	57.38	319.45	-197.16	174.03	160.18	13.85	12.566		
2,500.00	2,483.10	2,488.72	2,457.09	6.81	7.35	57.26	334.29	-207.65	181.44	167.33	14.10	12.864		
2,600.00	2,582.26	2,588.45	2,555.15	6.95	7.54	57.15	349.13	-218.14	188.84	174.46	14.39	13.125		
2,700.00	2,681.41	2,688.17	2,653.20	7.11	7.73	57.06	363.97	-228.63	196.25	181.55	14.70	13.352		
2,800.00	2,780.57	2,787.90	2,751.26	7.28	7.94	56.96	378.81	-239.12	203.65	188.62	15.03	13.547		
2,900.00	2,879.73	2,887.62	2,849.31	7.46	8.16	56.88	393.65	-249.61	211.06	195.67	15.39	13.713		
3,000.00	2,978.88	2,987.35	2,947.37	7.65	8.40	56.80	408.49	-260.09	218.47	202.70	15.77	13.852		
3,100.00	3,078.04	3,087.07	3,045.42	7.85	8.64	56.73	423.33	-270.58	225.88	209.70	16.17	13.968		
3,200.00	3,177.19	3,186.80	3,143.48	8.06	8.90	56.66	438.17	-281.07	233.28	216.69	16.59	14.062		
3,300.00	3,276.35	3,286.52	3,241.53	8.28	9.16	56.59	453.02	-291.56	240.69	223.67	17.02	14.138		
3,400.00	3,375.50	3,386.25	3,339.59	8.51	9.44	56.53	467.86	-302.05	248.10	230.62	17.48	14.197		
3,500.00	3,474.66	3,485.97	3,437.64	8.74	9.72	56.47	482.70	-312.54	255.51	237.57	17.94	14.241		
3,600.00	3,573.82	3,585.70	3,535.70	8.98	10.01	56.42	497.54	-323.03	262.92	244.50	18.42	14.273		
3,700.00	3,672.97	3,685.42	3,633.75	9.23	10.30	56.37	512.38	-333.52	270.33	251.41	18.91	14.294		
3,800.00	3,772.13	3,785.15	3,731.81	9.48	10.60	56.32	527.22	-344.00	277.73	258.32	19.41	14.306		
3,900.00	3,871.28	3,884.87	3,829.86	9.74	10.91	56.27	542.06	-354.49	285.14	265.22	19.93	14.309		
4,000.00	3,970.44	3,984.60	3,927.92	10.00	11.22	56.23	556.90	-364.98	292.55	272.10	20.45	14.306		
4,100.00	4,069.60	4,084.32	4,025.97	10.27	11.53	56.19	571.74	-375.47	299.96	278.98	20.98	14.297		
4,200.00	4,168.75	4,184.05	4,124.03	10.54	11.85	56.15	586.59	-385.96	307.37	285.85	21.52	14.283		
4,300.00	4,267.91	4,283.77	4,222.08	10.81	12.18	56.11	601.43	-396.45	314.78	292.71	22.07	14.264		
4,400.00	4,367.06	4,383.50	4,320.14	11.09	12.50	56.07	616.27	-406.94	322.19	299.57	22.62	14.242		
4,500.00	4,466.22	4,483.22	4,418.19	11.37	12.83	56.04	631.11	-417.43	329.60	306.42	23.18	14.217		
4,600.00	4,565.37	4,582.95	4,516.25	11.65	13.17	56.01	645.95	-427.91	337.01	313.26	23.75	14.190		
4,700.00	4,664.53	4,682.67	4,614.30	11.94	13.50	55.97	660.79	-438.40	344.42	320.10	24.32	14.160		
4,800.00	4,763.69	4,782.40	4,712.36	12.23	13.84	55.94	675.63	-448.89	351.83	326.93	24.90	14.130		
4,900.00	4,862.84	4,882.12	4,810.41	12.52	14.18	55.92	690.47	-459.38	359.25	333.76	25.48	14.097		
5,000.00	4,962.00	4,981.85	4,908.47	12.81	14.53	55.89	705.32	-469.87	366.66	340.59	26.07	14.064		
5,100.00	5,061.15	5,081.57	5,006.52	13.11	14.87	55.86	720.16	-480.36	374.07	347.41	26.66	14.030		
5,200.00	5,160.31	5,181.29	5,104.58	13.40	15.22	55.84	735.00	-490.85	381.48	354.22	27.26	13.996		
5,300.00	5,259.47	5,281.02	5,202.63	13.70	15.57	55.81	749.84	-501.33	388.89	361.03	27.86	13.961		
5,400.00	5,358.62	5,380.74	5,300.69	14.00	15.92	55.79	764.68	-511.82	396.30	367.84	28.46	13.926		
5,500.00	5,457.78	5,480.47	5,398.74	14.31	16.27	55.76	779.52	-522.31	403.71	374.65	29.06	13.891		
5,600.00	5,556.93	5,580.19	5,496.80	14.61	16.63	55.74	794.36	-532.80	411.12	381.45	29.67	13.856		
5,700.00	5,656.09	5,679.92	5,594.85	14.92	16.98	55.72	809.20	-543.29	418.53	388.25	30.28	13.821		
5,800.00	5,755.24	5,779.64	5,692.91	15.22	17.34	55.70	824.04	-553.78	425.94	395.05	30.90	13.786		
5,900.00	5,854.40	5,879.37	5,790.96	15.53	17.70	55.68	838.89	-564.27	433.36	401.84	31.51	13.751		
6,000.00	5,953.56	5,979.09	5,889.02	15.84	18.06	55.66	853.73	-574.76	440.77	408.63	32.13	13.717		
6,100.00	6,052.71	6,078.82	5,987.07	16.15	18.42	55.64	868.57	-585.24	448.18	415.42	32.75	13.683		
6,200.00	6,151.87	6,178.54	6,085.13	16.46	18.78	55.63	883.41	-595.73	455.59	422.21	33.38	13.650		
6,300.00	6,251.02	6,278.27	6,183.18	16.78	19.14	55.61	898.25	-606.22	463.00	429.00	34.00	13.617		
6,400.00	6,350.18	6,377.99	6,281.24	17.09	19.51	55.59	913.09	-616.71	470.41	435.78	34.63	13.584		



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,449.03	6,477.65	6,379.23	17.41	19.87	69.32	927.92	-627.19	477.87	442.57	35.30	13.539	
6,600.00	6,545.03	6,575.94	6,475.87	17.84	20.23	79.65	942.55	-637.53	485.81	449.58	36.23	13.410	
6,700.00	6,635.69	6,680.31	6,577.25	18.41	20.64	85.36	957.85	-656.40	494.64	457.18	37.45	13.207	
6,800.00	6,718.78	6,789.64	6,678.71	19.14	21.19	89.23	973.05	-693.82	503.72	464.77	38.96	12.931	
6,900.00	6,792.26	6,904.07	6,776.49	20.06	21.91	92.17	987.59	-751.14	512.59	471.81	40.78	12.570	
7,000.00	6,854.31	7,023.65	6,866.14	21.22	22.89	94.48	1,000.77	-828.91	520.69	477.70	42.99	12.113	
7,100.00	6,903.40	7,148.14	6,942.51	22.66	24.19	96.28	1,011.82	-926.34	527.44	481.80	45.64	11.556	
7,200.00	6,938.33	7,276.80	7,000.23	24.35	25.91	97.57	1,019.94	-1,040.80	532.30	483.47	48.83	10.902	
7,300.00	6,958.23	7,408.45	7,034.56	26.27	28.07	98.36	1,024.43	-1,167.56	534.82	482.33	52.49	10.189	
7,400.00	6,962.97	7,534.80	7,042.94	28.34	30.43	98.60	1,024.99	-1,293.46	534.77	478.21	56.56	9.456	
7,500.00	6,962.81	7,634.80	7,042.66	30.55	32.47	98.60	1,024.38	-1,393.45	533.84	472.93	60.91	8.764	
7,600.00	6,962.66	7,734.80	7,042.37	32.87	34.65	98.60	1,023.77	-1,493.45	532.92	467.42	65.50	8.136	
7,700.00	6,962.51	7,834.79	7,042.09	35.30	36.94	98.60	1,023.15	-1,593.44	531.99	461.71	70.28	7.569	
7,800.00	6,962.35	7,934.79	7,041.80	37.80	39.32	98.60	1,022.54	-1,693.43	531.07	455.85	75.22	7.060	
7,900.00	6,962.20	8,034.78	7,041.52	40.36	41.78	98.61	1,021.93	-1,793.43	530.14	449.86	80.28	6.604	
8,000.00	6,962.05	8,134.78	7,041.23	42.98	44.31	98.61	1,021.32	-1,893.42	529.22	443.77	85.45	6.194	
8,100.00	6,961.90	8,234.77	7,040.95	45.64	46.89	98.61	1,020.71	-1,993.41	528.29	437.59	90.70	5.825	
8,200.00	6,961.74	8,334.77	7,040.66	48.33	49.51	98.61	1,020.09	-2,093.41	527.37	431.35	96.02	5.492	
8,300.00	6,961.59	8,434.77	7,040.38	51.05	52.17	98.61	1,019.48	-2,193.40	526.44	425.04	101.40	5.192	
8,400.00	6,961.44	8,534.76	7,040.09	53.80	54.86	98.61	1,018.87	-2,293.39	525.52	418.68	106.83	4.919	
8,500.00	6,961.29	8,634.76	7,039.81	56.58	57.58	98.61	1,018.26	-2,393.39	524.59	412.28	112.31	4.671	
8,600.00	6,961.13	8,734.75	7,039.52	59.37	60.33	98.61	1,017.64	-2,493.38	523.66	405.84	117.82	4.445	
8,700.00	6,960.98	8,834.75	7,039.24	62.17	63.09	98.61	1,017.03	-2,593.37	522.74	399.37	123.37	4.237	
8,800.00	6,960.83	8,934.74	7,038.95	64.99	65.87	98.61	1,016.42	-2,693.37	521.81	392.87	128.94	4.047	
8,900.00	6,960.68	9,034.74	7,038.67	67.83	68.67	98.61	1,015.81	-2,793.36	520.89	386.35	134.54	3.872	
9,000.00	6,960.52	9,134.74	7,038.38	70.67	71.48	98.61	1,015.19	-2,893.35	519.96	379.80	140.16	3.710	
9,100.00	6,960.37	9,234.73	7,038.09	73.52	74.30	98.61	1,014.58	-2,993.35	519.04	373.24	145.80	3.560	
9,200.00	6,960.22	9,334.73	7,037.81	76.39	77.14	98.61	1,013.97	-3,093.34	518.11	366.66	151.45	3.421	
9,300.00	6,960.06	9,434.72	7,037.52	79.26	79.98	98.61	1,013.36	-3,193.33	517.19	360.06	157.13	3.292	
9,400.00	6,959.91	9,534.72	7,037.24	82.13	82.83	98.62	1,012.74	-3,293.33	516.26	353.45	162.81	3.171	
9,500.00	6,959.76	9,634.71	7,036.95	85.01	85.69	98.62	1,012.13	-3,393.32	515.34	346.83	168.51	3.058	
9,600.00	6,959.61	9,734.71	7,036.67	87.90	88.55	98.62	1,011.52	-3,493.31	514.41	340.19	174.22	2.953	
9,700.00	6,959.45	9,834.71	7,036.38	90.79	91.43	98.62	1,010.91	-3,593.31	513.48	333.55	179.93	2.854	
9,800.00	6,959.30	9,934.70	7,036.10	93.69	94.30	98.62	1,010.29	-3,693.30	512.56	326.90	185.66	2.761	
9,900.00	6,959.15	10,034.70	7,035.81	96.59	97.19	98.62	1,009.68	-3,793.29	511.63	320.24	191.40	2.673	
10,000.00	6,959.00	10,134.69	7,035.53	99.50	100.07	98.62	1,009.07	-3,893.29	510.71	313.57	197.14	2.591	
10,100.00	6,958.84	10,234.69	7,035.24	102.41	102.97	98.62	1,008.46	-3,993.28	509.78	306.90	202.89	2.513	
10,200.00	6,958.69	10,334.68	7,034.96	105.32	105.86	98.62	1,007.84	-4,093.27	508.86	300.21	208.64	2.439	
10,300.00	6,958.54	10,434.68	7,034.67	108.23	108.76	98.62	1,007.23	-4,193.27	507.93	293.53	214.40	2.369	
10,400.00	6,958.39	10,534.68	7,034.39	111.15	111.66	98.62	1,006.62	-4,293.26	507.01	286.84	220.17	2.303	
10,500.00	6,958.23	10,634.67	7,034.10	114.07	114.57	98.62	1,006.01	-4,393.26	506.08	280.14	225.94	2.240	
10,600.00	6,958.08	10,734.67	7,033.82	116.99	117.48	98.62	1,005.39	-4,493.25	505.16	273.44	231.72	2.180	
10,700.00	6,957.93	10,834.66	7,033.53	119.91	120.39	98.62	1,004.78	-4,593.24	504.23	266.73	237.50	2.123	
10,800.00	6,957.77	10,934.66	7,033.25	122.84	123.30	98.63	1,004.17	-4,693.24	503.31	260.02	243.28	2.069	
10,900.00	6,957.62	11,034.65	7,032.96	125.77	126.22	98.63	1,003.56	-4,793.23	502.38	253.31	249.07	2.017	
11,000.00	6,957.47	11,134.65	7,032.68	128.70	129.13	98.63	1,002.94	-4,893.22	501.45	246.59	254.86	1.968	
11,100.00	6,957.32	11,234.65	7,032.39	131.63	132.05	98.63	1,002.33	-4,993.22	500.53	239.87	260.66	1.920	
11,200.00	6,957.16	11,334.64	7,032.11	134.56	134.98	98.63	1,001.72	-5,093.21	499.60	233.15	266.45	1.875	
11,300.00	6,957.01	11,434.64	7,031.82	137.49	137.90	98.63	1,001.11	-5,193.20	498.68	226.42	272.25	1.832	
11,400.00	6,956.86	11,534.63	7,031.54	140.43	140.82	98.63	1,000.50	-5,293.20	497.75	219.70	278.06	1.790	
11,500.00	6,956.71	11,634.63	7,031.25	143.36	143.75	98.63	999.88	-5,393.19	496.83	212.97	283.86	1.750	
11,600.00	6,956.55	11,734.62	7,030.97	146.30	146.68	98.63	999.27	-5,493.18	495.90	206.23	289.67	1.712	
11,700.00	6,956.40	11,834.62	7,030.68	149.24	149.61	98.63	998.66	-5,593.18	494.98	199.50	295.48	1.675	
11,800.00	6,956.25	11,934.62	7,030.40	152.18	152.54	98.63	998.05	-5,693.17	494.05	192.76	301.29	1.640	
11,900.00	6,956.10	12,034.61	7,030.11	155.12	155.47	98.63	997.43	-5,793.16	493.13	186.02	307.10	1.606	
12,000.00	6,955.94	12,134.61	7,029.83	158.06	158.40	98.63	996.82	-5,893.16	492.20	179.28	312.92	1.573	
12,100.00	6,955.79	12,234.60	7,029.54	161.00	161.34	98.64	996.21	-5,993.15	491.27	172.54	318.73	1.541	
12,200.00	6,955.64	12,334.60	7,029.26	163.95	164.27	98.64	995.60	-6,093.14	490.35	165.80	324.55	1.511	
12,300.00	6,955.48	12,434.59	7,028.97	166.89	167.21	98.64	994.98	-6,193.14	489.42	159.05	330.37	1.481 Level 3	
12,400.00	6,955.33	12,534.59	7,028.69	169.83	170.14	98.64	994.37	-6,293.13	488.50	152.30	336.19	1.453 Level 3	
12,500.00	6,955.18	12,634.59	7,028.40	172.78	173.08	98.64	993.76	-6,393.12	487.57	145.56	342.02	1.426 Level 3	
12,600.00	6,955.03	12,734.58	7,028.12	175.72	176.02	98.64	993.15	-6,493.12	486.65	138.81	347.84	1.399 Level 3	
12,700.00	6,954.87	12,834.58	7,027.83	178.67	178.96	98.64	992.53	-6,593.11	485.72	132.06	353.67	1.373 Level 3	
12,800.00	6,954.72	12,934.57	7,027.55	181.62	181.90	98.64	991.92	-6,693.10	484.80	125.30	359.49	1.349 Level 3	
12,900.00	6,954.57	13,034.57	7,027.26	184.56	184.84	98.64	991.31	-6,793.10	483.87	118.55	365.32	1.325 Level 3	
13,000.00	6,954.42	13,134.56	7,026.97	187.51	187.78	98.64	990.70	-6,893.09	482.95	111.80	371.15	1.301 Level 3	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	6,954.26	13,234.56	7,026.69	190.46	190.72	98.64	990.08	-6,993.08	482.02	105.04	376.98	1.279	Level 3
13,200.00	6,954.11	13,334.56	7,026.40	193.41	193.66	98.64	989.47	-7,093.08	481.09	98.29	382.81	1.257	Level 3
13,300.00	6,953.96	13,434.55	7,026.12	196.36	196.61	98.64	988.86	-7,193.07	480.17	91.53	388.64	1.236	Level 2
13,400.00	6,953.81	13,534.55	7,025.83	199.31	199.55	98.65	988.25	-7,293.06	479.24	84.77	394.47	1.215	Level 2
13,500.00	6,953.65	13,634.54	7,025.55	202.26	202.49	98.65	987.63	-7,393.06	478.32	78.01	400.30	1.195	Level 2
13,600.00	6,953.50	13,734.54	7,025.26	205.21	205.44	98.65	987.02	-7,493.05	477.39	71.26	406.14	1.175	Level 2
13,700.00	6,953.35	13,834.53	7,024.98	208.16	208.38	98.65	986.41	-7,593.05	476.47	64.50	411.97	1.157	Level 2
13,800.00	6,953.19	13,934.53	7,024.69	211.11	211.33	98.65	985.80	-7,693.04	475.54	57.74	417.81	1.138	Level 2
13,900.00	6,953.04	14,034.53	7,024.41	214.06	214.27	98.65	985.18	-7,793.03	474.62	50.97	423.64	1.120	Level 2
14,000.00	6,952.89	14,134.52	7,024.12	217.02	217.22	98.65	984.57	-7,893.03	473.69	44.21	429.48	1.103	Level 2
14,100.00	6,952.74	14,234.52	7,023.84	219.97	220.17	98.65	983.96	-7,993.02	472.77	37.45	435.32	1.086	Level 2
14,200.00	6,952.58	14,334.51	7,023.55	222.92	223.11	98.65	983.35	-8,093.01	471.84	30.69	441.15	1.070	Level 2
14,300.00	6,952.43	14,434.51	7,023.27	225.87	226.06	98.65	982.73	-8,193.01	470.92	23.92	446.99	1.054	Level 2
14,400.00	6,952.28	14,534.50	7,022.98	228.83	229.01	98.65	982.12	-8,293.00	469.99	17.16	452.83	1.038	Level 2
14,500.00	6,952.13	14,634.50	7,022.70	231.78	231.96	98.65	981.51	-8,392.99	469.06	10.39	458.67	1.023	Level 2
14,600.00	6,951.97	14,734.50	7,022.41	234.74	234.91	98.66	980.90	-8,492.99	468.14	3.63	464.51	1.008	Level 2
14,700.00	6,951.82	14,834.49	7,022.13	237.69	237.86	98.66	980.29	-8,592.98	467.21	-3.14	470.35	0.993	Level 1
14,800.00	6,951.67	14,934.49	7,021.84	240.64	240.80	98.66	979.67	-8,692.97	466.29	-9.90	476.19	0.979	Level 1
14,900.00	6,951.52	15,034.48	7,021.56	243.60	243.75	98.66	979.06	-8,792.97	465.36	-16.67	482.03	0.965	Level 1
15,000.00	6,951.36	15,134.48	7,021.27	246.55	246.70	98.66	978.45	-8,892.96	464.44	-23.44	487.88	0.952	Level 1
15,100.00	6,951.21	15,234.47	7,020.99	249.51	249.65	98.66	977.84	-8,992.95	463.51	-30.21	493.72	0.939	Level 1
15,200.00	6,951.06	15,334.47	7,020.70	252.46	252.60	98.66	977.22	-9,092.95	462.59	-36.97	499.56	0.926	Level 1
15,300.00	6,950.90	15,434.47	7,020.42	255.42	255.55	98.66	976.61	-9,192.94	461.66	-43.74	505.40	0.913	Level 1
15,400.00	6,950.75	15,534.46	7,020.13	258.38	258.51	98.66	976.00	-9,292.93	460.74	-50.51	511.25	0.901	Level 1
15,500.00	6,950.60	15,634.46	7,019.85	261.33	261.46	98.66	975.39	-9,392.93	459.81	-57.28	517.09	0.889	Level 1
15,600.00	6,950.45	15,734.45	7,019.56	264.29	264.41	98.66	974.77	-9,492.92	458.88	-64.05	522.93	0.878	Level 1
15,700.00	6,950.29	15,834.45	7,019.28	267.24	267.36	98.66	974.16	-9,592.91	457.96	-70.82	528.78	0.866	Level 1
15,800.00	6,950.14	15,934.45	7,018.99	270.20	270.31	98.67	973.55	-9,692.91	457.03	-77.59	534.62	0.855	Level 1
15,900.00	6,949.99	16,034.44	7,018.71	273.16	273.26	98.67	972.94	-9,792.90	456.11	-84.36	540.47	0.844	Level 1
16,000.00	6,949.84	16,134.44	7,018.42	276.11	276.22	98.67	972.32	-9,892.89	455.18	-91.13	546.31	0.833	Level 1
16,100.00	6,949.68	16,234.43	7,018.14	279.07	279.17	98.67	971.71	-9,992.89	454.26	-97.90	552.16	0.823	Level 1
16,200.00	6,949.53	16,334.43	7,017.85	282.03	282.12	98.67	971.10	-10,092.88	453.33	-104.67	558.01	0.812	Level 1
16,300.00	6,949.38	16,434.42	7,017.57	284.98	285.07	98.67	970.49	-10,192.87	452.41	-111.45	563.85	0.802	Level 1
16,400.00	6,949.23	16,534.42	7,017.28	287.94	288.03	98.67	969.87	-10,292.87	451.48	-118.22	569.70	0.792	Level 1
16,500.00	6,949.07	16,634.42	7,017.00	290.90	290.98	98.67	969.26	-10,392.86	450.56	-124.99	575.55	0.783	Level 1
16,600.00	6,948.92	16,734.41	7,016.71	293.86	293.93	98.67	968.65	-10,492.85	449.63	-131.76	581.39	0.773	Level 1
16,700.00	6,948.77	16,834.41	7,016.42	296.81	296.89	98.67	968.04	-10,592.85	448.71	-138.53	587.24	0.764	Level 1
16,800.00	6,948.62	16,934.40	7,016.14	299.77	299.84	98.67	967.42	-10,692.84	447.78	-145.31	593.09	0.755	Level 1
16,900.00	6,948.46	17,034.40	7,015.85	302.73	302.79	98.68	966.81	-10,792.84	446.85	-152.08	598.93	0.746	Level 1
17,000.00	6,948.31	17,134.39	7,015.57	305.69	305.75	98.68	966.20	-10,892.83	445.93	-158.85	604.78	0.737	Level 1
17,100.00	6,948.16	17,234.39	7,015.28	308.65	308.70	98.68	965.59	-10,992.82	445.00	-165.63	610.63	0.729	Level 1
17,200.00	6,948.00	17,334.39	7,015.00	311.61	311.65	98.68	964.97	-11,092.82	444.08	-172.40	616.47	0.720	Level 1
17,202.77	6,948.00	17,337.15	7,014.99	311.69	311.74	98.68	964.96	-11,095.58	444.05	-172.59	616.64	0.720	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-79.78	-0.56	79.78				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-79.78	-0.56	79.78	72.26	7.53	10.599	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-79.78	-0.56	79.78	72.21	7.57	10.541	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-79.78	-0.56	79.78	72.21	7.57	10.541	CC, ES
300.00	300.00	299.56	299.56	3.35	3.34	-124.96	-79.91	-0.96	80.17	72.52	7.65	10.477	
400.00	399.93	398.60	398.54	3.41	3.40	-124.62	-80.98	-4.22	83.27	75.50	7.77	10.712	
500.00	499.68	497.44	497.13	3.50	3.48	-124.01	-83.10	-10.71	89.47	81.53	7.94	11.264	
600.00	599.13	603.65	595.53	3.61	3.60	-123.37	-86.20	-20.20	98.68	90.50	8.17	12.073	
700.00	698.30	704.24	694.37	3.75	3.74	-123.67	-89.52	-30.35	109.45	101.00	8.45	12.954	
800.00	797.45	795.17	793.21	3.92	3.88	-123.98	-92.84	-40.51	120.27	111.52	8.75	13.744	
900.00	896.61	905.42	892.04	4.10	4.08	-124.25	-96.16	-50.66	131.10	121.98	9.12	14.369	
1,000.00	995.76	1,006.01	990.88	4.31	4.28	-124.47	-99.48	-60.82	141.93	132.42	9.51	14.917	
1,100.00	1,094.92	1,106.59	1,089.71	4.53	4.49	-124.66	-102.80	-70.98	152.76	142.83	9.94	15.375	
1,200.00	1,194.08	1,207.18	1,188.55	4.76	4.72	-124.83	-106.12	-81.13	163.60	153.21	10.38	15.757	
1,300.00	1,293.23	1,307.77	1,287.38	5.01	4.95	-124.98	-109.44	-91.29	174.43	163.58	10.85	16.074	
1,400.00	1,392.39	1,408.36	1,386.21	5.26	5.20	-125.10	-112.76	-101.44	185.27	173.93	11.34	16.337	
1,500.00	1,491.54	1,508.95	1,485.05	5.53	5.46	-125.22	-116.08	-111.60	196.10	184.26	11.85	16.556	
1,600.00	1,590.70	1,609.54	1,583.88	5.80	5.72	-125.32	-119.40	-121.76	206.94	194.58	12.36	16.736	
1,700.00	1,689.86	1,689.87	1,682.72	6.08	5.94	-125.41	-122.71	-131.91	217.78	204.93	12.84	16.957	
1,800.00	1,789.01	1,789.28	1,781.55	6.23	6.09	-125.50	-126.03	-142.07	228.62	215.86	12.76	17.917	
1,900.00	1,888.17	1,888.69	1,880.39	6.26	6.13	-125.57	-129.35	-152.22	239.46	226.63	12.83	18.670	
2,000.00	1,987.32	1,988.10	1,979.22	6.31	6.17	-125.64	-132.67	-162.38	250.29	237.38	12.91	19.387	
2,100.00	2,086.48	2,087.51	2,078.06	6.38	6.23	-125.71	-135.99	-172.53	261.13	248.11	13.03	20.044	
2,200.00	2,185.63	2,186.92	2,176.89	6.46	6.31	-125.76	-139.31	-182.69	271.97	258.80	13.18	20.639	
2,300.00	2,284.79	2,286.33	2,275.73	6.56	6.40	-125.82	-142.63	-192.85	282.81	269.46	13.36	21.172	
2,400.00	2,383.95	2,385.74	2,374.56	6.68	6.50	-125.87	-145.95	-203.00	293.65	280.09	13.57	21.643	
2,500.00	2,483.10	2,485.15	2,473.39	6.81	6.62	-125.92	-149.27	-213.16	304.49	290.69	13.81	22.055	
2,600.00	2,582.26	2,584.56	2,572.23	6.95	6.75	-125.96	-152.59	-223.31	315.33	301.26	14.07	22.410	
2,700.00	2,681.41	2,683.97	2,671.06	7.11	6.90	-126.00	-155.91	-233.47	326.18	311.81	14.36	22.713	
2,800.00	2,780.57	2,783.38	2,769.90	7.28	7.06	-126.04	-159.23	-243.62	337.02	322.34	14.67	22.967	
2,900.00	2,879.73	2,882.79	2,868.73	7.46	7.22	-126.07	-162.55	-253.78	347.86	332.85	15.01	23.176	
3,000.00	2,978.88	2,982.20	2,967.57	7.65	7.40	-126.11	-165.87	-263.94	358.70	343.33	15.37	23.345	
3,100.00	3,078.04	3,081.61	3,066.40	7.85	7.59	-126.14	-169.19	-274.09	369.54	353.80	15.74	23.478	
3,200.00	3,177.19	3,181.02	3,165.24	8.06	7.79	-126.17	-172.51	-284.25	380.38	364.25	16.13	23.579	
3,300.00	3,276.35	3,280.43	3,264.07	8.28	7.99	-126.19	-175.83	-294.40	391.22	374.68	16.54	23.651	
3,400.00	3,375.50	3,379.84	3,362.91	8.51	8.21	-126.22	-179.14	-304.56	402.06	385.10	16.97	23.699	
3,500.00	3,474.66	3,479.25	3,461.74	8.74	8.43	-126.25	-182.46	-314.72	412.91	395.50	17.40	23.725	
3,600.00	3,573.82	3,578.67	3,560.57	8.98	8.65	-126.27	-185.78	-324.87	423.75	405.89	17.85	23.733	
3,700.00	3,672.97	3,678.08	3,659.41	9.23	8.89	-126.29	-189.10	-335.03	434.59	416.27	18.32	23.725	
3,800.00	3,772.13	3,777.49	3,758.24	9.48	9.12	-126.31	-192.42	-345.18	445.43	426.64	18.79	23.703	
3,900.00	3,871.28	3,876.90	3,857.08	9.74	9.37	-126.33	-195.74	-355.34	456.27	437.00	19.28	23.670	
4,000.00	3,970.44	3,976.31	3,955.91	10.00	9.62	-126.35	-199.06	-365.49	467.11	447.34	19.77	23.627	
4,100.00	4,069.60	4,075.72	4,054.75	10.27	9.87	-126.37	-202.38	-375.65	477.96	457.68	20.27	23.576	
4,200.00	4,168.75	4,175.13	4,153.58	10.54	10.12	-126.39	-205.70	-385.81	488.80	468.02	20.78	23.519	
4,300.00	4,267.91	4,274.54	4,252.42	10.81	10.38	-126.41	-209.02	-395.96	499.64	478.34	21.30	23.456	
4,400.00	4,367.06	4,373.95	4,351.25	11.09	10.65	-126.42	-212.34	-406.12	510.48	488.66	21.83	23.388	
4,500.00	4,466.22	4,473.36	4,450.09	11.37	10.92	-126.44	-215.66	-416.27	521.33	498.97	22.36	23.317	
4,600.00	4,565.37	4,572.77	4,548.92	11.65	11.19	-126.45	-218.98	-426.43	532.17	509.27	22.90	23.243	
4,700.00	4,664.53	4,672.18	4,647.75	11.94	11.46	-126.47	-222.30	-436.59	543.01	519.57	23.44	23.168	
4,800.00	4,763.69	4,771.59	4,746.59	12.23	11.73	-126.48	-225.62	-446.74	553.85	529.87	23.99	23.090	
4,900.00	4,862.84	4,871.00	4,845.42	12.52	12.01	-126.50	-228.94	-456.90	564.69	540.15	24.54	23.012	
5,000.00	4,962.00	4,970.41	4,944.26	12.81	12.29	-126.51	-232.26	-467.05	575.54	550.44	25.10	22.932	
5,100.00	5,061.15	5,069.82	5,043.09	13.11	12.57	-126.52	-235.58	-477.21	586.38	560.72	25.66	22.853	
5,200.00	5,160.31	5,169.23	5,141.93	13.40	12.86	-126.53	-238.89	-487.36	597.22	571.00	26.22	22.773	
5,300.00	5,259.47	5,268.64	5,240.76	13.70	13.14	-126.54	-242.21	-497.52	608.06	581.27	26.79	22.694	
5,400.00	5,358.62	5,368.05	5,339.60	14.00	13.43	-126.55	-245.53	-507.68	618.91	591.54	27.37	22.615	
5,500.00	5,457.78	5,467.46	5,438.43	14.31	13.72	-126.57	-248.85	-517.83	629.75	601.81	27.94	22.537	
5,600.00	5,556.93	5,566.87	5,537.27	14.61	14.01	-126.58	-252.17	-527.99	640.59	612.07	28.52	22.460	
5,700.00	5,656.09	5,666.28	5,636.10	14.92	14.30	-126.59	-255.49	-538.14	651.43	622.33	29.10	22.383	
5,800.00	5,755.24	5,765.69	5,734.94	15.22	14.60	-126.60	-258.81	-548.30	662.28	632.59	29.69	22.308	
5,900.00	5,854.40	5,865.10	5,833.77	15.53	14.89	-126.60	-262.13	-558.45	673.12	642.84	30.28	22.233	
6,000.00	5,953.56	5,964.52	5,932.60	15.84	15.19	-126.61	-265.45	-568.61	683.96	653.10	30.86	22.160	
6,100.00	6,052.71	6,063.93	6,031.44	16.15	15.48	-126.62	-268.77	-578.77	694.80	663.35	31.46	22.088	
6,200.00	6,151.87	6,163.34	6,130.27	16.46	15.78	-126.63	-272.09	-588.92	705.65	673.60	32.05	22.017	
6,300.00	6,251.02	6,262.75	6,229.11	16.78	16.08	-126.64	-275.41	-599.08	716.49	683.84	32.65	21.947	
6,400.00	6,350.18	6,362.16	6,327.94	17.09	16.38	-126.65	-278.73	-609.23	727.33	694.09	33.24	21.879	

