

# **SRC ENERGY**

**WELD COUNTY (NAD83, TRUE NORTH)  
5N-66W-07 BOST FARM 5-7 PAD  
BOST FARM 1N-8C-L**

**Wellbore #1  
Design #1**

## **Anticollision Report**

**28 December, 2017**

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

<b>Survey Tool Program</b>		<b>Date</b>	12/28/2017		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.00	1,750.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV	Fixed:v2:crustal field declination	
1,750.00	17,589.36	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	200.00	200.00	20.03	12.46	2.647	CC
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	17,589.36	17,482.89	328.47	-282.29	0.538	Level 1, ES, SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	283.75	283.63	19.86	12.22	2.600	CC
BOST FARM 26C-8-L - Wellbore #1 - Design #1	17,589.36	17,709.03	249.93	-318.94	0.439	Level 1, ES, SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	283.76	283.48	39.90	32.26	5.225	CC
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	17,589.36	17,579.47	454.17	-165.48	0.733	Level 1, ES, SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	200.00	203.00	184.51	176.94	24.376	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	7,400.00	7,402.95	341.29	284.86	6.049	SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	7,500.00	7,339.67	117.31	61.95	2.119	ES, SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	7,506.41	7,333.99	117.27	62.03	2.123	CC
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	203.00	205.94	198.37	27.206	CC, ES
BOST FARM 31C-11-L - Wellbore #1 - Design #1	600.00	611.22	213.36	205.21	26.166	SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	203.00	196.86	189.29	26.006	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	300.00	300.08	196.92	189.27	25.734	ES
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	7,000.00	7,584.96	978.66	920.43	16.809	SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	559.26	576.46	188.83	180.78	23.464	CC, ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	7,100.00	7,604.74	778.14	721.17	13.660	SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	203.00	254.69	247.12	33.646	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	300.00	296.10	255.19	247.54	33.359	SF
BOST FARM 32C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	200.00	203.00	240.83	233.26	31.815	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	400.00	396.33	244.83	237.06	31.517	SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12A-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 38C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 38N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 40C-8-L - Wellbore #1 - Design #1	200.00	201.00	179.98	172.41	23.778	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	300.00	297.33	180.41	172.76	23.581	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	200.00	201.00	159.93	152.36	21.129	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	300.00	297.72	160.33	152.68	20.956	SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 41C-8-L - Wellbore #1 - Design #1	200.00	200.00	60.11	52.54	7.941	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	17,589.36	17,633.44	681.16	61.94	1.100	Level 2, SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	200.00	200.00	99.82	92.25	13.189	CC, ES
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	17,589.36	17,308.91	1,141.74	525.70	1.853	SF

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)		Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	200.00	200.00	79.78	72.21	10.541	CC
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	200.00	200.00	79.78	72.21	10.541	ES
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	17,589.36	17,449.66	903.37	281.09	1.452	Level 3, SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	200.00	200.00	40.07	32.51	5.295	CC
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	17,589.36	17,548.47	448.19	-176.55	0.717	Level 1, ES, SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	7,652.94	7,247.35	116.30	61.79	2.134	CC, ES, SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	590.19	608.22	183.73	175.62	22.641	CC
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	600.00	618.03	183.75	175.61	22.580	ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	7,800.00	7,114.80	555.03	499.83	10.056	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	203.00	181.15	173.58	23.931	CC
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	600.00	617.35	181.41	173.27	22.284	ES
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	7,200.00	7,478.98	396.16	339.20	6.955	SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	203.00	228.10	220.54	30.134	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	400.00	398.61	231.44	223.67	29.788	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	203.00	216.27	208.70	28.571	CC, ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	500.00	504.27	222.88	214.94	28.073	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	CC, ES
BOST FARM 8C-8-L - Wellbore #1 - Design #1	300.00	299.08	140.27	132.62	18.331	SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	200.00	200.00	119.85	112.28	15.836	CC, ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	300.00	299.52	120.16	112.51	15.703	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	9,067.76	7,062.93	83.59	3.11	1.039	Level 2, CC, ES, SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	300.00	278.37	1,116.89	1,109.44	149.854	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	1,300.00	1,270.44	1,190.92	1,180.58	115.275	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	12,154.46	7,095.55	116.64	-51.86	0.692	Level 1, CC, ES, SF
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,517.21	7,078.02	170.17	48.60	1.400	Level 3, CC, ES, SF
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su	10,608.35	7,091.81	1,182.76	1,058.95	9.553	CC, ES
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su	10,800.00	7,083.01	1,198.15	1,070.37	9.376	SF
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su	11,442.54	7,141.27	851.18	703.00	5.744	CC, ES
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su	11,500.00	7,141.55	853.12	703.63	5.707	SF
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	2,755.10	2,663.48	225.57	208.96	13.582	CC, ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	8,100.00	7,050.86	423.40	367.24	7.539	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	968.96	940.23	621.61	612.69	69.665	CC
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	1,000.00	970.46	621.65	612.61	68.733	ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	3,800.00	3,679.97	928.87	908.20	44.934	SF

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-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
TC AIMS 1-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 2-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 3-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 4-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS C4-9-11 - Extraction PR Well (Plan Only) - Plan						Out of range
TC AIMS C5-9-11 - Extraction PR Well (Plan Only) - Plan						Out of range
TC COUNTRY CLUB WEST 1-9-11 - Extraction PR Well	17,589.36	7,256.88	593.98	425.75	3.531	CC, ES, SF
TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well	17,589.36	7,172.16	771.53	511.53	2.967	CC, ES, SF
TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well	17,589.36	7,174.81	1,022.44	720.55	3.387	CC, ES, SF
TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST A2-9-11 - Extraction PR We	17,589.36	7,200.00	893.96	608.03	3.126	CC, ES, SF
TC COUNTRY CLUB WEST C1-9-11 - Extraction PR We	17,589.36	7,346.96	450.86	337.69	3.984	CC, ES, SF
TC COUNTRY CLUB WEST C3-9-11 - Extraction PR We						Out of range
TC HILAND KNOLLS 1-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 2-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 3-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 4-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS C6-9-11 - Extraction PR Well (Plan						Out of range
TC HILAND KNOLLS C7-9-11 - Extraction PR Well (Plan						Out of range
TC MOISER HILL 2-9-11 - Extraction PR Well (Plan Only	17,589.36	7,300.00	689.68	458.98	2.990	CC, ES, SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only	17,589.36	7,300.00	551.57	434.57	4.714	CC, ES, SF
WHITE 8-1 - Extraction PR Well - No Surveys	13,780.47	7,123.24	519.05	67.63	1.150	Level 2, CC
WHITE 8-1 - Extraction PR Well - No Surveys	13,800.00	7,123.67	519.42	67.59	1.150	Level 2, ES, SF
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,799.85	7,377.75	233.79	-12.18	0.950	Level 1, CC
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,800.00	7,377.75	233.79	-12.18	0.950	Level 1, ES, SF
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
5N-67W-01 Offsets Incomplete						
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann	7,528.97	7,128.97	910.69	858.71	17.520	CC, ES
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann	7,700.00	7,041.12	924.33	870.84	17.281	SF
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann	7,521.96	7,150.50	460.95	408.92	8.859	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

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-67W-11 Offsets Need Directional Surveys						
ARTIST 11-12 - SRC Energy SI Well - No Surveys						Out of range
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S						Out of range
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S						Out of range
SKYWAY 3-11 Approximation - Noble Energy PR Well - *						Out of range
SKYWAY 4-11 - Noble Energy PR Well - No Surveys						Out of range
SKYWAY 5-11 - Noble Energy PR Well - No Surveys						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						Out of range
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys						Out of range
UPRR 49 PAN AM B 1 - SRC Energy PR Well - No Surve						Out of range
5N-67W-12 Offsets						
BORESEN 1 - Noble Energy PR Well - No Surveys						Out of range
DETENNE 1-12 - Noble PR Well - Actual Strata Surveys	6,563.62	6,509.80	217.55	164.07	4.068	CC, ES, SF
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	6,556.99	6,431.04	1,150.80	1,097.32	21.517	CC, ES
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	6,600.00	6,473.30	1,151.91	1,098.22	21.454	SF
DETENNE 24-12 - Noble Energy PR Well - Actual Strata						Out of range
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy						Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1		Offset Site Error:		0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance										
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+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	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					
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				
300.00	300.00	300.12	300.12	3.35	3.34	-119.02	-19.88	-0.41	20.09	12.44	7.65	2.625					
400.00	399.93	400.37	400.30	3.41	3.41	-118.38	-18.64	-3.69	20.56	12.78	7.78	2.643					
500.00	499.68	500.61	500.29	3.50	3.50	-117.19	-16.18	-10.25	21.50	13.55	7.95	2.705					
600.00	599.13	600.83	599.96	3.61	3.61	-115.60	-12.48	-20.08	22.93	14.75	8.17	2.805					
700.00	698.15	701.04	699.18	3.75	3.75	-113.75	-7.57	-33.17	24.85	16.39	8.46	2.937					
800.00	796.63	801.24	797.84	3.93	3.94	-111.81	-1.43	-49.49	27.28	18.46	8.82	3.092					
900.00	894.44	901.41	895.81	4.16	4.16	-109.90	5.91	-69.03	30.22	20.95	9.27	3.260					
1,000.00	991.46	1,001.55	992.96	4.43	4.44	-108.09	14.45	-91.75	33.68	23.86	9.82	3.429					
1,100.00	1,087.73	1,101.47	1,089.45	4.76	4.76	-108.28	23.58	-116.04	37.76	27.30	10.47	3.608					
1,200.00	1,183.91	1,201.38	1,185.93	5.12	5.12	-108.91	32.71	-140.32	41.96	30.79	11.17	3.756					
1,300.00	1,280.08	1,301.29	1,282.42	5.51	5.50	-109.43	41.84	-164.60	46.16	34.24	11.93	3.870					
1,400.00	1,376.25	1,401.20	1,378.90	5.93	5.90	-109.87	50.97	-188.89	50.37	37.65	12.72	3.959					
1,500.00	1,472.43	1,501.11	1,475.38	6.36	6.31	-110.23	60.09	-213.17	54.58	41.03	13.55	4.028					
1,600.00	1,568.60	1,601.02	1,571.87	6.80	6.74	-110.55	69.22	-237.46	58.79	44.39	14.40	4.082					
1,700.00	1,664.78	1,700.93	1,668.35	7.26	7.17	-110.82	78.35	-261.74	63.00	47.73	15.27	4.125					
1,800.00	1,760.95	1,800.84	1,764.84	7.51	7.42	-111.06	87.48	-286.02	67.21	51.83	15.38	4.370					
1,900.00	1,857.12	1,900.75	1,861.32	7.60	7.50	-111.27	96.61	-310.31	71.43	55.90	15.53	4.601					
2,000.00	1,953.30	2,000.66	1,957.80	7.71	7.61	-111.45	105.73	-334.59	75.64	59.90	15.74	4.807					
2,100.00	2,049.47	2,100.58	2,054.29	7.86	7.75	-111.62	114.86	-358.88	79.86	63.84	16.01	4.987					
2,200.00	2,145.65	2,200.49	2,150.77	8.04	7.92	-111.77	123.99	-383.16	84.07	67.72	16.35	5.142					
2,300.00	2,241.82	2,300.40	2,247.26	8.26	8.12	-111.90	133.12	-407.45	88.29	71.54	16.74	5.273					
2,400.00	2,337.99	2,400.31	2,343.74	8.50	8.35	-112.03	142.24	-431.73	92.51	75.31	17.19	5.381					
2,500.00	2,434.17	2,500.22	2,440.22	8.76	8.60	-112.14	151.37	-456.01	96.72	79.04	17.69	5.469					
2,600.00	2,530.34	2,600.13	2,536.71	9.05	8.87	-112.24	160.50	-480.30	100.94	82.71	18.23	5.538					
2,700.00	2,626.52	2,700.04	2,633.19	9.36	9.16	-112.34	169.63	-504.58	105.16	86.35	18.81	5.591					
2,800.00	2,722.69	2,800.05	2,729.67	9.69	9.47	-112.43	178.76	-528.87	109.38	89.95	19.43	5.630					
2,900.00	2,818.87	2,900.14	2,826.16	10.04	9.80	-112.51	187.88	-553.15	113.59	93.52	20.08	5.657					
3,000.00	2,915.04	3,000.23	2,922.64	10.40	10.15	-112.58	197.01	-577.44	117.81	97.05	20.76	5.675					
3,100.00	3,011.21	3,100.32	3,019.13	10.78	10.51	-112.65	206.14	-601.72	122.03	100.56	21.47	5.684					

Offset Design5N-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
3,200.00	3,107.39	3,200.41	3,115.61	11.16	10.88	-112.72	215.27	-626.00	126.25	104.05	22.20	5.686	
3,300.00	3,203.56	3,300.49	3,212.09	11.56	11.26	-112.78	224.39	-650.29	130.47	107.51	22.96	5.683	
3,400.00	3,299.74	3,400.58	3,308.58	11.97	11.65	-112.84	233.52	-674.57	134.69	110.96	23.73	5.675	
3,500.00	3,395.91	3,500.67	3,405.06	12.39	12.05	-112.89	242.65	-698.86	138.91	114.38	24.53	5.663	
3,600.00	3,492.08	3,600.76	3,501.55	12.82	12.46	-112.94	251.78	-723.14	143.13	117.79	25.34	5.649	
3,700.00	3,588.26	3,700.85	3,598.03	13.25	12.87	-112.99	260.91	-747.43	147.35	121.19	26.16	5.632	
3,800.00	3,684.43	3,800.94	3,694.51	13.69	13.29	-113.03	270.03	-771.71	151.57	124.57	27.00	5.614	
3,900.00	3,780.61	3,898.97	3,791.00	14.14	13.71	-113.08	279.16	-795.99	155.79	127.95	27.84	5.596	
4,000.00	3,876.78	4,001.12	3,887.48	14.59	14.15	-113.12	288.29	-820.28	160.01	131.30	28.71	5.574	
4,100.00	3,972.96	4,101.21	3,983.97	15.05	14.59	-113.15	297.42	-844.56	164.23	134.65	29.58	5.552	
4,200.00	4,069.13	4,201.30	4,080.45	15.51	15.04	-113.19	306.55	-868.85	168.45	137.99	30.46	5.530	
4,300.00	4,165.30	4,301.39	4,176.93	15.98	15.48	-113.23	315.67	-893.13	172.67	141.32	31.35	5.508	
4,400.00	4,261.48	4,401.47	4,273.42	16.45	15.94	-113.26	324.80	-917.41	176.89	144.65	32.24	5.486	
4,500.00	4,357.65	4,501.56	4,369.90	16.93	16.39	-113.29	333.93	-941.70	181.11	147.97	33.14	5.464	
4,600.00	4,453.83	4,601.65	4,466.38	17.40	16.85	-113.32	343.06	-965.98	185.33	151.28	34.05	5.442	
4,700.00	4,550.00	4,701.74	4,562.87	17.88	17.31	-113.35	352.18	-990.27	189.55	154.58	34.97	5.421	
4,800.00	4,646.17	4,801.83	4,659.35	18.37	17.77	-113.38	361.31	-1,014.55	193.77	157.88	35.89	5.399	
4,900.00	4,742.35	4,901.92	4,755.84	18.85	18.24	-113.40	370.44	-1,038.84	197.99	161.18	36.81	5.378	
5,000.00	4,838.52	4,997.99	4,852.32	19.34	18.69	-113.43	379.57	-1,063.12	202.21	164.49	37.72	5.360	
5,100.00	4,934.70	5,097.90	4,948.80	19.83	19.16	-113.45	388.70	-1,087.40	206.43	167.78	38.66	5.340	
5,200.00	5,030.87	5,202.19	5,045.29	20.32	19.65	-113.47	397.82	-1,111.69	210.65	171.04	39.61	5.318	
5,300.00	5,127.04	5,297.72	5,141.77	20.81	20.10	-113.50	406.95	-1,135.97	214.87	174.34	40.53	5.301	
5,400.00	5,223.22	5,402.37	5,238.26	21.31	20.60	-113.52	416.08	-1,160.26	219.09	177.59	41.50	5.279	
5,500.00	5,319.39	5,502.46	5,334.74	21.81	21.08	-113.54	425.21	-1,184.54	223.31	180.87	42.45	5.261	
5,600.00	5,415.57	5,602.54	5,431.22	22.30	21.56	-113.56	434.34	-1,208.83	227.54	184.13	43.40	5.243	
5,700.00	5,511.74	5,697.37	5,527.71	22.80	22.01	-113.58	443.46	-1,233.11	231.76	187.43	44.33	5.228	
5,800.00	5,607.92	5,802.72	5,624.19	23.31	22.52	-113.60	452.59	-1,257.39	235.98	190.67	45.31	5.208	
5,900.00	5,704.09	5,902.81	5,720.67	23.81	23.00	-113.61	461.72	-1,281.68	240.20	193.93	46.27	5.191	
6,000.00	5,800.26	6,002.90	5,817.16	24.31	23.49	-113.63	470.85	-1,305.96	244.42	197.19	47.23	5.175	
6,100.00	5,896.44	6,102.99	5,913.64	24.82	23.98	-113.65	479.97	-1,330.25	248.64	200.44	48.20	5.159	
6,200.00	5,992.61	6,203.08	6,010.13	25.32	24.46	-113.66	489.10	-1,354.53	252.86	203.70	49.16	5.143	
6,300.00	6,088.79	6,296.83	6,106.61	25.83	24.92	-113.68	498.23	-1,378.82	257.08	206.98	50.10	5.132	
6,400.00	6,184.96	6,397.34	6,203.72	26.34	25.39	-113.74	507.41	-1,403.02	261.28	210.24	51.05	5.119	
6,500.00	6,281.16	6,499.58	6,304.44	26.83	25.61	-118.14	516.78	-1,417.13	264.82	213.42	51.40	5.152	
6,600.00	6,379.08	6,598.71	6,403.05	27.07	25.73	-154.56	525.74	-1,415.19	269.01	217.85	51.16	5.258	
6,700.00	6,478.03	6,695.41	6,497.83	27.21	25.80	142.95	534.13	-1,398.52	274.43	223.64	50.78	5.404	
6,800.00	6,575.56	6,789.91	6,587.01	27.30	25.87	112.23	541.83	-1,368.51	280.80	230.38	50.42	5.570	
6,900.00	6,669.27	6,882.48	6,669.17	27.38	25.99	99.04	548.72	-1,326.58	287.78	237.61	50.17	5.736	
7,000.00	6,756.86	6,973.40	6,743.15	27.49	26.18	91.48	554.72	-1,274.21	295.00	244.84	50.17	5.881	
7,100.00	6,836.17	7,062.91	6,808.01	27.69	26.50	86.41	559.76	-1,212.84	302.11	251.60	50.50	5.982	
7,200.00	6,905.24	7,151.26	6,863.03	28.02	26.97	82.80	563.80	-1,143.90	308.75	257.46	51.29	6.020	
7,300.00	6,962.38	7,238.71	6,907.61	28.55	27.63	80.20	566.81	-1,068.82	314.64	262.02	52.62	5.980	
7,400.00	7,006.18	7,325.47	6,941.33	29.31	28.48	78.39	568.75	-988.97	319.55	265.03	54.52	5.861	
7,500.00	7,035.56	7,411.78	6,963.84	30.31	29.51	77.26	569.63	-905.73	323.28	266.32	56.96	5.676	
7,600.00	7,049.79	7,497.83	6,974.93	31.54	30.69	76.75	569.44	-820.46	325.70	265.87	59.83	5.444	
7,700.00	7,052.59	7,606.31	6,977.57	32.96	32.37	76.76	568.33	-724.65	327.17	264.04	63.13	5.183	
7,800.00	7,054.78	7,706.32	6,979.80	34.58	34.11	76.82	567.13	-624.69	328.61	262.06	66.55	4.938	
7,900.00	7,056.98	7,806.33	6,982.03	36.39	36.02	76.89	565.92	-524.73	330.05	259.76	70.28	4.696	
8,000.00	7,059.17	7,906.34	6,984.26	38.36	38.07	76.95	564.72	-424.78	331.49	257.20	74.29	4.462	
8,100.00	7,061.36	8,006.35	6,986.48	40.45	40.24	77.02	563.51	-324.82	332.92	254.40	78.52	4.240	
8,200.00	7,063.56	8,106.36	6,988.71	42.66	42.51	77.08	562.31	-224.86	334.36	251.42	82.95	4.031	
8,300.00	7,065.75	8,206.38	6,990.94	44.95	44.86	77.14	561.10	-124.91	335.80	248.27	87.54	3.836	
8,400.00	7,067.95	8,306.39	6,993.17	47.33	47.28	77.20	559.90	-24.95	337.24	244.98	92.27	3.655	
8,500.00	7,070.14	8,406.40	6,995.39	49.77	49.76	77.26	558.69	75.01	338.69	241.57	97.12	3.487	
8,600.00	7,072.34	8,506.41	6,997.62	52.27	52.29	77.32	557.49	174.96	340.13	238.06	102.07	3.332	
8,700.00	7,074.53	8,606.42	6,999.85	54.82	54.87	77.39	556.28	274.92	341.57	234.46	107.11	3.189	
8,800.00	7,076.72	8,706.43	7,002.08	57.40	57.48	77.44	555.08	374.88	343.01	230.78	112.23	3.056	
8,900.00	7,078.92	8,806.44	7,004.31	60.03	60.13	77.50	553.87	474.83	344.45	227.03	117.42	2.934	
9,000.00	7,081.11	8,906.45	7,006.53	62.68	62.81	77.56	552.67	574.79	345.90	223.23	122.66	2.820	
9,100.00	7,083.31	8,993.55	7,008.76	65.37	65.16	77.56	551.47	674.76	346.14	218.53	127.61	2.713	
9,200.00	7,085.51	9,106.46	7,010.99	68.08	68.23	77.55	550.26	774.73	345.93	212.66	133.27	2.596	
9,300.00	7,087.71	9,206.46	7,013.22	70.82	70.98	77.55	549.06	874.69	345.72	207.10	138.62	2.494	
9,400.00	7,089.91	9,306.46	7,015.45	73.57	73.74	77.55	547.85	974.66	345.51	201.50	144.01	2.399	
9,500.00	7,092.11	9,406.46	7,017.67	76.33	76.51	77.55	546.65	1,074.63	345.31	195.87	149.43	2.311	
9,600.00	7,094.31	9,506.46	7,019.90	79.11	79.30	77.54	545.44	1,174.60	345.10	190.22	154.88	2.228	
9,700.00	7,096.50	9,606.46	7,022.13	81.91	82.10	77.54	544.24	1,274.56	344.89	184.54	160.35	2.151	



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
9,800.00	7,098.70	9,706.46	7,024.36	84.71	84.92	77.54	543.03	1,374.53	344.68	178.83	165.85	2.078	
9,900.00	7,100.90	9,806.46	7,026.59	87.53	87.74	77.54	541.83	1,474.50	344.47	173.11	171.36	2.010	
10,000.00	7,103.10	9,906.46	7,028.82	90.35	90.57	77.53	540.62	1,574.47	344.27	167.37	176.90	1.946	
10,100.00	7,105.30	10,006.46	7,031.04	93.19	93.42	77.53	539.42	1,674.43	344.06	161.61	182.45	1.886	
10,200.00	7,107.50	10,106.46	7,033.27	96.03	96.26	77.53	538.21	1,774.40	343.85	155.84	188.01	1.829	
10,300.00	7,109.70	10,193.54	7,035.50	98.88	98.75	77.52	537.01	1,874.37	343.64	150.41	193.23	1.778	
10,400.00	7,111.90	10,306.46	7,037.73	101.74	101.98	77.52	535.80	1,974.34	343.43	144.25	199.18	1.724	
10,500.00	7,114.10	10,393.54	7,039.96	104.60	104.48	77.52	534.60	2,074.31	343.22	138.80	204.42	1.679	
10,600.00	7,116.30	10,506.46	7,042.18	107.47	107.72	77.52	533.39	2,174.27	343.02	132.62	210.40	1.630	
10,700.00	7,118.50	10,606.46	7,044.41	110.34	110.60	77.51	532.19	2,274.24	342.81	126.79	216.02	1.587	
10,800.00	7,120.70	10,706.46	7,046.64	113.22	113.48	77.51	530.99	2,374.21	342.60	120.95	221.65	1.546	
10,900.00	7,122.89	10,806.46	7,048.87	116.11	116.37	77.51	529.78	2,474.18	342.39	115.10	227.29	1.506	
11,000.00	7,125.09	10,906.46	7,051.10	118.99	119.26	77.51	528.58	2,574.14	342.18	109.24	232.94	1.469 Level 3	
11,100.00	7,127.29	11,006.46	7,053.32	121.88	122.15	77.50	527.37	2,674.11	341.98	103.38	238.60	1.433 Level 3	
11,200.00	7,129.49	11,093.54	7,055.55	124.78	124.68	77.50	526.17	2,774.08	341.77	97.87	243.89	1.401 Level 3	
11,300.00	7,131.69	11,206.46	7,057.78	127.68	127.95	77.50	524.96	2,874.05	341.56	91.63	249.93	1.367 Level 3	
11,400.00	7,133.89	11,306.46	7,060.01	130.58	130.86	77.49	523.76	2,974.01	341.35	85.75	255.60	1.335 Level 3	
11,500.00	7,136.09	11,393.54	7,062.24	133.48	133.39	77.49	522.55	3,073.98	341.14	80.23	260.91	1.307 Level 3	
11,600.00	7,138.29	11,506.46	7,064.47	136.39	136.67	77.49	521.35	3,173.95	340.94	73.97	266.97	1.277 Level 3	
11,700.00	7,140.49	11,606.46	7,066.69	139.30	139.58	77.49	520.14	3,273.92	340.73	68.07	272.65	1.250 Level 2	
11,800.00	7,142.69	11,706.46	7,068.92	142.21	142.50	77.48	518.94	3,373.89	340.52	62.17	278.35	1.223 Level 2	
11,900.00	7,144.89	11,806.46	7,071.15	145.12	145.41	77.48	517.73	3,473.85	340.31	56.27	284.05	1.198 Level 2	
12,000.00	7,147.08	11,906.46	7,073.38	148.04	148.33	77.48	516.53	3,573.82	340.10	50.36	289.75	1.174 Level 2	
12,100.00	7,149.28	12,006.46	7,075.61	150.95	151.25	77.48	515.32	3,673.79	339.89	44.44	295.45	1.150 Level 2	
12,200.00	7,151.48	12,106.46	7,077.83	153.87	154.17	77.47	514.12	3,773.76	339.69	38.53	301.16	1.128 Level 2	
12,300.00	7,153.68	12,206.46	7,080.06	156.80	157.09	77.47	512.91	3,873.72	339.48	32.61	306.87	1.106 Level 2	
12,400.00	7,155.88	12,306.46	7,082.29	159.72	160.02	77.47	511.71	3,973.69	339.27	26.68	312.59	1.085 Level 2	
12,500.00	7,158.08	12,406.46	7,084.52	162.64	162.94	77.46	510.50	4,073.66	339.06	20.76	318.31	1.065 Level 2	
12,600.00	7,160.28	12,493.54	7,086.75	165.57	165.49	77.46	509.30	4,173.63	338.85	15.20	323.66	1.047 Level 2	
12,700.00	7,162.48	12,606.46	7,088.98	168.50	168.80	77.46	508.10	4,273.59	338.65	8.90	329.75	1.027 Level 2	
12,800.00	7,164.68	12,706.46	7,091.20	171.43	171.73	77.46	506.89	4,373.56	338.44	2.96	335.48	1.009 Level 2	
12,900.00	7,166.88	12,793.54	7,093.43	174.36	174.28	77.45	505.69	4,473.53	338.23	-2.60	340.83	0.992 Level 1	
13,000.00	7,169.08	12,906.46	7,095.66	177.29	177.59	77.45	504.48	4,573.50	338.02	-8.91	346.93	0.974 Level 1	
13,100.00	7,171.27	13,006.46	7,097.89	180.22	180.53	77.45	503.28	4,673.47	337.81	-14.85	352.67	0.958 Level 1	
13,200.00	7,173.47	13,093.54	7,100.12	183.15	183.08	77.44	502.07	4,773.43	337.61	-20.42	358.03	0.943 Level 1	
13,300.00	7,175.67	13,206.46	7,102.34	186.09	186.40	77.44	500.87	4,873.40	337.40	-26.74	364.14	0.927 Level 1	
13,400.00	7,177.87	13,306.46	7,104.57	189.02	189.33	77.44	499.66	4,973.37	337.19	-32.68	369.87	0.912 Level 1	
13,500.00	7,180.07	13,406.46	7,106.80	191.96	192.27	77.44	498.46	5,073.34	336.98	-38.63	375.61	0.897 Level 1	
13,600.00	7,182.27	13,506.46	7,109.03	194.90	195.21	77.43	497.25	5,173.30	336.77	-44.58	381.35	0.883 Level 1	
13,700.00	7,184.47	13,606.47	7,111.26	197.83	198.15	77.43	496.05	5,273.27	336.57	-50.53	387.10	0.869 Level 1	
13,800.00	7,186.67	13,693.54	7,113.48	200.77	200.71	77.43	494.84	5,373.24	336.36	-56.11	392.47	0.857 Level 1	
13,900.00	7,188.87	13,806.47	7,115.71	203.71	204.03	77.42	493.64	5,473.21	336.15	-62.44	398.59	0.843 Level 1	
14,000.00	7,191.07	13,906.47	7,117.94	206.65	206.97	77.42	492.43	5,573.17	335.94	-68.39	404.33	0.831 Level 1	
14,100.00	7,193.27	14,006.47	7,120.17	209.60	209.91	77.42	491.23	5,673.14	335.73	-74.35	410.08	0.819 Level 1	
14,200.00	7,195.46	14,106.47	7,122.40	212.54	212.86	77.42	490.02	5,773.11	335.52	-80.30	415.83	0.807 Level 1	
14,300.00	7,197.66	14,206.47	7,124.63	215.48	215.80	77.41	488.82	5,873.08	335.32	-86.26	421.58	0.795 Level 1	
14,400.00	7,199.86	14,306.47	7,126.85	218.42	218.74	77.41	487.62	5,973.05	335.11	-92.22	427.33	0.784 Level 1	
14,500.00	7,202.06	14,406.47	7,129.08	221.37	221.69	77.41	486.41	6,073.01	334.90	-98.18	433.08	0.773 Level 1	
14,600.00	7,204.26	14,506.47	7,131.31	224.31	224.63	77.40	485.21	6,172.98	334.69	-104.14	438.84	0.763 Level 1	
14,700.00	7,206.46	14,606.47	7,133.54	227.26	227.58	77.40	484.00	6,272.95	334.48	-110.11	444.59	0.752 Level 1	
14,800.00	7,208.66	14,706.47	7,135.77	230.20	230.53	77.40	482.80	6,372.92	334.28	-116.07	450.35	0.742 Level 1	
14,900.00	7,210.86	14,806.47	7,137.99	233.15	233.47	77.40	481.59	6,472.88	334.07	-122.04	456.10	0.732 Level 1	
15,000.00	7,213.06	14,906.47	7,140.22	236.10	236.42	77.39	480.39	6,572.85	333.86	-128.00	461.86	0.723 Level 1	
15,100.00	7,215.26	15,006.47	7,142.45	239.04	239.37	77.39	479.18	6,672.82	333.65	-133.97	467.62	0.714 Level 1	
15,200.00	7,217.46	15,106.47	7,144.68	241.99	242.31	77.39	477.98	6,772.79	333.44	-139.93	473.38	0.704 Level 1	
15,300.00	7,219.65	15,206.47	7,146.91	244.94	245.26	77.38	476.77	6,872.75	333.24	-145.90	479.14	0.695 Level 1	
15,400.00	7,221.85	15,306.47	7,149.13	247.89	248.21	77.38	475.57	6,972.72	333.03	-151.87	484.90	0.687 Level 1	
15,500.00	7,224.05	15,406.47	7,151.36	250.84	251.16	77.38	474.36	7,072.69	332.82	-157.84	490.66	0.678 Level 1	
15,600.00	7,226.25	15,493.53	7,153.59	253.79	253.73	77.38	473.16	7,172.66	332.61	-163.43	496.05	0.671 Level 1	
15,700.00	7,228.45	15,606.47	7,155.82	256.74	257.06	77.37	471.95	7,272.63	332.40	-169.78	502.18	0.662 Level 1	
15,800.00	7,230.65	15,706.47	7,158.05	259.69	260.01	77.37	470.75	7,372.59	332.20	-175.75	507.94	0.654 Level 1	
15,900.00	7,232.85	15,806.47	7,160.28	262.64	262.96	77.37	469.54	7,472.56	331.99	-181.72	513.71	0.646 Level 1	
16,000.00	7,235.05	15,906.47	7,162.50	265.59	265.91	77.36	468.34	7,572.53	331.78	-187.69	519.47	0.639 Level 1	
16,100.00	7,237.25	16,006.47	7,164.73	268.54	268.87	77.36	467.1.14						

Offset Design										5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1				Offset Site Error:		0.00 usft
Survey Program:										0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1				Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
16,400.00	7,243.84	16,293.53	7,171.42	277.40	277.34	77.35	463.52	7,972.40	330.95	-211.21	542.16	0.610	Level 1			
16,500.00	7,246.04	16,406.47	7,173.64	280.35	280.67	77.35	462.32	8,072.37	330.74	-217.56	548.30	0.603	Level 1			
16,600.00	7,248.24	16,506.47	7,175.87	283.30	283.63	77.35	461.11	8,172.33	330.53	-223.53	554.06	0.597	Level 1			
16,700.00	7,250.44	16,606.47	7,178.10	286.25	286.58	77.34	459.91	8,272.30	330.32	-229.51	559.83	0.590	Level 1			
16,800.00	7,252.64	16,706.47	7,180.33	289.21	289.53	77.34	458.70	8,372.27	330.11	-235.48	565.60	0.584	Level 1			
16,900.00	7,254.84	16,806.47	7,182.56	292.16	292.49	77.34	457.50	8,472.24	329.91	-241.46	571.36	0.577	Level 1			
17,000.00	7,257.04	16,893.53	7,184.79	295.12	295.06	77.33	456.29	8,572.21	329.70	-247.06	576.76	0.572	Level 1			
17,100.00	7,259.24	16,993.53	7,187.01	298.07	298.01	77.33	455.09	8,672.17	329.49	-253.04	582.53	0.566	Level 1			
17,200.00	7,261.44	17,106.47	7,189.24	301.02	301.35	77.33	453.88	8,772.14	329.28	-259.39	588.67	0.559	Level 1			
17,300.00	7,263.64	17,206.47	7,191.47	303.98	304.31	77.33	452.68	8,872.11	329.07	-265.36	594.44	0.554	Level 1			
17,400.00	7,265.84	17,306.47	7,193.70	306.93	307.26	77.32	451.47	8,972.08	328.87	-271.34	600.21	0.548	Level 1			
17,500.00	7,268.04	17,406.47	7,195.93	309.89	310.22	77.32	450.27	9,072.04	328.66	-277.32	605.98	0.542	Level 1			
17,589.36	7,270.00	17,482.89	7,197.92	312.53	312.47	77.32	449.19	9,161.38	328.47	-282.29	610.76	0.538	Level 1, ES, SF			



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
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		
283.75	283.75	283.63	283.63	3.34	3.34	62.76	20.14	0.11	19.86	12.22	7.64	2.600 CC		
300.00	300.00	299.82	299.82	3.35	3.35	61.73	20.27	-0.09	20.06	12.41	7.65	2.621		
400.00	399.93	399.46	399.39	3.41	3.41	61.99	22.09	-3.03	20.20	12.42	7.78	2.597		
500.00	499.68	499.10	498.79	3.50	3.50	62.49	25.74	-8.92	20.47	12.52	7.95	2.576		
600.00	599.13	598.74	597.88	3.61	3.61	63.22	31.21	-17.74	20.88	12.72	8.17	2.558		
700.00	698.15	698.38	696.56	3.75	3.75	64.15	38.49	-29.48	21.44	13.00	8.44	2.539		
800.00	796.63	798.03	794.69	3.93	3.93	65.24	47.58	-44.14	22.14	13.35	8.79	2.518		
900.00	894.44	897.67	892.16	4.16	4.15	66.46	58.46	-61.68	22.99	13.77	9.22	2.493		
1,000.00	991.46	997.31	988.86	4.43	4.42	67.77	71.11	-82.09	24.00	14.24	9.75	2.461		
1,100.00	1,087.73	1,102.90	1,084.90	4.76	4.77	68.67	85.40	-105.14	25.22	14.81	10.41	2.424		
1,200.00	1,183.91	1,197.09	1,180.96	5.12	5.11	69.05	100.01	-128.70	26.55	15.46	11.10	2.393		
1,300.00	1,280.08	1,302.92	1,277.03	5.51	5.53	69.40	114.62	-152.27	27.89	16.00	11.88	2.347		
1,400.00	1,376.25	1,402.93	1,373.10	5.93	5.94	69.72	129.24	-175.84	29.22	16.53	12.69	2.303		
1,500.00	1,472.43	1,502.94	1,469.17	6.36	6.38	70.00	143.85	-199.40	30.56	17.03	13.53	2.258		
1,600.00	1,568.60	1,597.05	1,565.24	6.80	6.80	70.27	158.46	-222.97	31.90	17.52	14.38	2.218		
1,700.00	1,664.78	1,702.96	1,661.31	7.26	7.28	70.51	173.07	-246.54	33.23	17.94	15.29	2.173		
1,800.00	1,760.95	1,802.96	1,757.38	7.51	7.53	70.73	187.68	-270.10	34.57	19.16	15.41	2.243		
1,900.00	1,857.12	1,902.97	1,853.45	7.60	7.62	70.94	202.30	-293.67	35.91	20.34	15.57	2.307		
2,000.00	1,953.30	2,002.98	1,949.52	7.71	7.74	71.13	216.91	-317.24	37.25	21.45	15.80	2.358		
2,100.00	2,049.47	2,102.99	2,045.59	7.86	7.89	71.31	231.52	-340.80	38.59	22.50	16.09	2.399		
2,200.00	2,145.65	2,203.00	2,141.66	8.04	8.08	71.48	246.13	-364.37	39.93	23.48	16.45	2.428		
2,300.00	2,241.82	2,303.01	2,237.73	8.26	8.29	71.63	260.74	-387.94	41.27	24.41	16.86	2.448		
2,400.00	2,337.99	2,403.02	2,333.80	8.50	8.54	71.78	275.36	-411.50	42.61	25.28	17.33	2.459		
2,500.00	2,434.17	2,503.03	2,429.86	8.76	8.81	71.91	289.97	-435.07	43.95	26.10	17.85	2.462		
2,600.00	2,530.34	2,596.96	2,525.93	9.05	9.08	72.04	304.58	-458.64	45.29	26.89	18.40	2.462		
2,700.00	2,626.52	2,703.05	2,622.00	9.36	9.41	72.16	319.19	-482.20	46.63	27.61	19.03	2.451		
2,800.00	2,722.69	2,803.06	2,718.07	9.69	9.75	72.28	333.80	-505.77	47.98	28.30	19.67	2.439		
2,900.00	2,818.87	2,896.94	2,814.14	10.04	10.07	72.39	348.42	-529.34	49.32	28.98	20.33	2.426		
3,000.00	2,915.04	3,003.07	2,910.21	10.40	10.46	72.49	363.03	-552.90	50.66	29.59	21.07	2.405		
3,100.00	3,011.21	3,096.92	3,006.28	10.78	10.82	72.59	377.64	-576.47	52.00	30.22	21.78	2.387		
3,200.00	3,107.39	3,203.09	3,102.35	11.16	11.24	72.68	392.25	-600.04	53.34	30.77	22.57	2.364		
3,300.00	3,203.56	3,303.10	3,198.42	11.56	11.64	72.77	406.86	-623.60	54.69	31.33	23.36	2.341		
3,400.00	3,299.74	3,403.11	3,294.49	11.97	12.05	72.85	421.48	-647.17	56.03	31.86	24.16	2.319		
3,500.00	3,395.91	3,503.12	3,390.56	12.39	12.48	72.93	436.09	-670.74	57.37	32.38	24.99	2.296		
3,600.00	3,492.08	3,603.13	3,486.63	12.82	12.91	73.01	450.70	-694.30	58.71	32.88	25.83	2.273		
3,700.00	3,588.26	3,696.86	3,582.70	13.25	13.32	73.08	465.31	-717.87	60.06	33.39	26.66	2.253		
3,800.00	3,684.43	3,796.85	3,678.76	13.69	13.76	73.15	479.92	-741.44	61.40	33.87	27.53	2.230		
3,900.00	3,780.61	3,896.85	3,774.83	14.14	14.21	73.22	494.54	-765.00	62.74	34.33	28.41	2.208		
4,000.00	3,876.78	4,003.16	3,870.90	14.59	14.70	73.28	509.15	-788.57	64.08	34.75	29.33	2.185		
4,100.00	3,972.96	4,103.17	3,966.97	15.05	15.16	73.34	523.76	-812.14	65.43	35.19	30.24	2.164		
4,200.00	4,069.13	4,203.18	4,063.04	15.51	15.63	73.40	538.37	-835.70	66.77	35.62	31.15	2.143		
4,300.00	4,165.30	4,303.19	4,159.11	15.98	16.10	73.46	552.98	-859.27	68.11	36.04	32.07	2.124		
4,400.00	4,261.48	4,403.20	4,255.18	16.45	16.57	73.51	567.59	-882.84	69.46	36.45	33.00	2.105		
4,500.00	4,357.65	4,503.21	4,351.25	16.93	17.05	73.56	582.21	-906.40	70.80	36.86	33.94	2.086		
4,600.00	4,453.83	4,603.22	4,447.32	17.40	17.53	73.61	596.82	-929.97	72.14	37.26	34.88	2.068		
4,700.00	4,550.00	4,696.77	4,543.39	17.88	17.98	73.66	611.43	-953.54	73.49	37.68	35.80	2.053		
4,800.00	4,646.17	4,796.76	4,639.46	18.37	18.47	73.71	626.04	-977.10	74.83	38.07	36.76	2.036		
4,900.00	4,742.35	4,896.75	4,735.53	18.85	18.96	73.75	640.65	-1,000.67	76.17	38.46	37.72	2.020		
5,000.00	4,838.52	4,996.75	4,831.60	19.34	19.45	73.80	655.27	-1,024.24	77.52	38.84	38.68	2.004		
5,100.00	4,934.70	5,103.26	4,927.66	19.83	19.98	73.84	669.88	-1,047.80	78.86	39.18	39.68	1.987		
5,200.00	5,030.87	5,203.27	5,023.73	20.32	20.47	73.88	684.49	-1,071.37	80.20	39.55	40.65	1.973		
5,300.00	5,127.04	5,303.28	5,119.80	20.81	20.97	73.92	699.10	-1,094.94	81.55	39.92	41.63	1.959		
5,400.00	5,223.22	5,396.71	5,215.87	21.31	21.44	73.96	713.71	-1,118.50	82.89	40.31	42.58	1.947		
5,500.00	5,319.39	5,503.30	5,311.94	21.81	21.97	73.99	728.33	-1,142.07	84.24	40.64	43.59	1.932		
5,600.00	5,415.57	5,603.31	5,408.01	22.30	22.47	74.03	742.94	-1,165.64	85.58	41.00	44.58	1.920		
5,700.00	5,511.74	5,703.32	5,504.08	22.80	22.98	74.06	757.55	-1,189.20	86.92	41.35	45.57	1.907		
5,800.00	5,607.92	5,803.33	5,600.15	23.31	23.48	74.10	772.16	-1,212.77	88.27	41.70	46.56	1.896		
5,900.00	5,704.09	5,903.34	5,696.22	23.81	23.99	74.13	786.77	-1,236.34	89.61	42.05	47.56	1.884		
6,000.00	5,800.26	5,996.66	5,792.29	24.31	24.46	74.16	801.39	-1,259.90	90.95	42.43	48.52	1.875		
6,100.00	5,896.44	6,103.35	5,888.36	24.82	25.01	74.19	816.00	-1,283.47	92.30	42.75	49.55	1.863		
6,200.00	5,992.61	6,203.36	5,984.43	25.32	25.52	74.22	830.61	-1,307.04	93.64	43.09	50.55	1.852		
6,300.00	6,088.79	6,296.63	6,080.50	25.83	25.99	74.25	845.22	-1,330.60	94.99	43.46	51.52	1.844		
6,400.00	6,184.96	6,403.38	6,176.56	26.34	26.54	74.28	859.83	-1,354.17	96.33	43.77	52.56	1.833		

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	6,281.16	6,503.39	6,272.63	26.83	27.05	72.23	874.45	-1,377.74	97.65	44.10	53.55	1.823	
6,600.00	6,379.08	6,596.06	6,368.18	27.07	27.53	34.15	888.98	-1,401.18	97.04	43.61	53.43	1.816	
6,645.06	6,423.69	6,639.85	6,410.43	27.13	27.71	1.77	895.40	-1,410.73	96.68	43.96	52.72	1.834	
6,700.00	6,478.03	6,693.68	6,463.06	27.21	27.86	-35.63	903.38	-1,418.56	97.25	45.73	51.53	1.887	
6,800.00	6,575.56	6,794.01	6,562.13	27.30	28.06	-73.60	918.36	-1,421.06	101.14	52.22	48.92	2.067	
6,900.00	6,669.27	6,897.61	6,663.54	27.38	28.13	-93.19	933.61	-1,407.12	108.21	61.84	46.38	2.333	
7,000.00	6,756.86	7,004.71	6,764.59	27.49	28.21	-105.92	948.74	-1,375.43	117.45	73.25	44.20	2.657	
7,100.00	6,836.17	7,115.42	6,862.00	27.69	28.33	-114.89	963.23	-1,325.19	127.67	85.22	42.45	3.007	
7,200.00	6,905.24	7,229.70	6,951.99	28.02	28.55	-121.36	976.52	-1,256.26	137.76	96.49	41.26	3.338	
7,300.00	6,962.38	7,347.31	7,030.37	28.55	28.95	-125.97	987.99	-1,169.55	146.74	105.80	40.95	3.584	
7,400.00	7,006.18	7,467.79	7,092.93	29.31	29.64	-129.11	996.99	-1,067.19	153.84	111.94	41.90	3.672	
7,500.00	7,035.56	7,590.41	7,135.91	30.31	30.68	-131.05	1,002.99	-952.71	158.44	114.14	44.31	3.576	
7,600.00	7,049.79	7,714.25	7,156.52	31.54	32.09	-131.90	1,005.57	-830.83	160.18	112.15	48.04	3.334	
7,700.00	7,052.59	7,820.41	7,159.63	32.96	33.54	-132.02	1,005.58	-724.72	159.93	109.12	50.81	3.148	
7,800.00	7,054.78	7,920.41	7,161.83	34.58	35.12	-132.12	1,005.48	-624.74	159.65	106.39	53.26	2.997	
7,900.00	7,056.98	8,020.41	7,164.03	36.39	36.88	-132.21	1,005.38	-524.76	159.37	103.40	55.97	2.847	
8,000.00	7,059.17	8,120.41	7,166.23	38.36	38.81	-132.30	1,005.27	-424.79	159.09	100.20	58.89	2.701	
8,100.00	7,061.36	8,220.41	7,168.43	40.45	40.87	-132.40	1,005.17	-324.81	158.81	96.82	61.99	2.562	
8,200.00	7,063.56	8,320.41	7,170.62	42.66	43.05	-132.49	1,005.07	-224.84	158.53	93.28	65.25	2.430	
8,300.00	7,065.75	8,420.41	7,172.82	44.95	45.32	-132.58	1,004.97	-124.86	158.25	89.62	68.63	2.306	
8,400.00	7,067.95	8,520.41	7,175.02	47.33	47.67	-132.68	1,004.87	-24.89	157.97	85.85	72.12	2.190	
8,500.00	7,070.14	8,620.41	7,177.22	49.77	50.10	-132.77	1,004.76	75.09	157.69	81.99	75.70	2.083	
8,600.00	7,072.34	8,720.41	7,179.42	52.27	52.58	-132.87	1,004.66	175.06	157.42	78.06	79.36	1.984	
8,700.00	7,074.53	8,820.41	7,181.61	54.82	55.11	-132.97	1,004.56	275.04	157.14	74.06	83.08	1.891	
8,800.00	7,076.72	8,920.41	7,183.81	57.40	57.68	-133.06	1,004.46	375.01	156.86	70.01	86.86	1.806	
8,900.00	7,078.92	9,020.41	7,186.01	60.03	60.30	-133.16	1,004.36	474.99	156.59	65.91	90.68	1.727	
9,000.00	7,081.11	9,120.41	7,188.21	62.68	62.94	-133.26	1,004.26	574.96	156.31	61.77	94.54	1.653	
9,022.44	7,081.61	9,142.84	7,188.70	63.29	63.54	-133.27	1,004.23	597.39	156.28	60.86	95.42	1.638	
9,100.00	7,083.31	9,220.40	7,190.41	65.37	65.61	-133.07	1,004.15	674.93	156.93	58.09	98.84	1.588	
9,200.00	7,085.51	9,320.39	7,192.60	68.08	68.31	-132.74	1,004.05	774.90	157.89	54.54	103.35	1.528	
9,300.00	7,087.71	9,420.38	7,194.80	70.82	71.03	-132.42	1,003.95	874.87	158.85	50.93	107.92	1.472 Level 3	
9,400.00	7,089.91	9,520.37	7,197.00	73.57	73.76	-132.10	1,003.85	974.83	159.82	47.26	112.56	1.420 Level 3	
9,500.00	7,092.11	9,620.37	7,199.20	76.33	76.52	-131.79	1,003.75	1,074.80	160.79	43.54	117.25	1.371 Level 3	
9,600.00	7,094.31	9,720.36	7,201.40	79.11	79.29	-131.48	1,003.65	1,174.77	161.77	39.77	122.00	1.326 Level 3	
9,700.00	7,096.50	9,820.35	7,203.59	81.91	82.07	-131.18	1,003.54	1,274.73	162.75	35.96	126.79	1.284 Level 3	
9,800.00	7,098.70	9,920.34	7,205.79	84.71	84.87	-130.87	1,003.44	1,374.70	163.74	32.11	131.63	1.244 Level 2	
9,900.00	7,100.90	10,020.33	7,207.99	87.53	87.68	-130.58	1,003.34	1,474.67	164.73	28.21	136.52	1.207 Level 2	
10,000.00	7,103.10	10,120.32	7,210.19	90.35	90.49	-130.28	1,003.24	1,574.64	165.73	24.28	141.45	1.172 Level 2	
10,100.00	7,105.30	10,220.31	7,212.39	93.19	93.32	-129.99	1,003.14	1,674.60	166.73	20.32	146.42	1.139 Level 2	
10,200.00	7,107.50	10,320.31	7,214.58	96.03	96.16	-129.70	1,003.03	1,774.57	167.74	16.32	151.42	1.108 Level 2	
10,300.00	7,109.70	10,420.30	7,216.78	98.88	99.00	-129.42	1,002.93	1,874.54	168.75	12.28	156.46	1.079 Level 2	
10,400.00	7,111.90	10,520.29	7,218.98	101.74	101.85	-129.14	1,002.83	1,974.51	169.76	8.22	161.54	1.051 Level 2	
10,500.00	7,114.10	10,620.28	7,221.18	104.60	104.70	-128.86	1,002.73	2,074.47	170.78	4.13	166.65	1.025 Level 2	
10,600.00	7,116.30	10,720.27	7,223.37	107.47	107.56	-128.59	1,002.63	2,174.44	171.80	0.01	171.79	1.000 Level 2	
10,700.00	7,118.50	10,820.26	7,225.57	110.34	110.43	-128.31	1,002.53	2,274.41	172.82	-4.13	176.96	0.977 Level 1	
10,800.00	7,120.70	10,920.25	7,227.77	113.22	113.30	-128.05	1,002.42	2,374.37	173.85	-8.30	182.15	0.954 Level 1	
10,900.00	7,122.89	11,020.25	7,229.97	116.11	116.18	-127.78	1,002.32	2,474.34	174.88	-12.50	187.38	0.933 Level 1	
11,000.00	7,125.09	11,120.24	7,232.17	118.99	119.06	-127.52	1,002.22	2,574.31	175.92	-16.71	192.63	0.913 Level 1	
11,100.00	7,127.29	11,220.23	7,234.36	121.88	121.94	-127.26	1,002.12	2,674.28	176.96	-20.95	197.91	0.894 Level 1	
11,200.00	7,129.49	11,320.22	7,236.56	124.78	124.83	-127.01	1,002.02	2,774.24	178.00	-25.21	203.22	0.876 Level 1	
11,300.00	7,131.69	11,420.21	7,238.76	127.68	127.72	-126.75	1,001.92	2,874.21	179.05	-29.49	208.54	0.859 Level 1	
11,400.00	7,133.89	11,520.20	7,240.96	130.58	130.62	-126.50	1,001.81	2,974.18	180.10	-33.79	213.89	0.842 Level 1	
11,500.00	7,136.09	11,620.19	7,243.16	133.48	133.52	-126.26	1,001.71	3,074.14	181.16	-38.11	219.26	0.826 Level 1	
11,600.00	7,138.29	11,720.19	7,245.35	136.39	136.42	-126.01	1,001.61	3,174.11	182.21	-42.44	224.65	0.811 Level 1	
11,700.00	7,140.49	11,820.18	7,247.55	139.30	139.32	-125.77	1,001.51	3,274.08	183.27	-46.79	230.07	0.797 Level 1	
11,800.00	7,142.69	11,920.17	7,249.75	142.21	142.23	-125.54	1,001.41	3,374.05	184.34	-51.16	235.50	0.783 Level 1	
11,900.00	7,144.89	12,020.16	7,251.95	145.12	145.14	-125.30	1,001.30	3,474.01	185.40	-55.54	240.95	0.769 Level 1	
12,000.00	7,147.08	12,120.15	7,254.14	148.04	148.05	-125.07	1,001.20	3,573.98	186.47	-59.94	246.42	0.757 Level 1	
12,100.00	7,149.28	12,220.14	7,256.34	150.95	150.96	-124.84	1,001.10	3,673.95	187.55	-64.36	251.90	0.745 Level 1	
12,200.00	7,151.48	12,320.13	7,258.54	153.87	153.87	-124.61	1,001.00	3,773.91	188.62	-68.78	257.41	0.733 Level 1	
12,300.00	7,153.68	12,420.13	7,260.74	156.80	156.79	-124.38	1,000.90	3,873.88	189.70	-73.23	262.93	0.722 Level 1	
12,400.00	7,155.88	12,520.12	7,262.94	159.72	159.71	-124.16	1,000.80	3,973.85	190.78	-77.68	268.46	0.711 Level 1	
12,500.00	7,158.08	12,620.11	7,265.13	162.64	162.62	-123.94	1,000.69	4,073.82	191.87	-82.15	274.01	0.700 Level 1	
12,600.00	7,160.28	12,720.10	7,267.33	165.57	165.55	-123.73	1,000.59	4,173.78	192.96	-86.62	279.58	0.690 Level 1	
12,700.00	7,162.48	12,820.09	7,269.53	168.50	168.47	-123.51	1,000.49	4,273.75	194.05	-91.11	285.16	0.680 Level 1	
12,800.00	7,164												

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
12,900.00	7,166.88	13,020.07	7,273.93	174.36	174.32	-123.09	1,000.29	4,473.69	196.23	-100.13	296.36	0.662	Level 1
13,000.00	7,169.08	13,120.07	7,276.12	177.29	177.24	-122.88	1,000.19	4,573.65	197.33	-104.65	301.98	0.653	Level 1
13,100.00	7,171.27	13,220.06	7,278.32	180.22	180.17	-122.67	1,000.08	4,673.62	198.43	-109.18	307.62	0.645	Level 1
13,200.00	7,173.47	13,320.05	7,280.52	183.15	183.10	-122.47	999.98	4,773.59	199.54	-113.73	313.26	0.637	Level 1
13,300.00	7,175.67	13,420.04	7,282.72	186.09	186.03	-122.27	999.88	4,873.55	200.64	-118.28	318.92	0.629	Level 1
13,400.00	7,177.87	13,520.03	7,284.92	189.02	188.96	-122.07	999.78	4,973.52	201.75	-122.84	324.59	0.622	Level 1
13,500.00	7,180.07	13,620.02	7,287.11	191.96	191.89	-121.87	999.68	5,073.49	202.86	-127.41	330.27	0.614	Level 1
13,600.00	7,182.27	13,720.01	7,289.31	194.90	194.82	-121.68	999.57	5,173.46	203.97	-131.99	335.96	0.607	Level 1
13,700.00	7,184.47	13,820.01	7,291.51	197.83	197.76	-121.49	999.47	5,273.42	205.09	-136.57	341.66	0.600	Level 1
13,800.00	7,186.67	13,920.00	7,293.71	200.77	200.69	-121.30	999.37	5,373.39	206.21	-141.16	347.37	0.594	Level 1
13,900.00	7,188.87	14,019.99	7,295.90	203.71	203.63	-121.11	999.27	5,473.36	207.33	-145.77	353.09	0.587	Level 1
14,000.00	7,191.07	14,119.98	7,298.10	206.65	206.56	-120.92	999.17	5,573.32	208.45	-150.37	358.82	0.581	Level 1
14,100.00	7,193.27	14,219.97	7,300.30	209.60	209.50	-120.74	999.07	5,673.29	209.57	-154.99	364.56	0.575	Level 1
14,200.00	7,195.46	14,319.96	7,302.50	212.54	212.44	-120.56	998.96	5,773.26	210.70	-159.61	370.31	0.569	Level 1
14,300.00	7,197.66	14,419.95	7,304.70	215.48	215.38	-120.38	998.86	5,873.23	211.83	-164.24	376.07	0.563	Level 1
14,400.00	7,199.86	14,519.95	7,306.89	218.42	218.31	-120.20	998.76	5,973.19	212.96	-168.87	381.83	0.558	Level 1
14,500.00	7,202.06	14,619.94	7,309.09	221.37	221.25	-120.02	998.66	6,073.16	214.09	-173.51	387.60	0.552	Level 1
14,600.00	7,204.26	14,719.93	7,311.29	224.31	224.19	-119.85	998.56	6,173.13	215.23	-178.16	393.39	0.547	Level 1
14,700.00	7,206.46	14,819.92	7,313.49	227.26	227.13	-119.67	998.46	6,273.10	216.36	-182.81	399.17	0.542	Level 1
14,800.00	7,208.66	14,919.91	7,315.69	230.20	230.08	-119.50	998.35	6,373.06	217.50	-187.47	404.97	0.537	Level 1
14,900.00	7,210.86	15,019.90	7,317.88	233.15	233.02	-119.33	998.25	6,473.03	218.64	-192.13	410.77	0.532	Level 1
15,000.00	7,213.06	15,119.89	7,320.08	236.10	235.96	-119.17	998.15	6,573.00	219.78	-196.80	416.58	0.528	Level 1
15,100.00	7,215.26	15,219.89	7,322.28	239.04	238.90	-119.00	998.05	6,672.96	220.93	-201.47	422.40	0.523	Level 1
15,200.00	7,217.46	15,319.88	7,324.48	241.99	241.85	-118.84	997.95	6,772.93	222.07	-206.15	428.22	0.519	Level 1
15,300.00	7,219.65	15,419.87	7,326.67	244.94	244.79	-118.67	997.84	6,872.90	223.22	-210.83	434.05	0.514	Level 1
15,400.00	7,221.85	15,519.86	7,328.87	247.89	247.73	-118.51	997.74	6,972.87	224.37	-215.52	439.89	0.510	Level 1
15,500.00	7,224.05	15,619.85	7,331.07	250.84	250.68	-118.35	997.64	7,072.83	225.52	-220.21	445.73	0.506	Level 1
15,600.00	7,226.25	15,719.84	7,333.27	253.79	253.62	-118.20	997.54	7,172.80	226.67	-224.90	451.58	0.502	Level 1
15,700.00	7,228.45	15,819.83	7,335.47	256.74	256.57	-118.04	997.44	7,272.77	227.83	-229.60	457.43	0.498	Level 1
15,800.00	7,230.65	15,919.83	7,337.66	259.69	259.51	-117.89	997.34	7,372.73	228.99	-234.30	463.29	0.494	Level 1
15,900.00	7,232.85	16,019.82	7,339.86	262.64	262.46	-117.73	997.23	7,472.70	230.14	-239.01	469.15	0.491	Level 1
16,000.00	7,235.05	16,119.81	7,342.06	265.59	265.41	-117.58	997.13	7,572.67	231.30	-243.72	475.02	0.487	Level 1
16,100.00	7,237.25	16,219.80	7,344.26	268.54	268.35	-117.43	997.03	7,672.64	232.46	-248.43	480.90	0.483	Level 1
16,200.00	7,239.45	16,319.79	7,346.46	271.49	271.30	-117.29	996.93	7,772.60	233.63	-253.15	486.77	0.480	Level 1
16,300.00	7,241.65	16,419.78	7,348.65	274.44	274.25	-117.14	996.83	7,872.57	234.79	-257.86	492.66	0.477	Level 1
16,400.00	7,243.84	16,519.77	7,350.85	277.40	277.20	-116.99	996.73	7,972.54	235.96	-262.59	498.54	0.473	Level 1
16,500.00	7,246.04	16,619.77	7,353.05	280.35	280.15	-116.85	996.62	8,072.51	237.13	-267.31	504.44	0.470	Level 1
16,600.00	7,248.24	16,719.76	7,355.25	283.30	283.09	-116.71	996.52	8,172.47	238.29	-272.04	510.33	0.467	Level 1
16,700.00	7,250.44	16,819.75	7,357.44	286.25	286.04	-116.57	996.42	8,272.44	239.46	-276.77	516.23	0.464	Level 1
16,800.00	7,252.64	16,919.74	7,359.64	289.21	288.99	-116.43	996.32	8,372.41	240.64	-281.50	522.14	0.461	Level 1
16,900.00	7,254.84	17,019.73	7,361.84	292.16	291.94	-116.29	996.22	8,472.37	241.81	-286.24	528.05	0.458	Level 1
17,000.00	7,257.04	17,119.72	7,364.04	295.12	294.89	-116.15	996.11	8,572.34	242.98	-290.97	533.96	0.455	Level 1
17,100.00	7,259.24	17,219.71	7,366.24	298.07	297.84	-116.02	996.01	8,672.31	244.16	-295.71	539.87	0.452	Level 1
17,200.00	7,261.44	17,319.71	7,368.43	301.02	300.79	-115.88	995.91	8,772.28	245.34	-300.45	545.79	0.450	Level 1
17,300.00	7,263.64	17,419.70	7,370.63	303.98	303.74	-115.75	995.81	8,872.24	246.52	-305.20	551.71	0.447	Level 1
17,400.00	7,265.84	17,519.69	7,372.83	306.93	306.69	-115.62	995.71	8,972.21	247.70	-309.94	557.64	0.444	Level 1
17,500.00	7,268.04	17,619.68	7,375.03	309.89	309.64	-115.49	995.61	9,072.18	248.88	-314.69	563.57	0.442	Level 1
17,589.36	7,270.00	17,709.03	7,376.99	312.53	312.28	-115.37	995.51	9,161.51	249.93	-318.94	568.87	0.439	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	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		
283.76	283.75	283.48	283.48	3.34	3.34	61.84	40.19	0.12	39.90	32.26	7.64	5.225 CC		
300.00	300.00	299.59	299.58	3.35	3.35	61.35	40.33	-0.06	40.12	32.47	7.65	5.243		
400.00	399.93	398.75	398.69	3.41	3.41	61.74	42.40	-2.80	40.52	32.74	7.78	5.210		
500.00	499.68	497.92	497.61	3.50	3.50	62.51	46.54	-8.27	41.31	33.36	7.94	5.200		
600.00	599.13	597.08	596.23	3.61	3.61	63.60	52.74	-16.47	42.51	34.35	8.16	5.209		
700.00	698.15	696.23	694.43	3.75	3.75	64.96	60.99	-27.38	44.13	35.70	8.44	5.231		
800.00	796.63	795.37	792.08	3.93	3.92	66.52	71.29	-41.00	46.19	37.41	8.78	5.261		
900.00	894.44	894.50	889.07	4.16	4.14	68.20	83.62	-57.30	48.69	39.49	9.21	5.289		
1,000.00	991.46	993.61	985.29	4.43	4.41	69.96	97.96	-76.26	51.66	41.93	9.73	5.309		
1,100.00	1,087.73	1,092.70	1,080.60	4.76	4.73	71.24	114.30	-97.87	55.26	44.90	10.36	5.336		
1,200.00	1,183.91	1,192.23	1,175.53	5.12	5.11	70.27	132.34	-121.73	60.03	48.97	11.06	5.429		
1,300.00	1,280.08	1,307.90	1,270.70	5.51	5.59	69.23	150.61	-145.88	64.95	53.07	11.88	5.467		
1,400.00	1,376.25	1,391.98	1,365.87	5.93	5.96	68.33	168.88	-170.03	69.88	57.27	12.61	5.541		
1,500.00	1,472.43	1,508.15	1,461.04	6.36	6.50	67.55	187.14	-194.18	74.84	61.32	13.52	5.537		
1,600.00	1,568.60	1,608.28	1,556.21	6.80	6.99	66.87	205.41	-218.33	79.80	65.42	14.38	5.551		
1,700.00	1,664.78	1,708.41	1,651.38	7.26	7.46	66.27	223.67	-242.49	84.77	69.53	15.24	5.563		
1,800.00	1,760.95	1,791.47	1,746.55	7.51	7.70	65.74	241.94	-266.64	89.75	74.29	15.47	5.802		
1,900.00	1,857.12	1,908.66	1,841.73	7.60	7.83	65.26	260.21	-290.79	94.74	79.29	15.46	6.129		
2,000.00	1,953.30	2,008.79	1,936.90	7.71	7.96	64.83	278.47	-314.94	99.74	84.08	15.66	6.368		
2,100.00	2,049.47	2,108.92	2,032.07	7.86	8.14	64.44	296.74	-339.09	104.74	88.80	15.93	6.573		
2,200.00	2,145.65	2,209.04	2,127.24	8.04	8.35	64.08	315.00	-363.25	109.74	93.47	16.27	6.746		
2,300.00	2,241.82	2,309.17	2,222.41	8.26	8.59	63.76	333.27	-387.40	114.75	98.09	16.66	6.887		
2,400.00	2,337.99	2,409.30	2,317.58	8.50	8.87	63.46	351.54	-411.55	119.76	102.65	17.11	7.000		
2,500.00	2,434.17	2,509.43	2,412.75	8.76	9.17	63.19	369.80	-435.70	124.78	107.17	17.60	7.088		
2,600.00	2,530.34	2,590.45	2,507.92	9.05	9.43	62.94	388.07	-459.85	129.79	111.70	18.09	7.175		
2,700.00	2,626.52	2,709.68	2,603.10	9.36	9.85	62.71	406.33	-484.01	134.81	116.08	18.73	7.198		
2,800.00	2,722.69	2,809.81	2,698.27	9.69	10.22	62.49	424.60	-508.16	139.83	120.49	19.35	7.227		
2,900.00	2,818.87	2,890.06	2,793.44	10.04	10.53	62.29	442.87	-532.31	144.86	124.93	19.93	7.268		
3,000.00	2,915.04	2,989.94	2,888.61	10.40	10.93	62.10	461.13	-556.46	149.88	129.27	20.61	7.272		
3,100.00	3,011.21	3,089.81	2,983.78	10.78	11.35	61.93	479.40	-580.61	154.91	133.59	21.32	7.267		
3,200.00	3,107.39	3,189.68	3,078.95	11.16	11.78	61.76	497.66	-604.77	159.93	137.89	22.04	7.255		
3,300.00	3,203.56	3,289.55	3,174.12	11.56	12.22	61.61	515.93	-628.92	164.96	142.17	22.80	7.236		
3,400.00	3,299.74	3,389.43	3,269.29	11.97	12.67	61.47	534.20	-653.07	169.99	146.43	23.57	7.213		
3,500.00	3,395.91	3,489.30	3,364.46	12.39	13.13	61.33	552.46	-677.22	175.02	150.67	24.36	7.186		
3,600.00	3,492.08	3,589.17	3,459.64	12.82	13.60	61.20	570.73	-701.37	180.06	154.90	25.16	7.156		
3,700.00	3,588.26	3,689.04	3,554.81	13.25	14.08	61.08	588.99	-725.53	185.09	159.11	25.98	7.124		
3,800.00	3,684.43	3,788.92	3,649.98	13.69	14.56	60.96	607.26	-749.68	190.12	163.31	26.81	7.091		
3,900.00	3,780.61	3,888.79	3,745.15	14.14	15.05	60.85	625.53	-773.83	195.16	167.50	27.66	7.057		
4,000.00	3,876.78	3,988.66	3,840.32	14.59	15.55	60.75	643.79	-797.98	200.19	171.68	28.51	7.022		
4,100.00	3,972.96	4,088.53	3,935.49	15.05	16.05	60.65	662.06	-822.13	205.23	175.85	29.37	6.987		
4,200.00	4,069.13	4,188.41	4,030.66	15.51	16.56	60.55	680.32	-846.29	210.26	180.02	30.25	6.952		
4,300.00	4,165.30	4,288.28	4,125.83	15.98	17.07	60.46	698.59	-870.44	215.30	184.17	31.13	6.917		
4,400.00	4,261.48	4,388.15	4,221.01	16.45	17.58	60.38	716.86	-894.59	220.34	188.32	32.01	6.882		
4,500.00	4,357.65	4,488.02	4,316.18	16.93	18.10	60.30	735.12	-918.74	225.38	192.47	32.91	6.848		
4,600.00	4,453.83	4,587.90	4,411.35	17.40	18.62	60.22	753.39	-942.89	230.41	196.60	33.81	6.815		
4,700.00	4,550.00	4,687.77	4,506.52	17.88	19.14	60.14	771.65	-967.05	235.45	200.73	34.72	6.782		
4,800.00	4,646.17	4,787.64	4,601.69	18.37	19.67	60.07	789.92	-991.20	240.49	204.86	35.63	6.750		
4,900.00	4,742.35	4,887.51	4,696.86	18.85	20.20	60.00	808.19	-1,015.35	245.53	208.98	36.55	6.719		
5,000.00	4,838.52	4,987.39	4,792.03	19.34	20.73	59.94	826.45	-1,039.50	250.57	213.10	37.47	6.688		
5,100.00	4,934.70	5,087.26	4,887.20	19.83	21.27	59.87	844.72	-1,063.65	255.61	217.22	38.39	6.658		
5,200.00	5,030.87	5,187.13	4,982.37	20.32	21.80	59.81	862.99	-1,087.81	260.65	221.33	39.32	6.629		
5,300.00	5,127.04	5,287.00	5,077.55	20.81	22.34	59.75	881.25	-1,111.96	265.69	225.44	40.25	6.601		
5,400.00	5,223.22	5,386.88	5,172.72	21.31	22.88	59.70	899.52	-1,136.11	270.73	229.54	41.19	6.573		
5,500.00	5,319.39	5,486.75	5,267.89	21.81	23.42	59.64	917.78	-1,160.26	275.77	233.65	42.13	6.546		
5,600.00	5,415.57	5,586.62	5,363.06	22.30	23.96	59.59	936.05	-1,184.41	280.81	237.75	43.07	6.520		
5,700.00	5,511.74	5,686.49	5,458.23	22.80	24.51	59.54	954.32	-1,208.57	285.85	241.84	44.01	6.495		
5,800.00	5,607.92	5,786.37	5,553.40	23.31	25.05	59.49	972.58	-1,232.72	290.90	245.94	44.96	6.470		
5,900.00	5,704.09	5,886.24	5,648.57	23.81	25.60	59.44	990.85	-1,256.87	295.94	250.03	45.91	6.446		
6,000.00	5,800.26	5,986.11	5,743.74	24.31	26.15	59.40	1,009.11	-1,281.02	300.98	254.12	46.86	6.423		
6,100.00	5,896.44	6,085.98	5,838.91	24.82	26.70	59.35	1,027.38	-1,305.18	306.02	258.21	47.81	6.400		
6,200.00	5,992.61	6,185.86	5,934.09	25.32	27.24	59.31	1,045.65	-1,329.33	311.07	262.30	48.77	6.379		
6,300.00	6,088.79	6,285.73	6,029.26	25.83	27.80	59.27	1,063.91	-1,353.48	316.11	266.38	49.72	6.357		
6,400.00	6,184.96	6,385.60	6,124.43	26.34	28.35	59.23	1,082.18	-1,377.63	321.15	270.47	50.68	6.336		

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,281.16	6,485.52	6,219.66	26.83	28.89	57.22	1,100.46	-1,401.69	326.19	274.57	51.62	6.319	
6,600.00	6,379.08	6,585.79	6,316.98	27.07	29.17	25.10	1,119.07	-1,416.42	331.27	279.17	52.10	6.358	
6,700.00	6,478.03	6,686.11	6,415.43	27.21	29.34	-33.25	1,137.80	-1,415.43	336.30	283.90	52.39	6.419	
6,800.00	6,575.56	6,786.49	6,512.58	27.30	29.45	-60.11	1,156.17	-1,398.70	341.16	288.55	52.61	6.485	
6,900.00	6,669.27	6,886.93	6,606.01	27.38	29.53	-69.77	1,173.74	-1,366.63	345.73	292.89	52.85	6.542	
7,000.00	6,756.86	6,987.41	6,693.39	27.49	29.62	-74.21	1,190.07	-1,320.00	349.91	296.70	53.21	6.576	
7,100.00	6,836.17	7,087.93	6,772.53	27.69	29.79	-76.58	1,204.74	-1,259.95	353.58	299.77	53.81	6.571	
7,200.00	6,905.24	7,188.49	6,841.44	28.02	30.06	-77.95	1,217.38	-1,187.98	356.65	301.89	54.77	6.512	
7,300.00	6,962.38	7,289.05	6,898.39	28.55	30.49	-78.77	1,227.69	-1,105.86	359.06	302.89	56.17	6.392	
7,400.00	7,006.18	7,389.60	6,941.95	29.31	31.12	-79.26	1,235.39	-1,015.68	360.74	302.65	58.08	6.211	
7,500.00	7,035.56	7,490.13	6,971.03	30.31	31.98	-79.53	1,240.30	-919.69	361.64	301.16	60.48	5.980	
7,600.00	7,049.79	7,590.60	6,984.93	31.54	33.07	-79.64	1,242.30	-820.30	361.76	298.48	63.27	5.717	
7,700.00	7,052.59	7,690.72	6,987.58	32.96	34.35	-79.62	1,242.16	-720.23	361.28	294.91	66.37	5.443	
7,800.00	7,054.78	7,809.29	6,989.71	34.58	36.15	-79.60	1,241.91	-620.26	360.78	290.64	70.14	5.144	
7,900.00	7,056.98	7,909.29	6,991.84	36.39	37.88	-79.57	1,241.67	-520.28	360.28	286.38	73.90	4.875	
8,000.00	7,059.17	7,990.71	6,993.97	38.36	39.41	-79.55	1,241.43	-420.31	359.77	282.24	77.54	4.640	
8,100.00	7,061.36	8,109.29	6,996.10	40.45	41.82	-79.52	1,241.18	-320.33	359.27	277.11	82.16	4.373	
8,200.00	7,063.56	8,209.29	6,998.22	42.66	43.98	-79.50	1,240.94	-220.35	358.77	272.18	86.59	4.143	
8,300.00	7,065.75	8,309.29	7,000.35	44.95	46.24	-79.47	1,240.69	-120.38	358.26	267.09	91.17	3.930	
8,400.00	7,067.95	8,409.30	7,002.48	47.33	48.59	-79.45	1,240.45	-20.40	357.76	261.87	95.89	3.731	
8,500.00	7,070.14	8,509.30	7,004.61	49.77	51.00	-79.42	1,240.21	79.57	357.26	256.53	100.73	3.547	
8,600.00	7,072.34	8,609.30	7,006.74	52.27	53.48	-79.40	1,239.96	179.55	356.75	251.08	105.67	3.376	
8,700.00	7,074.53	8,690.70	7,008.87	54.82	55.53	-79.37	1,239.72	279.52	356.25	246.03	110.22	3.232	
8,800.00	7,076.72	8,790.70	7,011.00	57.40	58.10	-79.34	1,239.48	379.50	355.75	240.43	115.32	3.085	
8,900.00	7,078.92	8,909.30	7,013.13	60.03	61.19	-79.32	1,239.23	479.47	355.25	234.28	120.96	2.937	
9,000.00	7,081.11	9,009.30	7,015.26	62.68	63.83	-79.29	1,238.99	579.45	354.74	228.56	126.18	2.811	
9,030.22	7,081.78	9,020.91	7,015.90	63.49	64.14	-79.29	1,238.92	609.66	354.67	227.38	127.29	2.786	
9,100.00	7,083.31	9,109.31	7,017.39	65.37	66.50	-79.32	1,238.75	679.42	355.45	223.97	131.48	2.703	
9,200.00	7,085.51	9,209.31	7,019.52	68.08	69.19	-79.35	1,238.50	779.39	356.61	219.79	136.82	2.607	
9,300.00	7,087.71	9,309.32	7,021.65	70.82	71.91	-79.37	1,238.26	879.36	357.77	215.58	142.19	2.516	
9,400.00	7,089.91	9,409.33	7,023.77	73.57	74.65	-79.39	1,238.02	979.33	358.93	211.32	147.61	2.432	
9,500.00	7,092.11	9,509.33	7,025.90	76.33	77.40	-79.42	1,237.77	1,079.30	360.09	207.04	153.06	2.353	
9,600.00	7,094.31	9,609.34	7,028.03	79.11	80.17	-79.44	1,237.53	1,179.27	361.25	202.72	158.53	2.279	
9,700.00	7,096.50	9,709.35	7,030.16	81.91	82.96	-79.46	1,237.29	1,279.24	362.42	198.38	164.03	2.209	
9,800.00	7,098.70	9,809.36	7,032.29	84.71	85.75	-79.49	1,237.04	1,379.21	363.58	194.01	169.56	2.144	
9,900.00	7,100.90	9,909.36	7,034.42	87.53	88.56	-79.51	1,236.80	1,479.18	364.74	189.63	175.11	2.083	
10,000.00	7,103.10	9,990.63	7,036.55	90.35	90.85	-79.53	1,236.56	1,579.16	365.90	185.74	180.16	2.031	
10,100.00	7,105.30	10,109.38	7,038.68	93.19	94.20	-79.55	1,236.31	1,679.13	367.06	180.80	186.27	1.971	
10,200.00	7,107.50	10,209.38	7,040.81	96.03	97.04	-79.58	1,236.07	1,779.10	368.22	176.35	191.87	1.919	
10,300.00	7,109.70	10,309.39	7,042.94	98.88	99.88	-79.60	1,235.83	1,879.07	369.38	171.90	197.49	1.870	
10,400.00	7,111.90	10,409.40	7,045.06	101.74	102.73	-79.62	1,235.58	1,979.04	370.54	167.43	203.12	1.824	
10,500.00	7,114.10	10,509.40	7,047.19	104.60	105.59	-79.64	1,235.34	2,079.01	371.71	162.94	208.76	1.781	
10,600.00	7,116.30	10,609.41	7,049.32	107.47	108.45	-79.66	1,235.10	2,178.98	372.87	158.45	214.42	1.739	
10,700.00	7,118.50	10,709.42	7,051.45	110.34	111.32	-79.69	1,234.85	2,278.95	374.03	153.94	220.09	1.699	
10,800.00	7,120.70	10,809.42	7,053.58	113.22	114.19	-79.71	1,234.61	2,378.92	375.19	149.42	225.77	1.662	
10,900.00	7,122.89	10,909.43	7,055.71	116.11	117.06	-79.73	1,234.37	2,478.89	376.35	144.90	231.45	1.626	
11,000.00	7,125.09	11,009.44	7,057.84	118.99	119.94	-79.75	1,234.12	2,578.86	377.51	140.36	237.15	1.592	
11,100.00	7,127.29	11,109.44	7,059.97	121.88	122.83	-79.77	1,233.88	2,678.83	378.68	135.82	242.86	1.559	
11,200.00	7,129.49	11,209.45	7,062.10	124.78	125.72	-79.79	1,233.64	2,778.80	379.84	131.27	248.57	1.528	
11,300.00	7,131.69	11,309.46	7,064.23	127.68	128.61	-79.81	1,233.39	2,878.77	381.00	126.71	254.29	1.498 Level 3	
11,400.00	7,133.89	11,409.47	7,066.36	130.58	131.51	-79.83	1,233.15	2,978.74	382.16	122.15	260.02	1.470 Level 3	
11,500.00	7,136.09	11,509.47	7,068.48	133.48	134.40	-79.85	1,232.91	3,078.71	383.32	117.58	265.75	1.442 Level 3	
11,600.00	7,138.29	11,609.48	7,070.61	136.39	137.31	-79.87	1,232.66	3,178.68	384.49	113.00	271.49	1.416 Level 3	
11,700.00	7,140.49	11,709.49	7,072.74	139.30	140.21	-79.89	1,232.42	3,278.65	385.65	108.42	277.23	1.391 Level 3	
11,800.00	7,142.69	11,809.49	7,074.87	142.21	143.11	-79.91	1,232.18	3,378.62	386.81	103.83	282.98	1.367 Level 3	
11,900.00	7,144.89	11,909.50	7,077.00	145.12	146.02	-79.93	1,231.93	3,478.59	387.97	99.24	288.74	1.344 Level 3	
12,000.00	7,147.08	12,009.51	7,079.13	148.04	148.93	-79.95	1,231.69	3,578.56	389.14	94.64	294.50	1.321 Level 3	
12,100.00	7,149.28	12,109.51	7,081.26	150.95	151.85	-79.97	1,231.45	3,678.53	390.30	90.04	300.26	1.300 Level 3	
12,200.00	7,151.48	12,209.52	7,083.39	153.87	154.76	-79.99	1,231.20	3,778.50	391.46	85.43	306.03	1.279 Level 3	
12,300.00	7,153.68	12,309.53	7,085.52	156.80	157.68	-80.01	1,230.96	3,878.47	392.62	80.82	311.80	1.259 Level 3	
12,400.00	7,155.88	12,409.53	7,087.65	159.72	160.60	-80.03	1,230.72	3,978.44	393.79	76.21	317.58	1.240 Level 2	
12,500.00	7,158.08	12,509.54	7,089.78	162.64	163.52	-80.05	1,230.47	4,078.41	394.95	71.59	323.36	1.221 Level 2	
12,600.00	7,160.28	12,609.55	7,091.90	165.57	166.44	-80.07	1,230.23	4,178.38	396.11	66.97	329.14	1.203 Level 2	
12,700.00	7,162.48	12,709.55	7,094.03	168.50	169.36	-80.09	1,229.99	4,278.35	397.27	62.34	334.93	1.186 Level 2	
12,800.00	7,164.68	12,809.56	7,096.16	171.43	172.28	-80.11	1,229.74	4,378.32	398.44	57.71	340.72	1.169 Level 2	
12,900.00	7,166.88	12,909.57	7,098.29	174.36	175.21	-8							