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	6,449.03	6,461.49	6,426.70	17.41	16.68	-112.46	-282.04	-619.38	738.22	704.37	33.85	21.807		
6,600.00	6,545.03	6,559.42	6,524.06	17.84	16.98	-103.52	-285.31	-629.39	749.48	714.93	34.55	21.692		
6,700.00	6,635.69	6,657.52	6,621.47	18.41	17.29	-101.08	-288.59	-640.47	761.76	726.39	35.37	21.535		
6,800.00	6,718.78	6,765.78	6,726.29	19.14	17.73	-100.68	-292.18	-666.75	774.82	738.33	36.49	21.234		
6,900.00	6,792.26	6,881.67	6,831.83	20.06	18.38	-100.99	-295.90	-714.10	787.97	749.97	38.00	20.737		
7,000.00	6,854.31	7,006.09	6,933.56	21.22	19.31	-101.61	-299.59	-785.29	800.51	760.49	40.02	20.003		
7,100.00	6,903.40	7,139.46	7,025.02	22.66	20.67	-102.32	-303.07	-881.95	811.62	768.90	42.72	18.998		
7,200.00	6,938.33	7,281.28	7,097.97	24.35	22.61	-102.96	-306.05	-1,003.20	820.44	774.19	46.26	17.737		
7,300.00	6,958.23	7,429.80	7,143.68	26.27	25.20	-103.37	-308.21	-1,144.14	826.19	775.53	50.66	16.309		
7,400.00	6,962.97	7,573.08	7,155.97	28.34	28.09	-103.47	-309.28	-1,286.60	828.33	772.79	55.54	14.913		
7,500.00	6,962.81	7,673.07	7,155.82	30.55	30.29	-103.46	-309.74	-1,386.60	829.07	769.20	59.87	13.847		
7,600.00	6,962.66	7,773.07	7,155.67	32.87	32.60	-103.45	-310.19	-1,486.59	829.81	765.39	64.42	12.880		
7,700.00	6,962.51	7,873.07	7,155.52	35.30	35.01	-103.44	-310.65	-1,586.59	830.55	761.39	69.16	12.009		
7,800.00	6,962.35	7,973.07	7,155.36	37.80	37.50	-103.43	-311.11	-1,686.58	831.29	757.24	74.05	11.226		
7,900.00	6,962.20	8,073.06	7,155.21	40.36	40.06	-103.41	-311.57	-1,786.58	832.03	752.97	79.06	10.524		
8,000.00	6,962.05	8,173.06	7,155.06	42.98	42.67	-103.40	-312.02	-1,886.58	832.77	748.60	84.18	9.893		
8,100.00	6,961.90	8,273.06	7,154.91	45.64	45.32	-103.39	-312.48	-1,986.57	833.51	744.14	89.37	9.327		
8,200.00	6,961.74	8,373.05	7,154.75	48.33	48.01	-103.38	-312.94	-2,086.57	834.26	739.62	94.64	8.815		
8,300.00	6,961.59	8,473.05	7,154.60	51.05	50.73	-103.36	-313.40	-2,186.56	835.00	735.04	99.96	8.353		
8,400.00	6,961.44	8,573.05	7,154.45	53.80	53.48	-103.35	-313.85	-2,286.56	835.74	730.40	105.33	7.934		
8,500.00	6,961.29	8,673.05	7,154.29	56.58	56.24	-103.34	-314.31	-2,386.56	836.48	725.73	110.75	7.553		
8,600.00	6,961.13	8,773.04	7,154.14	59.37	59.03	-103.33	-314.77	-2,486.55	837.22	721.02	116.20	7.205		
8,700.00	6,960.98	8,873.04	7,153.99	62.17	61.83	-103.32	-315.23	-2,586.55	837.96	716.27	121.69	6.886		
8,800.00	6,960.83	8,973.04	7,153.84	64.99	64.65	-103.30	-315.68	-2,686.54	838.70	711.50	127.20	6.594		
8,900.00	6,960.68	9,073.03	7,153.68	67.83	67.48	-103.29	-316.14	-2,786.54	839.44	706.70	132.73	6.324		
9,000.00	6,960.52	9,173.03	7,153.53	70.67	70.32	-103.28	-316.60	-2,886.54	840.18	701.89	138.29	6.075		
9,100.00	6,960.37	9,273.03	7,153.38	73.52	73.17	-103.27	-317.06	-2,986.53	840.92	697.05	143.87	5.845		
9,200.00	6,960.22	9,373.03	7,153.23	76.39	76.03	-103.26	-317.51	-3,086.53	841.66	692.20	149.46	5.631		
9,300.00	6,960.06	9,473.02	7,153.07	79.26	78.90	-103.24	-317.97	-3,186.52	842.40	687.33	155.07	5.432		
9,400.00	6,959.91	9,573.02	7,152.92	82.13	81.77	-103.23	-318.43	-3,286.52	843.14	682.45	160.69	5.247		
9,500.00	6,959.76	9,673.02	7,152.77	85.01	84.65	-103.22	-318.89	-3,386.52	843.88	677.56	166.33	5.074		
9,600.00	6,959.61	9,773.01	7,152.62	87.90	87.54	-103.21	-319.34	-3,486.51	844.62	672.65	171.97	4.911		
9,700.00	6,959.45	9,873.01	7,152.46	90.79	90.43	-103.20	-319.80	-3,586.51	845.36	667.74	177.63	4.759		
9,800.00	6,959.30	9,973.01	7,152.31	93.69	93.32	-103.19	-320.26	-3,686.50	846.11	662.81	183.29	4.616		
9,900.00	6,959.15	10,073.01	7,152.16	96.59	96.22	-103.17	-320.72	-3,786.50	846.85	657.88	188.97	4.481		
10,000.00	6,959.00	10,173.00	7,152.00	99.50	99.12	-103.16	-321.17	-3,886.50	847.59	652.94	194.65	4.354		
10,100.00	6,958.84	10,273.00	7,151.85	102.41	102.03	-103.15	-321.63	-3,986.49	848.33	647.99	200.34	4.235		
10,200.00	6,958.69	10,373.00	7,151.70	105.32	104.94	-103.14	-322.09	-4,086.49	849.07	643.04	206.03	4.121		
10,300.00	6,958.54	10,472.99	7,151.55	108.23	107.85	-103.13	-322.55	-4,186.48	849.81	638.08	211.73	4.014		
10,400.00	6,958.39	10,572.99	7,151.39	111.15	110.77	-103.12	-323.00	-4,286.48	850.55	633.11	217.44	3.912		
10,500.00	6,958.23	10,672.99	7,151.24	114.07	113.68	-103.10	-323.46	-4,386.48	851.29	628.14	223.15	3.815		
10,600.00	6,958.08	10,772.98	7,151.09	116.99	116.60	-103.09	-323.92	-4,486.47	852.03	623.17	228.87	3.723		
10,700.00	6,957.93	10,872.98	7,150.94	119.91	119.52	-103.08	-324.38	-4,586.47	852.78	618.19	234.59	3.635		
10,800.00	6,957.77	10,972.98	7,150.78	122.84	122.45	-103.07	-324.83	-4,686.46	853.52	613.21	240.31	3.552		
10,900.00	6,957.62	11,072.98	7,150.63	125.77	125.37	-103.06	-325.29	-4,786.46	854.26	608.22	246.04	3.472		
11,000.00	6,957.47	11,172.97	7,150.48	128.70	128.30	-103.05	-325.75	-4,886.46	855.00	603.23	251.77	3.396		
11,100.00	6,957.32	11,272.97	7,150.32	131.63	131.23	-103.03	-326.21	-4,986.45	855.74	598.23	257.51	3.323		
11,200.00	6,957.16	11,372.97	7,150.17	134.56	134.16	-103.02	-326.66	-5,086.45	856.48	593.23	263.25	3.254		
11,300.00	6,957.01	11,472.96	7,150.02	137.49	137.09	-103.01	-327.12	-5,186.44	857.22	588.23	268.99	3.187		
11,400.00	6,956.86	11,572.96	7,149.87	140.43	140.02	-103.00	-327.58	-5,286.44	857.97	583.23	274.74	3.123		
11,500.00	6,956.71	11,672.96	7,149.71	143.36	142.96	-102.99	-328.04	-5,386.43	858.71	578.22	280.49	3.062		
11,600.00	6,956.55	11,772.96	7,149.56	146.30	145.89	-102.98	-328.49	-5,486.43	859.45	573.21	286.24	3.003		
11,700.00	6,956.40	11,872.95	7,149.41	149.24	148.83	-102.97	-328.95	-5,586.43	860.19	568.20	291.99	2.946		
11,800.00	6,956.25	11,972.95	7,149.26	152.18	151.76	-102.95	-329.41	-5,686.42	860.93	563.19	297.75	2.891		
11,900.00	6,956.10	12,072.95	7,149.10	155.12	154.70	-102.94	-329.87	-5,786.42	861.67	558.17	303.50	2.839		
12,000.00	6,955.94	12,172.94	7,148.95	158.06	157.64	-102.93	-330.33	-5,886.41	862.42	553.15	309.26	2.789		
12,100.00	6,955.79	12,272.94	7,148.80	161.00	160.58	-102.92	-330.78	-5,986.41	863.16	548.13	315.03	2.740		
12,200.00	6,955.64	12,372.94	7,148.65	163.95	163.52	-102.91	-331.24	-6,086.41	863.90	543.11	320.79	2.693		
12,300.00	6,955.48	12,472.94	7,148.49	166.89	166.46	-102.90	-331.70	-6,186.40	864.64	538.08	326.56	2.648		
12,400.00	6,955.33	12,572.93	7,148.34	169.83	169.40	-102.89	-332.16	-6,286.40	865.38	533.06	332.33	2.604		
12,500.00	6,955.18	12,672.93	7,148.19	172.78	172.35	-102.88	-332.61	-6,386.39	866.12	528.03	338.10	2.562		
12,600.00	6,955.03	12,772.93	7,148.03	175.72	175.29	-102.86	-333.07	-6,486.39	866.87	523.00	343.87	2.521		
12,700.00	6,954.87	12,872.92	7,147.88	178.67	178.23	-102.85	-333.53	-6,586.39	867.61	517.97	349.64	2.481		
12,800.00	6,954.72	12,972.92	7,147.73	181.62	181.18	-102.84	-333.99	-6,686.38	868.35	512.93	355.42	2.443		
12,900.00	6,954.57	13,072.92	7,147.58	184.56	184.12	-102.83	-334.44	-6,786.38	869.09	507.90	361.19	2.406		
13,000.00	6,954.42	13,172.92	7,147.42	187.51	187.07	-102.82	-334.90	-6,886.37	869.83	502.86	366.97	2.370		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	6,954.26	13,272.91	7,147.27	190.46	190.01	-102.81	-335.36	-6,986.37	870.58	497.83	372.75	2.336	
13,200.00	6,954.11	13,372.91	7,147.12	193.41	192.96	-102.80	-335.82	-7,086.37	871.32	492.79	378.53	2.302	
13,300.00	6,953.96	13,472.91	7,146.97	196.36	195.91	-102.79	-336.27	-7,186.36	872.06	487.75	384.31	2.269	
13,400.00	6,953.81	13,572.90	7,146.81	199.31	198.86	-102.78	-336.73	-7,286.36	872.80	482.71	390.09	2.237	
13,500.00	6,953.65	13,672.90	7,146.66	202.26	201.80	-102.76	-337.19	-7,386.35	873.54	477.67	395.88	2.207	
13,600.00	6,953.50	13,772.90	7,146.51	205.21	204.75	-102.75	-337.65	-7,486.35	874.29	472.62	401.66	2.177	
13,700.00	6,953.35	13,872.90	7,146.35	208.16	207.70	-102.74	-338.10	-7,586.35	875.03	467.58	407.45	2.148	
13,800.00	6,953.19	13,972.89	7,146.20	211.11	210.65	-102.73	-338.56	-7,686.34	875.77	462.53	413.24	2.119	
13,900.00	6,953.04	14,072.89	7,146.05	214.06	213.60	-102.72	-339.02	-7,786.34	876.51	457.49	419.03	2.092	
14,000.00	6,952.89	14,172.89	7,145.90	217.02	216.55	-102.71	-339.48	-7,886.33	877.26	452.44	424.82	2.065	
14,100.00	6,952.74	14,272.88	7,145.74	219.97	219.50	-102.70	-339.93	-7,986.33	878.00	447.39	430.61	2.039	
14,200.00	6,952.58	14,372.88	7,145.59	222.92	222.45	-102.69	-340.39	-8,086.33	878.74	442.34	436.40	2.014	
14,300.00	6,952.43	14,472.88	7,145.44	225.87	225.40	-102.68	-340.85	-8,186.32	879.48	437.29	442.19	1.989	
14,400.00	6,952.28	14,572.87	7,145.29	228.83	228.35	-102.67	-341.31	-8,286.32	880.23	432.24	447.99	1.965	
14,500.00	6,952.13	14,672.87	7,145.13	231.78	231.30	-102.65	-341.76	-8,386.31	880.97	427.19	453.78	1.941	
14,600.00	6,951.97	14,772.87	7,144.98	234.74	234.25	-102.64	-342.22	-8,486.31	881.71	422.13	459.58	1.919	
14,700.00	6,951.82	14,872.87	7,144.83	237.69	237.21	-102.63	-342.68	-8,586.30	882.45	417.08	465.38	1.896	
14,800.00	6,951.67	14,972.86	7,144.67	240.64	240.16	-102.62	-343.14	-8,686.30	883.20	412.02	471.17	1.874	
14,900.00	6,951.52	15,072.86	7,144.52	243.60	243.11	-102.61	-343.59	-8,786.30	883.94	406.97	476.97	1.853	
15,000.00	6,951.36	15,172.86	7,144.37	246.55	246.06	-102.60	-344.05	-8,886.29	884.68	401.91	482.77	1.833	
15,100.00	6,951.21	15,272.85	7,144.22	249.51	249.01	-102.59	-344.51	-8,986.29	885.42	396.85	488.57	1.812	
15,200.00	6,951.06	15,372.85	7,144.06	252.46	251.97	-102.58	-344.97	-9,086.28	886.17	391.79	494.37	1.793	
15,300.00	6,950.90	15,472.85	7,143.91	255.42	254.92	-102.57	-345.42	-9,186.28	886.91	386.74	500.17	1.773	
15,400.00	6,950.75	15,572.85	7,143.76	258.38	257.87	-102.56	-345.88	-9,286.28	887.65	381.68	505.98	1.754	
15,500.00	6,950.60	15,672.84	7,143.61	261.33	260.83	-102.55	-346.34	-9,386.27	888.40	376.61	511.78	1.736	
15,600.00	6,950.45	15,772.84	7,143.45	264.29	263.78	-102.54	-346.80	-9,486.27	889.14	371.55	517.58	1.718	
15,700.00	6,950.29	15,872.84	7,143.30	267.24	266.74	-102.53	-347.25	-9,586.26	889.88	366.49	523.39	1.700	
15,800.00	6,950.14	15,972.83	7,143.15	270.20	269.69	-102.52	-347.71	-9,686.26	890.62	361.43	529.19	1.683	
15,900.00	6,949.99	16,072.83	7,143.00	273.16	272.64	-102.50	-348.17	-9,786.26	891.37	356.37	535.00	1.666	
16,000.00	6,949.84	16,172.83	7,142.84	276.11	275.60	-102.49	-348.63	-9,886.25	892.11	351.30	540.81	1.650	
16,100.00	6,949.68	16,272.83	7,142.69	279.07	278.55	-102.48	-349.08	-9,986.25	892.85	346.24	546.62	1.633	
16,200.00	6,949.53	16,372.82	7,142.54	282.03	281.51	-102.47	-349.54	-10,086.24	893.60	341.17	552.42	1.618	
16,300.00	6,949.38	16,472.82	7,142.38	284.98	284.46	-102.46	-350.00	-10,186.24	894.34	336.11	558.23	1.602	
16,400.00	6,949.23	16,572.82	7,142.23	287.94	287.42	-102.45	-350.46	-10,286.24	895.08	331.04	564.04	1.587	
16,500.00	6,949.07	16,672.81	7,142.08	290.90	290.37	-102.44	-350.91	-10,386.23	895.83	325.97	569.85	1.572	
16,600.00	6,948.92	16,772.81	7,141.93	293.86	293.33	-102.43	-351.37	-10,486.23	896.57	320.91	575.66	1.557	
16,700.00	6,948.77	16,872.81	7,141.77	296.81	296.28	-102.42	-351.83	-10,586.22	897.31	315.84	581.47	1.543	
16,800.00	6,948.62	16,972.81	7,141.62	299.77	299.24	-102.41	-352.29	-10,686.22	898.06	310.77	587.29	1.529	
16,900.00	6,948.46	17,072.80	7,141.47	302.73	302.19	-102.40	-352.75	-10,786.22	898.80	305.70	593.10	1.515	
17,000.00	6,948.31	17,172.80	7,141.32	305.69	305.15	-102.39	-353.20	-10,886.21	899.54	300.63	598.91	1.502	
17,100.00	6,948.16	17,272.80	7,141.16	308.65	308.11	-102.38	-353.66	-10,986.21	900.29	295.56	604.73	1.489	Level 3
17,200.00	6,948.00	17,372.79	7,141.01	311.61	311.06	-102.37	-354.12	-11,086.20	901.03	290.49	610.54	1.476	Level 3
17,202.77	6,948.00	17,375.56	7,141.01	311.69	311.14	-102.37	-354.13	-11,088.97	901.05	290.35	610.70	1.475	Level 3, 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	-179.47	-59.74	-0.56	59.75				
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-59.74	-0.56	59.75	52.22	7.53	7.938	
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-59.74	-0.56	59.75	52.18	7.57	7.894	
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-59.74	-0.56	59.75	52.18	7.57	7.894	CC
300.00	300.00	299.95	299.95	3.35	3.34	-124.79	-59.76	-0.99	60.02	52.36	7.65	7.842	
400.00	399.93	399.82	399.75	3.41	3.40	-124.18	-59.88	-4.47	62.17	54.39	7.78	7.995	
500.00	499.68	499.58	499.26	3.50	3.49	-123.09	-60.12	-11.41	66.49	58.54	7.95	8.365	
600.00	599.13	600.74	598.43	3.61	3.60	-121.99	-60.47	-21.43	72.96	64.78	8.17	8.925	
700.00	698.30	701.05	697.57	3.75	3.74	-122.27	-60.84	-31.93	80.77	72.32	8.45	9.557	
800.00	797.45	801.36	796.71	3.92	3.90	-122.57	-61.21	-42.43	88.64	79.87	8.77	10.106	
900.00	896.61	901.67	895.84	4.10	4.07	-122.82	-61.57	-52.93	96.51	87.38	9.13	10.571	
1,000.00	995.76	1,001.98	994.97	4.31	4.27	-123.03	-61.94	-63.43	104.38	94.85	9.52	10.961	
1,100.00	1,094.92	1,102.29	1,094.11	4.53	4.48	-123.22	-62.31	-73.93	112.25	102.30	9.94	11.287	
1,200.00	1,194.08	1,202.60	1,193.24	4.76	4.70	-123.38	-62.67	-84.43	120.12	109.73	10.39	11.558	
1,300.00	1,293.23	1,302.92	1,292.38	5.01	4.93	-123.52	-63.04	-94.93	127.99	117.13	10.86	11.782	
1,400.00	1,392.39	1,403.23	1,391.51	5.26	5.18	-123.64	-63.41	-105.43	135.86	124.51	11.35	11.967	
1,500.00	1,491.54	1,503.54	1,490.64	5.53	5.43	-123.75	-63.77	-115.93	143.74	131.88	11.86	12.120	
1,600.00	1,590.70	1,603.85	1,589.78	5.80	5.69	-123.85	-64.14	-126.43	151.61	139.23	12.38	12.246	
1,700.00	1,689.86	1,704.16	1,688.91	6.08	5.95	-123.94	-64.51	-136.93	159.49	146.58	12.91	12.355	
1,800.00	1,789.01	1,804.47	1,788.05	6.23	6.08	-124.02	-64.87	-147.43	167.36	154.55	12.81	13.065	
1,900.00	1,888.17	1,904.78	1,887.18	6.26	6.11	-124.09	-65.24	-157.93	175.23	162.37	12.86	13.622	
2,000.00	1,987.32	2,005.09	1,986.31	6.31	6.15	-124.16	-65.61	-168.44	183.11	170.16	12.95	14.137	
2,100.00	2,086.48	2,105.40	2,085.45	6.38	6.21	-124.22	-65.97	-178.94	190.99	177.91	13.07	14.608	
2,200.00	2,185.63	2,205.71	2,184.58	6.46	6.29	-124.28	-66.34	-189.44	198.86	185.63	13.23	15.033	
2,300.00	2,284.79	2,306.02	2,283.72	6.56	6.38	-124.33	-66.71	-199.94	206.74	193.32	13.41	15.413	
2,400.00	2,383.95	2,406.33	2,382.85	6.68	6.49	-124.38	-67.07	-210.44	214.61	200.99	13.63	15.748	
2,500.00	2,483.10	2,506.64	2,481.98	6.81	6.61	-124.42	-67.44	-220.94	222.49	208.62	13.87	16.041	
2,600.00	2,582.26	2,606.96	2,581.12	6.95	6.74	-124.47	-67.81	-231.44	230.37	216.23	14.14	16.292	
2,700.00	2,681.41	2,707.27	2,680.25	7.11	6.89	-124.50	-68.17	-241.94	238.24	223.81	14.43	16.505	
2,800.00	2,780.57	2,807.58	2,779.39	7.28	7.05	-124.54	-68.54	-252.44	246.12	231.37	14.75	16.683	
2,900.00	2,879.73	2,907.89	2,878.52	7.46	7.22	-124.58	-68.91	-262.94	254.00	238.90	15.09	16.828	
3,000.00	2,978.88	3,008.20	2,977.65	7.65	7.40	-124.61	-69.27	-273.44	261.87	246.42	15.45	16.945	
3,100.00	3,078.04	3,108.51	3,076.79	7.85	7.59	-124.64	-69.64	-283.94	269.75	253.91	15.83	17.036	
3,200.00	3,177.19	3,208.82	3,175.92	8.06	7.78	-124.67	-70.01	-294.44	277.63	261.39	16.23	17.104	
3,300.00	3,276.35	3,309.13	3,275.06	8.28	7.99	-124.69	-70.37	-304.94	285.50	268.86	16.65	17.152	
3,400.00	3,375.50	3,409.44	3,374.19	8.51	8.20	-124.72	-70.74	-315.44	293.38	276.30	17.08	17.182	
3,500.00	3,474.66	3,509.75	3,473.32	8.74	8.42	-124.74	-71.11	-325.94	301.26	283.74	17.52	17.197	
3,600.00	3,573.82	3,589.94	3,572.46	8.98	8.60	-124.77	-71.47	-336.44	309.13	291.21	17.93	17.243	
3,700.00	3,672.97	3,689.63	3,671.59	9.23	8.83	-124.79	-71.84	-346.94	317.01	298.62	18.39	17.235	
3,800.00	3,772.13	3,789.32	3,770.73	9.48	9.07	-124.81	-72.21	-357.44	324.89	306.02	18.87	17.217	
3,900.00	3,871.28	3,889.00	3,869.86	9.74	9.31	-124.83	-72.57	-367.94	332.76	313.41	19.36	17.191	
4,000.00	3,970.44	3,988.69	3,968.99	10.00	9.55	-124.85	-72.94	-378.44	340.64	320.79	19.85	17.158	
4,100.00	4,069.60	4,088.38	4,068.13	10.27	9.80	-124.87	-73.31	-388.95	348.52	328.16	20.36	17.120	
4,200.00	4,168.75	4,188.07	4,167.26	10.54	10.06	-124.88	-73.67	-399.45	356.40	335.53	20.87	17.077	
4,300.00	4,267.91	4,287.76	4,266.39	10.81	10.31	-124.90	-74.04	-409.95	364.27	342.88	21.39	17.029	
4,400.00	4,367.06	4,387.45	4,365.53	11.09	10.57	-124.92	-74.41	-420.45	372.15	350.23	21.92	16.979	
4,500.00	4,466.22	4,487.14	4,464.66	11.37	10.84	-124.93	-74.77	-430.95	380.03	357.58	22.45	16.926	
4,600.00	4,565.37	4,586.83	4,563.80	11.65	11.10	-124.95	-75.14	-441.45	387.91	364.91	22.99	16.872	
4,700.00	4,664.53	4,686.52	4,662.93	11.94	11.37	-124.96	-75.51	-451.95	395.78	372.25	23.54	16.816	
4,800.00	4,763.69	4,786.21	4,762.06	12.23	11.65	-124.97	-75.87	-462.45	403.66	379.57	24.09	16.759	
4,900.00	4,862.84	4,885.90	4,861.20	12.52	11.92	-124.99	-76.24	-472.95	411.54	386.90	24.64	16.701	
5,000.00	4,962.00	4,985.59	4,960.33	12.81	12.20	-125.00	-76.61	-483.45	419.42	394.21	25.20	16.642	
5,100.00	5,061.15	5,085.27	5,059.47	13.11	12.48	-125.01	-76.97	-493.95	427.29	401.53	25.77	16.584	
5,200.00	5,160.31	5,184.96	5,158.60	13.40	12.76	-125.02	-77.34	-504.45	435.17	408.84	26.33	16.525	
5,300.00	5,259.47	5,284.65	5,257.73	13.70	13.04	-125.03	-77.71	-514.95	443.05	416.14	26.90	16.467	
5,400.00	5,358.62	5,384.34	5,356.87	14.00	13.32	-125.05	-78.07	-525.45	450.93	423.45	27.48	16.410	
5,500.00	5,457.78	5,484.03	5,456.00	14.31	13.61	-125.06	-78.44	-535.95	458.80	430.75	28.06	16.352	
5,600.00	5,556.93	5,583.72	5,555.14	14.61	13.90	-125.07	-78.81	-546.45	466.68	438.04	28.64	16.296	
5,700.00	5,656.09	5,683.41	5,654.27	14.92	14.19	-125.08	-79.17	-556.95	474.56	445.34	29.22	16.239	
5,800.00	5,755.24	5,783.10	5,753.40	15.22	14.48	-125.09	-79.54	-567.45	482.44	452.63	29.81	16.184	
5,900.00	5,854.40	5,882.79	5,852.54	15.53	14.77	-125.09	-79.91	-577.95	490.31	459.92	30.40	16.130	
6,000.00	5,953.56	5,982.48	5,951.67	15.84	15.06	-125.10	-80.27	-588.45	498.19	467.20	30.99	16.076	
6,100.00	6,052.71	6,082.17	6,050.81	16.15	15.35	-125.11	-80.64	-598.95	506.07	474.49	31.58	16.023	
6,200.00	6,151.87	6,181.86	6,149.94	16.46	15.65	-125.12	-81.01	-609.46	513.95	481.77	32.18	15.971	
6,300.00	6,251.02	6,281.55	6,249.07	16.78	15.94	-125.13	-81.37	-619.96	521.83	489.05	32.78	15.921	
6,400.00	6,350.18	6,381.23	6,348.21	17.09	16.24	-125.14	-81.74	-630.46	529.70	496.33	33.38	15.871	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,449.03	6,480.65	6,446.77	17.41	16.56	-110.92	-82.12	-643.19	537.58	503.57	34.01	15.806	
6,600.00	6,545.03	6,579.87	6,542.35	17.84	16.99	-101.09	-82.57	-669.45	545.35	510.49	34.86	15.644	
6,700.00	6,635.69	6,679.16	6,632.75	18.41	17.55	-96.85	-83.08	-710.26	552.83	516.85	35.99	15.362	
6,800.00	6,718.78	6,778.55	6,715.79	19.14	18.29	-94.41	-83.65	-764.68	559.85	522.40	37.45	14.950	
6,900.00	6,792.26	6,878.06	6,789.45	20.06	19.23	-92.81	-84.27	-831.45	566.21	526.89	39.32	14.400	
7,000.00	6,854.31	6,977.73	6,851.90	21.22	20.41	-91.68	-84.91	-908.99	571.78	530.09	41.69	13.714	
7,100.00	6,903.40	7,077.55	6,901.56	22.66	21.87	-90.90	-85.56	-995.46	576.41	531.79	44.62	12.919	
7,200.00	6,938.33	7,177.53	6,937.16	24.35	23.60	-90.38	-86.21	-1,088.77	579.99	531.91	48.08	12.063	
7,300.00	6,958.23	7,277.66	6,957.74	26.27	25.55	-90.08	-86.84	-1,186.65	582.43	530.43	52.00	11.202	
7,400.00	6,962.97	7,377.85	6,962.98	28.34	27.66	-90.00	-87.43	-1,286.62	583.69	527.48	56.21	10.384	
7,500.00	6,962.81	7,477.85	6,962.84	30.55	29.90	-90.00	-88.01	-1,386.61	584.57	523.88	60.69	9.632	
7,600.00	6,962.66	7,577.84	6,962.71	32.87	32.25	-90.00	-88.59	-1,486.61	585.46	520.06	65.39	8.953	
7,700.00	6,962.51	7,677.84	6,962.58	35.30	34.70	-90.01	-89.17	-1,586.60	586.34	516.05	70.29	8.342	
7,800.00	6,962.35	7,777.84	6,962.45	37.80	37.22	-90.01	-89.75	-1,686.60	587.22	511.89	75.33	7.795	
7,900.00	6,962.20	7,877.83	6,962.31	40.36	39.80	-90.01	-90.32	-1,786.59	588.10	507.61	80.49	7.306	
8,000.00	6,962.05	7,977.83	6,962.18	42.98	42.43	-90.01	-90.90	-1,886.58	588.98	503.23	85.75	6.868	
8,100.00	6,961.90	8,077.82	6,962.05	45.64	45.10	-90.01	-91.48	-1,986.58	589.86	498.76	91.10	6.475	
8,200.00	6,961.74	8,177.82	6,961.92	48.33	47.81	-90.02	-92.06	-2,086.57	590.74	494.23	96.51	6.121	
8,300.00	6,961.59	8,277.82	6,961.78	51.05	50.54	-90.02	-92.64	-2,186.57	591.63	489.64	101.98	5.801	
8,400.00	6,961.44	8,377.81	6,961.65	53.80	53.30	-90.02	-93.21	-2,286.56	592.51	485.01	107.50	5.512	
8,500.00	6,961.29	8,477.81	6,961.52	56.58	56.08	-90.02	-93.79	-2,386.56	593.39	480.33	113.06	5.248	
8,600.00	6,961.13	8,577.80	6,961.39	59.37	58.88	-90.02	-94.37	-2,486.55	594.27	475.61	118.66	5.008	
8,700.00	6,960.98	8,677.80	6,961.26	62.17	61.69	-90.03	-94.95	-2,586.55	595.15	470.87	124.28	4.789	
8,800.00	6,960.83	8,777.80	6,961.12	64.99	64.52	-90.03	-95.53	-2,686.54	596.03	466.10	129.94	4.587	
8,900.00	6,960.68	8,877.79	6,960.99	67.83	67.36	-90.03	-96.10	-2,786.53	596.91	461.30	135.61	4.402	
9,000.00	6,960.52	8,977.79	6,960.86	70.67	70.20	-90.03	-96.68	-2,886.53	597.80	456.48	141.31	4.230	
9,100.00	6,960.37	9,077.78	6,960.73	73.52	73.06	-90.03	-97.26	-2,986.52	598.68	451.65	147.03	4.072	
9,200.00	6,960.22	9,177.78	6,960.59	76.39	75.93	-90.04	-97.84	-3,086.52	599.56	446.80	152.76	3.925	
9,300.00	6,960.06	9,277.78	6,960.46	79.26	78.80	-90.04	-98.42	-3,186.51	600.44	441.94	158.50	3.788	
9,400.00	6,959.91	9,377.77	6,960.33	82.13	81.68	-90.04	-98.99	-3,286.51	601.32	437.06	164.26	3.661	
9,500.00	6,959.76	9,477.77	6,960.20	85.01	84.56	-90.04	-99.57	-3,386.50	602.20	432.17	170.03	3.542	
9,600.00	6,959.61	9,577.77	6,960.06	87.90	87.45	-90.04	-100.15	-3,486.49	603.08	427.27	175.81	3.430	
9,700.00	6,959.45	9,677.76	6,959.93	90.79	90.34	-90.04	-100.73	-3,586.49	603.97	422.36	181.60	3.326	
9,800.00	6,959.30	9,777.76	6,959.80	93.69	93.24	-90.05	-101.31	-3,686.48	604.85	417.45	187.40	3.228	
9,900.00	6,959.15	9,877.75	6,959.67	96.59	96.15	-90.05	-101.88	-3,786.48	605.73	412.52	193.21	3.135	
10,000.00	6,959.00	9,977.75	6,959.54	99.50	99.05	-90.05	-102.46	-3,886.47	606.61	407.59	199.02	3.048	
10,100.00	6,958.84	10,077.75	6,959.40	102.41	101.96	-90.05	-103.04	-3,986.47	607.49	402.65	204.84	2.966	
10,200.00	6,958.69	10,177.74	6,959.27	105.32	104.87	-90.05	-103.62	-4,086.46	608.37	397.71	210.67	2.888	
10,300.00	6,958.54	10,277.74	6,959.14	108.23	107.79	-90.06	-104.20	-4,186.45	609.25	392.76	216.50	2.814	
10,400.00	6,958.39	10,377.73	6,959.01	111.15	110.70	-90.06	-104.77	-4,286.45	610.14	387.80	222.33	2.744	
10,500.00	6,958.23	10,477.73	6,958.87	114.07	113.62	-90.06	-105.35	-4,386.44	611.02	382.84	228.17	2.678	
10,600.00	6,958.08	10,577.73	6,958.74	116.99	116.54	-90.06	-105.93	-4,486.44	611.90	377.88	234.02	2.615	
10,700.00	6,957.93	10,677.72	6,958.61	119.91	119.47	-90.06	-106.51	-4,586.43	612.78	372.91	239.87	2.555	
10,800.00	6,957.77	10,777.72	6,958.48	122.84	122.39	-90.06	-107.09	-4,686.43	613.66	367.94	245.72	2.497	
10,900.00	6,957.62	10,877.71	6,958.34	125.77	125.32	-90.07	-107.66	-4,786.42	614.54	362.97	251.58	2.443	
11,000.00	6,957.47	10,977.71	6,958.21	128.70	128.25	-90.07	-108.24	-4,886.42	615.43	357.99	257.44	2.391	
11,100.00	6,957.32	11,077.71	6,958.08	131.63	131.18	-90.07	-108.82	-4,986.41	616.31	353.01	263.30	2.341	
11,200.00	6,957.16	11,177.70	6,957.95	134.56	134.11	-90.07	-109.40	-5,086.40	617.19	348.02	269.16	2.293	
11,300.00	6,957.01	11,277.70	6,957.82	137.49	137.04	-90.07	-109.98	-5,186.40	618.07	343.04	275.03	2.247	
11,400.00	6,956.86	11,377.70	6,957.68	140.43	139.98	-90.08	-110.55	-5,286.39	618.95	338.05	280.90	2.203	
11,500.00	6,956.71	11,477.69	6,957.55	143.36	142.91	-90.08	-111.13	-5,386.39	619.83	333.06	286.77	2.161	
11,600.00	6,956.55	11,577.69	6,957.42	146.30	145.85	-90.08	-111.71	-5,486.38	620.71	328.07	292.65	2.121	
11,700.00	6,956.40	11,677.68	6,957.29	149.24	148.79	-90.08	-112.29	-5,586.38	621.60	323.07	298.52	2.082	
11,800.00	6,956.25	11,777.68	6,957.15	152.18	151.72	-90.08	-112.87	-5,686.37	622.48	318.07	304.40	2.045	
11,900.00	6,956.10	11,877.68	6,957.02	155.12	154.66	-90.08	-113.44	-5,786.36	623.36	313.08	310.28	2.009	
12,000.00	6,955.94	11,977.67	6,956.89	158.06	157.60	-90.09	-114.02	-5,886.36	624.24	308.08	316.16	1.974	
12,100.00	6,955.79	12,077.67	6,956.76	161.00	160.54	-90.09	-114.60	-5,986.35	625.12	303.07	322.05	1.941	
12,200.00	6,955.64	12,177.66	6,956.62	163.95	163.48	-90.09	-115.18	-6,086.35	626.00	298.07	327.93	1.909	
12,300.00	6,955.48	12,277.66	6,956.49	166.89	166.43	-90.09	-115.76	-6,186.34	626.88	293.06	333.82	1.878	
12,400.00	6,955.33	12,377.66	6,956.36	169.83	169.37	-90.09	-116.33	-6,286.34	627.77	288.06	339.71	1.848	
12,500.00	6,955.18	12,477.65	6,956.23	172.78	172.31	-90.09	-116.91	-6,386.33	628.65	283.05	345.60	1.819	
12,600.00	6,955.03	12,577.65	6,956.10	175.72	175.26	-90.10	-117.49	-6,486.33	629.53	278.04	351.49	1.791	
12,700.00	6,954.87	12,677.64	6,955.96	178.67	178.20	-90.10	-118.07	-6,586.32	630.41	273.03	357.38	1.764	
12,800.00	6,954.72	12,777.64	6,955.83	181.62	181.15	-90.10	-118.65	-6,686.31	631.29	268.02	363.27	1.738	
12,900.00	6,954.57	12,877.64	6,955.70	184.56	184.09	-90.10	-119.22	-6,786.31	632.17	263.01	369.16	1.712	
13,000.00	6,954.42	12,977.63	6,955.57	187.51	187.04	-90.10	-119.80	-6,886.30	633.06	258.00	375.06	1.688	



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	6,954.26	13,077.63	6,955.43	190.46	189.99	-90.10	-120.38	-6,986.30	633.94	252.98	380.96	1.664	
13,200.00	6,954.11	13,177.63	6,955.30	193.41	192.93	-90.11	-120.96	-7,086.29	634.82	247.97	386.85	1.641	
13,300.00	6,953.96	13,277.62	6,955.17	196.36	195.88	-90.11	-121.53	-7,186.29	635.70	242.95	392.75	1.619	
13,400.00	6,953.81	13,377.62	6,955.04	199.31	198.83	-90.11	-122.11	-7,286.28	636.58	237.93	398.65	1.597	
13,500.00	6,953.65	13,477.61	6,954.90	202.26	201.78	-90.11	-122.69	-7,386.27	637.46	232.92	404.55	1.576	
13,600.00	6,953.50	13,577.61	6,954.77	205.21	204.72	-90.11	-123.27	-7,486.27	638.34	227.90	410.45	1.555	
13,700.00	6,953.35	13,677.61	6,954.64	208.16	207.67	-90.12	-123.85	-7,586.26	639.23	222.88	416.35	1.535	
13,800.00	6,953.19	13,777.60	6,954.51	211.11	210.62	-90.12	-124.42	-7,686.26	640.11	217.86	422.25	1.516	
13,900.00	6,953.04	13,877.60	6,954.38	214.06	213.57	-90.12	-125.00	-7,786.25	640.99	212.84	428.15	1.497 Level 3	
14,000.00	6,952.89	13,977.59	6,954.24	217.02	216.52	-90.12	-125.58	-7,886.25	641.87	207.82	434.05	1.479 Level 3	
14,100.00	6,952.74	14,077.59	6,954.11	219.97	219.47	-90.12	-126.16	-7,986.24	642.75	202.80	439.96	1.461 Level 3	
14,200.00	6,952.58	14,177.59	6,953.98	222.92	222.42	-90.12	-126.74	-8,086.23	643.63	197.77	445.86	1.444 Level 3	
14,300.00	6,952.43	14,277.58	6,953.85	225.87	225.37	-90.12	-127.31	-8,186.23	644.51	192.75	451.76	1.427 Level 3	
14,400.00	6,952.28	14,377.58	6,953.71	228.83	228.33	-90.13	-127.89	-8,286.22	645.40	187.73	457.67	1.410 Level 3	
14,500.00	6,952.13	14,477.58	6,953.58	231.78	231.28	-90.13	-128.47	-8,386.22	646.28	182.70	463.57	1.394 Level 3	
14,600.00	6,951.97	14,577.57	6,953.45	234.74	234.23	-90.13	-129.05	-8,486.21	647.16	177.68	469.48	1.378 Level 3	
14,700.00	6,951.82	14,677.57	6,953.32	237.69	237.18	-90.13	-129.63	-8,586.21	648.04	172.65	475.39	1.363 Level 3	
14,800.00	6,951.67	14,777.56	6,953.18	240.64	240.13	-90.13	-130.20	-8,686.20	648.92	167.63	481.29	1.348 Level 3	
14,900.00	6,951.52	14,877.56	6,953.05	243.60	243.09	-90.13	-130.78	-8,786.20	649.80	162.60	487.20	1.334 Level 3	
15,000.00	6,951.36	14,977.56	6,952.92	246.55	246.04	-90.14	-131.36	-8,886.19	650.69	157.58	493.11	1.320 Level 3	
15,100.00	6,951.21	15,077.55	6,952.79	249.51	248.99	-90.14	-131.94	-8,986.18	651.57	152.55	499.02	1.306 Level 3	
15,200.00	6,951.06	15,177.55	6,952.66	252.46	251.94	-90.14	-132.52	-9,086.18	652.45	147.52	504.93	1.292 Level 3	
15,300.00	6,950.90	15,277.54	6,952.52	255.42	254.90	-90.14	-133.09	-9,186.17	653.33	142.49	510.83	1.279 Level 3	
15,400.00	6,950.75	15,377.54	6,952.39	258.38	257.85	-90.14	-133.67	-9,286.17	654.21	137.47	516.74	1.266 Level 3	
15,500.00	6,950.60	15,477.54	6,952.26	261.33	260.80	-90.14	-134.25	-9,386.16	655.09	132.44	522.65	1.253 Level 3	
15,600.00	6,950.45	15,577.53	6,952.13	264.29	263.76	-90.15	-134.83	-9,486.16	655.97	127.41	528.56	1.241 Level 2	
15,700.00	6,950.29	15,677.53	6,951.99	267.24	266.71	-90.15	-135.41	-9,586.15	656.86	122.38	534.47	1.229 Level 2	
15,800.00	6,950.14	15,777.52	6,951.86	270.20	269.67	-90.15	-135.98	-9,686.14	657.74	117.35	540.39	1.217 Level 2	
15,900.00	6,949.99	15,877.52	6,951.73	273.16	272.62	-90.15	-136.56	-9,786.14	658.62	112.32	546.30	1.206 Level 2	
16,000.00	6,949.84	15,977.52	6,951.60	276.11	275.58	-90.15	-137.14	-9,886.13	659.50	107.29	552.21	1.194 Level 2	
16,100.00	6,949.68	16,077.51	6,951.46	279.07	278.53	-90.15	-137.72	-9,986.13	660.38	102.26	558.12	1.183 Level 2	
16,200.00	6,949.53	16,177.51	6,951.33	282.03	281.48	-90.16	-138.30	-10,086.12	661.26	97.23	564.03	1.172 Level 2	
16,300.00	6,949.38	16,277.51	6,951.20	284.98	284.44	-90.16	-138.87	-10,186.12	662.15	92.20	569.94	1.162 Level 2	
16,400.00	6,949.23	16,377.50	6,951.07	287.94	287.39	-90.16	-139.45	-10,286.11	663.03	87.17	575.86	1.151 Level 2	
16,500.00	6,949.07	16,477.50	6,950.94	290.90	290.35	-90.16	-140.03	-10,386.10	663.91	82.14	581.77	1.141 Level 2	
16,600.00	6,948.92	16,577.49	6,950.80	293.86	293.30	-90.16	-140.61	-10,486.10	664.79	77.11	587.68	1.131 Level 2	
16,700.00	6,948.77	16,677.49	6,950.67	296.81	296.26	-90.16	-141.19	-10,586.09	665.67	72.08	593.60	1.121 Level 2	
16,800.00	6,948.62	16,777.49	6,950.54	299.77	299.22	-90.16	-141.76	-10,686.09	666.55	67.04	599.51	1.112 Level 2	
16,900.00	6,948.46	16,877.48	6,950.41	302.73	302.17	-90.17	-142.34	-10,786.08	667.43	62.01	605.42	1.102 Level 2	
17,000.00	6,948.31	16,977.48	6,950.27	305.69	305.13	-90.17	-142.92	-10,886.08	668.32	56.98	611.34	1.093 Level 2	
17,100.00	6,948.16	17,077.47	6,950.14	308.65	308.08	-90.17	-143.50	-10,986.07	669.20	51.95	617.25	1.084 Level 2	
17,200.00	6,948.00	17,177.47	6,950.01	311.61	311.04	-90.17	-144.08	-11,086.07	670.08	46.91	623.17	1.075 Level 2	
17,202.77	6,948.00	17,180.24	6,950.01	311.69	311.12	-90.17	-144.09	-11,088.83	670.10	46.77	623.33	1.075 Level 2, ES, SF	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis				Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-39.71	-0.28	39.71					
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-39.71	-0.28	39.71	32.19	7.53	5.276		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-39.71	-0.28	39.71	32.14	7.57	5.247 CC		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-39.71	-0.28	39.71	32.14	7.57	5.247		
300.00	300.00	300.16	300.16	3.35	3.34	-124.90	-39.61	-0.70	39.86	32.21	7.65	5.208		
400.00	399.93	400.47	400.40	3.41	3.41	-124.12	-38.77	-4.12	41.06	33.28	7.78	5.279		
500.00	499.68	500.74	500.42	3.50	3.50	-122.68	-37.10	-10.93	43.47	35.52	7.95	5.467		
600.00	599.13	600.82	599.98	3.61	3.61	-121.20	-34.67	-20.80	47.17	39.00	8.18	5.769		
700.00	698.30	700.70	699.29	3.75	3.74	-121.69	-32.12	-31.19	52.06	43.61	8.45	6.159		
800.00	797.45	800.58	798.59	3.92	3.90	-122.18	-29.57	-41.58	57.01	48.23	8.77	6.497		
900.00	896.61	900.46	897.89	4.10	4.08	-122.60	-27.02	-51.97	61.95	52.82	9.13	6.784		
1,000.00	995.76	1,000.33	997.19	4.31	4.27	-122.95	-24.46	-62.36	66.90	57.37	9.53	7.023		
1,100.00	1,094.92	1,100.21	1,096.50	4.53	4.48	-123.26	-21.91	-72.75	71.85	61.90	9.95	7.223		
1,200.00	1,194.08	1,200.09	1,195.80	4.76	4.70	-123.53	-19.36	-83.14	76.80	66.41	10.40	7.388		
1,300.00	1,293.23	1,300.04	1,295.10	5.01	4.93	-123.76	-16.81	-93.54	81.75	70.89	10.87	7.524		
1,400.00	1,392.39	1,400.16	1,394.40	5.26	5.17	-123.97	-14.25	-103.93	86.71	75.35	11.35	7.636		
1,500.00	1,491.54	1,500.28	1,493.70	5.53	5.42	-124.16	-11.70	-114.32	91.66	79.80	11.86	7.728		
1,600.00	1,590.70	1,600.41	1,593.01	5.80	5.68	-124.32	-9.15	-124.71	96.62	84.24	12.38	7.804		
1,700.00	1,689.86	1,700.53	1,692.31	6.08	5.94	-124.47	-6.60	-135.10	101.58	88.67	12.91	7.867		
1,800.00	1,789.01	1,800.65	1,791.61	6.23	6.08	-124.61	-4.05	-145.49	106.54	93.72	12.82	8.312		
1,900.00	1,888.17	1,900.78	1,890.91	6.26	6.11	-124.73	-1.49	-155.88	111.49	98.63	12.87	8.664		
2,000.00	1,987.32	2,000.90	1,990.21	6.31	6.15	-124.85	1.06	-166.27	116.45	103.50	12.96	8.988		
2,100.00	2,086.48	2,101.02	2,089.52	6.38	6.21	-124.95	3.61	-176.66	121.41	108.34	13.08	9.285		
2,200.00	2,185.63	2,201.15	2,188.82	6.46	6.29	-125.05	6.16	-187.06	126.37	113.15	13.23	9.554		
2,300.00	2,284.79	2,301.27	2,288.12	6.56	6.38	-125.13	8.72	-197.45	131.33	117.92	13.41	9.793		
2,400.00	2,383.95	2,401.39	2,387.42	6.68	6.48	-125.22	11.27	-207.84	136.29	122.67	13.62	10.005		
2,500.00	2,483.10	2,501.52	2,486.72	6.81	6.60	-125.29	13.82	-218.23	141.25	127.39	13.86	10.189		
2,600.00	2,582.26	2,601.64	2,586.02	6.95	6.74	-125.36	16.37	-228.62	146.21	132.08	14.13	10.348		
2,700.00	2,681.41	2,701.76	2,685.33	7.11	6.88	-125.43	18.93	-239.01	151.18	136.75	14.42	10.482		
2,800.00	2,780.57	2,801.89	2,784.63	7.28	7.04	-125.49	21.48	-249.40	156.14	141.40	14.74	10.594		
2,900.00	2,879.73	2,902.01	2,883.93	7.46	7.21	-125.55	24.03	-259.79	161.10	146.02	15.08	10.685		
3,000.00	2,978.88	3,002.13	2,983.23	7.65	7.38	-125.61	26.58	-270.18	166.06	150.62	15.44	10.759		
3,100.00	3,078.04	3,102.26	3,082.53	7.85	7.57	-125.66	29.13	-280.58	171.02	155.21	15.81	10.815		
3,200.00	3,177.19	3,202.38	3,181.84	8.06	7.77	-125.71	31.69	-290.97	175.98	159.78	16.21	10.858		
3,300.00	3,276.35	3,302.50	3,281.14	8.28	7.97	-125.75	34.24	-301.36	180.95	164.33	16.62	10.887		
3,400.00	3,375.50	3,402.63	3,380.44	8.51	8.18	-125.80	36.79	-311.75	185.91	168.86	17.05	10.906		
3,500.00	3,474.66	3,502.75	3,479.74	8.74	8.40	-125.84	39.34	-322.14	190.87	173.38	17.49	10.915		
3,600.00	3,573.82	3,602.87	3,579.04	8.98	8.62	-125.88	41.90	-332.53	195.83	177.89	17.94	10.916		
3,700.00	3,672.97	3,703.00	3,678.35	9.23	8.85	-125.92	44.45	-342.92	200.79	182.39	18.41	10.909		
3,800.00	3,772.13	3,803.12	3,777.65	9.48	9.09	-125.95	47.00	-353.31	205.76	186.87	18.88	10.896		
3,900.00	3,871.28	3,903.24	3,876.95	9.74	9.33	-125.99	49.55	-363.70	210.72	191.35	19.37	10.879		
4,000.00	3,970.44	4,003.37	3,976.25	10.00	9.58	-126.02	52.11	-374.10	215.68	195.82	19.87	10.857		
4,100.00	4,069.60	4,103.49	4,075.55	10.27	9.83	-126.05	54.66	-384.49	220.64	200.27	20.37	10.831		
4,200.00	4,168.75	4,203.61	4,174.86	10.54	10.08	-126.08	57.21	-394.88	225.61	204.72	20.88	10.803		
4,300.00	4,267.91	4,303.74	4,274.16	10.81	10.34	-126.11	59.76	-405.27	230.57	209.17	21.40	10.772		
4,400.00	4,367.06	4,403.86	4,373.46	11.09	10.60	-126.13	62.31	-415.66	235.53	213.60	21.93	10.739		
4,500.00	4,466.22	4,503.98	4,472.76	11.37	10.86	-126.16	64.87	-426.05	240.50	218.03	22.47	10.705		
4,600.00	4,565.37	4,604.11	4,572.06	11.65	11.13	-126.19	67.42	-436.44	245.46	222.45	23.01	10.670		
4,700.00	4,664.53	4,704.23	4,671.36	11.94	11.40	-126.21	69.97	-446.83	250.42	226.87	23.55	10.633		
4,800.00	4,763.69	4,804.35	4,770.67	12.23	11.67	-126.23	72.52	-457.22	255.38	231.28	24.10	10.597		
4,900.00	4,862.84	4,904.48	4,869.97	12.52	11.95	-126.25	75.08	-467.62	260.35	235.69	24.66	10.559		
5,000.00	4,962.00	5,004.60	4,969.27	12.81	12.23	-126.28	77.63	-478.01	265.31	240.10	25.22	10.522		
5,100.00	5,061.15	5,104.72	5,068.57	13.11	12.50	-126.30	80.18	-488.40	270.27	244.49	25.78	10.484		
5,200.00	5,160.31	5,195.16	5,167.87	13.40	12.76	-126.32	82.73	-498.79	275.24	248.92	26.32	10.457		
5,300.00	5,259.47	5,304.97	5,267.18	13.70	13.07	-126.34	85.29	-509.18	280.20	253.28	26.92	10.409		
5,400.00	5,358.62	5,405.09	5,366.48	14.00	13.35	-126.35	87.84	-519.57	285.16	257.67	27.49	10.372		
5,500.00	5,457.78	5,505.22	5,465.78	14.31	13.64	-126.37	90.39	-529.96	290.13	262.06	28.07	10.335		
5,600.00	5,556.93	5,605.34	5,565.08	14.61	13.93	-126.39	92.94	-540.35	295.09	266.44	28.65	10.299		
5,700.00	5,656.09	5,705.46	5,664.38	14.92	14.22	-126.41	95.49	-550.74	300.05	270.82	29.24	10.263		
5,800.00	5,755.24	5,805.58	5,763.69	15.22	14.51	-126.42	98.05	-561.13	305.02	275.19	29.82	10.228		
5,900.00	5,854.40	5,905.71	5,862.99	15.53	14.80	-126.44	100.60	-571.53	309.98	279.57	30.41	10.193		
6,000.00	5,953.56	6,005.83	5,962.29	15.84	15.09	-126.45	103.15	-581.92	314.94	283.94	31.00	10.158		
6,100.00	6,052.71	6,105.95	6,061.59	16.15	15.39	-126.47	105.70	-592.31	319.91	288.31	31.60	10.125		
6,200.00	6,151.87	6,206.08	6,160.89	16.46	15.68	-126.48	108.26	-602.70	324.87	292.68	32.19	10.092		
6,300.00	6,251.02	6,293.80	6,260.20	16.78	15.94	-126.50	110.81	-613.09	329.83	297.08	32.75	10.070		
6,400.00	6,350.18	6,406.32	6,359.50	17.09	16.27	-126.51	113.36	-623.48	334.80	301.41	33.39	10.027		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,449.03	6,493.48	6,458.73	17.41	16.53	-112.83	115.91	-633.87	339.81	305.86	33.95	10.010	
6,600.00	6,545.03	6,594.80	6,558.45	17.84	16.89	-104.85	118.45	-651.01	345.11	310.45	34.66	9.957	
6,700.00	6,635.69	6,697.91	6,655.86	18.41	17.39	-102.36	120.85	-684.40	350.50	314.86	35.64	9.833	
6,800.00	6,718.78	6,802.70	6,748.02	19.14	18.05	-101.50	123.05	-733.97	355.81	318.85	36.96	9.626	
6,900.00	6,792.26	6,909.12	6,832.01	20.06	18.95	-101.27	124.97	-799.08	360.84	322.13	38.71	9.321	
7,000.00	6,854.31	7,017.04	6,904.94	21.22	20.11	-101.29	126.54	-878.45	365.39	324.41	40.99	8.915	
7,100.00	6,903.40	7,126.28	6,964.04	22.66	21.61	-101.39	127.69	-970.15	369.28	325.41	43.87	8.417	
7,200.00	6,938.33	7,236.57	7,006.95	24.35	23.44	-101.49	128.38	-1,071.60	372.35	324.96	47.39	7.857	
7,300.00	6,958.23	7,347.60	7,031.84	26.27	25.57	-101.54	128.58	-1,179.66	374.46	323.01	51.45	7.278	
7,400.00	6,962.97	7,456.82	7,037.96	28.34	27.86	-101.52	128.27	-1,288.59	375.54	319.70	55.85	6.725	
7,500.00	6,962.81	7,556.82	7,037.70	30.55	30.10	-101.48	127.84	-1,388.59	376.24	316.00	60.24	6.246	
7,600.00	6,962.66	7,656.82	7,037.45	32.87	32.45	-101.44	127.41	-1,488.59	376.94	312.09	64.86	5.812	
7,700.00	6,962.51	7,756.81	7,037.19	35.30	34.89	-101.41	126.98	-1,588.58	377.64	307.99	69.66	5.422	
7,800.00	6,962.35	7,856.81	7,036.94	37.80	37.40	-101.37	126.54	-1,688.58	378.34	303.74	74.61	5.071	
7,900.00	6,962.20	7,956.81	7,036.68	40.36	39.98	-101.33	126.11	-1,788.57	379.05	299.37	79.68	4.757	
8,000.00	6,962.05	8,056.81	7,036.43	42.98	42.61	-101.30	125.68	-1,888.57	379.75	294.90	84.85	4.476	
8,100.00	6,961.90	8,156.80	7,036.17	45.64	45.27	-101.26	125.25	-1,988.57	380.45	290.35	90.10	4.223	
8,200.00	6,961.74	8,256.80	7,035.92	48.33	47.98	-101.22	124.82	-2,088.56	381.15	285.73	95.42	3.994	
8,300.00	6,961.59	8,356.80	7,035.67	51.05	50.71	-101.19	124.38	-2,188.56	381.85	281.05	100.80	3.788	
8,400.00	6,961.44	8,456.79	7,035.41	53.80	53.47	-101.15	123.95	-2,288.55	382.55	276.32	106.23	3.601	
8,500.00	6,961.29	8,556.79	7,035.16	56.58	56.24	-101.11	123.52	-2,388.55	383.25	271.55	111.70	3.431	
8,600.00	6,961.13	8,656.79	7,034.90	59.37	59.04	-101.08	123.09	-2,488.55	383.96	266.74	117.21	3.276	
8,700.00	6,960.98	8,756.79	7,034.65	62.17	61.85	-101.04	122.66	-2,588.54	384.66	261.90	122.75	3.134	
8,800.00	6,960.83	8,856.78	7,034.39	64.99	64.67	-101.00	122.23	-2,688.54	385.36	257.04	128.32	3.003	
8,900.00	6,960.68	8,956.78	7,034.14	67.83	67.51	-100.97	121.79	-2,788.53	386.06	252.15	133.92	2.883	
9,000.00	6,960.52	9,056.78	7,033.88	70.67	70.36	-100.93	121.36	-2,888.53	386.77	247.24	139.53	2.772	
9,100.00	6,960.37	9,156.78	7,033.63	73.52	73.21	-100.90	120.93	-2,988.53	387.47	242.30	145.17	2.669	
9,200.00	6,960.22	9,256.77	7,033.37	76.39	76.07	-100.86	120.50	-3,088.52	388.17	237.36	150.82	2.574	
9,300.00	6,960.06	9,356.77	7,033.12	79.26	78.95	-100.83	120.07	-3,188.52	388.88	232.39	156.48	2.485	
9,400.00	6,959.91	9,456.77	7,032.87	82.13	81.82	-100.79	119.63	-3,288.51	389.58	227.41	162.17	2.402	
9,500.00	6,959.76	9,556.76	7,032.61	85.01	84.71	-100.76	119.20	-3,388.51	390.28	222.42	167.86	2.325	
9,600.00	6,959.61	9,656.76	7,032.36	87.90	87.60	-100.72	118.77	-3,488.51	390.99	217.42	173.56	2.253	
9,700.00	6,959.45	9,756.76	7,032.10	90.79	90.49	-100.69	118.34	-3,588.50	391.69	212.41	179.28	2.185	
9,800.00	6,959.30	9,856.76	7,031.85	93.69	93.39	-100.65	117.91	-3,688.50	392.39	207.39	185.00	2.121	
9,900.00	6,959.15	9,956.75	7,031.59	96.59	96.29	-100.62	117.47	-3,788.49	393.10	202.36	190.74	2.061	
10,000.00	6,959.00	10,056.75	7,031.34	99.50	99.19	-100.59	117.04	-3,888.49	393.80	197.32	196.48	2.004	
10,100.00	6,958.84	10,156.75	7,031.08	102.41	102.10	-100.55	116.61	-3,988.49	394.51	192.27	202.23	1.951	
10,200.00	6,958.69	10,256.74	7,030.83	105.32	105.01	-100.52	116.18	-4,088.48	395.21	187.22	207.99	1.900	
10,300.00	6,958.54	10,356.74	7,030.57	108.23	107.93	-100.48	115.75	-4,188.48	395.91	182.16	213.75	1.852	
10,400.00	6,958.39	10,456.74	7,030.32	111.15	110.84	-100.45	115.31	-4,288.47	396.62	177.10	219.52	1.807	
10,500.00	6,958.23	10,556.74	7,030.07	114.07	113.76	-100.42	114.88	-4,388.47	397.32	172.03	225.29	1.764	
10,600.00	6,958.08	10,656.73	7,029.81	116.99	116.68	-100.38	114.45	-4,488.47	398.03	166.95	231.07	1.723	
10,700.00	6,957.93	10,756.73	7,029.56	119.91	119.61	-100.35	114.02	-4,588.46	398.73	161.87	236.86	1.683	
10,800.00	6,957.77	10,856.73	7,029.30	122.84	122.53	-100.32	113.59	-4,688.46	399.44	156.79	242.65	1.646	
10,900.00	6,957.62	10,956.73	7,029.05	125.77	125.46	-100.28	113.15	-4,788.45	400.14	151.70	248.44	1.611	
11,000.00	6,957.47	11,056.72	7,028.79	128.70	128.39	-100.25	112.72	-4,888.45	400.85	146.61	254.24	1.577	
11,100.00	6,957.32	11,156.72	7,028.54	131.63	131.32	-100.22	112.29	-4,988.45	401.56	141.51	260.04	1.544	
11,200.00	6,957.16	11,256.72	7,028.28	134.56	134.25	-100.18	111.86	-5,088.44	402.26	136.41	265.85	1.513	
11,300.00	6,957.01	11,356.71	7,028.03	137.49	137.18	-100.15	111.43	-5,188.44	402.97	131.31	271.66	1.483 Level 3	
11,400.00	6,956.86	11,456.71	7,027.77	140.43	140.11	-100.12	111.00	-5,288.43	403.67	126.20	277.47	1.455 Level 3	
11,500.00	6,956.71	11,556.71	7,027.52	143.36	143.05	-100.09	110.56	-5,388.43	404.38	121.09	283.29	1.427 Level 3	
11,600.00	6,956.55	11,656.71	7,027.27	146.30	145.99	-100.05	110.13	-5,488.43	405.09	115.98	289.11	1.401 Level 3	
11,700.00	6,956.40	11,756.70	7,027.01	149.24	148.92	-100.02	109.70	-5,588.42	405.79	110.86	294.93	1.376 Level 3	
11,800.00	6,956.25	11,856.70	7,026.76	152.18	151.86	-99.99	109.27	-5,688.42	406.50	105.74	300.75	1.352 Level 3	
11,900.00	6,956.10	11,956.70	7,026.50	155.12	154.80	-99.96	108.84	-5,788.41	407.20	100.62	306.58	1.328 Level 3	
12,000.00	6,955.94	12,056.70	7,026.25	158.06	157.74	-99.92	108.40	-5,888.41	407.91	95.50	312.41	1.306 Level 3	
12,100.00	6,955.79	12,156.69	7,025.99	161.00	160.68	-99.89	107.97	-5,988.41	408.62	90.37	318.24	1.284 Level 3	
12,200.00	6,955.64	12,256.69	7,025.74	163.95	163.62	-99.86	107.54	-6,088.40	409.33	85.25	324.08	1.263 Level 3	
12,300.00	6,955.48	12,356.69	7,025.48	166.89	166.56	-99.83	107.11	-6,188.40	410.03	80.12	329.92	1.243 Level 2	
12,400.00	6,955.33	12,456.68	7,025.23	169.83	169.51	-99.80	106.68	-6,288.39	410.74	74.99	335.75	1.223 Level 2	
12,500.00	6,955.18	12,556.68	7,024.97	172.78	172.45	-99.77	106.24	-6,388.39	411.45	69.85	341.60	1.204 Level 2	
12,600.00	6,955.03	12,656.68	7,024.72	175.72	175.39	-99.73	105.81	-6,488.39	412.15	64.72	347.44	1.186 Level 2	
12,700.00	6,954.87	12,756.68	7,024.47	178.67	178.34	-99.70	105.38	-6,588.38	412.86	59.58	353.28	1.169 Level 2	
12,800.00	6,954.72	12,856.67	7,024.21	181.62	181.28	-99.67	104.95	-6,688.38	413.57	54.44	359.13	1.152 Level 2	
12,900.00	6,954.57	12,956.67	7,023.96	184.56	184.23	-99.64	104.52	-6,788.37	414.28	49.30	364.98	1.135 Level 2	
13,000.00	6,954.42	13,056.67	7,023.70	187.51	187.18	-99.61	104.08	-6,888.37	414.99	44.15	370.83	1.119 Level 2	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	6,954.26	13,156.66	7,023.45	190.46	190.12	-99.58	103.65	-6,988.37	415.69	39.01	376.68	1.104	Level 2
13,200.00	6,954.11	13,256.66	7,023.19	193.41	193.07	-99.55	103.22	-7,088.36	416.40	33.86	382.54	1.089	Level 2
13,300.00	6,953.96	13,356.66	7,022.94	196.36	196.02	-99.52	102.79	-7,188.36	417.11	28.72	388.39	1.074	Level 2
13,400.00	6,953.81	13,456.66	7,022.68	199.31	198.97	-99.49	102.36	-7,288.35	417.82	23.57	394.25	1.060	Level 2
13,500.00	6,953.65	13,556.65	7,022.43	202.26	201.92	-99.46	101.92	-7,388.35	418.53	18.42	400.11	1.046	Level 2
13,600.00	6,953.50	13,656.65	7,022.17	205.21	204.86	-99.43	101.49	-7,488.34	419.24	13.27	405.97	1.033	Level 2
13,700.00	6,953.35	13,756.65	7,021.92	208.16	207.81	-99.40	101.06	-7,588.34	419.95	8.11	411.83	1.020	Level 2
13,800.00	6,953.19	13,856.65	7,021.67	211.11	210.76	-99.37	100.63	-7,688.34	420.65	2.96	417.70	1.007	Level 2
13,900.00	6,953.04	13,956.64	7,021.41	214.06	213.71	-99.34	100.20	-7,788.33	421.36	-2.20	423.56	0.995	Level 1
14,000.00	6,952.89	14,056.64	7,021.16	217.02	216.66	-99.31	99.77	-7,888.33	422.07	-7.35	429.43	0.983	Level 1
14,100.00	6,952.74	14,156.64	7,020.90	219.97	219.61	-99.28	99.33	-7,988.32	422.78	-12.51	435.29	0.971	Level 1
14,200.00	6,952.58	14,256.63	7,020.65	222.92	222.56	-99.25	98.90	-8,088.32	423.49	-17.67	441.16	0.960	Level 1
14,300.00	6,952.43	14,356.63	7,020.39	225.87	225.52	-99.22	98.47	-8,188.32	424.20	-22.83	447.03	0.949	Level 1
14,400.00	6,952.28	14,456.63	7,020.14	228.83	228.47	-99.19	98.04	-8,288.31	424.91	-27.99	452.90	0.938	Level 1
14,500.00	6,952.13	14,556.63	7,019.88	231.78	231.42	-99.16	97.61	-8,388.31	425.62	-33.16	458.78	0.928	Level 1
14,600.00	6,951.97	14,656.62	7,019.63	234.74	234.37	-99.13	97.17	-8,488.30	426.33	-38.32	464.65	0.918	Level 1
14,700.00	6,951.82	14,756.62	7,019.37	237.69	237.32	-99.10	96.74	-8,588.30	427.04	-43.48	470.52	0.908	Level 1
14,800.00	6,951.67	14,856.62	7,019.12	240.64	240.28	-99.07	96.31	-8,688.30	427.75	-48.65	476.40	0.898	Level 1
14,900.00	6,951.52	14,956.62	7,018.87	243.60	243.23	-99.04	95.88	-8,788.29	428.46	-53.82	482.28	0.888	Level 1
15,000.00	6,951.36	15,056.61	7,018.61	246.55	246.18	-99.01	95.45	-8,888.29	429.17	-58.98	488.15	0.879	Level 1
15,100.00	6,951.21	15,156.61	7,018.36	249.51	249.13	-98.99	95.01	-8,988.28	429.88	-64.15	494.03	0.870	Level 1
15,200.00	6,951.06	15,256.61	7,018.10	252.46	252.09	-98.96	94.58	-9,088.28	430.59	-69.32	499.91	0.861	Level 1
15,300.00	6,950.90	15,356.60	7,017.85	255.42	255.04	-98.93	94.15	-9,188.28	431.30	-74.49	505.79	0.853	Level 1
15,400.00	6,950.75	15,456.60	7,017.59	258.38	258.00	-98.90	93.72	-9,288.27	432.01	-79.66	511.67	0.844	Level 1
15,500.00	6,950.60	15,556.60	7,017.34	261.33	260.95	-98.87	93.29	-9,388.27	432.72	-84.83	517.56	0.836	Level 1
15,600.00	6,950.45	15,656.60	7,017.08	264.29	263.90	-98.84	92.85	-9,488.26	433.44	-90.01	523.44	0.828	Level 1
15,700.00	6,950.29	15,756.59	7,016.83	267.24	266.86	-98.82	92.42	-9,588.26	434.15	-95.18	529.32	0.820	Level 1
15,800.00	6,950.14	15,856.59	7,016.57	270.20	269.81	-98.79	91.99	-9,688.26	434.86	-100.35	535.21	0.812	Level 1
15,900.00	6,949.99	15,956.59	7,016.32	273.16	272.77	-98.76	91.56	-9,788.25	435.57	-105.53	541.10	0.805	Level 1
16,000.00	6,949.84	16,056.59	7,016.07	276.11	275.72	-98.73	91.13	-9,888.25	436.28	-110.70	546.98	0.798	Level 1
16,100.00	6,949.68	16,156.58	7,015.81	279.07	278.68	-98.70	90.69	-9,988.24	436.99	-115.88	552.87	0.790	Level 1
16,200.00	6,949.53	16,256.58	7,015.56	282.03	281.63	-98.68	90.26	-10,088.24	437.70	-121.06	558.76	0.783	Level 1
16,300.00	6,949.38	16,356.58	7,015.30	284.98	284.59	-98.65	89.83	-10,188.24	438.41	-126.24	564.65	0.776	Level 1
16,400.00	6,949.23	16,456.57	7,015.05	287.94	287.54	-98.62	89.40	-10,288.23	439.13	-131.41	570.54	0.770	Level 1
16,500.00	6,949.07	16,556.57	7,014.79	290.90	290.50	-98.59	88.97	-10,388.23	439.84	-136.59	576.43	0.763	Level 1
16,600.00	6,948.92	16,656.57	7,014.54	293.86	293.45	-98.57	88.53	-10,488.22	440.55	-141.77	582.32	0.757	Level 1
16,700.00	6,948.77	16,756.57	7,014.28	296.81	296.41	-98.54	88.10	-10,588.22	441.26	-146.95	588.22	0.750	Level 1
16,800.00	6,948.62	16,856.56	7,014.03	299.77	299.37	-98.51	87.67	-10,688.22	441.97	-152.14	594.11	0.744	Level 1
16,900.00	6,948.46	16,956.56	7,013.78	302.73	302.32	-98.48	87.24	-10,788.21	442.69	-157.32	600.00	0.738	Level 1
17,000.00	6,948.31	17,056.56	7,013.52	305.69	305.28	-98.46	86.81	-10,888.21	443.40	-162.50	605.90	0.732	Level 1
17,100.00	6,948.16	17,156.55	7,013.27	308.65	308.23	-98.43	86.38	-10,988.20	444.11	-167.68	611.80	0.726	Level 1
17,200.00	6,948.00	17,256.55	7,013.01	311.61	311.19	-98.40	85.94	-11,088.20	444.82	-172.87	617.69	0.720	Level 1
17,202.77	6,948.00	17,259.32	7,013.00	311.69	311.27	-98.40	85.93	-11,090.97	444.84	-173.01	617.85	0.720	Level 1, ES, SF