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis			Distance						
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
13,000.00	7,169.08	13,009.57	7,100.42	177.29	178.14	-80.15	1,229.26	4,578.26	400.76	48.45	352.31	1.138	Level 2
13,100.00	7,171.27	13,109.58	7,102.55	180.22	181.07	-80.17	1,229.01	4,678.23	401.92	43.81	358.11	1.122	Level 2
13,200.00	7,173.47	13,209.59	7,104.68	183.15	183.99	-80.19	1,228.77	4,778.20	403.09	39.17	363.91	1.108	Level 2
13,300.00	7,175.67	13,309.60	7,106.81	186.09	186.92	-80.20	1,228.53	4,878.17	404.25	34.53	369.72	1.093	Level 2
13,400.00	7,177.87	13,409.60	7,108.94	189.02	189.86	-80.22	1,228.28	4,978.14	405.41	29.89	375.53	1.080	Level 2
13,500.00	7,180.07	13,509.61	7,111.07	191.96	192.79	-80.24	1,228.04	5,078.11	406.58	25.24	381.34	1.066	Level 2
13,600.00	7,182.27	13,609.62	7,113.19	194.90	195.72	-80.26	1,227.79	5,178.08	407.74	20.59	387.15	1.053	Level 2
13,700.00	7,184.47	13,709.62	7,115.32	197.83	198.66	-80.28	1,227.55	5,278.05	408.90	15.94	392.96	1.041	Level 2
13,800.00	7,186.67	13,809.63	7,117.45	200.77	201.59	-80.29	1,227.31	5,378.02	410.06	11.29	398.78	1.028	Level 2
13,900.00	7,188.87	13,909.64	7,119.58	203.71	204.53	-80.31	1,227.06	5,477.99	411.23	6.63	404.60	1.016	Level 2
14,000.00	7,191.07	14,009.64	7,121.71	206.65	207.46	-80.33	1,226.82	5,577.96	412.39	1.98	410.42	1.005	Level 2
14,100.00	7,193.27	14,109.65	7,123.84	209.60	210.40	-80.35	1,226.58	5,677.93	413.55	-2.68	416.24	0.994	Level 1
14,200.00	7,195.46	14,209.66	7,125.97	212.54	213.34	-80.37	1,226.33	5,777.90	414.72	-7.34	422.06	0.983	Level 1
14,300.00	7,197.66	14,309.66	7,128.10	215.48	216.28	-80.38	1,226.09	5,877.87	415.88	-12.01	427.89	0.972	Level 1
14,400.00	7,199.86	14,409.67	7,130.23	218.42	219.22	-80.40	1,225.85	5,977.84	417.04	-16.67	433.72	0.962	Level 1
14,500.00	7,202.06	14,509.68	7,132.36	221.37	222.16	-80.42	1,225.60	6,077.81	418.21	-21.34	439.54	0.951	Level 1
14,600.00	7,204.26	14,609.68	7,134.49	224.31	225.10	-80.43	1,225.36	6,177.78	419.37	-26.00	445.37	0.942	Level 1
14,700.00	7,206.46	14,709.69	7,136.61	227.26	228.04	-80.45	1,225.12	6,277.75	420.53	-30.67	451.21	0.932	Level 1
14,800.00	7,208.66	14,809.70	7,138.74	230.20	230.98	-80.47	1,224.87	6,377.72	421.70	-35.34	457.04	0.923	Level 1
14,900.00	7,210.86	14,909.70	7,140.87	233.15	233.92	-80.49	1,224.63	6,477.69	422.86	-40.01	462.88	0.914	Level 1
15,000.00	7,213.06	15,009.71	7,143.00	236.10	236.87	-80.50	1,224.39	6,577.66	424.03	-44.69	468.71	0.905	Level 1
15,100.00	7,215.26	15,109.72	7,145.13	239.04	239.81	-80.52	1,224.14	6,677.63	425.19	-49.36	474.55	0.896	Level 1
15,200.00	7,217.46	15,209.73	7,147.26	241.99	242.75	-80.54	1,223.90	6,777.61	426.35	-54.04	480.39	0.888	Level 1
15,300.00	7,219.65	15,309.73	7,149.39	244.94	245.70	-80.55	1,223.66	6,877.58	427.52	-58.71	486.23	0.879	Level 1
15,400.00	7,221.85	15,409.74	7,151.52	247.89	248.64	-80.57	1,223.41	6,977.55	428.68	-63.39	492.07	0.871	Level 1
15,500.00	7,224.05	15,509.75	7,153.65	250.84	251.59	-80.58	1,223.17	7,077.52	429.84	-68.07	497.92	0.863	Level 1
15,600.00	7,226.25	15,609.75	7,155.78	253.79	254.53	-80.60	1,222.93	7,177.49	431.01	-72.75	503.76	0.856	Level 1
15,700.00	7,228.45	15,709.76	7,157.91	256.74	257.48	-80.62	1,222.68	7,277.46	432.17	-77.43	509.60	0.848	Level 1
15,800.00	7,230.65	15,809.77	7,160.03	259.69	260.43	-80.63	1,222.44	7,377.43	433.33	-82.12	515.45	0.841	Level 1
15,900.00	7,232.85	15,909.77	7,162.16	262.64	263.37	-80.65	1,222.20	7,477.40	434.50	-86.80	521.30	0.833	Level 1
16,000.00	7,235.05	16,009.78	7,164.29	265.59	266.32	-80.67	1,221.95	7,577.37	435.66	-91.48	527.15	0.826	Level 1
16,100.00	7,237.25	16,090.21	7,166.42	268.54	268.69	-80.68	1,221.71	7,677.34	436.83	-95.60	532.43	0.820	Level 1
16,200.00	7,239.45	16,209.79	7,168.55	271.49	272.22	-80.70	1,221.47	7,777.31	437.99	-100.86	538.85	0.813	Level 1
16,300.00	7,241.65	16,309.80	7,170.68	274.44	275.16	-80.71	1,221.22	7,877.28	439.15	-105.54	544.70	0.806	Level 1
16,400.00	7,243.84	16,409.81	7,172.81	277.40	278.11	-80.73	1,220.98	7,977.25	440.32	-110.23	550.55	0.800	Level 1
16,500.00	7,246.04	16,509.81	7,174.94	280.35	281.06	-80.74	1,220.74	8,077.22	441.48	-114.92	556.41	0.793	Level 1
16,600.00	7,248.24	16,609.82	7,177.07	283.30	284.01	-80.76	1,220.49	8,177.19	442.65	-119.61	562.26	0.787	Level 1
16,700.00	7,250.44	16,709.83	7,179.20	286.25	286.96	-80.77	1,220.25	8,277.16	443.81	-124.30	568.12	0.781	Level 1
16,800.00	7,252.64	16,809.83	7,181.32	289.21	289.91	-80.79	1,220.01	8,377.13	444.97	-129.00	573.97	0.775	Level 1
16,900.00	7,254.84	16,909.84	7,183.45	292.16	292.86	-80.80	1,219.76	8,477.10	446.14	-133.69	579.83	0.769	Level 1
17,000.00	7,257.04	17,009.85	7,185.58	295.12	295.81	-80.82	1,219.52	8,577.07	447.30	-138.38	585.69	0.764	Level 1
17,100.00	7,259.24	17,090.15	7,187.71	298.07	298.18	-80.83	1,219.28	8,677.04	448.47	-142.50	590.97	0.759	Level 1
17,200.00	7,261.44	17,209.86	7,189.84	301.02	301.71	-80.85	1,219.03	8,777.01	449.63	-147.77	597.40	0.753	Level 1
17,300.00	7,263.64	17,309.87	7,191.97	303.98	304.66	-80.86	1,218.79	8,876.98	450.80	-152.47	603.27	0.747	Level 1
17,400.00	7,265.84	17,409.88	7,194.10	306.93	307.62	-80.88	1,218.55	8,976.95	451.96	-157.17	609.13	0.742	Level 1
17,500.00	7,268.04	17,490.12	7,196.23	309.89	309.98	-80.89	1,218.30	9,076.92	453.13	-161.29	614.41	0.737	Level 1
17,589.36	7,270.00	17,579.47	7,198.13	312.53	312.62	-80.91	1,218.09	9,166.25	454.17	-165.48	619.65	0.733	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	3.00	-3.00	3.28	3.28	77.92	38.62	180.43	184.51					
100.00	100.00	103.00	97.00	3.28	3.28	77.92	38.62	180.43	184.51	176.99	7.53	24.512		
200.00	200.00	203.00	197.00	3.30	3.30	77.92	38.62	180.43	184.51	176.94	7.57	24.376	CC, ES	
200.00	200.00	203.00	197.00	3.30	3.30	77.92	38.62	180.43	184.51	176.94	7.57	24.376		
300.00	300.00	297.98	297.98	3.35	3.34	138.79	38.97	180.22	184.72	177.06	7.65	24.137		
400.00	399.93	400.04	399.98	3.41	3.41	138.46	42.00	178.43	186.25	178.47	7.78	23.940		
500.00	499.68	502.03	501.70	3.50	3.51	137.79	48.16	174.79	189.30	181.34	7.95	23.806		
600.00	599.13	603.88	602.99	3.61	3.62	136.81	57.41	169.31	193.89	185.72	8.17	23.726		
700.00	698.15	705.55	703.64	3.75	3.77	135.56	69.73	162.03	200.06	191.62	8.45	23.682		
800.00	796.63	806.99	803.49	3.93	3.94	134.10	85.08	152.95	207.88	199.09	8.79	23.654		
900.00	894.44	907.25	901.60	4.16	4.16	132.61	102.83	142.45	217.48	208.27	9.20	23.635		
1,000.00	991.46	1,006.49	998.64	4.43	4.41	131.77	120.74	131.86	229.41	219.73	9.68	23.696		
1,100.00	1,087.73	1,105.52	1,095.47	4.76	4.68	131.61	138.60	121.30	243.31	233.09	10.22	23.807		
1,200.00	1,183.91	1,204.52	1,192.26	5.12	4.96	131.61	156.47	110.73	257.45	246.65	10.80	23.833		
1,300.00	1,280.08	1,303.51	1,289.06	5.51	5.27	131.60	174.33	100.17	271.59	260.16	11.42	23.776		
1,400.00	1,376.25	1,402.51	1,385.86	5.93	5.59	131.60	192.19	89.61	285.72	273.65	12.08	23.661		
1,500.00	1,472.43	1,501.50	1,482.65	6.36	5.92	131.60	210.05	79.04	299.86	287.10	12.76	23.509		
1,600.00	1,568.60	1,600.50	1,579.45	6.80	6.27	131.60	227.91	68.48	314.00	300.54	13.46	23.332		
1,700.00	1,664.78	1,700.50	1,676.25	7.26	6.62	131.60	245.77	57.92	328.13	313.95	14.18	23.138		
1,800.00	1,760.95	1,798.49	1,773.04	7.51	6.81	131.60	263.63	47.35	342.27	328.06	14.21	24.087		
1,900.00	1,857.12	1,902.51	1,869.84	7.60	6.87	131.60	281.50	36.79	356.41	342.08	14.33	24.878		
2,000.00	1,953.30	2,003.52	1,966.64	7.71	6.96	131.60	299.36	26.23	370.54	356.05	14.49	25.568		
2,100.00	2,049.47	2,104.52	2,063.43	7.86	7.06	131.60	317.22	15.66	384.68	369.97	14.71	26.150		
2,200.00	2,145.65	2,205.53	2,160.23	8.04	7.19	131.60	335.08	5.10	398.82	383.84	14.98	26.626		
2,300.00	2,241.82	2,306.53	2,257.02	8.26	7.35	131.59	352.94	-5.47	412.96	397.66	15.29	27.004		
2,400.00	2,337.99	2,392.47	2,353.82	8.50	7.49	131.59	370.80	-16.03	427.09	411.47	15.62	27.336		
2,500.00	2,434.17	2,508.54	2,450.62	8.76	7.71	131.59	388.66	-26.59	441.23	425.18	16.05	27.493		
2,600.00	2,530.34	2,609.54	2,547.41	9.05	7.92	131.59	406.53	-37.16	455.37	438.88	16.49	27.623		
2,700.00	2,626.52	2,689.45	2,644.21	9.36	8.10	131.59	424.39	-47.72	469.50	452.59	16.91	27.768		
2,800.00	2,722.69	2,788.45	2,741.01	9.69	8.33	131.59	442.25	-58.28	483.64	466.24	17.40	27.791		
2,900.00	2,818.87	2,887.44	2,837.80	10.04	8.58	131.59	460.11	-68.85	497.78	479.85	17.93	27.768		
3,000.00	2,915.04	2,986.44	2,934.60	10.40	8.84	131.59	477.97	-79.41	511.91	493.44	18.48	27.707		
3,100.00	3,011.21	3,085.43	3,031.39	10.78	9.11	131.59	495.83	-89.97	526.05	507.00	19.05	27.615		
3,200.00	3,107.39	3,184.43	3,128.19	11.16	9.40	131.59	513.69	-100.54	540.19	520.54	19.64	27.498		
3,300.00	3,203.56	3,283.43	3,224.99	11.56	9.69	131.59	531.56	-111.10	554.32	534.07	20.26	27.361		
3,400.00	3,299.74	3,382.42	3,321.78	11.97	9.99	131.59	549.42	-121.66	568.46	547.57	20.89	27.209		
3,500.00	3,395.91	3,481.42	3,418.58	12.39	10.30	131.59	567.28	-132.23	582.60	561.06	21.54	27.046		
3,600.00	3,492.08	3,580.41	3,515.38	12.82	10.61	131.59	585.14	-142.79	596.74	574.53	22.21	26.874		
3,700.00	3,588.26	3,679.41	3,612.17	13.25	10.93	131.59	603.00	-153.35	610.87	587.99	22.88	26.696		
3,800.00	3,684.43	3,778.40	3,708.97	13.69	11.26	131.59	620.86	-163.92	625.01	601.44	23.57	26.514		
3,900.00	3,780.61	3,877.40	3,805.77	14.14	11.60	131.59	638.73	-174.48	639.15	614.87	24.27	26.331		
4,000.00	3,876.78	3,976.40	3,902.56	14.59	11.93	131.59	656.59	-185.04	653.28	628.30	24.99	26.147		
4,100.00	3,972.96	4,075.39	3,999.36	15.05	12.28	131.59	674.45	-195.61	667.42	641.71	25.71	25.964		
4,200.00	4,069.13	4,174.39	4,096.15	15.51	12.63	131.59	692.31	-206.17	681.56	655.12	26.44	25.782		
4,300.00	4,165.30	4,273.38	4,192.95	15.98	12.98	131.59	710.17	-216.73	695.69	668.52	27.17	25.603		
4,400.00	4,261.48	4,372.38	4,289.75	16.45	13.33	131.59	728.03	-227.30	709.83	681.91	27.92	25.426		
4,500.00	4,357.65	4,471.37	4,386.54	16.93	13.69	131.59	745.89	-237.86	723.97	695.30	28.67	25.253		
4,600.00	4,453.83	4,570.37	4,483.34	17.40	14.05	131.59	763.76	-248.42	738.10	708.68	29.43	25.083		
4,700.00	4,550.00	4,669.37	4,580.14	17.88	14.42	131.59	781.62	-258.99	752.24	722.05	30.19	24.917		
4,800.00	4,646.17	4,768.36	4,676.93	18.37	14.78	131.59	799.48	-269.55	766.38	735.42	30.96	24.756		
4,900.00	4,742.35	4,867.36	4,773.73	18.85	15.15	131.59	817.34	-280.11	780.52	748.78	31.73	24.598		
5,000.00	4,838.52	4,966.35	4,870.53	19.34	15.53	131.58	835.20	-290.68	794.65	762.14	32.51	24.444		
5,100.00	4,934.70	5,065.35	4,967.32	19.83	15.90	131.58	853.06	-301.24	808.79	775.50	33.29	24.294		
5,200.00	5,030.87	5,164.34	5,064.12	20.32	16.28	131.58	870.92	-311.80	822.93	788.85	34.08	24.149		
5,300.00	5,127.04	5,263.34	5,160.91	20.81	16.65	131.58	888.79	-322.37	837.06	802.20	34.87	24.007		
5,400.00	5,223.22	5,362.34	5,257.71	21.31	17.03	131.58	906.65	-332.93	851.20	815.54	35.66	23.869		
5,500.00	5,319.39	5,461.33	5,354.51	21.81	17.41	131.58	924.51	-343.49	865.34	828.88	36.46	23.736		
5,600.00	5,415.57	5,560.33	5,451.30	22.30	17.80	131.58	942.37	-354.06	879.47	842.22	37.26	23.606		
5,700.00	5,511.74	5,659.32	5,548.10	22.80	18.18	131.58	960.23	-364.62	893.61	855.55	38.06	23.480		
5,800.00	5,607.92	5,758.32	5,644.90	23.31	18.57	131.58	978.09	-375.18	907.75	868.88	38.86	23.357		
5,900.00	5,704.09	5,857.31	5,741.69	23.81	18.95	131.58	995.95	-385.75	921.89	882.21	39.67	23.238		
6,000.00	5,800.26	5,956.31	5,838.49	24.31	19.34	131.58	1,013.82	-396.31	936.02	895.54	40.48	23.123		
6,100.00	5,896.44	6,055.31	5,935.28	24.82	19.73	131.58	1,031.68	-406.88	950.16	908.87	41.29	23.011		
6,200.00	5,992.61	6,154.30	6,032.08	25.32	20.12	131.58	1,049.54	-417.44	964.30	922.19	42.11	22.902		
6,300.00	6,088.79	6,253.30	6,128.88	25.83	20.51	131.58	1,067.40	-428.00	978.43	935.51	42.92	22.796		
6,400.00	6,184.96	7,771.01	6,977.26	26.34	37.09	90.34	1,219.03	-1,382.46	914.91	878.07	36.84	24.832		



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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,281.16	7,805.49	6,977.20	26.83	37.87	83.48	1,218.89	-1,405.95	825.35	786.44	38.91	21.211	
6,600.00	6,379.08	7,808.55	6,977.17	27.07	37.94	31.93	1,218.80	-1,419.99	736.24	695.28	40.96	17.975	
6,700.00	6,478.03	7,806.94	6,977.17	27.21	37.90	-42.47	1,218.81	-1,418.38	649.18	605.76	43.42	14.950	
6,800.00	6,575.56	7,789.72	6,977.22	27.30	37.51	-79.42	1,218.92	-1,401.16	567.62	521.42	46.21	12.285	
6,900.00	6,669.27	7,757.32	6,977.30	27.38	36.79	-93.86	1,219.12	-1,368.76	495.16	445.91	49.24	10.055	
7,000.00	6,756.86	7,710.54	6,977.42	27.49	35.75	-99.00	1,219.41	-1,321.98	435.25	382.98	52.28	8.326	
7,100.00	6,836.17	7,650.53	6,977.57	27.69	34.48	-98.95	1,219.78	-1,261.97	390.53	335.69	54.84	7.121	
7,200.00	6,905.24	7,578.76	6,977.75	28.02	33.01	-95.61	1,220.22	-1,190.21	361.72	305.32	56.40	6.413	
7,300.00	6,962.38	7,502.99	6,977.96	28.55	31.54	-90.48	1,220.72	-1,108.46	346.85	289.95	56.90	6.096	
7,400.00	7,006.18	7,402.95	6,973.21	29.31	29.74	-84.04	1,220.38	-1,014.59	341.29	284.86	56.42	6.049 SF	
7,438.63	7,019.29	7,367.75	6,967.99	29.69	29.14	-81.43	1,219.61	-979.80	340.83	284.72	56.11	6.075	
7,500.00	7,035.56	7,313.69	6,956.31	30.31	28.27	-77.26	1,217.75	-927.06	341.95	286.62	55.33	6.181	
7,600.00	7,049.79	7,229.67	6,929.56	31.54	27.03	-70.54	1,213.25	-847.61	348.14	294.33	53.81	6.470	
7,700.00	7,052.59	7,151.43	6,895.60	32.96	26.01	-64.53	1,207.36	-777.42	359.87	307.70	52.17	6.898	
7,800.00	7,054.78	7,083.02	6,859.17	34.58	25.24	-58.78	1,200.95	-719.91	380.94	330.48	50.46	7.550	
7,900.00	7,056.98	7,024.14	6,823.12	36.39	24.64	-53.52	1,194.54	-673.84	412.99	364.08	48.91	8.443	
8,000.00	7,059.17	6,973.75	6,789.05	38.36	24.19	-48.96	1,188.44	-637.23	455.99	408.23	47.76	9.547	
8,100.00	7,061.36	6,930.65	6,757.73	40.45	23.83	-45.14	1,182.80	-608.18	508.84	461.80	47.03	10.818	
8,200.00	7,063.56	6,900.00	6,734.32	42.66	23.59	-42.49	1,178.58	-588.85	570.00	523.29	46.71	12.203	
8,300.00	7,065.75	6,861.82	6,703.92	44.95	23.31	-39.32	1,173.08	-566.43	637.75	591.30	46.45	13.730	
8,400.00	7,067.95	6,834.22	6,681.15	47.33	23.13	-37.13	1,168.95	-551.38	710.90	664.51	46.38	15.326	
8,500.00	7,070.14	6,800.00	6,652.07	49.77	22.91	-34.54	1,163.66	-534.15	788.43	742.13	46.30	17.028	
8,600.00	7,072.34	6,800.00	6,652.07	52.27	22.91	-34.54	1,163.66	-534.15	869.22	822.74	46.48	18.699	
8,700.00	7,074.53	6,770.41	6,626.22	54.82	22.73	-32.42	1,158.95	-520.55	952.57	906.11	46.46	20.504	
8,800.00	7,076.72	6,750.00	6,608.04	57.40	22.61	-31.02	1,155.64	-511.89	1,038.30	991.81	46.49	22.335	
8,900.00	7,078.92	6,750.00	6,608.04	60.03	22.61	-31.02	1,155.64	-511.89	1,125.94	1,079.35	46.59	24.169	

Offset Design5N-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)	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	84.11	18.58	180.15	181.10				
100.00	100.00	103.00	97.00	3.28	3.28	84.11	18.58	180.15	181.10	173.58	7.53	24.059	
200.00	200.00	203.00	197.00	3.30	3.30	84.11	18.58	180.15	181.10	173.53	7.57	23.925	
201.76	201.76	201.24	198.76	3.30	3.30	145.01	18.58	180.15	181.10	173.53	7.57	23.925	
300.00	300.00	298.50	298.50	3.35	3.34	144.98	18.92	179.91	181.27	173.61	7.65	23.686	
400.00	399.93	401.68	401.61	3.41	3.41	144.63	21.86	177.83	182.42	174.64	7.78	23.449	
500.00	499.68	504.80	504.47	3.50	3.51	143.91	27.83	173.61	184.68	176.73	7.95	23.231	
600.00	599.13	607.82	606.89	3.61	3.63	142.85	36.81	167.27	188.10	179.93	8.17	23.031	
700.00	698.15	710.70	708.72	3.75	3.77	141.49	48.77	158.81	192.73	184.29	8.44	22.842	
800.00	796.63	812.29	808.73	3.93	3.95	139.95	63.30	148.54	198.73	189.95	8.77	22.655	
900.00	894.44	911.87	906.65	4.16	4.16	138.95	78.12	138.07	207.18	198.01	9.17	22.599	
1,000.00	991.46	1,011.25	1,004.36	4.43	4.40	138.60	92.91	127.61	218.28	208.66	9.62	22.694	
1,100.00	1,087.73	1,110.35	1,101.80	4.76	4.65	138.82	107.66	117.19	231.59	221.47	10.12	22.887	
1,200.00	1,183.91	1,209.41	1,199.21	5.12	4.92	139.15	122.40	106.77	245.18	234.52	10.65	23.011	
1,300.00	1,280.08	1,308.48	1,296.61	5.51	5.20	139.44	137.15	96.35	258.76	247.54	11.22	23.056	
1,400.00	1,376.25	1,407.54	1,394.02	5.93	5.50	139.70	151.89	85.93	272.36	260.54	11.82	23.043	
1,500.00	1,472.43	1,506.61	1,491.42	6.36	5.81	139.94	166.63	75.51	285.96	273.52	12.44	22.989	
1,600.00	1,568.60	1,605.67	1,588.83	6.80	6.12	140.16	181.38	65.09	299.56	286.49	13.08	22.906	
1,700.00	1,664.78	1,704.74	1,686.23	7.26	6.44	140.36	196.12	54.67	313.17	299.45	13.73	22.815	
1,800.00	1,760.95	1,803.80	1,783.64	7.51	6.62	140.54	210.86	44.26	326.78	313.07	13.71	23.831	
1,900.00	1,857.12	1,902.86	1,881.04	7.60	6.66	140.70	225.60	33.84	340.40	326.61	13.79	24.681	
2,000.00	1,953.30	2,001.93	1,978.45	7.71	6.73	140.86	240.35	23.42	354.02	340.09	13.92	25.426	
2,100.00	2,049.47	2,100.99	2,075.86	7.86	6.82	141.00	255.09	13.00	367.64	353.54	14.10	26.073	
2,200.00	2,145.65	2,200.06	2,173.26	8.04	6.93	141.13	269.83	2.58	381.26	366.94	14.32	26.624	
2,300.00	2,241.82	2,299.12	2,270.67	8.26	7.06	141.25	284.58	-7.84	394.88	380.30	14.58	27.080	
2,400.00	2,337.99	2,401.81	2,368.07	8.50	7.21	141.37	299.32	-18.26	408.51	393.62	14.89	27.440	
2,500.00	2,434.17	2,502.75	2,465.48	8.76	7.38	141.48	314.06	-28.68	422.13	406.90	15.23	27.721	
2,600.00	2,530.34	2,603.69	2,562.88	9.05	7.56	141.58	328.80	-39.10	435.76	420.16	15.60	27.929	
2,700.00	2,626.52	2,695.38	2,660.29	9.36	7.75	141.67	343.55	-49.52	449.39	433.40	15.99	28.103	
2,800.00	2,722.69	2,805.56	2,757.69	9.69	7.98	141.76	358.29	-59.94	463.02	446.58	16.44	28.157	
2,900.00	2,818.87	2,906.49	2,855.10	10.04	8.21	141.84	373.03	-70.36	476.65	459.74	16.91	28.193	
3,000.00	2,915.04	3,007.43	2,952.50	10.40	8.45	141.92	387.77	-80.78	490.28	472.89	17.39	28.188	
3,100.00	3,011.21	3,108.37	3,049.91	10.78	8.70	142.00	402.52	-91.20	503.92	486.01	17.90	28.147	
3,200.00	3,107.39	3,209.30	3,147.31	11.16	8.96	142.07	417.26	-101.62	517.55	499.12	18.43	28.078	
3,300.00	3,203.56	3,289.76	3,244.72	11.56	9.17	142.14	432.00	-112.03	531.19	512.26	18.93	28.062	
3,400.00	3,299.74	3,388.83	3,342.13	11.97	9.44	142.20	446.75	-122.45	544.82	525.33	19.49	27.956	
3,500.00	3,395.91	3,487.89	3,439.53	12.39	9.72	142.26	461.49	-132.87	558.46	538.39	20.06	27.835	
3,600.00	3,492.08	3,586.96	3,536.94	12.82	10.01	142.32	476.23	-143.29	572.09	551.44	20.65	27.702	
3,700.00	3,588.26	3,686.02	3,634.34	13.25	10.30	142.37	490.97	-153.71	585.73	564.48	21.25	27.560	
3,800.00	3,684.43	3,785.08	3,731.75	13.69	10.60	142.43	505.72	-164.13	599.37	577.50	21.87	27.410	
3,900.00	3,780.61	3,884.15	3,829.15	14.14	10.90	142.48	520.46	-174.55	613.01	590.52	22.49	27.256	
4,000.00	3,876.78	3,983.21	3,926.56	14.59	11.21	142.53	535.20	-184.97	626.65	603.52	23.12	27.098	
4,100.00	3,972.96	4,082.28	4,023.96	15.05	11.53	142.57	549.95	-195.39	640.28	616.52	23.77	26.939	
4,200.00	4,069.13	4,181.34	4,121.37	15.51	11.84	142.62	564.69	-205.81	653.92	629.50	24.42	26.779	
4,300.00	4,165.30	4,280.41	4,218.77	15.98	12.16	142.66	579.43	-216.23	667.56	642.49	25.08	26.619	
4,400.00	4,261.48	4,379.47	4,316.18	16.45	12.49	142.70	594.17	-226.65	681.20	655.46	25.74	26.461	
4,500.00	4,357.65	4,478.53	4,413.58	16.93	12.82	142.74	608.92	-237.07	694.84	668.43	26.42	26.303	
4,600.00	4,453.83	4,577.60	4,510.99	17.40	13.15	142.78	623.66	-247.49	708.48	681.39	27.10	26.148	
4,700.00	4,550.00	4,676.66	4,608.40	17.88	13.48	142.81	638.40	-257.90	722.13	694.35	27.78	25.995	
4,800.00	4,646.17	4,775.73	4,705.80	18.37	13.82	142.85	653.14	-268.32	735.77	707.30	28.47	25.845	
4,900.00	4,742.35	4,874.79	4,803.21	18.85	14.16	142.88	667.89	-278.74	749.41	720.25	29.16	25.698	
5,000.00	4,838.52	4,973.86	4,900.61	19.34	14.50	142.91	682.63	-289.16	763.05	733.19	29.86	25.554	
5,100.00	4,934.70	5,072.92	4,998.02	19.83	14.84	142.94	697.37	-299.58	776.69	746.13	30.56	25.413	
5,200.00	5,030.87	5,171.98	5,095.42	20.32	15.19	142.97	712.12	-310.00	790.34	759.07	31.27	25.275	
5,300.00	5,127.04	5,271.05	5,192.83	20.81	15.54	143.00	726.86	-320.42	803.98	772.00	31.98	25.141	
5,400.00	5,223.22	5,370.11	5,290.23	21.31	15.88	143.03	741.60	-330.84	817.62	784.93	32.69	25.010	
5,500.00	5,319.39	5,469.18	5,387.64	21.81	16.23	143.06	756.34	-341.26	831.26	797.85	33.41	24.882	
5,600.00	5,415.57	5,568.24	5,485.04	22.30	16.59	143.09	771.09	-351.68	844.91	810.78	34.13	24.757	
5,700.00	5,511.74	5,667.30	5,582.45	22.80	16.94	143.11	785.83	-362.10	858.55	823.70	34.85	24.636	
5,800.00	5,607.92	5,766.37	5,679.85	23.31	17.29	143.14	800.57	-372.52	872.19	836.62	35.57	24.517	
5,900.00	5,704.09	5,865.43	5,777.26	23.81	17.65	143.16	815.31	-382.94	885.84	849.54	36.30	24.402	
6,000.00	5,800.26	5,964.50	5,874.67	24.31	18.01	143.18	830.06	-393.36	899.48	862.45	37.03	24.290	
6,100.00	5,896.44	6,063.56	5,972.07	24.82	18.37	143.21	844.80	-403.78	913.12	875.36	37.76	24.181	
6,200.00	5,992.61	6,162.63	6,069.48	25.32	18.72	143.23	859.54	-414.19	926.77	888.27	38.50	24.075	
6,300.00	6,088.79	6,261.69	6,166.88	25.83	19.08	143.25	874.29	-424.61	940.41	901.18	39.23	23.972	
6,400.00	6,184.96	7,802.75	7,042.18	26.34	36.19	121.04	1,001.85	-1,381.53	891.77	861.10	30.66	29.083	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,281.16	7,826.22	7,042.11	26.83	36.74	114.00	1,001.70	-1,405.00	795.45	764.06	31.39	25.340	
6,600.00	6,379.08	7,840.22	7,042.07	27.07	37.07	45.55	1,001.62	-1,419.01	697.70	665.55	32.16	21.696	
6,700.00	6,478.03	7,838.58	7,042.08	27.21	37.03	-59.57	1,001.63	-1,417.37	599.40	566.44	32.97	18.182	
6,800.00	6,575.56	7,821.34	7,042.13	27.30	36.62	-107.56	1,001.73	-1,400.12	503.20	469.29	33.90	14.843	
6,900.00	6,669.27	7,788.91	7,042.22	27.38	35.87	-124.61	1,001.93	-1,367.70	411.82	376.70	35.11	11.728	
7,000.00	6,756.86	7,742.10	7,042.35	27.49	34.81	-130.58	1,002.22	-1,320.89	328.09	291.23	36.86	8.901	
7,100.00	6,836.17	7,682.07	7,042.52	27.69	33.48	-130.71	1,002.59	-1,260.85	255.04	215.53	39.52	6.454	
7,200.00	6,905.24	7,610.28	7,042.73	28.02	31.95	-126.27	1,003.03	-1,189.07	195.91	152.44	43.47	4.507	
7,300.00	6,962.38	7,528.51	7,042.96	28.55	30.31	-117.57	1,003.53	-1,107.30	153.84	105.36	48.48	3.173	
7,400.00	7,006.18	7,431.61	7,037.88	29.31	28.49	-102.70	1,003.31	-1,010.62	127.84	73.95	53.89	2.372	
7,500.00	7,035.56	7,339.67	7,019.86	30.31	26.90	-83.47	1,001.08	-920.58	117.31	61.95	55.36	2.119 ES, SF	
7,506.41	7,036.93	7,333.99	7,018.32	30.39	26.80	-82.18	1,000.88	-915.11	117.27	62.03	55.24	2.123 CC	
7,600.00	7,049.79	7,253.59	6,991.52	31.54	25.57	-64.01	997.24	-839.45	125.01	73.78	51.23	2.440	
7,700.00	7,052.59	7,173.83	6,955.84	32.96	24.50	-48.71	992.22	-768.35	148.36	102.58	45.78	3.241	
7,800.00	7,054.78	7,104.54	6,917.92	34.58	23.69	-37.16	986.79	-710.65	188.77	146.76	42.01	4.493	
7,900.00	7,056.98	7,045.28	6,880.74	36.39	23.09	-29.05	981.40	-664.86	243.14	202.57	40.57	5.993	
8,000.00	7,059.17	6,994.85	6,845.89	38.36	22.63	-23.46	976.31	-628.78	307.59	267.19	40.40	7.614	
8,100.00	7,061.36	6,950.00	6,812.61	40.45	22.26	-19.38	971.42	-599.12	379.27	338.60	40.67	9.327	
8,200.00	7,063.56	6,915.24	6,785.46	42.66	22.00	-16.71	967.41	-577.81	456.21	415.09	41.11	11.096	
8,300.00	7,065.75	6,883.75	6,759.89	44.95	21.77	-14.60	963.63	-559.81	537.13	495.61	41.52	12.938	
8,400.00	7,067.95	6,850.00	6,731.56	47.33	21.55	-12.63	959.43	-541.98	621.16	579.34	41.82	14.853	
8,500.00	7,070.14	6,832.86	6,716.82	49.77	21.44	-11.73	957.24	-533.50	707.45	665.30	42.15	16.782	
8,600.00	7,072.34	6,812.13	6,698.70	52.27	21.32	-10.72	954.54	-523.80	795.72	753.32	42.39	18.770	
8,700.00	7,074.53	6,800.00	6,687.96	54.82	21.24	-10.16	952.94	-518.40	885.57	842.97	42.60	20.789	
8,800.00	7,076.72	6,777.70	6,667.95	57.40	21.12	-9.20	949.95	-509.01	976.59	933.84	42.75	22.843	
8,900.00	7,078.92	6,750.00	6,642.67	60.03	20.97	-8.12	946.17	-498.35	1,068.92	1,026.04	42.88	24.925	
9,000.00	7,081.11	6,750.00	6,642.67	62.68	20.97	-8.12	946.17	-498.35	1,161.69	1,118.70	43.00	27.019	

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
0.00	0.00	3.00	-3.00	3.28	3.28	119.46	-101.27	179.31	205.94				
100.00	100.00	103.00	97.00	3.28	3.28	119.46	-101.27	179.31	205.94	198.41	7.53	27.358	
200.00	200.00	203.00	197.00	3.30	3.30	119.46	-101.27	179.31	205.94	198.37	7.57	27.206	
200.00	200.00	203.00	197.00	3.30	3.30	119.46	-101.27	179.31	205.94	198.37	7.57	27.206	CC, ES
300.00	300.00	299.39	299.39	3.35	3.34	-179.56	-101.41	178.91	206.10	198.45	7.65	26.935	
400.00	399.93	404.42	404.35	3.41	3.41	-178.80	-102.57	175.36	207.21	199.44	7.77	26.661	
500.00	499.68	509.26	508.90	3.50	3.50	-177.29	-104.92	168.17	209.46	201.52	7.94	26.390	
600.00	599.13	611.22	610.32	3.61	3.61	-175.26	-108.19	158.16	213.36	205.21	8.15	26.166	SF
700.00	698.15	710.68	709.20	3.75	3.75	-173.35	-111.51	147.99	220.74	212.32	8.42	26.207	
800.00	796.63	809.86	807.80	3.93	3.91	-171.67	-114.82	137.86	231.78	223.04	8.74	26.528	
900.00	894.44	908.62	905.99	4.16	4.08	-170.27	-118.12	127.77	246.40	237.30	9.10	27.090	
1,000.00	991.46	1,006.85	1,003.65	4.43	4.28	-169.15	-121.40	117.74	264.52	255.03	9.50	27.859	
1,100.00	1,087.73	1,104.53	1,100.77	4.76	4.49	-168.31	-124.66	107.76	285.56	275.63	9.93	28.752	
1,200.00	1,183.91	1,202.15	1,197.83	5.12	4.70	-167.63	-127.92	97.79	306.99	296.60	10.39	29.550	
1,300.00	1,280.08	1,300.23	1,294.88	5.51	4.94	-167.04	-131.18	87.81	328.45	317.58	10.88	30.202	
1,400.00	1,376.25	1,402.61	1,391.93	5.93	5.19	-166.53	-134.44	77.84	349.95	338.55	11.40	30.708	
1,500.00	1,472.43	1,505.00	1,488.98	6.36	5.45	-166.07	-137.70	67.87	371.46	359.52	11.94	31.115	
1,600.00	1,568.60	1,607.38	1,586.03	6.80	5.71	-165.67	-140.96	57.89	393.00	380.50	12.50	31.441	
1,700.00	1,664.78	1,709.76	1,683.09	7.26	5.98	-165.30	-144.22	47.92	414.55	401.49	13.06	31.730	
1,800.00	1,760.95	1,787.86	1,780.14	7.51	6.09	-164.97	-147.48	37.95	436.12	423.14	12.98	33.603	
1,900.00	1,857.12	1,885.47	1,877.19	7.60	6.13	-164.68	-150.74	27.98	457.70	444.65	13.05	35.071	
2,000.00	1,953.30	1,983.09	1,974.24	7.71	6.17	-164.41	-154.00	18.00	479.29	466.14	13.14	36.463	
2,100.00	2,049.47	2,080.71	2,071.30	7.86	6.23	-164.16	-157.26	8.03	500.89	487.61	13.28	37.731	
2,200.00	2,145.65	2,178.33	2,168.35	8.04	6.30	-163.93	-160.52	-1.94	522.49	509.05	13.44	38.869	
2,300.00	2,241.82	2,275.94	2,265.40	8.26	6.39	-163.72	-163.78	-11.91	544.11	530.46	13.64	39.879	
2,400.00	2,337.99	2,373.56	2,362.45	8.50	6.49	-163.53	-167.04	-21.89	565.73	551.85	13.88	40.760	
2,500.00	2,434.17	2,471.18	2,459.50	8.76	6.60	-163.35	-170.30	-31.86	587.36	573.21	14.15	41.520	
2,600.00	2,530.34	2,568.80	2,556.56	9.05	6.73	-163.19	-173.56	-41.83	608.99	594.55	14.44	42.164	
2,700.00	2,626.52	2,666.41	2,653.61	9.36	6.87	-163.03	-176.82	-51.80	630.63	615.86	14.77	42.701	
2,800.00	2,722.69	2,764.03	2,750.66	9.69	7.02	-162.89	-180.08	-61.78	652.27	637.15	15.12	43.140	
2,900.00	2,818.87	2,861.65	2,847.71	10.04	7.19	-162.75	-183.34	-71.75	673.91	658.41	15.50	43.490	
3,000.00	2,915.04	2,959.27	2,944.76	10.40	7.36	-162.62	-186.60	-81.72	695.56	679.66	15.89	43.761	
3,100.00	3,011.21	3,056.89	3,041.82	10.78	7.54	-162.51	-189.86	-91.69	717.21	700.89	16.31	43.963	
3,200.00	3,107.39	3,154.50	3,138.87	11.16	7.74	-162.39	-193.12	-101.67	738.86	722.11	16.75	44.103	
3,300.00	3,203.56	3,252.12	3,235.92	11.56	7.93	-162.29	-196.37	-111.64	760.52	743.31	17.21	44.190	
3,400.00	3,299.74	3,349.74	3,332.97	11.97	8.14	-162.19	-199.63	-121.61	782.18	764.49	17.68	44.231	
3,500.00	3,395.91	3,447.36	3,430.03	12.39	8.36	-162.09	-202.89	-131.58	803.84	785.66	18.17	44.234	
3,600.00	3,492.08	3,544.97	3,527.08	12.82	8.58	-162.00	-206.15	-141.56	825.50	806.82	18.68	44.203	
3,700.00	3,588.26	3,642.59	3,624.13	13.25	8.80	-161.92	-209.41	-151.53	847.16	827.97	19.19	44.144	
3,800.00	3,684.43	3,740.21	3,721.18	13.69	9.03	-161.84	-212.67	-161.50	868.83	849.11	19.72	44.062	
3,900.00	3,780.61	3,837.83	3,818.23	14.14	9.27	-161.76	-215.93	-171.48	890.50	870.24	20.26	43.960	
4,000.00	3,876.78	3,935.44	3,915.29	14.59	9.51	-161.69	-219.19	-181.45	912.17	891.36	20.81	43.843	
4,100.00	3,972.96	4,033.06	4,012.34	15.05	9.76	-161.62	-222.45	-191.42	933.84	912.47	21.36	43.712	
4,200.00	4,069.13	4,130.68	4,109.39	15.51	10.01	-161.55	-225.71	-201.39	955.51	933.58	21.93	43.571	
4,300.00	4,165.30	4,228.30	4,206.44	15.98	10.26	-161.49	-228.97	-211.37	977.18	954.68	22.50	43.423	
4,400.00	4,261.48	4,325.91	4,303.50	16.45	10.52	-161.43	-232.23	-221.34	998.85	975.77	23.09	43.267	
4,500.00	4,357.65	4,423.53	4,400.55	16.93	10.78	-161.37	-235.49	-231.31	1,020.53	996.85	23.67	43.107	
4,600.00	4,453.83	4,521.15	4,497.60	17.40	11.05	-161.31	-238.75	-241.28	1,042.20	1,017.94	24.27	42.944	
4,700.00	4,550.00	4,618.77	4,594.65	17.88	11.31	-161.26	-242.01	-251.26	1,063.88	1,039.01	24.87	42.779	
4,800.00	4,646.17	4,716.38	4,691.70	18.37	11.58	-161.21	-245.27	-261.23	1,085.56	1,060.08	25.48	42.612	
4,900.00	4,742.35	4,814.00	4,788.76	18.85	11.85	-161.16	-248.53	-271.20	1,107.24	1,081.15	26.09	42.445	
5,000.00	4,838.52	4,911.62	4,885.81	19.34	12.13	-161.11	-251.79	-281.17	1,128.92	1,102.21	26.70	42.278	
5,100.00	4,934.70	5,009.24	4,982.86	19.83	12.40	-161.07	-255.05	-291.15	1,150.60	1,123.27	27.32	42.111	
5,200.00	5,030.87	5,106.86	5,079.91	20.32	12.68	-161.02	-258.31	-301.12	1,172.28	1,144.33	27.95	41.946	
5,300.00	5,127.04	5,204.47	5,176.96	20.81	12.96	-160.98	-261.57	-311.09	1,193.96	1,165.38	28.58	41.783	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	114.37	-81.24	179.31	196.86					
100.00	100.00	103.00	97.00	3.28	3.28	114.37	-81.24	179.31	196.86	189.33	7.53	26.152		
200.00	200.00	203.00	197.00	3.30	3.30	114.37	-81.24	179.31	196.86	189.29	7.57	26.006	CC	
300.00	300.00	300.08	300.08	3.35	3.34	175.34	-81.25	178.88	196.92	189.27	7.65	25.734	ES	
400.00	399.93	406.61	406.53	3.41	3.41	175.92	-81.39	175.04	197.18	189.41	7.77	25.369		
500.00	499.68	513.04	512.67	3.50	3.50	177.10	-81.66	167.25	197.66	189.72	7.93	24.913		
600.00	599.13	615.28	614.37	3.61	3.62	178.69	-82.03	156.75	199.10	190.96	8.15	24.443		
700.00	698.15	715.01	713.54	3.75	3.76	-179.76	-82.39	146.25	203.96	195.56	8.41	24.260		
800.00	796.63	814.50	812.48	3.93	3.92	-178.30	-82.76	135.77	212.45	203.73	8.71	24.382		
900.00	894.44	913.64	911.07	4.16	4.10	-176.99	-83.12	125.33	224.52	215.46	9.06	24.779		
1,000.00	991.46	1,012.31	1,009.19	4.43	4.29	-175.87	-83.49	114.94	240.15	230.70	9.45	25.417		
1,100.00	1,087.73	1,110.48	1,106.81	4.76	4.50	-174.94	-83.85	104.59	258.76	248.89	9.87	26.212		
1,200.00	1,183.91	1,208.59	1,204.38	5.12	4.71	-174.16	-84.21	94.26	277.77	267.45	10.31	26.929		
1,300.00	1,280.08	1,306.71	1,301.94	5.51	4.94	-173.48	-84.57	83.93	296.82	286.04	10.78	27.523		
1,400.00	1,376.25	1,404.82	1,399.51	5.93	5.18	-172.88	-84.93	73.59	315.91	304.63	11.28	28.014		
1,500.00	1,472.43	1,502.93	1,497.07	6.36	5.43	-172.35	-85.29	63.26	335.03	323.24	11.79	28.417		
1,600.00	1,568.60	1,601.04	1,594.64	6.80	5.68	-171.88	-85.65	52.92	354.17	341.85	12.32	28.747		
1,700.00	1,664.78	1,700.85	1,692.20	7.26	5.94	-171.45	-86.01	42.59	373.34	360.47	12.87	29.011		
1,800.00	1,760.95	1,802.74	1,789.76	7.51	6.08	-171.07	-86.37	32.25	392.52	379.72	12.80	30.672		
1,900.00	1,857.12	1,895.37	1,887.33	7.60	6.11	-170.72	-86.74	21.92	411.72	398.87	12.85	32.049		
2,000.00	1,953.30	2,006.52	1,984.89	7.71	6.16	-170.41	-87.10	11.59	430.93	417.99	12.94	33.307		
2,100.00	2,049.47	2,108.41	2,082.46	7.86	6.22	-170.12	-87.46	1.25	450.15	437.08	13.06	34.458		
2,200.00	2,145.65	2,189.70	2,180.02	8.04	6.28	-169.85	-87.82	-9.08	469.38	456.17	13.21	35.532		
2,300.00	2,241.82	2,287.81	2,277.59	8.26	6.37	-169.61	-88.18	-19.42	488.62	475.22	13.40	36.465		
2,400.00	2,337.99	2,385.92	2,375.15	8.50	6.47	-169.38	-88.54	-29.75	507.87	494.25	13.62	37.283		
2,500.00	2,434.17	2,484.04	2,472.72	8.76	6.58	-169.17	-88.90	-40.08	527.13	513.25	13.87	37.992		
2,600.00	2,530.34	2,582.15	2,570.28	9.05	6.71	-168.98	-89.26	-50.42	546.39	532.23	14.16	38.596		
2,700.00	2,626.52	2,680.26	2,667.84	9.36	6.85	-168.80	-89.62	-60.75	565.66	551.19	14.47	39.103		
2,800.00	2,722.69	2,778.37	2,765.41	9.69	7.00	-168.63	-89.98	-71.09	584.93	570.13	14.80	39.520		
2,900.00	2,818.87	2,876.48	2,862.97	10.04	7.16	-168.47	-90.34	-81.42	604.21	589.05	15.16	39.856		
3,000.00	2,915.04	2,974.59	2,960.54	10.40	7.34	-168.32	-90.71	-91.76	623.49	607.95	15.54	40.120		
3,100.00	3,011.21	3,072.70	3,058.10	10.78	7.52	-168.18	-91.07	-102.09	642.78	626.83	15.94	40.319		
3,200.00	3,107.39	3,170.81	3,155.67	11.16	7.71	-168.05	-91.43	-112.42	662.07	645.70	16.36	40.461		
3,300.00	3,203.56	3,268.92	3,253.23	11.56	7.91	-167.92	-91.79	-122.76	681.36	664.56	16.80	40.554		
3,400.00	3,299.74	3,367.03	3,350.80	11.97	8.11	-167.80	-92.15	-133.09	700.65	683.40	17.26	40.604		
3,500.00	3,395.91	3,465.14	3,448.36	12.39	8.32	-167.69	-92.51	-143.43	719.95	702.23	17.73	40.617		
3,600.00	3,492.08	3,563.26	3,545.92	12.82	8.54	-167.59	-92.87	-153.76	739.25	721.05	18.21	40.599		
3,700.00	3,588.26	3,661.37	3,643.49	13.25	8.77	-167.49	-93.23	-164.10	758.56	739.85	18.70	40.554		
3,800.00	3,684.43	3,759.48	3,741.05	13.69	9.00	-167.39	-93.59	-174.43	777.86	758.65	19.21	40.487		
3,900.00	3,780.61	3,857.59	3,838.62	14.14	9.23	-167.30	-93.95	-184.76	797.17	777.44	19.73	40.401		
4,000.00	3,876.78	3,955.70	3,936.18	14.59	9.47	-167.21	-94.32	-195.10	816.48	796.22	20.26	40.300		
4,100.00	3,972.96	4,053.81	4,033.75	15.05	9.72	-167.13	-94.68	-205.43	835.79	814.99	20.80	40.186		
4,200.00	4,069.13	4,151.92	4,131.31	15.51	9.96	-167.05	-95.04	-215.77	855.10	833.76	21.34	40.062		
4,300.00	4,165.30	4,250.03	4,228.88	15.98	10.22	-166.98	-95.40	-226.10	874.41	852.52	21.90	39.930		
4,400.00	4,261.48	4,348.14	4,326.44	16.45	10.47	-166.91	-95.76	-236.44	893.73	871.27	22.46	39.792		
4,500.00	4,357.65	4,446.25	4,424.00	16.93	10.73	-166.84	-96.12	-246.77	913.05	890.02	23.03	39.649		
4,600.00	4,453.83	4,544.36	4,521.57	17.40	10.99	-166.77	-96.48	-257.10	932.36	908.76	23.60	39.502		
4,700.00	4,550.00	4,642.47	4,619.13	17.88	11.25	-166.71	-96.84	-267.44	951.68	927.50	24.18	39.353		
4,800.00	4,646.17	4,740.59	4,716.70	18.37	11.52	-166.65	-97.20	-277.77	971.00	946.23	24.77	39.202		
4,900.00	4,742.35	4,838.70	4,814.26	18.85	11.79	-166.59	-97.56	-288.11	990.32	964.96	25.36	39.050		
5,000.00	4,838.52	4,936.81	4,911.83	19.34	12.06	-166.53	-97.92	-298.44	1,009.65	983.69	25.96	38.899		
5,100.00	4,934.70	5,034.92	5,009.39	19.83	12.33	-166.48	-98.29	-308.77	1,028.97	1,002.41	26.56	38.748		
5,200.00	5,030.87	5,133.03	5,106.96	20.32	12.61	-166.43	-98.65	-319.11	1,048.29	1,021.13	27.16	38.597		
5,300.00	5,127.04	5,231.14	5,204.52	20.81	12.89	-166.38	-99.01	-329.44	1,067.62	1,039.85	27.77	38.448		
5,400.00	5,223.22	5,329.25	5,302.08	21.31	13.17	-166.33	-99.37	-339.78	1,086.94	1,058.56	28.38	38.301		
5,500.00	5,319.39	5,427.36	5,399.65	21.81	13.45	-166.28	-99.73	-350.11	1,106.27	1,077.27	28.99	38.155		
5,600.00	5,415.57	5,525.47	5,497.21	22.30	13.73	-166.24	-100.09	-360.45	1,125.59	1,095.98	29.61	38.011		
5,700.00	5,511.74	5,623.58	5,594.78	22.80	14.01	-166.19	-100.45	-370.78	1,144.92	1,114.69	30.23	37.870		
5,800.00	5,607.92	5,721.69	5,692.34	23.31	14.30	-166.15	-100.81	-381.11	1,164.25	1,133.39	30.86	37.731		
5,900.00	5,704.09	5,819.81	5,789.91	23.81	14.58	-166.11	-101.17	-391.45	1,183.58	1,152.09	31.48	37.594		
6,400.00	6,184.96	7,644.70	6,962.62	26.34	33.88	-129.38	-110.48	-1,373.59	1,174.33	1,125.56	48.76	24.083		
6,500.00	6,281.16	7,668.32	6,962.59	26.83	34.46	-129.49	-110.62	-1,397.22	1,123.32	1,071.78	51.55	21.793		
6,600.00	6,379.08	7,682.48	6,962.57	27.07	34.81	-156.63	-110.70	-1,411.37	1,077.90	1,023.86	54.05	19.944		
6,700.00	6,478.03	7,681.00	6,962.57	27.21	34.77	148.27	-110.69	-1,409.89	1,039.50	983.41	56.10	18.531		
6,800.00	6,575.56	7,663.91	6,962.60	27.30	34.35	122.83	-110.59	-1,392.80	1,009.85	952.32	57.53	17.555		
6,900.00	6,669.27	7,631.63	6,962.64	27.38	33.56	112.85	-110.41	-1,360.52	989.68	931.45	58.23	16.995		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
7,000.00	6,756.86	7,584.96	6,962.70	27.49	32.42	106.65	-110.14	-1,313.85	978.66	920.43	58.22	16.809 SF	
7,100.00	6,836.17	7,525.05	6,962.78	27.69	31.00	101.45	-109.79	-1,253.94	975.39	917.77	57.61	16.930	
7,101.00	6,836.91	7,524.38	6,962.78	27.69	30.98	101.40	-109.78	-1,253.28	975.39	917.78	57.61	16.932	
7,200.00	6,905.24	7,453.37	6,962.88	28.02	29.35	96.67	-109.37	-1,182.26	977.75	921.14	56.61	17.271	
7,300.00	6,962.38	7,371.69	6,962.98	28.55	27.53	92.38	-108.90	-1,100.58	983.30	927.85	55.45	17.732	
7,400.00	7,006.18	7,286.65	6,958.83	29.31	25.74	88.73	-108.40	-1,015.71	989.81	935.32	54.49	18.165	
7,500.00	7,035.56	7,206.04	6,944.58	30.31	24.13	85.63	-107.89	-936.43	996.36	942.42	53.94	18.471	
7,600.00	7,049.79	7,129.00	6,921.71	31.54	22.73	83.02	-107.40	-862.90	1,002.47	948.67	53.79	18.635	
7,700.00	7,052.59	7,056.19	6,892.09	32.96	21.53	81.09	-106.92	-796.44	1,008.82	954.83	53.99	18.685	
7,800.00	7,054.78	6,991.26	6,859.42	34.58	20.59	79.19	-106.49	-740.37	1,018.84	964.32	54.52	18.687	
7,900.00	7,056.98	6,934.27	6,826.16	36.39	19.86	77.29	-106.12	-694.11	1,033.59	978.31	55.28	18.697	
8,000.00	7,059.17	6,884.60	6,793.91	38.36	19.30	75.49	-105.81	-656.36	1,053.72	997.57	56.15	18.765	
8,100.00	7,061.36	6,841.43	6,763.55	40.45	18.85	73.82	-105.53	-625.67	1,079.67	1,022.62	57.05	18.926	
8,200.00	7,063.56	6,800.00	6,732.53	42.66	18.47	72.15	-105.28	-598.22	1,111.60	1,053.75	57.85	19.217	
8,300.00	7,065.75	6,771.14	6,709.90	44.95	18.23	70.95	-105.11	-580.32	1,149.41	1,090.76	58.65	19.596	
8,400.00	7,067.95	6,750.00	6,692.82	47.33	18.05	70.06	-104.98	-567.86	1,192.99	1,133.62	59.36	20.097	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	108.82	-61.21	179.59	189.74				
100.00	100.00	103.00	97.00	3.28	3.28	108.82	-61.21	179.59	189.74	182.21	7.53	25.206	
200.00	200.00	203.00	197.00	3.30	3.30	108.82	-61.21	179.59	189.74	182.17	7.57	25.065	
300.00	300.00	300.32	300.32	3.35	3.34	169.76	-61.10	179.16	189.75	182.10	7.65	24.796	
400.00	399.93	407.37	407.30	3.41	3.41	170.06	-60.17	175.40	189.58	181.81	7.77	24.388	
500.00	499.68	514.40	514.02	3.50	3.51	170.68	-58.30	167.75	189.14	181.20	7.93	23.844	
559.26	558.66	576.46	575.77	3.56	3.58	171.17	-56.79	161.61	188.83	180.78	8.05	23.464	CC, ES
600.00	599.13	617.18	616.25	3.61	3.63	171.54	-55.75	157.37	189.12	180.98	8.14	23.236	
700.00	698.15	717.07	715.56	3.75	3.77	172.52	-53.20	146.98	192.30	183.90	8.40	22.906	
800.00	796.63	816.78	814.69	3.93	3.93	173.58	-50.65	136.61	198.99	190.30	8.69	22.888	
900.00	894.44	916.17	913.52	4.16	4.11	174.65	-48.11	126.26	209.22	200.19	9.03	23.162	
1,000.00	991.46	1,015.14	1,011.91	4.43	4.30	175.68	-45.58	115.97	222.97	213.56	9.41	23.694	
1,100.00	1,087.73	1,113.65	1,109.86	4.76	4.51	176.65	-43.06	105.72	239.71	229.89	9.82	24.405	
1,200.00	1,183.91	1,212.10	1,207.74	5.12	4.73	177.51	-40.55	95.48	256.85	246.60	10.25	25.051	
1,300.00	1,280.08	1,310.55	1,305.63	5.51	4.96	178.25	-38.03	85.23	274.05	263.34	10.71	25.589	
1,400.00	1,376.25	1,409.00	1,403.51	5.93	5.20	178.91	-35.51	74.99	291.28	280.09	11.19	26.037	
1,500.00	1,472.43	1,507.46	1,501.40	6.36	5.44	179.50	-33.00	64.75	308.55	296.87	11.68	26.407	
1,600.00	1,568.60	1,605.91	1,599.28	6.80	5.69	-179.98	-30.48	54.51	325.85	313.65	12.20	26.713	
1,700.00	1,664.78	1,704.36	1,697.17	7.26	5.95	-179.51	-27.97	44.26	343.16	330.44	12.72	26.977	
1,800.00	1,760.95	1,802.81	1,795.05	7.51	6.08	-179.08	-25.45	34.02	360.50	347.87	12.63	28.544	
1,900.00	1,857.12	1,901.26	1,892.94	7.60	6.11	-178.69	-22.93	23.78	377.86	365.19	12.67	29.820	
2,000.00	1,953.30	2,000.29	1,990.82	7.71	6.15	-178.34	-20.42	13.53	395.23	382.49	12.75	31.003	
2,100.00	2,049.47	2,101.84	2,088.71	7.86	6.21	-178.02	-17.90	3.29	412.62	399.76	12.86	32.083	
2,200.00	2,145.65	2,203.38	2,186.59	8.04	6.29	-177.72	-15.39	-6.95	430.02	417.01	13.01	33.057	
2,300.00	2,241.82	2,304.93	2,284.48	8.26	6.38	-177.45	-12.87	-17.19	447.43	434.24	13.19	33.924	
2,400.00	2,337.99	2,406.48	2,382.36	8.50	6.49	-177.20	-10.36	-27.44	464.84	451.44	13.40	34.686	
2,500.00	2,434.17	2,491.97	2,480.25	8.76	6.59	-176.96	-7.84	-37.68	482.27	468.64	13.63	35.389	
2,600.00	2,530.34	2,609.58	2,578.13	9.05	6.75	-176.74	-5.32	-47.92	499.70	485.78	13.92	35.907	
2,700.00	2,626.52	2,688.87	2,676.02	9.36	6.86	-176.54	-2.81	-58.17	517.14	502.95	14.19	36.453	
2,800.00	2,722.69	2,787.33	2,773.90	9.69	7.01	-176.35	-0.29	-68.41	534.58	520.08	14.50	36.858	
2,900.00	2,818.87	2,885.78	2,871.79	10.04	7.18	-176.17	2.22	-78.65	552.03	537.19	14.84	37.187	
3,000.00	2,915.04	2,984.23	2,969.67	10.40	7.35	-176.00	4.74	-88.89	569.49	554.28	15.21	37.448	
3,100.00	3,011.21	3,082.68	3,067.56	10.78	7.53	-175.84	7.25	-99.14	586.95	571.36	15.59	37.649	
3,200.00	3,107.39	3,181.13	3,165.44	11.16	7.72	-175.70	9.77	-109.38	604.41	588.42	15.99	37.796	
3,300.00	3,203.56	3,279.58	3,263.33	11.56	7.92	-175.56	12.29	-119.62	621.88	605.47	16.41	37.897	
3,400.00	3,299.74	3,378.04	3,361.21	11.97	8.13	-175.42	14.80	-129.87	639.35	622.51	16.84	37.956	
3,500.00	3,395.91	3,476.49	3,459.10	12.39	8.34	-175.30	17.32	-140.11	656.82	639.53	17.29	37.981	
3,600.00	3,492.08	3,574.94	3,556.98	12.82	8.56	-175.18	19.83	-150.35	674.30	656.54	17.76	37.975	
3,700.00	3,588.26	3,673.39	3,654.87	13.25	8.79	-175.07	22.35	-160.59	691.78	673.55	18.23	37.944	
3,800.00	3,684.43	3,771.84	3,752.75	13.69	9.02	-174.96	24.87	-170.84	709.26	690.54	18.72	37.891	
3,900.00	3,780.61	3,870.29	3,850.64	14.14	9.25	-174.86	27.38	-181.08	726.75	707.53	19.22	37.820	
4,000.00	3,876.78	3,968.74	3,948.52	14.59	9.49	-174.76	29.90	-191.32	744.23	724.51	19.72	37.734	
4,100.00	3,972.96	4,067.20	4,046.41	15.05	9.74	-174.67	32.41	-201.57	761.72	741.48	20.24	37.635	
4,200.00	4,069.13	4,165.65	4,144.29	15.51	9.98	-174.58	34.93	-211.81	779.21	758.45	20.76	37.526	
4,300.00	4,165.30	4,264.10	4,242.18	15.98	10.24	-174.49	37.44	-222.05	796.70	775.41	21.30	37.409	
4,400.00	4,261.48	4,362.55	4,340.06	16.45	10.49	-174.41	39.96	-232.29	814.20	792.36	21.84	37.285	
4,500.00	4,357.65	4,461.00	4,437.95	16.93	10.75	-174.33	42.48	-242.54	831.69	809.31	22.38	37.156	
4,600.00	4,453.83	4,559.45	4,535.83	17.40	11.01	-174.26	44.99	-252.78	849.19	826.25	22.94	37.023	
4,700.00	4,550.00	4,657.91	4,633.72	17.88	11.28	-174.19	47.51	-263.02	866.69	843.19	23.50	36.888	
4,800.00	4,646.17	4,756.36	4,731.60	18.37	11.54	-174.12	50.02	-273.27	884.18	860.13	24.06	36.751	
4,900.00	4,742.35	4,854.81	4,829.49	18.85	11.81	-174.05	52.54	-283.51	901.69	877.06	24.63	36.612	
5,000.00	4,838.52	4,953.26	4,927.37	19.34	12.08	-173.99	55.06	-293.75	919.19	893.99	25.20	36.473	
5,100.00	4,934.70	5,051.71	5,025.26	19.83	12.36	-173.93	57.57	-303.99	936.69	910.91	25.78	36.334	
5,200.00	5,030.87	5,150.16	5,123.14	20.32	12.63	-173.87	60.09	-314.24	954.19	927.83	26.36	36.196	
5,300.00	5,127.04	5,248.62	5,221.03	20.81	12.91	-173.81	62.60	-324.48	971.70	944.75	26.95	36.059	
5,400.00	5,223.22	5,347.07	5,318.91	21.31	13.19	-173.76	65.12	-334.72	989.20	961.67	27.54	35.923	
5,500.00	5,319.39	5,445.52	5,416.80	21.81	13.47	-173.71	67.63	-344.97	1,006.71	978.58	28.13	35.788	
5,600.00	5,415.57	5,543.97	5,514.68	22.30	13.75	-173.65	70.15	-355.21	1,024.22	995.49	28.73	35.655	
5,700.00	5,511.74	5,642.42	5,612.57	22.80	14.04	-173.60	72.67	-365.45	1,041.72	1,012.40	29.32	35.524	
5,800.00	5,607.92	5,740.87	5,710.45	23.31	14.32	-173.56	75.18	-375.69	1,059.23	1,029.31	29.93	35.395	
5,900.00	5,704.09	5,839.32	5,808.34	23.81	14.61	-173.51	77.70	-385.94	1,076.74	1,046.21	30.53	35.268	
6,000.00	5,800.26	5,937.78	5,906.22	24.31	14.89	-173.47	80.21	-396.18	1,094.25	1,063.11	31.14	35.143	
6,100.00	5,896.44	6,036.23	6,004.11	24.82	15.18	-173.42	82.73	-406.42	1,111.76	1,080.01	31.75	35.020	
6,200.00	5,992.61	6,134.68	6,101.99	25.32	15.47	-173.38	85.24	-416.67	1,129.27	1,096.91	32.36	34.900	
6,300.00	6,088.79	6,233.13	6,199.88	25.83	15.76	-173.34	87.76	-426.91	1,146.78	1,113.81	32.97	34.782	
6,400.00	6,184.96	7,725.05	7,037.27	26.34	34.10	-133.30	105.61	-1,376.95	1,081.07	1,037.32	43.75	24.713	



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 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	6,281.16	7,748.58	7,037.21	26.83	34.68	-132.83	105.51	-1,400.48	1,015.51	968.92	46.58	21.799			
6,600.00	6,379.08	7,762.64	7,037.18	27.07	35.03	-157.44	105.45	-1,414.54	954.31	904.90	49.41	19.314			
6,700.00	6,478.03	7,761.05	7,037.18	27.21	34.99	149.63	105.45	-1,412.95	899.28	847.23	52.06	17.275			
6,800.00	6,575.56	7,743.86	7,037.23	27.30	34.57	125.82	105.53	-1,395.76	853.02	798.71	54.31	15.705			
6,900.00	6,669.27	7,711.49	7,037.31	27.38	33.77	116.97	105.67	-1,363.39	817.26	761.31	55.95	14.606			
7,000.00	6,756.86	7,664.73	7,037.43	27.49	32.64	111.46	105.87	-1,316.63	792.56	735.72	56.85	13.942			
7,100.00	6,836.17	7,604.74	7,037.58	27.69	31.20	106.56	106.13	-1,256.64	778.14	721.17	56.96	13.660	SF		
7,200.00	6,905.24	7,532.99	7,037.76	28.02	29.56	101.78	106.44	-1,184.89	772.03	715.55	56.49	13.667			
7,257.63	6,939.73	7,486.97	7,037.88	28.32	28.52	99.12	106.64	-1,138.87	771.27	715.22	56.06	13.759			
7,300.00	6,962.38	7,451.25	7,037.97	28.55	27.74	97.28	106.79	-1,103.15	771.60	715.94	55.66	13.864			
7,400.00	7,006.18	7,360.10	7,033.46	29.31	25.83	93.11	107.06	-1,012.19	773.96	719.24	54.72	14.145			
7,500.00	7,035.56	7,273.60	7,017.34	30.31	24.13	89.39	107.00	-927.26	777.63	723.46	54.18	14.354			
7,600.00	7,049.79	7,191.76	6,991.64	31.54	22.66	86.12	106.66	-849.63	782.17	728.13	54.04	14.475			
7,700.00	7,052.59	7,115.19	6,958.77	32.96	21.44	83.46	106.10	-780.53	788.08	733.82	54.26	14.524			
7,800.00	7,054.78	7,047.80	6,923.16	34.58	20.49	80.82	105.41	-723.36	798.55	743.75	54.80	14.572			
7,900.00	7,056.98	6,989.44	6,887.58	36.39	19.78	78.24	104.68	-677.12	814.95	759.43	55.52	14.677			
8,000.00	7,059.17	6,939.19	6,853.67	38.36	19.24	75.84	103.95	-640.07	838.13	781.85	56.28	14.893			
8,100.00	7,061.36	6,900.00	6,825.26	40.45	18.86	73.87	103.32	-613.09	868.50	811.49	57.01	15.234			
8,200.00	7,063.56	6,858.78	6,793.64	42.66	18.50	71.74	102.61	-586.66	906.04	848.53	57.51	15.755			
8,300.00	7,065.75	6,826.60	6,767.81	44.95	18.24	70.05	102.01	-567.48	950.47	892.56	57.90	16.415			
8,400.00	7,067.95	6,800.00	6,745.75	47.33	18.03	68.63	101.50	-552.64	1,001.26	943.11	58.14	17.220			
8,500.00	7,070.14	6,774.17	6,723.76	49.77	17.86	67.25	100.98	-539.11	1,057.78	999.55	58.23	18.165			
8,600.00	7,072.34	6,750.00	6,702.69	52.27	17.70	65.96	100.48	-527.27	1,119.41	1,061.21	58.20	19.235			
8,700.00	7,074.53	6,733.68	6,688.22	54.82	17.60	65.08	100.13	-519.73	1,185.48	1,127.37	58.12	20.399			

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	135.42	-181.42	178.76	254.69				
100.00	100.00	103.00	97.00	3.28	3.28	135.42	-181.42	178.76	254.69	247.16	7.53	33.834	
200.00	200.00	203.00	197.00	3.30	3.30	135.42	-181.42	178.76	254.69	247.12	7.57	33.646	CC, ES
200.00	200.00	203.00	197.00	3.30	3.30	135.42	-181.42	178.76	254.69	247.12	7.57	33.646	
300.00	300.00	296.10	296.10	3.35	3.34	-163.62	-181.73	178.56	255.19	247.54	7.65	33.359	SF
400.00	399.93	394.02	393.96	3.41	3.39	-163.11	-184.46	176.80	259.28	251.51	7.77	33.383	
500.00	499.68	491.47	491.18	3.50	3.47	-162.11	-189.96	173.25	267.52	259.59	7.93	33.727	
600.00	599.13	588.11	587.33	3.61	3.57	-160.72	-198.17	167.96	280.00	271.85	8.15	34.367	
700.00	698.15	683.67	682.01	3.75	3.70	-159.03	-208.95	161.01	296.81	288.39	8.41	35.273	
800.00	796.63	777.83	774.85	3.93	3.86	-157.17	-222.17	152.49	318.02	309.28	8.74	36.394	
900.00	894.44	873.83	869.17	4.16	4.06	-155.36	-237.21	142.80	343.24	334.12	9.12	37.627	
1,000.00	991.46	969.44	963.10	4.43	4.28	-153.97	-252.20	133.14	371.70	362.14	9.56	38.887	
1,100.00	1,087.73	1,064.35	1,056.34	4.76	4.53	-153.05	-267.08	123.55	402.80	392.76	10.04	40.116	
1,200.00	1,183.91	1,159.16	1,149.49	5.12	4.79	-152.40	-281.95	113.97	434.26	423.72	10.55	41.170	
1,300.00	1,280.08	1,253.98	1,242.65	5.51	5.07	-151.84	-296.81	104.39	465.77	454.68	11.09	42.003	
1,400.00	1,376.25	1,348.80	1,335.80	5.93	5.37	-151.35	-311.68	94.81	497.30	485.65	11.66	42.653	
1,500.00	1,472.43	1,443.61	1,428.95	6.36	5.67	-150.92	-326.55	85.23	528.87	516.62	12.25	43.163	
1,600.00	1,568.60	1,538.43	1,522.10	6.80	5.98	-150.54	-341.41	75.65	560.46	547.59	12.87	43.550	
1,700.00	1,664.78	1,633.24	1,615.25	7.26	6.31	-150.20	-356.28	66.07	592.07	578.57	13.50	43.846	
1,800.00	1,760.95	1,728.06	1,708.41	7.51	6.59	-149.89	-371.14	56.49	623.70	609.93	13.77	45.296	
1,900.00	1,857.12	1,822.88	1,801.56	7.60	6.74	-149.61	-386.01	46.91	655.34	641.56	13.78	47.554	
2,000.00	1,953.30	1,917.69	1,894.71	7.71	6.79	-149.36	-400.88	37.33	687.00	673.10	13.89	49.443	
2,100.00	2,049.47	2,012.51	1,987.86	7.86	6.86	-149.13	-415.74	27.75	718.66	704.61	14.05	51.142	
2,200.00	2,145.65	2,107.33	2,081.01	8.04	6.96	-148.92	-430.61	18.17	750.34	736.09	14.25	52.649	
2,300.00	2,241.82	2,202.14	2,174.17	8.26	7.07	-148.72	-445.47	8.59	782.02	767.53	14.49	53.962	
2,400.00	2,337.99	2,303.04	2,267.32	8.50	7.21	-148.55	-460.34	-0.99	813.72	798.94	14.78	55.056	
2,500.00	2,434.17	2,408.23	2,360.47	8.76	7.38	-148.38	-475.20	-10.57	845.41	830.30	15.11	55.939	
2,600.00	2,530.34	2,486.59	2,453.62	9.05	7.52	-148.23	-490.07	-20.15	877.12	861.68	15.44	56.819	
2,700.00	2,626.52	2,581.41	2,546.77	9.36	7.71	-148.09	-504.94	-29.73	908.83	893.01	15.82	57.453	
2,800.00	2,722.69	2,676.22	2,639.93	9.69	7.90	-147.95	-519.80	-39.31	940.54	924.31	16.23	57.952	
2,900.00	2,818.87	2,771.04	2,733.08	10.04	8.12	-147.83	-534.67	-48.89	972.26	955.59	16.67	58.331	
3,000.00	2,915.04	2,865.85	2,826.23	10.40	8.34	-147.71	-549.53	-58.47	1,003.98	986.85	17.13	58.605	
3,100.00	3,011.21	2,960.67	2,919.38	10.78	8.58	-147.60	-564.40	-68.05	1,035.71	1,018.09	17.62	58.788	
3,200.00	3,107.39	3,055.49	3,012.54	11.16	8.82	-147.50	-579.27	-77.64	1,067.44	1,049.31	18.13	58.892	
3,300.00	3,203.56	3,150.30	3,105.69	11.56	9.08	-147.40	-594.13	-87.22	1,099.17	1,080.52	18.65	58.930	
3,400.00	3,299.74	3,245.12	3,198.84	11.97	9.34	-147.31	-609.00	-96.80	1,130.90	1,111.71	19.20	58.910	
3,500.00	3,395.91	3,339.93	3,291.99	12.39	9.62	-147.22	-623.86	-106.38	1,162.64	1,142.88	19.76	58.843	
3,600.00	3,492.08	3,434.75	3,385.14	12.82	9.90	-147.14	-638.73	-115.96	1,194.38	1,174.04	20.33	58.737	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	132.08	-161.38	178.76	240.83				
100.00	100.00	103.00	97.00	3.28	3.28	132.08	-161.38	178.76	240.83	233.30	7.53	31.993	
200.00	200.00	203.00	197.00	3.30	3.30	132.08	-161.38	178.76	240.83	233.26	7.57	31.815	CC, ES
200.00	200.00	203.00	197.00	3.30	3.30	132.08	-161.38	178.76	240.83	233.26	7.57	31.815	
300.00	300.00	296.83	296.83	3.35	3.34	-166.95	-161.68	178.51	241.27	233.62	7.65	31.538	
400.00	399.93	396.33	396.27	3.41	3.40	-166.34	-164.26	176.37	244.83	237.06	7.77	31.517	SF
500.00	499.68	495.40	495.10	3.50	3.48	-165.13	-169.47	172.05	252.02	244.09	7.94	31.760	
600.00	599.13	593.74	592.92	3.61	3.58	-163.44	-177.23	165.60	262.99	254.83	8.15	32.252	
700.00	698.15	691.09	689.35	3.75	3.71	-161.39	-187.46	157.11	277.88	269.45	8.43	32.971	
800.00	796.63	788.50	785.50	3.93	3.88	-159.28	-199.47	147.14	296.68	287.92	8.76	33.869	
900.00	894.44	885.65	881.38	4.16	4.08	-157.58	-211.51	137.15	318.97	309.82	9.14	34.882	
1,000.00	991.46	982.12	976.59	4.43	4.29	-156.28	-223.46	127.22	344.54	334.97	9.58	35.977	
1,100.00	1,087.73	1,077.93	1,071.16	4.76	4.53	-155.43	-235.34	117.36	372.82	362.76	10.05	37.085	
1,200.00	1,183.91	1,173.66	1,165.64	5.12	4.78	-154.81	-247.20	107.51	401.45	390.89	10.55	38.041	
1,300.00	1,280.08	1,269.39	1,260.12	5.51	5.04	-154.27	-259.07	97.66	430.11	419.03	11.09	38.800	
1,400.00	1,376.25	1,365.12	1,354.59	5.93	5.32	-153.80	-270.93	87.81	458.81	447.17	11.65	39.398	
1,500.00	1,472.43	1,460.85	1,449.07	6.36	5.60	-153.39	-282.80	77.96	487.54	475.31	12.23	39.867	
1,600.00	1,568.60	1,556.58	1,543.55	6.80	5.90	-153.02	-294.66	68.11	516.28	503.45	12.83	40.229	
1,700.00	1,664.78	1,652.31	1,638.03	7.26	6.20	-152.69	-306.53	58.26	545.04	531.59	13.46	40.507	
1,800.00	1,760.95	1,748.04	1,732.51	7.51	6.44	-152.39	-318.39	48.41	573.82	560.14	13.68	41.947	
1,900.00	1,857.12	1,843.77	1,826.99	7.60	6.55	-152.12	-330.26	38.56	602.61	588.95	13.66	44.127	
2,000.00	1,953.30	1,939.50	1,921.47	7.71	6.59	-151.88	-342.12	28.71	631.41	617.64	13.77	45.858	
2,100.00	2,049.47	2,035.23	2,015.95	7.86	6.66	-151.66	-353.99	18.86	660.22	646.30	13.92	47.417	
2,200.00	2,145.65	2,130.96	2,110.43	8.04	6.75	-151.45	-365.85	9.01	689.04	674.92	14.12	48.801	
2,300.00	2,241.82	2,226.69	2,204.91	8.26	6.86	-151.27	-377.72	-0.84	717.86	703.51	14.35	50.011	
2,400.00	2,337.99	2,322.42	2,299.39	8.50	6.98	-151.09	-389.58	-10.69	746.70	732.07	14.63	51.051	
2,500.00	2,434.17	2,418.15	2,393.87	8.76	7.12	-150.93	-401.45	-20.54	775.53	760.60	14.93	51.930	
2,600.00	2,530.34	2,513.88	2,488.35	9.05	7.27	-150.78	-413.31	-30.39	804.38	789.10	15.28	52.660	
2,700.00	2,626.52	2,609.61	2,582.83	9.36	7.44	-150.65	-425.18	-40.24	833.23	817.58	15.65	53.256	
2,800.00	2,722.69	2,705.34	2,677.31	9.69	7.62	-150.52	-437.04	-50.09	862.08	846.03	16.05	53.721	
2,900.00	2,818.87	2,801.07	2,771.79	10.04	7.82	-150.40	-448.91	-59.94	890.93	874.46	16.47	54.080	
3,000.00	2,915.04	2,903.20	2,866.27	10.40	8.04	-150.28	-460.77	-69.79	919.79	902.85	16.94	54.295	
3,100.00	3,011.21	3,007.47	2,960.75	10.78	8.28	-150.18	-472.64	-79.64	948.65	931.22	17.44	54.409	
3,200.00	3,107.39	3,088.26	3,055.23	11.16	8.48	-150.08	-484.50	-89.50	977.52	959.62	17.90	54.619	
3,300.00	3,203.56	3,183.99	3,149.71	11.56	8.71	-149.98	-496.37	-99.35	1,006.39	987.98	18.41	54.660	
3,400.00	3,299.74	3,279.72	3,244.19	11.97	8.96	-149.89	-508.23	-109.20	1,035.26	1,016.31	18.94	54.649	
3,500.00	3,395.91	3,375.45	3,338.67	12.39	9.21	-149.81	-520.09	-119.05	1,064.13	1,044.64	19.49	54.593	
3,600.00	3,492.08	3,471.18	3,433.15	12.82	9.47	-149.73	-531.96	-128.90	1,093.00	1,072.95	20.05	54.501	
3,700.00	3,588.26	3,566.91	3,527.63	13.25	9.74	-149.65	-543.82	-138.75	1,121.88	1,101.25	20.63	54.378	
3,800.00	3,684.43	3,662.64	3,622.11	13.69	10.02	-149.58	-555.69	-148.60	1,150.76	1,129.54	21.22	54.231	
3,900.00	3,780.61	3,758.37	3,716.59	14.14	10.29	-149.51	-567.55	-158.45	1,179.64	1,157.82	21.82	54.063	

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1		Offset Site Error:		0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
0.00	0.00	1.00	-1.00	3.28	3.28	-179.56	-179.97	-1.39	179.98							
100.00	100.00	101.00	99.00	3.28	3.28	-179.56	-179.97	-1.39	179.98	172.45	7.53	23.910				
200.00	200.00	201.00	199.00	3.30	3.30	-179.56	-179.97	-1.39	179.98	172.41	7.57	23.778	CC, ES			
200.00	200.00	201.00	199.00	3.30	3.30	-179.56	-179.97	-1.39	179.98	172.41	7.57	23.778				
300.00	300.00	297.33	297.33	3.35	3.34	-118.66	-180.19	-1.72	180.41	172.76	7.65	23.581	SF			
400.00	399.93	393.83	393.76	3.41	3.40	-118.69	-181.97	-4.40	183.96	176.19	7.77	23.685				
500.00	499.68	490.05	489.77	3.50	3.47	-118.73	-185.55	-9.75	191.06	183.13	7.93	24.096				
600.00	599.13	585.84	585.07	3.61	3.57	-118.78	-190.88	-17.75	201.69	193.55	8.14	24.776				
700.00	698.15	681.00	679.38	3.75	3.70	-118.81	-197.93	-28.31	215.83	207.42	8.41	25.673				
800.00	796.63	775.38	772.44	3.93	3.87	-118.82	-206.63	-41.36	233.43	224.69	8.73	26.724				
900.00	894.44	868.83	864.03	4.16	4.07	-118.80	-216.91	-56.78	254.43	245.30	9.13	27.865				
1,000.00	991.46	961.19	953.91	4.43	4.32	-118.74	-228.70	-74.46	278.79	269.19	9.60	29.032				
1,100.00	1,087.73	1,052.40	1,041.95	4.76	4.60	-118.83	-241.91	-94.27	306.19	296.05	10.15	30.172				
1,200.00	1,183.91	1,147.82	1,133.59	5.12	4.95	-118.89	-256.68	-116.41	334.70	323.92	10.78	31.051				
1,300.00	1,280.08	1,243.67	1,225.63	5.51	5.32	-118.93	-271.52	-138.66	363.21	351.75	11.46	31.690				
1,400.00	1,376.25	1,339.52	1,317.67	5.93	5.72	-118.98	-286.35	-160.91	391.72	379.54	12.18	32.149				
1,500.00	1,472.43	1,435.37	1,409.72	6.36	6.14	-119.01	-301.19	-183.15	420.23	407.29	12.94	32.476				
1,600.00	1,568.60	1,531.22	1,501.76	6.80	6.58	-119.04	-316.03	-205.40	448.74	435.02	13.72	32.698				
1,700.00	1,664.78	1,627.07	1,593.80	7.26	7.02	-119.07	-330.87	-227.65	477.25	462.72	14.53	32.845				
1,800.00	1,760.95	1,722.92	1,685.85	7.51	7.43	-119.10	-345.70	-249.90	505.77	490.84	14.93	33.880				
1,900.00	1,857.12	1,818.77	1,777.89	7.60	7.65	-119.12	-360.54	-272.14	534.28	519.26	15.02	35.568				
2,000.00	1,953.30	1,914.62	1,869.93	7.71	7.73	-119.14	-375.38	-294.39	562.79	547.60	15.19	37.046				
2,100.00	2,049.47	2,010.46	1,961.98	7.86	7.85	-119.16	-390.21	-316.64	591.30	575.88	15.42	38.340				
2,200.00	2,145.65	2,106.31	2,054.02	8.04	8.01	-119.17	-405.05	-338.88	619.81	604.10	15.71	39.452				
2,300.00	2,241.82	2,202.16	2,146.06	8.26	8.19	-119.19	-419.89	-361.13	648.32	632.27	16.05	40.386				
2,400.00	2,337.99	2,301.99	2,238.11	8.50	8.41	-119.20	-434.73	-383.38	676.84	660.38	16.46	41.132				
2,500.00	2,434.17	2,406.14	2,330.15	8.76	8.67	-119.21	-449.56	-405.63	705.35	688.43	16.92	41.696				
2,600.00	2,530.34	2,489.71	2,422.19	9.05	8.90	-119.22	-464.40	-427.87	733.86	716.49	17.37	42.242				
2,700.00	2,626.52	2,585.56	2,514.24	9.36	9.19	-119.23	-479.24	-450.12	762.37	744.47	17.90	42.598				
2,800.00	2,722.69	2,681.41	2,606.28	9.69	9.49	-119.24	-494.07	-472.37	790.88	772.43	18.46	42.849				
2,900.00	2,818.87	2,777.26	2,698.32	10.04	9.82	-119.25	-508.91	-494.62	819.40	800.35	19.05	43.011				
3,000.00	2,915.04	2,873.11	2,790.37	10.40	10.16	-119.26	-523.75	-516.86	847.91	828.23	19.67	43.098				
3,100.00	3,011.21	2,968.96	2,882.41	10.78	10.51	-119.27	-538.59	-539.11	876.42	856.10	20.32	43.122				
3,200.00	3,107.39	3,064.81	2,974.45	11.16	10.88	-119.28	-553.42	-561.36	904.93	883.93	21.00	43.094				
3,300.00	3,203.56	3,160.65	3,066.50	11.56	11.26	-119.28	-568.26	-583.61	933.44	911.75	21.70	43.024				
3,400.00	3,299.74	3,256.50	3,158.54	11.97	11.65	-119.29	-583.10	-605.85	961.96	939.54	22.41	42.920				
3,500.00	3,395.91	3,352.35	3,250.58	12.39	12.06	-119.30	-597.93	-628.10	990.47	967.32	23.15	42.788				
3,600.00	3,492.08	3,448.20	3,342.63	12.82	12.47	-119.30	-612.77	-650.35	1,018.98	995.08	23.90	42.636				
3,700.00	3,588.26	3,544.05	3,434.67	13.25	12.89	-119.31	-627.61	-672.59	1,047.49	1,022.83	24.67	42.466				
3,800.00	3,684.43	3,639.90	3,526.71	13.69	13.31	-119.31	-642.45	-694.84	1,076.00	1,050.56	25.45	42.285				
3,900.00	3,780.61	3,735.75	3,618.76	14.14	13.75	-119.32	-657.28	-717.09	1,104.52	1,078.28	26.24	42.094				
4,000.00	3,876.78	3,831.60	3,710.80	14.59	14.19	-119.32	-672.12	-739.34	1,133.03	1,105.99	27.04	41.898				
4,100.00	3,972.96	3,927.45	3,802.84	15.05	14.63	-119.33	-686.96	-761.58	1,161.54	1,133.68	27.86	41.697				
4,200.00	4,069.13	4,023.30	3,894.89	15.51	15.08	-119.33	-701.79	-783.83	1,190.05	1,161.37	28.68	41.494				