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-159.92	-1.11	159.93				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-159.92	-1.11	159.93	152.40	7.53	21.246	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-159.92	-1.11	159.93	152.36	7.57	21.130	CC
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-159.92	-1.11	159.93	152.36	7.57	21.130	ES
300.00	300.00	297.74	297.74	3.35	3.34	-125.04	-160.26	-1.33	160.53	152.88	7.65	20.983	SF
400.00	399.93	393.06	393.00	3.41	3.39	-125.31	-162.92	-3.05	165.34	157.58	7.76	21.296	
500.00	499.68	487.86	487.58	3.50	3.47	-125.81	-168.22	-6.46	174.97	167.05	7.92	22.088	
600.00	599.13	581.82	581.07	3.61	3.56	-126.45	-176.06	-11.51	189.38	181.26	8.12	23.312	
700.00	698.30	674.76	673.20	3.75	3.68	-127.15	-186.34	-18.14	207.92	199.56	8.37	24.845	
800.00	797.45	766.76	763.96	3.92	3.84	-127.37	-198.99	-26.29	229.12	220.48	8.65	26.496	
900.00	896.61	862.71	858.25	4.10	4.03	-127.26	-213.98	-35.95	252.11	243.12	8.98	28.064	
1,000.00	995.76	960.02	953.84	4.31	4.26	-127.16	-229.23	-45.78	275.16	265.80	9.36	29.388	
1,100.00	1,094.92	1,057.33	1,049.44	4.53	4.51	-127.08	-244.49	-55.61	298.21	288.43	9.78	30.506	
1,200.00	1,194.08	1,154.63	1,145.04	4.76	4.78	-127.01	-259.74	-65.44	321.26	311.05	10.22	31.445	
1,300.00	1,293.23	1,251.94	1,240.64	5.01	5.07	-126.95	-275.00	-75.28	344.32	333.63	10.68	32.231	
1,400.00	1,392.39	1,349.24	1,336.24	5.26	5.37	-126.89	-290.26	-85.11	367.37	356.20	11.17	32.885	
1,500.00	1,491.54	1,446.55	1,431.84	5.53	5.68	-126.84	-305.51	-94.94	390.42	378.75	11.67	33.446	
1,600.00	1,590.70	1,543.86	1,527.43	5.80	6.00	-126.80	-320.77	-104.77	413.47	401.28	12.20	33.901	
1,700.00	1,689.86	1,641.16	1,623.03	6.08	6.33	-126.76	-336.03	-114.60	436.53	423.80	12.73	34.286	
1,800.00	1,789.01	1,738.47	1,718.63	6.23	6.61	-126.73	-351.28	-124.44	459.58	446.69	12.90	35.639	
1,900.00	1,888.17	1,835.77	1,814.23	6.26	6.75	-126.70	-366.54	-134.27	482.64	469.78	12.86	37.540	
2,000.00	1,987.32	1,933.08	1,909.83	6.31	6.80	-126.67	-381.79	-144.10	505.69	492.75	12.94	39.092	
2,100.00	2,086.48	2,030.39	2,005.43	6.38	6.88	-126.64	-397.05	-153.93	528.74	515.69	13.05	40.518	
2,200.00	2,185.63	2,127.69	2,101.02	6.46	6.98	-126.62	-412.31	-163.76	551.80	538.60	13.20	41.813	
2,300.00	2,284.79	2,225.00	2,196.62	6.56	7.10	-126.60	-427.56	-173.60	574.85	561.48	13.38	42.976	
2,400.00	2,383.95	2,322.30	2,292.22	6.68	7.24	-126.58	-442.82	-183.43	597.91	584.32	13.59	44.007	
2,500.00	2,483.10	2,419.61	2,387.82	6.81	7.40	-126.56	-458.07	-193.26	620.96	607.14	13.83	44.911	
2,600.00	2,582.26	2,516.92	2,483.42	6.95	7.58	-126.54	-473.33	-203.09	644.02	629.92	14.09	45.693	
2,700.00	2,681.41	2,614.22	2,579.02	7.11	7.77	-126.53	-488.59	-212.92	667.07	652.68	14.39	46.360	
2,800.00	2,780.57	2,711.53	2,674.61	7.28	7.98	-126.51	-503.84	-222.76	690.13	675.42	14.71	46.922	
2,900.00	2,879.73	2,808.83	2,770.21	7.46	8.20	-126.50	-519.10	-232.59	713.18	698.13	15.05	47.388	
3,000.00	2,978.88	2,906.14	2,865.81	7.65	8.44	-126.48	-534.36	-242.42	736.24	720.82	15.41	47.766	
3,100.00	3,078.04	3,003.45	2,961.41	7.85	8.68	-126.47	-549.61	-252.25	759.29	743.49	15.80	48.066	
3,200.00	3,177.19	3,100.75	3,057.01	8.06	8.94	-126.46	-564.87	-262.08	782.34	766.15	16.20	48.297	
3,300.00	3,276.35	3,201.94	3,152.61	8.28	9.22	-126.45	-580.12	-271.92	805.40	788.77	16.63	48.440	
3,400.00	3,375.50	3,295.36	3,248.20	8.51	9.49	-126.44	-595.38	-281.75	828.45	811.40	17.05	48.581	
3,500.00	3,474.66	3,407.33	3,343.80	8.74	9.81	-126.43	-610.64	-291.58	851.51	833.97	17.54	48.553	
3,600.00	3,573.82	3,489.98	3,439.40	8.98	10.06	-126.42	-625.89	-301.41	874.56	856.60	17.97	48.680	
3,700.00	3,672.97	3,587.28	3,535.00	9.23	10.36	-126.41	-641.15	-311.24	897.62	879.18	18.44	48.675	
3,800.00	3,772.13	3,684.59	3,630.60	9.48	10.67	-126.40	-656.41	-321.07	920.67	901.75	18.93	48.641	
3,900.00	3,871.28	3,781.89	3,726.19	9.74	10.98	-126.40	-671.66	-330.91	943.73	924.30	19.43	48.582	
4,000.00	3,970.44	3,879.20	3,821.79	10.00	11.30	-126.39	-686.92	-340.74	966.78	946.85	19.93	48.503	
4,100.00	4,069.60	3,976.51	3,917.39	10.27	11.62	-126.38	-702.17	-350.57	989.84	969.39	20.45	48.406	
4,200.00	4,168.75	4,073.81	4,012.99	10.54	11.94	-126.37	-717.43	-360.40	1,012.89	991.92	20.97	48.294	
4,300.00	4,267.91	4,171.12	4,108.59	10.81	12.27	-126.37	-732.69	-370.23	1,035.95	1,014.44	21.51	48.171	
4,400.00	4,367.06	4,268.42	4,204.19	11.09	12.61	-126.36	-747.94	-380.07	1,059.00	1,036.96	22.05	48.038	
4,500.00	4,466.22	4,365.73	4,299.78	11.37	12.95	-126.36	-763.20	-389.90	1,082.06	1,059.47	22.59	47.898	
4,600.00	4,565.37	4,463.04	4,395.38	11.65	13.29	-126.35	-778.46	-399.73	1,105.11	1,081.97	23.14	47.751	
4,700.00	4,664.53	4,560.34	4,490.98	11.94	13.63	-126.34	-793.71	-409.56	1,128.17	1,104.47	23.70	47.599	
4,800.00	4,763.69	4,657.65	4,586.58	12.23	13.98	-126.34	-808.97	-419.39	1,151.22	1,126.96	24.26	47.444	
4,900.00	4,862.84	4,754.95	4,682.18	12.52	14.33	-126.33	-824.22	-429.23	1,174.28	1,149.45	24.83	47.287	
5,000.00	4,962.00	4,852.26	4,777.78	12.81	14.68	-126.33	-839.48	-439.06	1,197.33	1,171.93	25.41	47.128	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.54	-139.89	-1.11	139.89				
100.00	100.00	100.00	100.00	3.28	3.28	-179.54	-139.89	-1.11	139.89	132.37	7.53	18.585	
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.89	-1.11	139.89	132.33	7.57	18.484	
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.89	-1.11	139.89	132.33	7.57	18.484	CC, ES
300.00	300.00	298.17	298.17	3.35	3.34	-124.97	-140.20	-1.37	140.47	132.82	7.65	18.360	SF
400.00	399.93	394.36	394.30	3.41	3.40	-125.17	-142.69	-3.44	145.07	137.31	7.77	18.681	
500.00	499.68	490.09	489.81	3.50	3.47	-125.54	-147.63	-7.54	154.26	146.34	7.93	19.465	
600.00	599.13	585.05	584.29	3.61	3.57	-125.99	-154.95	-13.61	168.02	159.89	8.13	20.663	
700.00	698.30	679.10	677.49	3.75	3.69	-126.45	-164.57	-21.60	185.68	177.29	8.38	22.151	
800.00	797.45	775.44	772.61	3.92	3.86	-126.43	-176.35	-31.39	205.33	196.65	8.68	23.655	
900.00	896.61	873.46	869.35	4.10	4.05	-126.38	-188.50	-41.47	225.14	216.11	9.03	24.943	
1,000.00	995.76	971.48	966.09	4.31	4.27	-126.33	-200.65	-51.56	244.95	235.54	9.41	26.035	
1,100.00	1,094.92	1,069.49	1,062.82	4.53	4.51	-126.29	-212.80	-61.64	264.76	254.94	9.82	26.954	
1,200.00	1,194.08	1,167.51	1,159.56	4.76	4.76	-126.26	-224.95	-71.73	284.58	274.31	10.26	27.724	
1,300.00	1,293.23	1,265.53	1,256.30	5.01	5.03	-126.23	-237.10	-81.81	304.39	293.66	10.73	28.367	
1,400.00	1,392.39	1,363.55	1,353.04	5.26	5.31	-126.21	-249.24	-91.90	324.20	312.99	11.22	28.902	
1,500.00	1,491.54	1,461.56	1,449.77	5.53	5.61	-126.19	-261.39	-101.99	344.02	332.30	11.72	29.354	
1,600.00	1,590.70	1,559.58	1,546.51	5.80	5.91	-126.17	-273.54	-112.07	363.83	351.59	12.24	29.724	
1,700.00	1,689.86	1,657.60	1,643.25	6.08	6.22	-126.15	-285.69	-122.16	383.64	370.87	12.77	30.035	
1,800.00	1,789.01	1,755.62	1,739.99	6.23	6.45	-126.14	-297.84	-132.24	403.45	390.54	12.91	31.250	
1,900.00	1,888.17	1,853.63	1,836.72	6.26	6.55	-126.12	-309.98	-142.33	423.27	410.42	12.85	32.945	
2,000.00	1,987.32	1,951.65	1,933.46	6.31	6.60	-126.11	-322.13	-152.41	443.08	430.15	12.93	34.269	
2,100.00	2,086.48	2,049.67	2,030.20	6.38	6.68	-126.10	-334.28	-162.50	462.89	449.85	13.04	35.484	
2,200.00	2,185.63	2,147.69	2,126.94	6.46	6.77	-126.09	-346.43	-172.59	482.71	469.51	13.19	36.587	
2,300.00	2,284.79	2,245.70	2,223.67	6.56	6.88	-126.08	-358.58	-182.67	502.52	489.15	13.37	37.575	
2,400.00	2,383.95	2,343.72	2,320.41	6.68	7.01	-126.07	-370.73	-192.76	522.33	508.75	13.58	38.451	
2,500.00	2,483.10	2,441.74	2,417.15	6.81	7.15	-126.06	-382.87	-202.84	542.15	528.32	13.82	39.217	
2,600.00	2,582.26	2,539.75	2,513.88	6.95	7.32	-126.05	-395.02	-212.93	561.96	547.87	14.09	39.880	
2,700.00	2,681.41	2,637.77	2,610.62	7.11	7.49	-126.04	-407.17	-223.01	581.77	567.39	14.38	40.445	
2,800.00	2,780.57	2,735.79	2,707.36	7.28	7.69	-126.04	-419.32	-233.10	601.59	586.89	14.70	40.919	
2,900.00	2,879.73	2,833.81	2,804.10	7.46	7.89	-126.03	-431.47	-243.19	621.40	606.36	15.04	41.311	
3,000.00	2,978.88	2,931.82	2,900.83	7.65	8.11	-126.02	-443.62	-253.27	641.21	625.81	15.40	41.629	
3,100.00	3,078.04	3,029.84	2,997.57	7.85	8.33	-126.02	-455.76	-263.36	661.03	645.24	15.78	41.880	
3,200.00	3,177.19	3,127.86	3,094.31	8.06	8.57	-126.01	-467.91	-273.44	680.84	664.66	16.18	42.071	
3,300.00	3,276.35	3,225.88	3,191.05	8.28	8.82	-126.01	-480.06	-283.53	700.65	684.06	16.60	42.211	
3,400.00	3,375.50	3,323.89	3,287.78	8.51	9.08	-126.00	-492.21	-293.61	720.47	703.44	17.03	42.305	
3,500.00	3,474.66	3,421.91	3,384.52	8.74	9.34	-126.00	-504.36	-303.70	740.28	722.80	17.48	42.359	
3,600.00	3,573.82	3,519.93	3,481.26	8.98	9.61	-125.99	-516.51	-313.79	760.09	742.16	17.94	42.379	
3,700.00	3,672.97	3,617.95	3,578.00	9.23	9.89	-125.99	-528.65	-323.87	779.91	761.50	18.41	42.371	
3,800.00	3,772.13	3,715.96	3,674.73	9.48	10.17	-125.99	-540.80	-333.96	799.72	780.83	18.89	42.337	
3,900.00	3,871.28	3,813.98	3,771.47	9.74	10.46	-125.98	-552.95	-344.04	819.53	800.15	19.38	42.282	
4,000.00	3,970.44	3,912.00	3,868.21	10.00	10.75	-125.98	-565.10	-354.13	839.35	819.46	19.89	42.209	
4,100.00	4,069.60	4,010.02	3,964.95	10.27	11.05	-125.97	-577.25	-364.21	859.16	838.76	20.40	42.121	
4,200.00	4,168.75	4,108.03	4,061.68	10.54	11.36	-125.97	-589.40	-374.30	878.97	858.06	20.92	42.022	
4,300.00	4,267.91	4,206.05	4,158.42	10.81	11.66	-125.97	-601.54	-384.39	898.79	877.34	21.44	41.911	
4,400.00	4,367.06	4,304.07	4,255.16	11.09	11.97	-125.97	-613.69	-394.47	918.60	896.62	21.98	41.793	
4,500.00	4,466.22	4,402.09	4,351.90	11.37	12.29	-125.96	-625.84	-404.56	938.41	915.89	22.52	41.668	
4,600.00	4,565.37	4,500.10	4,448.63	11.65	12.61	-125.96	-637.99	-414.64	958.23	935.16	23.07	41.538	
4,700.00	4,664.53	4,601.88	4,545.37	11.94	12.94	-125.96	-650.14	-424.73	978.04	954.41	23.63	41.385	
4,800.00	4,763.69	4,696.14	4,642.11	12.23	13.25	-125.96	-662.29	-434.82	997.85	973.67	24.18	41.267	
4,900.00	4,862.84	4,805.84	4,738.85	12.52	13.61	-125.95	-674.43	-444.90	1,017.67	992.89	24.78	41.071	
5,000.00	4,962.00	4,907.83	4,835.58	12.81	13.96	-125.95	-686.58	-454.99	1,037.48	1,012.12	25.36	40.914	
5,100.00	5,061.15	5,009.81	4,932.32	13.11	14.30	-125.95	-698.73	-465.07	1,057.29	1,031.35	25.94	40.756	
5,200.00	5,160.31	5,088.21	5,029.06	13.40	14.57	-125.95	-710.88	-475.16	1,077.11	1,050.65	26.46	40.706	
5,300.00	5,259.47	5,186.23	5,125.79	13.70	14.90	-125.94	-723.03	-485.24	1,096.92	1,069.88	27.04	40.566	
5,400.00	5,358.62	5,284.24	5,222.53	14.00	15.24	-125.94	-735.18	-495.33	1,116.73	1,089.11	27.62	40.426	
5,500.00	5,457.78	5,382.26	5,319.27	14.31	15.57	-125.94	-747.32	-505.42	1,136.55	1,108.34	28.21	40.288	
5,600.00	5,556.93	5,480.28	5,416.01	14.61	15.91	-125.94	-759.47	-515.50	1,156.36	1,127.56	28.80	40.150	
5,700.00	5,656.09	5,578.30	5,512.74	14.92	16.25	-125.94	-771.62	-525.59	1,176.18	1,146.78	29.39	40.014	
5,800.00	5,755.24	5,676.31	5,609.48	15.22	16.60	-125.93	-783.77	-535.67	1,195.99	1,166.00	29.99	39.880	

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	-131.16	-158.48	-181.26	240.77				
100.00	100.00	102.00	102.00	3.28	3.28	-131.16	-158.48	-181.26	240.77	233.25	7.53	31.986	
200.00	200.00	202.00	202.00	3.30	3.30	-131.16	-158.48	-181.26	240.77	233.20	7.57	31.809	
254.95	254.95	256.41	256.41	3.32	3.32	-76.62	-158.48	-181.27	240.72	233.11	7.61	31.629 CC, ES	
300.00	300.00	298.00	297.99	3.35	3.34	-76.64	-158.70	-181.60	241.10	233.45	7.65	31.515	
400.00	399.93	390.20	390.14	3.41	3.39	-77.23	-160.38	-184.12	243.57	235.81	7.76	31.390 SF	
500.00	499.68	482.10	481.85	3.50	3.47	-78.38	-163.69	-189.08	248.53	240.62	7.90	31.440	
600.00	599.13	573.53	572.85	3.61	3.56	-80.01	-168.60	-196.45	256.14	248.05	8.09	31.665	
700.00	698.30	664.39	662.94	3.75	3.68	-81.97	-175.08	-206.15	266.75	258.44	8.32	32.072	
800.00	797.45	754.67	752.06	3.92	3.83	-83.68	-183.08	-218.15	280.72	272.14	8.58	32.703	
900.00	896.61	844.21	839.96	4.10	4.01	-85.07	-192.55	-232.35	297.91	289.03	8.89	33.525	
1,000.00	995.76	932.86	926.41	4.31	4.24	-86.15	-203.42	-248.65	318.18	308.96	9.22	34.505	
1,100.00	1,094.92	1,020.46	1,011.20	4.53	4.50	-86.94	-215.61	-266.94	341.39	331.80	9.58	35.619	
1,200.00	1,194.08	1,112.52	1,099.68	4.76	4.82	-87.55	-229.72	-288.09	367.03	357.02	10.01	36.660	
1,300.00	1,293.23	1,209.02	1,192.36	5.01	5.18	-88.09	-244.66	-310.49	392.99	382.49	10.50	37.432	
1,400.00	1,392.39	1,305.53	1,285.04	5.26	5.58	-88.56	-259.60	-332.89	418.98	407.97	11.01	38.042	
1,500.00	1,491.54	1,402.04	1,377.71	5.53	5.99	-88.97	-274.54	-355.29	445.00	433.45	11.55	38.528	
1,600.00	1,590.70	1,501.45	1,470.39	5.80	6.44	-89.34	-289.48	-377.69	471.03	458.92	12.12	38.875	
1,700.00	1,689.86	1,595.06	1,563.07	6.08	6.87	-89.68	-304.42	-400.09	497.08	484.40	12.68	39.193	
1,800.00	1,789.01	1,708.43	1,655.74	6.23	7.39	-89.98	-319.35	-422.49	523.15	510.17	12.98	40.305	
1,900.00	1,888.17	1,788.08	1,748.42	6.26	7.60	-90.25	-334.29	-444.89	549.23	536.07	13.16	41.746	
2,000.00	1,987.32	1,884.59	1,841.10	6.31	7.70	-90.49	-349.23	-467.29	575.31	562.22	13.09	43.951	
2,100.00	2,086.48	1,981.10	1,933.78	6.38	7.81	-90.72	-364.17	-489.69	601.41	588.19	13.21	45.510	
2,200.00	2,185.63	2,077.61	2,026.45	6.46	7.96	-90.92	-379.11	-512.10	627.51	614.13	13.38	46.906	
2,300.00	2,284.79	2,174.12	2,119.13	6.56	8.13	-91.11	-394.05	-534.50	653.62	640.05	13.58	48.138	
2,400.00	2,383.95	2,270.63	2,211.81	6.68	8.34	-91.29	-408.99	-556.90	679.74	665.93	13.81	49.209	
2,500.00	2,483.10	2,367.14	2,304.48	6.81	8.57	-91.45	-423.93	-579.30	705.86	691.78	14.08	50.123	
2,600.00	2,582.26	2,463.64	2,397.16	6.95	8.83	-91.60	-438.87	-601.70	731.99	717.61	14.38	50.891	
2,700.00	2,681.41	2,560.15	2,489.84	7.11	9.11	-91.74	-453.81	-624.10	758.12	743.41	14.71	51.524	
2,800.00	2,780.57	2,656.66	2,582.52	7.28	9.41	-91.87	-468.75	-646.50	784.26	769.19	15.07	52.032	
2,900.00	2,879.73	2,753.17	2,675.19	7.46	9.73	-91.99	-483.68	-668.90	810.40	794.94	15.46	52.429	
3,000.00	2,978.88	2,849.68	2,767.87	7.65	10.07	-92.11	-498.62	-691.30	836.54	820.68	15.87	52.727	
3,100.00	3,078.04	2,946.19	2,860.55	7.85	10.43	-92.22	-513.56	-713.70	862.69	846.39	16.30	52.938	
3,200.00	3,177.19	3,042.70	2,953.22	8.06	10.79	-92.32	-528.50	-736.10	888.83	872.09	16.75	53.074	
3,300.00	3,276.35	3,139.21	3,045.90	8.28	11.18	-92.41	-543.44	-758.50	914.99	897.77	17.22	53.145	
3,400.00	3,375.50	3,235.72	3,138.58	8.51	11.57	-92.50	-558.38	-780.90	941.14	923.43	17.70	53.160	
3,500.00	3,474.66	3,332.23	3,231.26	8.74	11.97	-92.59	-573.32	-803.30	967.29	949.09	18.21	53.128	
3,600.00	3,573.82	3,428.74	3,323.93	8.98	12.38	-92.67	-588.26	-825.70	993.45	974.73	18.72	53.056	
3,700.00	3,672.97	3,525.25	3,416.61	9.23	12.80	-92.75	-603.20	-848.10	1,019.61	1,000.35	19.26	52.952	
3,800.00	3,772.13	3,621.76	3,509.29	9.48	13.23	-92.82	-618.14	-870.51	1,045.77	1,025.97	19.80	52.821	
3,900.00	3,871.28	3,718.26	3,601.97	9.74	13.67	-92.89	-633.08	-892.91	1,071.93	1,051.58	20.35	52.667	
4,000.00	3,970.44	3,814.77	3,694.64	10.00	14.11	-92.95	-648.02	-915.31	1,098.09	1,077.18	20.92	52.496	
4,100.00	4,069.60	3,911.28	3,787.32	10.27	14.56	-93.02	-662.95	-937.71	1,124.26	1,102.77	21.49	52.310	
4,200.00	4,168.75	4,007.79	3,880.00	10.54	15.01	-93.08	-677.89	-960.11	1,150.42	1,128.35	22.08	52.113	
4,300.00	4,267.91	4,104.30	3,972.67	10.81	15.46	-93.13	-692.83	-982.51	1,176.59	1,153.92	22.67	51.908	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-127.41	-138.43	-180.99	227.86					
100.00	100.00	102.00	102.00	3.28	3.28	-127.41	-138.43	-180.99	227.86	220.33	7.53	30.270		
200.00	200.00	202.00	202.00	3.30	3.30	-127.41	-138.43	-180.99	227.86	220.29	7.57	30.103		
257.20	257.20	258.53	258.53	3.32	3.32	-72.88	-138.43	-181.00	227.78	220.17	7.61	29.922	CC, ES	
300.00	300.00	298.21	298.21	3.35	3.34	-72.89	-138.62	-181.34	228.16	220.51	7.65	29.822		
400.00	399.93	390.83	390.78	3.41	3.40	-73.49	-140.07	-184.03	230.41	222.64	7.76	29.691	SF	
500.00	499.68	483.21	482.95	3.50	3.47	-74.66	-142.93	-189.34	234.92	227.01	7.91	29.714		
600.00	599.13	575.16	574.46	3.61	3.56	-76.32	-147.17	-197.22	241.86	233.77	8.09	29.893		
700.00	698.30	666.61	665.14	3.75	3.68	-78.31	-152.76	-207.61	251.63	243.31	8.32	30.248		
800.00	797.45	757.54	754.89	3.92	3.84	-80.01	-159.69	-220.47	264.74	256.15	8.59	30.829		
900.00	896.61	847.78	843.46	4.10	4.03	-81.36	-167.89	-235.70	281.05	272.16	8.89	31.606		
1,000.00	995.76	937.17	930.60	4.31	4.25	-82.37	-177.31	-253.20	300.41	291.18	9.23	32.547		
1,100.00	1,094.92	1,025.55	1,016.11	4.53	4.52	-83.09	-187.89	-272.85	322.71	313.11	9.60	33.626		
1,200.00	1,194.08	1,120.72	1,107.67	4.76	4.85	-83.65	-200.19	-295.70	346.93	336.89	10.05	34.538		
1,300.00	1,293.23	1,217.67	1,200.94	5.01	5.22	-84.14	-212.75	-319.01	371.24	360.71	10.54	35.238		
1,400.00	1,392.39	1,314.63	1,294.21	5.26	5.61	-84.57	-225.30	-342.33	395.57	384.52	11.05	35.785		
1,500.00	1,491.54	1,411.58	1,387.48	5.53	6.03	-84.95	-237.85	-365.64	419.92	408.33	11.59	36.225		
1,600.00	1,590.70	1,508.54	1,480.75	5.80	6.46	-85.29	-250.41	-388.96	444.28	432.13	12.15	36.558		
1,700.00	1,689.86	1,605.49	1,574.02	6.08	6.90	-85.59	-262.96	-412.27	468.66	455.93	12.73	36.819		
1,800.00	1,789.01	1,702.45	1,667.29	6.23	7.35	-85.86	-275.52	-435.59	493.05	480.07	12.98	37.983		
1,900.00	1,888.17	1,799.40	1,760.56	6.26	7.60	-86.11	-288.07	-458.90	517.44	504.43	13.01	39.759		
2,000.00	1,987.32	1,903.64	1,853.82	6.31	7.69	-86.34	-300.62	-482.22	541.85	528.74	13.11	41.340		
2,100.00	2,086.48	1,993.31	1,947.09	6.38	7.80	-86.54	-313.18	-505.53	566.26	553.03	13.23	42.797		
2,200.00	2,185.63	2,109.73	2,040.36	6.46	7.97	-86.73	-325.73	-528.85	590.68	577.27	13.42	44.031		
2,300.00	2,284.79	2,187.22	2,133.63	6.56	8.12	-86.91	-338.29	-552.17	615.11	601.51	13.60	45.229		
2,400.00	2,383.95	2,284.18	2,226.90	6.68	8.32	-87.07	-350.84	-575.48	639.54	625.70	13.84	46.216		
2,500.00	2,483.10	2,381.13	2,320.17	6.81	8.56	-87.22	-363.39	-598.80	663.97	649.86	14.11	47.059		
2,600.00	2,582.26	2,478.09	2,413.44	6.95	8.81	-87.35	-375.95	-622.11	688.41	674.00	14.41	47.765		
2,700.00	2,681.41	2,575.04	2,506.71	7.11	9.09	-87.48	-388.50	-645.43	712.85	698.11	14.75	48.344		
2,800.00	2,780.57	2,672.00	2,599.97	7.28	9.40	-87.60	-401.05	-668.74	737.30	722.19	15.11	48.808		
2,900.00	2,879.73	2,768.95	2,693.24	7.46	9.72	-87.72	-413.61	-692.06	761.74	746.25	15.49	49.169		
3,000.00	2,978.88	2,865.91	2,786.51	7.65	10.05	-87.82	-426.16	-715.37	786.19	770.29	15.90	49.439		
3,100.00	3,078.04	2,962.86	2,879.78	7.85	10.41	-87.92	-438.72	-738.69	810.65	794.31	16.33	49.627		
3,200.00	3,177.19	3,059.82	2,973.05	8.06	10.77	-88.01	-451.27	-762.00	835.10	818.31	16.79	49.747		
3,300.00	3,276.35	3,156.77	3,066.32	8.28	11.15	-88.10	-463.82	-785.32	859.56	842.30	17.26	49.805		
3,400.00	3,375.50	3,253.73	3,159.59	8.51	11.54	-88.19	-476.38	-808.64	884.02	866.27	17.75	49.813		
3,500.00	3,474.66	3,350.68	3,252.86	8.74	11.94	-88.26	-488.93	-831.95	908.48	890.23	18.25	49.778		
3,600.00	3,573.82	3,447.64	3,346.12	8.98	12.35	-88.34	-501.49	-855.27	932.94	914.17	18.77	49.706		
3,700.00	3,672.97	3,544.59	3,439.39	9.23	12.77	-88.41	-514.04	-878.58	957.40	938.10	19.30	49.603		
3,800.00	3,772.13	3,641.55	3,532.66	9.48	13.19	-88.48	-526.59	-901.90	981.87	962.02	19.85	49.476		
3,900.00	3,871.28	3,738.50	3,625.93	9.74	13.62	-88.54	-539.15	-925.21	1,006.33	985.93	20.40	49.329		
4,000.00	3,970.44	3,835.46	3,719.20	10.00	14.06	-88.60	-551.70	-948.53	1,030.80	1,009.83	20.97	49.165		
4,100.00	4,069.60	3,932.41	3,812.47	10.27	14.51	-88.66	-564.25	-971.84	1,055.27	1,033.73	21.54	48.989		
4,200.00	4,168.75	4,029.37	3,905.74	10.54	14.96	-88.72	-576.81	-995.16	1,079.74	1,057.61	22.12	48.802		
4,300.00	4,267.91	4,126.32	3,999.01	10.81	15.41	-88.77	-589.36	-1,018.47	1,104.20	1,081.49	22.72	48.607		
4,400.00	4,367.06	4,223.28	4,092.27	11.09	15.87	-88.82	-601.92	-1,041.79	1,128.68	1,105.36	23.32	48.407		
4,500.00	4,466.22	4,320.23	4,185.54	11.37	16.33	-88.87	-614.47	-1,065.10	1,153.15	1,129.22	23.92	48.203		
4,600.00	4,565.37	4,417.19	4,278.81	11.65	16.79	-88.92	-627.02	-1,088.42	1,177.62	1,153.08	24.54	47.997		



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-102.10	-38.61	-180.15	184.24				
100.00	100.00	103.00	103.00	3.28	3.28	-102.10	-38.61	-180.15	184.24	176.71	7.53	24.476	
200.00	200.00	203.00	203.00	3.30	3.30	-102.10	-38.61	-180.15	184.24	176.67	7.57	24.340	
266.33	266.33	268.22	268.22	3.33	3.33	-47.58	-38.60	-180.21	184.04	176.42	7.62	24.149	CC, ES
300.00	300.00	299.95	299.94	3.35	3.34	-47.55	-38.57	-180.58	184.38	176.73	7.65	24.095	
400.00	399.93	394.16	394.10	3.41	3.40	-47.98	-38.23	-183.76	185.25	177.49	7.77	23.856	
500.00	499.68	488.32	488.05	3.50	3.48	-48.83	-37.58	-190.00	186.93	179.02	7.91	23.620	
600.00	599.13	582.39	581.64	3.61	3.58	-50.09	-36.60	-199.30	189.49	181.39	8.10	23.393	
700.00	698.30	676.34	674.76	3.75	3.71	-51.53	-35.30	-211.64	193.66	185.33	8.33	23.258	
800.00	797.45	770.07	767.21	3.92	3.87	-52.58	-33.69	-226.97	200.90	192.30	8.59	23.377	
900.00	896.61	863.38	858.70	4.10	4.07	-53.21	-31.77	-245.21	211.17	202.27	8.90	23.731	
1,000.00	995.76	957.94	950.79	4.31	4.31	-53.47	-29.53	-266.57	224.28	215.03	9.25	24.247	
1,100.00	1,094.92	1,056.97	1,047.04	4.53	4.61	-53.64	-27.09	-289.73	238.15	228.48	9.67	24.626	
1,200.00	1,194.08	1,156.00	1,143.30	4.76	4.93	-53.78	-24.66	-312.89	252.01	241.89	10.12	24.898	
1,300.00	1,293.23	1,255.03	1,239.55	5.01	5.27	-53.91	-22.22	-336.05	265.88	255.28	10.60	25.081	
1,400.00	1,392.39	1,354.07	1,335.81	5.26	5.63	-54.03	-19.79	-359.20	279.75	268.65	11.11	25.190	
1,500.00	1,491.54	1,453.10	1,432.06	5.53	6.01	-54.13	-17.36	-382.36	293.63	282.00	11.62	25.264	
1,600.00	1,590.70	1,552.13	1,528.32	5.80	6.40	-54.23	-14.92	-405.52	307.50	295.34	12.16	25.282	
1,700.00	1,689.86	1,651.16	1,624.57	6.08	6.80	-54.32	-12.49	-428.68	321.37	308.65	12.72	25.272	
1,800.00	1,789.01	1,750.19	1,720.83	6.23	7.12	-54.40	-10.05	-451.84	335.25	322.37	12.87	26.042	
1,900.00	1,888.17	1,849.23	1,817.08	6.26	7.26	-54.47	-7.62	-475.00	349.12	336.30	12.82	27.223	
2,000.00	1,987.32	1,948.26	1,913.34	6.31	7.34	-54.54	-5.18	-498.16	363.00	350.09	12.91	28.120	
2,100.00	2,086.48	2,047.29	2,009.59	6.38	7.45	-54.60	-2.75	-521.32	376.87	363.84	13.03	28.923	
2,200.00	2,185.63	2,146.32	2,105.85	6.46	7.59	-54.66	-0.32	-544.48	390.75	377.56	13.19	29.632	
2,300.00	2,284.79	2,245.35	2,202.10	6.56	7.75	-54.71	2.12	-567.64	404.62	391.25	13.38	30.246	
2,400.00	2,383.95	2,344.39	2,298.36	6.68	7.94	-54.77	4.55	-590.79	418.50	404.90	13.60	30.769	
2,500.00	2,483.10	2,443.42	2,394.61	6.81	8.15	-54.81	6.99	-613.95	432.38	418.52	13.86	31.204	
2,600.00	2,582.26	2,542.45	2,490.87	6.95	8.38	-54.86	9.42	-637.11	446.25	432.11	14.14	31.557	
2,700.00	2,681.41	2,641.48	2,587.13	7.11	8.64	-54.90	11.86	-660.27	460.13	445.68	14.45	31.836	
2,800.00	2,780.57	2,740.51	2,683.38	7.28	8.91	-54.94	14.29	-683.43	474.01	459.22	14.79	32.046	
2,900.00	2,879.73	2,839.54	2,779.64	7.46	9.19	-54.98	16.72	-706.59	487.89	472.73	15.15	32.196	
3,000.00	2,978.88	2,938.58	2,875.89	7.65	9.49	-55.01	19.16	-729.75	501.77	486.23	15.54	32.293	
3,100.00	3,078.04	3,037.61	2,972.15	7.85	9.81	-55.05	21.59	-752.91	515.64	499.70	15.94	32.342	
3,200.00	3,177.19	3,136.64	3,068.40	8.06	10.14	-55.08	24.03	-776.07	529.52	513.15	16.37	32.352	
3,300.00	3,276.35	3,235.67	3,164.66	8.28	10.47	-55.11	26.46	-799.22	543.40	526.59	16.81	32.327	
3,400.00	3,375.50	3,334.70	3,260.91	8.51	10.82	-55.14	28.90	-822.38	557.28	540.01	17.27	32.273	
3,500.00	3,474.66	3,433.74	3,357.17	8.74	11.18	-55.16	31.33	-845.54	571.16	553.42	17.74	32.195	
3,600.00	3,573.82	3,532.77	3,453.42	8.98	11.54	-55.19	33.76	-868.70	585.04	566.81	18.23	32.097	
3,700.00	3,672.97	3,631.80	3,549.68	9.23	11.92	-55.22	36.20	-891.86	598.92	580.19	18.73	31.982	
3,800.00	3,772.13	3,730.83	3,645.93	9.48	12.30	-55.24	38.63	-915.02	612.80	593.56	19.24	31.854	
3,900.00	3,871.28	3,829.86	3,742.19	9.74	12.68	-55.26	41.07	-938.18	626.67	606.92	19.76	31.715	
4,000.00	3,970.44	3,928.89	3,838.44	10.00	13.07	-55.28	43.50	-961.34	640.55	620.26	20.29	31.568	
4,100.00	4,069.60	4,027.93	3,934.70	10.27	13.47	-55.30	45.94	-984.50	654.43	633.60	20.83	31.415	
4,200.00	4,168.75	4,126.96	4,030.95	10.54	13.87	-55.32	48.37	-1,007.66	668.31	646.93	21.38	31.258	
4,300.00	4,267.91	4,225.99	4,127.21	10.81	14.28	-55.34	50.80	-1,030.81	682.19	660.26	21.94	31.097	
4,400.00	4,367.06	4,325.02	4,223.46	11.09	14.69	-55.36	53.24	-1,053.97	696.07	673.57	22.50	30.935	
4,500.00	4,466.22	4,424.05	4,319.72	11.37	15.10	-55.38	55.67	-1,077.13	709.95	686.88	23.07	30.771	
4,600.00	4,565.37	4,523.09	4,415.97	11.65	15.52	-55.40	58.11	-1,100.29	723.83	700.18	23.65	30.608	
4,700.00	4,664.53	4,622.12	4,512.23	11.94	15.94	-55.41	60.54	-1,123.45	737.71	713.48	24.23	30.445	
4,800.00	4,763.69	4,721.15	4,608.48	12.23	16.36	-55.43	62.98	-1,146.61	751.59	726.77	24.82	30.283	
4,900.00	4,862.84	4,820.18	4,704.74	12.52	16.79	-55.44	65.41	-1,169.77	765.47	740.06	25.41	30.123	
5,000.00	4,962.00	4,919.21	4,800.99	12.81	17.21	-55.46	67.84	-1,192.93	779.35	753.34	26.01	29.965	
5,100.00	5,061.15	5,018.25	4,897.25	13.11	17.64	-55.47	70.28	-1,216.09	793.23	766.62	26.61	29.810	
5,200.00	5,160.31	5,117.28	4,993.50	13.40	18.08	-55.48	72.71	-1,239.25	807.11	779.90	27.22	29.657	
5,300.00	5,259.47	5,216.31	5,089.76	13.70	18.51	-55.50	75.15	-1,262.40	820.99	793.17	27.82	29.506	
5,400.00	5,358.62	5,315.34	5,186.01	14.00	18.95	-55.51	77.58	-1,285.56	834.87	806.44	28.44	29.359	
5,500.00	5,457.78	5,414.37	5,282.27	14.31	19.38	-55.52	80.02	-1,308.72	848.75	819.70	29.05	29.214	
5,600.00	5,556.93	5,513.40	5,378.52	14.61	19.82	-55.53	82.45	-1,331.88	862.63	832.96	29.67	29.073	
5,700.00	5,656.09	5,612.44	5,474.78	14.92	20.26	-55.55	84.88	-1,355.04	876.51	846.22	30.29	28.934	
5,800.00	5,755.24	5,711.47	5,571.03	15.22	20.70	-55.56	87.32	-1,378.20	890.39	859.48	30.92	28.799	
5,900.00	5,854.40	5,810.50	5,667.29	15.53	21.15	-55.57	89.75	-1,401.36	904.28	872.73	31.54	28.666	
6,000.00	5,953.56	5,909.53	5,763.54	15.84	21.59	-55.58	92.19	-1,424.52	918.16	885.98	32.17	28.537	
6,100.00	6,052.71	6,008.56	5,859.80	16.15	22.04	-55.59	94.62	-1,447.68	932.04	899.23	32.81	28.411	
6,200.00	6,151.87	6,107.60	5,956.05	16.46	22.48	-55.60	97.06	-1,470.84	945.92	912.48	33.44	28.287	
6,300.00	6,251.02	6,206.63	6,052.31	16.78	22.93	-55.61	99.49	-1,493.99	959.80	925.72	34.08	28.167	
6,400.00	6,350.18	6,305.79	6,153.49	17.09	23.36	-55.62	101.92	-1,517.15	973.68	939.40	34.71	28.047	



Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,449.03	8,007.83	7,173.27	17.41	36.26	-128.83	126.24	-658.15	792.97	757.20	35.76	22.172	
6,600.00	6,545.03	7,967.49	7,172.77	17.84	35.45	-129.21	126.26	-682.83	709.73	672.55	37.18	19.089	
6,700.00	6,635.69	7,927.97	7,171.97	18.41	34.67	-130.55	126.30	-722.34	634.40	595.46	38.94	16.294	
6,800.00	6,718.78	7,874.58	7,170.88	19.14	33.65	-130.44	126.35	-775.72	569.35	528.49	40.87	13.931	
6,900.00	6,792.26	7,808.64	7,169.55	20.06	32.45	-128.90	126.41	-841.65	516.29	473.39	42.90	12.035	
7,000.00	6,854.31	7,731.78	7,167.99	21.22	31.16	-126.34	126.48	-918.50	475.86	430.92	44.94	10.590	
7,100.00	6,903.40	7,621.91	7,162.83	22.66	29.48	-121.75	126.51	-1,028.19	446.49	399.82	46.67	9.566	
7,200.00	6,938.33	7,493.13	7,135.10	24.35	27.80	-114.97	126.00	-1,153.72	420.20	371.35	48.85	8.601	
7,300.00	6,958.23	7,382.06	7,091.31	26.27	26.68	-108.15	125.06	-1,255.64	398.11	346.53	51.58	7.719	
7,400.00	6,962.97	7,283.85	7,038.37	28.34	25.95	-101.01	123.86	-1,338.23	382.42	328.17	54.25	7.049	
7,500.00	6,962.81	7,202.00	6,984.97	30.55	25.52	-92.93	122.61	-1,400.17	374.57	318.13	56.44	6.637	
7,518.27	6,962.78	7,188.92	6,975.71	30.97	25.47	-91.52	122.40	-1,409.42	374.34	317.61	56.74	6.598 SF	
7,600.00	6,962.66	7,136.55	6,936.82	32.87	25.29	-85.59	121.48	-1,444.46	379.23	321.82	57.41	6.606	
7,700.00	6,962.51	7,084.04	6,895.07	35.30	25.15	-79.37	120.48	-1,476.26	399.73	342.92	56.81	7.036	
7,800.00	6,962.35	7,041.53	6,859.44	37.80	25.06	-74.28	119.63	-1,499.42	436.23	381.23	54.99	7.932	
7,900.00	6,962.20	7,006.70	6,829.15	40.36	25.01	-70.15	118.90	-1,516.59	486.62	433.96	52.66	9.241	
8,000.00	6,962.05	6,977.79	6,803.33	42.98	24.97	-66.80	118.27	-1,529.56	548.00	497.66	50.35	10.884	
8,100.00	6,961.90	6,950.00	6,777.97	45.64	24.94	-63.68	117.66	-1,540.91	617.70	569.40	48.30	12.788	
8,200.00	6,961.74	6,932.90	6,762.13	48.33	24.93	-61.82	117.27	-1,547.35	693.53	646.88	46.65	14.867	
8,300.00	6,961.59	6,915.20	6,745.56	51.05	24.91	-59.94	116.87	-1,553.55	773.97	728.67	45.30	17.084	
8,400.00	6,961.44	6,900.00	6,731.20	53.80	24.90	-58.37	116.52	-1,558.51	857.88	813.65	44.23	19.395	
8,500.00	6,961.29	6,886.48	6,718.32	56.58	24.89	-57.01	116.20	-1,562.64	944.45	901.08	43.37	21.774	
8,600.00	6,961.13	6,874.68	6,707.02	59.37	24.88	-55.85	115.92	-1,566.01	1,033.09	990.39	42.69	24.199	
8,700.00	6,960.98	6,864.22	6,696.95	62.17	24.88	-54.85	115.68	-1,568.83	1,123.35	1,081.21	42.14	26.657	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	3.00	3.28	3.28	-113.43	-78.32	-180.71	196.95				
100.00	100.00	103.00	103.00	3.28	3.28	-113.43	-78.32	-180.71	196.95	189.42	7.53	26.164	
200.00	200.00	203.00	203.00	3.30	3.30	-113.43	-78.32	-180.71	196.95	189.38	7.57	26.019	
266.12	266.12	267.95	267.95	3.33	3.33	-58.92	-78.33	-180.76	196.81	189.19	7.62	25.825	CC, ES
300.00	300.00	299.74	299.74	3.35	3.34	-58.89	-78.36	-181.14	197.16	189.51	7.65	25.766	
400.00	399.93	393.56	393.50	3.41	3.40	-59.40	-78.67	-184.29	198.58	190.81	7.76	25.576	
500.00	499.68	487.27	487.00	3.50	3.48	-60.39	-79.26	-190.48	201.36	193.45	7.91	25.449	
600.00	599.13	580.79	580.06	3.61	3.58	-61.82	-80.15	-199.70	205.61	197.51	8.10	25.387	
700.00	698.30	674.09	672.54	3.75	3.70	-63.48	-81.33	-211.89	211.93	203.60	8.33	25.445	
800.00	797.45	767.08	764.28	3.92	3.86	-64.75	-82.78	-227.03	221.34	212.74	8.60	25.735	
900.00	896.61	859.58	854.99	4.10	4.06	-65.60	-84.52	-245.02	233.77	224.86	8.91	26.234	
1,000.00	995.76	951.40	944.41	4.31	4.30	-66.06	-86.51	-265.75	249.11	239.85	9.26	26.915	
1,100.00	1,094.92	1,048.51	1,038.49	4.53	4.59	-66.30	-88.82	-289.70	266.38	256.70	9.67	27.533	
1,200.00	1,194.08	1,146.99	1,133.89	4.76	4.92	-66.50	-91.16	-314.05	283.70	273.57	10.14	27.987	
1,300.00	1,293.23	1,245.47	1,229.29	5.01	5.28	-66.67	-93.51	-338.39	301.03	290.40	10.63	28.323	
1,400.00	1,392.39	1,343.95	1,324.68	5.26	5.66	-66.83	-95.85	-362.74	318.36	307.21	11.15	28.560	
1,500.00	1,491.54	1,442.44	1,420.08	5.53	6.05	-66.97	-98.19	-387.09	335.69	324.01	11.68	28.744	
1,600.00	1,590.70	1,540.92	1,515.48	5.80	6.46	-67.10	-100.54	-411.43	353.03	340.79	12.23	28.854	
1,700.00	1,689.86	1,639.40	1,610.88	6.08	6.88	-67.22	-102.88	-435.78	370.36	357.56	12.81	28.921	
1,800.00	1,789.01	1,737.89	1,706.27	6.23	7.23	-67.32	-105.23	-460.12	387.70	374.71	12.99	29.835	
1,900.00	1,888.17	1,836.37	1,801.67	6.26	7.41	-67.42	-107.57	-484.47	405.04	392.07	12.97	31.224	
2,000.00	1,987.32	1,934.85	1,897.07	6.31	7.49	-67.51	-109.91	-508.81	422.38	409.32	13.06	32.337	
2,100.00	2,086.48	2,033.34	1,992.47	6.38	7.61	-67.59	-112.26	-533.16	439.72	426.53	13.19	33.338	
2,200.00	2,185.63	2,131.82	2,087.87	6.46	7.75	-67.67	-114.60	-557.51	457.06	443.70	13.35	34.224	
2,300.00	2,284.79	2,230.30	2,183.26	6.56	7.92	-67.74	-116.95	-581.85	474.40	460.85	13.56	34.997	
2,400.00	2,383.95	2,328.79	2,278.66	6.68	8.12	-67.80	-119.29	-606.20	491.74	477.95	13.79	35.658	
2,500.00	2,483.10	2,427.27	2,374.06	6.81	8.34	-67.86	-121.63	-630.54	509.09	495.03	14.06	36.213	
2,600.00	2,582.26	2,525.75	2,469.46	6.95	8.58	-67.92	-123.98	-654.89	526.43	512.07	14.36	36.669	
2,700.00	2,681.41	2,624.24	2,564.85	7.11	8.85	-67.97	-126.32	-679.24	543.77	529.09	14.68	37.034	
2,800.00	2,780.57	2,722.72	2,660.25	7.28	9.13	-68.02	-128.67	-703.58	561.12	546.08	15.04	37.317	
2,900.00	2,879.73	2,821.20	2,755.65	7.46	9.43	-68.07	-131.01	-727.93	578.46	563.05	15.42	37.526	
3,000.00	2,978.88	2,919.69	2,851.05	7.65	9.75	-68.11	-133.35	-752.27	595.81	579.99	15.82	37.670	
3,100.00	3,078.04	3,018.17	2,946.45	7.85	10.08	-68.15	-135.70	-776.62	613.15	596.91	16.24	37.758	
3,200.00	3,177.19	3,116.65	3,041.84	8.06	10.43	-68.19	-138.04	-800.97	630.50	613.82	16.68	37.797	
3,300.00	3,276.35	3,215.14	3,137.24	8.28	10.78	-68.23	-140.39	-825.31	647.84	630.70	17.14	37.794	
3,400.00	3,375.50	3,313.62	3,232.64	8.51	11.15	-68.27	-142.73	-849.66	665.19	647.57	17.62	37.755	
3,500.00	3,474.66	3,412.10	3,328.04	8.74	11.53	-68.30	-145.08	-874.00	682.54	664.43	18.11	37.687	
3,600.00	3,573.82	3,510.59	3,423.43	8.98	11.91	-68.33	-147.42	-898.35	699.88	681.27	18.62	37.594	
3,700.00	3,672.97	3,609.07	3,518.83	9.23	12.30	-68.36	-149.76	-922.70	717.23	698.09	19.14	37.481	
3,800.00	3,772.13	3,707.55	3,614.23	9.48	12.70	-68.39	-152.11	-947.04	734.58	714.91	19.67	37.352	
3,900.00	3,871.28	3,806.04	3,709.63	9.74	13.11	-68.42	-154.45	-971.39	751.92	731.72	20.21	37.209	
4,000.00	3,970.44	3,904.52	3,805.02	10.00	13.52	-68.44	-156.80	-995.73	769.27	748.51	20.76	37.056	
4,100.00	4,069.60	4,003.00	3,900.42	10.27	13.94	-68.47	-159.14	-1,020.08	786.62	765.30	21.32	36.894	
4,200.00	4,168.75	4,101.49	3,995.82	10.54	14.36	-68.49	-161.48	-1,044.42	803.97	782.08	21.89	36.727	
4,300.00	4,267.91	4,200.03	4,091.22	10.81	14.78	-68.52	-163.83	-1,068.77	821.31	798.85	22.47	36.556	
4,400.00	4,367.06	4,298.45	4,186.62	11.09	15.21	-68.54	-166.17	-1,093.12	838.66	815.61	23.05	36.381	
4,500.00	4,466.22	4,403.06	4,282.01	11.37	15.67	-68.56	-168.52	-1,117.46	856.01	832.35	23.66	36.175	
4,600.00	4,565.37	4,504.58	4,377.41	11.65	16.13	-68.58	-170.86	-1,141.81	873.36	849.09	24.27	35.984	
4,700.00	4,664.53	4,606.10	4,472.81	11.94	16.58	-68.60	-173.20	-1,166.15	890.71	865.82	24.88	35.794	
4,800.00	4,763.69	4,707.61	4,568.21	12.23	17.04	-68.62	-175.55	-1,190.50	908.06	882.55	25.50	35.606	
4,900.00	4,862.84	4,809.13	4,663.60	12.52	17.50	-68.64	-177.89	-1,214.85	925.40	899.28	26.13	35.419	
5,000.00	4,962.00	4,889.35	4,759.00	12.81	17.86	-68.65	-180.24	-1,239.19	942.75	916.07	26.68	35.331	
5,100.00	5,061.15	4,987.84	4,854.40	13.11	18.31	-68.67	-182.58	-1,263.54	960.10	932.79	27.31	35.161	
5,200.00	5,160.31	5,086.32	4,949.80	13.40	18.77	-68.69	-184.92	-1,287.88	977.45	949.52	27.93	34.994	
5,300.00	5,259.47	5,184.80	5,045.20	13.70	19.22	-68.70	-187.27	-1,312.23	994.80	966.24	28.56	34.829	
5,400.00	5,358.62	5,283.29	5,140.59	14.00	19.68	-68.72	-189.61	-1,336.58	1,012.15	982.95	29.20	34.667	
5,500.00	5,457.78	5,381.77	5,235.99	14.31	20.14	-68.73	-191.96	-1,360.92	1,029.50	999.66	29.83	34.509	
5,600.00	5,556.93	5,480.25	5,331.39	14.61	20.60	-68.74	-194.30	-1,385.27	1,046.84	1,016.37	30.47	34.353	
5,700.00	5,656.09	5,578.74	5,426.79	14.92	21.06	-68.76	-196.64	-1,409.61	1,064.19	1,033.08	31.12	34.201	
5,800.00	5,755.24	5,677.22	5,522.18	15.22	21.52	-68.77	-198.99	-1,433.96	1,081.54	1,049.78	31.76	34.052	
5,900.00	5,854.40	5,775.70	5,617.58	15.53	21.99	-68.78	-201.33	-1,458.31	1,098.89	1,066.48	32.41	33.906	
6,000.00	5,953.56	5,729.21	5,654.40	15.84	22.46	-131.32	-227.21	-606.83	1,105.73	1,067.11	38.62	28.632	
6,100.00	6,052.71	5,720.98	5,654.20	16.15	22.93	-130.66	-227.23	-615.06	1,031.42	991.11	40.31	25.587	
6,200.00	6,151.87	5,712.75	5,654.01	16.46	23.40	-130.00	-227.26	-623.29	961.70	919.51	42.19	22.795	
6,300.00	6,251.02	5,704.52	5,653.82	16.78	23.87	-129.35	-227.29	-631.52	897.64	853.41	44.23	20.293	
6,400.00	6,350.18	5,703.71	5,653.63	17.09	24.34	-128.69	-227.32	-639.75	840.55	794.03	46.52	18.067	

Offset Design										5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft	
Survey Program:										0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance																
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	+N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning									
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)	(usft)											
6,500.00	6,449.03	7,685.75	6,853.38	17.41	35.91	-116.56	-227.35	-650.29		792.06	743.51	48.55	16.316										
6,600.00	6,545.03	7,661.38	6,852.82	17.84	35.42	-109.15	-227.43	-674.64		754.52	704.18	50.34	14.987										
6,700.00	6,635.69	7,622.17	6,851.90	18.41	34.62	-105.04	-227.56	-713.85		729.18	677.59	51.59	14.134										
6,800.00	6,718.78	7,569.06	6,850.67	19.14	33.59	-100.82	-227.74	-766.94		715.62	663.38	52.24	13.698										
6,895.57	6,789.23	7,506.53	6,849.21	20.02	32.42	-96.31	-227.95	-829.46		711.93	659.53	52.40	13.587	SF									
6,900.00	6,792.26	7,503.37	6,849.14	20.06	32.36	-96.09	-227.96	-832.61		711.94	659.55	52.39	13.590										
7,000.00	6,854.31	7,426.72	6,847.35	21.22	31.05	-91.18	-228.21	-909.25		715.15	662.84	52.31	13.672										
7,100.00	6,903.40	7,342.80	6,844.87	22.66	29.71	-86.67	-228.48	-993.12		721.96	669.73	52.23	13.822										
7,200.00	6,938.33	7,262.89	6,834.77	24.35	28.56	-82.73	-228.54	-1,072.34		730.40	677.97	52.43	13.930										
7,300.00	6,958.23	7,186.45	6,815.90	26.27	27.58	-79.21	-228.39	-1,146.36		739.71	686.84	52.87	13.992										
7,400.00	6,962.97	7,112.85	6,789.48	28.34	26.77	-76.29	-228.03	-1,215.01		749.23	695.74	53.50	14.006										
7,500.00	6,962.81	7,045.05	6,758.28	30.55	26.15	-73.99	-227.53	-1,275.17		761.93	707.73	54.20	14.058										
7,600.00	6,962.66	6,984.75	6,725.29	32.87	25.71	-71.60	-226.94	-1,325.62		780.18	725.33	54.84	14.226										
7,700.00	6,962.51	6,931.68	6,692.43	35.30	25.39	-69.28	-226.33	-1,367.27		804.74	749.42	55.33	14.545										
7,800.00	6,962.35	6,885.23	6,660.91	37.80	25.17	-67.12	-225.72	-1,401.37		836.05	780.45	55.60	15.036										
7,900.00	6,962.20	6,850.00	6,635.39	40.36	25.02	-65.41	-225.21	-1,425.64		874.20	818.50	55.69	15.697										
8,000.00	6,962.05	6,809.15	6,604.17	42.98	24.90	-63.38	-224.58	-1,451.97		918.86	863.31	55.55	16.542										
8,100.00	6,961.90	6,778.03	6,579.30	45.64	24.82	-61.81	-224.06	-1,470.66		969.69	914.41	55.28	17.542										
8,200.00	6,961.74	6,750.00	6,556.13	48.33	24.75	-60.38	-223.58	-1,486.43		1,026.11	971.21	54.89	18.693										
8,300.00	6,961.59	6,726.45	6,536.15	51.05	24.71	-59.18	-223.15	-1,498.88		1,087.50	1,033.05	54.45	19.972										
8,400.00	6,961.44	6,700.00	6,513.18	53.80	24.67	-57.84	-222.66	-1,511.97		1,153.32	1,099.37	53.95	21.379										

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1													Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	3.00	3.28	3.28	-107.90	-58.29	-180.43	189.61					
100.00	100.00	103.00	103.00	3.28	3.28	-107.90	-58.29	-180.43	189.61	182.08	7.53	25.189		
200.00	200.00	203.00	203.00	3.30	3.30	-107.90	-58.29	-180.43	189.61	182.04	7.57	25.049		
270.24	270.24	271.86	271.86	3.33	3.33	-53.40	-58.29	-180.51	189.44	181.81	7.62	24.846	CC, ES	
300.00	300.00	299.84	299.83	3.35	3.34	-53.36	-58.30	-180.86	189.79	182.14	7.65	24.802		
400.00	399.93	393.84	393.78	3.41	3.40	-53.86	-58.37	-184.04	190.95	183.19	7.76	24.593		
500.00	499.68	487.75	487.48	3.50	3.48	-54.84	-58.51	-190.28	193.23	185.32	7.91	24.421		
600.00	599.13	581.51	580.77	3.61	3.58	-56.28	-58.72	-199.58	196.72	188.62	8.10	24.291		
700.00	698.30	675.09	673.53	3.75	3.71	-57.93	-59.00	-211.90	202.09	193.76	8.33	24.272		
800.00	797.45	768.40	765.57	3.92	3.87	-59.21	-59.35	-227.19	210.59	201.99	8.60	24.500		
900.00	896.61	861.24	856.62	4.10	4.07	-60.06	-59.76	-245.37	222.14	213.24	8.90	24.952		
1,000.00	995.76	953.69	946.64	4.31	4.30	-60.53	-60.24	-266.40	236.65	227.41	9.24	25.599		
1,100.00	1,094.92	1,052.42	1,042.43	4.53	4.60	-60.83	-60.78	-290.27	252.52	242.85	9.67	26.112		
1,200.00	1,194.08	1,151.15	1,138.23	4.76	4.93	-61.09	-61.32	-314.15	268.39	258.26	10.13	26.500		
1,300.00	1,293.23	1,249.87	1,234.02	5.01	5.28	-61.33	-61.86	-338.03	284.26	273.65	10.61	26.783		
1,400.00	1,392.39	1,348.60	1,329.81	5.26	5.65	-61.54	-62.40	-361.91	300.14	289.01	11.13	26.976		
1,500.00	1,491.54	1,447.32	1,425.60	5.53	6.03	-61.73	-62.95	-385.78	316.02	304.37	11.65	27.123		
1,600.00	1,590.70	1,546.05	1,521.40	5.80	6.43	-61.90	-63.49	-409.66	331.91	319.71	12.20	27.204		
1,700.00	1,689.86	1,644.77	1,617.19	6.08	6.84	-62.05	-64.03	-433.54	347.80	335.03	12.76	27.247		
1,800.00	1,789.01	1,743.50	1,712.98	6.23	7.18	-62.19	-64.57	-457.42	363.69	350.75	12.94	28.106		
1,900.00	1,888.17	1,842.22	1,808.78	6.26	7.34	-62.32	-65.11	-481.30	379.58	366.68	12.91	29.412		
2,000.00	1,987.32	1,940.95	1,904.57	6.31	7.42	-62.44	-65.65	-505.17	395.48	382.48	12.99	30.435		
2,100.00	2,086.48	2,039.68	2,000.36	6.38	7.54	-62.55	-66.20	-529.05	411.37	398.25	13.12	31.355		
2,200.00	2,185.63	2,138.40	2,096.16	6.46	7.68	-62.66	-66.74	-552.93	427.27	413.99	13.28	32.168		
2,300.00	2,284.79	2,237.13	2,191.95	6.56	7.84	-62.75	-67.28	-576.81	443.17	429.69	13.48	32.876		
2,400.00	2,383.95	2,335.85	2,287.74	6.68	8.04	-62.84	-67.82	-600.68	459.07	445.36	13.71	33.481		
2,500.00	2,483.10	2,434.58	2,383.53	6.81	8.25	-62.92	-68.36	-624.56	474.97	461.00	13.97	33.989		
2,600.00	2,582.26	2,533.30	2,479.33	6.95	8.49	-63.00	-68.90	-648.44	490.87	476.61	14.27	34.405		
2,700.00	2,681.41	2,632.03	2,575.12	7.11	8.75	-63.07	-69.45	-672.32	506.78	492.19	14.59	34.737		
2,800.00	2,780.57	2,730.75	2,670.91	7.28	9.03	-63.14	-69.99	-696.19	522.68	507.74	14.94	34.993		
2,900.00	2,879.73	2,829.48	2,766.71	7.46	9.32	-63.20	-70.53	-720.07	538.58	523.27	15.31	35.180		
3,000.00	2,978.88	2,928.20	2,862.50	7.65	9.63	-63.26	-71.07	-743.95	554.49	538.78	15.70	35.307		
3,100.00	3,078.04	3,026.93	2,958.29	7.85	9.96	-63.32	-71.61	-767.83	570.39	554.27	16.12	35.382		
3,200.00	3,177.19	3,125.66	3,054.08	8.06	10.29	-63.37	-72.15	-791.71	586.30	569.74	16.56	35.412		
3,300.00	3,276.35	3,224.38	3,149.88	8.28	10.64	-63.42	-72.70	-815.58	602.20	585.19	17.01	35.403		
3,400.00	3,375.50	3,323.11	3,245.67	8.51	11.00	-63.47	-73.24	-839.46	618.11	600.63	17.48	35.361		
3,500.00	3,474.66	3,421.83	3,341.46	8.74	11.36	-63.52	-73.78	-863.34	634.02	616.05	17.97	35.291		
3,600.00	3,573.82	3,520.56	3,437.26	8.98	11.74	-63.56	-74.32	-887.22	649.93	631.46	18.46	35.199		
3,700.00	3,672.97	3,619.28	3,533.05	9.23	12.12	-63.60	-74.86	-911.09	665.83	646.86	18.98	35.088		
3,800.00	3,772.13	3,718.01	3,628.84	9.48	12.51	-63.64	-75.40	-934.97	681.74	662.24	19.50	34.962		
3,900.00	3,871.28	3,816.73	3,724.64	9.74	12.91	-63.68	-75.95	-958.85	697.65	677.62	20.03	34.823		
4,000.00	3,970.44	3,915.46	3,820.43	10.00	13.31	-63.71	-76.49	-982.73	713.56	692.98	20.58	34.675		
4,100.00	4,069.60	4,014.19	3,916.22	10.27	13.72	-63.75	-77.03	-1,006.61	729.47	708.33	21.13	34.519		
4,200.00	4,168.75	4,112.91	4,012.01	10.54	14.13	-63.78	-77.57	-1,030.48	745.38	723.68	21.69	34.358		
4,300.00	4,267.91	4,211.64	4,107.81	10.81	14.55	-63.81	-78.11	-1,054.36	761.29	739.02	22.26	34.194		
4,400.00	4,367.06	4,310.36	4,203.60	11.09	14.97	-63.84	-78.65	-1,078.24	777.20	754.35	22.84	34.026		
4,500.00	4,466.22	4,409.09	4,299.39	11.37	15.39	-63.87	-79.20	-1,102.12	793.10	769.68	23.42	33.857		
4,600.00	4,565.37	4,507.81	4,395.19	11.65	15.82	-63.90	-79.74	-1,125.99	809.01	785.00	24.01	33.688		
4,700.00	4,664.53	4,606.54	4,490.98	11.94	16.25	-63.93	-80.28	-1,149.87	824.93	800.31	24.61	33.519		
4,800.00	4,763.69	4,705.26	4,586.77	12.23	16.68	-63.95	-80.82	-1,173.75	840.84	815.62	25.21	33.351		
4,900.00	4,862.84	4,803.99	4,682.56	12.52	17.12	-63.98	-81.36	-1,197.63	856.75	830.93	25.82	33.185		
5,000.00	4,962.00	4,902.71	4,778.36	12.81	17.56	-64.00	-81.90	-1,221.50	872.66	846.23	26.43	33.020		
5,100.00	5,061.15	5,001.44	4,874.15	13.11	18.00	-64.02	-82.45	-1,245.38	888.57	861.52	27.04	32.858		
5,200.00	5,160.31	5,100.17	4,969.94	13.40	18.44	-64.05	-82.99	-1,269.26	904.48	876.82	27.66	32.698		
5,300.00	5,259.47	5,201.11	5,065.74	13.70	18.90	-64.07	-83.53	-1,293.14	920.39	892.10	28.29	32.532		
5,400.00	5,358.62	5,302.38	5,161.53	14.00	19.36	-64.09	-84.07	-1,317.02	936.30	907.37	28.93	32.368		
5,500.00	5,457.78	5,396.34	5,257.32	14.31	19.78	-64.11	-84.61	-1,340.89	952.21	922.67	29.54	32.234		
5,600.00	5,556.93	5,504.93	5,353.12	14.61	20.28	-64.13	-85.15	-1,364.77	968.12	937.92	30.21	32.050		
5,700.00	5,656.09	5,606.21	5,448.91	14.92	20.74	-64.15	-85.70	-1,388.65	984.03	953.18	30.85	31.896		
5,800.00	5,755.24	5,707.48	5,544.70	15.22	21.21	-64.17	-86.24	-1,412.53	999.95	968.45	31.50	31.746		
5,900.00	5,854.40	5,808.76	5,640.49	15.53	21.67	-64.18	-86.78	-1,436.40	1,015.86	983.71	32.15	31.599		
6,000.00	5,953.56	5,889.97	5,736.29	15.84	22.05	-64.20	-87.32	-1,460.28	1,031.77	999.04	32.73	31.523		
6,100.00	6,052.71	5,988.70	5,832.08	16.15	22.51	-64.22	-87.86	-1,484.16	1,047.68	1,014.31	33.38	31.391		
6,200.00	6,151.87	7,835.44	6,983.32	16.46	36.50	-131.89	-95.77	-627.72	982.95	945.06	37.89	25.942		
6,300.00	6,251.02	7,826.99	6,983.14	16.78	36.33	-131.08	-95.76	-636.16	905.20	865.53	39.67	22.818		
6,400.00	6,350.18	7,818.55	6,982.95	17.09	36.15	-130.27	-95.75	-644.60	832.13	790.41	41.72	19.947		

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
6,500.00	6,449.03	7,807.80	6,982.72	17.41	35.92	-119.59	-95.73	-655.35	765.24	721.26	43.98	17.398	
6,600.00	6,545.03	7,783.22	6,982.20	17.84	35.42	-114.49	-95.70	-679.92	707.46	661.22	46.24	15.299	
6,700.00	6,635.69	7,743.81	6,981.35	18.41	34.64	-112.15	-95.65	-719.33	661.17	612.88	48.29	13.693	
6,800.00	6,718.78	7,690.52	6,980.20	19.14	33.60	-109.29	-95.57	-772.60	627.48	577.56	49.92	12.571	
6,900.00	6,792.26	7,624.67	6,978.79	20.06	32.40	-105.52	-95.48	-838.44	605.91	554.83	51.08	11.862	
7,000.00	6,854.31	7,547.88	6,977.14	21.22	31.09	-101.19	-95.38	-915.21	594.46	542.62	51.83	11.468	
7,100.00	6,903.40	7,457.86	6,974.13	22.66	29.66	-96.64	-95.25	-1,005.16	590.03	537.71	52.32	11.278	
7,180.05	6,932.54	7,381.94	6,963.60	24.01	28.59	-92.87	-95.10	-1,080.31	589.08	536.31	52.77	11.163	
7,200.00	6,938.33	7,363.73	6,959.75	24.35	28.35	-91.96	-95.05	-1,098.11	589.14	536.26	52.88	11.141	
7,300.00	6,958.23	7,276.04	6,934.17	26.27	27.29	-87.58	-94.80	-1,181.91	591.05	537.44	53.61	11.024	
7,400.00	6,962.97	7,193.48	6,899.78	28.34	26.46	-83.60	-94.50	-1,256.89	595.37	540.93	54.44	10.937	
7,500.00	6,962.81	7,119.57	6,860.98	30.55	25.89	-79.92	-94.20	-1,319.76	604.07	548.83	55.24	10.936 SF	
7,600.00	6,962.66	7,055.93	6,821.93	32.87	25.49	-76.30	-93.90	-1,369.97	619.72	563.93	55.79	11.108	
7,700.00	6,962.51	7,000.00	6,783.62	35.30	25.23	-72.85	-93.62	-1,410.70	643.62	587.65	55.97	11.499	
7,800.00	6,962.35	6,955.29	6,750.52	37.80	25.07	-69.96	-93.39	-1,440.74	676.30	620.52	55.78	12.124	
7,900.00	6,962.20	6,915.76	6,719.56	40.36	24.96	-67.35	-93.17	-1,465.30	717.61	662.35	55.26	12.986	
8,000.00	6,962.05	6,881.86	6,691.84	42.98	24.88	-65.10	-92.99	-1,484.81	766.92	712.40	54.52	14.068	
8,100.00	6,961.90	6,850.00	6,664.87	45.64	24.81	-62.98	-92.80	-1,501.77	823.33	769.69	53.63	15.351	
8,200.00	6,961.74	6,827.26	6,645.12	48.33	24.78	-61.47	-92.67	-1,513.03	885.85	833.11	52.74	16.796	
8,300.00	6,961.59	6,800.00	6,620.94	51.05	24.74	-59.68	-92.51	-1,525.60	953.61	901.78	51.83	18.399	
8,400.00	6,961.44	6,785.64	6,607.98	53.80	24.73	-58.75	-92.43	-1,531.81	1,025.68	974.67	51.01	20.106	
8,500.00	6,961.29	6,768.43	6,592.28	56.58	24.71	-57.65	-92.33	-1,538.85	1,101.44	1,051.20	50.24	21.923	
8,600.00	6,961.13	6,750.00	6,575.26	59.37	24.69	-56.48	-92.22	-1,545.92	1,180.28	1,130.75	49.53	23.829	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	3.00	3.00	3.28	3.28	-95.89	-18.58	-180.15	181.10				
100.00	100.00	103.00	103.00	3.28	3.28	-95.89	-18.58	-180.15	181.10	173.58	7.53	24.059	
200.00	200.00	203.00	203.00	3.30	3.30	-95.89	-18.58	-180.15	181.10	173.53	7.57	23.925	
255.36	255.36	257.89	257.89	3.32	3.32	-41.34	-18.58	-180.16	180.91	173.30	7.61	23.768	
300.00	300.00	300.03	300.03	3.35	3.34	-41.33	-18.47	-180.57	181.21	173.56	7.65	23.679	
400.00	399.93	394.41	394.35	3.41	3.40	-41.66	-17.69	-183.68	181.78	174.01	7.77	23.405	
500.00	499.68	488.77	488.49	3.50	3.48	-42.32	-16.14	-189.79	182.84	174.93	7.92	23.098	
600.00	599.13	583.08	582.33	3.61	3.59	-43.31	-13.83	-198.90	184.44	176.34	8.10	22.765	
700.00	698.30	677.33	675.75	3.75	3.72	-44.41	-10.77	-210.99	187.38	179.05	8.33	22.502	
800.00	797.45	771.41	768.54	3.92	3.88	-45.13	-6.97	-226.02	193.32	184.72	8.59	22.499	
900.00	896.61	865.12	860.40	4.10	4.08	-45.43	-2.44	-243.92	202.25	193.36	8.89	22.744	
1,000.00	995.76	958.25	951.06	4.31	4.31	-45.36	2.79	-264.59	214.15	204.92	9.23	23.209	
1,100.00	1,094.92	1,056.86	1,046.62	4.53	4.61	-45.10	8.76	-288.20	227.71	218.07	9.64	23.622	
1,200.00	1,194.08	1,155.93	1,142.62	4.76	4.94	-44.87	14.77	-311.92	241.29	231.21	10.09	23.921	
1,300.00	1,293.23	1,255.00	1,238.62	5.01	5.29	-44.66	20.77	-335.64	254.87	244.31	10.56	24.135	
1,400.00	1,392.39	1,354.07	1,334.62	5.26	5.67	-44.48	26.77	-359.36	268.46	257.40	11.06	24.271	
1,500.00	1,491.54	1,453.14	1,430.62	5.53	6.06	-44.31	32.77	-383.09	282.05	270.48	11.57	24.378	
1,600.00	1,590.70	1,552.21	1,526.62	5.80	6.46	-44.16	38.78	-406.81	295.64	283.53	12.10	24.426	
1,700.00	1,689.86	1,651.28	1,622.62	6.08	6.88	-44.02	44.78	-430.53	309.23	296.58	12.65	24.445	
1,800.00	1,789.01	1,750.35	1,718.62	6.23	7.20	-43.90	50.78	-454.25	322.82	310.02	12.80	25.222	
1,900.00	1,888.17	1,849.42	1,814.62	6.26	7.36	-43.78	56.79	-477.98	336.41	323.67	12.74	26.400	
2,000.00	1,987.32	1,948.49	1,910.62	6.31	7.44	-43.67	62.79	-501.70	350.01	337.19	12.82	27.304	
2,100.00	2,086.48	2,047.56	2,006.62	6.38	7.56	-43.57	68.79	-525.42	363.61	350.67	12.93	28.117	
2,200.00	2,185.63	2,146.63	2,102.62	6.46	7.70	-43.48	74.79	-549.14	377.20	364.12	13.08	28.838	
2,300.00	2,284.79	2,245.70	2,198.62	6.56	7.88	-43.39	80.80	-572.87	390.80	377.54	13.26	29.467	
2,400.00	2,383.95	2,344.77	2,294.62	6.68	8.07	-43.31	86.80	-596.59	404.40	390.92	13.48	30.006	
2,500.00	2,483.10	2,443.84	2,390.62	6.81	8.30	-43.24	92.80	-620.31	418.00	404.28	13.72	30.460	
2,600.00	2,582.26	2,542.91	2,486.62	6.95	8.54	-43.17	98.81	-644.03	431.60	417.60	14.00	30.833	
2,700.00	2,681.41	2,641.97	2,582.61	7.11	8.81	-43.10	104.81	-667.75	445.20	430.90	14.30	31.132	
2,800.00	2,780.57	2,741.04	2,678.61	7.28	9.09	-43.04	110.81	-691.48	458.81	444.18	14.63	31.364	
2,900.00	2,879.73	2,840.11	2,774.61	7.46	9.39	-42.98	116.81	-715.20	472.41	457.43	14.98	31.535	
3,000.00	2,978.88	2,939.18	2,870.61	7.65	9.71	-42.93	122.82	-738.92	486.01	470.66	15.35	31.653	
3,100.00	3,078.04	3,038.25	2,966.61	7.85	10.04	-42.88	128.82	-762.64	499.61	483.87	15.75	31.725	
3,200.00	3,177.19	3,137.32	3,062.61	8.06	10.38	-42.83	134.82	-786.37	513.22	497.06	16.16	31.755	
3,300.00	3,276.35	3,236.39	3,158.61	8.28	10.73	-42.78	140.83	-810.09	526.82	510.23	16.59	31.751	
3,400.00	3,375.50	3,335.46	3,254.61	8.51	11.09	-42.73	146.83	-833.81	540.43	523.39	17.04	31.717	
3,500.00	3,474.66	3,434.53	3,350.61	8.74	11.47	-42.69	152.83	-857.53	554.03	536.53	17.50	31.658	
3,600.00	3,573.82	3,533.60	3,446.61	8.98	11.85	-42.65	158.83	-881.26	567.64	549.66	17.98	31.579	
3,700.00	3,672.97	3,632.67	3,542.61	9.23	12.24	-42.61	164.84	-904.98	581.24	562.78	18.46	31.482	
3,800.00	3,772.13	3,731.74	3,638.61	9.48	12.63	-42.58	170.84	-928.70	594.85	575.88	18.96	31.371	
3,900.00	3,871.28	3,830.81	3,734.61	9.74	13.03	-42.54	176.84	-952.42	608.45	588.98	19.47	31.249	
4,000.00	3,970.44	3,929.88	3,830.61	10.00	13.44	-42.51	182.85	-976.14	622.06	602.07	19.99	31.118	
4,100.00	4,069.60	4,028.95	3,926.61	10.27	13.85	-42.48	188.85	-999.87	635.66	615.14	20.52	30.980	
4,200.00	4,168.75	4,128.02	4,022.61	10.54	14.27	-42.45	194.85	-1,023.59	649.27	628.21	21.05	30.837	
4,300.00	4,267.91	4,227.09	4,118.61	10.81	14.69	-42.42	200.85	-1,047.31	662.88	641.28	21.60	30.690	
4,400.00	4,367.06	4,326.16	4,214.61	11.09	15.12	-42.39	206.86	-1,071.03	676.48	654.33	22.15	30.541	
4,500.00	4,466.22	4,425.22	4,310.61	11.37	15.55	-42.36	212.86	-1,094.76	690.09	667.38	22.71	30.390	
4,600.00	4,565.37	4,524.29	4,406.61	11.65	15.98	-42.34	218.86	-1,118.48	703.70	680.42	23.27	30.239	
4,700.00	4,664.53	4,623.36	4,502.61	11.94	16.42	-42.31	224.87	-1,142.20	717.30	693.46	23.84	30.087	
4,800.00	4,763.69	4,722.43	4,598.61	12.23	16.86	-42.29	230.87	-1,165.92	730.91	706.49	24.42	29.936	
4,900.00	4,862.84	4,821.50	4,694.61	12.52	17.30	-42.26	236.87	-1,189.65	744.52	719.52	24.99	29.787	
5,000.00	4,962.00	4,920.57	4,790.61	12.81	17.74	-42.24	242.87	-1,213.37	758.12	732.55	25.58	29.639	
5,100.00	5,061.15	5,019.64	4,886.61	13.11	18.19	-42.22	248.88	-1,237.09	771.73	745.56	26.17	29.493	
5,200.00	5,160.31	5,118.71	4,982.61	13.40	18.64	-42.20	254.88	-1,260.81	785.34	758.58	26.76	29.349	
5,300.00	5,259.47	5,217.78	5,078.61	13.70	19.09	-42.18	260.88	-1,284.54	798.95	771.59	27.35	29.207	
5,400.00	5,358.62	5,316.85	5,174.61	14.00	19.54	-42.16	266.89	-1,308.26	812.55	784.60	27.95	29.068	
5,500.00	5,457.78	5,415.92	5,270.61	14.31	19.99	-42.14	272.89	-1,331.98	826.16	797.61	28.56	28.931	
5,600.00	5,556.93	5,514.99	5,366.61	14.61	20.45	-42.12	278.89	-1,355.70	839.77	810.61	29.16	28.797	
5,700.00	5,656.09	5,614.06	5,462.61	14.92	20.90	-42.10	284.89	-1,379.42	853.38	823.61	29.77	28.666	
5,800.00	5,755.24	5,713.13	5,558.61	15.22	21.36	-42.09	290.90	-1,403.15	866.99	836.61	30.38	28.538	
5,900.00	5,854.40	5,812.20	5,654.61	15.53	21.82	-42.07	296.90	-1,426.87	880.59	849.60	30.99	28.412	
6,000.00	5,953.56	5,911.27	5,750.61	15.84	22.28	-42.05	302.90	-1,450.59	894.20	862.59	31.61	28.289	
6,100.00	6,052.71	6,010.34	5,846.61	16.15	22.74	-42.04	308.91	-1,474.31	907.81	875.58	32.23	28.169	
6,200.00	6,151.87	7,921.79	7,058.16	16.46	36.93	-151.22	348.41	-630.79	907.50	878.09	29.41	30.854	
6,300.00	6,251.02	7,913.08	7,057.98	16.78	36.75	-148.55	348.67	-639.49	809.42	779.60	29.82	27.146	
6,400.00	6,350.18	7,904.38	7,057.80	17.09	36.57	-145.77	348.94	-648.19	711.77	681.45	30.32	23.476	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance						
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	6,449.03	7,906.64	7,057.57	17.41	36.61	-144.53	349.28	-659.19	614.99	583.95	31.04	19.812	
6,600.00	6,545.03	7,868.55	7,057.04	17.84	35.85	-148.71	350.04	-683.99	521.54	489.81	31.73	16.434	
6,700.00	6,635.69	7,828.91	7,056.21	18.41	35.06	-150.16	351.25	-723.61	434.19	401.43	32.75	13.256	
6,800.00	6,718.78	7,775.42	7,055.09	19.14	34.03	-149.15	352.88	-777.06	355.54	321.34	34.20	10.395	
6,900.00	6,792.26	7,709.39	7,053.70	20.06	32.80	-146.08	354.90	-843.04	288.13	251.83	36.30	7.938	
7,000.00	6,854.31	7,632.46	7,052.08	21.22	31.52	-141.12	357.25	-919.91	234.10	194.87	39.23	5.968	
7,100.00	6,903.40	7,537.22	7,048.59	22.66	30.04	-133.40	360.07	-1,015.03	193.86	151.03	42.83	4.526	
7,200.00	6,938.33	7,432.80	7,030.81	24.35	28.62	-121.19	362.36	-1,117.78	161.01	113.12	47.89	3.362	
7,300.00	6,958.23	7,337.53	7,000.16	26.27	27.53	-105.50	363.54	-1,207.88	138.78	85.66	53.13	2.612	
7,382.33	6,964.09	7,264.98	6,968.00	27.98	26.86	-90.39	363.85	-1,272.87	132.44	77.52	54.91	2.412	CC, ES, SF
7,400.00	6,962.97	7,249.38	6,960.13	28.34	26.73	-87.47	363.84	-1,286.34	132.58	77.76	54.82	2.418	
7,500.00	6,962.81	7,172.07	6,916.42	30.55	26.21	-69.60	363.47	-1,350.05	147.46	96.80	50.66	2.911	
7,600.00	6,962.66	7,106.98	6,873.86	32.87	25.87	-55.52	362.71	-1,399.26	186.16	142.32	43.84	4.246	
7,700.00	6,962.51	7,052.50	6,834.54	35.30	25.66	-45.81	361.75	-1,436.93	242.72	203.85	38.87	6.244	
7,800.00	6,962.35	7,006.85	6,799.22	37.80	25.52	-39.26	360.74	-1,465.82	310.72	274.54	36.19	8.587	
7,900.00	6,962.20	6,968.43	6,767.95	40.36	25.43	-34.74	359.73	-1,488.12	386.12	351.22	34.89	11.065	
8,000.00	6,962.05	6,935.86	6,740.44	42.98	25.37	-31.52	358.78	-1,505.52	466.55	432.22	34.33	13.591	
8,100.00	6,961.90	6,900.00	6,709.17	45.64	25.32	-28.52	357.62	-1,523.02	550.70	516.66	34.04	16.177	
8,200.00	6,961.74	6,884.08	6,694.98	48.33	25.30	-27.34	357.08	-1,530.22	637.31	603.21	34.11	18.686	
8,300.00	6,961.59	6,863.29	6,676.19	51.05	25.27	-25.92	356.33	-1,539.08	726.09	691.91	34.18	21.245	
8,400.00	6,961.44	6,850.00	6,664.03	53.80	25.26	-25.09	355.84	-1,544.42	816.51	782.18	34.33	23.785	
8,500.00	6,961.29	6,829.13	6,644.72	56.58	25.24	-23.88	355.03	-1,552.30	908.15	873.73	34.43	26.379	
8,600.00	6,961.13	6,814.96	6,631.47	59.37	25.23	-23.11	354.46	-1,557.28	1,000.88	966.31	34.57	28.951	
8,700.00	6,960.98	6,800.00	6,617.36	62.17	25.22	-22.36	353.85	-1,562.22	1,094.47	1,059.76	34.71	31.535	
8,800.00	6,960.83	6,800.00	6,617.36	64.99	25.22	-22.36	353.85	-1,562.22	1,188.86	1,153.96	34.91	34.059	