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	1.00	-1.00	3.28	3.28	-179.60	-159.92	-1.11	159.93						
100.00	100.00	101.00	99.00	3.28	3.28	-179.60	-159.92	-1.11	159.93	152.40	7.53	21.246			
200.00	200.00	201.00	199.00	3.30	3.30	-179.60	-159.92	-1.11	159.93	152.36	7.57	21.129	CC, ES		
200.42	200.42	200.58	199.42	3.30	3.30	-179.60	-159.92	-1.11	159.93	152.36	7.57	21.129			
300.00	300.00	297.72	297.72	3.35	3.34	-118.70	-160.11	-1.46	160.33	152.68	7.65	20.956	SF		
400.00	399.93	395.02	394.96	3.41	3.40	-118.68	-161.66	-4.35	163.62	155.85	7.77	21.062			
500.00	499.68	492.10	491.81	3.50	3.48	-118.63	-164.77	-10.12	170.21	162.28	7.93	21.457			
600.00	599.13	588.78	588.00	3.61	3.58	-118.55	-169.41	-18.73	180.08	171.93	8.15	22.102			
700.00	698.15	684.94	683.27	3.75	3.71	-118.43	-175.55	-30.13	193.20	184.78	8.42	22.949			
800.00	796.63	780.41	777.38	3.93	3.88	-118.29	-183.14	-44.22	209.54	200.78	8.75	23.937			
900.00	894.44	875.07	870.12	4.16	4.09	-118.10	-192.12	-60.92	229.05	219.88	9.16	25.003			
1,000.00	991.46	968.79	961.27	4.43	4.34	-117.89	-202.45	-80.09	251.68	242.03	9.65	26.087			
1,100.00	1,087.73	1,062.36	1,051.53	4.76	4.64	-117.82	-214.13	-101.79	277.10	266.88	10.22	27.122			
1,200.00	1,183.91	1,158.91	1,144.41	5.12	4.99	-117.83	-226.63	-125.01	303.15	292.28	10.87	27.900			
1,300.00	1,280.08	1,255.46	1,237.29	5.51	5.37	-117.84	-239.13	-148.23	329.19	317.63	11.56	28.470			
1,400.00	1,376.25	1,352.00	1,330.17	5.93	5.77	-117.85	-251.64	-171.44	355.23	342.93	12.30	28.878			
1,500.00	1,472.43	1,448.55	1,423.05	6.36	6.19	-117.86	-264.14	-194.66	381.28	368.21	13.07	29.168			
1,600.00	1,568.60	1,545.10	1,515.92	6.80	6.62	-117.86	-276.64	-217.88	407.32	393.45	13.87	29.366			
1,700.00	1,664.78	1,641.65	1,608.80	7.26	7.07	-117.87	-289.14	-241.10	433.37	418.68	14.69	29.498			
1,800.00	1,760.95	1,738.20	1,701.68	7.51	7.44	-117.87	-301.64	-264.31	459.41	444.34	15.07	30.488			
1,900.00	1,857.12	1,834.75	1,794.56	7.60	7.63	-117.87	-314.14	-287.53	485.46	470.32	15.14	32.065			
2,000.00	1,953.30	1,931.30	1,887.44	7.71	7.72	-117.88	-326.64	-310.75	511.50	496.18	15.32	33.390			
2,100.00	2,049.47	2,027.85	1,980.31	7.86	7.85	-117.88	-339.15	-333.97	537.55	521.99	15.56	34.548			
2,200.00	2,145.65	2,124.40	2,073.19	8.04	8.00	-117.88	-351.65	-357.18	563.59	547.73	15.86	35.539			
2,300.00	2,241.82	2,220.94	2,166.07	8.26	8.19	-117.88	-364.15	-380.40	589.63	573.42	16.21	36.371			
2,400.00	2,337.99	2,317.49	2,258.95	8.50	8.40	-117.89	-376.65	-403.62	615.68	599.06	16.62	37.052			
2,500.00	2,434.17	2,414.04	2,351.83	8.76	8.64	-117.89	-389.15	-426.84	641.72	624.65	17.07	37.596			
2,600.00	2,530.34	2,510.59	2,444.71	9.05	8.90	-117.89	-401.65	-450.06	667.77	650.20	17.56	38.017			
2,700.00	2,626.52	2,607.14	2,537.58	9.36	9.19	-117.89	-414.15	-473.27	693.81	675.71	18.10	38.330			
2,800.00	2,722.69	2,703.69	2,630.46	9.69	9.50	-117.89	-426.66	-496.49	719.86	701.18	18.67	38.551			
2,900.00	2,818.87	2,800.24	2,723.34	10.04	9.82	-117.90	-439.16	-519.71	745.90	726.62	19.28	38.689			
3,000.00	2,915.04	2,903.21	2,816.22	10.40	10.19	-117.90	-451.66	-542.93	771.95	752.01	19.94	38.719			
3,100.00	3,011.21	3,006.66	2,909.10	10.78	10.57	-117.90	-464.16	-566.14	797.99	777.36	20.62	38.690			
3,200.00	3,107.39	3,089.88	3,001.97	11.16	10.89	-117.90	-476.66	-589.36	824.03	802.77	21.27	38.747			
3,300.00	3,203.56	3,186.43	3,094.85	11.56	11.27	-117.90	-489.16	-612.58	850.08	828.10	21.98	38.680			
3,400.00	3,299.74	3,282.98	3,187.73	11.97	11.66	-117.90	-501.66	-635.80	876.12	853.42	22.71	38.583			
3,500.00	3,395.91	3,379.53	3,280.61	12.39	12.06	-117.90	-514.17	-659.01	902.17	878.71	23.46	38.463			
3,600.00	3,492.08	3,476.08	3,373.49	12.82	12.47	-117.90	-526.67	-682.23	928.21	903.99	24.22	38.324			
3,700.00	3,588.26	3,572.63	3,466.36	13.25	12.89	-117.91	-539.17	-705.45	954.26	929.26	25.00	38.170			
3,800.00	3,684.43	3,669.18	3,559.24	13.69	13.32	-117.91	-551.67	-728.67	980.30	954.51	25.79	38.006			
3,900.00	3,780.61	3,765.73	3,652.12	14.14	13.75	-117.91	-564.17	-751.88	1,006.35	979.75	26.60	37.835			
4,000.00	3,876.78	3,862.28	3,745.00	14.59	14.19	-117.91	-576.67	-775.10	1,032.39	1,004.98	27.42	37.658			
4,100.00	3,972.96	3,958.82	3,837.88	15.05	14.63	-117.91	-589.17	-798.32	1,058.43	1,030.19	28.24	37.478			
4,200.00	4,069.13	4,055.37	3,930.75	15.51	15.08	-117.91	-601.68	-821.54	1,084.48	1,055.40	29.08	37.296			
4,300.00	4,165.30	4,151.92	4,023.63	15.98	15.53	-117.91	-614.18	-844.76	1,110.52	1,080.60	29.92	37.113			
4,400.00	4,261.48	4,248.47	4,116.51	16.45	15.99	-117.91	-626.68	-867.97	1,136.57	1,105.79	30.78	36.931			
4,500.00	4,357.65	4,345.02	4,209.39	16.93	16.45	-117.91	-639.18	-891.19	1,162.61	1,130.98	31.63	36.751			
4,600.00	4,453.83	4,441.57	4,302.27	17.40	16.91	-117.91	-651.68	-914.41	1,188.66	1,156.16	32.50	36.573			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.73	-60.11	-0.28	60.11				
100.00	100.00	100.00	100.00	3.28	3.28	-179.73	-60.11	-0.28	60.11	52.58	7.53	7.985	
200.00	200.00	200.00	200.00	3.30	3.30	-179.73	-60.11	-0.28	60.11	52.54	7.57	7.941	
200.00	200.00	200.00	200.00	3.30	3.30	-179.73	-60.11	-0.28	60.11	52.54	7.57	7.941	CC, ES
300.00	300.00	300.10	300.10	3.35	3.34	-118.78	-60.06	-0.71	60.27	52.62	7.65	7.876	
400.00	399.93	400.30	400.23	3.41	3.41	-118.37	-59.69	-4.20	61.61	53.83	7.78	7.922	
500.00	499.68	500.45	500.13	3.50	3.49	-117.58	-58.96	-11.16	64.29	56.34	7.95	8.088	
600.00	599.13	600.52	599.65	3.61	3.61	-116.53	-57.87	-21.58	68.32	60.14	8.17	8.357	
700.00	698.15	700.50	698.64	3.75	3.75	-115.29	-56.41	-35.43	73.71	65.25	8.46	8.709	
800.00	796.63	800.34	796.96	3.93	3.93	-113.97	-54.60	-52.69	80.47	71.65	8.83	9.118	
900.00	894.44	900.03	894.46	4.16	4.16	-112.64	-52.43	-73.31	88.61	79.34	9.27	9.554	
1,000.00	991.46	999.56	991.25	4.43	4.43	-111.85	-50.00	-96.43	98.11	88.29	9.82	9.994	
1,100.00	1,087.73	1,101.01	1,087.88	4.76	4.75	-112.64	-47.56	-119.68	108.72	98.28	10.44	10.409	
1,200.00	1,183.91	1,201.61	1,184.50	5.12	5.08	-113.52	-45.11	-142.93	119.49	108.37	11.13	10.739	
1,300.00	1,280.08	1,302.21	1,281.11	5.51	5.44	-114.25	-42.67	-166.17	130.29	118.43	11.86	10.990	
1,400.00	1,376.25	1,402.80	1,377.73	5.93	5.82	-114.87	-40.23	-189.42	141.10	128.48	12.62	11.182	
1,500.00	1,472.43	1,503.40	1,474.34	6.36	6.21	-115.40	-37.78	-212.67	151.93	138.52	13.41	11.327	
1,600.00	1,568.60	1,604.00	1,570.96	6.80	6.61	-115.86	-35.34	-235.91	162.77	148.54	14.23	11.438	
1,700.00	1,664.78	1,704.60	1,667.58	7.26	7.01	-116.26	-32.90	-259.16	173.62	158.56	15.06	11.529	
1,800.00	1,760.95	1,805.19	1,764.19	7.51	7.23	-116.61	-30.45	-282.40	184.47	169.33	15.14	12.184	
1,900.00	1,857.12	1,905.79	1,860.81	7.60	7.30	-116.93	-28.01	-305.65	195.33	180.06	15.28	12.788	
2,000.00	1,953.30	2,006.39	1,957.42	7.71	7.40	-117.21	-25.57	-328.89	206.20	190.73	15.47	13.327	
2,100.00	2,049.47	2,106.98	2,054.04	7.86	7.53	-117.47	-23.12	-352.14	217.07	201.34	15.73	13.799	
2,200.00	2,145.65	2,207.58	2,150.65	8.04	7.69	-117.70	-20.68	-375.39	227.95	211.90	16.05	14.205	
2,300.00	2,241.82	2,308.18	2,247.27	8.26	7.87	-117.91	-18.24	-398.63	238.83	222.41	16.42	14.547	
2,400.00	2,337.99	2,408.78	2,343.89	8.50	8.07	-118.10	-15.79	-421.88	249.71	232.87	16.84	14.830	
2,500.00	2,434.17	2,509.37	2,440.50	8.76	8.30	-118.27	-13.35	-445.12	260.59	243.29	17.30	15.059	
2,600.00	2,530.34	2,609.97	2,537.12	9.05	8.55	-118.43	-10.91	-468.37	271.48	253.66	17.81	15.239	
2,700.00	2,626.52	2,689.43	2,633.73	9.36	8.76	-118.58	-8.46	-491.61	282.37	264.06	18.30	15.426	
2,800.00	2,722.69	2,788.84	2,730.35	9.69	9.04	-118.72	-6.02	-514.86	293.26	274.37	18.88	15.531	
2,900.00	2,818.87	2,888.24	2,826.96	10.04	9.34	-118.84	-3.58	-538.11	304.15	284.66	19.49	15.605	
3,000.00	2,915.04	2,987.64	2,923.58	10.40	9.65	-118.96	-1.13	-561.35	315.04	294.91	20.13	15.652	
3,100.00	3,011.21	3,087.05	3,020.20	10.78	9.97	-119.07	1.31	-584.60	325.93	305.14	20.79	15.676	
3,200.00	3,107.39	3,186.45	3,116.81	11.16	10.30	-119.18	3.75	-607.84	336.83	315.35	21.48	15.681	
3,300.00	3,203.56	3,285.85	3,213.43	11.56	10.65	-119.28	6.20	-631.09	347.72	325.54	22.19	15.671	
3,400.00	3,299.74	3,385.25	3,310.04	11.97	11.00	-119.37	8.64	-654.34	358.62	335.70	22.92	15.649	
3,500.00	3,395.91	3,484.66	3,406.66	12.39	11.37	-119.45	11.08	-677.58	369.52	345.86	23.66	15.616	
3,600.00	3,492.08	3,584.06	3,503.28	12.82	11.74	-119.53	13.53	-700.83	380.42	355.99	24.42	15.575	
3,700.00	3,588.26	3,683.46	3,599.89	13.25	12.11	-119.61	15.97	-724.07	391.32	366.12	25.20	15.528	
3,800.00	3,684.43	3,782.87	3,696.51	13.69	12.50	-119.68	18.41	-747.32	402.22	376.23	25.99	15.476	
3,900.00	3,780.61	3,882.27	3,793.12	14.14	12.89	-119.75	20.86	-770.56	413.12	386.33	26.79	15.420	
4,000.00	3,876.78	3,981.67	3,889.74	14.59	13.29	-119.82	23.30	-793.81	424.02	396.42	27.60	15.362	
4,100.00	3,972.96	4,081.07	3,986.35	15.05	13.69	-119.88	25.74	-817.06	434.92	406.50	28.42	15.301	
4,200.00	4,069.13	4,180.48	4,082.97	15.51	14.09	-119.94	28.18	-840.30	445.82	416.57	29.25	15.239	
4,300.00	4,165.30	4,279.88	4,179.59	15.98	14.50	-119.99	30.63	-863.55	456.72	426.63	30.09	15.177	
4,400.00	4,261.48	4,379.28	4,276.20	16.45	14.91	-120.04	33.07	-886.79	467.63	436.69	30.94	15.114	
4,500.00	4,357.65	4,478.69	4,372.82	16.93	15.33	-120.10	35.51	-910.04	478.53	446.74	31.79	15.051	
4,600.00	4,453.83	4,578.09	4,469.43	17.40	15.75	-120.14	37.96	-933.28	489.43	456.78	32.65	14.989	
4,700.00	4,550.00	4,677.49	4,566.05	17.88	16.17	-120.19	40.40	-956.53	500.34	466.82	33.52	14.927	
4,800.00	4,646.17	4,776.90	4,662.66	18.37	16.60	-120.23	42.84	-979.78	511.24	476.85	34.39	14.866	
4,900.00	4,742.35	4,876.30	4,759.28	18.85	17.03	-120.28	45.29	-1,003.02	522.15	486.88	35.27	14.806	
5,000.00	4,838.52	4,975.70	4,855.90	19.34	17.46	-120.32	47.73	-1,026.27	533.05	496.91	36.15	14.747	
5,100.00	4,934.70	5,075.10	4,952.51	19.83	17.89	-120.36	50.17	-1,049.51	543.96	506.93	37.03	14.689	
5,200.00	5,030.87	5,174.51	5,049.13	20.32	18.33	-120.40	52.62	-1,072.76	554.86	516.94	37.92	14.633	
5,300.00	5,127.04	5,273.91	5,145.74	20.81	18.76	-120.43	55.06	-1,096.00	565.77	526.96	38.81	14.577	
5,400.00	5,223.22	5,373.31	5,242.36	21.31	19.20	-120.47	57.50	-1,119.25	576.67	536.97	39.71	14.523	
5,500.00	5,319.39	5,472.72	5,338.98	21.81	19.64	-120.50	59.95	-1,142.50	587.58	546.97	40.61	14.470	
5,600.00	5,415.57	5,572.12	5,435.59	22.30	20.08	-120.53	62.39	-1,165.74	598.49	556.98	41.51	14.418	
5,700.00	5,511.74	5,671.52	5,532.21	22.80	20.53	-120.56	64.83	-1,188.99	609.39	566.98	42.42	14.367	
5,800.00	5,607.92	5,770.92	5,628.82	23.31	20.97	-120.59	67.28	-1,212.23	620.30	576.98	43.32	14.318	
5,900.00	5,704.09	5,870.33	5,725.44	23.81	21.42	-120.62	69.72	-1,235.48	631.21	586.97	44.23	14.270	
6,000.00	5,800.26	5,969.73	5,822.05	24.31	21.86	-120.65	72.16	-1,258.73	642.11	596.97	45.15	14.223	
6,100.00	5,896.44	6,069.13	5,918.67	24.82	22.31	-120.68	74.61	-1,281.97	653.02	606.96	46.06	14.177	
6,200.00	5,992.61	6,168.54	6,015.29	25.32	22.76	-120.70	77.05	-1,305.22	663.93	616.95	46.98	14.133	
6,300.00	6,088.79	6,267.94	6,111.90	25.83	23.21	-120.73	79.49	-1,328.46	674.84	626.94	47.90	14.090	
6,400.00	6,184.96	6,367.34	6,208.52	26.34	23.66	-120.75	81.94	-1,351.71	685.74	636.93	48.82	14.047	

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	6,281.16	6,466.74	6,305.13	26.83	24.11	-122.91	84.38	-1,374.95	696.65	646.92	49.73	14.009	
6,600.00	6,379.08	6,565.02	6,400.72	27.07	24.52	-155.68	86.80	-1,397.65	707.44	656.99	50.45	14.021	
6,700.00	6,478.03	6,661.47	6,496.24	27.21	24.70	145.69	89.20	-1,410.13	718.42	667.52	50.91	14.112	
6,800.00	6,575.56	6,760.06	6,594.67	27.30	24.81	118.59	91.65	-1,407.84	729.55	678.31	51.24	14.238	
6,900.00	6,669.27	6,861.02	6,693.86	27.38	24.87	108.70	94.10	-1,389.79	740.55	689.03	51.52	14.373	
7,000.00	6,756.86	6,964.53	6,791.29	27.49	24.96	104.08	96.48	-1,355.24	751.15	699.30	51.85	14.487	
7,100.00	6,836.17	7,070.74	6,884.09	27.69	25.12	101.57	98.72	-1,303.89	761.03	708.70	52.33	14.543	
7,200.00	6,905.24	7,179.66	6,969.05	28.02	25.44	100.10	100.74	-1,235.98	769.90	716.82	53.09	14.503	
7,300.00	6,962.38	7,291.19	7,042.76	28.55	25.99	99.23	102.46	-1,152.48	777.47	723.21	54.26	14.328	
7,400.00	7,006.18	7,405.08	7,101.84	29.31	26.88	98.72	103.79	-1,055.30	783.45	727.47	55.98	13.996	
7,500.00	7,035.56	7,520.90	7,143.21	30.31	28.14	98.47	104.66	-947.30	787.63	729.34	58.29	13.513	
7,600.00	7,049.79	7,638.07	7,164.50	31.54	29.71	98.41	105.03	-832.24	789.82	728.70	61.12	12.922	
7,700.00	7,052.59	7,744.84	7,168.25	32.96	31.38	98.42	104.97	-725.56	790.32	726.04	64.28	12.295	
7,800.00	7,054.78	7,844.84	7,170.28	34.58	33.11	98.41	104.88	-625.58	790.67	722.94	67.73	11.674	
7,900.00	7,056.98	7,944.84	7,172.31	36.39	35.01	98.39	104.78	-525.60	791.01	719.52	71.49	11.064	
8,000.00	7,059.17	8,044.84	7,174.34	38.36	37.04	98.37	104.69	-425.63	791.36	715.83	75.53	10.477	
8,100.00	7,061.36	8,144.84	7,176.37	40.45	39.20	98.36	104.59	-325.65	791.71	711.91	79.80	9.921	
8,200.00	7,063.56	8,244.84	7,178.39	42.66	41.46	98.34	104.50	-225.67	792.05	707.79	84.26	9.400	
8,300.00	7,065.75	8,344.84	7,180.42	44.95	43.80	98.33	104.41	-125.69	792.40	703.51	88.89	8.915	
8,400.00	7,067.95	8,444.84	7,182.45	47.33	46.21	98.31	104.31	-25.71	792.74	699.09	93.66	8.464	
8,500.00	7,070.14	8,544.84	7,184.48	49.77	48.68	98.30	104.22	74.27	793.09	694.54	98.55	8.048	
8,600.00	7,072.34	8,644.84	7,186.51	52.27	51.21	98.28	104.13	174.25	793.44	689.90	103.54	7.663	
8,700.00	7,074.53	8,744.84	7,188.54	54.82	53.78	98.26	104.03	274.22	793.78	685.16	108.62	7.308	
8,800.00	7,076.72	8,844.84	7,190.57	57.40	56.39	98.25	103.94	374.20	794.13	680.35	113.78	6.980	
8,900.00	7,078.92	8,944.83	7,192.59	60.03	59.03	98.23	103.84	474.18	794.48	675.47	119.00	6.676	
9,000.00	7,081.11	9,044.83	7,194.62	62.68	61.70	98.22	103.75	574.16	794.82	670.53	124.29	6.395	
9,100.00	7,083.31	9,144.83	7,196.65	65.37	64.40	98.19	103.66	674.13	793.95	664.32	129.63	6.125	
9,200.00	7,085.51	9,244.82	7,198.68	68.08	67.12	98.19	103.56	774.10	792.62	657.61	135.01	5.871	
9,300.00	7,087.71	9,344.81	7,200.71	70.82	69.85	98.20	103.47	874.07	791.29	650.86	140.43	5.635	
9,400.00	7,089.91	9,444.80	7,202.74	73.57	72.61	98.20	103.38	974.04	789.97	644.08	145.89	5.415	
9,500.00	7,092.11	9,544.79	7,204.76	76.33	75.38	98.20	103.28	1,074.02	788.64	637.26	151.38	5.210	
9,600.00	7,094.31	9,644.78	7,206.79	79.11	78.17	98.20	103.19	1,173.99	787.31	630.41	156.89	5.018	
9,700.00	7,096.50	9,744.78	7,208.82	81.91	80.97	98.20	103.10	1,273.96	785.98	623.54	162.44	4.839	
9,800.00	7,098.70	9,844.77	7,210.85	84.71	83.78	98.20	103.00	1,373.93	784.65	616.65	168.00	4.671	
9,900.00	7,100.90	9,944.76	7,212.88	87.53	86.60	98.20	102.91	1,473.90	783.32	609.74	173.58	4.513	
10,000.00	7,103.10	10,044.75	7,214.91	90.35	89.43	98.21	102.81	1,573.87	781.99	602.81	179.19	4.364	
10,100.00	7,105.30	10,144.74	7,216.94	93.19	92.27	98.21	102.72	1,673.84	780.67	595.86	184.81	4.224	
10,200.00	7,107.50	10,244.73	7,218.96	96.03	95.11	98.21	102.63	1,773.81	779.34	588.89	190.44	4.092	
10,300.00	7,109.70	10,344.72	7,220.99	98.88	97.96	98.21	102.53	1,873.78	778.01	581.92	196.09	3.968	
10,400.00	7,111.90	10,444.71	7,223.02	101.74	100.82	98.21	102.44	1,973.75	776.68	574.92	201.76	3.850	
10,500.00	7,114.10	10,544.70	7,225.05	104.60	103.69	98.21	102.35	2,073.72	775.35	567.92	207.43	3.738	
10,600.00	7,116.30	10,644.70	7,227.08	107.47	106.56	98.21	102.25	2,173.69	774.02	560.91	213.11	3.632	
10,700.00	7,118.50	10,744.69	7,229.11	110.34	109.43	98.22	102.16	2,273.66	772.69	553.88	218.81	3.531	
10,800.00	7,120.70	10,844.68	7,231.13	113.22	112.31	98.22	102.07	2,373.63	771.36	546.85	224.51	3.436	
10,900.00	7,122.89	10,944.67	7,233.16	116.11	115.20	98.22	101.97	2,473.60	770.04	539.81	230.23	3.345	
11,000.00	7,125.09	11,044.66	7,235.19	118.99	118.08	98.22	101.88	2,573.57	768.71	532.76	235.95	3.258	
11,100.00	7,127.29	11,144.65	7,237.22	121.88	120.97	98.22	101.78	2,673.54	767.38	525.70	241.68	3.175	
11,200.00	7,129.49	11,244.64	7,239.25	124.78	123.87	98.22	101.69	2,773.51	766.05	518.64	247.41	3.096	
11,300.00	7,131.69	11,344.63	7,241.28	127.68	126.77	98.22	101.60	2,873.49	764.72	511.57	253.15	3.021	
11,400.00	7,133.89	11,444.63	7,243.30	130.58	129.67	98.23	101.50	2,973.46	763.39	504.49	258.90	2.949	
11,500.00	7,136.09	11,544.62	7,245.33	133.48	132.57	98.23	101.41	3,073.43	762.06	497.41	264.66	2.879	
11,600.00	7,138.29	11,644.61	7,247.36	136.39	135.48	98.23	101.32	3,173.40	760.74	490.32	270.41	2.813	
11,700.00	7,140.49	11,744.60	7,249.39	139.30	138.39	98.23	101.22	3,273.37	759.41	483.23	276.18	2.750	
11,800.00	7,142.69	11,844.59	7,251.42	142.21	141.30	98.23	101.13	3,373.34	758.08	476.13	281.94	2.689	
11,900.00	7,144.89	11,944.58	7,253.45	145.12	144.21	98.23	101.04	3,473.31	756.75	469.03	287.72	2.630	
12,000.00	7,147.08	12,044.57	7,255.48	148.04	147.12	98.24	100.94	3,573.28	755.42	461.93	293.49	2.574	
12,100.00	7,149.28	12,144.56	7,257.50	150.95	150.04	98.24	100.85	3,673.25	754.09	454.82	299.27	2.520	
12,200.00	7,151.48	12,244.55	7,259.53	153.87	152.96	98.24	100.75	3,773.22	752.76	447.71	305.06	2.468	
12,300.00	7,153.68	12,344.55	7,261.56	156.80	155.88	98.24	100.66	3,873.19	751.44	440.59	310.84	2.417	
12,400.00	7,155.88	12,444.54	7,263.59	159.72	158.80	98.24	100.57	3,973.16	750.11	433.47	316.63	2.369	
12,500.00	7,158.08	12,544.53	7,265.62	162.64	161.72	98.24	100.47	4,073.13	748.78	426.35	322.43	2.322	
12,600.00	7,160.28	12,644.52	7,267.65	165.57	164.65	98.24	100.38	4,173.10	747.45	419.23	328.22	2.277	
12,700.00	7,162.48	12,744.51	7,269.67	168.50	167.57	98.25	100.29	4,273.07	746.12	412.10	334.02	2.234	
12,800.00	7,164.68	12,844.50	7,271.70	171.43	170.50	98.25	100.19	4,373.04	744.79	404.97	339.82	2.192	
12,900.00	7,166.88	12,944.49	7,273.73	174.36	173.43	98.25	100.10	4,473.01	743.46	397.84	345.63	2.151	
13,000.00	7,169.08	13,044.48	7,275.76	177.29	176.36	98.25	100.00	4,572.98	742.13	390.70	351.43	2.112	



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
13,100.00	7,171.27	13,144.48	7,277.79	180.22	179.29	98.25	99.91	4,672.96	740.81	383.57	357.24	2.074	
13,200.00	7,173.47	13,244.47	7,279.82	183.15	182.22	98.25	99.82	4,772.93	739.48	376.43	363.05	2.037	
13,300.00	7,175.67	13,344.46	7,281.84	186.09	185.15	98.26	99.72	4,872.90	738.15	369.29	368.86	2.001	
13,400.00	7,177.87	13,444.45	7,283.87	189.02	188.09	98.26	99.63	4,972.87	736.82	362.14	374.68	1.967	
13,500.00	7,180.07	13,544.44	7,285.90	191.96	191.02	98.26	99.54	5,072.84	735.49	355.00	380.49	1.933	
13,600.00	7,182.27	13,644.43	7,287.93	194.90	193.96	98.26	99.44	5,172.81	734.16	347.85	386.31	1.900	
13,700.00	7,184.47	13,744.42	7,289.96	197.83	196.89	98.26	99.35	5,272.78	732.83	340.70	392.13	1.869	
13,800.00	7,186.67	13,844.41	7,291.99	200.77	199.83	98.26	99.26	5,372.75	731.51	333.56	397.95	1.838	
13,900.00	7,188.87	13,944.40	7,294.02	203.71	202.77	98.27	99.16	5,472.72	730.18	326.40	403.77	1.808	
14,000.00	7,191.07	14,044.40	7,296.04	206.65	205.71	98.27	99.07	5,572.69	728.85	319.25	409.60	1.779	
14,100.00	7,193.27	14,144.39	7,298.07	209.60	208.65	98.27	98.97	5,672.66	727.52	312.10	415.42	1.751	
14,200.00	7,195.46	14,244.38	7,300.10	212.54	211.59	98.27	98.88	5,772.63	726.19	304.94	421.25	1.724	
14,300.00	7,197.66	14,344.37	7,302.13	215.48	214.53	98.27	98.79	5,872.60	724.86	297.79	427.08	1.697	
14,400.00	7,199.86	14,444.36	7,304.16	218.42	217.47	98.27	98.69	5,972.57	723.53	290.63	432.90	1.671	
14,500.00	7,202.06	14,544.35	7,306.19	221.37	220.41	98.28	98.60	6,072.54	722.21	283.47	438.73	1.646	
14,600.00	7,204.26	14,644.34	7,308.21	224.31	223.35	98.28	98.51	6,172.51	720.88	276.31	444.57	1.622	
14,700.00	7,206.46	14,744.33	7,310.24	227.26	226.29	98.28	98.41	6,272.48	719.55	269.15	450.40	1.598	
14,800.00	7,208.66	14,844.33	7,312.27	230.20	229.24	98.28	98.32	6,372.45	718.22	261.99	456.23	1.574	
14,900.00	7,210.86	14,944.32	7,314.30	233.15	232.18	98.28	98.23	6,472.43	716.89	254.83	462.06	1.551	
15,000.00	7,213.06	15,044.31	7,316.33	236.10	235.12	98.28	98.13	6,572.40	715.56	247.66	467.90	1.529	
15,100.00	7,215.26	15,144.30	7,318.36	239.04	238.07	98.29	98.04	6,672.37	714.23	240.50	473.74	1.508	
15,200.00	7,217.46	15,244.29	7,320.38	241.99	241.01	98.29	97.94	6,772.34	712.90	233.33	479.57	1.487 Level 3	
15,300.00	7,219.65	15,344.28	7,322.41	244.94	243.96	98.29	97.85	6,872.31	711.58	226.17	485.41	1.466 Level 3	
15,400.00	7,221.85	15,444.27	7,324.44	247.89	246.91	98.29	97.76	6,972.28	710.25	219.00	491.25	1.446 Level 3	
15,500.00	7,224.05	15,544.26	7,326.47	250.84	249.85	98.29	97.66	7,072.25	708.92	211.83	497.09	1.426 Level 3	
15,600.00	7,226.25	15,644.25	7,328.50	253.79	252.80	98.29	97.57	7,172.22	707.59	204.66	502.93	1.407 Level 3	
15,700.00	7,228.45	15,744.25	7,330.53	256.74	255.75	98.30	97.48	7,272.19	706.26	197.49	508.77	1.388 Level 3	
15,800.00	7,230.65	15,844.24	7,332.56	259.69	258.69	98.30	97.38	7,372.16	704.93	190.32	514.61	1.370 Level 3	
15,900.00	7,232.85	15,944.23	7,334.58	262.64	261.64	98.30	97.29	7,472.13	703.60	183.15	520.45	1.352 Level 3	
16,000.00	7,235.05	16,044.22	7,336.61	265.59	264.59	98.30	97.19	7,572.10	702.28	175.98	526.29	1.334 Level 3	
16,100.00	7,237.25	16,144.21	7,338.64	268.54	267.54	98.30	97.10	7,672.07	700.95	168.81	532.14	1.317 Level 3	
16,200.00	7,239.45	16,244.20	7,340.67	271.49	270.49	98.30	97.01	7,772.04	699.62	161.64	537.98	1.300 Level 3	
16,300.00	7,241.65	16,344.19	7,342.70	274.44	273.44	98.31	96.91	7,872.01	698.29	154.46	543.83	1.284 Level 3	
16,400.00	7,243.84	16,444.18	7,344.73	277.40	276.38	98.31	96.82	7,971.98	696.96	147.29	549.67	1.268 Level 3	
16,500.00	7,246.04	16,544.18	7,346.75	280.35	279.33	98.31	96.73	8,071.95	695.63	140.12	555.52	1.252 Level 3	
16,600.00	7,248.24	16,644.17	7,348.78	283.30	282.28	98.31	96.63	8,171.92	694.30	132.94	561.36	1.237 Level 2	
16,700.00	7,250.44	16,744.16	7,350.81	286.25	285.23	98.31	96.54	8,271.90	692.98	125.77	567.21	1.222 Level 2	
16,800.00	7,252.64	16,844.15	7,352.84	289.21	288.19	98.32	96.45	8,371.87	691.65	118.59	573.06	1.207 Level 2	
16,900.00	7,254.84	16,944.14	7,354.87	292.16	291.14	98.32	96.35	8,471.84	690.32	111.42	578.90	1.192 Level 2	
17,000.00	7,257.04	17,044.13	7,356.90	295.12	294.09	98.32	96.26	8,571.81	688.99	104.24	584.75	1.178 Level 2	
17,100.00	7,259.24	17,144.12	7,358.92	298.07	297.04	98.32	96.16	8,671.78	687.66	97.06	590.60	1.164 Level 2	
17,200.00	7,261.44	17,244.11	7,360.95	301.02	299.99	98.32	96.07	8,771.75	686.33	89.89	596.45	1.151 Level 2	
17,300.00	7,263.64	17,344.10	7,362.98	303.98	302.94	98.32	95.98	8,871.72	685.00	82.71	602.30	1.137 Level 2	
17,400.00	7,265.84	17,444.10	7,365.01	306.93	305.89	98.33	95.88	8,971.69	683.68	75.53	608.15	1.124 Level 2	
17,500.00	7,268.04	17,544.09	7,367.04	309.89	308.84	98.33	95.79	9,071.66	682.35	68.35	614.00	1.111 Level 2	
17,589.36	7,270.00	17,633.44	7,368.85	312.53	311.48	98.33	95.71	9,161.00	681.16	61.94	619.22	1.100 Level 2, SF	

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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	0.00	0.00	3.28	3.28	-179.52	-99.82	-0.84	99.82				
100.00	100.00	100.00	100.00	3.28	3.28	-179.52	-99.82	-0.84	99.82	92.29	7.53	13.261	
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-99.82	-0.84	99.82	92.25	7.57	13.189	
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-99.82	-0.84	99.82	92.25	7.57	13.189	CC, ES
300.00	300.00	299.82	299.82	3.35	3.34	-118.59	-99.86	-1.27	100.08	92.42	7.65	13.077	
400.00	399.93	399.42	399.35	3.41	3.40	-118.33	-100.19	-4.71	102.11	94.34	7.77	13.133	
500.00	499.68	498.93	498.62	3.50	3.49	-117.85	-100.85	-11.59	106.18	98.24	7.95	13.363	
600.00	599.13	598.28	597.42	3.61	3.60	-117.18	-101.84	-21.88	112.29	104.12	8.17	13.744	
700.00	698.15	697.41	695.60	3.75	3.74	-116.40	-103.16	-35.54	120.43	111.98	8.46	14.242	
800.00	796.63	796.26	792.96	3.93	3.92	-115.54	-104.79	-52.52	130.61	121.79	8.81	14.819	
900.00	894.44	894.78	889.35	4.16	4.15	-114.65	-106.74	-72.76	142.80	133.55	9.25	15.431	
1,000.00	991.46	1,006.87	984.85	4.43	4.46	-113.80	-108.99	-96.14	156.98	147.15	9.83	15.970	
1,100.00	1,087.73	1,108.09	1,080.54	4.76	4.79	-113.78	-111.35	-120.56	172.52	162.05	10.47	16.483	
1,200.00	1,183.91	1,209.33	1,176.20	5.12	5.15	-113.96	-113.70	-144.98	188.20	177.04	11.16	16.859	
1,300.00	1,280.08	1,289.44	1,271.87	5.51	5.45	-114.12	-116.05	-169.39	203.88	192.05	11.83	17.238	
1,400.00	1,376.25	1,388.20	1,367.54	5.93	5.83	-114.25	-118.40	-193.81	219.56	206.97	12.60	17.430	
1,500.00	1,472.43	1,486.96	1,463.21	6.36	6.24	-114.37	-120.75	-218.22	235.25	221.85	13.40	17.558	
1,600.00	1,568.60	1,585.72	1,558.87	6.80	6.65	-114.47	-123.10	-242.63	250.93	236.70	14.23	17.639	
1,700.00	1,664.78	1,684.48	1,654.54	7.26	7.07	-114.56	-125.45	-267.05	266.62	251.54	15.07	17.686	
1,800.00	1,760.95	1,783.24	1,750.21	7.51	7.34	-114.64	-127.80	-291.46	282.30	267.09	15.21	18.564	
1,900.00	1,857.12	1,882.00	1,845.88	7.60	7.44	-114.71	-130.15	-315.88	297.99	282.61	15.38	19.379	
2,000.00	1,953.30	1,980.77	1,941.54	7.71	7.54	-114.78	-132.50	-340.29	313.67	298.10	15.58	20.137	
2,100.00	2,049.47	2,079.53	2,037.21	7.86	7.67	-114.83	-134.85	-364.71	329.36	313.52	15.84	20.793	
2,200.00	2,145.65	2,178.29	2,132.88	8.04	7.82	-114.89	-137.21	-389.12	345.05	328.89	16.16	21.350	
2,300.00	2,241.82	2,277.05	2,228.54	8.26	8.01	-114.94	-139.56	-413.54	360.73	344.20	16.54	21.812	
2,400.00	2,337.99	2,375.81	2,324.21	8.50	8.22	-114.98	-141.91	-437.95	376.42	359.45	16.97	22.186	
2,500.00	2,434.17	2,474.57	2,419.88	8.76	8.45	-115.02	-144.26	-462.37	392.11	374.67	17.44	22.479	
2,600.00	2,530.34	2,573.34	2,515.55	9.05	8.71	-115.06	-146.61	-486.78	407.80	389.83	17.96	22.702	
2,700.00	2,626.52	2,672.10	2,611.21	9.36	8.98	-115.09	-148.96	-511.20	423.48	404.96	18.52	22.863	
2,800.00	2,722.69	2,770.86	2,706.88	9.69	9.28	-115.12	-151.31	-535.61	439.17	420.05	19.12	22.970	
2,900.00	2,818.87	2,869.62	2,802.55	10.04	9.59	-115.15	-153.66	-560.03	454.86	435.11	19.75	23.033	
3,000.00	2,915.04	2,968.38	2,898.22	10.40	9.91	-115.18	-156.01	-584.44	470.55	450.14	20.41	23.058	
3,100.00	3,011.21	3,067.14	2,993.88	10.78	10.25	-115.21	-158.36	-608.85	486.24	465.14	21.09	23.052	
3,200.00	3,107.39	3,165.90	3,089.55	11.16	10.60	-115.23	-160.71	-633.27	501.93	480.12	21.80	23.021	
3,300.00	3,203.56	3,264.67	3,185.22	11.56	10.97	-115.26	-163.07	-657.68	517.61	495.08	22.54	22.969	
3,400.00	3,299.74	3,363.43	3,280.88	11.97	11.34	-115.28	-165.42	-682.10	533.30	510.02	23.29	22.901	
3,500.00	3,395.91	3,462.19	3,376.55	12.39	11.72	-115.30	-167.77	-706.51	548.99	524.93	24.06	22.820	
3,600.00	3,492.08	3,560.95	3,472.22	12.82	12.11	-115.32	-170.12	-730.93	564.68	539.84	24.84	22.730	
3,700.00	3,588.26	3,659.71	3,567.89	13.25	12.51	-115.34	-172.47	-755.34	580.37	554.73	25.64	22.632	
3,800.00	3,684.43	3,758.47	3,663.55	13.69	12.91	-115.35	-174.82	-779.76	596.06	569.60	26.46	22.528	
3,900.00	3,780.61	3,857.23	3,759.22	14.14	13.32	-115.37	-177.17	-804.17	611.75	584.46	27.28	22.421	
4,000.00	3,876.78	3,956.00	3,854.89	14.59	13.74	-115.39	-179.52	-828.59	627.44	599.31	28.12	22.311	
4,100.00	3,972.96	4,054.76	3,950.56	15.05	14.16	-115.40	-181.87	-853.00	643.13	614.16	28.97	22.200	
4,200.00	4,069.13	4,153.52	4,046.22	15.51	14.58	-115.42	-184.22	-877.42	658.81	628.99	29.83	22.089	
4,300.00	4,165.30	4,252.28	4,141.89	15.98	15.01	-115.43	-186.57	-901.83	674.50	643.81	30.69	21.978	
4,400.00	4,261.48	4,351.04	4,237.56	16.45	15.45	-115.44	-188.92	-926.25	690.19	658.63	31.56	21.867	
4,500.00	4,357.65	4,449.80	4,333.22	16.93	15.88	-115.45	-191.28	-950.66	705.88	673.44	32.44	21.758	
4,600.00	4,453.83	4,548.56	4,428.89	17.40	16.32	-115.47	-193.63	-975.07	721.57	688.24	33.33	21.650	
4,700.00	4,550.00	4,647.33	4,524.56	17.88	16.77	-115.48	-195.98	-999.49	737.26	703.04	34.22	21.544	
4,800.00	4,646.17	4,746.09	4,620.23	18.37	17.21	-115.49	-198.33	-1,023.90	752.95	717.83	35.12	21.440	
4,900.00	4,742.35	4,844.85	4,715.89	18.85	17.66	-115.50	-200.68	-1,048.32	768.64	732.62	36.02	21.338	
5,000.00	4,838.52	4,943.61	4,811.56	19.34	18.11	-115.51	-203.03	-1,072.73	784.33	747.40	36.93	21.239	
5,100.00	4,934.70	5,042.37	4,907.23	19.83	18.57	-115.52	-205.38	-1,097.15	800.02	762.18	37.84	21.141	
5,200.00	5,030.87	5,141.13	5,002.90	20.32	19.02	-115.53	-207.73	-1,121.56	815.71	776.95	38.76	21.046	
5,300.00	5,127.04	5,239.89	5,098.56	20.81	19.48	-115.54	-210.08	-1,145.98	831.40	791.72	39.68	20.954	
5,400.00	5,223.22	5,338.66	5,194.23	21.31	19.94	-115.54	-212.43	-1,170.39	847.09	806.49	40.60	20.864	
5,500.00	5,319.39	5,437.42	5,289.90	21.81	20.40	-115.55	-214.78	-1,194.81	862.78	821.25	41.53	20.776	
5,600.00	5,415.57	5,536.18	5,385.56	22.30	20.86	-115.56	-217.13	-1,219.22	878.47	836.01	42.46	20.691	
5,700.00	5,511.74	5,634.94	5,481.23	22.80	21.32	-115.57	-219.49	-1,243.64	894.15	850.77	43.39	20.608	
5,800.00	5,607.92	5,733.70	5,576.90	23.31	21.79	-115.58	-221.84	-1,268.05	909.84	865.52	44.32	20.527	
5,900.00	5,704.09	5,832.46	5,672.57	23.81	22.26	-115.58	-224.19	-1,292.47	925.53	880.27	45.26	20.448	
6,000.00	5,800.26	5,931.22	5,768.23	24.31	22.72	-115.59	-226.54	-1,316.88	941.22	895.02	46.20	20.371	
6,100.00	5,896.44	6,029.99	5,863.90	24.82	23.19	-115.60	-228.89	-1,341.29	956.91	909.77	47.15	20.297	
6,200.00	5,992.61	6,128.75	5,959.57	25.32	23.66	-115.60	-231.24	-1,365.71	972.60	924.51	48.09	20.225	
6,300.00	6,088.79	6,227.72	6,055.44	25.83	24.13	-115.61	-233.60	-1,390.17	988.29	939.26	49.03	20.155	
6,400.00	6,184.96	6,332.43	6,158.62	26.34	24.36	-116.14	-236.10	-1,407.09	1,003.66	953.92	49.74	20.180	

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	
6,500.00	6,281.16	6,431.82	6,257.88	26.83	24.47	-119.70	-238.44	-1,407.32	1,018.83	968.61	50.22	20.287		
6,600.00	6,379.08	6,525.59	6,350.50	27.07	24.52	-155.24	-240.57	-1,393.36	1,034.88	984.52	50.36	20.548		
6,700.00	6,478.03	6,615.80	6,436.75	27.21	24.58	143.10	-242.50	-1,367.25	1,051.75	1,001.35	50.40	20.867		
6,800.00	6,575.56	6,703.10	6,515.90	27.30	24.67	113.09	-244.22	-1,330.62	1,068.88	1,018.45	50.43	21.196		
6,900.00	6,669.27	6,788.03	6,587.40	27.38	24.84	100.50	-245.73	-1,284.91	1,085.68	1,035.14	50.54	21.480		
7,000.00	6,756.86	6,871.08	6,650.82	27.49	25.11	93.41	-247.02	-1,231.41	1,101.61	1,050.78	50.83	21.673		
7,100.00	6,836.17	6,952.62	6,705.82	27.69	25.50	88.72	-248.09	-1,171.29	1,116.16	1,064.79	51.37	21.727		
7,200.00	6,905.24	7,033.00	6,752.07	28.02	26.06	85.38	-248.92	-1,105.62	1,128.87	1,076.59	52.28	21.594		
7,300.00	6,962.38	7,112.50	6,789.33	28.55	26.77	82.98	-249.53	-1,035.46	1,139.35	1,085.76	53.59	21.261		
7,400.00	7,006.18	7,191.36	6,817.37	29.31	27.64	81.30	-249.90	-961.81	1,147.30	1,091.95	55.35	20.729		
7,500.00	7,035.56	7,269.79	6,836.03	30.31	28.66	80.26	-250.05	-885.68	1,152.48	1,094.94	57.54	20.030		
7,600.00	7,049.79	7,347.99	6,845.18	31.54	29.79	79.80	-249.96	-808.07	1,154.74	1,094.67	60.07	19.222		
7,700.00	7,052.59	7,442.17	6,847.71	32.96	31.31	79.78	-249.66	-713.93	1,154.79	1,091.66	63.13	18.293		
7,800.00	7,054.78	7,542.17	6,850.04	34.58	33.09	79.78	-249.33	-613.96	1,154.71	1,088.12	66.59	17.341		
7,900.00	7,056.98	7,642.17	6,852.37	36.39	35.03	79.79	-248.99	-513.98	1,154.64	1,084.27	70.37	16.409		
8,000.00	7,059.17	7,742.17	6,854.70	38.36	37.10	79.80	-248.66	-414.01	1,154.56	1,080.15	74.42	15.515		
8,100.00	7,061.36	7,842.17	6,857.03	40.45	39.29	79.80	-248.33	-314.04	1,154.48	1,075.80	78.69	14.671		
8,200.00	7,063.56	7,942.17	6,859.35	42.66	41.58	79.81	-247.99	-214.07	1,154.41	1,071.25	83.16	13.883		
8,300.00	7,065.75	8,042.17	6,861.68	44.95	43.94	79.81	-247.66	-114.09	1,154.33	1,066.55	87.78	13.150		
8,400.00	7,067.95	8,142.17	6,864.01	47.33	46.38	79.82	-247.33	-14.12	1,154.26	1,061.71	92.55	12.472		
8,500.00	7,070.14	8,242.17	6,866.34	49.77	48.88	79.83	-247.00	85.85	1,154.18	1,056.75	97.43	11.846		
8,600.00	7,072.34	8,342.17	6,868.67	52.27	51.42	79.83	-246.66	185.82	1,154.11	1,051.69	102.42	11.268		
8,700.00	7,074.53	8,442.17	6,871.00	54.82	54.01	79.84	-246.33	285.79	1,154.03	1,046.54	107.49	10.736		
8,800.00	7,076.72	8,542.17	6,873.33	57.40	56.63	79.84	-246.00	385.77	1,153.96	1,041.32	112.64	10.245		
8,900.00	7,078.92	8,642.17	6,875.66	60.03	59.29	79.85	-245.67	485.74	1,153.88	1,036.03	117.85	9.791		
9,000.00	7,081.11	8,742.17	6,877.98	62.68	61.97	79.86	-245.33	585.71	1,153.81	1,030.69	123.12	9.372		
9,100.00	7,083.31	8,842.16	6,880.31	65.37	64.68	79.83	-245.00	685.67	1,152.52	1,024.08	128.44	8.973		
9,200.00	7,085.51	8,942.14	6,882.64	68.08	67.41	79.82	-244.67	785.63	1,150.78	1,016.98	133.80	8.601		
9,300.00	7,087.71	9,042.13	6,884.97	70.82	70.15	79.81	-244.33	885.59	1,149.04	1,009.85	139.19	8.255		
9,400.00	7,089.91	9,142.11	6,887.30	73.57	72.92	79.80	-244.00	985.54	1,147.30	1,002.68	144.63	7.933		
9,500.00	7,092.11	9,242.10	6,889.63	76.33	75.70	79.79	-243.67	1,085.50	1,145.56	995.48	150.09	7.633		
9,600.00	7,094.31	9,342.08	6,891.96	79.11	78.49	79.78	-243.34	1,185.46	1,143.82	988.25	155.57	7.352		
9,700.00	7,096.50	9,442.07	6,894.28	81.91	81.30	79.77	-243.00	1,285.42	1,142.08	981.00	161.09	7.090		
9,800.00	7,098.70	9,542.05	6,896.61	84.71	84.11	79.77	-242.67	1,385.37	1,140.35	973.72	166.62	6.844		
9,900.00	7,100.90	9,642.03	6,898.94	87.53	86.94	79.76	-242.34	1,485.33	1,138.61	966.43	172.18	6.613		
10,000.00	7,103.10	9,742.02	6,901.27	90.35	89.77	79.75	-242.01	1,585.29	1,136.87	959.12	177.75	6.396		
10,100.00	7,105.30	9,842.00	6,903.60	93.19	92.61	79.74	-241.67	1,685.24	1,135.13	951.79	183.33	6.192		
10,200.00	7,107.50	9,941.99	6,905.93	96.03	95.46	79.73	-241.34	1,785.20	1,133.39	944.45	188.94	5.999		
10,300.00	7,109.70	10,041.97	6,908.25	98.88	98.32	79.72	-241.01	1,885.16	1,131.65	937.10	194.55	5.817		
10,400.00	7,111.90	10,141.96	6,910.58	101.74	101.18	79.71	-240.67	1,985.12	1,129.91	929.73	200.18	5.644		
10,500.00	7,114.10	10,241.94	6,912.91	104.60	104.05	79.70	-240.34	2,085.07	1,128.17	922.35	205.82	5.481		
10,600.00	7,116.30	10,341.93	6,915.24	107.47	106.92	79.69	-240.01	2,185.03	1,126.43	914.96	211.47	5.327		
10,700.00	7,118.50	10,430.10	6,917.29	110.34	109.46	79.68	-239.88	2,273.17	1,124.91	908.11	216.80	5.189		
10,726.68	7,119.08	10,449.34	6,917.74	111.11	110.01	79.69	-240.09	2,292.41	1,124.82	906.72	218.10	5.157		
10,800.00	7,120.70	10,519.58	6,919.38	113.22	112.04	79.69	-241.26	2,362.62	1,124.98	902.81	222.18	5.063		
10,900.00	7,122.89	10,619.58	6,921.70	116.11	114.93	79.70	-242.94	2,462.58	1,125.23	897.36	227.87	4.938		
11,000.00	7,125.09	10,719.58	6,924.03	118.99	117.82	79.71	-244.63	2,562.54	1,125.48	891.91	233.57	4.819		
11,100.00	7,127.29	10,819.58	6,926.36	121.88	120.72	79.72	-246.31	2,662.50	1,125.72	886.44	239.28	4.705		
11,200.00	7,129.49	10,919.58	6,928.69	124.78	123.62	79.73	-248.00	2,762.46	1,125.97	880.98	244.99	4.596		
11,300.00	7,131.69	11,019.58	6,931.02	127.68	126.52	79.74	-249.68	2,862.42	1,126.21	875.50	250.71	4.492		
11,400.00	7,133.89	11,119.58	6,933.35	130.58	129.43	79.75	-251.37	2,962.37	1,126.46	870.02	256.44	4.393		
11,500.00	7,136.09	11,219.58	6,935.68	133.48	132.34	79.75	-253.05	3,062.33	1,126.71	864.53	262.17	4.298		
11,600.00	7,138.29	11,319.58	6,938.00	136.39	135.25	79.76	-254.74	3,162.29	1,126.95	859.04	267.91	4.206		
11,700.00	7,140.49	11,419.58	6,940.33	139.30	138.16	79.77	-256.42	3,262.25	1,127.20	853.54	273.66	4.119		
11,800.00	7,142.69	11,519.58	6,942.66	142.21	141.08	79.78	-258.11	3,362.21	1,127.44	848.04	279.40	4.035		
11,900.00	7,144.89	11,619.58	6,944.99	145.12	144.00	79.79	-259.79	3,462.16	1,127.69	842.53	285.16	3.955		
12,000.00	7,147.08	11,719.58	6,947.32	148.04	146.92	79.80	-261.48	3,562.12	1,127.94	837.02	290.91	3.877		
12,100.00	7,149.28	11,819.58	6,949.65	150.95	149.84	79.81	-263.16	3,662.08	1,128.18	831.51	296.68	3.803		
12,200.00	7,151.48	11,919.58	6,951.98	153.87	152.76	79.82	-264.85	3,762.04	1,128.43	825.99	302.44	3.731		
12,300.00	7,153.68	12,019.58	6,954.30	156.80	155.69	79.83	-266.53	3,862.00	1,128.67	820.46	308.21	3.662		
12,400.00	7,155.88	12,119.57	6,956.63	159.72	158.62	79.84	-268.21	3,961.96	1,128.92	814.94	313.98	3.595		
12,500.00	7,158.08	12,219.57	6,958.96	162.64	161.54	79.84	-269.90	4,061.91	1,129.17	809.41	319.76	3.531		
12,600.00	7,160.28	12,319.57	6,961.29	165.57	164.47	79.85	-271.58	4,161.87	1,129.41	803.88	325.54	3.469		
12,700.00	7,162.48	12,419.57	6,963.62	168.50	167.41	79.86	-273.27	4,261.83	1,129.66	798.34	331.32	3.410		
12,800.00	7,164.68	12,519.57	6,965.95	171.43	170.34	79.87	-274.95	4,361.79	1,129.91	792.80	337.10	3.352		
12,900.00	7,166.88	12,619.57	6,968.											

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1		Offset Site Error:		0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)					
13,000.00	7,169.08	12,719.57	6,970.60	177.29	176.21	79.89	-278.32	4,561.71	1,130.40	781.72	348.68	3.242				
13,100.00	7,171.27	12,819.57	6,972.93	180.22	179.14	79.90	-280.01	4,661.66	1,130.65	776.17	354.47	3.190				
13,200.00	7,173.47	12,919.57	6,975.26	183.15	182.08	79.91	-281.69	4,761.62	1,130.89	770.63	360.27	3.139				
13,300.00	7,175.67	13,019.57	6,977.59	186.09	185.02	79.92	-283.38	4,861.58	1,131.14	765.08	366.06	3.090				
13,400.00	7,177.87	13,119.57	6,979.92	189.02	187.95	79.92	-285.06	4,961.54	1,131.39	759.52	371.86	3.042				
13,500.00	7,180.07	13,219.57	6,982.25	191.96	190.89	79.93	-286.75	5,061.50	1,131.63	753.97	377.66	2.996				
13,600.00	7,182.27	13,319.57	6,984.58	194.90	193.84	79.94	-288.43	5,161.45	1,131.88	748.41	383.47	2.952				
13,700.00	7,184.47	13,419.57	6,986.90	197.83	196.78	79.95	-290.12	5,261.41	1,132.13	742.85	389.27	2.908				
13,800.00	7,186.67	13,519.57	6,989.23	200.77	199.72	79.96	-291.80	5,361.37	1,132.37	737.29	395.08	2.866				
13,900.00	7,188.87	13,619.57	6,991.56	203.71	202.66	79.97	-293.49	5,461.33	1,132.62	731.73	400.89	2.825				
14,000.00	7,191.07	13,719.57	6,993.89	206.65	205.60	79.98	-295.17	5,561.29	1,132.87	726.17	406.70	2.786				
14,100.00	7,193.27	13,819.57	6,996.22	209.60	208.55	79.99	-296.86	5,661.25	1,133.11	720.60	412.51	2.747				
14,200.00	7,195.46	13,919.57	6,998.55	212.54	211.49	79.99	-298.54	5,761.20	1,133.36	715.04	418.32	2.709				
14,300.00	7,197.66	14,019.57	7,000.88	215.48	214.44	80.00	-300.23	5,861.16	1,133.61	709.47	424.14	2.673				
14,400.00	7,199.86	14,119.57	7,003.20	218.42	217.38	80.01	-301.91	5,961.12	1,133.85	703.90	429.95	2.637				
14,500.00	7,202.06	14,219.57	7,005.53	221.37	220.33	80.02	-303.60	6,061.08	1,134.10	698.33	435.77	2.603				
14,600.00	7,204.26	14,319.56	7,007.86	224.31	223.28	80.03	-305.28	6,161.04	1,134.35	692.75	441.59	2.569				
14,700.00	7,206.46	14,419.56	7,010.19	227.26	226.23	80.04	-306.97	6,261.00	1,134.59	687.18	447.41	2.536				
14,800.00	7,208.66	14,519.56	7,012.52	230.20	229.17	80.05	-308.65	6,360.95	1,134.84	681.61	453.23	2.504				
14,900.00	7,210.86	14,619.56	7,014.85	233.15	232.12	80.06	-310.34	6,460.91	1,135.09	676.03	459.06	2.473				
15,000.00	7,213.06	14,719.56	7,017.18	236.10	235.07	80.07	-312.02	6,560.87	1,135.33	670.45	464.88	2.442				
15,100.00	7,215.26	14,819.56	7,019.50	239.04	238.02	80.07	-313.71	6,660.83	1,135.58	664.87	470.71	2.412				
15,200.00	7,217.46	14,919.56	7,021.83	241.99	240.97	80.08	-315.39	6,760.79	1,135.83	659.29	476.53	2.384				
15,300.00	7,219.65	15,019.56	7,024.16	244.94	243.92	80.09	-317.07	6,860.74	1,136.08	653.71	482.36	2.355				
15,400.00	7,221.85	15,119.56	7,026.49	247.89	246.87	80.10	-318.76	6,960.70	1,136.32	648.13	488.19	2.328				
15,500.00	7,224.05	15,219.56	7,028.82	250.84	249.82	80.11	-320.44	7,060.66	1,136.57	642.55	494.02	2.301				
15,600.00	7,226.25	15,319.56	7,031.15	253.79	252.77	80.12	-322.13	7,160.62	1,136.82	636.96	499.85	2.274				
15,700.00	7,228.45	15,419.56	7,033.48	256.74	255.73	80.13	-323.81	7,260.58	1,137.06	631.38	505.69	2.249				
15,800.00	7,230.65	15,519.56	7,035.80	259.69	258.68	80.14	-325.50	7,360.54	1,137.31	625.79	511.52	2.223				
15,900.00	7,232.85	15,619.56	7,038.13	262.64	261.63	80.14	-327.18	7,460.49	1,137.56	620.21	517.35	2.199				
16,000.00	7,235.05	15,719.56	7,040.46	265.59	264.58	80.15	-328.87	7,560.45	1,137.81	614.62	523.19	2.175				
16,100.00	7,237.25	15,819.56	7,042.79	268.54	267.54	80.16	-330.55	7,660.41	1,138.05	609.03	529.02	2.151				
16,200.00	7,239.45	15,919.56	7,045.12	271.49	270.49	80.17	-332.24	7,760.37	1,138.30	603.44	534.86	2.128				
16,300.00	7,241.65	16,019.56	7,047.45	274.44	273.45	80.18	-333.92	7,860.33	1,138.55	597.85	540.70	2.106				
16,400.00	7,243.84	16,119.56	7,049.78	277.40	276.40	80.19	-335.61	7,960.29	1,138.80	592.26	546.54	2.084				
16,500.00	7,246.04	16,219.56	7,052.10	280.35	279.35	80.20	-337.29	8,060.24	1,139.04	586.66	552.38	2.062				
16,600.00	7,248.24	16,319.56	7,054.43	283.30	282.31	80.21	-338.98	8,160.20	1,139.29	581.07	558.22	2.041				
16,700.00	7,250.44	16,419.56	7,056.76	286.25	285.26	80.22	-340.66	8,260.16	1,139.54	575.48	564.06	2.020				
16,800.00	7,252.64	16,519.55	7,059.09	289.21	288.22	80.22	-342.35	8,360.12	1,139.79	569.88	569.90	2.000				
16,900.00	7,254.84	16,619.55	7,061.42	292.16	291.17	80.23	-344.03	8,460.08	1,140.03	564.29	575.74	1.980				
17,000.00	7,257.04	16,719.55	7,063.75	295.12	294.13	80.24	-345.72	8,560.03	1,140.28	558.69	581.59	1.961				
17,100.00	7,259.24	16,819.55	7,066.08	298.07	297.09	80.25	-347.40	8,659.99	1,140.53	553.10	587.43	1.942				
17,200.00	7,261.44	16,919.55	7,068.40	301.02	300.04	80.26	-349.09	8,759.95	1,140.78	547.50	593.28	1.923				
17,300.00	7,263.64	17,019.55	7,070.73	303.98	303.00	80.27	-350.77	8,859.91	1,141.02	541.90	599.12	1.904				
17,400.00	7,265.84	17,119.55	7,073.06	306.93	305.95	80.28	-352.46	8,959.87	1,141.27	536.30	604.97	1.886				
17,500.00	7,268.04	17,219.55	7,075.39	309.89	308.91	80.28	-354.14	9,059.83	1,141.52	530.70	610.82	1.869				
17,589.36	7,270.00	17,308.91	7,077.47	312.53	311.55	80.29	-355.65	9,149.15	1,141.74	525.70	616.04	1.853 SF				

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						
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	-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	CC
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	ES
300.00	300.00	299.96	299.96	3.35	3.34	-118.66	-79.79	-0.99	80.01	72.35	7.65	10.454	
400.00	399.93	399.85	399.78	3.41	3.41	-118.33	-79.87	-4.47	81.79	74.01	7.78	10.518	
500.00	499.68	499.66	499.35	3.50	3.49	-117.72	-80.03	-11.43	85.35	77.40	7.95	10.740	
600.00	599.13	599.35	598.49	3.61	3.60	-116.88	-80.26	-21.83	90.71	82.53	8.17	11.099	
700.00	698.15	698.87	697.04	3.75	3.74	-115.90	-80.58	-35.64	97.86	89.40	8.46	11.567	
800.00	796.63	798.17	794.83	3.93	3.93	-114.85	-80.97	-52.83	106.80	97.98	8.82	12.109	
900.00	894.44	897.21	891.72	4.16	4.15	-113.79	-81.43	-73.34	117.53	108.27	9.26	12.687	
1,000.00	991.46	1,003.82	987.86	4.43	4.45	-112.91	-81.97	-96.80	130.00	120.17	9.83	13.231	
1,100.00	1,087.73	1,104.77	1,083.97	4.76	4.77	-113.17	-82.51	-120.76	143.68	133.22	10.46	13.738	
1,200.00	1,183.91	1,205.73	1,180.07	5.12	5.12	-113.60	-83.05	-144.71	157.50	146.35	11.15	14.127	
1,300.00	1,280.08	1,306.70	1,276.16	5.51	5.49	-113.95	-83.60	-168.66	171.33	159.44	11.89	14.413	
1,400.00	1,376.25	1,407.67	1,372.25	5.93	5.88	-114.26	-84.14	-192.61	185.17	172.50	12.66	14.623	
1,500.00	1,472.43	1,508.63	1,468.34	6.36	6.28	-114.52	-84.68	-216.57	199.01	185.54	13.47	14.774	
1,600.00	1,568.60	1,609.60	1,564.43	6.80	6.70	-114.75	-85.23	-240.52	212.85	198.55	14.30	14.882	
1,700.00	1,664.78	1,689.44	1,660.53	7.26	7.03	-114.95	-85.77	-264.47	226.70	211.63	15.07	15.047	
1,800.00	1,760.95	1,788.47	1,756.62	7.51	7.29	-115.12	-86.31	-288.42	240.55	225.36	15.18	15.842	
1,900.00	1,857.12	1,887.50	1,852.71	7.60	7.37	-115.28	-86.86	-312.38	254.40	239.06	15.34	16.582	
2,000.00	1,953.30	1,986.54	1,948.80	7.71	7.47	-115.42	-87.40	-336.33	268.25	252.71	15.54	17.262	
2,100.00	2,049.47	2,085.57	2,044.90	7.86	7.60	-115.55	-87.94	-360.28	282.10	266.30	15.80	17.854	
2,200.00	2,145.65	2,184.61	2,140.99	8.04	7.75	-115.67	-88.49	-384.23	295.96	279.84	16.12	18.361	
2,300.00	2,241.82	2,283.64	2,237.08	8.26	7.93	-115.77	-89.03	-408.18	309.82	293.32	16.49	18.786	
2,400.00	2,337.99	2,382.67	2,333.17	8.50	8.13	-115.87	-89.58	-432.14	323.67	306.76	16.92	19.134	
2,500.00	2,434.17	2,481.71	2,429.26	8.76	8.36	-115.96	-90.12	-456.09	337.53	320.14	17.39	19.412	
2,600.00	2,530.34	2,580.74	2,525.36	9.05	8.61	-116.04	-90.66	-480.04	351.39	333.49	17.90	19.628	
2,700.00	2,626.52	2,679.77	2,621.45	9.36	8.88	-116.11	-91.21	-503.99	365.25	346.79	18.46	19.790	
2,800.00	2,722.69	2,778.81	2,717.54	9.69	9.17	-116.18	-91.75	-527.95	379.11	360.06	19.05	19.905	
2,900.00	2,818.87	2,877.84	2,813.63	10.04	9.47	-116.25	-92.29	-551.90	392.97	373.30	19.67	19.979	
3,000.00	2,915.04	2,976.88	2,909.72	10.40	9.79	-116.31	-92.84	-575.85	406.83	386.51	20.32	20.020	
3,100.00	3,011.21	3,075.91	3,005.82	10.78	10.12	-116.36	-93.38	-599.80	420.69	399.69	21.00	20.033	
3,200.00	3,107.39	3,174.94	3,101.91	11.16	10.46	-116.42	-93.92	-623.76	434.56	412.85	21.70	20.023	
3,300.00	3,203.56	3,273.98	3,198.00	11.56	10.82	-116.47	-94.47	-647.71	448.42	425.99	22.43	19.994	
3,400.00	3,299.74	3,373.01	3,294.09	11.97	11.18	-116.51	-95.01	-671.66	462.28	439.11	23.17	19.950	
3,500.00	3,395.91	3,472.04	3,390.18	12.39	11.55	-116.56	-95.55	-695.61	476.14	452.21	23.93	19.894	
3,600.00	3,492.08	3,571.08	3,486.28	12.82	11.93	-116.60	-96.10	-719.56	490.01	465.29	24.71	19.829	
3,700.00	3,588.26	3,670.11	3,582.37	13.25	12.32	-116.64	-96.64	-743.52	503.87	478.36	25.50	19.756	
3,800.00	3,684.43	3,769.15	3,678.46	13.69	12.72	-116.67	-97.18	-767.47	517.73	491.42	26.31	19.678	
3,900.00	3,780.61	3,868.18	3,774.55	14.14	13.12	-116.71	-97.73	-791.42	531.60	504.47	27.13	19.596	
4,000.00	3,876.78	3,967.21	3,870.64	14.59	13.52	-116.74	-98.27	-815.37	545.46	517.50	27.96	19.511	
4,100.00	3,972.96	4,066.25	3,966.74	15.05	13.93	-116.77	-98.82	-839.33	559.32	530.53	28.80	19.424	
4,200.00	4,069.13	4,165.28	4,062.83	15.51	14.35	-116.80	-99.36	-863.28	573.19	543.54	29.64	19.336	
4,300.00	4,165.30	4,264.32	4,158.92	15.98	14.77	-116.83	-99.90	-887.23	587.05	556.55	30.50	19.247	
4,400.00	4,261.48	4,363.35	4,255.01	16.45	15.19	-116.86	-100.45	-911.18	600.92	569.55	31.36	19.159	
4,500.00	4,357.65	4,462.38	4,351.11	16.93	15.62	-116.89	-100.99	-935.14	614.78	582.55	32.24	19.072	
4,600.00	4,453.83	4,561.42	4,447.20	17.40	16.05	-116.91	-101.53	-959.09	628.65	595.53	33.11	18.985	
4,700.00	4,550.00	4,660.45	4,543.29	17.88	16.49	-116.94	-102.08	-983.04	642.51	608.52	34.00	18.899	
4,800.00	4,646.17	4,759.48	4,639.38	18.37	16.92	-116.96	-102.62	-1,006.99	656.38	621.49	34.89	18.815	
4,900.00	4,742.35	4,858.52	4,735.47	18.85	17.36	-116.98	-103.16	-1,030.94	670.24	634.46	35.78	18.733	
5,000.00	4,838.52	4,957.55	4,831.57	19.34	17.80	-117.00	-103.71	-1,054.90	684.11	647.43	36.68	18.652	
5,100.00	4,934.70	5,056.59	4,927.66	19.83	18.25	-117.02	-104.25	-1,078.85	697.97	660.39	37.58	18.572	
5,200.00	5,030.87	5,155.62	5,023.75	20.32	18.69	-117.04	-104.79	-1,102.80	711.84	673.35	38.49	18.495	
5,300.00	5,127.04	5,254.65	5,119.84	20.81	19.14	-117.06	-105.34	-1,126.75	725.70	686.30	39.40	18.419	
5,400.00	5,223.22	5,353.69	5,215.93	21.31	19.59	-117.08	-105.88	-1,150.71	739.57	699.26	40.31	18.345	
5,500.00	5,319.39	5,452.72	5,312.03	21.81	20.04	-117.09	-106.43	-1,174.66	753.43	712.20	41.23	18.273	
5,600.00	5,415.57	5,551.75	5,408.12	22.30	20.49	-117.11	-106.97	-1,198.61	767.30	725.15	42.15	18.203	
5,700.00	5,511.74	5,650.79	5,504.21	22.80	20.95	-117.13	-107.51	-1,222.56	781.17	738.09	43.08	18.135	
5,800.00	5,607.92	5,749.82	5,600.30	23.31	21.40	-117.14	-108.06	-1,246.51	795.03	751.03	44.00	18.068	
5,900.00	5,704.09	5,848.86	5,696.39	23.81	21.86	-117.16	-108.60	-1,270.47	808.90	763.97	44.93	18.003	
6,000.00	5,800.26	5,947.89	5,792.49	24.31	22.32	-117.17	-109.14	-1,294.42	822.76	776.90	45.86	17.940	
6,100.00	5,896.44	6,046.92	5,888.58	24.82	22.78	-117.19	-109.69	-1,318.37	836.63	789.83	46.80	17.878	
6,200.00	5,992.61	6,145.96	5,984.67	25.32	23.24	-117.20	-110.23	-1,342.32	850.50	802.76	47.73	17.818	
6,300.00	6,088.79	6,244.99	6,080.76	25.83	23.70	-117.21	-110.77	-1,366.28	864.36	815.69	48.67	17.760	
6,400.00	6,184.96	6,344.03	6,176.85	26.34	24.16	-117.23	-111.32	-1,390.23	878.23	828.62	49.61	17.703	

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	6,281.16	6,444.16	6,275.29	26.83	24.44	-119.82	-111.88	-1,408.05	892.04	841.71	50.32	17.726	
6,600.00	6,379.08	6,542.34	6,373.34	27.07	24.55	-154.41	-112.46	-1,410.40	906.17	855.58	50.59	17.911	
6,700.00	6,478.03	6,638.77	6,468.88	27.21	24.62	144.82	-113.05	-1,398.02	920.62	869.90	50.72	18.151	
6,800.00	6,575.56	6,733.70	6,560.05	27.30	24.68	115.65	-113.62	-1,371.89	934.98	884.18	50.80	18.405	
6,900.00	6,669.27	6,827.37	6,645.21	27.38	24.78	103.81	-114.18	-1,333.11	948.89	897.95	50.94	18.628	
7,000.00	6,756.86	6,919.98	6,722.94	27.49	24.97	97.39	-114.70	-1,282.90	961.95	910.72	51.23	18.777	
7,100.00	6,836.17	7,011.77	6,791.98	27.69	25.28	93.27	-115.19	-1,222.54	973.82	922.04	51.78	18.807	
7,200.00	6,905.24	7,102.92	6,851.25	28.02	25.77	90.41	-115.62	-1,153.40	984.19	931.50	52.69	18.680	
7,300.00	6,962.38	7,193.60	6,899.83	28.55	26.46	88.38	-116.01	-1,076.92	992.79	938.74	54.05	18.369	
7,400.00	7,006.18	7,283.98	6,936.96	29.31	27.37	86.98	-116.33	-994.60	999.39	943.49	55.90	17.879	
7,500.00	7,035.56	7,374.18	6,962.02	30.31	28.48	86.12	-116.58	-908.03	1,003.83	945.62	58.21	17.245	
7,600.00	7,049.79	7,464.33	6,974.61	31.54	29.76	85.74	-116.76	-818.84	1,006.00	945.09	60.91	16.516	
7,700.00	7,052.59	7,561.01	6,977.42	32.96	31.30	85.72	-116.90	-722.21	1,006.49	942.47	64.01	15.723	
7,800.00	7,054.78	7,661.01	6,979.57	34.58	33.06	85.72	-117.03	-622.24	1,006.90	939.41	67.50	14.918	
7,900.00	7,056.98	7,761.01	6,981.72	36.39	34.98	85.72	-117.17	-522.26	1,007.32	936.02	71.30	14.127	
8,000.00	7,059.17	7,861.01	6,983.87	38.36	37.04	85.72	-117.30	-422.29	1,007.74	932.35	75.38	13.368	
8,100.00	7,061.36	7,961.01	6,986.02	40.45	39.22	85.72	-117.43	-322.31	1,008.15	928.46	79.69	12.650	
8,200.00	7,063.56	8,061.00	6,988.16	42.66	41.49	85.72	-117.57	-222.33	1,008.57	924.37	84.20	11.978	
8,300.00	7,065.75	8,161.00	6,990.31	44.95	43.85	85.72	-117.70	-122.36	1,008.99	920.11	88.87	11.353	
8,400.00	7,067.95	8,261.00	6,992.46	47.33	46.27	85.72	-117.84	-22.38	1,009.40	915.72	93.68	10.774	
8,500.00	7,070.14	8,361.00	6,994.61	49.77	48.76	85.71	-117.97	77.59	1,009.82	911.20	98.62	10.240	
8,600.00	7,072.34	8,461.00	6,996.76	52.27	51.29	85.71	-118.10	177.57	1,010.24	906.58	103.65	9.746	
8,700.00	7,074.53	8,561.00	6,998.91	54.82	53.88	85.71	-118.24	277.55	1,010.65	901.88	108.78	9.291	
8,800.00	7,076.72	8,661.00	7,001.05	57.40	56.49	85.71	-118.37	377.52	1,011.07	897.09	113.98	8.871	
8,900.00	7,078.92	8,761.00	7,003.20	60.03	59.14	85.71	-118.51	477.50	1,011.49	892.24	119.24	8.483	
9,000.00	7,081.11	8,861.00	7,005.35	62.68	61.82	85.71	-118.64	577.47	1,011.90	887.33	124.57	8.123	
9,100.00	7,083.31	8,960.99	7,007.50	65.37	64.53	85.68	-118.78	677.45	1,011.09	881.14	129.95	7.780	
9,200.00	7,085.51	9,060.98	7,009.65	68.08	67.25	85.67	-118.91	777.41	1,009.82	874.45	135.37	7.459	
9,300.00	7,087.71	9,160.98	7,011.80	70.82	70.00	85.67	-119.04	877.38	1,008.55	867.72	140.84	7.161	
9,400.00	7,089.91	9,260.97	7,013.94	73.57	72.76	85.66	-119.18	977.35	1,007.28	860.95	146.33	6.884	
9,500.00	7,092.11	9,360.96	7,016.09	76.33	75.53	85.65	-119.31	1,077.32	1,006.01	854.15	151.86	6.625	
9,600.00	7,094.31	9,460.95	7,018.24	79.11	78.33	85.64	-119.45	1,177.29	1,004.74	847.33	157.42	6.383	
9,700.00	7,096.50	9,560.94	7,020.39	81.91	81.13	85.63	-119.58	1,277.26	1,003.47	840.48	163.00	6.156	
9,800.00	7,098.70	9,660.94	7,022.54	84.71	83.94	85.62	-119.71	1,377.23	1,002.20	833.60	168.60	5.944	
9,900.00	7,100.90	9,760.93	7,024.69	87.53	86.77	85.62	-119.85	1,477.20	1,000.93	826.71	174.22	5.745	
10,000.00	7,103.10	9,860.92	7,026.83	90.35	89.60	85.61	-119.98	1,577.16	999.66	819.80	179.86	5.558	
10,100.00	7,105.30	9,960.91	7,028.98	93.19	92.44	85.60	-120.12	1,677.13	998.40	812.87	185.52	5.382	
10,200.00	7,107.50	10,060.90	7,031.13	96.03	95.29	85.59	-120.25	1,777.10	997.13	805.93	191.20	5.215	
10,300.00	7,109.70	10,160.89	7,033.28	98.88	98.14	85.58	-120.38	1,877.07	995.86	798.97	196.88	5.058	
10,400.00	7,111.90	10,260.89	7,035.43	101.74	101.00	85.57	-120.52	1,977.04	994.59	792.00	202.58	4.910	
10,500.00	7,114.10	10,360.88	7,037.57	104.60	103.87	85.56	-120.65	2,077.01	993.32	785.02	208.29	4.769	
10,600.00	7,116.30	10,460.87	7,039.72	107.47	106.74	85.56	-120.79	2,176.98	992.05	778.03	214.02	4.635	
10,700.00	7,118.50	10,560.86	7,041.87	110.34	109.62	85.55	-120.92	2,276.94	990.78	771.03	219.75	4.509	
10,800.00	7,120.70	10,660.85	7,044.02	113.22	112.50	85.54	-121.05	2,376.91	989.51	764.02	225.49	4.388	
10,900.00	7,122.89	10,760.85	7,046.17	116.11	115.39	85.53	-121.19	2,476.88	988.24	757.00	231.24	4.274	
11,000.00	7,125.09	10,860.84	7,048.32	118.99	118.28	85.52	-121.32	2,576.85	986.97	749.97	237.00	4.165	
11,100.00	7,127.29	10,960.83	7,050.46	121.88	121.17	85.51	-121.46	2,676.82	985.70	742.94	242.76	4.060	
11,200.00	7,129.49	11,060.82	7,052.61	124.78	124.07	85.50	-121.59	2,776.79	984.43	735.90	248.53	3.961	
11,300.00	7,131.69	11,160.81	7,054.76	127.68	126.97	85.49	-121.72	2,876.76	983.16	728.85	254.31	3.866	
11,400.00	7,133.89	11,260.80	7,056.91	130.58	129.87	85.49	-121.86	2,976.73	981.89	721.80	260.09	3.775	
11,500.00	7,136.09	11,360.80	7,059.06	133.48	132.77	85.48	-121.99	3,076.69	980.62	714.74	265.88	3.688	
11,600.00	7,138.29	11,460.79	7,061.21	136.39	135.68	85.47	-122.13	3,176.66	979.35	707.68	271.67	3.605	
11,700.00	7,140.49	11,560.78	7,063.35	139.30	138.59	85.46	-122.26	3,276.63	978.08	700.61	277.47	3.525	
11,800.00	7,142.69	11,660.77	7,065.50	142.21	141.50	85.45	-122.40	3,376.60	976.81	693.54	283.27	3.448	
11,900.00	7,144.89	11,760.76	7,067.65	145.12	144.42	85.44	-122.53	3,476.57	975.54	686.47	289.08	3.375	
12,000.00	7,147.08	11,860.76	7,069.80	148.04	147.33	85.43	-122.66	3,576.54	974.27	679.39	294.89	3.304	
12,100.00	7,149.28	11,960.75	7,071.95	150.95	150.25	85.42	-122.80	3,676.51	973.00	672.30	300.70	3.236	
12,200.00	7,151.48	12,060.74	7,074.10	153.87	153.17	85.41	-122.93	3,776.47	971.74	665.22	306.52	3.170	
12,300.00	7,153.68	12,160.73	7,076.24	156.80	156.09	85.41	-123.07	3,876.44	970.47	658.13	312.34	3.107	
12,400.00	7,155.88	12,260.72	7,078.39	159.72	159.01	85.40	-123.20	3,976.41	969.20	651.03	318.16	3.046	
12,500.00	7,158.08	12,360.71	7,080.54	162.64	161.94	85.39	-123.33	4,076.38	967.93	643.94	323.99	2.988	
12,600.00	7,160.28	12,460.71	7,082.69	165.57	164.86	85.38	-123.47	4,176.35	966.66	636.84	329.82	2.931	
12,700.00	7,162.48	12,560.70	7,084.84	168.50	167.79	85.37	-123.60	4,276.32	965.39	629.74	335.65	2.876	
12,800.00	7,164.68	12,660.69	7,086.98	171.43	170.72	85.36	-123.74	4,376.29	964.12	622.64	341.48	2.823	
12,900.00	7,166.88	12,760.68	7,089.13	174.36	173.65	85.35	-123.87	4,476.26	962.85	615.53	347.32	2.772	
13,000.00	7,169.08	12,860.67	7,091.28	177.29	176.58	85.34	-124.00	4,576.22	961.58	608.42	353.16	2.723	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	7,171.27	12,960.67	7,093.43	180.22	179.51	85.33	-124.14	4,676.19	960.31	601.31	359.00	2.675	
13,200.00	7,173.47	13,060.66	7,095.58	183.15	182.44	85.32	-124.27	4,776.16	959.04	594.20	364.84	2.629	
13,300.00	7,175.67	13,160.65	7,097.73	186.09	185.38	85.31	-124.41	4,876.13	957.77	587.09	370.69	2.584	
13,400.00	7,177.87	13,260.64	7,099.87	189.02	188.31	85.31	-124.54	4,976.10	956.51	579.97	376.53	2.540	
13,500.00	7,180.07	13,360.63	7,102.02	191.96	191.25	85.30	-124.67	5,076.07	955.24	572.86	382.38	2.498	
13,600.00	7,182.27	13,460.62	7,104.17	194.90	194.18	85.29	-124.81	5,176.04	953.97	565.74	388.23	2.457	
13,700.00	7,184.47	13,560.62	7,106.32	197.83	197.12	85.28	-124.94	5,276.00	952.70	558.62	394.08	2.418	
13,800.00	7,186.67	13,660.61	7,108.47	200.77	200.06	85.27	-125.08	5,375.97	951.43	551.50	399.93	2.379	
13,900.00	7,188.87	13,760.60	7,110.62	203.71	202.99	85.26	-125.21	5,475.94	950.16	544.38	405.78	2.342	
14,000.00	7,191.07	13,860.59	7,112.76	206.65	205.93	85.25	-125.34	5,575.91	948.89	537.25	411.64	2.305	
14,100.00	7,193.27	13,960.58	7,114.91	209.60	208.87	85.24	-125.48	5,675.88	947.62	530.13	417.50	2.270	
14,200.00	7,195.46	14,060.58	7,117.06	212.54	211.81	85.23	-125.61	5,775.85	946.36	523.00	423.35	2.235	
14,300.00	7,197.66	14,160.57	7,119.21	215.48	214.75	85.22	-125.75	5,875.82	945.09	515.88	429.21	2.202	
14,400.00	7,199.86	14,260.56	7,121.36	218.42	217.70	85.21	-125.88	5,975.79	943.82	508.75	435.07	2.169	
14,500.00	7,202.06	14,360.55	7,123.51	221.37	220.64	85.20	-126.02	6,075.75	942.55	501.62	440.93	2.138	
14,600.00	7,204.26	14,460.54	7,125.65	224.31	223.58	85.19	-126.15	6,175.72	941.28	494.49	446.79	2.107	
14,700.00	7,206.46	14,560.53	7,127.80	227.26	226.52	85.18	-126.28	6,275.69	940.01	487.36	452.65	2.077	
14,800.00	7,208.66	14,660.53	7,129.95	230.20	229.47	85.17	-126.42	6,375.66	938.74	480.23	458.52	2.047	
14,900.00	7,210.86	14,760.52	7,132.10	233.15	232.41	85.16	-126.55	6,475.63	937.47	473.09	464.38	2.019	
15,000.00	7,213.06	14,860.51	7,134.25	236.10	235.36	85.15	-126.69	6,575.60	936.21	465.96	470.24	1.991	
15,100.00	7,215.26	14,960.50	7,136.39	239.04	238.30	85.14	-126.82	6,675.57	934.94	458.83	476.11	1.964	
15,200.00	7,217.46	15,060.49	7,138.54	241.99	241.25	85.13	-126.95	6,775.53	933.67	451.69	481.98	1.937	
15,300.00	7,219.65	15,160.49	7,140.69	244.94	244.19	85.12	-127.09	6,875.50	932.40	444.56	487.84	1.911	
15,400.00	7,221.85	15,260.48	7,142.84	247.89	247.14	85.11	-127.22	6,975.47	931.13	437.42	493.71	1.886	
15,500.00	7,224.05	15,360.47	7,144.99	250.84	250.09	85.10	-127.36	7,075.44	929.86	430.29	499.58	1.861	
15,600.00	7,226.25	15,460.46	7,147.14	253.79	253.03	85.09	-127.49	7,175.41	928.59	423.15	505.45	1.837	
15,700.00	7,228.45	15,560.45	7,149.28	256.74	255.98	85.08	-127.62	7,275.38	927.33	416.01	511.31	1.814	
15,800.00	7,230.65	15,660.44	7,151.43	259.69	258.93	85.08	-127.76	7,375.35	926.06	408.87	517.18	1.791	
15,900.00	7,232.85	15,760.44	7,153.58	262.64	261.88	85.07	-127.89	7,475.31	924.79	401.74	523.05	1.768	
16,000.00	7,235.05	15,860.43	7,155.73	265.59	264.83	85.06	-128.03	7,575.28	923.52	394.60	528.92	1.746	
16,100.00	7,237.25	15,960.42	7,157.88	268.54	267.77	85.05	-128.16	7,675.25	922.25	387.46	534.80	1.724	
16,200.00	7,239.45	16,060.41	7,160.03	271.49	270.72	85.04	-128.29	7,775.22	920.99	380.32	540.67	1.703	
16,300.00	7,241.65	16,160.40	7,162.17	274.44	273.67	85.03	-128.43	7,875.19	919.72	373.18	546.54	1.683	
16,400.00	7,243.84	16,260.40	7,164.32	277.40	276.62	85.02	-128.56	7,975.16	918.45	366.04	552.41	1.663	
16,500.00	7,246.04	16,360.39	7,166.47	280.35	279.57	85.01	-128.70	8,075.13	917.18	358.90	558.28	1.643	
16,600.00	7,248.24	16,460.38	7,168.62	283.30	282.52	85.00	-128.83	8,175.10	915.91	351.76	564.16	1.624	
16,700.00	7,250.44	16,560.37	7,170.77	286.25	285.47	84.98	-128.96	8,275.06	914.64	344.61	570.03	1.605	
16,800.00	7,252.64	16,660.36	7,172.91	289.21	288.42	84.97	-129.10	8,375.03	913.38	337.47	575.90	1.586	
16,900.00	7,254.84	16,760.36	7,175.06	292.16	291.37	84.96	-129.23	8,475.00	912.11	330.33	581.78	1.568	
17,000.00	7,257.04	16,860.35	7,177.21	295.12	294.33	84.95	-129.37	8,574.97	910.84	323.19	587.65	1.550	
17,100.00	7,259.24	16,960.34	7,179.36	298.07	297.28	84.94	-129.50	8,674.94	909.57	316.05	593.53	1.532	
17,200.00	7,261.44	17,060.33	7,181.51	301.02	300.23	84.93	-129.63	8,774.91	908.30	308.90	599.40	1.515	
17,300.00	7,263.64	17,160.32	7,183.66	303.98	303.18	84.92	-129.77	8,874.88	907.04	301.76	605.27	1.499 Level 3	
17,400.00	7,265.84	17,260.31	7,185.80	306.93	306.13	84.91	-129.90	8,974.84	905.77	294.62	611.15	1.482 Level 3	
17,500.00	7,268.04	17,360.31	7,187.95	309.89	309.08	84.90	-130.04	9,074.81	904.50	287.48	617.03	1.466 Level 3	
17,589.36	7,270.00	17,449.66	7,189.87	312.53	311.72	84.89	-130.16	9,164.15	903.37	281.09	622.28	1.452 Level 3, SF	



Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-40.07	-0.28	40.07				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-40.07	-0.28	40.07	32.55	7.53	5.324	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295	CC
300.00	300.00	300.17	300.16	3.35	3.34	-118.64	-39.97	-0.70	40.18	32.53	7.65	5.250	
400.00	399.93	400.50	400.43	3.41	3.41	-118.15	-39.10	-4.11	41.02	33.24	7.78	5.274	
500.00	499.68	500.80	500.48	3.50	3.50	-117.23	-37.38	-10.91	42.71	34.76	7.95	5.373	
600.00	599.13	601.08	600.20	3.61	3.61	-115.98	-34.80	-21.11	45.27	37.09	8.18	5.537	
700.00	698.15	701.31	699.45	3.75	3.75	-114.51	-31.37	-34.67	48.69	40.23	8.46	5.753	
800.00	796.63	801.49	798.09	3.93	3.94	-112.94	-27.09	-51.58	53.01	44.18	8.83	6.005	
900.00	894.44	901.60	896.00	4.16	4.16	-111.36	-21.97	-71.81	58.21	48.93	9.28	6.275	
1,000.00	991.46	1,001.55	993.02	4.43	4.44	-110.04	-16.08	-95.08	64.33	54.50	9.82	6.547	
1,100.00	1,087.73	1,101.29	1,089.67	4.76	4.76	-110.68	-10.04	-118.97	71.41	60.95	10.46	6.828	
1,200.00	1,183.91	1,201.03	1,186.31	5.12	5.10	-111.50	-4.00	-142.85	78.63	67.47	11.15	7.051	
1,300.00	1,280.08	1,300.76	1,282.96	5.51	5.46	-112.17	2.05	-166.73	85.86	73.97	11.89	7.221	
1,400.00	1,376.25	1,400.49	1,379.60	5.93	5.85	-112.75	8.09	-190.61	93.10	80.43	12.67	7.350	
1,500.00	1,472.43	1,500.23	1,476.24	6.36	6.25	-113.23	14.13	-214.49	100.35	86.88	13.47	7.448	
1,600.00	1,568.60	1,600.04	1,572.89	6.80	6.66	-113.66	20.17	-238.37	107.60	93.30	14.30	7.522	
1,700.00	1,664.78	1,700.30	1,669.53	7.26	7.08	-114.03	26.22	-262.25	114.86	99.71	15.16	7.578	
1,800.00	1,760.95	1,800.57	1,766.17	7.51	7.32	-114.35	32.26	-286.14	122.13	106.87	15.26	8.006	
1,900.00	1,857.12	1,900.84	1,862.82	7.60	7.39	-114.64	38.30	-310.02	129.40	114.01	15.39	8.407	
2,000.00	1,953.30	2,001.10	1,959.46	7.71	7.50	-114.90	44.35	-333.90	136.67	121.08	15.59	8.764	
2,100.00	2,049.47	2,101.37	2,056.10	7.86	7.63	-115.13	50.39	-357.78	143.94	128.08	15.86	9.076	
2,200.00	2,145.65	2,201.64	2,152.75	8.04	7.79	-115.34	56.43	-381.66	151.22	135.04	16.18	9.344	
2,300.00	2,241.82	2,301.90	2,249.39	8.26	7.98	-115.53	62.47	-405.54	158.50	141.94	16.56	9.569	
2,400.00	2,337.99	2,402.17	2,346.03	8.50	8.20	-115.71	68.52	-429.42	165.78	148.78	16.99	9.755	
2,500.00	2,434.17	2,502.44	2,442.68	8.76	8.44	-115.86	74.56	-453.31	173.06	155.59	17.47	9.904	
2,600.00	2,530.34	2,602.70	2,539.32	9.05	8.70	-116.01	80.60	-477.19	180.34	162.35	18.00	10.021	
2,700.00	2,626.52	2,702.97	2,635.96	9.36	8.98	-116.15	86.65	-501.07	187.62	169.07	18.56	10.110	
2,800.00	2,722.69	2,803.24	2,732.61	9.69	9.27	-116.27	92.69	-524.95	194.91	175.75	19.16	10.175	
2,900.00	2,818.87	2,903.50	2,829.25	10.04	9.59	-116.39	98.73	-548.83	202.19	182.41	19.79	10.219	
3,000.00	2,915.04	3,003.77	2,925.89	10.40	9.92	-116.49	104.78	-572.71	209.48	189.03	20.45	10.245	
3,100.00	3,011.21	3,104.04	3,022.54	10.78	10.26	-116.59	110.82	-596.59	216.77	195.63	21.13	10.257	
3,200.00	3,107.39	3,204.30	3,119.18	11.16	10.61	-116.69	116.86	-620.47	224.05	202.21	21.84	10.257	
3,300.00	3,203.56	3,304.57	3,215.82	11.56	10.98	-116.78	122.90	-644.36	231.34	208.76	22.58	10.247	
3,400.00	3,299.74	3,404.84	3,312.47	11.97	11.35	-116.86	128.95	-668.24	238.63	215.30	23.33	10.229	
3,500.00	3,395.91	3,505.10	3,409.11	12.39	11.74	-116.94	134.99	-692.12	245.92	221.82	24.10	10.205	
3,600.00	3,492.08	3,605.37	3,505.75	12.82	12.13	-117.01	141.03	-716.00	253.21	228.32	24.88	10.175	
3,700.00	3,588.26	3,705.64	3,602.40	13.25	12.53	-117.08	147.08	-739.88	260.50	234.81	25.68	10.142	
3,800.00	3,684.43	3,805.90	3,699.04	13.69	12.93	-117.15	153.12	-763.76	267.78	241.29	26.50	10.106	
3,900.00	3,780.61	3,906.17	3,795.68	14.14	13.34	-117.21	159.16	-787.64	275.07	247.75	27.32	10.068	
4,000.00	3,876.78	3,993.57	3,892.33	14.59	13.71	-117.27	165.20	-811.53	282.37	254.26	28.11	10.047	
4,100.00	3,972.96	4,106.70	3,988.97	15.05	14.18	-117.32	171.25	-835.41	289.66	260.65	29.00	9.986	
4,200.00	4,069.13	4,206.97	4,085.61	15.51	14.61	-117.38	177.29	-859.29	296.95	267.09	29.86	9.945	
4,300.00	4,165.30	4,307.23	4,182.26	15.98	15.04	-117.43	183.33	-883.17	304.24	273.52	30.72	9.903	
4,400.00	4,261.48	4,407.50	4,278.90	16.45	15.47	-117.47	189.38	-907.05	311.53	279.94	31.59	9.861	
4,500.00	4,357.65	4,507.77	4,375.54	16.93	15.91	-117.52	195.42	-930.93	318.82	286.35	32.47	9.819	
4,600.00	4,453.83	4,608.03	4,472.19	17.40	16.35	-117.56	201.46	-954.81	326.11	292.76	33.36	9.777	
4,700.00	4,550.00	4,708.30	4,568.83	17.88	16.79	-117.61	207.50	-978.70	333.41	299.16	34.24	9.736	
4,800.00	4,646.17	4,808.57	4,665.47	18.37	17.24	-117.65	213.55	-1,002.58	340.70	305.56	35.14	9.695	
4,900.00	4,742.35	4,908.83	4,762.12	18.85	17.69	-117.68	219.59	-1,026.46	347.99	311.95	36.04	9.656	
5,000.00	4,838.52	5,009.10	4,858.76	19.34	18.14	-117.72	225.63	-1,050.34	355.28	318.34	36.94	9.617	
5,100.00	4,934.70	5,090.63	4,955.40	19.83	18.51	-117.76	231.68	-1,074.22	362.57	324.81	37.77	9.600	
5,200.00	5,030.87	5,209.63	5,052.05	20.32	19.05	-117.79	237.72	-1,098.10	369.87	331.10	38.77	9.541	
5,300.00	5,127.04	5,309.90	5,148.69	20.81	19.51	-117.82	243.76	-1,121.98	377.16	337.48	39.68	9.504	
5,400.00	5,223.22	5,389.83	5,245.33	21.31	19.87	-117.86	249.81	-1,145.87	384.45	343.94	40.51	9.490	
5,500.00	5,319.39	5,489.57	5,341.98	21.81	20.33	-117.89	255.85	-1,169.75	391.75	350.31	41.43	9.455	
5,600.00	5,415.57	5,589.30	5,438.62	22.30	20.79	-117.91	261.89	-1,193.63	399.04	356.68	42.36	9.421	
5,700.00	5,511.74	5,689.03	5,535.26	22.80	21.25	-117.94	267.93	-1,217.51	406.33	363.05	43.28	9.388	
5,800.00	5,607.92	5,788.77	5,631.91	23.31	21.71	-117.97	273.98	-1,241.39	413.63	369.42	44.21	9.356	
5,900.00	5,704.09	5,888.50	5,728.55	23.81	22.18	-118.00	280.02	-1,265.27	420.92	375.78	45.14	9.324	
6,000.00	5,800.26	5,988.24	5,825.19	24.31	22.64	-118.02	286.06	-1,289.15	428.21	382.14	46.08	9.293	
6,100.00	5,896.44	6,087.97	5,921.84	24.82	23.11	-118.05	292.11	-1,313.03	435.51	388.49	47.01	9.264	
6,200.00	5,992.61	6,187.70	6,018.48	25.32	23.57	-118.07	298.15	-1,336.92	442.80	394.85	47.95	9.234	
6,300.00	6,088.79	6,287.44	6,115.12	25.83	24.04	-118.09	304.19	-1,360.80	450.10	401.20	48.89	9.206	
6,400.00	6,184.96	6,387.17	6,211.77	26.34	24.51	-118.12	310.23	-1,384.68	457.39	407.56	49.83	9.179	