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	0.80	20.04	0.28	20.04				
100.00	100.00	100.00	100.00	3.28	3.28	0.80	20.04	0.28	20.04	12.52	7.53	2.663	
200.00	200.00	200.00	200.00	3.30	3.30	0.80	20.04	0.28	20.04	12.47	7.57	2.648	
282.87	282.87	282.71	282.71	3.34	3.34	56.45	20.18	0.15	19.84	12.21	7.64	2.599	CC
300.00	300.00	299.74	299.74	3.35	3.35	55.58	20.36	-0.01	20.11	12.46	7.65	2.628	
400.00	399.93	399.23	399.16	3.41	3.41	57.02	22.94	-2.31	20.70	12.92	7.78	2.662	
500.00	499.68	498.69	498.38	3.50	3.50	59.65	28.10	-6.90	21.91	13.96	7.94	2.758	
600.00	599.13	598.14	597.29	3.61	3.61	63.09	35.82	-13.78	23.80	15.64	8.16	2.916	
700.00	698.30	702.47	695.72	3.75	3.76	64.86	46.09	-22.93	26.85	18.41	8.44	3.182	
800.00	797.45	802.55	794.40	3.92	3.93	63.73	57.76	-33.33	31.00	22.23	8.77	3.536	
900.00	896.61	902.64	893.08	4.10	4.13	62.87	69.43	-43.72	35.16	26.02	9.14	3.847	
1,000.00	995.76	1,002.73	991.76	4.31	4.35	62.19	81.10	-54.12	39.32	29.78	9.55	4.119	
1,100.00	1,094.92	1,102.82	1,090.44	4.53	4.58	61.64	92.77	-64.52	43.49	33.51	9.99	4.355	
1,200.00	1,194.08	1,202.90	1,189.13	4.76	4.84	61.19	104.44	-74.91	47.67	37.22	10.45	4.561	
1,300.00	1,293.23	1,297.01	1,287.81	5.01	5.09	60.81	116.11	-85.31	51.84	40.92	10.93	4.745	
1,400.00	1,392.39	1,396.92	1,386.49	5.26	5.36	60.49	127.77	-95.71	56.02	44.59	11.43	4.900	
1,500.00	1,491.54	1,503.17	1,485.17	5.53	5.67	60.21	139.44	-106.11	60.20	48.23	11.98	5.027	
1,600.00	1,590.70	1,603.26	1,583.86	5.80	5.96	59.97	151.11	-116.50	64.38	51.87	12.52	5.144	
1,700.00	1,689.86	1,703.34	1,682.54	6.08	6.26	59.75	162.78	-126.90	68.56	55.50	13.07	5.248	
1,800.00	1,789.01	1,803.43	1,781.22	6.23	6.42	59.56	174.45	-137.30	72.75	59.77	12.98	5.607	
1,900.00	1,888.17	1,903.52	1,879.90	6.26	6.46	59.40	186.12	-147.70	76.93	63.90	13.03	5.904	
2,000.00	1,987.32	1,996.39	1,978.58	6.31	6.51	59.25	197.79	-158.09	81.11	68.00	13.12	6.183	
2,100.00	2,086.48	2,103.69	2,077.27	6.38	6.60	59.11	209.46	-168.49	85.30	72.05	13.25	6.438	
2,200.00	2,185.63	2,203.78	2,175.95	6.46	6.69	58.99	221.13	-178.89	89.48	76.07	13.41	6.673	
2,300.00	2,284.79	2,303.87	2,274.63	6.56	6.81	58.87	232.80	-189.29	93.67	80.07	13.60	6.886	
2,400.00	2,383.95	2,403.96	2,373.31	6.68	6.94	58.77	244.47	-199.68	97.86	84.03	13.83	7.078	
2,500.00	2,483.10	2,504.05	2,471.99	6.81	7.09	58.68	256.14	-210.08	102.04	87.96	14.08	7.248	
2,600.00	2,582.26	2,604.13	2,570.68	6.95	7.25	58.59	267.81	-220.48	106.23	91.87	14.36	7.397	
2,700.00	2,681.41	2,704.22	2,669.36	7.11	7.43	58.51	279.48	-230.88	110.41	95.75	14.67	7.528	
2,800.00	2,780.57	2,804.31	2,768.04	7.28	7.62	58.44	291.15	-241.27	114.60	99.60	15.00	7.640	
2,900.00	2,879.73	2,904.40	2,866.72	7.46	7.83	58.37	302.82	-251.67	118.79	103.43	15.35	7.736	
3,000.00	2,978.88	3,004.48	2,965.41	7.65	8.04	58.30	314.49	-262.07	122.97	107.24	15.73	7.818	
3,100.00	3,078.04	3,104.57	3,064.09	7.85	8.26	58.24	326.16	-272.46	127.16	111.04	16.13	7.886	
3,200.00	3,177.19	3,195.34	3,162.77	8.06	8.47	58.19	337.83	-282.86	131.35	114.83	16.52	7.951	
3,300.00	3,276.35	3,304.75	3,261.45	8.28	8.74	58.13	349.50	-293.26	135.54	118.57	16.97	7.987	
3,400.00	3,375.50	3,404.84	3,360.13	8.51	8.99	58.08	361.17	-303.66	139.72	122.31	17.42	8.023	
3,500.00	3,474.66	3,504.92	3,458.82	8.74	9.25	58.04	372.84	-314.05	143.91	126.03	17.88	8.050	
3,600.00	3,573.82	3,605.01	3,557.50	8.98	9.51	57.99	384.51	-324.45	148.10	129.75	18.35	8.071	
3,700.00	3,672.97	3,705.10	3,656.18	9.23	9.78	57.95	396.18	-334.85	152.29	133.45	18.84	8.085	
3,800.00	3,772.13	3,794.81	3,754.86	9.48	10.03	57.91	407.85	-345.25	156.47	137.17	19.31	8.105	
3,900.00	3,871.28	3,905.27	3,853.54	9.74	10.34	57.88	419.52	-355.64	160.66	140.82	19.84	8.098	
4,000.00	3,970.44	3,994.64	3,952.23	10.00	10.59	57.84	431.19	-366.04	164.85	144.52	20.33	8.109	
4,100.00	4,069.60	4,105.45	4,050.91	10.27	10.92	57.81	442.86	-376.44	169.04	148.16	20.88	8.095	
4,200.00	4,168.75	4,205.54	4,149.59	10.54	11.21	57.77	454.53	-386.84	173.23	151.81	21.42	8.089	
4,300.00	4,267.91	4,294.37	4,248.27	10.81	11.47	57.74	466.20	-397.23	177.41	155.49	21.93	8.092	
4,400.00	4,367.06	4,405.71	4,346.96	11.09	11.81	57.71	477.87	-407.63	181.60	159.10	22.51	8.069	
4,500.00	4,466.22	4,505.80	4,445.64	11.37	12.12	57.69	489.54	-418.03	185.79	162.73	23.06	8.057	
4,600.00	4,565.37	4,594.11	4,544.32	11.65	12.39	57.66	501.21	-428.42	189.98	166.39	23.59	8.054	
4,700.00	4,664.53	4,705.98	4,643.00	11.94	12.74	57.63	512.88	-438.82	194.17	169.98	24.19	8.028	
4,800.00	4,763.69	4,806.07	4,741.68	12.23	13.05	57.61	524.55	-449.22	198.35	173.60	24.76	8.012	
4,900.00	4,862.84	4,906.15	4,840.37	12.52	13.37	57.59	536.22	-459.62	202.54	177.21	25.33	7.995	
5,000.00	4,962.00	5,006.24	4,939.05	12.81	13.68	57.56	547.89	-470.01	206.73	180.82	25.92	7.977	
5,100.00	5,061.15	5,093.67	5,037.73	13.11	13.96	57.54	559.56	-480.41	210.92	184.46	26.46	7.971	
5,200.00	5,160.31	5,193.58	5,136.41	13.40	14.29	57.52	571.23	-490.81	215.11	188.06	27.05	7.952	
5,300.00	5,259.47	5,306.50	5,235.09	13.70	14.65	57.50	582.89	-501.21	219.30	191.62	27.68	7.922	
5,400.00	5,358.62	5,406.59	5,333.78	14.00	14.98	57.48	594.56	-511.60	223.49	195.21	28.28	7.903	
5,500.00	5,457.78	5,506.68	5,432.46	14.31	15.30	57.46	606.23	-522.00	227.67	198.80	28.88	7.884	
5,600.00	5,556.93	5,606.77	5,531.14	14.61	15.63	57.45	617.90	-532.40	231.86	202.38	29.48	7.865	
5,700.00	5,656.09	5,706.86	5,629.82	14.92	15.96	57.43	629.57	-542.80	236.05	205.97	30.08	7.847	
5,800.00	5,755.24	5,806.94	5,728.51	15.22	16.30	57.41	641.24	-553.19	240.24	209.55	30.69	7.828	
5,900.00	5,854.40	5,907.03	5,827.19	15.53	16.63	57.40	652.91	-563.59	244.43	213.13	31.30	7.809	
6,000.00	5,953.56	6,007.12	5,925.87	15.84	16.96	57.38	664.58	-573.99	248.62	216.70	31.91	7.790	
6,100.00	6,052.71	6,107.21	6,024.55	16.15	17.30	57.37	676.25	-584.39	252.81	220.28	32.53	7.772	
6,200.00	6,151.87	6,207.29	6,123.23	16.46	17.63	57.35	687.92	-594.78	256.99	223.85	33.14	7.754	
6,300.00	6,251.02	6,307.38	6,221.92	16.78	17.97	57.34	699.59	-605.18	261.18	227.42	33.76	7.736	
6,400.00	6,350.18	6,407.47	6,320.60	17.09	18.31	57.32	711.26	-615.58	265.37	230.99	34.38	7.718	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft				
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft				
Reference		Offset		Semi Major Axis		Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,449.03	6,507.63	6,419.21	17.41	18.65	71.42	722.92	-625.97	269.68	234.62	35.06	7.693		
6,600.00	6,545.03	6,590.82	6,516.45	17.84	18.93	83.41	734.42	-636.21	275.21	239.20	36.01	7.642		
6,700.00	6,635.69	6,689.09	6,613.41	18.41	19.27	92.27	745.87	-647.23	284.31	246.97	37.34	7.613		
6,800.00	6,718.78	6,798.38	6,718.74	19.14	19.72	99.96	757.96	-673.21	296.75	257.90	38.85	7.639		
6,900.00	6,792.26	6,915.54	6,825.02	20.06	20.35	106.31	769.65	-720.70	310.84	270.44	40.40	7.694		
7,000.00	6,854.31	7,041.40	6,927.54	21.22	21.25	111.58	780.29	-792.57	325.10	283.17	41.93	7.753		
7,100.00	6,903.40	7,176.28	7,019.61	22.66	22.53	115.83	789.03	-890.40	337.88	294.41	43.47	7.773		
7,200.00	6,938.33	7,319.55	7,092.76	24.35	24.36	119.04	794.88	-1,013.10	347.55	302.43	45.13	7.702		
7,300.00	6,958.23	7,469.28	7,138.19	26.27	26.81	121.15	796.91	-1,155.39	352.70	305.60	47.09	7.489		
7,400.00	6,962.97	7,610.49	7,150.14	28.34	29.51	122.08	794.93	-1,295.83	352.53	302.85	49.68	7.096		
7,500.00	6,962.81	7,710.45	7,150.78	30.55	31.60	122.42	792.58	-1,395.76	350.71	297.55	53.15	6.598		
7,600.00	6,962.66	7,810.41	7,151.42	32.87	33.82	122.76	790.22	-1,495.69	348.90	292.07	56.82	6.140		
7,700.00	6,962.51	7,910.37	7,152.06	35.30	36.15	123.11	787.87	-1,595.62	347.10	286.46	60.63	5.724		
7,800.00	6,962.35	8,010.33	7,152.70	37.80	38.57	123.46	785.52	-1,695.56	345.31	280.75	64.56	5.349		
7,900.00	6,962.20	8,110.29	7,153.34	40.36	41.06	123.81	783.16	-1,795.49	343.53	274.97	68.57	5.010		
8,000.00	6,962.05	8,210.25	7,153.98	42.98	43.61	124.17	780.81	-1,895.42	341.77	269.14	72.64	4.705		
8,100.00	6,961.90	8,310.22	7,154.62	45.64	46.21	124.54	778.45	-1,995.35	340.03	263.28	76.75	4.431		
8,200.00	6,961.74	8,410.18	7,155.27	48.33	48.85	124.90	776.10	-2,095.28	338.29	257.41	80.88	4.182		
8,300.00	6,961.59	8,510.14	7,155.91	51.05	51.52	125.27	773.74	-2,195.21	336.57	251.54	85.04	3.958		
8,400.00	6,961.44	8,610.10	7,156.55	53.80	54.23	125.64	771.39	-2,295.15	334.87	245.68	89.19	3.754		
8,500.00	6,961.29	8,710.06	7,157.19	56.58	56.96	126.02	769.04	-2,395.08	333.18	239.83	93.35	3.569		
8,600.00	6,961.13	8,810.02	7,157.83	59.37	59.71	126.40	766.68	-2,495.01	331.50	234.01	97.49	3.400		
8,700.00	6,960.98	8,909.99	7,158.47	62.17	62.48	126.79	764.33	-2,594.94	329.84	228.23	101.61	3.246		
8,800.00	6,960.83	9,009.95	7,159.11	64.99	65.27	127.18	761.97	-2,694.87	328.19	222.48	105.71	3.105		
8,900.00	6,960.68	9,109.91	7,159.75	67.83	68.07	127.57	759.62	-2,794.80	326.56	216.77	109.79	2.974		
9,000.00	6,960.52	9,209.87	7,160.39	70.67	70.88	127.97	757.26	-2,894.74	324.95	211.11	113.83	2.855		
9,100.00	6,960.37	9,309.83	7,161.04	73.52	73.71	128.37	754.91	-2,994.67	323.35	205.50	117.84	2.744		
9,200.00	6,960.22	9,409.79	7,161.68	76.39	76.55	128.77	752.56	-3,094.60	321.76	199.95	121.81	2.641		
9,300.00	6,960.06	9,509.75	7,162.32	79.26	79.39	129.18	750.20	-3,194.53	320.19	194.45	125.74	2.546		
9,400.00	6,959.91	9,609.72	7,162.96	82.13	82.24	129.59	747.85	-3,294.46	318.64	189.02	129.62	2.458		
9,500.00	6,959.76	9,709.68	7,163.60	85.01	85.10	130.01	745.49	-3,394.39	317.11	183.65	133.46	2.376		
9,600.00	6,959.61	9,809.64	7,164.24	87.90	87.97	130.43	743.14	-3,494.33	315.59	178.34	137.24	2.299		
9,700.00	6,959.45	9,909.60	7,164.88	90.79	90.84	130.85	740.78	-3,594.26	314.09	173.11	140.98	2.228		
9,800.00	6,959.30	10,009.56	7,165.52	93.69	93.72	131.28	738.43	-3,694.19	312.61	167.95	144.66	2.161		
9,900.00	6,959.15	10,109.52	7,166.16	96.59	96.60	131.72	736.07	-3,794.12	311.14	162.86	148.28	2.098		
10,000.00	6,959.00	10,209.48	7,166.81	99.50	99.48	132.15	733.72	-3,894.05	309.69	157.85	151.84	2.040		
10,100.00	6,958.84	10,309.45	7,167.45	102.41	102.37	132.59	731.37	-3,993.98	308.26	152.92	155.34	1.984		
10,200.00	6,958.69	10,409.41	7,168.09	105.32	105.26	133.04	729.01	-4,093.92	306.85	148.08	158.78	1.933		
10,300.00	6,958.54	10,509.37	7,168.73	108.23	108.16	133.49	726.66	-4,193.85	305.46	143.31	162.15	1.884		
10,400.00	6,958.39	10,609.33	7,169.37	111.15	111.06	133.94	724.30	-4,293.78	304.09	138.63	165.45	1.838		
10,500.00	6,958.23	10,709.29	7,170.01	114.07	113.96	134.40	721.95	-4,393.71	302.73	134.04	168.69	1.795		
10,600.00	6,958.08	10,809.25	7,170.65	116.99	116.87	134.86	719.59	-4,493.64	301.40	129.54	171.86	1.754		
10,700.00	6,957.93	10,909.22	7,171.29	119.91	119.78	135.32	717.24	-4,593.57	300.08	125.13	174.95	1.715		
10,800.00	6,957.77	11,009.18	7,171.93	122.84	122.69	135.79	714.89	-4,693.51	298.79	120.82	177.97	1.679		
10,900.00	6,957.62	11,109.14	7,172.58	125.77	125.60	136.27	712.53	-4,793.44	297.51	116.60	180.91	1.645		
11,000.00	6,957.47	11,209.10	7,173.22	128.70	128.51	136.75	710.18	-4,893.37	296.26	112.48	183.78	1.612		
11,100.00	6,957.32	11,309.06	7,173.86	131.63	131.43	137.23	707.82	-4,993.30	295.02	108.46	186.57	1.581		
11,200.00	6,957.16	11,409.02	7,174.50	134.56	134.34	137.71	705.47	-5,093.23	293.81	104.54	189.27	1.552		
11,300.00	6,957.01	11,508.98	7,175.14	137.49	137.26	138.20	703.11	-5,193.17	292.62	100.72	191.90	1.525		
11,400.00	6,956.86	11,608.95	7,175.78	140.43	140.18	138.70	700.76	-5,293.10	291.45	97.01	194.44	1.499 Level 3		
11,500.00	6,956.71	11,708.91	7,176.42	143.36	143.11	139.19	698.41	-5,393.03	290.30	93.40	196.90	1.474 Level 3		
11,600.00	6,956.55	11,808.87	7,177.06	146.30	146.03	139.69	696.05	-5,492.96	289.18	89.91	199.27	1.451 Level 3		
11,700.00	6,956.40	11,908.83	7,177.70	149.24	148.95	140.20	693.70	-5,592.89	288.07	86.52	201.56	1.429 Level 3		
11,800.00	6,956.25	12,008.79	7,178.34	152.18	151.88	140.71	691.34	-5,692.82	286.99	83.24	203.75	1.409 Level 3		
11,900.00	6,956.10	12,108.75	7,178.99	155.12	154.81	141.22	688.99	-5,792.76	285.93	80.08	205.86	1.389 Level 3		
12,000.00	6,955.94	12,208.71	7,179.63	158.06	157.73	141.74	686.63	-5,892.69	284.90	77.03	207.87	1.371 Level 3		
12,100.00	6,955.79	12,308.68	7,180.27	161.00	160.66	142.26	684.28	-5,992.62	283.89	74.09	209.80	1.353 Level 3		
12,200.00	6,955.64	12,408.64	7,180.91	163.95	163.59	142.78	681.93	-6,092.55	282.90	71.27	211.63	1.337 Level 3		
12,300.00	6,955.48	12,508.60	7,181.55	166.89	166.52	143.31	679.57	-6,192.48	281.94	68.57	213.37	1.321 Level 3		
12,400.00	6,955.33	12,608.56	7,182.19	169.83	169.45	143.84	677.22	-6,292.41	281.00	65.99	215.01	1.307 Level 3		
12,442.61	6,955.27	12,648.57	7,182.45	171.09	170.63	144.00	676.63	-6,332.42	280.82	64.81	216.01	1.300 Level 3		
12,500.00	6,955.18	12,703.45	7,182.80	172.78	172.24	144.07	676.69	-6,387.30	281.13	63.23	217.89	1.290 Level 3		
12,600.00	6,955.03	12,803.45	7,183.44	175.72	175.19	144.09	677.42	-6,487.29	282.02	60.51	221.51	1.273 Level 3		
12,700.00	6,954.87	12,903.44	7,184.08	178.67	178.13	144.11	678.15	-6,587.28	282.92	57.78	225.13	1.257 Level 3		
12,800.00	6,954.72	13,003.44	7,184.73	181.62	181.08	144.14	678.88	-6,687.27	283.81	55.06	228.75	1.241 Level 2		
12,900.00	6,954.57	13,103.44	7,185.37	184.56	184.03	144.16	679.61	-6,787.26	284.70	52.34	232.36	1.225 Level 2		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,000.00	6,954.42	13,203.43	7,186.01	187.51	186.98	144.19	680.34	-6,887.25	285.60	49.62	235.97	1.210	Level 2
13,100.00	6,954.26	13,303.43	7,186.65	190.46	189.92	144.21	681.07	-6,987.25	286.49	46.91	239.58	1.196	Level 2
13,200.00	6,954.11	13,403.42	7,187.29	193.41	192.87	144.23	681.80	-7,087.24	287.38	44.19	243.19	1.182	Level 2
13,300.00	6,953.96	13,503.42	7,187.93	196.36	195.82	144.26	682.53	-7,187.23	288.28	41.48	246.80	1.168	Level 2
13,400.00	6,953.81	13,603.42	7,188.58	199.31	198.77	144.28	683.26	-7,287.22	289.17	38.76	250.41	1.155	Level 2
13,500.00	6,953.65	13,703.41	7,189.22	202.26	201.72	144.30	683.99	-7,387.21	290.06	36.05	254.01	1.142	Level 2
13,600.00	6,953.50	13,803.41	7,189.86	205.21	204.67	144.33	684.72	-7,487.20	290.96	33.35	257.61	1.129	Level 2
13,700.00	6,953.35	13,903.40	7,190.50	208.16	207.63	144.35	685.45	-7,587.19	291.85	30.64	261.21	1.117	Level 2
13,800.00	6,953.19	14,003.40	7,191.14	211.11	210.58	144.37	686.18	-7,687.18	292.75	27.94	264.81	1.105	Level 2
13,900.00	6,953.04	14,103.40	7,191.78	214.06	213.53	144.40	686.91	-7,787.18	293.64	25.23	268.41	1.094	Level 2
14,000.00	6,952.89	14,203.39	7,192.43	217.02	216.48	144.42	687.64	-7,887.17	294.53	22.53	272.00	1.083	Level 2
14,100.00	6,952.74	14,303.39	7,193.07	219.97	219.43	144.44	688.37	-7,987.16	295.43	19.83	275.60	1.072	Level 2
14,200.00	6,952.58	14,403.38	7,193.71	222.92	222.39	144.46	689.10	-8,087.15	296.32	17.14	279.19	1.061	Level 2
14,300.00	6,952.43	14,503.38	7,194.35	225.87	225.34	144.49	689.83	-8,187.14	297.22	14.44	282.78	1.051	Level 2
14,400.00	6,952.28	14,603.37	7,194.99	228.83	228.29	144.51	690.56	-8,287.13	298.11	11.75	286.37	1.041	Level 2
14,500.00	6,952.13	14,703.37	7,195.64	231.78	231.25	144.53	691.29	-8,387.12	299.01	9.05	289.95	1.031	Level 2
14,600.00	6,951.97	14,803.37	7,196.28	234.74	234.20	144.55	692.02	-8,487.11	299.90	6.37	293.54	1.022	Level 2
14,700.00	6,951.82	14,903.36	7,196.92	237.69	237.16	144.57	692.75	-8,587.10	300.79	3.68	297.12	1.012	Level 2
14,800.00	6,951.67	15,003.36	7,197.56	240.64	240.11	144.59	693.48	-8,687.10	301.69	0.99	300.70	1.003	Level 2
14,900.00	6,951.52	15,103.35	7,198.20	243.60	243.07	144.62	694.21	-8,787.09	302.58	-1.69	304.28	0.994	Level 1
15,000.00	6,951.36	15,203.35	7,198.84	246.55	246.02	144.64	694.94	-8,887.08	303.48	-4.37	307.85	0.986	Level 1
15,100.00	6,951.21	15,303.35	7,199.49	249.51	248.98	144.66	695.67	-8,987.07	304.37	-7.06	311.43	0.977	Level 1
15,200.00	6,951.06	15,403.34	7,200.13	252.46	251.93	144.68	696.40	-9,087.06	305.27	-9.73	315.00	0.969	Level 1
15,300.00	6,950.90	15,503.34	7,200.77	255.42	254.89	144.70	697.13	-9,187.05	306.16	-12.41	318.57	0.961	Level 1
15,400.00	6,950.75	15,603.33	7,201.41	258.38	257.85	144.72	697.85	-9,287.04	307.06	-15.09	322.14	0.953	Level 1
15,500.00	6,950.60	15,703.33	7,202.05	261.33	260.80	144.74	698.58	-9,387.03	307.95	-17.76	325.71	0.945	Level 1
15,600.00	6,950.45	15,803.33	7,202.70	264.29	263.76	144.76	699.31	-9,487.03	308.85	-20.43	329.28	0.938	Level 1
15,700.00	6,950.29	15,903.32	7,203.34	267.24	266.72	144.78	700.04	-9,587.02	309.74	-23.10	332.84	0.931	Level 1
15,800.00	6,950.14	16,003.32	7,203.98	270.20	269.67	144.80	700.77	-9,687.01	310.64	-25.77	336.40	0.923	Level 1
15,900.00	6,949.99	16,103.31	7,204.62	273.16	272.63	144.82	701.50	-9,787.00	311.53	-28.43	339.96	0.916	Level 1
16,000.00	6,949.84	16,203.31	7,205.26	276.11	275.59	144.84	702.23	-9,886.99	312.43	-31.10	343.52	0.909	Level 1
16,100.00	6,949.68	16,303.31	7,205.90	279.07	278.54	144.86	702.96	-9,986.98	313.32	-33.76	347.08	0.903	Level 1
16,200.00	6,949.53	16,403.30	7,206.55	282.03	281.50	144.88	703.69	-10,086.97	314.22	-36.42	350.63	0.896	Level 1
16,300.00	6,949.38	16,503.30	7,207.19	284.98	284.46	144.90	704.42	-10,186.96	315.11	-39.08	354.19	0.890	Level 1
16,400.00	6,949.23	16,603.29	7,207.83	287.94	287.42	144.92	705.15	-10,286.96	316.01	-41.73	357.74	0.883	Level 1
16,500.00	6,949.07	16,703.29	7,208.47	290.90	290.38	144.94	705.88	-10,386.95	316.90	-44.39	361.29	0.877	Level 1
16,600.00	6,948.92	16,803.29	7,209.11	293.86	293.33	144.96	706.61	-10,486.94	317.80	-47.04	364.84	0.871	Level 1
16,700.00	6,948.77	16,903.28	7,209.75	296.81	296.29	144.98	707.34	-10,586.93	318.69	-49.69	368.38	0.865	Level 1
16,800.00	6,948.62	17,003.28	7,210.40	299.77	299.25	145.00	708.07	-10,686.92	319.59	-52.34	371.93	0.859	Level 1
16,900.00	6,948.46	17,103.27	7,211.04	302.73	302.21	145.02	708.80	-10,786.91	320.48	-54.99	375.47	0.854	Level 1
17,000.00	6,948.31	17,203.27	7,211.68	305.69	305.17	145.04	709.53	-10,886.90	321.38	-57.64	379.01	0.848	Level 1
17,100.00	6,948.16	17,303.27	7,212.32	308.65	308.13	145.06	710.26	-10,986.89	322.27	-60.28	382.55	0.842	Level 1
17,200.00	6,948.00	17,403.26	7,212.96	311.61	311.09	145.07	710.99	-11,086.89	323.17	-62.92	386.09	0.837	Level 1
17,202.77	6,948.00	17,406.03	7,212.98	311.69	311.17	145.08	711.01	-11,089.65	323.19	-63.00	386.19	0.837	Level 1, ES, SF