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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,281.16	6,486.23	6,308.14	26.83	24.88	-120.44	316.20	-1,406.70	464.72	414.09	50.63	9.178	
6,600.00	6,379.08	6,583.87	6,405.11	27.07	25.04	-154.33	321.79	-1,415.58	472.60	421.68	50.92	9.281	
6,700.00	6,478.03	6,680.68	6,501.52	27.21	25.13	145.59	326.87	-1,409.64	481.10	430.04	51.07	9.421	
6,800.00	6,575.56	6,776.78	6,595.25	27.30	25.20	117.06	331.36	-1,389.36	489.99	438.82	51.16	9.577	
6,900.00	6,669.27	6,872.30	6,684.37	27.38	25.28	105.83	335.15	-1,355.45	499.02	447.71	51.31	9.725	
7,000.00	6,756.86	6,967.36	6,767.06	27.49	25.43	99.96	338.20	-1,308.84	507.97	456.35	51.62	9.841	
7,100.00	6,836.17	7,062.09	6,841.69	27.69	25.69	96.32	340.44	-1,250.68	516.60	464.42	52.18	9.900	
7,200.00	6,905.24	7,156.64	6,906.79	28.02	26.12	93.87	341.83	-1,182.23	524.69	471.58	53.11	9.880	
7,300.00	6,962.38	7,251.13	6,961.03	28.55	26.74	92.17	342.34	-1,104.97	532.04	477.55	54.49	9.764	
7,400.00	7,006.18	7,345.69	7,003.30	29.31	27.61	91.01	341.97	-1,020.48	538.47	482.09	56.38	9.551	
7,500.00	7,035.56	7,440.43	7,032.68	30.31	28.72	90.30	340.73	-930.51	543.82	485.07	58.75	9.256	
7,600.00	7,049.79	7,535.46	7,048.43	31.54	30.02	89.99	338.62	-836.91	547.99	486.45	61.53	8.906	
7,700.00	7,052.59	7,633.20	7,052.10	32.96	31.54	89.99	335.73	-739.31	551.31	486.67	64.64	8.529	
7,800.00	7,054.78	7,733.14	7,054.20	34.58	33.25	89.98	332.67	-639.44	554.64	486.55	68.10	8.145	
7,900.00	7,056.98	7,833.09	7,056.30	36.39	35.14	89.97	329.62	-539.56	557.98	486.10	71.88	7.763	
8,000.00	7,059.17	7,933.03	7,058.40	38.36	37.17	89.96	326.57	-439.69	561.31	485.37	75.94	7.392	
8,100.00	7,061.36	8,032.97	7,060.50	40.45	39.32	89.95	323.52	-339.81	564.65	484.41	80.23	7.038	
8,200.00	7,063.56	8,132.92	7,062.60	42.66	41.58	89.95	320.46	-239.94	567.98	483.25	84.73	6.704	
8,300.00	7,065.75	8,232.86	7,064.70	44.95	43.91	89.94	317.41	-140.06	571.32	481.93	89.39	6.391	
8,400.00	7,067.95	8,332.81	7,066.81	47.33	46.33	89.93	314.36	-40.19	574.65	480.46	94.19	6.101	
8,500.00	7,070.14	8,432.75	7,068.91	49.77	48.80	89.92	311.30	59.69	577.98	478.86	99.12	5.831	
8,600.00	7,072.34	8,532.70	7,071.01	52.27	51.33	89.91	308.25	159.57	581.32	477.16	104.16	5.581	
8,700.00	7,074.53	8,632.64	7,073.11	54.82	53.90	89.90	305.20	259.44	584.65	475.37	109.28	5.350	
8,800.00	7,076.72	8,732.59	7,075.21	57.40	56.51	89.89	302.15	359.32	587.99	473.51	114.48	5.136	
8,900.00	7,078.92	8,832.53	7,077.31	60.03	59.15	89.89	299.09	459.19	591.32	471.57	119.75	4.938	
9,000.00	7,081.11	8,932.47	7,079.41	62.68	61.83	89.88	296.04	559.07	594.66	469.58	125.08	4.754	
9,100.00	7,083.31	9,032.45	7,081.52	65.37	64.53	89.85	292.99	658.98	596.76	466.29	130.47	4.574	
9,200.00	7,085.51	9,132.44	7,083.62	68.08	67.26	89.84	289.93	758.89	598.41	462.50	135.91	4.403	
9,300.00	7,087.71	9,232.42	7,085.72	70.82	70.00	89.83	286.88	858.81	600.05	458.67	141.38	4.244	
9,400.00	7,089.91	9,332.41	7,087.82	73.57	72.76	89.82	283.83	958.73	601.69	454.80	146.89	4.096	
9,500.00	7,092.11	9,432.40	7,089.93	76.33	75.54	89.81	280.77	1,058.65	603.34	450.90	152.44	3.958	
9,600.00	7,094.31	9,532.38	7,092.03	79.11	78.33	89.80	277.72	1,158.56	604.98	446.97	158.01	3.829	
9,700.00	7,096.50	9,632.37	7,094.13	81.91	81.14	89.80	274.67	1,258.48	606.62	443.02	163.60	3.708	
9,800.00	7,098.70	9,732.36	7,096.23	84.71	83.95	89.79	271.61	1,358.40	608.27	439.04	169.22	3.594	
9,900.00	7,100.90	9,832.34	7,098.33	87.53	86.78	89.78	268.56	1,458.32	609.91	435.05	174.86	3.488	
10,000.00	7,103.10	9,932.33	7,100.44	90.35	89.62	89.77	265.50	1,558.24	611.55	431.03	180.52	3.388	
10,100.00	7,105.30	10,032.31	7,102.54	93.19	92.46	89.76	262.45	1,658.15	613.20	427.00	186.20	3.293	
10,200.00	7,107.50	10,132.30	7,104.64	96.03	95.31	89.75	259.40	1,758.07	614.84	422.95	191.89	3.204	
10,300.00	7,109.70	10,232.29	7,106.74	98.88	98.17	89.75	256.34	1,857.99	616.49	418.88	197.60	3.120	
10,400.00	7,111.90	10,332.27	7,108.85	101.74	101.04	89.74	253.29	1,957.91	618.13	414.81	203.32	3.040	
10,500.00	7,114.10	10,432.26	7,110.95	104.60	103.91	89.73	250.23	2,057.82	619.77	410.72	209.05	2.965	
10,600.00	7,116.30	10,532.25	7,113.05	107.47	106.78	89.72	247.18	2,157.74	621.42	406.62	214.80	2.893	
10,700.00	7,118.50	10,632.23	7,115.15	110.34	109.67	89.71	244.13	2,257.66	623.06	402.51	220.55	2.825	
10,800.00	7,120.70	10,732.22	7,117.26	113.22	112.55	89.71	241.07	2,357.58	624.70	398.39	226.31	2.760	
10,900.00	7,122.89	10,832.21	7,119.36	116.11	115.44	89.70	238.02	2,457.49	626.35	394.26	232.09	2.699	
11,000.00	7,125.09	10,932.19	7,121.46	118.99	118.34	89.69	234.97	2,557.41	627.99	390.13	237.86	2.640	
11,100.00	7,127.29	11,032.18	7,123.56	121.88	121.24	89.68	231.91	2,657.33	629.63	385.98	243.65	2.584	
11,200.00	7,129.49	11,132.17	7,125.66	124.78	124.14	89.67	228.86	2,757.25	631.28	381.83	249.45	2.531	
11,300.00	7,131.69	11,232.15	7,127.77	127.68	127.04	89.67	225.80	2,857.17	632.92	377.67	255.25	2.480	
11,400.00	7,133.89	11,332.14	7,129.87	130.58	129.95	89.66	222.75	2,957.08	634.57	373.51	261.05	2.431	
11,500.00	7,136.09	11,432.12	7,131.97	133.48	132.86	89.65	219.70	3,057.00	636.21	369.34	266.87	2.384	
11,600.00	7,138.29	11,532.11	7,134.07	136.39	135.77	89.64	216.64	3,156.92	637.85	365.17	272.68	2.339	
11,700.00	7,140.49	11,632.10	7,136.18	139.30	138.69	89.63	213.59	3,256.84	639.50	360.99	278.51	2.296	
11,800.00	7,142.69	11,732.08	7,138.28	142.21	141.61	89.63	210.53	3,356.75	641.14	356.81	284.33	2.255	
11,900.00	7,144.89	11,832.07	7,140.38	145.12	144.53	89.62	207.48	3,456.67	642.78	352.62	290.17	2.215	
12,000.00	7,147.08	11,932.06	7,142.48	148.04	147.45	89.61	204.43	3,556.59	644.43	348.43	296.00	2.177	
12,100.00	7,149.28	12,032.04	7,144.59	150.95	150.37	89.60	201.37	3,656.51	646.07	344.23	301.84	2.140	
12,200.00	7,151.48	12,132.03	7,146.69	153.87	153.30	89.60	198.32	3,756.42	647.72	340.03	307.69	2.105	
12,300.00	7,153.68	12,232.02	7,148.79	156.80	156.23	89.59	195.26	3,856.34	649.36	335.83	313.53	2.071	
12,400.00	7,155.88	12,332.00	7,150.89	159.72	159.16	89.58	192.21	3,956.26	651.00	331.62	319.38	2.038	
12,500.00	7,158.08	12,431.99	7,152.99	162.64	162.09	89.57	189.16	4,056.18	652.65	327.41	325.24	2.007	
12,600.00	7,160.28	12,531.98	7,155.10	165.57	165.02	89.57	186.10	4,156.10	654.29	323.20	331.09	1.976	
12,700.00	7,162.48	12,631.96	7,157.20	168.50	167.95	89.56	183.05	4,256.01	655.93	318.98	336.95	1.947	
12,800.00	7,164.68	12,731.95	7,159.30	171.43	170.89	89.55	180.00	4,355.93	657.58	314.77	342.81	1.918	
12,900.00	7,166.88	12,831.94	7,161.40	174.36	173.82	89.54	176.94	4,455.85	659.22	310.55	348.68	1.891	
13,000.00	7,169.08	12,931.92	7,163.51	177.29	176.76	89.54	173.89	4,555.77	660.87	306.32	354.54	1.864	

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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,171.27	13,031.91	7,165.61	180.22	179.70	89.53	170.83	4,655.68	662.51	302.10	360.41	1.838	
13,200.00	7,173.47	13,131.89	7,167.71	183.15	182.64	89.52	167.78	4,755.60	664.15	297.87	366.28	1.813	
13,300.00	7,175.67	13,231.88	7,169.81	186.09	185.58	89.52	164.73	4,855.52	665.80	293.64	372.15	1.789	
13,400.00	7,177.87	13,331.87	7,171.91	189.02	188.52	89.51	161.67	4,955.44	667.44	289.41	378.03	1.766	
13,500.00	7,180.07	13,431.85	7,174.02	191.96	191.46	89.50	158.62	5,055.35	669.09	285.18	383.91	1.743	
13,600.00	7,182.27	13,531.84	7,176.12	194.90	194.40	89.50	155.56	5,155.27	670.73	280.95	389.78	1.721	
13,700.00	7,184.47	13,631.83	7,178.22	197.83	197.34	89.49	152.51	5,255.19	672.37	276.71	395.66	1.699	
13,800.00	7,186.67	13,736.55	7,180.42	200.77	200.43	89.48	149.38	5,359.84	673.96	272.26	401.71	1.678	
13,900.00	7,188.87	13,867.27	7,183.18	203.71	204.25	89.47	149.29	5,490.52	672.62	264.49	408.14	1.648	
14,000.00	7,191.07	13,983.87	7,185.64	206.65	207.64	89.46	153.88	5,607.00	667.19	253.26	413.93	1.612	
14,100.00	7,193.27	14,083.68	7,187.75	209.60	210.55	89.44	158.58	5,706.68	661.08	241.30	419.78	1.575	
14,200.00	7,195.46	14,183.50	7,189.86	212.54	213.46	89.43	163.28	5,806.36	654.97	229.33	425.63	1.539	
14,300.00	7,197.66	14,283.31	7,191.97	215.48	216.37	89.42	167.97	5,906.04	648.86	217.37	431.49	1.504	
14,400.00	7,199.86	14,383.12	7,194.08	218.42	219.28	89.41	172.67	6,005.72	642.74	205.40	437.34	1.470	Level 3
14,500.00	7,202.06	14,482.93	7,196.19	221.37	222.19	89.39	177.36	6,105.40	636.63	193.43	443.20	1.436	Level 3
14,600.00	7,204.26	14,582.75	7,198.30	224.31	225.10	89.38	182.06	6,205.08	630.52	181.46	449.06	1.404	Level 3
14,700.00	7,206.46	14,682.56	7,200.41	227.26	228.01	89.37	186.75	6,304.76	624.41	169.49	454.92	1.373	Level 3
14,800.00	7,208.66	14,782.37	7,202.52	230.20	230.93	89.35	191.45	6,404.44	618.29	157.52	460.77	1.342	Level 3
14,900.00	7,210.86	14,882.19	7,204.63	233.15	233.84	89.34	196.14	6,504.12	612.18	145.55	466.63	1.312	Level 3
15,000.00	7,213.06	14,982.00	7,206.74	236.10	236.76	89.32	200.84	6,603.80	606.07	133.58	472.50	1.283	Level 3
15,100.00	7,215.26	15,081.81	7,208.85	239.04	239.67	89.31	205.53	6,703.48	599.96	121.60	478.36	1.254	Level 3
15,200.00	7,217.46	15,181.62	7,210.96	241.99	242.59	89.30	210.23	6,803.16	593.85	109.63	484.22	1.226	Level 2
15,300.00	7,219.65	15,281.44	7,213.07	244.94	245.51	89.28	214.92	6,902.84	587.73	97.65	490.08	1.199	Level 2
15,400.00	7,221.85	15,381.25	7,215.18	247.89	248.43	89.26	219.62	7,002.52	581.62	85.68	495.95	1.173	Level 2
15,500.00	7,224.05	15,481.06	7,217.29	250.84	251.34	89.25	224.31	7,102.20	575.51	73.70	501.81	1.147	Level 2
15,600.00	7,226.25	15,580.88	7,219.40	253.79	254.26	89.23	229.01	7,201.88	569.40	61.72	507.68	1.122	Level 2
15,700.00	7,228.45	15,680.69	7,221.51	256.74	257.18	89.22	233.70	7,301.56	563.29	49.74	513.54	1.097	Level 2
15,800.00	7,230.65	15,780.50	7,223.62	259.69	260.10	89.20	238.40	7,401.24	557.18	37.77	519.41	1.073	Level 2
15,900.00	7,232.85	15,880.31	7,225.73	262.64	263.02	89.18	243.09	7,500.92	551.06	25.79	525.28	1.049	Level 2
16,000.00	7,235.05	15,980.13	7,227.85	265.59	265.94	89.16	247.79	7,600.60	544.95	13.81	531.14	1.026	Level 2
16,100.00	7,237.25	16,079.94	7,229.96	268.54	268.87	89.15	252.48	7,700.28	538.84	1.83	537.01	1.003	Level 2
16,200.00	7,239.45	16,179.75	7,232.07	271.49	271.79	89.13	257.18	7,799.96	532.73	-10.15	542.88	0.981	Level 1
16,300.00	7,241.65	16,279.57	7,234.18	274.44	274.71	89.11	261.87	7,899.64	526.62	-22.13	548.75	0.960	Level 1
16,400.00	7,243.84	16,379.38	7,236.29	277.40	277.63	89.09	266.57	7,999.32	520.51	-34.11	554.62	0.938	Level 1
16,500.00	7,246.04	16,479.19	7,238.40	280.35	280.55	89.07	271.26	8,099.00	514.39	-46.09	560.49	0.918	Level 1
16,600.00	7,248.24	16,579.01	7,240.51	283.30	283.48	89.05	275.96	8,198.68	508.28	-58.07	566.36	0.897	Level 1
16,700.00	7,250.44	16,678.82	7,242.62	286.25	286.40	89.03	280.66	8,298.36	502.17	-70.06	572.23	0.878	Level 1
16,800.00	7,252.64	16,778.63	7,244.73	289.21	289.33	89.01	285.35	8,398.04	496.06	-82.04	578.10	0.858	Level 1
16,900.00	7,254.84	16,878.44	7,246.84	292.16	292.25	88.98	290.05	8,497.72	489.95	-94.02	583.97	0.839	Level 1
17,000.00	7,257.04	16,978.26	7,248.95	295.12	295.17	88.96	294.74	8,597.40	483.84	-106.00	589.84	0.820	Level 1
17,100.00	7,259.24	17,078.07	7,251.06	298.07	298.10	88.94	299.44	8,697.08	477.73	-117.98	595.71	0.802	Level 1
17,200.00	7,261.44	17,177.88	7,253.17	301.02	301.02	88.92	304.13	8,796.76	471.62	-129.97	601.58	0.784	Level 1
17,300.00	7,263.64	17,277.70	7,255.28	303.98	303.95	88.89	308.83	8,896.44	465.51	-141.95	607.45	0.766	Level 1
17,400.00	7,265.84	17,377.51	7,257.39	306.93	306.88	88.87	313.52	8,996.12	459.40	-153.93	613.33	0.749	Level 1
17,500.00	7,268.04	17,477.32	7,259.50	309.89	309.80	88.84	318.22	9,095.80	453.29	-165.91	619.20	0.732	Level 1
17,589.36	7,270.00	17,548.47	7,261.00	312.53	311.89	88.82	321.56	9,166.86	448.19	-176.55	624.74	0.717	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							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	90.46	-1.45	180.15	180.15				
100.00	100.00	103.00	97.00	3.28	3.28	90.46	-1.45	180.15	180.15	172.63	7.53	23.933	
200.00	200.00	203.00	197.00	3.30	3.30	90.46	-1.45	180.15	180.15	172.58	7.57	23.800	
203.13	203.13	200.13	200.13	3.30	3.30	151.36	-1.45	180.15	180.16	172.59	7.57	23.800	
300.00	300.00	299.07	299.07	3.35	3.35	151.33	-1.14	179.87	180.27	172.61	7.65	23.555	
400.00	399.93	403.47	403.39	3.41	3.41	151.01	1.62	177.41	180.96	173.18	7.78	23.264	
500.00	499.68	507.83	507.48	3.50	3.51	150.35	7.20	172.44	182.29	174.34	7.95	22.941	
600.00	599.13	612.12	611.16	3.61	3.63	149.37	15.61	164.94	184.29	176.13	8.16	22.589	
700.00	698.15	715.65	713.61	3.75	3.78	148.11	26.71	155.06	187.03	178.61	8.42	22.209	
800.00	796.63	815.48	812.21	3.93	3.96	147.17	38.37	144.67	191.99	183.24	8.74	21.957	
900.00	894.44	915.15	910.66	4.16	4.15	146.79	50.01	134.30	199.89	190.78	9.12	21.930	
1,000.00	991.46	1,014.56	1,008.84	4.43	4.37	146.92	61.62	123.95	210.71	201.18	9.53	22.102	
1,100.00	1,087.73	1,113.64	1,106.70	4.76	4.61	147.51	73.19	113.64	224.01	214.01	9.99	22.415	
1,200.00	1,183.91	1,212.67	1,204.51	5.12	4.86	148.12	84.76	103.33	237.63	227.15	10.48	22.671	
1,300.00	1,280.08	1,311.71	1,302.33	5.51	5.13	148.67	96.33	93.03	251.27	240.28	11.00	22.848	
1,400.00	1,376.25	1,410.75	1,400.15	5.93	5.40	149.17	107.90	82.72	264.94	253.40	11.54	22.965	
1,500.00	1,472.43	1,509.79	1,497.97	6.36	5.69	149.61	119.46	72.41	278.62	266.52	12.10	23.034	
1,600.00	1,568.60	1,608.82	1,595.79	6.80	5.98	150.02	131.03	62.11	292.32	279.65	12.67	23.068	
1,700.00	1,664.78	1,707.86	1,693.60	7.26	6.26	150.39	142.60	51.80	306.03	292.78	13.25	23.093	
1,800.00	1,760.95	1,806.90	1,791.42	7.51	6.42	150.72	154.17	41.50	319.75	306.56	13.19	24.247	
1,900.00	1,857.12	1,905.94	1,889.24	7.60	6.46	151.03	165.73	31.19	333.48	320.24	13.25	25.176	
2,000.00	1,953.30	2,004.97	1,987.06	7.71	6.52	151.32	177.30	20.88	347.22	333.88	13.35	26.017	
2,100.00	2,049.47	2,104.01	2,084.88	7.86	6.60	151.58	188.87	10.58	360.97	347.49	13.49	26.767	
2,200.00	2,145.65	2,203.05	2,182.70	8.04	6.69	151.82	200.44	0.27	374.73	361.06	13.66	27.425	
2,300.00	2,241.82	2,302.09	2,280.51	8.26	6.81	152.05	212.00	-10.04	388.49	374.61	13.88	27.991	
2,400.00	2,337.99	2,401.12	2,378.33	8.50	6.94	152.26	223.57	-20.34	402.26	388.13	14.13	28.470	
2,500.00	2,434.17	2,500.16	2,476.15	8.76	7.09	152.46	235.14	-30.65	416.03	401.62	14.41	28.868	
2,600.00	2,530.34	2,600.80	2,573.97	9.05	7.25	152.64	246.71	-40.96	429.80	415.08	14.73	29.185	
2,700.00	2,626.52	2,701.76	2,671.79	9.36	7.43	152.81	258.27	-51.26	443.58	428.51	15.07	29.431	
2,800.00	2,722.69	2,802.73	2,769.60	9.69	7.62	152.97	269.84	-61.57	457.37	441.92	15.44	29.615	
2,900.00	2,818.87	2,903.69	2,867.42	10.04	7.82	153.13	281.41	-71.88	471.16	455.32	15.84	29.744	
3,000.00	2,915.04	3,004.65	2,965.24	10.40	8.04	153.27	292.98	-82.18	484.95	468.69	16.26	29.825	
3,100.00	3,011.21	3,105.62	3,063.06	10.78	8.27	153.41	304.54	-92.49	498.74	482.04	16.70	29.864	
3,200.00	3,107.39	3,193.42	3,160.88	11.16	8.47	153.54	316.11	-102.79	512.54	495.40	17.13	29.915	
3,300.00	3,203.56	3,292.46	3,258.69	11.56	8.71	153.66	327.68	-113.10	526.33	508.73	17.61	29.897	
3,400.00	3,299.74	3,408.50	3,356.51	11.97	9.00	153.77	339.25	-123.41	540.14	522.00	18.13	29.790	
3,500.00	3,395.91	3,509.47	3,454.33	12.39	9.26	153.88	350.81	-133.71	553.94	535.30	18.64	29.717	
3,600.00	3,492.08	3,589.57	3,552.15	12.82	9.47	153.99	362.38	-144.02	567.74	548.63	19.11	29.704	
3,700.00	3,588.26	3,688.61	3,649.97	13.25	9.74	154.09	373.95	-154.33	581.55	561.91	19.64	29.608	
3,800.00	3,684.43	3,787.65	3,747.78	13.69	10.01	154.18	385.52	-164.63	595.36	575.18	20.18	29.499	
3,900.00	3,780.61	3,886.68	3,845.60	14.14	10.29	154.27	397.08	-174.94	609.17	588.43	20.73	29.382	
4,000.00	3,876.78	3,985.72	3,943.42	14.59	10.57	154.36	408.65	-185.25	622.98	601.69	21.29	29.257	
4,100.00	3,972.96	4,084.76	4,041.24	15.05	10.85	154.44	420.22	-195.55	636.79	614.93	21.86	29.128	
4,200.00	4,069.13	4,183.80	4,139.06	15.51	11.15	154.52	431.79	-205.86	650.61	628.17	22.44	28.994	
4,300.00	4,165.30	4,282.83	4,236.87	15.98	11.44	154.60	443.35	-216.16	664.42	641.40	23.02	28.858	
4,400.00	4,261.48	4,381.87	4,334.69	16.45	11.74	154.67	454.92	-226.47	678.24	654.62	23.62	28.720	
4,500.00	4,357.65	4,480.91	4,432.51	16.93	12.04	154.74	466.49	-236.78	692.05	667.84	24.21	28.582	
4,600.00	4,453.83	4,579.95	4,530.33	17.40	12.34	154.81	478.06	-247.08	705.87	681.05	24.82	28.443	
4,700.00	4,550.00	4,678.98	4,628.15	17.88	12.65	154.88	489.62	-257.39	719.69	694.26	25.43	28.305	
4,800.00	4,646.17	4,778.02	4,725.96	18.37	12.96	154.94	501.19	-267.70	733.51	707.47	26.04	28.168	
4,900.00	4,742.35	4,877.06	4,823.78	18.85	13.27	155.00	512.76	-278.00	747.33	720.67	26.66	28.033	
5,000.00	4,838.52	4,976.09	4,921.60	19.34	13.59	155.06	524.33	-288.31	761.15	733.87	27.28	27.899	
5,100.00	4,934.70	5,075.13	5,019.42	19.83	13.90	155.11	535.89	-298.62	774.97	747.06	27.91	27.767	
5,200.00	5,030.87	5,174.17	5,117.24	20.32	14.22	155.17	547.46	-308.92	788.80	760.26	28.54	27.637	
5,300.00	5,127.04	5,273.21	5,215.05	20.81	14.54	155.22	559.03	-319.23	802.62	773.44	29.18	27.509	
5,400.00	5,223.22	5,372.24	5,312.87	21.31	14.87	155.27	570.60	-329.54	816.44	786.63	29.81	27.384	
5,500.00	5,319.39	5,471.28	5,410.69	21.81	15.19	155.32	582.16	-339.84	830.27	799.81	30.46	27.261	
5,600.00	5,415.57	5,570.32	5,508.51	22.30	15.51	155.36	593.73	-350.15	844.09	812.99	31.10	27.141	
5,700.00	5,511.74	5,669.36	5,606.33	22.80	15.84	155.41	605.30	-360.45	857.92	826.17	31.75	27.024	
5,800.00	5,607.92	5,768.39	5,704.14	23.31	16.17	155.45	616.87	-370.76	871.75	839.35	32.40	26.909	
5,900.00	5,704.09	5,867.43	5,801.96	23.81	16.50	155.50	628.43	-381.07	885.57	852.53	33.05	26.796	
6,000.00	5,800.26	5,966.47	5,899.78	24.31	16.83	155.54	640.00	-391.37	899.40	865.70	33.70	26.687	
6,100.00	5,896.44	6,065.51	5,997.60	24.82	17.16	155.58	651.57	-401.68	913.23	878.87	34.36	26.579	
6,200.00	5,992.61	6,164.54	6,095.42	25.32	17.49	155.62	663.14	-411.99	927.06	892.04	35.02	26.474	
6,300.00	6,088.79	6,263.58	6,193.24	25.83	17.82	155.65	674.70	-422.29	940.89	905.21	35.68	26.372	
6,400.00	6,184.96	6,362.62	6,291.05	26.34	18.16	155.69	686.27	-432.60	954.71	918.38	36.34	26.272	

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	6,281.16	7,909.85	7,151.93	26.83	36.14	-178.00	766.84	-1,395.55	873.89	844.34	29.55	29.571	
6,600.00	6,379.08	7,904.82	7,152.03	27.07	36.02	-177.34	766.50	-1,410.21	776.44	746.49	29.95	25.926	
6,700.00	6,478.03	7,903.86	7,152.02	27.21	35.99	169.18	766.52	-1,409.25	678.24	647.80	30.44	22.279	
6,800.00	6,575.56	7,887.29	7,151.91	27.30	35.60	164.71	766.91	-1,392.68	581.88	550.88	31.00	18.771	
6,900.00	6,669.27	7,855.51	7,151.71	27.38	34.86	163.33	767.66	-1,360.92	489.95	458.24	31.71	15.450	
7,000.00	6,756.86	7,809.32	7,151.41	27.49	33.79	161.41	768.75	-1,314.74	405.01	372.29	32.71	12.381	
7,100.00	6,836.17	7,749.84	7,151.03	27.69	32.47	158.48	770.15	-1,255.28	329.52	295.32	34.20	9.634	
7,200.00	6,905.24	7,678.55	7,150.57	28.02	30.92	154.32	771.83	-1,184.01	265.79	229.43	36.36	7.310	
7,300.00	6,962.38	7,602.81	7,150.05	28.55	29.35	148.89	773.74	-1,102.67	215.63	176.35	39.27	5.491	
7,400.00	7,006.18	7,487.38	7,141.40	29.31	27.14	138.99	775.36	-993.35	175.17	132.89	42.28	4.143	
7,500.00	7,035.56	7,385.79	7,116.95	30.31	25.38	124.99	774.80	-894.85	140.88	93.85	47.03	2.995	
7,600.00	7,049.79	7,292.90	7,081.26	31.54	23.98	106.43	772.58	-809.21	119.67	67.20	52.47	2.281	
7,652.94	7,052.64	7,247.35	7,059.32	32.29	23.37	94.78	770.90	-769.34	116.30	61.79	54.51	2.134	CC, ES, SF
7,700.00	7,052.59	7,208.74	7,038.56	32.96	22.90	84.80	769.18	-736.84	118.98	63.88	55.10	2.159	
7,800.00	7,054.78	7,137.72	6,995.42	34.58	22.13	65.63	765.34	-680.61	146.18	93.30	52.87	2.765	
7,900.00	7,056.98	7,078.57	6,954.94	36.39	21.57	52.45	761.49	-637.68	197.24	147.71	49.53	3.982	
8,000.00	7,059.17	7,029.33	6,918.34	38.36	21.15	44.01	757.86	-604.94	262.86	215.55	47.31	5.556	
8,100.00	7,061.36	6,988.16	6,885.91	40.45	20.84	38.49	754.56	-579.83	337.19	291.17	46.02	7.327	
8,200.00	7,063.56	6,950.00	6,854.46	42.66	20.57	34.39	751.28	-558.47	417.16	371.96	45.20	9.229	
8,300.00	7,065.75	6,924.10	6,832.42	44.95	20.41	32.04	748.94	-545.07	500.97	456.22	44.75	11.194	
8,400.00	7,067.95	6,900.00	6,811.45	47.33	20.26	30.14	746.69	-533.42	587.64	543.23	44.41	13.231	
8,500.00	7,070.14	6,877.21	6,791.23	49.77	20.13	28.54	744.50	-523.15	676.45	632.29	44.16	15.319	
8,600.00	7,072.34	6,850.00	6,766.62	52.27	19.97	26.85	741.80	-511.84	767.01	723.05	43.96	17.448	
8,700.00	7,074.53	6,850.00	6,766.62	54.82	19.97	26.85	741.80	-511.84	858.78	814.98	43.80	19.606	
8,800.00	7,076.72	6,827.15	6,745.61	57.40	19.86	25.60	739.47	-503.17	951.53	907.85	43.68	21.783	
8,900.00	7,078.92	6,814.17	6,733.54	60.03	19.79	24.95	738.13	-498.59	1,045.24	1,001.67	43.58	23.987	
9,000.00	7,081.11	6,800.00	6,720.27	62.68	19.72	24.28	736.64	-493.86	1,139.68	1,096.19	43.49	26.206	

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	
0.00	0.00	3.00	-3.00	3.28	3.28	103.00	-41.53	179.87	184.60					
100.00	100.00	103.00	97.00	3.28	3.28	103.00	-41.53	179.87	184.60	177.07	7.53	24.524		
200.00	200.00	203.00	197.00	3.30	3.30	103.00	-41.53	179.87	184.60	177.03	7.57	24.387		
300.00	300.00	300.10	300.10	3.35	3.35	163.90	-41.31	179.49	184.63	176.97	7.65	24.125		
400.00	399.93	406.71	406.63	3.41	3.41	163.89	-39.45	176.12	184.51	176.73	7.78	23.731		
500.00	499.68	513.30	512.93	3.50	3.51	163.87	-35.66	169.30	184.17	176.24	7.94	23.208		
590.19	589.39	608.22	607.29	3.60	3.62	163.83	-30.71	160.36	183.73	175.62	8.12	22.641	CC	
600.00	599.13	618.03	617.04	3.61	3.64	163.84	-30.15	159.34	183.75	175.61	8.14	22.580	ES	
700.00	698.15	718.00	716.31	3.75	3.78	164.01	-24.41	148.99	185.76	177.36	8.39	22.128		
800.00	796.63	817.84	815.44	3.93	3.94	164.45	-18.68	138.65	191.12	182.43	8.69	21.986		
900.00	894.44	917.43	914.33	4.16	4.12	165.11	-12.96	128.34	199.87	190.83	9.03	22.128		
1,000.00	991.46	1,016.63	1,012.83	4.43	4.32	165.92	-7.27	118.06	212.00	202.59	9.41	22.530		
1,100.00	1,087.73	1,115.43	1,110.94	4.76	4.54	166.85	-1.59	107.83	227.04	217.22	9.82	23.116		
1,200.00	1,183.91	1,214.17	1,208.98	5.12	4.76	167.70	4.07	97.61	242.47	232.22	10.25	23.647		
1,300.00	1,280.08	1,312.91	1,307.03	5.51	5.00	168.45	9.74	87.38	257.95	247.24	10.71	24.084		
1,400.00	1,376.25	1,411.65	1,405.08	5.93	5.25	169.12	15.41	77.16	273.47	262.28	11.19	24.445		
1,500.00	1,472.43	1,510.39	1,503.12	6.36	5.50	169.72	21.08	66.93	289.02	277.33	11.68	24.739		
1,600.00	1,568.60	1,609.14	1,601.17	6.80	5.76	170.25	26.75	56.70	304.59	292.40	12.19	24.980		
1,700.00	1,664.78	1,707.88	1,699.22	7.26	6.02	170.73	32.41	46.48	320.20	307.49	12.71	25.194		
1,800.00	1,760.95	1,806.62	1,797.26	7.51	6.15	171.17	38.08	36.25	335.82	323.21	12.61	26.635		
1,900.00	1,857.12	1,905.36	1,895.31	7.60	6.18	171.57	43.75	26.03	351.45	338.81	12.65	27.792		
2,000.00	1,953.30	2,004.10	1,993.36	7.71	6.23	171.94	49.42	15.80	367.11	354.39	12.72	28.864		
2,100.00	2,049.47	2,102.84	2,091.40	7.86	6.29	172.27	55.09	5.58	382.77	369.95	12.83	29.845		
2,200.00	2,145.65	2,201.58	2,189.45	8.04	6.37	172.58	60.75	-4.65	398.45	385.49	12.97	30.731		
2,300.00	2,241.82	2,300.33	2,287.50	8.26	6.47	172.86	66.42	-14.87	414.14	401.00	13.14	31.521		
2,400.00	2,337.99	2,400.93	2,385.54	8.50	6.58	173.13	72.09	-25.10	429.84	416.50	13.34	32.212		
2,500.00	2,434.17	2,502.19	2,483.59	8.76	6.70	173.38	77.76	-35.33	445.55	431.97	13.58	32.809		
2,600.00	2,530.34	2,596.55	2,581.64	9.05	6.83	173.60	83.43	-45.55	461.26	447.42	13.84	33.337		
2,700.00	2,626.52	2,704.71	2,679.68	9.36	6.99	173.82	89.09	-55.78	476.98	462.85	14.14	33.744		
2,800.00	2,722.69	2,805.97	2,777.73	9.69	7.16	174.02	94.76	-66.00	492.71	478.26	14.45	34.094		
2,900.00	2,818.87	2,907.23	2,875.78	10.04	7.34	174.21	100.43	-76.23	508.44	493.65	14.79	34.375		
3,000.00	2,915.04	3,008.48	2,973.82	10.40	7.52	174.38	106.10	-86.45	524.18	509.03	15.15	34.595		
3,100.00	3,011.21	3,109.74	3,071.87	10.78	7.72	174.55	111.77	-96.68	539.92	524.39	15.53	34.759		
3,200.00	3,107.39	3,189.00	3,169.92	11.16	7.88	174.71	117.43	-106.90	555.67	539.77	15.90	34.958		
3,300.00	3,203.56	3,287.74	3,267.96	11.56	8.09	174.86	123.10	-117.13	571.42	555.11	16.31	35.043		
3,400.00	3,299.74	3,386.48	3,366.01	11.97	8.30	175.00	128.77	-127.36	587.17	570.44	16.73	35.091		
3,500.00	3,395.91	3,485.22	3,464.06	12.39	8.52	175.13	134.44	-137.58	602.93	585.75	17.17	35.107		
3,600.00	3,492.08	3,583.96	3,562.11	12.82	8.75	175.26	140.11	-147.81	618.69	601.06	17.63	35.096		
3,700.00	3,588.26	3,682.71	3,660.15	13.25	8.98	175.38	145.77	-158.03	634.45	616.35	18.10	35.062		
3,800.00	3,684.43	3,781.45	3,758.20	13.69	9.22	175.49	151.44	-168.26	650.22	631.64	18.57	35.008		
3,900.00	3,780.61	3,880.19	3,856.25	14.14	9.46	175.60	157.11	-178.48	665.98	646.92	19.06	34.938		
4,000.00	3,876.78	3,978.93	3,954.29	14.59	9.71	175.70	162.78	-188.71	681.75	662.19	19.56	34.854		
4,100.00	3,972.96	4,077.67	4,052.34	15.05	9.96	175.80	168.45	-198.93	697.52	677.46	20.07	34.759		
4,200.00	4,069.13	4,176.41	4,150.39	15.51	10.22	175.90	174.11	-209.16	713.30	692.72	20.58	34.655		
4,300.00	4,165.30	4,275.15	4,248.43	15.98	10.48	175.99	179.78	-219.39	729.07	707.97	21.11	34.543		
4,400.00	4,261.48	4,373.89	4,346.48	16.45	10.75	176.07	185.45	-229.61	744.85	723.22	21.64	34.426		
4,500.00	4,357.65	4,472.64	4,444.53	16.93	11.01	176.16	191.12	-239.84	760.63	738.46	22.17	34.304		
4,600.00	4,453.83	4,571.38	4,542.57	17.40	11.28	176.24	196.79	-250.06	776.41	753.69	22.72	34.178		
4,700.00	4,550.00	4,670.12	4,640.62	17.88	11.56	176.31	202.45	-260.29	792.19	768.93	23.27	34.051		
4,800.00	4,646.17	4,768.86	4,738.67	18.37	11.83	176.39	208.12	-270.51	807.98	784.16	23.82	33.922		
4,900.00	4,742.35	4,867.60	4,836.71	18.85	12.11	176.46	213.79	-280.74	823.76	799.38	24.38	33.791		
5,000.00	4,838.52	4,966.34	4,934.76	19.34	12.39	176.52	219.46	-290.96	839.55	814.61	24.94	33.661		
5,100.00	4,934.70	5,065.08	5,032.81	19.83	12.67	176.59	225.13	-301.19	855.33	829.82	25.51	33.531		
5,200.00	5,030.87	5,163.83	5,130.85	20.32	12.95	176.65	230.79	-311.42	871.12	845.04	26.08	33.401		
5,300.00	5,127.04	5,262.57	5,228.90	20.81	13.24	176.71	236.46	-321.64	886.91	860.25	26.66	33.272		
5,400.00	5,223.22	5,361.31	5,326.95	21.31	13.53	176.77	242.13	-331.87	902.70	875.46	27.24	33.145		
5,500.00	5,319.39	5,460.05	5,424.99	21.81	13.82	176.83	247.80	-342.09	918.49	890.67	27.82	33.019		
5,600.00	5,415.57	5,558.79	5,523.04	22.30	14.11	176.89	253.47	-352.32	934.28	905.88	28.40	32.894		
5,700.00	5,511.74	5,657.53	5,621.09	22.80	14.40	176.94	259.13	-362.54	950.07	921.08	28.99	32.771		
5,800.00	5,607.92	5,756.27	5,719.13	23.31	14.69	176.99	264.80	-372.77	965.87	936.29	29.58	32.651		
5,900.00	5,704.09	5,855.02	5,817.18	23.81	14.99	177.04	270.47	-382.99	981.66	951.49	30.18	32.532		
6,000.00	5,800.26	5,953.76	5,915.23	24.31	15.28	177.09	276.14	-393.22	997.46	966.68	30.77	32.415		
6,100.00	5,896.44	6,052.50	6,013.27	24.82	15.58	177.13	281.81	-403.45	1,013.25	981.88	31.37	32.300		
6,200.00	5,992.61	6,151.24	6,111.32	25.32	15.88	177.18	287.47	-413.67	1,029.05	997.08	31.97	32.188		
6,300.00	6,088.79	6,249.98	6,209.37	25.83	16.18	177.22	293.14	-423.90	1,044.84	1,012.27	32.57	32.078		
6,400.00	6,184.96	7,835.51	7,152.82	26.34	34.26	-141.87	342.37	-1,372.19	1,059.59	1,022.98	36.61	28.939		