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1													Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance						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	-180.00	-20.03	0.00	20.03					
100.00	100.00	100.00	100.00	3.28	3.28	-180.00	-20.03	0.00	20.03	12.51	7.53	2.661		
200.00	200.00	200.00	200.00	3.30	3.30	-180.00	-20.03	0.00	20.03	12.46	7.57	2.647	CC	
200.01	200.01	200.01	200.01	3.30	3.30	180.00	-20.03	0.00	20.03	12.46	7.57	2.647		
300.00	300.00	300.17	300.17	3.35	3.35	-125.32	-19.82	-0.38	20.07	12.42	7.65	2.623		
400.00	399.93	400.51	400.44	3.41	3.41	-124.70	-18.12	-3.46	20.40	12.62	7.78	2.622		
500.00	499.68	500.84	500.52	3.50	3.50	-123.52	-14.71	-9.60	21.06	13.11	7.95	2.649		
600.00	599.13	601.13	600.26	3.61	3.62	-121.94	-9.62	-18.78	22.06	13.89	8.17	2.700		
700.00	698.30	701.12	699.54	3.75	3.75	-122.54	-3.88	-29.13	23.78	15.33	8.45	2.814		
800.00	797.45	801.10	798.82	3.92	3.91	-123.23	1.86	-39.49	25.54	16.77	8.77	2.912		
900.00	896.61	901.09	898.10	4.10	4.09	-123.83	7.60	-49.84	27.31	18.18	9.13	2.990		
1,000.00	995.76	1,001.07	997.38	4.31	4.29	-124.36	13.33	-60.20	29.08	19.55	9.53	3.052		
1,100.00	1,094.92	1,101.05	1,096.66	4.53	4.51	-124.83	19.07	-70.55	30.85	20.90	9.95	3.100		
1,200.00	1,194.08	1,201.04	1,195.94	4.76	4.73	-125.25	24.81	-80.90	32.63	22.22	10.40	3.137		
1,300.00	1,293.23	1,301.02	1,295.22	5.01	4.97	-125.62	30.55	-91.26	34.40	23.53	10.87	3.164		
1,400.00	1,392.39	1,401.01	1,394.50	5.26	5.22	-125.96	36.29	-101.61	36.18	24.82	11.36	3.184		
1,500.00	1,491.54	1,500.99	1,493.79	5.53	5.48	-126.26	42.03	-111.97	37.96	26.09	11.87	3.198		
1,600.00	1,590.70	1,600.97	1,593.07	5.80	5.74	-126.54	47.77	-122.32	39.73	27.35	12.39	3.207		
1,700.00	1,689.86	1,700.96	1,692.35	6.08	6.01	-126.80	53.51	-132.67	41.51	28.59	12.92	3.213		
1,800.00	1,789.01	1,800.94	1,791.63	6.23	6.15	-127.03	59.25	-143.03	43.30	30.47	12.82	3.376		
1,900.00	1,888.17	1,900.93	1,890.91	6.26	6.18	-127.25	64.99	-153.38	45.08	32.20	12.87	3.502		
2,000.00	1,987.32	2,000.91	1,990.19	6.31	6.23	-127.44	70.73	-163.74	46.86	33.90	12.96	3.617		
2,100.00	2,086.48	2,100.89	2,089.47	6.38	6.29	-127.63	76.47	-174.09	48.64	35.57	13.07	3.720		
2,200.00	2,185.63	2,200.88	2,188.75	6.46	6.37	-127.80	82.21	-184.45	50.42	37.20	13.22	3.813		
2,300.00	2,284.79	2,300.86	2,288.03	6.56	6.47	-127.96	87.95	-194.80	52.21	38.80	13.40	3.895		
2,400.00	2,383.95	2,400.85	2,387.31	6.68	6.58	-128.11	93.69	-205.15	53.99	40.38	13.61	3.966		
2,500.00	2,483.10	2,500.83	2,486.59	6.81	6.70	-128.25	99.43	-215.51	55.77	41.92	13.85	4.027		
2,600.00	2,582.26	2,600.81	2,585.87	6.95	6.84	-128.38	105.17	-225.86	57.56	43.44	14.12	4.077		
2,700.00	2,681.41	2,700.80	2,685.15	7.11	6.99	-128.50	110.90	-236.22	59.34	44.94	14.41	4.119		
2,800.00	2,780.57	2,800.78	2,784.43	7.28	7.15	-128.62	116.64	-246.57	61.13	46.41	14.72	4.153		
2,900.00	2,879.73	2,900.77	2,883.71	7.46	7.32	-128.73	122.38	-256.93	62.91	47.86	15.06	4.179		
3,000.00	2,978.88	3,000.75	2,982.99	7.65	7.51	-128.83	128.12	-267.28	64.70	49.29	15.41	4.198		
3,100.00	3,078.04	3,100.73	3,082.28	7.85	7.70	-128.93	133.86	-277.63	66.48	50.70	15.79	4.212		
3,200.00	3,177.19	3,200.72	3,181.56	8.06	7.90	-129.02	139.60	-287.99	68.27	52.09	16.18	4.220		
3,300.00	3,276.35	3,300.70	3,280.84	8.28	8.11	-129.11	145.34	-298.34	70.05	53.47	16.59	4.223		
3,400.00	3,375.50	3,400.69	3,380.12	8.51	8.33	-129.19	151.08	-308.70	71.84	54.83	17.01	4.223		
3,500.00	3,474.66	3,500.67	3,479.40	8.74	8.56	-129.27	156.82	-319.05	73.63	56.18	17.45	4.219		
3,600.00	3,573.82	3,600.65	3,578.68	8.98	8.79	-129.34	162.56	-329.40	75.41	57.51	17.90	4.213		
3,700.00	3,672.97	3,700.64	3,677.96	9.23	9.02	-129.42	168.30	-339.76	77.20	58.83	18.36	4.204		
3,800.00	3,772.13	3,800.62	3,777.24	9.48	9.27	-129.49	174.04	-350.11	78.99	60.15	18.84	4.193		
3,900.00	3,871.28	3,900.61	3,876.52	9.74	9.51	-129.55	179.78	-360.47	80.77	61.45	19.32	4.180		
4,000.00	3,970.44	4,000.59	3,975.80	10.00	9.77	-129.61	185.52	-370.82	82.56	62.74	19.82	4.166		
4,100.00	4,069.60	4,100.57	4,075.08	10.27	10.02	-129.67	191.26	-381.18	84.35	64.03	20.32	4.151		
4,200.00	4,168.75	4,200.56	4,174.36	10.54	10.28	-129.73	197.00	-391.53	86.13	65.30	20.83	4.135		
4,300.00	4,267.91	4,300.54	4,273.64	10.81	10.55	-129.79	202.74	-401.88	87.92	66.57	21.35	4.119		
4,400.00	4,367.06	4,400.53	4,372.92	11.09	10.82	-129.84	208.47	-412.24	89.71	67.84	21.87	4.102		
4,500.00	4,466.22	4,500.51	4,472.20	11.37	11.09	-129.89	214.21	-422.59	91.49	69.09	22.40	4.084		
4,600.00	4,565.37	4,600.49	4,571.49	11.65	11.36	-129.94	219.95	-432.95	93.28	70.34	22.94	4.066		
4,700.00	4,664.53	4,700.48	4,670.77	11.94	11.64	-129.99	225.69	-443.30	95.07	71.59	23.48	4.048		
4,800.00	4,763.69	4,800.46	4,770.05	12.23	11.92	-130.03	231.43	-453.65	96.86	72.83	24.03	4.031		
4,900.00	4,862.84	4,900.45	4,869.33	12.52	12.20	-130.08	237.17	-464.01	98.64	74.06	24.58	4.013		
5,000.00	4,962.00	5,000.43	4,968.61	12.81	12.49	-130.12	242.91	-474.36	100.43	75.29	25.14	3.995		
5,100.00	5,061.15	5,100.41	5,067.89	13.11	12.77	-130.16	248.65	-484.72	102.22	76.52	25.70	3.977		
5,200.00	5,160.31	5,200.40	5,167.17	13.40	13.06	-130.20	254.39	-495.07	104.01	77.74	26.27	3.960		
5,300.00	5,259.47	5,300.38	5,266.45	13.70	13.35	-130.24	260.13	-505.43	105.79	78.96	26.83	3.942		
5,400.00	5,358.62	5,400.37	5,365.73	14.00	13.64	-130.28	265.87	-515.78	107.58	80.17	27.41	3.925		
5,500.00	5,457.78	5,500.35	5,465.01	14.31	13.93	-130.31	271.61	-526.13	109.37	81.39	27.98	3.909		
5,600.00	5,556.93	5,600.33	5,564.29	14.61	14.23	-130.35	277.35	-536.49	111.16	82.60	28.56	3.892		
5,700.00	5,656.09	5,700.32	5,663.57	14.92	14.53	-130.38	283.09	-546.84	112.94	83.80	29.14	3.876		
5,800.00	5,755.24	5,800.30	5,762.85	15.22	14.82	-130.41	288.83	-557.20	114.73	85.01	29.72	3.860		
5,900.00	5,854.40	5,900.29	5,862.13	15.53	15.12	-130.44	294.57	-567.55	116.52	86.21	30.31	3.844		
6,000.00	5,953.56	6,000.27	5,961.41	15.84	15.42	-130.47	300.31	-577.90	118.31	87.41	30.90	3.829		
6,100.00	6,052.71	6,100.25	6,060.70	16.15	15.72	-130.50	306.04	-588.26	120.10	88.61	31.49	3.814		
6,200.00	6,151.87	6,200.24	6,159.98	16.46	16.02	-130.53	311.78	-598.61	121.88	89.80	32.08	3.799		
6,300.00	6,251.02	6,300.22	6,259.26	16.78	16.33	-130.56	317.52	-608.97	123.67	90.99	32.68	3.785		
6,400.00	6,350.18	6,400.21	6,358.54	17.09	16.63	-130.59	323.26	-619.32	125.46	92.19	33.27	3.771		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,449.03	6,500.12	6,457.75	17.41	16.94	-117.71	329.00	-629.67	127.48	93.66	33.82	3.769	
6,600.00	6,545.03	6,601.37	6,555.56	17.84	17.25	-115.10	334.65	-639.87	132.00	97.94	34.07	3.875	
6,700.00	6,635.69	6,700.20	6,655.80	18.41	17.58	-121.64	340.42	-654.75	142.53	108.45	34.09	4.182	
6,800.00	6,718.78	6,808.40	6,758.67	19.14	18.08	-128.46	346.23	-687.34	157.19	122.88	34.31	4.581	
6,900.00	6,792.26	6,922.51	6,859.54	20.06	18.78	-134.15	351.80	-740.06	173.88	139.20	34.68	5.014	
7,000.00	6,854.31	7,042.88	6,953.98	21.22	19.77	-138.55	356.86	-814.23	190.70	155.53	35.17	5.422	
7,100.00	6,903.40	7,169.50	7,036.44	22.66	21.17	-141.75	361.08	-909.96	205.97	170.08	35.89	5.740	
7,200.00	6,938.33	7,301.81	7,100.65	24.35	23.08	-143.88	364.11	-1,025.33	218.28	181.25	37.03	5.894	
7,300.00	6,958.23	7,438.56	7,140.57	26.27	25.52	-145.06	365.63	-1,155.84	226.53	187.64	38.88	5.826	
7,400.00	6,962.97	7,572.09	7,152.05	28.34	28.23	-145.33	365.47	-1,288.64	229.90	188.38	41.52	5.537	
7,500.00	6,962.81	7,672.08	7,152.34	30.55	30.43	-145.21	364.87	-1,388.63	230.79	186.74	44.05	5.239	
7,600.00	6,962.66	7,772.08	7,152.64	32.87	32.74	-145.09	364.26	-1,488.63	231.68	184.93	46.75	4.956	
7,700.00	6,962.51	7,872.07	7,152.93	35.30	35.14	-144.97	363.65	-1,588.62	232.57	182.96	49.60	4.688	
7,800.00	6,962.35	7,972.07	7,153.23	37.80	37.63	-144.85	363.05	-1,688.61	233.46	180.86	52.59	4.439	
7,900.00	6,962.20	8,072.06	7,153.52	40.36	40.18	-144.73	362.44	-1,788.60	234.35	178.65	55.70	4.208	
8,000.00	6,962.05	8,172.05	7,153.82	42.98	42.79	-144.61	361.83	-1,888.60	235.24	176.34	58.90	3.994	
8,100.00	6,961.90	8,272.05	7,154.11	45.64	45.44	-144.49	361.22	-1,988.59	236.13	173.95	62.19	3.797	
8,200.00	6,961.74	8,372.04	7,154.41	48.33	48.12	-144.38	360.62	-2,088.58	237.03	171.47	65.55	3.616	
8,300.00	6,961.59	8,472.04	7,154.70	51.05	50.84	-144.26	360.01	-2,188.57	237.92	168.94	68.98	3.449	
8,400.00	6,961.44	8,572.03	7,155.00	53.80	53.58	-144.15	359.40	-2,288.57	238.82	166.34	72.48	3.295	
8,500.00	6,961.29	8,672.03	7,155.29	56.58	56.34	-144.03	358.80	-2,388.56	239.71	163.69	76.02	3.153	
8,600.00	6,961.13	8,772.02	7,155.59	59.37	59.13	-143.92	358.19	-2,488.55	240.61	160.99	79.62	3.022	
8,700.00	6,960.98	8,872.02	7,155.89	62.17	61.93	-143.81	357.58	-2,588.54	241.51	158.25	83.26	2.901	
8,800.00	6,960.83	8,972.01	7,156.18	64.99	64.74	-143.70	356.98	-2,688.54	242.41	155.47	86.94	2.788	
8,900.00	6,960.68	9,072.01	7,156.48	67.83	67.57	-143.59	356.37	-2,788.53	243.31	152.66	90.65	2.684	
9,000.00	6,960.52	9,172.00	7,156.77	70.67	70.41	-143.48	355.76	-2,888.52	244.21	149.81	94.40	2.587	
9,100.00	6,960.37	9,272.00	7,157.07	73.52	73.25	-143.37	355.15	-2,988.51	245.12	146.93	98.19	2.496	
9,200.00	6,960.22	9,371.99	7,157.36	76.39	76.11	-143.26	354.55	-3,088.51	246.02	144.02	102.00	2.412	
9,300.00	6,960.06	9,471.99	7,157.66	79.26	78.97	-143.15	353.94	-3,188.50	246.92	141.08	105.84	2.333	
9,400.00	6,959.91	9,571.98	7,157.95	82.13	81.84	-143.05	353.33	-3,288.49	247.83	138.12	109.71	2.259	
9,500.00	6,959.76	9,671.98	7,158.25	85.01	84.72	-142.94	352.73	-3,388.48	248.73	135.13	113.60	2.190	
9,600.00	6,959.61	9,771.97	7,158.54	87.90	87.61	-142.84	352.12	-3,488.48	249.64	132.13	117.51	2.124	
9,700.00	6,959.45	9,871.97	7,158.84	90.79	90.49	-142.73	351.51	-3,588.47	250.55	129.09	121.45	2.063	
9,800.00	6,959.30	9,971.96	7,159.13	93.69	93.39	-142.63	350.90	-3,688.46	251.46	126.04	125.41	2.005	
9,900.00	6,959.15	10,071.96	7,159.43	96.59	96.28	-142.53	350.30	-3,788.45	252.36	122.97	129.39	1.950	
10,000.00	6,959.00	10,171.95	7,159.72	99.50	99.18	-142.42	349.69	-3,888.45	253.27	119.88	133.39	1.899	
10,100.00	6,958.84	10,271.95	7,160.02	102.41	102.09	-142.32	349.08	-3,988.44	254.19	116.77	137.41	1.850	
10,200.00	6,958.69	10,371.94	7,160.31	105.32	104.99	-142.22	348.48	-4,088.43	255.10	113.65	141.45	1.803	
10,300.00	6,958.54	10,471.94	7,160.61	108.23	107.91	-142.12	347.87	-4,188.42	256.01	110.51	145.50	1.759	
10,400.00	6,958.39	10,571.93	7,160.91	111.15	110.82	-142.02	347.26	-4,288.42	256.92	107.35	149.57	1.718	
10,500.00	6,958.23	10,671.93	7,161.20	114.07	113.73	-141.93	346.66	-4,388.41	257.84	104.17	153.66	1.678	
10,600.00	6,958.08	10,771.92	7,161.50	116.99	116.65	-141.83	346.05	-4,488.40	258.75	100.98	157.77	1.640	
10,700.00	6,957.93	10,871.92	7,161.79	119.91	119.57	-141.73	345.44	-4,588.39	259.67	97.78	161.89	1.604	
10,800.00	6,957.77	10,971.91	7,162.09	122.84	122.49	-141.64	344.83	-4,688.39	260.58	94.56	166.02	1.570	
10,900.00	6,957.62	11,071.91	7,162.38	125.77	125.42	-141.54	344.23	-4,788.38	261.50	91.33	170.17	1.537	
11,000.00	6,957.47	11,171.90	7,162.68	128.70	128.34	-141.45	343.62	-4,888.37	262.42	88.08	174.33	1.505	
11,100.00	6,957.32	11,271.90	7,162.97	131.63	131.27	-141.35	343.01	-4,988.37	263.33	84.82	178.51	1.475 Level 3	
11,200.00	6,957.16	11,371.89	7,163.27	134.56	134.20	-141.26	342.41	-5,088.36	264.25	81.55	182.70	1.446 Level 3	
11,300.00	6,957.01	11,471.89	7,163.56	137.49	137.13	-141.16	341.80	-5,188.35	265.17	78.27	186.91	1.419 Level 3	
11,400.00	6,956.86	11,571.88	7,163.86	140.43	140.06	-141.07	341.19	-5,288.34	266.09	74.97	191.12	1.392 Level 3	
11,500.00	6,956.71	11,671.87	7,164.15	143.36	142.99	-140.98	340.59	-5,388.34	267.01	71.66	195.35	1.367 Level 3	
11,600.00	6,956.55	11,771.87	7,164.45	146.30	145.93	-140.89	339.98	-5,488.33	267.94	68.34	199.60	1.342 Level 3	
11,700.00	6,956.40	11,871.86	7,164.74	149.24	148.86	-140.80	339.37	-5,588.32	268.86	65.01	203.85	1.319 Level 3	
11,800.00	6,956.25	11,971.86	7,165.04	152.18	151.80	-140.71	338.76	-5,688.31	269.78	61.66	208.12	1.296 Level 3	
11,900.00	6,956.10	12,071.85	7,165.34	155.12	154.73	-140.62	338.16	-5,788.31	270.70	58.31	212.40	1.275 Level 3	
12,000.00	6,955.94	12,171.85	7,165.63	158.06	157.67	-140.53	337.55	-5,888.30	271.63	54.94	216.69	1.254 Level 3	
12,100.00	6,955.79	12,271.84	7,165.93	161.00	160.61	-140.44	336.94	-5,988.29	272.55	51.57	220.99	1.233 Level 2	
12,200.00	6,955.64	12,371.84	7,166.22	163.95	163.55	-140.36	336.34	-6,088.28	273.48	48.18	225.30	1.214 Level 2	
12,300.00	6,955.48	12,471.83	7,166.52	166.89	166.49	-140.27	335.73	-6,188.28	274.41	44.78	229.62	1.195 Level 2	
12,400.00	6,955.33	12,571.83	7,166.81	169.83	169.43	-140.18	335.12	-6,288.27	275.33	41.38	233.96	1.177 Level 2	
12,500.00	6,955.18	12,671.82	7,167.11	172.78	172.37	-140.10	334.52	-6,388.26	276.26	37.96	238.30	1.159 Level 2	
12,600.00	6,955.03	12,771.82	7,167.40	175.72	175.31	-140.01	333.91	-6,488.25	277.19	34.53	242.65	1.142 Level 2	
12,700.00	6,954.87	12,871.81	7,167.70	178.67	178.26	-139.93	333.30	-6,588.25	278.12	31.10	247.02	1.126 Level 2	
12,800.00	6,954.72	12,971.81	7,167.99	181.62	181.20	-139.85	332.69	-6,688.24	279.05	27.65	251.39	1.110 Level 2	
12,900.00	6,954.57	13,071.80	7,168.29	184.56	184.14	-139.76	332.09	-6,788.23	279.98	24.20	255.78	1.095 Level 2	
13,000.00	6,954.42	13,171.80	7,168.58	187.51	187.09	-139.68	331.48	-6,888.22	280.91	20.73	260.17	1.080 Level 2	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	6,954.26	13,271.79	7,168.88	190.46	190.03	-139.60	330.87	-6,988.22	281.84	17.26	264.58	1.065	Level 2
13,200.00	6,954.11	13,371.79	7,169.17	193.41	192.98	-139.52	330.27	-7,088.21	282.77	13.78	268.99	1.051	Level 2
13,300.00	6,953.96	13,471.78	7,169.47	196.36	195.93	-139.43	329.66	-7,188.20	283.70	10.29	273.41	1.038	Level 2
13,400.00	6,953.81	13,571.78	7,169.76	199.31	198.87	-139.35	329.05	-7,288.19	284.63	6.79	277.84	1.024	Level 2
13,500.00	6,953.65	13,671.77	7,170.06	202.26	201.82	-139.27	328.44	-7,388.19	285.57	3.29	282.28	1.012	Level 2
13,600.00	6,953.50	13,771.77	7,170.36	205.21	204.77	-139.19	327.84	-7,488.18	286.50	-0.23	286.73	0.999	Level 1
13,700.00	6,953.35	13,871.76	7,170.65	208.16	207.71	-139.12	327.23	-7,588.17	287.44	-3.75	291.19	0.987	Level 1
13,800.00	6,953.19	13,971.76	7,170.95	211.11	210.66	-139.04	326.62	-7,688.16	288.37	-7.28	295.65	0.975	Level 1
13,900.00	6,953.04	14,071.75	7,171.24	214.06	213.61	-138.96	326.02	-7,788.16	289.31	-10.82	300.13	0.964	Level 1
14,000.00	6,952.89	14,171.75	7,171.54	217.02	216.56	-138.88	325.41	-7,888.15	290.24	-14.37	304.61	0.953	Level 1
14,100.00	6,952.74	14,271.74	7,171.83	219.97	219.51	-138.80	324.80	-7,988.14	291.18	-17.92	309.10	0.942	Level 1
14,200.00	6,952.58	14,371.74	7,172.13	222.92	222.46	-138.73	324.20	-8,088.13	292.12	-21.49	313.60	0.931	Level 1
14,300.00	6,952.43	14,471.73	7,172.42	225.87	225.41	-138.65	323.59	-8,188.13	293.05	-25.06	318.11	0.921	Level 1
14,400.00	6,952.28	14,571.73	7,172.72	228.83	228.36	-138.58	322.98	-8,288.12	293.99	-28.63	322.62	0.911	Level 1
14,500.00	6,952.13	14,671.72	7,173.01	231.78	231.31	-138.50	322.37	-8,388.11	294.93	-32.22	327.15	0.902	Level 1
14,600.00	6,951.97	14,771.72	7,173.31	234.74	234.26	-138.43	321.77	-8,488.11	295.87	-35.81	331.68	0.892	Level 1
14,700.00	6,951.82	14,871.71	7,173.60	237.69	237.21	-138.35	321.16	-8,588.10	296.81	-39.41	336.22	0.883	Level 1
14,800.00	6,951.67	14,971.70	7,173.90	240.64	240.16	-138.28	320.55	-8,688.09	297.75	-43.01	340.76	0.874	Level 1
14,900.00	6,951.52	15,071.70	7,174.19	243.60	243.11	-138.21	319.95	-8,788.08	298.69	-46.63	345.32	0.865	Level 1
15,000.00	6,951.36	15,171.69	7,174.49	246.55	246.06	-138.13	319.34	-8,888.08	299.63	-50.25	349.88	0.856	Level 1
15,100.00	6,951.21	15,271.69	7,174.78	249.51	249.02	-138.06	318.73	-8,988.07	300.57	-53.87	354.44	0.848	Level 1
15,200.00	6,951.06	15,371.68	7,175.08	252.46	251.97	-137.99	318.13	-9,088.06	301.51	-57.50	359.02	0.840	Level 1
15,300.00	6,950.90	15,471.68	7,175.38	255.42	254.92	-137.92	317.52	-9,188.05	302.46	-61.14	363.60	0.832	Level 1
15,400.00	6,950.75	15,571.67	7,175.67	258.38	257.87	-137.85	316.91	-9,288.05	303.40	-64.79	368.19	0.824	Level 1
15,500.00	6,950.60	15,671.67	7,175.97	261.33	260.83	-137.78	316.30	-9,388.04	304.34	-68.44	372.78	0.816	Level 1
15,600.00	6,950.45	15,771.66	7,176.26	264.29	263.78	-137.71	315.70	-9,488.03	305.29	-72.10	377.39	0.809	Level 1
15,700.00	6,950.29	15,871.66	7,176.56	267.24	266.73	-137.64	315.09	-9,588.02	306.23	-75.76	381.99	0.802	Level 1
15,800.00	6,950.14	15,971.65	7,176.85	270.20	269.69	-137.57	314.48	-9,688.02	307.18	-79.43	386.61	0.795	Level 1
15,900.00	6,949.99	16,071.65	7,177.15	273.16	272.64	-137.50	313.88	-9,788.01	308.12	-83.11	391.23	0.788	Level 1
16,000.00	6,949.84	16,171.64	7,177.44	276.11	275.59	-137.43	313.27	-9,888.00	309.07	-86.79	395.86	0.781	Level 1
16,100.00	6,949.68	16,271.64	7,177.74	279.07	278.55	-137.36	312.66	-9,987.99	310.01	-90.48	400.49	0.774	Level 1
16,200.00	6,949.53	16,371.63	7,178.03	282.03	281.50	-137.29	312.05	-10,087.99	310.96	-94.18	405.14	0.768	Level 1
16,300.00	6,949.38	16,471.63	7,178.33	284.98	284.45	-137.23	311.45	-10,187.98	311.91	-97.88	409.78	0.761	Level 1
16,400.00	6,949.23	16,571.62	7,178.62	287.94	287.41	-137.16	310.84	-10,287.97	312.85	-101.58	414.44	0.755	Level 1
16,500.00	6,949.07	16,671.62	7,178.92	290.90	290.36	-137.09	310.23	-10,387.96	313.80	-105.29	419.09	0.749	Level 1
16,600.00	6,948.92	16,771.61	7,179.21	293.86	293.32	-137.03	309.63	-10,487.96	314.75	-109.01	423.76	0.743	Level 1
16,700.00	6,948.77	16,871.61	7,179.51	296.81	296.27	-136.96	309.02	-10,587.95	315.70	-112.73	428.43	0.737	Level 1
16,800.00	6,948.62	16,971.60	7,179.81	299.77	299.23	-136.90	308.41	-10,687.94	316.65	-116.46	433.11	0.731	Level 1
16,900.00	6,948.46	17,071.60	7,180.10	302.73	302.18	-136.83	307.81	-10,787.93	317.60	-120.19	437.79	0.725	Level 1
17,000.00	6,948.31	17,171.59	7,180.40	305.69	305.14	-136.77	307.20	-10,887.93	318.55	-123.93	442.48	0.720	Level 1
17,100.00	6,948.16	17,271.59	7,180.69	308.65	308.09	-136.71	306.59	-10,987.92	319.50	-127.68	447.17	0.714	Level 1
17,200.00	6,948.00	17,371.58	7,180.99	311.61	311.05	-136.64	305.98	-11,087.91	320.45	-131.43	451.87	0.709	Level 1
17,202.77	6,948.00	17,374.35	7,180.99	311.69	311.13	-136.64	305.97	-11,090.68	320.47	-131.53	452.00	0.709	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-119.85	-0.84	119.85				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-119.85	-0.84	119.85	112.33	7.53	15.923	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-119.85	-0.84	119.85	112.28	7.57	15.836	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-119.85	-0.84	119.85	112.28	7.57	15.836	CC, ES
300.00	300.00	298.59	298.59	3.35	3.34	-125.02	-120.13	-1.14	120.40	112.74	7.65	15.736	SF
400.00	399.93	395.64	395.58	3.41	3.40	-125.12	-122.38	-3.53	124.73	116.97	7.77	16.058	
500.00	499.68	492.28	491.99	3.50	3.47	-125.31	-126.86	-8.30	133.40	125.47	7.93	16.822	
600.00	599.13	588.25	587.46	3.61	3.57	-125.54	-133.50	-15.37	146.35	138.21	8.14	17.980	
700.00	698.30	684.67	683.04	3.75	3.70	-125.74	-142.24	-24.68	162.82	154.42	8.40	19.384	
800.00	797.45	783.22	780.62	3.92	3.87	-125.82	-151.63	-34.67	179.80	171.09	8.71	20.649	
900.00	896.61	881.77	878.21	4.10	4.05	-125.88	-161.02	-44.67	196.78	187.72	9.06	21.731	
1,000.00	995.76	980.31	975.80	4.31	4.26	-125.93	-170.40	-54.67	213.76	204.32	9.44	22.647	
1,100.00	1,094.92	1,078.86	1,073.39	4.53	4.49	-125.98	-179.79	-64.67	230.74	220.89	9.85	23.418	
1,200.00	1,194.08	1,177.41	1,170.98	4.76	4.73	-126.02	-189.18	-74.67	247.72	237.43	10.29	24.064	
1,300.00	1,293.23	1,275.96	1,268.57	5.01	4.99	-126.05	-198.57	-84.66	264.70	253.94	10.76	24.604	
1,400.00	1,392.39	1,374.50	1,366.15	5.26	5.25	-126.08	-207.96	-94.66	281.68	270.44	11.24	25.054	
1,500.00	1,491.54	1,473.05	1,463.74	5.53	5.53	-126.11	-217.35	-104.66	298.66	286.92	11.74	25.431	
1,600.00	1,590.70	1,571.60	1,561.33	5.80	5.81	-126.13	-226.74	-114.66	315.65	303.39	12.26	25.744	
1,700.00	1,689.86	1,670.15	1,658.92	6.08	6.10	-126.15	-236.13	-124.66	332.63	319.84	12.79	26.005	
1,800.00	1,789.01	1,768.69	1,756.51	6.23	6.30	-126.17	-245.51	-134.65	349.61	336.87	12.74	27.450	
1,900.00	1,888.17	1,867.24	1,854.10	6.26	6.38	-126.19	-254.90	-144.65	366.59	353.76	12.83	28.578	
2,000.00	1,987.32	1,965.79	1,951.69	6.31	6.43	-126.20	-264.29	-154.65	383.57	370.66	12.91	29.710	
2,100.00	2,086.48	2,064.34	2,049.27	6.38	6.49	-126.22	-273.68	-164.65	400.55	387.53	13.03	30.748	
2,200.00	2,185.63	2,162.88	2,146.86	6.46	6.58	-126.23	-283.07	-174.65	417.54	404.36	13.18	31.690	
2,300.00	2,284.79	2,261.43	2,244.45	6.56	6.68	-126.24	-292.46	-184.64	434.52	421.16	13.36	32.535	
2,400.00	2,383.95	2,359.98	2,342.04	6.68	6.80	-126.26	-301.85	-194.64	451.50	437.93	13.57	33.283	
2,500.00	2,483.10	2,458.53	2,439.63	6.81	6.93	-126.27	-311.23	-204.64	468.48	454.68	13.80	33.938	
2,600.00	2,582.26	2,557.07	2,537.22	6.95	7.08	-126.28	-320.62	-214.64	485.46	471.39	14.07	34.504	
2,700.00	2,681.41	2,655.62	2,634.81	7.11	7.25	-126.28	-330.01	-224.63	502.44	488.08	14.36	34.987	
2,800.00	2,780.57	2,754.17	2,732.39	7.28	7.43	-126.29	-339.40	-234.63	519.42	504.75	14.68	35.393	
2,900.00	2,879.73	2,852.72	2,829.98	7.46	7.61	-126.30	-348.79	-244.63	536.41	521.39	15.01	35.729	
3,000.00	2,978.88	2,951.26	2,927.57	7.65	7.82	-126.31	-358.18	-254.63	553.39	538.02	15.37	36.001	
3,100.00	3,078.04	3,049.81	3,025.16	7.85	8.03	-126.32	-367.57	-264.63	570.37	554.62	15.75	36.216	
3,200.00	3,177.19	3,148.36	3,122.75	8.06	8.25	-126.32	-376.96	-274.62	587.35	571.21	16.14	36.380	
3,300.00	3,276.35	3,246.91	3,220.34	8.28	8.48	-126.33	-386.34	-284.62	604.33	587.78	16.56	36.500	
3,400.00	3,375.50	3,345.46	3,317.92	8.51	8.72	-126.34	-395.73	-294.62	621.32	604.33	16.98	36.580	
3,500.00	3,474.66	3,444.00	3,415.51	8.74	8.96	-126.34	-405.12	-304.62	638.30	620.87	17.43	36.627	
3,600.00	3,573.82	3,542.55	3,513.10	8.98	9.21	-126.35	-414.51	-314.62	655.28	637.40	17.88	36.645	
3,700.00	3,672.97	3,641.10	3,610.69	9.23	9.47	-126.35	-423.90	-324.61	672.26	653.91	18.35	36.637	
3,800.00	3,772.13	3,739.65	3,708.28	9.48	9.74	-126.36	-433.29	-334.61	689.24	670.41	18.83	36.608	
3,900.00	3,871.28	3,838.19	3,805.87	9.74	10.01	-126.36	-442.68	-344.61	706.22	686.91	19.32	36.561	
4,000.00	3,970.44	3,936.74	3,903.46	10.00	10.28	-126.36	-452.06	-354.61	723.21	703.39	19.81	36.498	
4,100.00	4,069.60	4,035.29	4,001.04	10.27	10.56	-126.37	-461.45	-364.61	740.19	719.87	20.32	36.423	
4,200.00	4,168.75	4,133.84	4,098.63	10.54	10.84	-126.37	-470.84	-374.60	757.17	736.33	20.84	36.337	
4,300.00	4,267.91	4,232.38	4,196.22	10.81	11.13	-126.38	-480.23	-384.60	774.15	752.79	21.36	36.243	
4,400.00	4,367.06	4,330.93	4,293.81	11.09	11.42	-126.38	-489.62	-394.60	791.13	769.24	21.89	36.141	
4,500.00	4,466.22	4,429.48	4,391.40	11.37	11.72	-126.38	-499.01	-404.60	808.11	785.69	22.43	36.033	
4,600.00	4,565.37	4,528.03	4,488.99	11.65	12.02	-126.39	-508.40	-414.60	825.10	802.13	22.97	35.922	
4,700.00	4,664.53	4,626.57	4,586.57	11.94	12.32	-126.39	-517.79	-424.59	842.08	818.56	23.52	35.806	
4,800.00	4,763.69	4,725.12	4,684.16	12.23	12.62	-126.39	-527.17	-434.59	859.06	834.99	24.07	35.689	
4,900.00	4,862.84	4,823.67	4,781.75	12.52	12.93	-126.40	-536.56	-444.59	876.04	851.41	24.63	35.569	
5,000.00	4,962.00	4,922.22	4,879.34	12.81	13.23	-126.40	-545.95	-454.59	893.02	867.83	25.19	35.448	
5,100.00	5,061.15	5,020.76	4,976.93	13.11	13.54	-126.40	-555.34	-464.59	910.00	884.25	25.76	35.327	
5,200.00	5,160.31	5,119.31	5,074.52	13.40	13.86	-126.40	-564.73	-474.58	926.99	900.66	26.33	35.206	
5,300.00	5,259.47	5,217.86	5,172.11	13.70	14.17	-126.41	-574.12	-484.58	943.97	917.06	26.91	35.085	
5,400.00	5,358.62	5,316.41	5,269.69	14.00	14.49	-126.41	-583.51	-494.58	960.95	933.47	27.48	34.964	
5,500.00	5,457.78	5,414.95	5,367.28	14.31	14.80	-126.41	-592.89	-504.58	977.93	949.87	28.07	34.845	
5,600.00	5,556.93	5,513.50	5,464.87	14.61	15.12	-126.41	-602.28	-514.57	994.91	966.26	28.65	34.726	
5,700.00	5,656.09	5,612.05	5,562.46	14.92	15.44	-126.42	-611.67	-524.57	1,011.90	982.66	29.24	34.609	
5,800.00	5,755.24	5,710.60	5,660.05	15.22	15.77	-126.42	-621.06	-534.57	1,028.88	999.05	29.83	34.494	
5,900.00	5,854.40	5,809.14	5,757.64	15.53	16.09	-126.42	-630.45	-544.57	1,045.86	1,015.44	30.42	34.379	
6,000.00	5,953.56	5,907.69	5,855.23	15.84	16.41	-126.42	-639.84	-554.57	1,062.84	1,031.82	31.02	34.267	
6,100.00	6,052.71	6,006.24	5,952.81	16.15	16.74	-126.42	-649.23	-564.56	1,079.82	1,048.21	31.61	34.157	
6,200.00	6,151.87	6,104.79	6,050.40	16.46	17.07	-126.43	-658.62	-574.56	1,096.80	1,064.59	32.21	34.048	
6,300.00	6,251.02	6,203.33	6,147.99	16.78	17.39	-126.43	-668.00	-584.56	1,113.79	1,080.97	32.82	33.941	
6,400.00	6,350.18	6,301.88	6,245.58	17.09	17.72	-126.43	-677.39	-594.56	1,130.77	1,097.35	33.42	33.836	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,449.03	6,400.36	6,343.10	17.41	18.05	-111.87	-686.77	-604.55	1,147.78	1,113.74	34.04	33.720	
6,600.00	6,545.03	6,502.57	6,439.22	17.84	18.39	-101.94	-696.02	-614.40	1,164.94	1,130.15	34.79	33.488	
6,700.00	6,635.69	6,590.74	6,531.63	18.41	18.69	-98.19	-704.91	-623.86	1,182.49	1,146.85	35.63	33.183	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1										Offset Site Error:0.00 usft			
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:3.28 usft			
Reference		Offset		Semi Major Axis		Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-179.52	-99.83	-0.84	99.83				
100.00	100.00	100.00	100.00	3.28	3.28	-179.52	-99.83	-0.84	99.83	92.30	7.53	13.262	
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-99.83	-0.84	99.83	92.26	7.57	13.190	
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-99.83	-0.84	99.83	92.26	7.57	13.190	CC, ES
300.00	300.00	299.08	299.07	3.35	3.34	-124.91	-100.05	-1.19	100.31	92.66	7.65	13.109	
400.00	399.93	397.12	397.06	3.41	3.40	-124.83	-101.83	-4.04	104.14	96.37	7.77	13.403	
500.00	499.68	494.85	494.55	3.50	3.48	-124.69	-105.37	-9.70	111.80	103.87	7.94	14.088	
600.00	599.13	592.05	591.24	3.61	3.58	-124.49	-110.63	-18.13	123.26	115.11	8.15	15.121	
700.00	698.30	690.51	688.91	3.75	3.72	-124.43	-117.22	-28.66	137.37	128.95	8.42	16.313	
800.00	797.45	789.50	787.09	3.92	3.88	-124.43	-123.88	-39.33	151.58	142.85	8.73	17.357	
900.00	896.61	888.48	885.28	4.10	4.06	-124.42	-130.55	-50.00	165.79	156.70	9.09	18.247	
1,000.00	995.76	987.47	983.46	4.31	4.27	-124.41	-137.21	-60.66	180.00	170.52	9.47	19.000	
1,100.00	1,094.92	1,086.45	1,081.64	4.53	4.49	-124.41	-143.88	-71.33	194.21	184.32	9.89	19.632	
1,200.00	1,194.08	1,185.44	1,179.83	4.76	4.72	-124.41	-150.54	-82.00	208.42	198.08	10.34	20.162	
1,300.00	1,293.23	1,284.42	1,278.01	5.01	4.97	-124.40	-157.21	-92.66	222.63	211.82	10.81	20.603	
1,400.00	1,392.39	1,383.41	1,376.19	5.26	5.23	-124.40	-163.87	-103.33	236.84	225.54	11.29	20.971	
1,500.00	1,491.54	1,482.39	1,474.37	5.53	5.49	-124.40	-170.54	-114.00	251.05	239.25	11.80	21.279	
1,600.00	1,590.70	1,581.38	1,572.56	5.80	5.77	-124.40	-177.20	-124.66	265.26	252.94	12.32	21.534	
1,700.00	1,689.86	1,680.36	1,670.74	6.08	6.05	-124.39	-183.87	-135.33	279.47	266.62	12.85	21.747	
1,800.00	1,789.01	1,779.35	1,768.92	6.23	6.23	-124.39	-190.53	-145.99	293.68	280.89	12.78	22.972	
1,900.00	1,888.17	1,878.33	1,867.11	6.26	6.29	-124.39	-197.20	-156.66	307.89	295.02	12.86	23.935	
2,000.00	1,987.32	1,977.32	1,965.29	6.31	6.33	-124.39	-203.86	-167.33	322.10	309.15	12.95	24.874	
2,100.00	2,086.48	2,076.30	2,063.47	6.38	6.40	-124.39	-210.53	-177.99	336.31	323.24	13.07	25.735	
2,200.00	2,185.63	2,175.29	2,161.66	6.46	6.48	-124.39	-217.19	-188.66	350.51	337.30	13.22	26.515	
2,300.00	2,284.79	2,274.27	2,259.84	6.56	6.58	-124.39	-223.86	-199.33	364.72	351.32	13.40	27.214	
2,400.00	2,383.95	2,373.26	2,358.02	6.68	6.69	-124.38	-230.52	-209.99	378.93	365.32	13.61	27.832	
2,500.00	2,483.10	2,472.24	2,456.20	6.81	6.82	-124.38	-237.19	-220.66	393.14	379.29	13.86	28.373	
2,600.00	2,582.26	2,571.23	2,554.39	6.95	6.97	-124.38	-243.85	-231.32	407.35	393.23	14.12	28.840	
2,700.00	2,681.41	2,670.22	2,652.57	7.11	7.12	-124.38	-250.52	-241.99	421.56	407.15	14.42	29.238	
2,800.00	2,780.57	2,769.20	2,750.75	7.28	7.29	-124.38	-257.18	-252.66	435.77	421.04	14.74	29.572	
2,900.00	2,879.73	2,868.19	2,848.94	7.46	7.48	-124.38	-263.85	-263.32	449.98	434.91	15.08	29.848	
3,000.00	2,978.88	2,967.17	2,947.12	7.65	7.67	-124.38	-270.51	-273.99	464.19	448.76	15.44	30.071	
3,100.00	3,078.04	3,066.16	3,045.30	7.85	7.87	-124.38	-277.18	-284.66	478.40	462.59	15.82	30.246	
3,200.00	3,177.19	3,165.14	3,143.48	8.06	8.08	-124.38	-283.84	-295.32	492.61	476.40	16.21	30.380	
3,300.00	3,276.35	3,264.13	3,241.67	8.28	8.30	-124.38	-290.51	-305.99	506.82	490.19	16.63	30.477	
3,400.00	3,375.50	3,363.11	3,339.85	8.51	8.53	-124.38	-297.17	-316.66	521.03	503.97	17.06	30.542	
3,500.00	3,474.66	3,462.10	3,438.03	8.74	8.77	-124.38	-303.84	-327.32	535.24	517.74	17.50	30.579	
3,600.00	3,573.82	3,561.08	3,536.22	8.98	9.01	-124.38	-310.50	-337.99	549.45	531.49	17.96	30.592	
3,700.00	3,672.97	3,660.07	3,634.40	9.23	9.26	-124.38	-317.17	-348.65	563.66	545.23	18.43	30.584	
3,800.00	3,772.13	3,759.05	3,732.58	9.48	9.52	-124.37	-323.83	-359.32	577.87	558.96	18.91	30.558	
3,900.00	3,871.28	3,858.04	3,830.77	9.74	9.78	-124.37	-330.50	-369.99	592.08	572.68	19.40	30.518	
4,000.00	3,970.44	3,957.02	3,928.95	10.00	10.04	-124.37	-337.16	-380.65	606.29	586.39	19.90	30.465	
4,100.00	4,069.60	4,056.01	4,027.13	10.27	10.31	-124.37	-343.83	-391.32	620.50	600.09	20.41	30.401	
4,200.00	4,168.75	4,154.99	4,125.31	10.54	10.59	-124.37	-350.49	-401.99	634.71	613.78	20.93	30.329	
4,300.00	4,267.91	4,253.98	4,223.50	10.81	10.86	-124.37	-357.16	-412.65	648.92	627.47	21.45	30.249	
4,400.00	4,367.06	4,352.96	4,321.68	11.09	11.14	-124.37	-363.82	-423.32	663.13	641.15	21.98	30.164	
4,500.00	4,466.22	4,451.95	4,419.86	11.37	11.43	-124.37	-370.49	-433.99	677.34	654.82	22.52	30.074	
4,600.00	4,565.37	4,550.94	4,518.05	11.65	11.72	-124.37	-377.15	-444.65	691.55	668.48	23.07	29.980	
4,700.00	4,664.53	4,649.92	4,616.23	11.94	12.01	-124.37	-383.82	-455.32	705.76	682.14	23.62	29.884	
4,800.00	4,763.69	4,748.91	4,714.41	12.23	12.30	-124.37	-390.48	-465.98	719.97	695.80	24.17	29.786	
4,900.00	4,862.84	4,847.89	4,812.59	12.52	12.60	-124.37	-397.15	-476.65	734.18	709.45	24.73	29.686	
5,000.00	4,962.00	4,946.88	4,910.78	12.81	12.89	-124.37	-403.81	-487.32	748.39	723.09	25.30	29.585	
5,100.00	5,061.15	5,045.86	5,008.96	13.11	13.19	-124.37	-410.48	-497.98	762.60	736.73	25.86	29.484	
5,200.00	5,160.31	5,144.85	5,107.14	13.40	13.50	-124.37	-417.14	-508.65	776.81	750.37	26.44	29.383	
5,300.00	5,259.47	5,243.83	5,205.33	13.70	13.80	-124.37	-423.81	-519.32	791.02	764.00	27.01	29.282	
5,400.00	5,358.62	5,342.82	5,303.51	14.00	14.10	-124.37	-430.47	-529.98	805.23	777.63	27.59	29.182	
5,500.00	5,457.78	5,441.80	5,401.69	14.31	14.41	-124.37	-437.14	-540.65	819.44	791.26	28.18	29.082	
5,600.00	5,556.93	5,540.79	5,499.88	14.61	14.72	-124.37	-443.80	-551.32	833.65	804.88	28.76	28.983	
5,700.00	5,656.09	5,639.77	5,598.06	14.92	15.03	-124.37	-450.47	-561.98	847.86	818.50	29.35	28.886	
5,800.00	5,755.24	5,738.76	5,696.24	15.22	15.34	-124.37	-457.13	-572.65	862.07	832.12	29.94	28.790	
5,900.00	5,854.40	5,837.74	5,794.42	15.53	15.65	-124.37	-463.80	-583.31	876.28	845.74	30.54	28.695	
6,000.00	5,953.56	5,936.73	5,892.61	15.84	15.97	-124.37	-470.46	-593.98	890.49	859.35	31.13	28.601	
6,100.00	6,052.71	6,035.71	5,990.79	16.15	16.28	-124.37	-477.13	-604.65	904.70	872.96	31.73	28.509	
6,200.00	6,151.87	6,134.70	6,088.97	16.46	16.60	-124.37	-483.79	-615.31	918.91	886.57	32.33	28.419	
6,300.00	6,251.02	6,233.68	6,187.16	16.78	16.92	-124.37	-490.46	-625.98	933.12	900.18	32.94	28.330	
6,400.00	6,350.18	6,332.45	6,285.11	17.09	17.24	-124.36	-497.11	-636.77	947.33	913.78	33.54	28.242	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,449.03	6,429.12	6,379.42	17.41	17.61	-109.38	-503.55	-656.48	961.61	927.41	34.21	28.110	
6,600.00	6,545.03	6,524.53	6,468.54	17.84	18.09	-98.48	-509.69	-689.74	975.67	940.59	35.08	27.810	
6,700.00	6,635.69	6,618.96	6,550.89	18.41	18.68	-93.27	-515.41	-735.43	989.10	952.88	36.22	27.309	
6,800.00	6,718.78	6,712.60	6,625.00	19.14	19.42	-89.96	-520.63	-792.29	1,001.55	963.88	37.67	26.586	
6,900.00	6,792.26	6,805.63	6,689.61	20.06	20.32	-87.60	-525.24	-858.96	1,012.71	973.19	39.52	25.628	
7,000.00	6,854.31	6,898.21	6,743.60	21.22	21.43	-85.85	-529.16	-933.96	1,022.28	980.45	41.83	24.441	
7,100.00	6,903.40	6,990.47	6,786.05	22.66	22.76	-84.58	-532.33	-1,015.72	1,030.02	985.36	44.65	23.066	
7,200.00	6,938.33	7,082.54	6,816.22	24.35	24.31	-83.72	-534.69	-1,102.59	1,035.74	987.76	47.97	21.590	
7,300.00	6,958.23	7,174.53	6,833.57	26.27	26.05	-83.23	-536.20	-1,192.84	1,039.29	987.59	51.70	20.101	
7,400.00	6,962.97	7,268.03	6,838.02	28.34	27.96	-83.10	-536.85	-1,286.16	1,040.64	984.89	55.75	18.667	
7,500.00	6,962.81	7,368.03	6,838.10	30.55	30.15	-83.12	-537.23	-1,386.16	1,041.29	981.09	60.20	17.298	
7,600.00	6,962.66	7,468.03	6,838.18	32.87	32.46	-83.14	-537.62	-1,486.15	1,041.94	977.07	64.87	16.062	
7,700.00	6,962.51	7,568.03	6,838.26	35.30	34.87	-83.16	-538.00	-1,586.15	1,042.59	972.86	69.73	14.952	
7,800.00	6,962.35	7,668.02	6,838.34	37.80	37.36	-83.17	-538.38	-1,686.15	1,043.24	968.50	74.74	13.958	
7,900.00	6,962.20	7,768.02	6,838.43	40.36	39.92	-83.19	-538.76	-1,786.14	1,043.89	964.02	79.87	13.070	
8,000.00	6,962.05	7,868.02	6,838.51	42.98	42.53	-83.21	-539.14	-1,886.14	1,044.55	959.45	85.10	12.274	
8,100.00	6,961.90	7,968.02	6,838.59	45.64	45.18	-83.22	-539.52	-1,986.14	1,045.20	954.79	90.41	11.560	
8,200.00	6,961.74	8,068.01	6,838.67	48.33	47.88	-83.24	-539.90	-2,086.13	1,045.85	950.06	95.79	10.918	
8,300.00	6,961.59	8,168.01	6,838.75	51.05	50.60	-83.26	-540.28	-2,186.13	1,046.50	945.27	101.23	10.338	
8,400.00	6,961.44	8,268.01	6,838.83	53.80	53.35	-83.28	-540.66	-2,286.13	1,047.15	940.44	106.72	9.812	
8,500.00	6,961.29	8,368.00	6,838.91	56.58	56.12	-83.29	-541.04	-2,386.12	1,047.81	935.56	112.25	9.335	
8,600.00	6,961.13	8,468.00	6,838.99	59.37	58.91	-83.31	-541.42	-2,486.12	1,048.46	930.65	117.81	8.900	
8,700.00	6,960.98	8,568.00	6,839.08	62.17	61.72	-83.33	-541.80	-2,586.12	1,049.11	925.71	123.40	8.501	
8,800.00	6,960.83	8,668.00	6,839.16	64.99	64.54	-83.34	-542.18	-2,686.11	1,049.76	920.74	129.03	8.136	
8,900.00	6,960.68	8,767.99	6,839.24	67.83	67.37	-83.36	-542.56	-2,786.11	1,050.41	915.74	134.67	7.800	
9,000.00	6,960.52	8,867.99	6,839.32	70.67	70.22	-83.38	-542.94	-2,886.11	1,051.07	910.73	140.34	7.490	
9,100.00	6,960.37	8,967.99	6,839.40	73.52	73.07	-83.39	-543.33	-2,986.10	1,051.72	905.70	146.02	7.203	
9,200.00	6,960.22	9,067.99	6,839.48	76.39	75.93	-83.41	-543.71	-3,086.10	1,052.37	900.65	151.72	6.936	
9,300.00	6,960.06	9,167.98	6,839.56	79.26	78.80	-83.43	-544.09	-3,186.10	1,053.03	895.59	157.44	6.689	
9,400.00	6,959.91	9,267.98	6,839.65	82.13	81.68	-83.45	-544.47	-3,286.09	1,053.68	890.51	163.17	6.458	
9,500.00	6,959.76	9,367.98	6,839.73	85.01	84.56	-83.46	-544.85	-3,386.09	1,054.33	885.43	168.91	6.242	
9,600.00	6,959.61	9,467.98	6,839.81	87.90	87.45	-83.48	-545.23	-3,486.09	1,054.98	880.33	174.66	6.040	
9,700.00	6,959.45	9,567.97	6,839.89	90.79	90.34	-83.50	-545.61	-3,586.08	1,055.64	875.22	180.42	5.851	
9,800.00	6,959.30	9,667.97	6,839.97	93.69	93.24	-83.51	-545.99	-3,686.08	1,056.29	870.10	186.19	5.673	
9,900.00	6,959.15	9,767.97	6,840.05	96.59	96.14	-83.53	-546.37	-3,786.08	1,056.94	864.98	191.96	5.506	
10,000.00	6,959.00	9,867.97	6,840.13	99.50	99.04	-83.55	-546.75	-3,886.07	1,057.60	859.85	197.75	5.348	
10,100.00	6,958.84	9,967.96	6,840.22	102.41	101.95	-83.56	-547.13	-3,986.07	1,058.25	854.71	203.54	5.199	
10,200.00	6,958.69	10,067.96	6,840.30	105.32	104.86	-83.58	-547.51	-4,086.07	1,058.90	849.57	209.34	5.058	
10,300.00	6,958.54	10,167.96	6,840.38	108.23	107.77	-83.60	-547.89	-4,186.06	1,059.56	844.42	215.14	4.925	
10,400.00	6,958.39	10,267.96	6,840.46	111.15	110.69	-83.61	-548.27	-4,286.06	1,060.21	839.26	220.95	4.798	
10,500.00	6,958.23	10,367.95	6,840.54	114.07	113.61	-83.63	-548.65	-4,386.06	1,060.87	834.10	226.76	4.678	
10,600.00	6,958.08	10,467.95	6,840.62	116.99	116.53	-83.65	-549.04	-4,486.05	1,061.52	828.94	232.58	4.564	
10,700.00	6,957.93	10,567.95	6,840.70	119.91	119.45	-83.66	-549.42	-4,586.05	1,062.17	823.77	238.40	4.455	
10,800.00	6,957.77	10,667.94	6,840.79	122.84	122.38	-83.68	-549.80	-4,686.05	1,062.83	818.60	244.23	4.352	
10,900.00	6,957.62	10,767.94	6,840.87	125.77	125.30	-83.70	-550.18	-4,786.04	1,063.48	813.42	250.06	4.253	
11,000.00	6,957.47	10,867.94	6,840.95	128.70	128.23	-83.71	-550.56	-4,886.04	1,064.14	808.24	255.89	4.159	
11,100.00	6,957.32	10,967.94	6,841.03	131.63	131.16	-83.73	-550.94	-4,986.04	1,064.79	803.06	261.73	4.068	
11,200.00	6,957.16	11,067.93	6,841.11	134.56	134.09	-83.75	-551.32	-5,086.03	1,065.45	797.88	267.57	3.982	
11,300.00	6,957.01	11,167.93	6,841.19	137.49	137.03	-83.76	-551.70	-5,186.03	1,066.10	792.69	273.41	3.899	
11,400.00	6,956.86	11,267.93	6,841.27	140.43	139.96	-83.78	-552.08	-5,286.03	1,066.76	787.50	279.26	3.820	
11,500.00	6,956.71	11,367.93	6,841.36	143.36	142.89	-83.80	-552.46	-5,386.02	1,067.41	782.30	285.11	3.744	
11,600.00	6,956.55	11,467.92	6,841.44	146.30	145.83	-83.81	-552.84	-5,486.02	1,068.06	777.11	290.96	3.671	
11,700.00	6,956.40	11,567.92	6,841.52	149.24	148.77	-83.83	-553.22	-5,586.02	1,068.72	771.91	296.81	3.601	
11,800.00	6,956.25	11,667.92	6,841.60	152.18	151.71	-83.84	-553.60	-5,686.01	1,069.37	766.71	302.67	3.533	
11,900.00	6,956.10	11,767.92	6,841.68	155.12	154.64	-83.86	-553.98	-5,786.01	1,070.03	761.51	308.52	3.468	
12,000.00	6,955.94	11,867.91	6,841.76	158.06	157.58	-83.88	-554.36	-5,886.01	1,070.69	756.30	314.38	3.406	
12,100.00	6,955.79	11,967.91	6,841.84	161.00	160.52	-83.89	-554.74	-5,986.00	1,071.34	751.10	320.24	3.345	
12,200.00	6,955.64	12,067.91	6,841.93	163.95	163.47	-83.91	-555.13	-6,086.00	1,072.00	745.89	326.11	3.287	
12,300.00	6,955.48	12,167.91	6,842.01	166.89	166.41	-83.93	-555.51	-6,186.00	1,072.65	740.68	331.97	3.231	
12,400.00	6,955.33	12,267.90	6,842.09	169.83	169.35	-83.94	-555.89	-6,285.99	1,073.31	735.47	337.84	3.177	
12,500.00	6,955.18	12,367.90	6,842.17	172.78	172.29	-83.96	-556.27	-6,385.99	1,073.96	730.26	343.71	3.125	
12,600.00	6,955.03	12,467.90	6,842.25	175.72	175.24	-83.98	-556.65	-6,485.99	1,074.62	725.04	349.58	3.074	
12,700.00	6,954.87	12,567.90	6,842.33	178.67	178.18	-83.99	-557.03	-6,585.98	1,075.27	719.83	355.45	3.025	
12,800.00	6,954.72	12,667.89	6,842.41	181.62	181.13	-84.01	-557.41	-6,685.98	1,075.93	714.61	361.32	2.978	
12,900.00	6,954.57	12,767.89	6,842.49	184.56	184.07	-84.02	-557.79	-6,785.98	1,076.59	709.39	367.19	2.932	
13,000.00	6,954.42	12,867.89	6,842.58	187.51	187.02	-84.04	-558.17	-6,885.97	1,077.24	704.17	373.07	2.888	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
13,100.00	6,954.26	12,967.88	6,842.66	190.46	189.97	-84.06	-558.55	-6,985.97	1,077.90	698.95	378.94	2.844	
13,200.00	6,954.11	13,067.88	6,842.74	193.41	192.92	-84.07	-558.93	-7,085.97	1,078.55	693.73	384.82	2.803	
13,300.00	6,953.96	13,167.88	6,842.82	196.36	195.86	-84.09	-559.31	-7,185.96	1,079.21	688.51	390.70	2.762	
13,400.00	6,953.81	13,267.88	6,842.90	199.31	198.81	-84.10	-559.69	-7,285.96	1,079.87	683.29	396.58	2.723	
13,500.00	6,953.65	13,367.87	6,842.98	202.26	201.76	-84.12	-560.07	-7,385.96	1,080.52	678.06	402.46	2.685	
13,600.00	6,953.50	13,467.87	6,843.06	205.21	204.71	-84.14	-560.45	-7,485.95	1,081.18	672.84	408.34	2.648	
13,700.00	6,953.35	13,567.87	6,843.15	208.16	207.66	-84.15	-560.84	-7,585.95	1,081.84	667.61	414.22	2.612	
13,800.00	6,953.19	13,667.87	6,843.23	211.11	210.61	-84.17	-561.22	-7,685.95	1,082.49	662.39	420.11	2.577	
13,900.00	6,953.04	13,767.86	6,843.31	214.06	213.56	-84.18	-561.60	-7,785.94	1,083.15	657.16	425.99	2.543	
14,000.00	6,952.89	13,867.86	6,843.39	217.02	216.51	-84.20	-561.98	-7,885.94	1,083.81	651.93	431.88	2.510	
14,100.00	6,952.74	13,967.86	6,843.47	219.97	219.46	-84.22	-562.36	-7,985.94	1,084.46	646.70	437.76	2.477	
14,200.00	6,952.58	14,067.86	6,843.55	222.92	222.41	-84.23	-562.74	-8,085.93	1,085.12	641.47	443.65	2.446	
14,300.00	6,952.43	14,167.85	6,843.63	225.87	225.36	-84.25	-563.12	-8,185.93	1,085.78	636.24	449.54	2.415	
14,400.00	6,952.28	14,267.85	6,843.72	228.83	228.31	-84.26	-563.50	-8,285.93	1,086.44	631.01	455.43	2.386	
14,500.00	6,952.13	14,367.85	6,843.80	231.78	231.26	-84.28	-563.88	-8,385.92	1,087.09	625.78	461.32	2.356	
14,600.00	6,951.97	14,467.85	6,843.88	234.74	234.22	-84.30	-564.26	-8,485.92	1,087.75	620.54	467.21	2.328	
14,700.00	6,951.82	14,567.84	6,843.96	237.69	237.17	-84.31	-564.64	-8,585.92	1,088.41	615.31	473.10	2.301	
14,800.00	6,951.67	14,667.84	6,844.04	240.64	240.12	-84.33	-565.02	-8,685.91	1,089.07	610.07	478.99	2.274	
14,900.00	6,951.52	14,767.84	6,844.12	243.60	243.07	-84.34	-565.40	-8,785.91	1,089.72	604.84	484.88	2.247	
15,000.00	6,951.36	14,867.84	6,844.20	246.55	246.03	-84.36	-565.78	-8,885.91	1,090.38	599.60	490.78	2.222	
15,100.00	6,951.21	14,967.83	6,844.29	249.51	248.98	-84.38	-566.16	-8,985.90	1,091.04	594.37	496.67	2.197	
15,200.00	6,951.06	15,067.83	6,844.37	252.46	251.93	-84.39	-566.55	-9,085.90	1,091.70	589.13	502.57	2.172	
15,300.00	6,950.90	15,167.83	6,844.45	255.42	254.89	-84.41	-566.93	-9,185.90	1,092.36	583.89	508.46	2.148	
15,400.00	6,950.75	15,267.82	6,844.53	258.38	257.84	-84.42	-567.31	-9,285.89	1,093.01	578.66	514.36	2.125	
15,500.00	6,950.60	15,367.82	6,844.61	261.33	260.80	-84.44	-567.69	-9,385.89	1,093.67	573.42	520.25	2.102	
15,600.00	6,950.45	15,467.82	6,844.69	264.29	263.75	-84.45	-568.07	-9,485.88	1,094.33	568.18	526.15	2.080	
15,700.00	6,950.29	15,567.82	6,844.77	267.24	266.70	-84.47	-568.45	-9,585.88	1,094.99	562.94	532.05	2.058	
15,800.00	6,950.14	15,667.81	6,844.86	270.20	269.66	-84.48	-568.83	-9,685.88	1,095.65	557.70	537.95	2.037	
15,900.00	6,949.99	15,767.81	6,844.94	273.16	272.61	-84.50	-569.21	-9,785.87	1,096.31	552.46	543.85	2.016	
16,000.00	6,949.84	15,867.81	6,845.02	276.11	275.57	-84.52	-569.59	-9,885.87	1,096.96	547.22	549.75	1.995	
16,100.00	6,949.68	15,967.81	6,845.10	279.07	278.52	-84.53	-569.97	-9,985.87	1,097.62	541.98	555.65	1.975	
16,200.00	6,949.53	16,067.80	6,845.18	282.03	281.48	-84.55	-570.35	-10,085.86	1,098.28	536.74	561.55	1.956	
16,300.00	6,949.38	16,167.80	6,845.26	284.98	284.43	-84.56	-570.73	-10,185.86	1,098.94	531.49	567.45	1.937	
16,400.00	6,949.23	16,267.80	6,845.34	287.94	287.39	-84.58	-571.11	-10,285.86	1,099.60	526.25	573.35	1.918	
16,500.00	6,949.07	16,367.80	6,845.42	290.90	290.35	-84.59	-571.49	-10,385.85	1,100.26	521.01	579.25	1.899	
16,600.00	6,948.92	16,467.79	6,845.51	293.86	293.30	-84.61	-571.87	-10,485.85	1,100.92	515.76	585.15	1.881	
16,700.00	6,948.77	16,567.79	6,845.59	296.81	296.26	-84.62	-572.26	-10,585.85	1,101.58	510.52	591.06	1.864	
16,800.00	6,948.62	16,667.79	6,845.67	299.77	299.21	-84.64	-572.64	-10,685.84	1,102.24	505.28	596.96	1.846	
16,900.00	6,948.46	16,767.79	6,845.75	302.73	302.17	-84.66	-573.02	-10,785.84	1,102.90	500.03	602.86	1.829	
17,000.00	6,948.31	16,867.78	6,845.83	305.69	305.13	-84.67	-573.40	-10,885.84	1,103.55	494.79	608.77	1.813	
17,100.00	6,948.16	16,967.78	6,845.91	308.65	308.08	-84.69	-573.78	-10,985.83	1,104.21	489.54	614.67	1.796	
17,200.00	6,948.00	17,067.78	6,845.99	311.61	311.04	-84.70	-574.16	-11,085.83	1,104.87	484.30	620.58	1.780	
17,202.77	6,948.00	17,070.54	6,846.00	311.69	311.12	-84.70	-574.17	-11,088.60	1,104.89	484.15	620.74	1.780 SF	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	3.00	3.28	3.28	-123.19	-118.40	-180.99	216.27				
100.00	100.00	103.00	103.00	3.28	3.28	-123.19	-118.40	-180.99	216.27	208.74	7.53	28.731	
200.00	200.00	203.00	203.00	3.30	3.30	-123.19	-118.40	-180.99	216.27	208.70	7.57	28.571	
258.70	258.70	260.89	260.89	3.32	3.33	-68.66	-118.40	-181.00	216.18	208.57	7.61	28.392	CC, ES
300.00	300.00	299.34	299.34	3.35	3.34	-68.66	-118.56	-181.38	216.56	208.91	7.65	28.303	
400.00	399.93	392.37	392.31	3.41	3.40	-69.26	-119.72	-184.26	218.59	210.82	7.76	28.162	
500.00	499.68	485.18	484.92	3.50	3.47	-70.42	-122.01	-189.93	222.62	214.71	7.91	28.152	SF
600.00	599.13	577.64	576.93	3.61	3.57	-72.07	-125.41	-198.34	228.81	220.72	8.09	28.271	
700.00	698.30	669.69	668.19	3.75	3.69	-74.03	-129.89	-209.44	237.63	229.31	8.32	28.554	
800.00	797.45	761.27	758.56	3.92	3.85	-75.67	-135.44	-223.17	249.73	241.14	8.59	29.066	
900.00	896.61	852.23	847.80	4.10	4.04	-76.94	-142.02	-239.46	265.00	256.10	8.90	29.780	
1,000.00	995.76	942.38	935.66	4.31	4.27	-77.86	-149.59	-258.18	283.30	274.06	9.24	30.663	
1,100.00	1,094.92	1,036.87	1,027.18	4.53	4.55	-78.53	-158.40	-280.00	303.99	294.34	9.65	31.518	
1,200.00	1,194.08	1,134.61	1,121.77	4.76	4.88	-79.12	-167.60	-302.77	324.93	314.83	10.11	32.155	
1,300.00	1,293.23	1,232.34	1,216.37	5.01	5.24	-79.64	-176.80	-325.53	345.90	335.31	10.60	32.647	
1,400.00	1,392.39	1,330.07	1,310.97	5.26	5.61	-80.10	-185.99	-348.30	366.90	355.79	11.11	33.015	
1,500.00	1,491.54	1,427.80	1,405.56	5.53	6.01	-80.51	-195.19	-371.06	387.92	376.27	11.65	33.305	
1,600.00	1,590.70	1,525.53	1,500.16	5.80	6.42	-80.88	-204.39	-393.83	408.95	396.75	12.20	33.512	
1,700.00	1,689.86	1,623.26	1,594.76	6.08	6.84	-81.21	-213.59	-416.59	430.00	417.22	12.78	33.656	
1,800.00	1,789.01	1,720.99	1,689.35	6.23	7.22	-81.51	-222.78	-439.36	451.06	438.07	12.99	34.712	
1,900.00	1,888.17	1,818.72	1,783.95	6.26	7.43	-81.79	-231.98	-462.12	472.13	459.13	13.00	36.321	
2,000.00	1,987.32	1,916.45	1,878.54	6.31	7.51	-82.04	-241.18	-484.88	493.21	480.12	13.09	37.680	
2,100.00	2,086.48	2,014.18	1,973.14	6.38	7.61	-82.27	-250.37	-507.65	514.30	501.08	13.22	38.907	
2,200.00	2,185.63	2,111.91	2,067.74	6.46	7.75	-82.48	-259.57	-530.41	535.40	522.01	13.39	39.999	
2,300.00	2,284.79	2,209.64	2,162.33	6.56	7.92	-82.68	-268.77	-553.18	556.50	542.92	13.59	40.962	
2,400.00	2,383.95	2,307.38	2,256.93	6.68	8.11	-82.86	-277.97	-575.94	577.61	563.79	13.82	41.782	
2,500.00	2,483.10	2,405.11	2,351.53	6.81	8.33	-83.03	-287.16	-598.71	598.73	584.63	14.09	42.480	
2,600.00	2,582.26	2,502.84	2,446.12	6.95	8.57	-83.18	-296.36	-621.47	619.84	605.45	14.39	43.060	
2,700.00	2,681.41	2,600.57	2,540.72	7.11	8.83	-83.33	-305.56	-644.24	640.97	626.24	14.72	43.530	
2,800.00	2,780.57	2,701.70	2,635.32	7.28	9.13	-83.47	-314.76	-667.00	662.09	647.01	15.09	43.881	
2,900.00	2,879.73	2,796.03	2,729.91	7.46	9.42	-83.60	-323.95	-689.77	683.22	667.76	15.46	44.181	
3,000.00	2,978.88	2,906.24	2,824.51	7.65	9.77	-83.72	-333.15	-712.53	704.36	688.46	15.90	44.305	
3,100.00	3,078.04	2,991.49	2,919.11	7.85	10.06	-83.83	-342.35	-735.30	725.49	709.20	16.30	44.517	
3,200.00	3,177.19	3,089.22	3,013.70	8.06	10.40	-83.94	-351.54	-758.06	746.63	729.89	16.74	44.590	
3,300.00	3,276.35	3,186.95	3,108.30	8.28	10.76	-84.04	-360.74	-780.83	767.77	750.56	17.21	44.613	
3,400.00	3,375.50	3,284.68	3,202.90	8.51	11.12	-84.14	-369.94	-803.59	788.92	771.23	17.69	44.592	
3,500.00	3,474.66	3,382.41	3,297.49	8.74	11.50	-84.23	-379.14	-826.35	810.06	791.87	18.19	44.534	
3,600.00	3,573.82	3,480.14	3,392.09	8.98	11.88	-84.32	-388.33	-849.12	831.21	812.51	18.70	44.445	
3,700.00	3,672.97	3,577.88	3,486.68	9.23	12.28	-84.40	-397.53	-871.88	852.36	833.13	19.23	44.331	
3,800.00	3,772.13	3,675.61	3,581.28	9.48	12.67	-84.48	-406.73	-894.65	873.51	853.75	19.76	44.196	
3,900.00	3,871.28	3,773.34	3,675.88	9.74	13.08	-84.56	-415.93	-917.41	894.66	874.35	20.31	44.045	
4,000.00	3,970.44	3,871.07	3,770.47	10.00	13.49	-84.63	-425.12	-940.18	915.82	894.94	20.87	43.880	
4,100.00	4,069.60	3,968.80	3,865.07	10.27	13.91	-84.70	-434.32	-962.94	936.97	915.53	21.44	43.704	
4,200.00	4,168.75	4,066.53	3,959.67	10.54	14.33	-84.76	-443.52	-985.71	958.13	936.11	22.02	43.520	
4,300.00	4,267.91	4,164.26	4,054.26	10.81	14.76	-84.82	-452.72	-1,008.47	979.28	956.68	22.60	43.331	
4,400.00	4,367.06	4,261.99	4,148.86	11.09	15.19	-84.88	-461.91	-1,031.24	1,000.44	977.25	23.19	43.137	
4,500.00	4,466.22	4,359.72	4,243.46	11.37	15.62	-84.94	-471.11	-1,054.00	1,021.60	997.81	23.79	42.941	
4,600.00	4,565.37	4,457.45	4,338.05	11.65	16.06	-84.99	-480.31	-1,076.77	1,042.76	1,018.37	24.40	42.744	
4,700.00	4,664.53	4,555.18	4,432.65	11.94	16.50	-85.05	-489.50	-1,099.53	1,063.92	1,038.92	25.01	42.545	
4,800.00	4,763.69	4,652.91	4,527.25	12.23	16.94	-85.10	-498.70	-1,122.30	1,085.09	1,059.46	25.62	42.348	
4,900.00	4,862.84	4,750.65	4,621.84	12.52	17.39	-85.15	-507.90	-1,145.06	1,106.25	1,080.00	26.24	42.151	
5,000.00	4,962.00	4,848.38	4,716.44	12.81	17.84	-85.19	-517.10	-1,167.82	1,127.41	1,100.54	26.87	41.957	
5,100.00	5,061.15	4,946.11	4,811.03	13.11	18.29	-85.24	-526.29	-1,190.59	1,148.58	1,121.07	27.50	41.764	
5,200.00	5,160.31	5,043.84	4,905.63	13.40	18.74	-85.28	-535.49	-1,213.35	1,169.74	1,141.60	28.14	41.574	
5,300.00	5,259.47	5,141.57	5,000.23	13.70	19.20	-85.32	-544.69	-1,236.12	1,190.91	1,162.13	28.77	41.387	

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	-118.56	-98.36	-180.71	205.74				
100.00	100.00	103.00	103.00	3.28	3.28	-118.56	-98.36	-180.71	205.74	198.21	7.53	27.332	
200.00	200.00	203.00	203.00	3.30	3.30	-118.56	-98.36	-180.71	205.74	198.17	7.57	27.180	
262.10	262.10	264.12	264.12	3.33	3.33	-64.04	-98.36	-180.74	205.63	198.01	7.62	26.995	CC, ES
300.00	300.00	299.57	299.57	3.35	3.34	-64.02	-98.45	-181.12	205.99	198.34	7.65	26.921	
400.00	399.93	393.04	392.98	3.41	3.40	-64.57	-99.15	-184.19	207.71	199.94	7.76	26.756	
500.00	499.68	486.36	486.09	3.50	3.48	-65.63	-100.53	-190.21	211.11	203.20	7.91	26.687	
600.00	599.13	579.43	578.70	3.61	3.57	-67.16	-102.58	-199.15	216.32	208.22	8.10	26.715	
700.00	698.30	672.19	670.66	3.75	3.70	-68.95	-105.29	-210.98	223.85	215.52	8.33	26.883	
800.00	797.45	764.58	761.81	3.92	3.86	-70.38	-108.65	-225.63	234.55	225.95	8.60	27.278	
900.00	896.61	856.41	851.90	4.10	4.05	-71.40	-112.63	-243.04	248.32	239.41	8.91	27.874	
1,000.00	995.76	947.52	940.65	4.31	4.28	-72.05	-117.22	-263.07	265.03	255.78	9.25	28.646	
1,100.00	1,094.92	1,044.94	1,035.11	4.53	4.58	-72.50	-122.53	-286.27	283.48	273.81	9.68	29.298	
1,200.00	1,194.08	1,143.19	1,130.39	4.76	4.91	-72.90	-127.89	-309.68	301.97	291.83	10.14	29.786	
1,300.00	1,293.23	1,241.45	1,225.66	5.01	5.26	-73.25	-133.26	-333.10	320.47	309.84	10.63	30.149	
1,400.00	1,392.39	1,339.70	1,320.94	5.26	5.63	-73.57	-138.62	-356.51	338.98	327.83	11.15	30.406	
1,500.00	1,491.54	1,437.96	1,416.21	5.53	6.02	-73.85	-143.98	-379.92	357.50	345.82	11.68	30.603	
1,600.00	1,590.70	1,536.22	1,511.49	5.80	6.42	-74.10	-149.34	-403.34	376.02	363.79	12.24	30.724	
1,700.00	1,689.86	1,634.47	1,606.76	6.08	6.83	-74.33	-154.71	-426.75	394.56	381.75	12.81	30.799	
1,800.00	1,789.01	1,732.73	1,702.04	6.23	7.19	-74.54	-160.07	-450.16	413.10	400.09	13.01	31.753	
1,900.00	1,888.17	1,830.98	1,797.31	6.26	7.38	-74.73	-165.43	-473.58	431.64	418.64	13.00	33.214	
2,000.00	1,987.32	1,929.24	1,892.59	6.31	7.45	-74.91	-170.79	-496.99	450.19	437.10	13.09	34.399	
2,100.00	2,086.48	2,027.50	1,987.86	6.38	7.56	-75.07	-176.15	-520.40	468.74	455.52	13.22	35.464	
2,200.00	2,185.63	2,125.75	2,083.14	6.46	7.70	-75.22	-181.52	-543.82	487.29	473.91	13.38	36.409	
2,300.00	2,284.79	2,224.01	2,178.41	6.56	7.87	-75.36	-186.88	-567.23	505.85	492.26	13.59	37.232	
2,400.00	2,383.95	2,322.26	2,273.69	6.68	8.06	-75.49	-192.24	-590.65	524.41	510.59	13.82	37.936	
2,500.00	2,483.10	2,420.52	2,368.96	6.81	8.28	-75.61	-197.60	-614.06	542.97	528.88	14.09	38.529	
2,600.00	2,582.26	2,518.78	2,464.24	6.95	8.51	-75.72	-202.97	-637.47	561.54	547.14	14.39	39.015	
2,700.00	2,681.41	2,617.03	2,559.51	7.11	8.77	-75.82	-208.33	-660.89	580.10	565.38	14.72	39.405	
2,800.00	2,780.57	2,715.29	2,654.78	7.28	9.05	-75.92	-213.69	-684.30	598.67	583.59	15.08	39.707	
2,900.00	2,879.73	2,813.54	2,750.06	7.46	9.35	-76.01	-219.05	-707.71	617.24	601.78	15.46	39.931	
3,000.00	2,978.88	2,911.80	2,845.33	7.65	9.66	-76.10	-224.41	-731.13	635.81	619.95	15.86	40.085	
3,100.00	3,078.04	3,010.06	2,940.61	7.85	9.98	-76.18	-229.78	-754.54	654.38	638.10	16.29	40.179	
3,200.00	3,177.19	3,108.31	3,035.88	8.06	10.32	-76.26	-235.14	-777.95	672.96	656.23	16.73	40.223	
3,300.00	3,276.35	3,206.57	3,131.16	8.28	10.67	-76.33	-240.50	-801.37	691.53	674.34	17.19	40.218	
3,400.00	3,375.50	3,304.82	3,226.43	8.51	11.03	-76.40	-245.86	-824.78	710.11	692.44	17.67	40.178	
3,500.00	3,474.66	3,403.08	3,321.71	8.74	11.40	-76.47	-251.23	-848.19	728.69	710.52	18.17	40.106	
3,600.00	3,573.82	3,501.34	3,416.98	8.98	11.78	-76.53	-256.59	-871.61	747.26	728.59	18.68	40.007	
3,700.00	3,672.97	3,600.41	3,512.26	9.23	12.16	-76.59	-261.95	-895.02	765.84	746.64	19.20	39.881	
3,800.00	3,772.13	3,702.15	3,607.53	9.48	12.57	-76.65	-267.31	-918.44	784.42	764.68	19.75	39.723	
3,900.00	3,871.28	3,796.10	3,702.81	9.74	12.95	-76.70	-272.67	-941.85	803.00	782.72	20.28	39.596	
4,000.00	3,970.44	3,905.64	3,798.08	10.00	13.40	-76.75	-278.04	-965.26	821.58	800.71	20.87	39.368	
4,100.00	4,069.60	3,992.62	3,893.36	10.27	13.77	-76.80	-283.40	-988.68	840.17	818.77	21.40	39.261	
4,200.00	4,168.75	4,090.87	3,988.63	10.54	14.18	-76.85	-288.76	-1,012.09	858.75	836.77	21.97	39.083	
4,300.00	4,267.91	4,189.13	4,083.91	10.81	14.60	-76.89	-294.12	-1,035.50	877.33	854.78	22.55	38.900	
4,400.00	4,367.06	4,287.38	4,179.18	11.09	15.03	-76.94	-299.49	-1,058.92	895.91	872.77	23.14	38.714	
4,500.00	4,466.22	4,385.64	4,274.46	11.37	15.45	-76.98	-304.85	-1,082.33	914.50	890.76	23.74	38.527	
4,600.00	4,565.37	4,483.90	4,369.73	11.65	15.88	-77.02	-310.21	-1,105.74	933.08	908.74	24.34	38.339	
4,700.00	4,664.53	4,582.15	4,465.01	11.94	16.32	-77.06	-315.57	-1,129.16	951.67	926.72	24.94	38.151	
4,800.00	4,763.69	4,680.41	4,560.28	12.23	16.75	-77.09	-320.94	-1,152.57	970.25	944.69	25.56	37.964	
4,900.00	4,862.84	4,778.66	4,655.56	12.52	17.19	-77.13	-326.30	-1,175.99	988.84	962.66	26.17	37.778	
5,000.00	4,962.00	4,876.92	4,750.83	12.81	17.64	-77.16	-331.66	-1,199.40	1,007.42	980.62	26.80	37.595	
5,100.00	5,061.15	4,975.18	4,846.10	13.11	18.08	-77.20	-337.02	-1,222.81	1,026.01	998.58	27.42	37.414	
5,200.00	5,160.31	5,073.43	4,941.38	13.40	18.53	-77.23	-342.38	-1,246.23	1,044.59	1,016.54	28.05	37.235	
5,300.00	5,259.47	5,171.69	5,036.65	13.70	18.97	-77.26	-347.75	-1,269.64	1,063.18	1,034.49	28.69	37.060	
5,400.00	5,358.62	5,269.94	5,131.93	14.00	19.42	-77.29	-353.11	-1,293.05	1,081.77	1,052.44	29.33	36.888	
5,500.00	5,457.78	5,368.20	5,227.20	14.31	19.88	-77.32	-358.47	-1,316.47	1,100.35	1,070.39	29.97	36.719	
5,600.00	5,556.93	5,466.45	5,322.48	14.61	20.33	-77.35	-363.83	-1,339.88	1,118.94	1,088.33	30.61	36.553	
5,700.00	5,656.09	5,564.71	5,417.75	14.92	20.79	-77.37	-369.20	-1,363.29	1,137.53	1,106.27	31.26	36.391	
5,800.00	5,755.24	5,662.97	5,513.03	15.22	21.24	-77.40	-374.56	-1,386.71	1,156.12	1,124.21	31.91	36.232	
5,900.00	5,854.40	5,761.22	5,608.30	15.53	21.70	-77.42	-379.92	-1,410.12	1,174.70	1,142.14	32.56	36.077	
6,000.00	5,953.56	5,859.48	5,703.58	15.84	22.16	-77.45	-385.28	-1,433.53	1,193.29	1,160.08	33.22	35.925	
6,400.00	6,350.18	7,904.93	7,062.10	17.09	36.18	-128.10	-474.39	-655.77	1,163.59	1,117.74	45.85	25.379	
6,500.00	6,449.03	7,884.05	7,061.88	17.41	35.77	-116.44	-474.25	-666.80	1,112.13	1,064.84	47.29	23.517	
6,600.00	6,545.03	7,859.21	7,061.40	17.84	35.28	-110.24	-473.94	-691.63	1,068.39	1,019.72	48.67	21.950	
6,700.00	6,635.69	7,819.55	7,060.62	18.41	34.50	-107.88	-473.45	-731.28	1,033.46	983.71	49.75	20.773	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
6,800.00	6,718.78	7,766.03	7,059.57	19.14	33.50	-105.83	-472.78	-784.79	1,007.46	956.92	50.54	19.935		
6,900.00	6,792.26	7,700.03	7,058.28	20.06	32.32	-103.50	-471.95	-850.82	989.63	938.57	51.07	19.380		
7,000.00	6,854.31	7,623.01	7,056.78	21.22	31.07	-100.96	-470.98	-927.77	978.52	927.00	51.52	18.992		
7,100.00	6,903.40	7,515.21	7,051.02	22.66	29.49	-97.77	-469.42	-1,035.33	971.78	920.08	51.69	18.799		
7,200.00	6,938.33	7,399.30	7,026.05	24.35	28.05	-94.32	-466.66	-1,148.32	965.78	913.64	52.14	18.522		
7,300.00	6,958.23	7,296.79	6,987.24	26.27	27.04	-91.24	-463.29	-1,243.02	960.67	907.51	53.16	18.072		
7,400.00	6,962.97	7,204.30	6,939.61	28.34	26.37	-88.42	-459.57	-1,322.12	956.72	902.18	54.54	17.540		
7,479.54	6,962.84	7,140.42	6,900.26	30.10	26.03	-86.06	-456.68	-1,372.33	955.42	899.57	55.86	17.105		
7,500.00	6,962.81	7,125.57	6,890.40	30.55	25.97	-85.47	-455.97	-1,383.41	955.52	899.32	56.20	17.003		
7,600.00	6,962.66	7,061.24	6,844.83	32.87	25.73	-82.74	-452.76	-1,428.66	959.24	901.32	57.92	16.562		
7,700.00	6,962.51	7,008.70	6,804.38	35.30	25.59	-80.33	-449.99	-1,462.05	969.24	909.70	59.54	16.278		
7,800.00	6,962.35	6,965.53	6,769.17	37.80	25.50	-78.25	-447.63	-1,486.91	986.37	925.42	60.95	16.183 SF		
7,900.00	6,962.20	6,929.73	6,738.75	40.36	25.44	-76.47	-445.62	-1,505.67	1,010.98	948.91	62.07	16.287		
8,000.00	6,962.05	6,900.00	6,712.73	42.98	25.41	-74.96	-443.92	-1,519.93	1,043.05	980.15	62.90	16.584		
8,100.00	6,961.90	6,874.37	6,689.77	45.64	25.38	-73.64	-442.43	-1,531.23	1,082.25	1,018.82	63.43	17.063		
8,200.00	6,961.74	6,850.00	6,667.54	48.33	25.36	-72.37	-441.01	-1,541.11	1,128.09	1,064.41	63.68	17.714		
8,300.00	6,961.59	6,833.97	6,652.72	51.05	25.35	-71.54	-440.06	-1,547.15	1,179.96	1,116.20	63.76	18.506		

Offset Design5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys											Offset Site Error:	0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448											Offset Well Error:	3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	40.49	780.70	666.56	1,026.82				
100.00	100.00	75.51	75.51	3.28	3.28	40.51	780.45	666.88	1,026.56	1,019.21	7.35	139.583	
200.00	200.00	177.65	177.64	3.30	3.29	40.59	779.59	667.85	1,026.54	1,019.15	7.39	138.993	
300.00	300.00	288.85	288.83	3.35	3.32	95.29	778.32	668.26	1,025.96	1,018.50	7.46	137.599	
400.00	399.93	404.36	404.32	3.41	3.37	95.57	776.27	667.09	1,024.29	1,016.72	7.57	135.395	
500.00	499.68	511.25	511.15	3.50	3.43	95.98	774.33	664.26	1,021.88	1,014.17	7.71	132.541	
600.00	599.13	608.31	608.14	3.61	3.49	96.50	773.09	660.84	1,019.71	1,011.82	7.89	129.258	
700.00	698.30	704.98	704.74	3.75	3.57	97.07	772.43	657.10	1,018.11	1,010.01	8.11	125.599	
800.00	797.45	804.80	804.48	3.92	3.66	97.66	771.86	653.26	1,016.74	1,008.38	8.36	121.615	
900.00	896.61	901.13	900.75	4.10	3.76	98.24	771.18	649.90	1,015.62	1,006.98	8.64	117.518	
1,000.00	995.76	1,000.81	1,000.38	4.31	3.87	98.88	770.19	646.91	1,014.75	1,005.80	8.95	113.324	
1,100.00	1,094.92	1,099.83	1,099.35	4.53	3.99	99.53	769.07	644.07	1,014.01	1,004.72	9.29	109.151	
1,200.00	1,194.08	1,201.65	1,201.12	4.76	4.12	100.20	767.84	641.09	1,013.29	1,003.64	9.65	105.006	
1,300.00	1,293.23	1,299.02	1,298.43	5.01	4.25	100.82	766.80	638.06	1,012.68	1,002.66	10.02	101.037	
1,400.00	1,392.39	1,398.25	1,397.61	5.26	4.39	101.44	766.13	634.75	1,012.29	1,001.88	10.41	97.205	
1,494.66	1,486.25	1,490.21	1,489.52	5.51	4.52	101.99	765.74	631.60	1,012.14	1,001.35	10.79	93.765	
1,500.00	1,491.54	1,495.40	1,494.70	5.53	4.53	102.02	765.73	631.43	1,012.14	1,001.33	10.82	93.576	
1,600.00	1,590.70	1,594.99	1,594.23	5.80	4.68	102.62	765.48	628.02	1,012.21	1,000.98	11.23	90.103	
1,700.00	1,689.86	1,700.89	1,700.07	6.08	4.85	103.27	764.76	624.35	1,012.08	1,000.41	11.67	86.712	
1,740.47	1,729.98	1,737.46	1,736.61	6.14	4.91	103.50	764.42	623.09	1,012.00	1,000.21	11.79	85.836	CC, ES
1,800.00	1,789.01	1,791.45	1,790.58	6.23	5.00	103.83	764.12	621.36	1,012.17	1,000.42	11.76	86.091	
1,900.00	1,888.17	1,885.59	1,884.67	6.26	5.15	104.40	764.17	618.53	1,013.08	1,001.14	11.94	84.838	
2,000.00	1,987.32	1,987.25	1,986.29	6.31	5.33	105.00	764.48	615.50	1,014.29	1,002.13	12.16	83.424	
2,100.00	2,086.48	2,086.05	2,085.05	6.38	5.50	105.59	764.52	612.56	1,015.45	1,003.06	12.39	81.952	
2,200.00	2,185.63	2,183.40	2,182.35	6.46	5.67	106.17	764.68	609.77	1,016.88	1,004.24	12.64	80.448	
2,300.00	2,284.79	2,284.43	2,283.34	6.56	5.85	106.76	765.04	606.80	1,018.47	1,005.56	12.91	78.867	
2,400.00	2,383.95	2,385.31	2,384.16	6.68	6.03	107.31	765.67	603.38	1,019.98	1,006.78	13.20	77.245	
2,500.00	2,483.10	2,484.39	2,483.17	6.81	6.21	107.85	766.48	599.83	1,021.53	1,008.02	13.51	75.622	
2,600.00	2,582.26	2,582.70	2,581.42	6.95	6.39	108.37	767.31	596.38	1,023.26	1,009.44	13.83	74.009	
2,700.00	2,681.41	2,681.58	2,680.24	7.11	6.58	108.91	768.08	593.09	1,025.18	1,011.03	14.16	72.405	
2,800.00	2,780.57	2,779.57	2,778.18	7.28	6.76	109.45	768.82	589.95	1,027.29	1,012.78	14.50	70.830	
2,900.00	2,879.73	2,876.08	2,874.64	7.46	6.95	109.98	769.60	587.07	1,029.70	1,014.84	14.86	69.306	
3,000.00	2,978.88	2,974.93	2,973.46	7.65	7.14	110.53	770.38	584.40	1,032.42	1,017.19	15.23	67.805	
3,100.00	3,078.04	3,076.25	3,074.73	7.85	7.33	111.09	771.11	581.62	1,035.17	1,019.56	15.61	66.312	
3,200.00	3,177.19	3,180.62	3,179.06	8.06	7.54	111.68	771.54	578.57	1,037.70	1,021.69	16.01	64.813	
3,300.00	3,276.35	3,284.80	3,283.18	8.28	7.74	112.25	771.74	575.06	1,039.83	1,023.41	16.42	63.329	
3,400.00	3,375.50	3,379.03	3,377.35	8.51	7.93	112.77	772.00	571.79	1,042.02	1,025.20	16.82	61.959	
3,500.00	3,474.66	3,478.50	3,476.77	8.74	8.13	113.32	772.33	568.77	1,044.70	1,027.47	17.23	60.621	
3,600.00	3,573.82	3,577.51	3,575.73	8.98	8.33	113.86	772.69	565.65	1,047.40	1,029.74	17.65	59.328	
3,700.00	3,672.97	3,674.07	3,672.24	9.23	8.52	114.36	773.44	562.56	1,050.35	1,032.28	18.08	58.105	
3,800.00	3,772.13	3,777.21	3,775.33	9.48	8.73	114.91	774.09	559.44	1,053.47	1,034.96	18.52	56.890	
3,900.00	3,871.28	3,881.46	3,879.52	9.74	8.94	115.47	774.39	555.88	1,056.18	1,037.21	18.97	55.687	
4,000.00	3,970.44	3,982.86	3,980.85	10.00	9.14	116.00	774.60	552.09	1,058.66	1,039.24	19.41	54.529	
4,100.00	4,069.60	4,083.07	4,080.99	10.27	9.35	116.55	774.44	548.42	1,061.12	1,041.25	19.86	53.417	
4,200.00	4,168.75	4,179.89	4,177.75	10.54	9.55	117.08	774.11	545.04	1,063.74	1,043.43	20.31	52.369	
4,300.00	4,267.91	4,275.96	4,273.78	10.81	9.74	117.61	773.99	541.91	1,066.77	1,046.01	20.76	51.382	
4,400.00	4,367.06	4,372.49	4,370.25	11.09	9.94	118.14	773.92	539.07	1,070.19	1,048.98	21.21	50.445	
4,500.00	4,466.22	4,475.12	4,472.84	11.37	10.15	118.69	773.98	536.05	1,073.77	1,052.09	21.68	49.520	
4,600.00	4,565.37	4,580.43	4,578.07	11.65	10.37	119.20	774.76	532.02	1,076.94	1,054.78	22.16	48.597	
4,700.00	4,664.53	4,680.15	4,677.68	11.94	10.58	119.62	776.23	527.50	1,079.86	1,057.23	22.63	47.718	
4,800.00	4,763.69	4,777.41	4,774.82	12.23	10.78	120.02	778.05	523.07	1,082.98	1,059.88	23.10	46.889	
4,900.00	4,862.84	4,877.13	4,874.42	12.52	10.99	120.42	780.04	518.64	1,086.29	1,062.72	23.57	46.086	
5,000.00	4,962.00	4,973.87	4,971.07	12.81	11.19	120.83	781.48	514.62	1,089.73	1,065.69	24.04	45.329	
5,100.00	5,061.15	5,069.71	5,066.83	13.11	11.39	121.25	782.90	511.00	1,093.57	1,069.06	24.51	44.618	
5,200.00	5,160.31	5,165.41	5,162.46	13.40	11.59	121.68	784.12	507.82	1,097.82	1,072.84	24.98	43.948	
5,300.00	5,259.47	5,263.12	5,260.13	13.70	11.79	122.14	785.11	505.00	1,102.43	1,076.97	25.46	43.309	
5,400.00	5,358.62	5,358.63	5,355.61	14.00	11.99	122.58	786.13	502.40	1,107.28	1,081.35	25.93	42.708	
5,500.00	5,457.78	5,459.54	5,456.47	14.31	12.20	123.03	787.63	499.83	1,112.52	1,086.10	26.41	42.122	
5,600.00	5,556.93	5,565.37	5,562.22	14.61	12.42	123.46	789.65	496.37	1,117.31	1,090.40	26.91	41.522	
5,700.00	5,656.09	5,660.52	5,657.29	14.92	12.62	123.83	791.56	493.01	1,121.94	1,094.56	27.38	40.970	
5,800.00	5,755.24	5,756.80	5,753.53	15.22	12.82	124.24	793.07	490.40	1,127.24	1,099.38	27.86	40.457	
5,900.00	5,854.40	5,857.71	5,854.40	15.53	13.04	124.69	794.22	487.78	1,132.56	1,104.21	28.35	39.946	
6,000.00	5,953.56	5,956.51	5,953.15	15.84	13.24	125.12	795.35	485.14	1,137.88	1,109.05	28.84	39.458	
6,100.00	6,052.71	6,052.72	6,049.33	16.15	13.45	125.53	796.68	482.68	1,143.46	1,114.14	29.32	39.002	
6,200.00	6,151.87	6,148.23	6,144.80	16.46	13.65	125.94	797.91	480.62	1,149.43	1,119.64	29.80	38.576	
6,300.00	6,251.02	6,243.40	6,239.95	16.78	13.85	126.37	798.76	479.03	1,155.81	1,125.54	30.27	38.178	

Offset Design		5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,400.00	6,350.18	6,339.00	6,335.54	17.09	14.05	126.80	799.72	477.78	1,162.65	1,131.89	30.75	37.806	
6,500.00	6,449.03	6,436.46	6,432.98	17.41	14.25	140.91	801.29	476.55	1,171.97	1,140.73	31.24	37.514 SF	
6,600.00	6,545.03	6,533.59	6,530.05	17.84	14.46	150.02	804.22	474.97	1,194.67	1,162.89	31.78	37.591	

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	42.08	744.27	672.13	1,003.11				
100.00	100.00	79.83	79.83	3.28	3.28	42.09	744.14	672.11	1,002.73	995.38		7.35	136.340
200.00	200.00	178.03	178.03	3.30	3.29	42.09	743.93	671.97	1,002.49	995.10		7.39	135.733
300.00	300.00	280.65	280.65	3.35	3.32	96.70	744.04	671.60	1,002.37	994.92		7.45	134.474
353.43	353.41	334.68	334.67	3.38	3.34	96.77	743.96	671.34	1,002.31	994.81		7.50	133.560
400.00	399.93	380.96	380.96	3.41	3.36	96.88	743.90	671.13	1,002.36	994.81		7.56	132.656
500.00	499.68	480.48	480.48	3.50	3.41	97.27	743.62	670.85	1,002.84	995.14		7.69	130.332
600.00	599.13	573.34	573.33	3.61	3.47	97.80	743.37	670.96	1,004.10	996.24		7.87	127.658
700.00	698.30	673.17	673.16	3.75	3.54	98.53	743.52	671.35	1,006.32	998.24		8.08	124.560
800.00	797.45	773.61	773.60	3.92	3.63	99.29	743.28	671.75	1,008.46	1,000.13		8.33	121.094
900.00	896.61	872.20	872.19	4.10	3.72	100.02	743.09	672.08	1,010.75	1,002.15		8.61	117.451
1,000.00	995.76	970.44	970.43	4.31	3.83	100.74	743.12	672.31	1,013.29	1,004.38		8.91	113.723
1,100.00	1,094.92	1,069.61	1,069.60	4.53	3.94	101.43	743.52	672.25	1,016.05	1,006.81		9.24	109.969
1,200.00	1,194.08	1,180.31	1,180.30	4.76	4.07	102.23	743.36	672.12	1,018.55	1,008.95		9.60	106.056
1,300.00	1,293.23	1,290.72	1,290.67	5.01	4.22	103.13	740.71	672.27	1,019.91	1,009.92		9.99	102.119
1,400.00	1,392.39	1,407.82	1,407.60	5.26	4.38	104.26	734.43	673.31	1,020.13	1,009.74		10.40	98.132
1,500.00	1,491.54	1,524.98	1,524.26	5.53	4.55	105.59	723.92	674.95	1,018.75	1,007.94		10.82	94.177
1,600.00	1,590.70	1,635.35	1,633.66	5.80	4.72	107.09	709.65	678.02	1,016.46	1,005.22		11.24	90.408
1,700.00	1,689.86	1,751.60	1,748.29	6.08	4.91	108.87	690.79	681.82	1,013.20	1,001.51		11.69	86.705
1,800.00	1,789.01	1,880.29	1,874.39	6.23	5.12	111.03	665.37	685.42	1,008.38	996.57		11.81	85.384
1,900.00	1,888.17	1,984.84	1,975.94	6.26	5.30	112.99	640.65	688.01	1,002.06	990.05		12.01	83.455
2,000.00	1,987.32	2,086.89	2,074.47	6.31	5.48	115.05	614.29	691.15	996.23	984.01		12.22	81.527
2,100.00	2,086.48	2,188.06	2,171.49	6.38	5.66	117.23	585.84	694.65	990.89	978.44		12.45	79.580
2,200.00	2,185.63	2,289.86	2,268.62	6.46	5.85	119.53	555.57	698.05	986.18	973.47		12.71	77.606
2,300.00	2,284.79	2,399.36	2,372.30	6.56	6.07	122.14	520.49	701.28	981.78	968.78		13.00	75.542
2,400.00	2,383.95	2,501.60	2,468.08	6.68	6.29	124.74	484.81	703.88	977.75	964.45		13.30	73.508
2,500.00	2,483.10	2,577.86	2,539.04	6.81	6.47	126.76	456.99	706.38	975.79	962.20		13.59	71.796
2,509.89	2,492.91	2,585.36	2,545.99	6.82	6.49	126.97	454.21	706.70	975.77	962.15		13.62	71.639 CC, ES
2,600.00	2,582.26	2,657.93	2,612.97	6.95	6.66	128.98	426.53	710.41	977.00	963.10		13.90	70.281
2,700.00	2,681.41	2,737.93	2,685.98	7.11	6.86	131.30	394.24	715.58	981.22	966.99		14.23	68.974
2,800.00	2,780.57	2,825.74	2,765.49	7.28	7.09	133.91	357.55	722.12	988.54	973.95		14.58	67.794
2,900.00	2,879.73	2,931.97	2,863.25	7.46	7.38	136.82	316.37	727.46	996.59	981.59		15.00	66.454
3,000.00	2,978.88	3,008.96	2,934.64	7.65	7.59	138.83	287.80	731.21	1,006.94	991.59		15.35	65.606
3,100.00	3,078.04	3,080.80	3,001.16	7.85	7.80	140.68	261.03	735.74	1,020.55	1,004.86		15.69	65.038
3,200.00	3,177.19	3,161.77	3,076.19	8.06	8.03	142.72	231.24	741.92	1,037.26	1,021.19		16.06	64.567
3,300.00	3,276.35	3,267.54	3,175.16	8.28	8.34	145.16	194.78	749.77	1,055.56	1,039.04		16.52	63.882
3,400.00	3,375.50	3,368.35	3,269.39	8.51	8.64	147.46	159.37	755.31	1,073.67	1,056.69		16.98	63.245
3,500.00	3,474.66	3,475.02	3,369.02	8.74	8.96	149.83	121.57	760.15	1,092.54	1,075.08		17.46	62.579
3,600.00	3,573.82	3,565.91	3,453.92	8.98	9.25	151.79	89.28	763.13	1,111.75	1,093.85		17.90	62.118
3,700.00	3,672.97	3,648.45	3,531.04	9.23	9.51	153.52	60.01	766.21	1,132.77	1,114.45		18.31	61.852
3,800.00	3,772.13	3,725.30	3,602.61	9.48	9.76	155.10	32.22	769.56	1,155.82	1,137.11		18.72	61.758 SF
3,900.00	3,871.28	3,793.77	3,665.75	9.74	9.99	156.54	6.01	773.22	1,181.53	1,162.44		19.09	61.902



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	-47.23	503.83	-544.61	742.05					
100.00	100.00	84.36	84.36	3.28	3.28	-47.23	503.89	-544.68	742.02	734.66	7.35	100.889		
200.00	200.00	183.34	183.34	3.30	3.29	-47.24	503.95	-545.04	742.32	734.93	7.39	100.491		
300.00	300.00	281.39	281.39	3.35	3.32	7.32	503.83	-545.78	742.36	734.91	7.45	99.583		
400.00	399.93	375.65	375.64	3.41	3.36	7.30	503.97	-546.88	739.86	732.30	7.55	97.931		
500.00	499.68	480.45	480.42	3.50	3.41	7.29	503.93	-548.69	734.19	726.50	7.70	95.362		
600.00	599.13	581.08	581.03	3.61	3.48	7.28	502.96	-550.33	724.37	716.49	7.88	91.963		
700.00	698.30	685.44	685.38	3.75	3.56	7.27	501.79	-551.81	711.87	703.78	8.09	87.992		
800.00	797.45	782.58	782.49	3.92	3.64	7.23	500.16	-553.19	698.92	690.60	8.32	84.022		
900.00	896.61	882.65	882.55	4.10	3.74	7.21	498.91	-554.51	686.18	677.61	8.58	80.006		
1,000.00	995.76	981.98	981.86	4.31	3.85	7.19	497.48	-555.79	673.29	664.44	8.86	76.009		
1,100.00	1,094.92	1,076.83	1,076.69	4.53	3.97	7.17	496.31	-557.19	660.68	651.53	9.16	72.163		
1,200.00	1,194.08	1,173.34	1,173.18	4.76	4.09	7.14	495.50	-559.11	648.71	639.23	9.47	68.470		
1,300.00	1,293.23	1,273.87	1,273.69	5.01	4.22	7.18	495.33	-560.67	636.86	627.05	9.82	64.874		
1,400.00	1,392.39	1,372.61	1,372.42	5.26	4.36	7.23	495.19	-561.94	624.85	614.67	10.17	61.426		
1,500.00	1,491.54	1,471.07	1,470.87	5.53	4.50	7.24	494.78	-563.71	613.01	602.47	10.54	58.155		
1,600.00	1,590.70	1,567.25	1,567.04	5.80	4.65	7.30	494.90	-565.27	601.42	590.50	10.92	55.081		
1,700.00	1,689.86	1,665.73	1,665.50	6.08	4.80	7.39	495.52	-567.08	590.32	579.01	11.31	52.188		
1,800.00	1,789.01	1,764.95	1,764.71	6.23	4.96	7.52	496.49	-568.53	579.19	567.80	11.39	50.851		
1,900.00	1,888.17	1,867.05	1,866.79	6.26	5.13	7.70	497.62	-569.77	567.97	556.40	11.57	49.073		
2,000.00	1,987.32	1,966.01	1,965.74	6.31	5.29	7.88	498.45	-570.61	556.31	544.53	11.77	47.257		
2,100.00	2,086.48	2,068.71	2,068.43	6.38	5.47	8.08	499.34	-571.52	544.70	532.70	11.99	45.413		
2,200.00	2,185.63	2,170.16	2,169.88	6.46	5.64	8.32	499.90	-571.57	532.28	520.04	12.23	43.518		
2,300.00	2,284.79	2,270.73	2,270.45	6.56	5.81	8.60	500.54	-571.27	519.67	507.19	12.48	41.633		
2,400.00	2,383.95	2,371.21	2,370.93	6.68	5.99	8.84	500.57	-571.14	506.78	494.03	12.75	39.754		
2,500.00	2,483.10	2,469.68	2,469.39	6.81	6.16	8.92	499.58	-571.86	493.79	480.76	13.02	37.913		
2,600.00	2,582.26	2,568.18	2,567.88	6.95	6.35	9.00	498.64	-572.82	481.01	467.69	13.32	36.120		
2,700.00	2,681.41	2,664.61	2,664.31	7.11	6.53	9.20	498.59	-573.25	468.49	454.87	13.62	34.394		
2,800.00	2,780.57	2,762.65	2,762.34	7.28	6.71	9.37	498.75	-574.34	456.58	442.64	13.94	32.750		
2,900.00	2,879.73	2,864.07	2,863.75	7.46	6.90	9.55	498.75	-575.42	444.55	430.27	14.28	31.131		
3,000.00	2,978.88	2,963.66	2,963.34	7.65	7.09	9.78	498.62	-575.95	432.05	417.42	14.63	29.539		
3,100.00	3,078.04	3,061.14	3,060.82	7.85	7.28	10.04	498.81	-576.50	419.80	404.82	14.98	28.023		
3,200.00	3,177.19	3,160.35	3,160.02	8.06	7.48	10.19	498.63	-577.91	407.90	392.55	15.35	26.578		
3,300.00	3,276.35	3,262.18	3,261.84	8.28	7.67	10.30	497.87	-579.45	395.65	379.92	15.72	25.161		
3,400.00	3,375.50	3,363.59	3,363.22	8.51	7.87	10.30	496.08	-580.97	382.68	366.57	16.11	23.757		
3,500.00	3,474.66	3,462.30	3,461.90	8.74	8.07	10.27	494.02	-582.39	369.44	352.94	16.49	22.397		
3,600.00	3,573.82	3,562.77	3,562.35	8.98	8.26	10.32	492.33	-583.58	356.31	339.42	16.89	21.094		
3,700.00	3,672.97	3,661.57	3,661.13	9.23	8.46	10.37	490.35	-584.41	342.71	325.42	17.29	19.819		
3,800.00	3,772.13	3,758.47	3,758.00	9.48	8.65	10.41	488.72	-585.66	329.65	311.96	17.70	18.627		
3,900.00	3,871.28	3,857.72	3,857.23	9.74	8.85	10.45	487.37	-587.30	317.08	298.97	18.11	17.506		
4,000.00	3,970.44	3,958.43	3,957.92	10.00	9.05	10.47	485.59	-588.77	304.08	285.55	18.53	16.407		
4,100.00	4,069.60	4,058.10	4,057.56	10.27	9.26	10.47	483.49	-590.02	290.70	271.74	18.96	15.334		
4,200.00	4,168.75	4,156.48	4,155.92	10.54	9.45	10.65	482.08	-590.62	277.35	257.96	19.39	14.306		
4,300.00	4,267.91	4,255.09	4,254.53	10.81	9.65	11.06	481.53	-590.81	264.34	244.51	19.82	13.335		
4,400.00	4,367.06	4,353.64	4,353.08	11.09	9.85	11.58	481.30	-590.80	251.45	231.18	20.27	12.407		
4,500.00	4,466.22	4,452.53	4,451.97	11.37	10.05	12.12	481.16	-591.13	238.87	218.16	20.71	11.532		
4,600.00	4,565.37	4,553.64	4,553.07	11.65	10.26	12.61	480.46	-591.65	226.04	204.88	21.17	10.679		
4,700.00	4,664.53	4,654.70	4,654.12	11.94	10.46	13.09	478.72	-591.56	212.06	190.44	21.62	9.808		
4,800.00	4,763.69	4,755.43	4,754.82	12.23	10.66	13.95	477.14	-590.23	197.42	175.34	22.08	8.940		
4,900.00	4,862.84	4,854.86	4,854.21	12.52	10.86	14.92	474.87	-588.32	181.90	159.35	22.55	8.066		
5,000.00	4,962.00	4,952.26	4,951.58	12.81	11.06	16.15	473.07	-586.46	166.78	143.75	23.03	7.241		
5,100.00	5,061.15	5,049.01	5,048.31	13.11	11.25	17.42	471.85	-585.65	152.86	129.34	23.52	6.499		
5,200.00	5,160.31	5,146.30	5,145.61	13.40	11.45	18.84	471.64	-585.89	140.50	116.48	24.02	5.849		
5,300.00	5,259.47	5,244.53	5,243.83	13.70	11.66	20.56	472.21	-586.62	129.18	104.65	24.53	5.266		
5,400.00	5,358.62	5,343.62	5,342.91	14.00	11.86	22.45	473.09	-587.97	118.58	93.53	25.05	4.734		
5,500.00	5,457.78	5,442.99	5,442.26	14.31	12.06	24.85	473.98	-589.03	108.00	82.41	25.59	4.221		
5,600.00	5,556.93	5,542.13	5,541.39	14.61	12.27	28.13	475.41	-589.66	97.93	71.77	26.16	3.744		
5,700.00	5,656.09	5,641.16	5,640.41	14.92	12.47	32.43	477.05	-589.86	88.29	61.51	26.77	3.298		
5,800.00	5,755.24	5,739.69	5,738.91	15.22	12.67	37.27	479.20	-590.88	80.01	52.59	27.42	2.918		
5,900.00	5,854.40	5,838.93	5,838.09	15.53	12.88	42.69	482.08	-592.72	73.31	45.22	28.09	2.610		
6,000.00	5,953.56	5,938.65	5,937.75	15.84	13.08	48.52	484.44	-595.26	66.94	38.16	28.78	2.326		
6,100.00	6,052.71	6,038.02	6,037.05	16.15	13.29	55.39	487.17	-597.84	61.77	32.28	29.50	2.094		
6,200.00	6,151.87	6,137.54	6,136.49	16.46	13.50	62.96	489.74	-600.89	57.42	27.21	30.21	1.901		
6,300.00	6,251.02	6,236.75	6,235.59	16.78	13.70	71.01	493.21	-604.20	55.03	24.14	30.89	1.781		
6,400.00	6,350.18	6,336.50	6,335.26	17.09	13.91	80.84	496.42	-606.40	54.06	22.54	31.52	1.715		
6,406.91	6,357.03	6,343.40	6,342.15	17.11	13.93	83.05	496.60	-606.51	54.05	22.49	31.56	1.713 CC, ES, SF		

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	6,449.03	6,435.95	6,434.68	17.41	14.12	107.92	498.43	-607.49	55.89	23.87	32.01	1.746	
6,600.00	6,545.03	6,531.93	6,530.66	17.84	14.31	136.11	498.92	-607.46	72.09	39.93	32.16	2.242	
6,700.00	6,635.69	6,621.54	6,620.26	18.41	14.50	153.61	498.47	-606.34	108.73	76.53	32.20	3.377	
6,800.00	6,718.78	6,704.16	6,702.87	19.14	14.66	162.94	498.11	-605.20	162.57	130.14	32.44	5.012	
6,900.00	6,792.26	6,776.11	6,774.81	20.06	14.81	168.00	497.58	-604.18	230.10	197.32	32.77	7.021	
7,000.00	6,854.31	6,836.41	6,835.10	21.22	14.93	170.97	496.85	-603.17	308.89	275.77	33.12	9.326	
7,100.00	6,903.40	6,883.80	6,882.48	22.66	15.03	172.59	496.60	-602.35	396.52	363.08	33.44	11.859	
7,200.00	6,938.33	6,915.95	6,914.62	24.35	15.09	173.20	496.62	-601.77	490.65	456.98	33.67	14.572	
7,300.00	6,958.23	6,932.58	6,931.25	26.27	15.13	171.91	496.65	-601.42	588.91	555.10	33.81	17.418	
7,400.00	6,962.97	6,934.90	6,933.57	28.34	15.13	8.61	496.65	-601.37	688.80	654.94	33.86	20.343	
7,500.00	6,962.81	6,932.74	6,931.41	30.55	15.13	7.62	496.65	-601.42	788.77	754.89	33.88	23.282	
7,600.00	6,962.66	6,930.64	6,929.31	32.87	15.12	6.84	496.64	-601.46	888.74	854.84	33.90	26.216	
7,700.00	6,962.51	6,928.59	6,927.26	35.30	15.12	6.22	496.64	-601.51	988.71	954.79	33.93	29.144	
7,800.00	6,962.35	6,926.58	6,925.25	37.80	15.12	5.71	496.64	-601.55	1,088.69	1,054.73	33.95	32.065	
7,900.00	6,962.20	6,924.63	6,923.30	40.36	15.11	5.29	496.63	-601.59	1,188.66	1,154.68	33.98	34.980	

Offset Design5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis						Distance			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-130.30	-476.13	-561.34	736.27				
100.00	100.00	83.19	83.19	3.28	3.28	-130.32	-476.28	-561.20	736.06	728.71	7.35	100.080	
200.00	200.00	184.62	184.62	3.30	3.29	-130.36	-476.60	-560.78	735.95	728.57	7.39	99.631	
300.00	300.00	284.17	284.17	3.35	3.32	-75.81	-476.61	-560.50	735.64	728.18	7.45	98.677	
400.00	399.93	382.24	382.23	3.41	3.36	-76.08	-476.47	-560.56	734.74	727.19	7.56	97.240	
500.00	499.68	478.80	478.80	3.50	3.41	-76.59	-476.39	-561.01	733.39	725.70	7.69	95.355	
600.00	599.13	578.01	578.00	3.61	3.47	-77.36	-476.33	-561.86	731.62	723.75	7.87	93.012	
700.00	698.30	677.38	677.37	3.75	3.54	-78.31	-476.23	-562.68	729.43	721.35	8.08	90.278	
800.00	797.45	777.68	777.66	3.92	3.63	-79.25	-476.04	-563.52	727.37	719.04	8.33	87.320	
900.00	896.61	876.66	876.64	4.10	3.73	-80.19	-475.78	-564.28	725.41	716.80	8.61	84.251	
1,000.00	995.76	976.01	975.99	4.31	3.84	-81.14	-475.56	-565.08	723.71	714.79	8.92	81.145	
1,100.00	1,094.92	1,076.41	1,076.39	4.53	3.95	-82.10	-475.25	-565.85	722.12	712.86	9.25	78.038	
1,200.00	1,194.08	1,177.05	1,177.02	4.76	4.08	-83.07	-474.84	-566.46	720.54	710.93	9.61	74.976	
1,300.00	1,293.23	1,276.56	1,276.53	5.01	4.21	-84.02	-474.22	-567.10	719.04	709.05	9.98	72.012	
1,400.00	1,392.39	1,376.64	1,376.60	5.26	4.35	-84.97	-473.46	-567.84	717.69	707.31	10.38	69.160	
1,500.00	1,491.54	1,476.22	1,476.18	5.53	4.49	-85.92	-472.63	-568.49	716.44	705.66	10.78	66.435	
1,600.00	1,590.70	1,577.30	1,577.25	5.80	4.65	-86.85	-471.47	-569.39	715.28	704.07	11.21	63.829	
1,700.00	1,689.86	1,677.71	1,677.64	6.08	4.80	-87.75	-469.90	-570.42	714.06	702.42	11.64	61.349	
1,800.00	1,789.01	1,776.69	1,776.59	6.23	4.96	-88.61	-468.08	-571.71	712.97	701.23	11.74	60.735	
1,900.00	1,888.17	1,874.61	1,874.46	6.26	5.12	-89.39	-465.83	-573.82	712.17	700.24	11.93	59.690	
2,000.00	1,987.32	1,974.10	1,973.90	6.31	5.29	-90.16	-463.53	-576.26	711.66	699.52	12.15	58.587	
2,100.00	2,086.48	2,073.56	2,073.31	6.38	5.46	-90.95	-461.27	-578.57	711.25	698.87	12.38	57.435	
2,200.00	2,185.63	2,172.80	2,172.50	6.46	5.64	-91.75	-459.22	-580.64	711.01	698.37	12.64	56.253	
2,298.19	2,283.00	2,270.47	2,270.14	6.56	5.81	-92.57	-457.39	-582.44	710.95	698.04	12.91	55.070	
2,300.00	2,284.79	2,272.27	2,271.94	6.56	5.82	-92.59	-457.35	-582.48	710.95	698.03	12.91	55.048	
2,400.00	2,383.95	2,372.31	2,371.94	6.68	6.00	-93.43	-455.43	-584.32	710.99	697.78	13.21	53.826	
2,500.00	2,483.10	2,471.90	2,471.50	6.81	6.18	-94.26	-453.45	-586.14	711.12	697.60	13.52	52.599	
2,600.00	2,582.26	2,572.14	2,571.70	6.95	6.37	-95.08	-451.36	-588.05	711.36	697.51	13.85	51.373	
2,700.00	2,681.41	2,671.72	2,671.25	7.11	6.55	-95.92	-449.32	-589.70	711.66	697.47	14.19	50.159	
2,800.00	2,780.57	2,771.91	2,771.39	7.28	6.74	-96.77	-447.27	-591.31	712.08	697.54	14.54	48.961	
2,900.00	2,879.73	2,871.78	2,871.23	7.46	6.93	-97.61	-445.08	-592.93	712.55	697.64	14.91	47.783	
3,000.00	2,978.88	2,970.81	2,970.22	7.65	7.12	-98.42	-442.84	-594.68	713.17	697.88	15.29	46.641	
3,100.00	3,078.04	3,070.81	3,070.18	7.85	7.32	-99.24	-440.60	-596.47	713.97	698.28	15.68	45.529	
3,200.00	3,177.19	3,173.70	3,173.02	8.06	7.52	-100.10	-438.12	-598.08	714.66	698.57	16.09	44.422	
3,300.00	3,276.35	3,280.80	3,280.07	8.28	7.73	-101.02	-434.98	-599.00	714.74	698.23	16.51	43.288	
3,400.00	3,375.50	3,387.89	3,387.10	8.51	7.94	-102.00	-431.03	-598.76	713.85	696.91	16.94	42.134	
3,500.00	3,474.66	3,489.70	3,488.81	8.74	8.14	-103.05	-427.11	-596.97	712.42	695.05	17.37	41.009	
3,600.00	3,573.82	3,589.01	3,588.01	8.98	8.33	-104.17	-423.62	-593.94	711.06	693.26	17.80	39.937	
3,700.00	3,672.97	3,685.98	3,684.87	9.23	8.52	-105.32	-420.51	-590.56	710.11	691.87	18.24	38.934	
3,752.23	3,724.76	3,734.13	3,732.97	9.36	8.61	-105.90	-419.15	-588.84	709.92	691.45	18.46	38.449 CC	
3,800.00	3,772.13	3,777.29	3,776.10	9.48	8.69	-106.43	-418.23	-587.22	710.09	691.42	18.67	38.038 ES	
3,900.00	3,871.28	3,874.32	3,873.03	9.74	8.88	-107.65	-416.78	-583.37	711.22	692.11	19.11	37.216	
4,000.00	3,970.44	3,971.26	3,969.90	10.00	9.07	-108.86	-415.36	-579.73	712.78	693.23	19.56	36.448	
4,100.00	4,069.60	4,069.23	4,067.81	10.27	9.27	-110.01	-413.97	-576.82	714.93	694.93	20.01	35.732	
4,200.00	4,168.75	4,168.87	4,167.42	10.54	9.46	-111.12	-412.37	-574.57	717.37	696.91	20.47	35.049	
4,300.00	4,267.91	4,268.91	4,267.42	10.81	9.67	-112.17	-410.44	-573.01	719.94	699.00	20.93	34.394	
4,400.00	4,367.06	4,369.27	4,367.75	11.09	9.87	-113.19	-408.31	-571.68	722.59	701.19	21.40	33.766	
4,500.00	4,466.22	4,468.06	4,466.51	11.37	10.07	-114.17	-406.08	-570.50	725.37	703.50	21.87	33.171	
4,600.00	4,565.37	4,570.56	4,568.97	11.65	10.28	-115.19	-403.70	-569.22	728.30	705.95	22.34	32.594	
4,700.00	4,664.53	4,671.98	4,670.34	11.94	10.49	-116.21	-400.87	-567.52	730.90	708.08	22.82	32.028	
4,800.00	4,763.69	4,772.23	4,770.52	12.23	10.69	-117.24	-397.94	-565.54	733.57	710.27	23.30	31.490	
4,900.00	4,862.84	4,871.69	4,869.91	12.52	10.89	-118.27	-394.96	-563.32	736.36	712.58	23.77	30.978	
5,000.00	4,962.00	4,969.85	4,968.01	12.81	11.10	-119.28	-392.04	-561.10	739.41	715.17	24.24	30.500	
5,100.00	5,061.15	5,066.58	5,064.68	13.11	11.30	-120.26	-389.36	-559.10	742.92	718.20	24.71	30.060	
5,200.00	5,160.31	5,164.43	5,162.49	13.40	11.50	-121.21	-386.93	-557.36	746.94	721.75	25.19	29.654	
5,300.00	5,259.47	5,263.16	5,261.17	13.70	11.70	-122.15	-384.52	-555.79	751.25	725.59	25.67	29.270	
5,400.00	5,358.62	5,364.44	5,362.41	14.00	11.91	-123.11	-382.01	-554.15	755.72	729.57	26.15	28.900	
5,500.00	5,457.78	5,465.21	5,463.12	14.31	12.12	-124.07	-379.15	-552.30	760.03	733.40	26.63	28.539	
5,600.00	5,556.93	5,563.72	5,561.57	14.61	12.33	-124.98	-376.31	-550.60	764.50	737.39	27.11	28.200	
5,700.00	5,656.09	5,660.73	5,658.54	14.92	12.53	-125.84	-373.68	-549.34	769.34	741.76	27.59	27.889	
5,800.00	5,755.24	5,757.71	5,755.48	15.22	12.73	-126.69	-371.37	-548.20	774.68	746.62	28.06	27.606	
5,900.00	5,854.40	5,855.09	5,852.84	15.53	12.94	-127.52	-369.29	-547.05	780.44	751.90	28.54	27.346	
6,000.00	5,953.56	5,952.28	5,950.00	15.84	13.14	-128.35	-367.43	-545.76	786.60	757.58	29.02	27.109	
6,100.00	6,052.71	6,049.33	6,047.03	16.15	13.34	-129.15	-365.83	-544.55	793.19	763.69	29.49	26.895	
6,200.00	6,151.87	6,148.48	6,146.16	16.46	13.55	-129.96	-364.40	-543.38	800.13	770.16	29.97	26.695	
6,300.00	6,251.02	6,250.09	6,247.75	16.78	13.76	-130.76	-362.73	-542.39	807.01	776.55	30.46	26.493	

Offset Design		5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,400.00	6,350.18	6,351.38	6,349.02	17.09	13.98	-131.52	-360.79	-541.70	813.74	782.79	30.95	26.292	
6,500.00	6,449.03	6,450.43	6,448.06	17.41	14.19	-118.21	-358.74	-541.21	820.72	789.28	31.44	26.104	
6,600.00	6,545.03	6,546.03	6,543.63	17.84	14.39	-109.96	-356.87	-540.90	829.87	797.89	31.99	25.944	
6,700.00	6,635.69	6,632.32	6,629.91	18.41	14.57	-107.60	-355.29	-540.79	842.52	809.93	32.59	25.851 SF	
6,800.00	6,718.78	6,704.45	6,702.03	19.14	14.72	-106.72	-354.65	-540.23	861.03	827.79	33.24	25.902	
6,900.00	6,792.26	6,768.66	6,766.24	20.06	14.85	-106.11	-354.70	-539.35	886.96	853.00	33.96	26.118	
7,000.00	6,854.31	6,823.78	6,821.35	21.22	14.97	-105.02	-355.18	-538.39	921.28	886.54	34.74	26.516	
7,100.00	6,903.40	6,868.88	6,866.44	22.66	15.06	-102.91	-355.75	-537.62	964.25	928.67	35.57	27.105	
7,200.00	6,938.33	6,900.59	6,898.14	24.35	15.12	-99.26	-356.25	-537.10	1,015.54	979.15	36.39	27.904	
7,300.00	6,958.23	6,919.04	6,916.58	26.27	15.16	-93.83	-356.58	-536.83	1,074.08	1,036.93	37.15	28.914	
7,400.00	6,962.97	6,922.43	6,919.97	28.34	15.17	-88.17	-356.64	-536.78	1,138.16	1,100.38	37.78	30.126	

Offset Design		5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-8H - SRC Energy Planned Well - Planned Ensign Dir											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,900.00	6,956.10	11,897.00	7,281.92	155.12	159.78	106.06	1,662.49	-5,790.68	1,199.40	895.67	303.73	3.949		
11,903.71	6,956.09	11,897.00	7,281.92	155.23	159.78	106.06	1,662.49	-5,790.68	1,199.39	895.57	303.82	3.948 CC, ES, SF		

Offset Design5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-9H - SRC Energy Planned Well - Planned Ensign Dir												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (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
5,200.00	5,160.31	5,433.53	5,363.27	13.40	23.57	32.23	1,425.95	-963.52	1,181.60	1,152.07	29.52	40.021	
5,300.00	5,259.47	5,528.66	5,456.76	13.70	24.06	32.85	1,412.57	-952.12	1,153.22	1,123.04	30.18	38.217	
5,400.00	5,358.62	5,600.00	5,526.98	14.00	24.37	33.32	1,402.97	-943.93	1,125.77	1,094.99	30.77	36.583	
5,500.00	5,457.78	5,671.88	5,598.01	14.31	24.61	33.78	1,394.62	-936.81	1,100.63	1,069.29	31.34	35.119	
5,600.00	5,556.93	5,743.03	5,668.57	14.61	24.82	34.22	1,387.70	-930.90	1,077.87	1,045.97	31.90	33.793	
5,700.00	5,656.09	5,815.06	5,740.22	14.92	25.02	34.65	1,382.04	-926.08	1,057.51	1,025.07	32.44	32.597	
5,800.00	5,755.24	5,887.91	5,812.84	15.22	25.19	35.06	1,377.72	-922.40	1,039.57	1,006.60	32.97	31.529	
5,900.00	5,854.40	5,961.47	5,886.30	15.53	25.34	35.44	1,374.79	-919.90	1,024.07	990.59	33.48	30.585	
6,000.00	5,953.56	6,035.70	5,960.50	15.84	25.47	35.80	1,373.28	-918.61	1,011.02	977.04	33.98	29.753	
6,100.00	6,052.71	6,121.91	6,046.71	16.15	25.61	36.18	1,373.07	-918.43	1,000.16	965.66	34.50	28.989	
6,200.00	6,151.87	6,221.07	6,145.87	16.46	25.76	36.62	1,373.07	-918.43	989.69	954.63	35.06	28.227	
6,300.00	6,251.02	6,320.22	6,245.02	16.78	25.92	37.08	1,373.07	-918.43	979.28	943.66	35.62	27.489	
6,400.00	6,350.18	6,419.38	6,344.18	17.09	26.08	37.54	1,373.07	-918.43	968.94	932.75	36.19	26.774	
6,500.00	6,449.03	6,518.22	6,443.03	17.41	26.23	37.98	1,373.07	-918.43	958.01	921.22	36.79	26.042	
6,600.00	6,545.03	6,614.23	6,539.03	17.84	26.38	38.42	1,373.07	-918.43	943.63	906.04	37.59	25.100	
6,700.00	6,635.69	6,692.12	6,616.88	18.41	26.49	38.86	1,373.07	-920.26	927.24	888.64	38.59	24.026	
6,800.00	6,718.78	6,765.25	6,689.43	19.14	26.52	39.30	1,372.72	-929.18	911.52	871.75	39.77	22.922	
6,900.00	6,792.26	6,840.33	6,762.57	20.06	26.51	39.74	1,372.17	-945.98	897.59	856.40	41.19	21.790	
7,000.00	6,854.31	6,918.01	6,835.96	21.22	26.45	40.18	1,371.33	-971.31	886.55	843.66	42.89	20.668	
7,100.00	6,903.40	6,999.16	6,909.22	22.66	26.35	40.62	1,370.19	-1,006.09	879.46	834.62	44.84	19.614	
7,190.64	6,935.68	7,076.72	6,975.14	24.19	26.23	41.06	1,368.84	-1,046.87	877.24	830.49	46.75	18.764	
7,200.00	6,938.33	7,085.00	6,981.91	24.35	26.21	41.50	1,368.69	-1,051.64	877.27	830.33	46.94	18.689	
7,300.00	6,958.23	7,177.37	7,053.42	26.27	26.05	41.94	1,366.77	-1,109.97	880.71	831.64	49.07	17.949	
7,400.00	6,962.97	7,279.37	7,122.94	28.34	25.87	42.38	1,364.31	-1,184.44	890.07	839.00	51.07	17.428	
7,500.00	6,962.81	7,404.48	7,192.68	30.55	25.69	42.82	1,360.90	-1,288.07	901.73	848.69	53.04	17.002	
7,600.00	6,962.66	7,559.20	7,252.35	32.87	25.63	43.26	1,356.21	-1,430.42	910.75	855.11	55.64	16.368	
7,700.00	6,962.51	7,736.38	7,281.39	35.30	26.93	43.70	1,350.47	-1,604.65	913.18	853.55	59.63	15.313	
7,800.00	6,962.35	7,849.77	7,282.00	37.80	29.13	44.14	1,346.74	-1,717.96	910.00	845.99	64.01	14.216	
7,900.00	6,962.20	7,949.70	7,282.00	40.36	31.43	44.58	1,343.45	-1,817.85	906.70	838.19	68.51	13.235	
8,000.00	6,962.05	8,049.64	7,282.00	42.98	33.94	45.02	1,340.16	-1,917.73	903.40	830.18	73.22	12.338	
8,100.00	6,961.90	8,149.57	7,282.00	45.64	36.60	45.46	1,336.87	-2,017.61	900.10	821.99	78.11	11.523	
8,200.00	6,961.74	8,249.51	7,282.00	48.33	39.39	45.90	1,333.58	-2,117.49	896.81	813.66	83.15	10.785	
8,300.00	6,961.59	8,349.44	7,282.00	51.05	42.26	46.34	1,330.29	-2,217.37	893.51	805.21	88.30	10.119	
8,400.00	6,961.44	8,449.38	7,282.00	53.80	45.21	46.78	1,327.00	-2,317.25	890.22	796.68	93.54	9.517	
8,500.00	6,961.29	8,549.31	7,282.00	56.58	48.22	47.22	1,323.71	-2,417.13	886.94	788.07	98.86	8.971	
8,600.00	6,961.13	8,649.25	7,282.00	59.37	51.28	47.66	1,320.42	-2,517.01	883.65	779.41	104.25	8.477	
8,700.00	6,960.98	8,749.18	7,282.00	62.17	54.38	48.10	1,317.13	-2,616.89	880.37	770.69	109.68	8.027	
8,800.00	6,960.83	8,849.12	7,282.00	64.99	57.52	48.54	1,313.84	-2,716.78	877.09	761.93	115.15	7.617	
8,900.00	6,960.68	8,949.05	7,282.00	67.83	60.69	48.98	1,310.55	-2,816.66	873.81	753.15	120.66	7.242	
9,000.00	6,960.52	9,048.99	7,282.00	70.67	63.89	49.42	1,307.26	-2,916.54	870.54	744.33	126.20	6.898	
9,100.00	6,960.37	9,148.92	7,282.00	73.52	67.10	49.86	1,303.97	-3,016.42	867.26	735.50	131.76	6.582	
9,200.00	6,960.22	9,248.86	7,282.00	76.39	70.34	50.30	1,300.68	-3,116.30	863.99	726.65	137.34	6.291	
9,300.00	6,960.06	9,348.80	7,282.00	79.26	73.60	50.74	1,297.39	-3,216.18	860.73	717.79	142.94	6.022	
9,400.00	6,959.91	9,448.73	7,282.00	82.13	76.86	51.18	1,294.10	-3,316.06	857.46	708.91	148.55	5.772	
9,500.00	6,959.76	9,548.67	7,282.00	85.01	80.15	51.62	1,290.81	-3,415.94	854.20	700.03	154.17	5.541	
9,600.00	6,959.61	9,648.60	7,282.00	87.90	83.44	52.06	1,287.52	-3,515.82	850.94	691.15	159.79	5.325	
9,700.00	6,959.45	9,748.54	7,282.00	90.79	86.74	52.50	1,284.23	-3,615.70	847.68	682.26	165.42	5.124	
9,800.00	6,959.30	9,848.47	7,282.00	93.69	90.06	52.94	1,280.94	-3,715.59	844.43	673.37	171.06	4.936	
9,900.00	6,959.15	9,948.41	7,282.00	96.59	93.38	53.38	1,277.65	-3,815.47	841.18	664.48	176.70	4.761	
10,000.00	6,959.00	10,048.34	7,282.00	99.50	96.71	53.82	1,274.36	-3,915.35	837.93	655.59	182.34	4.596	
10,100.00	6,958.84	10,148.28	7,282.00	102.41	100.04	54.26	1,271.07	-4,015.23	834.68	646.71	187.98	4.440	
10,200.00	6,958.69	10,248.21	7,282.00	105.32	103.38	54.70	1,267.78	-4,115.11	831.44	637.83	193.61	4.294	
10,300.00	6,958.54	10,348.15	7,282.00	108.23	106.73	55.14	1,264.49	-4,214.99	828.20	628.95	199.25	4.157	
10,400.00	6,958.39	10,448.08	7,282.00	111.15	110.08	55.58	1,261.20	-4,314.87	824.97	620.09	204.88	4.027	
10,500.00	6,958.23	10,548.02	7,282.00	114.07	113.44	56.02	1,257.91	-4,414.75	821.73	611.22	210.51	3.904	
10,600.00	6,958.08	10,647.95	7,282.00	116.99	116.80	56.46	1,254.62	-4,514.63	818.50	602.37	216.13	3.787	
10,700.00	6,957.93	10,747.89	7,282.00	119.91	120.16	56.90	1,251.33	-4,614.52	815.27	593.53	221.75	3.677	
10,800.00	6,957.77	10,847.82	7,282.00	122.84	123.53	57.34	1,248.04	-4,714.40	812.05	584.69	227.36	3.572	
10,900.00	6,957.62	10,947.76	7,282.00	125.77	126.90	57.78	1,244.75	-4,814.28	808.83	575.86	232.97	3.472	
11,000.00	6,957.47	11,047.69	7,282.00	128.70	130.27	58.22	1,241.46	-4,914.16	805.61	567.05	238.56	3.377	
11,100.00	6,957.32	11,147.63	7,282.00	131.63	133.65	58.66	1,238.17	-5,014.04	802.40	558.24	244.15	3.286	
11,200.00	6,957.16	11,247.56	7,282.00	134.56	137.03	59.10	1,234.88	-5,113.92	799.19	549.45	249.74	3.200	
11,300.00	6,957.01	11,347.50	7,282.00	137.49	140.41	59.54	1,231.59	-5,213.80	795.98	540.67	255.31	3.118	
11,400.00	6,956.86	11,447.43	7,282.00	140.43	143.79	59.98	1,228.30	-5,313.68	792.77	531.90	260.87	3.039	
11,500.00	6,956.71	11,547.37	7,282.00	143.36	147.18	60.42	1,225.01	-5,413.56	789.57	523.15	266.43	2.964	
11,600.00	6,956.55	11,647.31	7,282.00	146.30	150.57	60.86	1,221.72	-5,513.44	786.37	514.40	271.97	2.891	

Offset Design		5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-9H - SRC Energy Planned Well - Planned Ensign Dir											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,700.00	6,956.40	11,747.24	7,282.00	149.24	153.96	115.07	1,218.43	-5,613.33	783.18	505.68	277.50	2.822	CC, ES, SF	
11,800.00	6,956.25	11,847.18	7,282.00	152.18	157.35	115.19	1,215.14	-5,713.21	779.99	496.96	283.02	2.756		
11,900.00	6,956.10	11,947.11	7,282.00	155.12	160.74	115.31	1,211.85	-5,813.09	776.80	488.27	288.54	2.692		
11,940.92	6,956.03	11,963.30	7,282.00	156.32	161.29	115.33	1,211.31	-5,829.27	775.89	485.91	289.98	2.676		
12,000.00	6,955.94	11,963.30	7,282.00	158.06	161.29	115.33	1,211.31	-5,829.27	778.14	488.00	290.14	2.682		
12,100.00	6,955.79	11,963.30	7,282.00	161.00	161.29	115.33	1,211.31	-5,829.27	792.03	505.22	286.81	2.761		
12,200.00	6,955.64	11,963.30	7,282.00	163.95	161.29	115.33	1,211.31	-5,829.27	818.00	538.47	279.54	2.926		
12,300.00	6,955.48	11,963.30	7,282.00	166.89	161.29	115.33	1,211.31	-5,829.27	854.95	585.62	269.33	3.174		
12,400.00	6,955.33	11,963.30	7,282.00	169.83	161.29	115.33	1,211.31	-5,829.27	901.53	644.23	257.30	3.504		
12,500.00	6,955.18	11,963.30	7,282.00	172.78	161.29	115.33	1,211.31	-5,829.27	956.33	711.89	244.44	3.912		
12,600.00	6,955.03	11,963.30	7,282.00	175.72	161.29	115.33	1,211.31	-5,829.27	1,018.03	786.53	231.50	4.398		
12,700.00	6,954.87	11,963.30	7,282.00	178.67	161.29	115.33	1,211.31	-5,829.27	1,085.45	866.48	218.97	4.957		
12,800.00	6,954.72	11,963.30	7,282.00	181.62	161.29	115.33	1,211.31	-5,829.27	1,157.59	950.45	207.15	5.588		

Offset Design		5N-67W-11 Offsets Need Directional Surveys - ARTIST 11-12 - SRC Energy SI Well - No Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		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	Offset		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
13,100.00	6,954.26	7,018.26	7,018.26	190.46	246.92	90.38	765.98	-8,063.57	1,102.89	810.48	292.41	3.772	
13,200.00	6,954.11	7,018.11	7,018.11	193.41	246.92	90.34	765.98	-8,063.57	1,005.73	708.96	296.76	3.389	
13,300.00	6,953.96	7,017.96	7,017.96	196.36	246.91	90.31	765.98	-8,063.57	909.18	607.06	302.13	3.009	
13,400.00	6,953.81	7,017.81	7,017.81	199.31	246.91	90.27	765.98	-8,063.57	813.47	504.64	308.84	2.634	
13,500.00	6,953.65	7,017.65	7,017.65	202.26	246.90	90.24	765.98	-8,063.57	718.93	401.56	317.37	2.265	
13,600.00	6,953.50	7,017.50	7,017.50	205.21	246.90	90.20	765.98	-8,063.57	626.09	297.64	328.45	1.906	
13,700.00	6,953.35	7,017.35	7,017.35	208.16	246.89	90.17	765.98	-8,063.57	535.83	192.71	343.12	1.562	
13,800.00	6,953.19	7,017.19	7,017.19	211.11	246.89	90.13	765.98	-8,063.57	449.71	86.80	362.92	1.239	Level 2
13,900.00	6,953.04	7,017.04	7,017.04	214.06	246.88	90.10	765.98	-8,063.57	370.63	-19.00	389.63	0.951	Level 1
14,000.00	6,952.89	7,016.89	7,016.89	217.02	246.88	90.06	765.98	-8,063.57	304.13	-119.48	423.61	0.718	Level 1
14,100.00	6,952.74	7,016.74	7,016.74	219.97	246.87	90.03	765.98	-8,063.57	260.04	-197.21	457.25	0.569	Level 1
14,174.37	6,952.62	7,016.62	7,016.62	222.17	246.87	90.00	765.98	-8,063.57	249.17	-220.41	469.58	0.531	Level 1, CC, ES, SF
14,200.00	6,952.58	7,016.58	7,016.58	222.92	246.86	89.99	765.98	-8,063.57	250.49	-219.07	469.56	0.533	Level 1
14,300.00	6,952.43	7,016.43	7,016.43	225.87	246.86	89.96	765.98	-8,063.57	279.05	-172.00	451.06	0.619	Level 1
14,400.00	6,952.28	7,016.28	7,016.28	228.83	246.85	89.92	765.98	-8,063.57	336.15	-84.12	420.27	0.800	Level 1
14,500.00	6,952.13	7,016.13	7,016.13	231.78	246.85	89.89	765.98	-8,063.57	410.02	17.57	392.46	1.045	Level 2
14,600.00	6,951.97	7,015.97	7,015.97	234.74	246.84	89.85	765.98	-8,063.57	493.20	122.25	370.95	1.330	Level 3
14,700.00	6,951.82	7,015.82	7,015.82	237.69	246.84	89.82	765.98	-8,063.57	581.70	226.89	354.81	1.639	
14,800.00	6,951.67	7,015.67	7,015.67	240.64	246.83	89.78	765.98	-8,063.57	673.42	330.83	342.59	1.966	
14,900.00	6,951.52	7,015.52	7,015.52	243.60	246.83	89.75	765.98	-8,063.57	767.22	434.04	333.18	2.303	
15,000.00	6,951.36	7,015.36	7,015.36	246.55	246.82	89.71	765.98	-8,063.57	862.41	536.64	325.77	2.647	
15,100.00	6,951.21	7,015.21	7,015.21	249.51	246.82	89.68	765.98	-8,063.57	958.58	638.74	319.84	2.997	
15,200.00	6,951.06	7,015.06	7,015.06	252.46	246.81	89.64	765.98	-8,063.57	1,055.46	740.45	315.01	3.351	
15,300.00	6,950.90	7,014.90	7,014.90	255.42	246.81	89.60	765.98	-8,063.57	1,152.88	841.85	311.02	3.707	



Offset Design		5N-67W-11 Offsets Need Directional Surveys - SKYWAY 18-11 - Noble Energy PR Well - Actual Strata											Offset Site Error:	0.00 usft
Survey Program:		179-SRC Energy_ISCWSA REV 2 MWD, 7897-SRC Energy_2° CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,300.00	6,950.90	7,105.06	6,965.79	255.42	29.80	-88.28	-59.26	-10,229.50	1,190.31	1,030.09	160.21	7.429		
15,400.00	6,950.75	7,104.80	6,965.53	258.38	29.80	-88.25	-59.25	-10,229.50	1,104.20	932.87	171.33	6.445		
15,500.00	6,950.60	7,104.53	6,965.27	261.33	29.80	-88.23	-59.24	-10,229.50	1,020.64	836.70	183.94	5.549		
15,600.00	6,950.45	7,104.27	6,965.01	264.29	29.80	-88.20	-59.23	-10,229.50	940.29	742.08	198.20	4.744		
15,700.00	6,950.29	7,104.01	6,964.74	267.24	29.80	-88.17	-59.22	-10,229.50	864.05	649.82	214.23	4.033		
15,800.00	6,950.14	7,103.74	6,964.48	270.20	29.80	-88.15	-59.21	-10,229.50	793.10	561.17	231.94	3.419		
15,900.00	6,949.99	7,103.47	6,964.21	273.16	29.80	-88.12	-59.20	-10,229.50	729.00	478.07	250.94	2.905		
16,000.00	6,949.84	7,103.21	6,963.95	276.11	29.80	-88.10	-59.19	-10,229.50	673.71	403.43	270.28	2.493		
16,100.00	6,949.68	7,102.94	6,963.68	279.07	29.80	-88.07	-59.18	-10,229.50	629.54	341.29	288.24	2.184		
16,200.00	6,949.53	7,102.67	6,963.41	282.03	29.80	-88.04	-59.17	-10,229.50	598.96	296.59	302.37	1.981		
16,300.00	6,949.38	7,102.40	6,963.14	284.98	29.79	-88.02	-59.17	-10,229.50	584.12	274.07	310.05	1.884		
16,337.82	6,949.32	7,102.30	6,963.03	286.10	29.79	-88.01	-59.16	-10,229.50	582.89	272.01	310.88	1.875	CC, ES, SF	
16,400.00	6,949.23	7,102.13	6,962.87	287.94	29.79	-87.99	-59.16	-10,229.50	586.20	276.51	309.69	1.893		
16,500.00	6,949.07	7,101.85	6,962.59	290.90	29.79	-87.96	-59.15	-10,229.50	605.03	303.41	301.62	2.006		
16,600.00	6,948.92	7,101.58	6,962.32	293.86	29.79	-87.94	-59.14	-10,229.50	639.14	351.24	287.90	2.220		
16,700.00	6,948.77	7,101.30	6,962.04	296.81	29.79	-87.91	-59.13	-10,229.50	686.24	415.09	271.16	2.531		
16,800.00	6,948.62	7,101.03	6,961.77	299.77	29.79	-87.88	-59.12	-10,229.50	743.89	490.28	253.61	2.933		
16,900.00	6,948.46	7,100.75	6,961.49	302.73	29.79	-87.85	-59.11	-10,229.50	809.82	573.17	236.64	3.422		
17,000.00	6,948.31	7,100.47	6,961.21	305.69	29.79	-87.83	-59.10	-10,229.50	882.18	661.19	220.99	3.992		
17,100.00	6,948.16	7,100.19	6,960.93	308.65	29.79	-87.80	-59.09	-10,229.50	959.52	752.62	206.89	4.638		
17,200.00	6,948.00	7,099.91	6,960.65	311.61	29.79	-87.77	-59.08	-10,229.50	1,040.72	846.35	194.37	5.354		
17,202.77	6,948.00	7,099.90	6,960.64	311.69	29.79	-87.77	-59.08	-10,229.50	1,043.02	848.97	194.05	5.375		

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		Highside Toolface (°)	Distance		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)					
14,600.00	6,951.97	7,203.49	7,003.05	234.74	37.00	102.60	605.32	-9,590.38	1,104.02	1,054.21	49.81	22.166	
14,700.00	6,951.82	7,201.88	7,001.43	237.69	37.00	101.55	605.34	-9,590.41	1,004.35	953.38	50.97	19.707	
14,800.00	6,951.67	7,200.26	6,999.81	240.64	37.00	100.48	605.35	-9,590.43	904.75	852.27	52.48	17.240	
14,900.00	6,951.52	7,198.63	6,998.18	243.60	37.00	99.40	605.36	-9,590.46	805.25	750.74	54.51	14.772	
15,000.00	6,951.36	7,196.99	6,996.55	246.55	36.99	98.31	605.37	-9,590.48	705.89	648.58	57.31	12.317	
15,100.00	6,951.21	7,195.35	6,994.90	249.51	36.99	97.20	605.38	-9,590.51	606.73	545.43	61.30	9.898	
15,200.00	6,951.06	7,193.69	6,993.25	252.46	36.99	96.09	605.39	-9,590.53	507.90	440.66	67.24	7.554	
15,300.00	6,950.90	7,192.03	6,991.59	255.42	36.99	94.97	605.40	-9,590.56	409.62	333.04	76.58	5.349	
15,400.00	6,950.75	7,190.37	6,989.92	258.38	36.98	93.83	605.41	-9,590.58	312.43	219.89	92.54	3.376	
15,500.00	6,950.60	7,188.69	6,988.25	261.33	36.98	92.69	605.42	-9,590.61	217.80	94.34	123.46	1.764	
15,600.00	6,950.45	7,187.01	6,986.56	264.29	36.98	91.55	605.44	-9,590.63	131.34	-63.26	194.60	0.675	Level 1
15,700.00	6,950.29	7,185.31	6,984.87	267.24	36.98	90.39	605.45	-9,590.66	84.02	-220.42	304.43	0.276	Level 1
15,700.97	6,950.29	7,185.30	6,984.85	267.27	36.98	90.38	605.45	-9,590.66	84.01	-220.55	304.56	0.276	Level 1, CC, ES, SF
15,800.00	6,950.14	7,183.61	6,983.17	270.20	36.98	89.23	605.46	-9,590.69	129.85	-80.49	210.35	0.617	Level 1
15,900.00	6,949.99	7,181.90	6,981.46	273.16	36.97	88.07	605.47	-9,590.71	216.01	76.81	139.20	1.552	
16,000.00	6,949.84	7,180.19	6,979.74	276.11	36.97	86.90	605.48	-9,590.74	310.57	203.24	107.33	2.894	
16,100.00	6,949.68	7,178.46	6,978.02	279.07	36.97	85.73	605.49	-9,590.77	407.72	317.18	90.54	4.503	
16,200.00	6,949.53	7,176.73	6,976.28	282.03	36.97	84.56	605.50	-9,590.79	505.98	425.46	80.52	6.284	
16,300.00	6,949.38	7,174.98	6,974.54	284.98	36.96	83.38	605.52	-9,590.82	604.81	530.80	74.01	8.172	
16,400.00	6,949.23	7,173.23	6,972.79	287.94	36.96	82.21	605.53	-9,590.85	703.96	634.44	69.52	10.126	
16,500.00	6,949.07	7,171.47	6,971.03	290.90	36.96	81.04	605.54	-9,590.88	803.32	737.02	66.30	12.117	
16,600.00	6,948.92	7,169.70	6,969.26	293.86	36.96	79.87	605.55	-9,590.90	902.82	838.92	63.90	14.129	
16,700.00	6,948.77	7,167.93	6,967.49	296.81	36.95	78.70	605.56	-9,590.93	1,002.41	940.33	62.08	16.148	
16,800.00	6,948.62	7,166.14	6,965.70	299.77	36.95	77.54	605.57	-9,590.96	1,102.07	1,041.41	60.66	18.167	

Offset Design		5N-67W-11 Offsets Need Directional Surveys - SKYWAY 4-11 - Noble Energy PR Well - No Surveys										Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,900.00	6,949.99	6,971.99	6,971.99	273.16	245.28	90.37	801.33	-10,953.36	1,196.47	886.22	310.26	3.856		
16,000.00	6,949.84	6,971.84	6,971.84	276.11	245.28	90.34	801.33	-10,953.36	1,099.41	783.29	316.12	3.478		
16,100.00	6,949.68	6,971.68	6,971.68	279.07	245.27	90.31	801.33	-10,953.36	1,002.92	679.76	323.16	3.103		
16,200.00	6,949.53	6,971.53	6,971.53	282.03	245.27	90.27	801.33	-10,953.36	907.19	575.47	331.72	2.735		
16,300.00	6,949.38	6,971.38	6,971.38	284.98	245.26	90.24	801.33	-10,953.36	812.49	470.20	342.29	2.374		
16,400.00	6,949.23	6,971.23	6,971.23	287.94	245.26	90.21	801.33	-10,953.36	719.23	363.68	355.55	2.023		
16,500.00	6,949.07	6,971.07	6,971.07	290.90	245.25	90.18	801.33	-10,953.36	628.04	255.56	372.48	1.686		
16,600.00	6,948.92	6,970.92	6,970.92	293.86	245.25	90.15	801.33	-10,953.36	539.98	145.51	394.48	1.369	Level 3	
16,700.00	6,948.77	6,970.77	6,970.77	296.81	245.24	90.12	801.33	-10,953.36	456.87	33.57	423.30	1.079	Level 2	
16,800.00	6,948.62	6,970.62	6,970.62	299.77	245.24	90.08	801.33	-10,953.36	381.94	-78.55	460.48	0.829	Level 1	
16,900.00	6,948.46	6,970.46	6,970.46	302.73	245.23	90.05	801.33	-10,953.36	320.97	-183.38	504.35	0.636	Level 1	
17,000.00	6,948.31	6,970.31	6,970.31	305.69	245.23	90.02	801.33	-10,953.36	283.15	-259.58	542.72	0.522	Level 1	
17,064.26	6,948.21	6,970.21	6,970.21	307.59	245.22	90.00	801.33	-10,953.36	275.76	-277.62	553.37	0.498	Level 1, CC, ES, SF	
17,100.00	6,948.16	6,970.16	6,970.16	308.65	245.22	89.99	801.33	-10,953.36	278.06	-274.30	552.36	0.503	Level 1	
17,200.00	6,948.00	6,970.00	6,970.00	311.61	245.21	89.96	801.33	-10,953.36	307.35	-219.89	527.25	0.583	Level 1	
17,202.77	6,948.00	6,970.00	6,970.00	311.69	245.21	89.96	801.33	-10,953.36	308.58	-217.66	526.24	0.586	Level 1	

Offset Design		5N-67W-11 Offsets Need Directional Surveys - Skyway Federal 31-11 - Noble Energy PR Well - Actual S										Offset Site Error:	0.00 usft
Survey Program:		185-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,500.00	6,949.07	7,079.81	6,977.77	290.90	26.10	-89.50	110.38	-11,475.67	1,161.81	1,028.94	132.87	8.744	
16,600.00	6,948.92	7,079.45	6,977.41	293.86	26.10	-89.45	110.39	-11,475.67	1,069.07	926.54	142.53	7.501	
16,700.00	6,948.77	7,079.10	6,977.05	296.81	26.10	-89.40	110.39	-11,475.67	977.76	823.87	153.89	6.354	
16,800.00	6,948.62	7,078.75	6,976.70	299.77	26.10	-89.35	110.40	-11,475.67	888.32	720.97	167.35	5.308	
16,900.00	6,948.46	7,078.40	6,976.35	302.73	26.10	-89.30	110.40	-11,475.67	801.39	617.98	183.41	4.369	
17,000.00	6,948.31	7,078.05	6,976.01	305.69	26.10	-89.26	110.41	-11,475.67	717.86	515.24	202.62	3.543	
17,100.00	6,948.16	7,077.70	6,975.66	308.65	26.10	-89.21	110.42	-11,475.67	639.08	413.55	225.53	2.834	
17,200.00	6,948.00	7,077.36	6,975.32	311.61	26.10	-89.16	110.42	-11,475.67	567.04	314.69	252.35	2.247	
17,202.77	6,948.00	7,077.35	6,975.31	311.69	26.10	-89.16	110.42	-11,475.67	565.17	312.02	253.14	2.233	CC, ES, SF

Offset Design		5N-67W-11 Offsets Need Directional Surveys - SWAFFORD 11-11 - SRC Energy PR Well - No Surveys										Offset Site Error: 0.00 usft	
Survey Program: 100-SRC Energy_2° CONE_2.448												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,300.00	6,955.48	7,002.48	7,002.48	166.89	246.36	90.25	903.08	-7,291.17	1,168.88	866.26	302.62	3.862	
12,400.00	6,955.33	7,002.33	7,002.33	169.83	246.36	90.23	903.08	-7,291.17	1,075.08	766.92	308.16	3.489	
12,500.00	6,955.18	7,002.18	7,002.18	172.78	246.35	90.20	903.08	-7,291.17	982.51	667.75	314.76	3.121	
12,600.00	6,955.03	7,002.03	7,002.03	175.72	246.35	90.18	903.08	-7,291.17	891.54	568.87	322.68	2.763	
12,700.00	6,954.87	7,001.87	7,001.87	178.67	246.34	90.16	903.08	-7,291.17	802.73	470.46	332.27	2.416	
12,800.00	6,954.72	7,001.72	7,001.72	181.62	246.34	90.14	903.08	-7,291.17	716.87	372.90	343.96	2.084	
12,900.00	6,954.57	7,001.57	7,001.57	184.56	246.33	90.11	903.08	-7,291.17	635.15	276.93	358.22	1.773	
13,000.00	6,954.42	7,001.42	7,001.42	187.51	246.33	90.09	903.08	-7,291.17	559.41	183.97	375.44	1.490	Level 3
13,100.00	6,954.26	7,001.26	7,001.26	190.46	246.32	90.07	903.08	-7,291.17	492.41	96.88	395.52	1.245	Level 2
13,200.00	6,954.11	7,001.11	7,001.11	193.41	246.32	90.05	903.08	-7,291.17	438.16	21.16	417.00	1.051	Level 2
13,300.00	6,953.96	7,000.96	7,000.96	196.36	246.31	90.02	903.08	-7,291.17	401.88	-34.00	435.88	0.922	Level 1
13,400.00	6,953.81	7,000.81	7,000.81	199.31	246.31	90.00	903.08	-7,291.17	388.62	-57.51	446.14	0.871	Level 1
13,402.39	6,953.80	7,000.80	7,000.80	199.38	246.31	90.00	903.08	-7,291.17	388.62	-57.62	446.23	0.871	Level 1, CC, ES, SF
13,500.00	6,953.65	7,000.65	7,000.65	202.26	246.30	89.98	903.08	-7,291.17	400.69	-43.31	444.00	0.902	Level 1
13,600.00	6,953.50	7,000.50	7,000.50	205.21	246.29	89.96	903.08	-7,291.17	435.97	4.23	431.74	1.010	Level 2
13,700.00	6,953.35	7,000.35	7,000.35	208.16	246.29	89.93	903.08	-7,291.17	489.48	74.53	414.95	1.180	Level 2
13,800.00	6,953.19	7,000.19	7,000.19	211.11	246.28	89.91	903.08	-7,291.17	555.98	158.02	397.96	1.397	Level 3
13,900.00	6,953.04	7,000.04	7,000.04	214.06	246.28	89.89	903.08	-7,291.17	631.38	248.62	382.76	1.650	
14,000.00	6,952.89	7,000.11	6,999.89	217.02	246.28	89.87	903.08	-7,291.17	712.85	343.03	369.82	1.928	
14,100.00	6,952.74	7,000.26	6,999.74	219.97	246.29	89.84	903.08	-7,291.17	798.55	439.53	359.02	2.224	
14,200.00	6,952.58	7,000.42	6,999.58	222.92	246.29	89.82	903.08	-7,291.17	887.24	537.22	350.02	2.535	
14,300.00	6,952.43	7,000.57	6,999.43	225.87	246.30	89.80	903.08	-7,291.17	978.12	635.62	342.50	2.856	
14,400.00	6,952.28	7,000.72	6,999.28	228.83	246.30	89.78	903.08	-7,291.17	1,070.63	734.46	336.17	3.185	
14,500.00	6,952.13	7,000.87	6,999.13	231.78	246.31	89.75	903.08	-7,291.17	1,164.37	833.57	330.80	3.520	

Offset Design		5N-67W-12 Offsets - BORESEN 1 - Noble Energy PR Well - No Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,700.00	6,962.51	6,948.51	6,948.51	35.30	244.45	-90.01	-687.73	-1,721.63	1,192.18	911.86	280.32	4.253	
7,800.00	6,962.35	6,948.35	6,948.35	37.80	244.45	-90.00	-687.73	-1,721.63	1,185.62	902.94	282.68	4.194	
7,828.04	6,962.31	6,948.31	6,948.31	38.52	244.45	-90.00	-687.73	-1,721.63	1,185.28	901.96	283.32	4.184	CC, ES
7,900.00	6,962.20	6,948.20	6,948.20	40.36	244.44	-89.99	-687.73	-1,721.63	1,187.47	902.58	284.89	4.168	SF
8,000.00	6,962.05	6,948.05	6,948.05	42.98	244.44	-89.99	-687.73	-1,721.63	1,197.69	910.79	286.90	4.175	

Offset Design		5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys										Offset Site Error: 0.00 usft	
Survey Program: 214-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,800.00	5,755.24	5,893.06	5,728.80	15.22	30.26	-25.15	618.40	-1,745.91	1,198.86	1,154.81	44.04	27.219	
5,900.00	5,854.40	5,994.54	5,829.71	15.53	30.59	-24.92	629.08	-1,746.30	1,189.39	1,144.77	44.62	26.658	
6,000.00	5,953.56	6,093.25	5,928.06	15.84	30.87	-24.78	637.47	-1,747.00	1,179.87	1,134.71	45.15	26.130	
6,100.00	6,052.71	6,201.36	6,035.92	16.15	31.15	-24.72	644.93	-1,747.93	1,170.23	1,124.53	45.70	25.609	
6,200.00	6,151.87	6,313.64	6,147.99	16.46	31.41	-24.70	651.48	-1,747.79	1,159.39	1,113.17	46.22	25.084	
6,300.00	6,251.02	6,417.42	6,251.70	16.78	31.62	-24.78	655.46	-1,747.24	1,147.79	1,101.08	46.71	24.572	
6,400.00	6,350.18	6,511.55	6,345.80	17.09	31.78	-24.94	657.50	-1,747.18	1,136.35	1,089.18	47.17	24.090	
6,500.00	6,449.03	6,615.22	6,449.47	17.41	31.94	-11.18	658.60	-1,747.38	1,122.71	1,075.08	47.63	23.573	
6,600.00	6,545.03	6,715.24	6,549.49	17.84	32.08	-1.65	659.10	-1,747.23	1,095.13	1,047.04	48.10	22.770	
6,700.00	6,635.69	6,808.96	6,643.21	18.41	32.21	2.83	659.33	-1,746.83	1,052.85	1,004.30	48.56	21.683	
6,800.00	6,718.78	6,894.57	6,728.81	19.14	32.33	6.26	659.18	-1,746.28	996.97	947.99	48.99	20.352	
6,900.00	6,792.26	6,969.21	6,803.46	20.06	32.42	10.02	658.81	-1,745.67	928.99	879.63	49.36	18.820	
7,000.00	6,854.31	7,031.81	6,866.04	21.22	32.50	15.33	658.42	-1,745.06	850.74	801.08	49.66	17.132	
7,100.00	6,903.40	7,080.44	6,914.68	22.66	32.56	24.18	658.08	-1,744.55	764.36	714.51	49.86	15.331	
7,200.00	6,938.33	7,114.65	6,948.88	24.35	32.61	40.64	657.84	-1,744.17	672.25	622.30	49.95	13.459	
7,300.00	6,958.23	7,133.58	6,967.81	26.27	32.63	68.78	657.70	-1,743.96	577.06	527.12	49.94	11.556	
7,400.00	6,962.97	7,137.18	6,971.41	28.34	32.63	92.55	657.67	-1,743.91	481.81	431.92	49.90	9.656	
7,500.00	6,962.81	7,135.87	6,970.09	30.55	32.63	92.08	657.68	-1,743.93	388.93	338.83	50.09	7.764	
7,600.00	6,962.66	7,134.55	6,968.78	32.87	32.63	91.61	657.69	-1,743.94	300.63	249.65	50.98	5.897	
7,700.00	6,962.51	7,133.24	6,967.46	35.30	32.63	91.14	657.70	-1,743.96	222.46	169.07	53.39	4.166	
7,800.00	6,962.35	7,131.93	6,966.16	37.80	32.63	90.67	657.71	-1,743.98	169.11	111.47	57.64	2.934	
7,854.48	6,962.27	7,131.21	6,965.44	39.19	32.63	90.42	657.72	-1,743.98	160.10	99.69	60.41	2.650	CC, ES, SF
7,900.00	6,962.20	7,130.62	6,964.85	40.36	32.63	90.21	657.72	-1,743.99	166.44	103.83	62.61	2.658	
8,000.00	6,962.05	7,129.32	6,963.55	42.98	32.62	89.74	657.73	-1,744.01	216.34	152.47	63.87	3.387	
8,100.00	6,961.90	7,128.02	6,962.25	45.64	32.62	89.28	657.74	-1,744.02	293.09	230.94	62.15	4.716	
8,200.00	6,961.74	7,126.72	6,960.95	48.33	32.62	88.81	657.75	-1,744.03	380.78	320.41	60.37	6.307	
8,300.00	6,961.59	7,125.43	6,959.66	51.05	32.62	88.35	657.76	-1,744.05	473.38	414.34	59.04	8.017	
8,400.00	6,961.44	7,124.14	6,958.37	53.80	32.62	87.89	657.77	-1,744.06	568.48	510.40	58.09	9.786	
8,500.00	6,961.29	7,122.85	6,957.08	56.58	32.62	87.43	657.78	-1,744.08	665.03	607.63	57.39	11.587	
8,600.00	6,961.13	7,121.57	6,955.80	59.37	32.61	86.97	657.79	-1,744.09	762.46	705.58	56.88	13.405	
8,700.00	6,960.98	7,120.29	6,954.52	62.17	32.61	86.52	657.80	-1,744.11	860.48	803.99	56.49	15.233	
8,800.00	6,960.83	7,119.01	6,953.24	64.99	32.61	86.06	657.81	-1,744.12	958.90	902.72	56.19	17.067	
8,900.00	6,960.68	7,117.74	6,951.97	67.83	32.61	85.61	657.82	-1,744.14	1,057.62	1,001.67	55.95	18.903	
9,000.00	6,960.52	7,116.47	6,950.70	70.67	32.61	85.16	657.83	-1,744.15	1,156.56	1,100.80	55.76	20.740	

Offset Design		5N-67W-12 Offsets - DETIENNE 17-12 - Noble Energy PR Well - Actual Strata Surveys											Offset Site Error:		0.00 usft	
Survey Program:		96-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
7,500.00	6,962.81	7,057.58	6,954.94	30.55	27.85	-89.00	24.74	-2,440.96	1,152.06	1,102.10	49.96	23.060				
7,600.00	6,962.66	7,057.59	6,954.94	32.87	27.85	-89.00	24.74	-2,440.96	1,061.76	1,010.28	51.48	20.624				
7,700.00	6,962.51	7,057.59	6,954.94	35.30	27.85	-89.00	24.74	-2,440.96	973.36	919.99	53.37	18.239				
7,800.00	6,962.35	7,057.59	6,954.94	37.80	27.85	-89.00	24.74	-2,440.96	887.42	831.72	55.70	15.933				
7,900.00	6,962.20	7,057.59	6,954.94	40.36	27.85	-89.00	24.74	-2,440.96	804.74	746.18	58.55	13.744				
8,000.00	6,962.05	7,057.59	6,954.94	42.98	27.85	-89.00	24.74	-2,440.96	726.43	664.41	62.02	11.713				
8,100.00	6,961.90	7,057.59	6,954.94	45.64	27.85	-89.00	24.74	-2,440.96	654.05	587.94	66.11	9.893				
8,200.00	6,961.74	7,057.60	6,954.95	48.33	27.85	-89.00	24.74	-2,440.96	589.81	519.08	70.73	8.339				
8,300.00	6,961.59	7,057.60	6,954.95	51.05	27.85	-89.00	24.74	-2,440.96	536.62	461.12	75.50	7.107				
8,400.00	6,961.44	7,057.60	6,954.95	53.80	27.85	-89.00	24.74	-2,440.96	498.05	418.34	79.71	6.248				
8,500.00	6,961.29	7,057.60	6,954.95	56.58	27.85	-89.00	24.74	-2,440.96	477.65	395.29	82.35	5.800				
8,549.55	6,961.21	7,057.60	6,954.95	57.96	27.85	-89.00	24.74	-2,440.96	475.07	392.24	82.83	5.736	CC, ES, SF			
8,600.00	6,961.13	7,057.60	6,954.95	59.37	27.85	-89.00	24.74	-2,440.96	477.74	395.05	82.70	5.777				
8,700.00	6,960.98	7,057.60	6,954.95	62.17	27.85	-89.00	24.74	-2,440.96	498.32	417.48	80.85	6.164				
8,800.00	6,960.83	7,057.60	6,954.96	64.99	27.85	-89.00	24.74	-2,440.96	537.04	459.39	77.65	6.916				
8,900.00	6,960.68	7,057.61	6,954.96	67.83	27.85	-89.00	24.74	-2,440.96	590.34	516.30	74.04	7.973				
9,000.00	6,960.52	7,057.61	6,954.96	70.67	27.85	-89.00	24.74	-2,440.96	654.67	584.06	70.61	9.272				
9,100.00	6,960.37	7,057.61	6,954.96	73.52	27.85	-89.00	24.74	-2,440.96	727.11	659.52	67.59	10.758				
9,200.00	6,960.22	7,057.61	6,954.96	76.39	27.85	-89.01	24.74	-2,440.96	805.47	740.45	65.01	12.389				
9,300.00	6,960.06	7,057.61	6,954.96	79.26	27.85	-89.01	24.74	-2,440.96	888.18	825.32	62.86	14.130				
9,400.00	6,959.91	7,057.61	6,954.97	82.13	27.85	-89.01	24.74	-2,440.96	974.15	913.09	61.06	15.955				
9,500.00	6,959.76	7,057.62	6,954.97	85.01	27.85	-89.01	24.74	-2,440.96	1,062.57	1,003.02	59.54	17.845				
9,600.00	6,959.61	7,057.62	6,954.97	87.90	27.85	-89.01	24.74	-2,440.96	1,152.88	1,094.61	58.27	19.784				



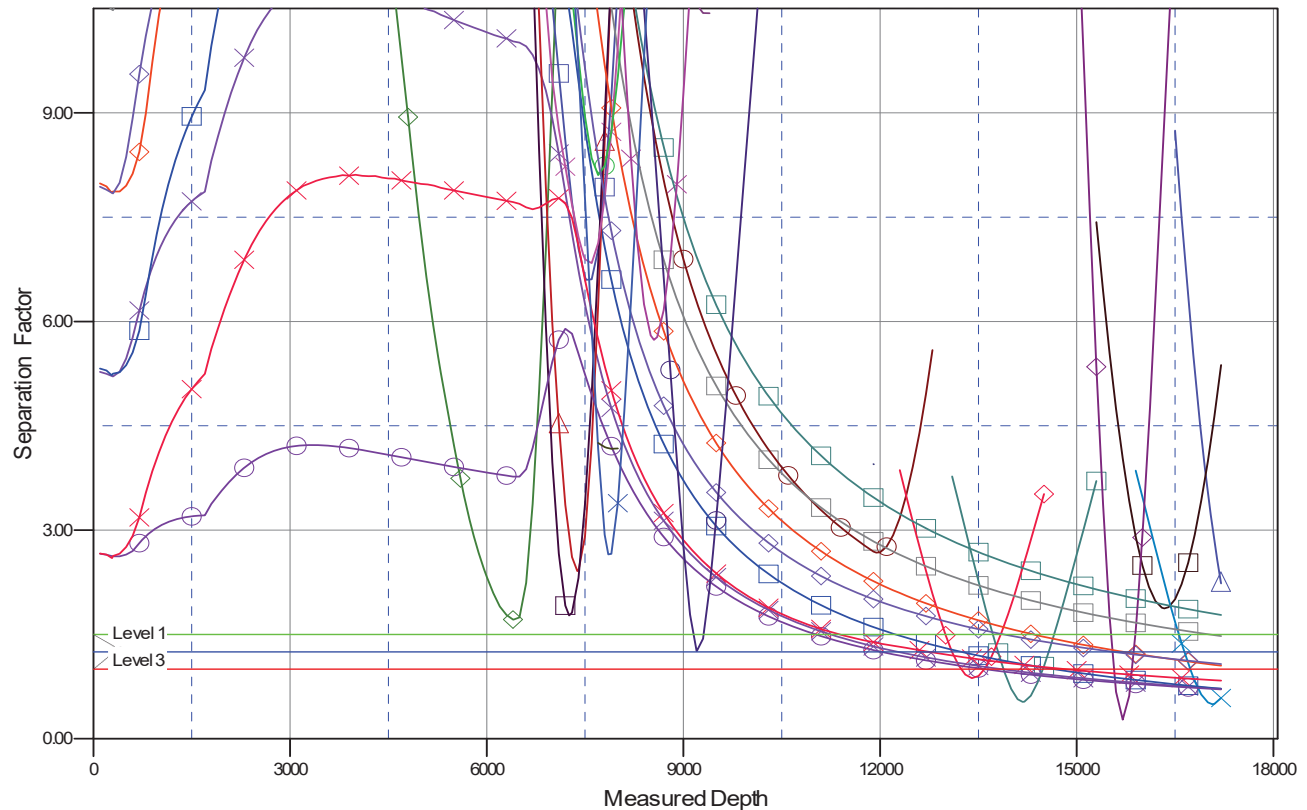
Offset Design5N-67W-12 Offsets - SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy Surveys											Offset Site Error:0.00 usft	
Survey Program:		100-SRC Energy_2° CONE_2.448, 805-SRC Energy_ISCWSA REV 2 MWD									Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance					
Measured 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)	
8,100.00	6,961.90	7,565.57	6,979.65	45.64	61.39	89.78	645.62	-3,093.49	1,113.29	1,035.82	77.47	14.370
8,200.00	6,961.74	7,565.70	6,979.78	48.33	61.39	89.83	645.62	-3,093.49	1,014.21	936.77	77.44	13.097
8,300.00	6,961.59	7,565.82	6,979.91	51.05	61.39	89.88	645.62	-3,093.49	915.33	837.88	77.45	11.818
8,400.00	6,961.44	7,565.95	6,980.03	53.80	61.39	89.93	645.62	-3,093.49	816.73	739.19	77.54	10.534
8,500.00	6,961.29	7,566.07	6,980.15	56.58	61.39	89.98	645.62	-3,093.50	718.51	640.75	77.76	9.240
8,600.00	6,961.13	7,566.19	6,980.27	59.37	61.39	90.02	645.62	-3,093.50	620.86	542.63	78.23	7.936
8,700.00	6,960.98	7,566.30	6,980.39	62.17	61.39	90.07	645.62	-3,093.50	524.09	444.95	79.14	6.622
8,800.00	6,960.83	7,566.42	6,980.50	64.99	61.39	90.11	645.62	-3,093.50	428.82	347.95	80.87	5.303
8,900.00	6,960.68	7,566.53	6,980.61	67.83	61.39	90.16	645.62	-3,093.50	336.29	252.23	84.06	4.001
9,000.00	6,960.52	7,566.64	6,980.72	70.67	61.39	90.20	645.62	-3,093.50	249.60	159.76	89.85	2.778
9,100.00	6,960.37	7,566.75	6,980.83	73.52	61.39	90.25	645.62	-3,093.50	177.52	78.11	99.40	1.786
9,200.00	6,960.22	7,566.85	6,980.94	76.39	61.39	90.29	645.62	-3,093.50	143.95	30.37	113.58	1.267 Level 3
9,203.95	6,960.21	7,566.86	6,980.94	76.50	61.39	90.29	645.62	-3,093.50	143.90	29.69	114.20	1.260 Level 3, CC, ES, SF
9,300.00	6,960.06	7,566.96	6,981.04	79.26	61.39	90.33	645.62	-3,093.50	173.01	52.84	120.17	1.440 Level 3
9,400.00	6,959.91	7,567.06	6,981.14	82.13	61.39	90.37	645.62	-3,093.50	243.19	130.75	112.44	2.163
9,500.00	6,959.76	7,567.16	6,981.24	85.01	61.39	90.41	645.62	-3,093.50	329.17	224.32	104.85	3.139
9,600.00	6,959.61	7,567.26	6,981.34	87.90	61.39	90.45	645.61	-3,093.50	421.38	321.77	99.61	4.230
9,700.00	6,959.45	7,567.36	6,981.44	90.79	61.39	90.49	645.61	-3,093.50	516.50	420.43	96.06	5.377
9,800.00	6,959.30	7,567.45	6,981.54	93.69	61.39	90.53	645.61	-3,093.50	613.17	519.59	93.58	6.552
9,900.00	6,959.15	7,567.55	6,981.63	96.59	61.40	90.57	645.61	-3,093.50	710.77	618.97	91.79	7.743
10,000.00	6,959.00	7,567.64	6,981.72	99.50	61.40	90.60	645.61	-3,093.50	808.95	718.49	90.46	8.943
10,100.00	6,958.84	7,567.73	6,981.82	102.41	61.40	90.64	645.61	-3,093.50	907.53	818.09	89.44	10.147
10,200.00	6,958.69	7,567.82	6,981.91	105.32	61.40	90.67	645.61	-3,093.50	1,006.39	917.75	88.64	11.354
10,300.00	6,958.54	7,567.91	6,981.99	108.23	61.40	90.71	645.61	-3,093.50	1,105.45	1,017.44	88.01	12.560



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

Coordinates are relative to: BOST FARM 4N-11B-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.43°

## Separation Factor Plot



### LEGEND

- |   |  |   |
|---|--|---|
| UPRC7-46, Noble Energy/PRWell/Actual VES Surveys V0   | BOST FARM 6N 8B-L Wellbore #1, Design #1 V0  | BOST FARM 5N 11A-L Wellbore #1, Design #1 V0                |
| NAPOLION 7-6, Noble Energy/PRWell/Actual VES Surveys V0                                       | BOST FARM 1N 8C-L Wellbore #1, Design #1 V0  | BOST FARM 6C 8-L Wellbore #1, Design #1 V0                  |
| NAPOLION 7-3, Noble Energy/PRWell/Actual VES Surveys V0                                       | BOST FARM 1C 8-L Wellbore #1, Design #1 V0   | BOST FARM 5C 11-L Wellbore #1, Design #1 V0                 |
| UPRC7-9H, Noble Energy/PRWell/Actual VES Surveys V0   | BOST FARM 6C-L Wellbore #1, Design #1 V0     | BOST FARM 6N 11-L Wellbore #1, Design #1 V0                 |
| Greeley/Rothe 1-9H SRC Energy/Planned Well/Planned Ensign Credinal Surveys V0                 | BOST FARM 1N 8B-L Wellbore #1, Design #1 V0  | BOST FARM 1N 8B-L Wellbore #1, Design #1 V0                 |
| Greeley/Rothe 1-9H SRC Energy/Planned Well/Planned Ensign Credinal Surveys V0                 | BOST FARM 6N 8B-L Wellbore #1, Design #1 V0  | BOST FARM 5N 11B-L Wellbore #1, Design #1 V0                |
| Slyway/Federal 31-11, Noble Energy/PRWell/Actual Strata Surveys V0                            | BOST FARM 6N 11C-L Wellbore #1, Design #1 V0 | BOST FARM 6C 11-L Wellbore #1, Design #1 V0                 |
| ARTIST 11-12, SRC Energy/S Well, No Surveys V0  | BOST FARM 8C-L Wellbore #1, Design #1 V0     | SHEEP 2-12, SRC Energy/PRWell/Actual MS Energy Surveys V0   |
| SKYWAY 18-11, Noble Energy/PRWell/Actual Strata Surveys V0                                    | BOST FARM 6C 11-L Wellbore #1, Design #1 V0  | DETENNE 17-12, Noble Energy/PRWell/Actual Strata Surveys V0 |
| SWAFFORD 11-11, SRC Energy/PRWell, No Surveys V0  | BOST FARM 1C 11-L Wellbore #1, Design #1 V0  | SHEEP 7-12, SRC Energy/PRWell/Actual MS Energy Surveys V0   |
| SKYWAY 4-11, Noble Energy/PRWell, No Surveys V0   | BOST FARM 6N 11B-L Wellbore #1, Design #1 V0 | DETENNE 1-12, Noble Energy/PRWell/Actual Strata Surveys V0  |
| SKYWAY 3-11 Approximation, Noble Energy/PRWell, Partial Surveys Mixed with Planned Surveys V0 | BOST FARM 1N 8A-L Wellbore #1, Design #1 V0  | BORESEN 1, Noble Energy/PRWell, No Surveys V0               |
| BOST FARM 6N 11C-L Wellbore #1, Design #1 V0  | BOST FARM 8C-L Wellbore #1, Design #1 V0     |   |
| BOST FARM 6N 11C-L Wellbore #1, Design #1 V0  |  |   |