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	6,281.16	7,859.54	7,152.89	26.83	34.84	-140.40	342.22	-1,396.22	978.23	939.48	38.75	25.242			
6,600.00	6,379.08	7,874.11	7,152.94	27.07	35.19	-159.93	342.14	-1,410.79	898.56	857.44	41.12	21.852			
6,700.00	6,478.03	7,873.05	7,152.93	27.21	35.17	151.86	342.14	-1,409.73	822.20	778.52	43.68	18.823			
6,800.00	6,575.56	7,856.37	7,152.89	27.30	34.76	131.68	342.24	-1,393.05	752.26	705.92	46.34	16.233			
6,900.00	6,669.27	7,824.49	7,152.79	27.38	33.99	125.40	342.44	-1,361.17	691.52	642.60	48.93	14.134			
7,000.00	6,756.86	7,778.19	7,152.65	27.49	32.88	121.65	342.72	-1,314.87	642.11	590.92	51.19	12.543			
7,100.00	6,836.17	7,718.61	7,152.48	27.69	31.49	117.90	343.08	-1,255.30	605.00	552.10	52.89	11.438			
7,200.00	6,905.24	7,647.23	7,152.27	28.02	29.88	113.72	343.51	-1,183.91	579.67	525.78	53.89	10.756			
7,300.00	6,962.38	7,565.79	7,152.03	28.55	28.10	109.37	344.01	-1,102.48	564.28	510.05	54.23	10.405			
7,400.00	7,006.18	7,458.79	7,144.07	29.31	25.92	104.04	344.21	-995.89	554.80	501.12	53.68	10.335			
7,500.00	7,035.56	7,359.57	7,120.92	30.31	24.06	98.93	343.46	-899.52	548.61	495.08	53.53	10.249			
7,600.00	7,049.79	7,268.35	7,086.70	31.54	22.55	94.17	341.99	-815.07	545.94	492.16	53.78	10.152			
7,621.88	7,051.12	7,249.40	7,078.09	31.85	22.26	93.15	341.59	-798.18	545.83	491.95	53.88	10.130			
7,700.00	7,052.59	7,185.31	7,045.35	32.96	21.37	89.61	340.02	-743.14	547.16	492.81	54.35	10.067			
7,800.00	7,054.78	7,114.80	7,003.16	34.58	20.52	85.09	337.91	-686.73	555.03	499.83	55.19	10.056 SF			
7,900.00	7,056.98	7,055.73	6,963.20	36.39	19.90	80.92	335.84	-643.31	571.82	515.81	56.01	10.210			
8,000.00	7,059.17	7,006.33	6,926.81	38.36	19.44	77.25	333.92	-609.97	598.70	542.11	56.59	10.580			
8,100.00	7,061.36	6,964.87	6,894.36	40.45	19.10	74.09	332.19	-584.24	635.75	578.90	56.85	11.183			
8,200.00	7,063.56	6,929.85	6,865.69	42.66	18.84	71.40	330.64	-564.19	682.28	625.48	56.80	12.011			
8,300.00	7,065.75	6,900.00	6,840.42	44.95	18.62	69.12	329.26	-548.37	737.15	680.64	56.52	13.043			
8,400.00	7,067.95	6,874.51	6,818.27	47.33	18.46	67.18	328.04	-535.81	799.10	743.02	56.09	14.248			
8,500.00	7,070.14	6,850.00	6,796.52	49.77	18.31	65.34	326.84	-524.58	866.93	811.38	55.55	15.607			
8,600.00	7,072.34	6,833.18	6,781.35	52.27	18.21	64.10	326.00	-517.37	939.58	884.57	55.01	17.080			
8,700.00	7,074.53	6,816.30	6,765.94	54.82	18.12	62.86	325.14	-510.53	1,016.17	961.72	54.45	18.661			
8,800.00	7,076.72	6,800.00	6,750.90	57.40	18.03	61.69	324.30	-504.32	1,096.01	1,042.10	53.91	20.330			
8,900.00	7,078.92	6,800.00	6,750.90	60.03	18.03	61.69	324.30	-504.32	1,178.66	1,125.24	53.42	22.065			

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	3.00	-3.00	3.28	3.28	96.81	-21.49	179.87	181.15					
100.00	100.00	103.00	97.00	3.28	3.28	96.81	-21.49	179.87	181.15	173.62	7.53	24.065		
200.00	200.00	203.00	197.00	3.30	3.30	96.81	-21.49	179.87	181.15	173.58	7.57	23.931	CC	
300.00	300.00	299.76	299.76	3.35	3.35	157.70	-21.24	179.52	181.20	173.54	7.65	23.676		
400.00	399.93	405.64	405.56	3.41	3.41	157.57	-19.04	176.42	181.28	173.50	7.78	23.311		
500.00	499.68	511.51	511.14	3.50	3.51	157.29	-14.58	170.15	181.35	173.41	7.94	22.843		
600.00	599.13	617.35	616.34	3.61	3.64	156.86	-7.87	160.70	181.41	173.27	8.14	22.284	ES	
700.00	698.15	717.61	715.76	3.75	3.78	156.57	-0.34	150.11	182.93	174.53	8.40	21.776		
800.00	796.63	817.50	814.80	3.93	3.95	156.68	7.16	139.55	187.65	178.95	8.70	21.558		
900.00	894.44	917.16	913.62	4.16	4.14	157.17	14.65	129.01	195.58	186.53	9.05	21.609		
1,000.00	991.46	1,016.48	1,012.11	4.43	4.34	157.96	22.11	118.52	206.74	197.30	9.44	21.908		
1,100.00	1,087.73	1,115.43	1,110.22	4.76	4.56	158.97	29.54	108.06	220.69	210.83	9.86	22.384		
1,200.00	1,183.91	1,214.32	1,208.27	5.12	4.80	159.94	36.97	97.61	235.03	224.73	10.30	22.812		
1,300.00	1,280.08	1,313.21	1,306.33	5.51	5.04	160.80	44.39	87.16	249.43	238.66	10.77	23.157		
1,400.00	1,376.25	1,412.10	1,404.39	5.93	5.29	161.56	51.82	76.70	263.88	252.62	11.26	23.436		
1,500.00	1,472.43	1,511.00	1,502.45	6.36	5.56	162.24	59.25	66.25	278.36	266.60	11.77	23.658		
1,600.00	1,568.60	1,609.89	1,600.51	6.80	5.83	162.86	66.68	55.80	292.89	280.60	12.29	23.835		
1,700.00	1,664.78	1,708.78	1,698.56	7.26	6.09	163.42	74.11	45.35	307.44	294.63	12.81	23.995		
1,800.00	1,760.95	1,807.68	1,796.62	7.51	6.23	163.92	81.53	34.90	322.02	309.31	12.71	25.328		
1,900.00	1,857.12	1,906.57	1,894.68	7.60	6.26	164.39	88.96	24.44	336.62	323.87	12.75	26.396		
2,000.00	1,953.30	2,005.46	1,992.74	7.71	6.31	164.81	96.39	13.99	351.25	338.42	12.83	27.381		
2,100.00	2,049.47	2,104.36	2,090.80	7.86	6.38	165.20	103.82	3.54	365.89	352.95	12.94	28.280		
2,200.00	2,145.65	2,203.25	2,188.86	8.04	6.47	165.56	111.24	-6.91	380.54	367.46	13.08	29.086		
2,300.00	2,241.82	2,302.14	2,286.91	8.26	6.56	165.90	118.67	-17.36	395.21	381.95	13.26	29.802		
2,400.00	2,337.99	2,401.03	2,384.97	8.50	6.68	166.21	126.10	-27.82	409.89	396.42	13.47	30.429		
2,500.00	2,434.17	2,500.07	2,483.03	8.76	6.81	166.50	133.53	-38.27	424.58	410.87	13.71	30.970		
2,600.00	2,530.34	2,601.18	2,581.09	9.05	6.96	166.77	140.96	-48.72	439.29	425.31	13.98	31.423		
2,700.00	2,626.52	2,702.29	2,679.15	9.36	7.11	167.02	148.38	-59.17	454.00	439.72	14.28	31.799		
2,800.00	2,722.69	2,803.39	2,777.21	9.69	7.29	167.25	155.81	-69.63	468.71	454.12	14.60	32.106		
2,900.00	2,818.87	2,904.50	2,875.26	10.04	7.47	167.48	163.24	-80.08	483.44	468.50	14.94	32.349		
3,000.00	2,915.04	3,005.61	2,973.32	10.40	7.66	167.68	170.67	-90.53	498.17	482.86	15.31	32.534		
3,100.00	3,011.21	3,106.71	3,071.38	10.78	7.87	167.88	178.10	-100.98	512.91	497.21	15.70	32.670		
3,200.00	3,107.39	3,207.82	3,169.44	11.16	8.08	168.07	185.52	-111.43	527.66	511.55	16.11	32.762		
3,300.00	3,203.56	3,308.93	3,267.50	11.56	8.30	168.24	192.95	-121.89	542.41	525.88	16.53	32.815		
3,400.00	3,299.74	3,389.96	3,365.55	11.97	8.49	168.41	200.38	-132.34	557.16	540.23	16.93	32.910		
3,500.00	3,395.91	3,488.86	3,463.61	12.39	8.72	168.57	207.81	-142.79	571.92	554.54	17.38	32.911		
3,600.00	3,492.08	3,587.75	3,561.67	12.82	8.95	168.72	215.23	-153.24	586.68	568.84	17.84	32.888		
3,700.00	3,588.26	3,686.64	3,659.73	13.25	9.20	168.86	222.66	-163.69	601.45	583.13	18.31	32.844		
3,800.00	3,684.43	3,785.54	3,757.79	13.69	9.45	168.99	230.09	-174.15	616.22	597.42	18.80	32.782		
3,900.00	3,780.61	3,884.43	3,855.85	14.14	9.70	169.12	237.52	-184.60	630.99	611.70	19.29	32.707		
4,000.00	3,876.78	3,983.32	3,953.90	14.59	9.96	169.25	244.95	-195.05	645.77	625.97	19.80	32.619		
4,100.00	3,972.96	4,082.22	4,051.96	15.05	10.22	169.36	252.37	-205.50	660.54	640.23	20.31	32.522		
4,200.00	4,069.13	4,181.11	4,150.02	15.51	10.49	169.48	259.80	-215.95	675.33	654.49	20.83	32.417		
4,300.00	4,165.30	4,280.00	4,248.08	15.98	10.76	169.58	267.23	-226.41	690.11	668.75	21.36	32.306		
4,400.00	4,261.48	4,378.89	4,346.14	16.45	11.03	169.69	274.66	-236.86	704.90	683.00	21.90	32.190		
4,500.00	4,357.65	4,477.79	4,444.19	16.93	11.31	169.79	282.08	-247.31	719.68	697.24	22.44	32.070		
4,600.00	4,453.83	4,576.68	4,542.25	17.40	11.59	169.88	289.51	-257.76	734.47	711.48	22.99	31.948		
4,700.00	4,550.00	4,675.57	4,640.31	17.88	11.87	169.97	296.94	-268.21	749.27	725.72	23.54	31.823		
4,800.00	4,646.17	4,774.47	4,738.37	18.37	12.15	170.06	304.37	-278.67	764.06	739.96	24.10	31.698		
4,900.00	4,742.35	4,873.36	4,836.43	18.85	12.44	170.15	311.80	-289.12	778.86	754.19	24.67	31.573		
5,000.00	4,838.52	4,972.25	4,934.49	19.34	12.73	170.23	319.22	-299.57	793.65	768.42	25.24	31.447		
5,100.00	4,934.70	5,071.15	5,032.54	19.83	13.02	170.31	326.65	-310.02	808.45	782.64	25.81	31.322		
5,200.00	5,030.87	5,170.04	5,130.60	20.32	13.32	170.38	334.08	-320.48	823.25	796.86	26.39	31.198		
5,300.00	5,127.04	5,268.93	5,228.66	20.81	13.61	170.45	341.51	-330.93	838.05	811.08	26.97	31.075		
5,400.00	5,223.22	5,367.82	5,326.72	21.31	13.91	170.52	348.93	-341.38	852.86	825.30	27.55	30.953		
5,500.00	5,319.39	5,466.72	5,424.78	21.81	14.21	170.59	356.36	-351.83	867.66	839.52	28.14	30.833		
5,600.00	5,415.57	5,565.61	5,522.83	22.30	14.51	170.66	363.79	-362.28	882.47	853.73	28.73	30.714		
5,700.00	5,511.74	5,664.50	5,620.89	22.80	14.81	170.72	371.22	-372.74	897.27	867.95	29.32	30.598		
5,800.00	5,607.92	5,763.40	5,718.95	23.31	15.11	170.78	378.65	-383.19	912.08	882.16	29.92	30.483		
5,900.00	5,704.09	5,862.29	5,817.01	23.81	15.42	170.84	386.07	-393.64	926.89	896.37	30.52	30.370		
6,000.00	5,800.26	5,961.18	5,915.07	24.31	15.72	170.90	393.50	-404.09	941.70	910.58	31.12	30.260		
6,100.00	5,896.44	6,060.08	6,013.13	24.82	16.03	170.96	400.93	-414.54	956.51	924.78	31.72	30.151		
6,200.00	5,992.61	6,158.97	6,111.18	25.32	16.34	171.01	408.36	-425.00	971.32	938.99	32.33	30.045		
6,300.00	6,088.79	7,645.76	6,962.59	25.83	33.98	-146.49	475.49	-1,355.88	919.81	886.71	33.10	27.788		
6,400.00	6,184.96	7,669.59	6,962.55	26.34	34.56	-143.74	475.56	-1,379.71	833.15	798.17	34.98	23.819		
6,500.00	6,281.16	7,706.69	6,962.52	26.83	35.46	-141.40	475.63	-1,403.43	749.04	711.54	37.49	19.979		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,600.00	6,379.08	7,707.57	6,962.50	27.07	35.49	-159.45	475.68	-1,417.69	667.09	626.86	40.23	16.582	
6,700.00	6,478.03	7,706.18	6,962.50	27.21	35.45	152.64	475.67	-1,416.31	589.62	545.96	43.66	13.505	
6,800.00	6,575.56	7,689.19	6,962.52	27.30	35.03	131.50	475.62	-1,399.31	520.84	473.29	47.56	10.952	
6,900.00	6,669.27	7,657.01	6,962.57	27.38	34.25	123.22	475.52	-1,367.13	464.96	413.43	51.53	9.022	
7,000.00	6,756.86	7,610.42	6,962.64	27.49	33.13	116.59	475.38	-1,320.55	425.35	370.50	54.85	7.754	
7,100.00	6,836.17	7,550.59	6,962.74	27.69	31.72	109.21	475.20	-1,260.72	403.12	346.37	56.76	7.103	
7,200.00	6,905.24	7,478.98	6,962.84	28.02	30.08	101.03	474.98	-1,189.11	396.16	339.20	56.96	6.955 SF	
7,207.69	6,910.08	7,473.04	6,962.85	28.06	29.95	100.39	474.97	-1,183.17	396.13	339.20	56.93	6.958	
7,300.00	6,962.38	7,402.64	6,962.97	28.55	28.40	92.90	474.74	-1,107.48	399.66	343.58	56.07	7.128	
7,400.00	7,006.18	7,315.06	6,959.89	29.31	26.58	85.91	474.25	-1,025.29	408.56	353.77	54.79	7.457	
7,500.00	7,035.56	7,237.32	6,947.55	30.31	25.05	79.75	473.08	-948.60	420.97	367.04	53.93	7.806	
7,600.00	7,049.79	7,162.57	6,926.97	31.54	23.69	74.40	471.30	-876.80	435.47	382.07	53.40	8.155	
7,700.00	7,052.59	7,091.47	6,899.75	32.96	22.53	70.50	469.04	-811.20	452.58	399.43	53.14	8.516	
7,800.00	7,054.78	7,027.49	6,869.15	34.58	21.60	66.85	466.56	-755.09	477.24	424.28	52.96	9.011	
7,900.00	7,056.98	6,970.84	6,837.49	36.39	20.86	63.33	464.02	-708.20	510.43	457.68	52.76	9.675	
8,000.00	7,059.17	6,921.07	6,806.34	38.36	20.29	60.13	461.55	-669.48	552.20	499.71	52.49	10.520	
8,100.00	7,061.36	6,877.51	6,776.67	40.45	19.84	57.30	459.21	-637.69	602.01	549.84	52.17	11.540	
8,200.00	7,063.56	6,839.41	6,748.99	42.66	19.48	54.84	457.04	-611.60	658.99	607.20	51.79	12.723	
8,300.00	7,065.75	6,800.00	6,718.78	44.95	19.14	52.35	454.69	-586.41	722.20	670.87	51.33	14.070	
8,400.00	7,067.95	6,776.68	6,700.20	47.33	18.96	50.91	453.24	-572.41	790.53	739.52	51.01	15.498	
8,500.00	7,070.14	6,750.00	6,678.32	49.77	18.75	49.30	451.54	-557.24	863.27	812.65	50.62	17.055	
8,600.00	7,072.34	6,727.86	6,659.70	52.27	18.60	48.00	450.10	-545.35	939.64	889.38	50.26	18.696	
8,700.00	7,074.53	6,700.00	6,635.69	54.82	18.41	46.41	448.25	-531.33	1,019.10	969.22	49.88	20.430	
8,800.00	7,076.72	6,700.00	6,635.69	57.40	18.41	46.41	448.25	-531.33	1,101.10	1,051.48	49.62	22.190	
8,900.00	7,078.92	6,672.84	6,611.73	60.03	18.25	44.92	446.40	-518.69	1,185.00	1,135.70	49.30	24.036	



Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	3.00	-3.00	3.28	3.28	128.29	-141.34	179.04	228.10					
100.00	100.00	103.00	97.00	3.28	3.28	128.29	-141.34	179.04	228.10	220.58	7.53	30.303		
200.00	200.00	203.00	197.00	3.30	3.30	128.29	-141.34	179.04	228.10	220.54	7.57	30.134	CC, ES	
200.16	200.16	202.84	197.16	3.30	3.30	128.29	-141.34	179.04	228.10	220.54	7.57	30.134		
300.00	300.00	297.56	297.55	3.35	3.34	-170.73	-141.61	178.75	228.48	220.83	7.65	29.864		
400.00	399.93	398.61	398.55	3.41	3.40	-170.01	-143.98	176.23	231.44	223.67	7.77	29.788	SF	
500.00	499.68	499.29	498.97	3.50	3.48	-168.61	-148.76	171.13	237.44	229.51	7.94	29.914		
600.00	599.13	599.32	598.46	3.61	3.59	-166.63	-155.90	163.53	246.68	238.52	8.16	30.236		
700.00	698.15	701.69	696.54	3.75	3.73	-164.31	-165.03	153.81	259.39	250.95	8.44	30.731		
800.00	796.63	803.44	793.84	3.93	3.90	-162.30	-174.39	143.84	275.74	266.96	8.78	31.414		
900.00	894.44	905.70	890.62	4.16	4.10	-160.70	-183.70	133.93	295.60	286.43	9.17	32.247		
1,000.00	991.46	1,008.60	986.78	4.43	4.33	-159.48	-192.95	124.08	318.82	309.21	9.61	33.189		
1,100.00	1,087.73	1,087.88	1,082.32	4.76	4.51	-158.66	-202.15	114.29	344.80	334.77	10.03	34.365		
1,200.00	1,183.91	1,184.28	1,177.78	5.12	4.75	-158.05	-211.33	104.51	371.14	360.62	10.52	35.275		
1,300.00	1,280.08	1,280.67	1,273.24	5.51	5.00	-157.52	-220.51	94.73	397.52	386.48	11.04	36.007		
1,400.00	1,376.25	1,377.07	1,368.70	5.93	5.26	-157.06	-229.70	84.95	423.93	412.34	11.59	36.591		
1,500.00	1,472.43	1,473.47	1,464.16	6.36	5.53	-156.65	-238.88	75.17	450.36	438.20	12.15	37.054		
1,600.00	1,568.60	1,569.87	1,559.62	6.80	5.81	-156.28	-248.07	65.39	476.80	464.06	12.74	37.420		
1,700.00	1,664.78	1,666.26	1,655.07	7.26	6.09	-155.96	-257.25	55.61	503.27	489.92	13.35	37.707		
1,800.00	1,760.95	1,762.66	1,750.53	7.51	6.29	-155.66	-266.43	45.83	529.74	516.38	13.36	39.638		
1,900.00	1,857.12	1,859.06	1,845.99	7.60	6.37	-155.40	-275.62	36.05	556.23	542.75	13.49	41.247		
2,000.00	1,953.30	1,955.46	1,941.45	7.71	6.42	-155.16	-284.80	26.27	582.73	569.14	13.59	42.869		
2,100.00	2,049.47	2,051.85	2,036.91	7.86	6.48	-154.94	-293.98	16.49	609.24	595.50	13.74	44.334		
2,200.00	2,145.65	2,148.25	2,132.37	8.04	6.56	-154.73	-303.17	6.71	635.76	621.83	13.93	45.639		
2,300.00	2,241.82	2,244.65	2,227.83	8.26	6.66	-154.55	-312.35	-3.07	662.28	648.12	14.16	46.785		
2,400.00	2,337.99	2,341.04	2,323.29	8.50	6.77	-154.38	-321.54	-12.85	688.81	674.39	14.42	47.774		
2,500.00	2,434.17	2,437.44	2,418.75	8.76	6.90	-154.22	-330.72	-22.63	715.34	700.63	14.71	48.616		
2,600.00	2,530.34	2,533.84	2,514.21	9.05	7.05	-154.07	-339.90	-32.41	741.88	726.84	15.04	49.319		
2,700.00	2,626.52	2,630.24	2,609.67	9.36	7.20	-153.93	-349.09	-42.19	768.42	753.02	15.40	49.895		
2,800.00	2,722.69	2,726.63	2,705.13	9.69	7.37	-153.81	-358.27	-51.97	794.97	779.18	15.79	50.355		
2,900.00	2,818.87	2,823.03	2,800.58	10.04	7.56	-153.69	-367.46	-61.75	821.52	805.32	16.20	50.713		
3,000.00	2,915.04	2,919.43	2,896.04	10.40	7.75	-153.57	-376.64	-71.53	848.07	831.43	16.64	50.979		
3,100.00	3,011.21	3,015.83	2,991.50	10.78	7.95	-153.47	-385.82	-81.31	874.63	857.53	17.09	51.165		
3,200.00	3,107.39	3,112.22	3,086.96	11.16	8.16	-153.37	-395.01	-91.09	901.18	883.61	17.57	51.283		
3,300.00	3,203.56	3,208.62	3,182.42	11.56	8.39	-153.28	-404.19	-100.86	927.74	909.68	18.07	51.343		
3,400.00	3,299.74	3,305.02	3,277.88	11.97	8.62	-153.19	-413.38	-110.64	954.31	935.72	18.58	51.348		
3,500.00	3,395.91	3,401.42	3,373.34	12.39	8.85	-153.10	-422.56	-120.42	980.87	961.76	19.12	51.314		
3,600.00	3,492.08	3,502.19	3,468.80	12.82	9.11	-153.02	-431.74	-130.20	1,007.44	987.77	19.67	51.213		
3,700.00	3,588.26	3,605.79	3,564.26	13.25	9.38	-152.95	-440.93	-139.98	1,034.01	1,013.76	20.25	51.065		
3,800.00	3,684.43	3,709.39	3,659.72	13.69	9.65	-152.88	-450.11	-149.76	1,060.58	1,039.74	20.84	50.893		
3,900.00	3,780.61	3,787.00	3,755.18	14.14	9.87	-152.81	-459.29	-159.54	1,087.15	1,065.78	21.37	50.870		
4,000.00	3,876.78	3,883.40	3,850.64	14.59	10.13	-152.75	-468.48	-169.32	1,113.72	1,091.76	21.96	50.709		
4,100.00	3,972.96	3,979.80	3,946.10	15.05	10.40	-152.68	-477.66	-179.10	1,140.30	1,117.73	22.56	50.535		
4,200.00	4,069.13	4,076.20	4,041.55	15.51	10.68	-152.62	-486.85	-188.88	1,166.87	1,143.70	23.18	50.350		
4,300.00	4,165.30	4,172.59	4,137.01	15.98	10.96	-152.57	-496.03	-198.66	1,193.45	1,169.66	23.79	50.159		

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	3.00	-3.00	3.28	3.28	124.12	-121.32	179.04	216.27				
100.00	100.00	103.00	97.00	3.28	3.28	124.12	-121.32	179.04	216.27	208.74	7.53	28.730	
200.00	200.00	203.00	197.00	3.30	3.30	124.12	-121.32	179.04	216.27	208.70	7.57	28.571 CC, ES	
200.16	200.16	202.84	197.16	3.30	3.30	124.12	-121.32	179.04	216.27	208.70	7.57	28.571	
300.00	300.00	298.48	298.48	3.35	3.34	-174.89	-121.54	178.69	216.54	208.89	7.65	28.302	
400.00	399.93	401.52	401.45	3.41	3.40	-174.11	-123.44	175.64	218.63	210.86	7.77	28.134	
500.00	499.68	504.27	503.94	3.50	3.49	-172.56	-127.29	169.47	222.88	214.94	7.94	28.073 SF	
600.00	599.13	606.52	605.60	3.61	3.60	-170.36	-133.06	160.25	229.51	221.35	8.16	28.129	
700.00	698.15	705.82	704.10	3.75	3.74	-168.01	-139.74	149.56	239.23	230.79	8.44	28.356	
800.00	796.63	804.56	802.04	3.93	3.90	-166.01	-146.39	138.92	252.67	243.90	8.76	28.835	
900.00	894.44	902.86	899.54	4.16	4.09	-164.39	-153.01	128.33	269.68	260.55	9.14	29.518	
1,000.00	991.46	1,000.58	996.47	4.43	4.29	-163.12	-159.59	117.79	290.14	280.59	9.55	30.368	
1,100.00	1,087.73	1,102.27	1,092.83	4.76	4.52	-162.23	-166.13	107.33	313.46	303.43	10.02	31.273	
1,200.00	1,183.91	1,205.19	1,189.12	5.12	4.77	-161.53	-172.67	96.87	337.15	326.63	10.52	32.053	
1,300.00	1,280.08	1,308.12	1,285.41	5.51	5.03	-160.93	-179.20	86.40	360.88	349.84	11.05	32.673	
1,400.00	1,376.25	1,388.96	1,381.70	5.93	5.24	-160.40	-185.74	75.94	384.65	373.11	11.54	33.332	
1,500.00	1,472.43	1,486.04	1,477.99	6.36	5.50	-159.93	-192.28	65.48	408.44	396.34	12.10	33.759	
1,600.00	1,568.60	1,583.12	1,574.28	6.80	5.77	-159.51	-198.81	55.02	432.26	419.58	12.68	34.099	
1,700.00	1,664.78	1,680.19	1,670.57	7.26	6.05	-159.14	-205.35	44.56	456.09	442.82	13.27	34.368	
1,800.00	1,760.95	1,777.27	1,766.86	7.51	6.23	-158.80	-211.89	34.10	479.95	466.69	13.26	36.195	
1,900.00	1,857.12	1,874.35	1,863.15	7.60	6.29	-158.49	-218.42	23.64	503.81	490.46	13.36	37.717	
2,000.00	1,953.30	1,971.42	1,959.44	7.71	6.33	-158.22	-224.96	13.18	527.69	514.23	13.46	39.195	
2,100.00	2,049.47	2,068.50	2,055.73	7.86	6.39	-157.96	-231.50	2.72	551.58	537.97	13.61	40.532	
2,200.00	2,145.65	2,165.58	2,152.02	8.04	6.47	-157.73	-238.03	-7.74	575.48	561.69	13.79	41.724	
2,300.00	2,241.82	2,262.65	2,248.31	8.26	6.57	-157.52	-244.57	-18.20	599.39	585.37	14.01	42.773	
2,400.00	2,337.99	2,359.73	2,344.60	8.50	6.68	-157.32	-251.11	-28.66	623.30	609.03	14.27	43.681	
2,500.00	2,434.17	2,456.81	2,440.89	8.76	6.80	-157.14	-257.64	-39.12	647.22	632.66	14.56	44.455	
2,600.00	2,530.34	2,553.88	2,537.18	9.05	6.94	-156.97	-264.18	-49.58	671.15	656.27	14.88	45.103	
2,700.00	2,626.52	2,650.96	2,633.47	9.36	7.09	-156.81	-270.72	-60.04	695.08	679.85	15.23	45.636	
2,800.00	2,722.69	2,748.04	2,729.76	9.69	7.26	-156.66	-277.25	-70.50	719.02	703.41	15.61	46.063	
2,900.00	2,818.87	2,845.12	2,826.05	10.04	7.43	-156.53	-283.79	-80.97	742.96	726.95	16.01	46.396	
3,000.00	2,915.04	2,942.19	2,922.34	10.40	7.62	-156.40	-290.33	-91.43	766.90	750.46	16.44	46.646	
3,100.00	3,011.21	3,039.27	3,018.63	10.78	7.82	-156.27	-296.86	-101.89	790.85	773.96	16.89	46.823	
3,200.00	3,107.39	3,136.35	3,114.92	11.16	8.02	-156.16	-303.40	-112.35	814.80	797.44	17.36	46.937	
3,300.00	3,203.56	3,233.42	3,211.21	11.56	8.24	-156.05	-309.93	-122.81	838.76	820.91	17.85	46.996	
3,400.00	3,299.74	3,330.50	3,307.50	11.97	8.46	-155.95	-316.47	-133.27	862.71	844.36	18.35	47.008	
3,500.00	3,395.91	3,427.58	3,403.79	12.39	8.69	-155.85	-323.01	-143.73	886.67	867.80	18.87	46.981	
3,600.00	3,492.08	3,524.65	3,500.08	12.82	8.92	-155.76	-329.54	-154.19	910.63	891.23	19.41	46.921	
3,700.00	3,588.26	3,621.73	3,596.37	13.25	9.16	-155.68	-336.08	-164.65	934.60	914.64	19.96	46.833	
3,800.00	3,684.43	3,718.81	3,692.66	13.69	9.41	-155.59	-342.62	-175.11	958.56	938.05	20.52	46.722	
3,900.00	3,780.61	3,815.88	3,788.95	14.14	9.67	-155.52	-349.15	-185.57	982.53	961.44	21.09	46.593	
4,000.00	3,876.78	3,912.96	3,885.24	14.59	9.92	-155.44	-355.69	-196.03	1,006.50	984.83	21.67	46.449	
4,100.00	3,972.96	4,010.04	3,981.53	15.05	10.19	-155.37	-362.23	-206.49	1,030.47	1,008.21	22.26	46.292	
4,200.00	4,069.13	4,107.11	4,077.82	15.51	10.45	-155.30	-368.76	-216.95	1,054.44	1,031.58	22.86	46.126	
4,300.00	4,165.30	4,204.19	4,174.11	15.98	10.72	-155.24	-375.30	-227.41	1,078.41	1,054.95	23.47	45.953	
4,400.00	4,261.48	4,301.27	4,270.40	16.45	11.00	-155.18	-381.84	-237.88	1,102.39	1,078.30	24.08	45.774	
4,500.00	4,357.65	4,401.65	4,366.69	16.93	11.28	-155.12	-388.37	-248.34	1,126.36	1,101.65	24.71	45.574	
4,600.00	4,453.83	4,504.58	4,462.98	17.40	11.58	-155.06	-394.91	-258.80	1,150.34	1,124.98	25.36	45.360	
4,700.00	4,550.00	4,607.50	4,559.27	17.88	11.88	-155.00	-401.45	-269.26	1,174.32	1,148.30	26.01	45.144	
4,800.00	4,646.17	4,689.58	4,655.56	18.37	12.12	-154.95	-407.98	-279.72	1,198.30	1,171.69	26.61	45.034	

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)	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	-179.54	-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	299.08	299.08	3.35	3.34	-118.63	-140.05	-1.50	140.27	132.62	7.65	18.331	SF
400.00	399.93	397.18	397.12	3.41	3.40	-118.54	-141.31	-4.62	143.25	135.48	7.77	18.434	
500.00	499.68	495.09	494.79	3.50	3.48	-118.36	-143.82	-10.83	149.20	141.27	7.94	18.797	
600.00	599.13	592.68	591.86	3.61	3.59	-118.12	-147.56	-20.09	158.12	149.96	8.16	19.387	
700.00	698.15	689.82	688.10	3.75	3.72	-117.81	-152.51	-32.36	169.97	161.54	8.43	20.157	
800.00	796.63	786.41	783.28	3.93	3.90	-117.47	-158.65	-47.54	184.74	175.96	8.78	21.051	
900.00	894.44	882.32	877.20	4.16	4.11	-117.09	-165.93	-65.55	202.38	193.18	9.19	22.012	
1,000.00	991.46	977.55	969.66	4.43	4.37	-116.70	-174.30	-86.29	222.85	213.15	9.69	22.987	
1,100.00	1,087.73	1,074.90	1,063.98	4.76	4.68	-116.77	-183.47	-108.99	245.26	234.97	10.29	23.829	
1,200.00	1,183.91	1,172.31	1,158.27	5.12	5.02	-117.05	-192.64	-131.68	267.83	256.88	10.95	24.470	
1,300.00	1,280.08	1,269.72	1,252.56	5.51	5.38	-117.29	-201.81	-154.37	290.41	278.76	11.64	24.939	
1,400.00	1,376.25	1,367.14	1,346.85	5.93	5.76	-117.50	-210.98	-177.06	312.99	300.60	12.38	25.276	
1,500.00	1,472.43	1,464.55	1,441.13	6.36	6.16	-117.67	-220.14	-199.75	335.57	322.42	13.15	25.515	
1,600.00	1,568.60	1,561.96	1,535.42	6.80	6.57	-117.83	-229.31	-222.44	358.16	344.21	13.95	25.679	
1,700.00	1,664.78	1,659.37	1,629.71	7.26	6.99	-117.97	-238.48	-245.13	380.74	365.98	14.76	25.789	
1,800.00	1,760.95	1,756.78	1,724.00	7.51	7.31	-118.09	-247.65	-267.82	403.33	388.23	15.10	26.712	
1,900.00	1,857.12	1,854.20	1,818.28	7.60	7.46	-118.19	-256.81	-290.51	425.93	410.79	15.13	28.144	
2,000.00	1,953.30	1,951.61	1,912.57	7.71	7.54	-118.29	-265.98	-313.20	448.52	433.20	15.32	29.284	
2,100.00	2,049.47	2,049.02	2,006.86	7.86	7.66	-118.38	-275.15	-335.89	471.11	455.55	15.56	30.280	
2,200.00	2,145.65	2,146.43	2,101.15	8.04	7.81	-118.46	-284.32	-358.58	493.71	477.85	15.86	31.133	
2,300.00	2,241.82	2,243.84	2,195.43	8.26	7.99	-118.53	-293.48	-381.27	516.30	500.09	16.21	31.850	
2,400.00	2,337.99	2,341.25	2,289.72	8.50	8.19	-118.60	-302.65	-403.96	538.90	522.29	16.61	32.437	
2,500.00	2,434.17	2,438.67	2,384.01	8.76	8.41	-118.66	-311.82	-426.65	561.50	544.43	17.06	32.907	
2,600.00	2,530.34	2,536.08	2,478.30	9.05	8.66	-118.72	-320.99	-449.34	584.10	566.54	17.56	33.272	
2,700.00	2,626.52	2,633.49	2,572.58	9.36	8.93	-118.77	-330.15	-472.03	606.69	588.61	18.09	33.544	
2,800.00	2,722.69	2,730.90	2,666.87	9.69	9.22	-118.82	-339.32	-494.72	629.29	610.64	18.65	33.736	
2,900.00	2,818.87	2,828.31	2,761.16	10.04	9.52	-118.86	-348.49	-517.41	651.89	632.64	19.25	33.859	
3,000.00	2,915.04	2,925.72	2,855.45	10.40	9.84	-118.91	-357.66	-540.10	674.49	654.61	19.88	33.925	
3,100.00	3,011.21	3,023.14	2,949.74	10.78	10.17	-118.95	-366.82	-562.79	697.09	676.55	20.54	33.942	
3,200.00	3,107.39	3,120.55	3,044.02	11.16	10.52	-118.98	-375.99	-585.48	719.69	698.47	21.22	33.920	
3,300.00	3,203.56	3,217.96	3,138.31	11.56	10.87	-119.02	-385.16	-608.17	742.29	720.37	21.92	33.865	
3,400.00	3,299.74	3,315.37	3,232.60	11.97	11.24	-119.05	-394.33	-630.86	764.89	742.25	22.64	33.785	
3,500.00	3,395.91	3,412.78	3,326.89	12.39	11.62	-119.08	-403.49	-653.55	787.49	764.11	23.38	33.683	
3,600.00	3,492.08	3,510.19	3,421.17	12.82	12.00	-119.11	-412.66	-676.25	810.09	785.96	24.14	33.565	
3,700.00	3,588.26	3,607.61	3,515.46	13.25	12.40	-119.14	-421.83	-698.94	832.69	807.79	24.91	33.434	
3,800.00	3,684.43	3,705.02	3,609.75	13.69	12.80	-119.16	-431.00	-721.63	855.30	829.61	25.69	33.294	
3,900.00	3,780.61	3,802.43	3,704.04	14.14	13.20	-119.19	-440.16	-744.32	877.90	851.41	26.48	33.147	
4,000.00	3,876.78	3,900.16	3,798.32	14.59	13.61	-119.21	-449.33	-767.01	900.50	873.21	27.29	32.994	
4,100.00	3,972.96	4,002.75	3,892.61	15.05	14.05	-119.23	-458.50	-789.70	923.10	894.97	28.13	32.814	
4,200.00	4,069.13	4,105.34	3,986.90	15.51	14.50	-119.26	-467.67	-812.39	945.70	916.72	28.98	32.634	
4,300.00	4,165.30	4,207.92	4,081.19	15.98	14.95	-119.28	-476.83	-835.08	968.31	938.47	29.84	32.454	
4,400.00	4,261.48	4,289.49	4,175.47	16.45	15.31	-119.30	-486.00	-857.77	990.91	960.30	30.61	32.370	
4,500.00	4,357.65	4,386.90	4,269.76	16.93	15.74	-119.31	-495.17	-880.46	1,013.51	982.05	31.46	32.214	
4,600.00	4,453.83	4,484.31	4,364.05	17.40	16.18	-119.33	-504.34	-903.15	1,036.11	1,003.80	32.32	32.061	
4,700.00	4,550.00	4,581.72	4,458.34	17.88	16.62	-119.35	-513.50	-925.84	1,058.71	1,025.54	33.18	31.909	
4,800.00	4,646.17	4,679.13	4,552.62	18.37	17.06	-119.36	-522.67	-948.53	1,081.32	1,047.27	34.05	31.759	
4,900.00	4,742.35	4,776.55	4,646.91	18.85	17.51	-119.38	-531.84	-971.22	1,103.92	1,069.00	34.92	31.613	
5,000.00	4,838.52	4,873.96	4,741.20	19.34	17.96	-119.40	-541.01	-993.91	1,126.52	1,090.73	35.80	31.469	
5,100.00	4,934.70	4,971.37	4,835.49	19.83	18.41	-119.41	-550.17	-1,016.60	1,149.13	1,112.45	36.68	31.329	
5,200.00	5,030.87	5,068.78	4,929.77	20.32	18.86	-119.42	-559.34	-1,039.29	1,171.73	1,134.16	37.57	31.191	
5,300.00	5,127.04	5,166.19	5,024.06	20.81	19.31	-119.44	-568.51	-1,061.98	1,194.33	1,155.88	38.46	31.057	

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	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	299.52	299.52	3.35	3.34	-118.68	-119.95	-1.25	120.16	112.51	7.65	15.703	SF
400.00	399.93	398.52	398.45	3.41	3.40	-118.49	-120.71	-4.59	122.63	114.86	7.77	15.776	
500.00	499.68	497.38	497.07	3.50	3.49	-118.15	-122.23	-11.24	127.57	119.63	7.94	16.062	
600.00	599.13	596.02	595.18	3.61	3.59	-117.67	-124.51	-21.18	134.98	126.81	8.16	16.532	
700.00	698.15	694.34	692.56	3.75	3.73	-117.10	-127.53	-34.36	144.83	136.39	8.45	17.146	
800.00	796.63	792.27	789.04	3.93	3.91	-116.47	-131.27	-50.71	157.13	148.33	8.80	17.857	
900.00	894.44	889.72	884.41	4.16	4.13	-115.81	-135.73	-70.17	171.84	162.61	9.23	18.615	
1,000.00	991.46	987.13	979.06	4.43	4.40	-115.19	-140.87	-92.62	188.90	179.14	9.75	19.368	
1,100.00	1,087.73	1,085.39	1,074.34	4.76	4.71	-115.31	-146.23	-116.04	207.42	197.06	10.36	20.013	
1,200.00	1,183.91	1,183.63	1,169.59	5.12	5.05	-115.62	-151.60	-139.45	226.10	215.07	11.03	20.496	
1,300.00	1,280.08	1,281.86	1,264.85	5.51	5.41	-115.89	-156.96	-162.85	244.79	233.04	11.75	20.841	
1,400.00	1,376.25	1,380.09	1,360.10	5.93	5.79	-116.11	-162.32	-186.26	263.47	250.98	12.50	21.083	
1,500.00	1,472.43	1,478.33	1,455.35	6.36	6.18	-116.31	-167.68	-209.67	282.17	268.89	13.28	21.247	
1,600.00	1,568.60	1,576.56	1,550.61	6.80	6.59	-116.48	-173.04	-233.08	300.86	286.77	14.09	21.355	
1,700.00	1,664.78	1,674.79	1,645.86	7.26	7.01	-116.63	-178.40	-256.49	319.56	304.64	14.92	21.421	
1,800.00	1,760.95	1,773.02	1,741.11	7.51	7.29	-116.77	-183.76	-279.89	338.26	323.03	15.23	22.210	
1,900.00	1,857.12	1,871.26	1,836.36	7.60	7.40	-116.89	-189.12	-303.30	356.96	341.72	15.24	23.423	
2,000.00	1,953.30	1,969.49	1,931.62	7.71	7.50	-116.99	-194.49	-326.71	375.66	360.23	15.43	24.346	
2,100.00	2,049.47	2,067.72	2,026.87	7.86	7.62	-117.09	-199.85	-350.12	394.37	378.69	15.68	25.149	
2,200.00	2,145.65	2,165.96	2,122.12	8.04	7.77	-117.18	-205.21	-373.53	413.07	397.08	15.99	25.833	
2,300.00	2,241.82	2,264.19	2,217.37	8.26	7.94	-117.26	-210.57	-396.93	431.78	415.42	16.35	26.403	
2,400.00	2,337.99	2,362.42	2,312.63	8.50	8.15	-117.34	-215.93	-420.34	450.48	433.72	16.77	26.868	
2,500.00	2,434.17	2,460.66	2,407.88	8.76	8.37	-117.41	-221.29	-443.75	469.19	451.96	17.23	27.236	
2,600.00	2,530.34	2,558.89	2,503.13	9.05	8.62	-117.47	-226.65	-467.16	487.90	470.17	17.73	27.519	
2,700.00	2,626.52	2,657.12	2,598.38	9.36	8.89	-117.53	-232.01	-490.57	506.61	488.33	18.27	27.726	
2,800.00	2,722.69	2,755.36	2,693.64	9.69	9.17	-117.59	-237.37	-513.98	525.32	506.47	18.85	27.868	
2,900.00	2,818.87	2,853.59	2,788.89	10.04	9.47	-117.64	-242.74	-537.38	544.02	524.56	19.46	27.955	
3,000.00	2,915.04	2,951.82	2,884.14	10.40	9.79	-117.68	-248.10	-560.79	562.73	542.63	20.10	27.996	
3,100.00	3,011.21	3,050.06	2,979.40	10.78	10.12	-117.73	-253.46	-584.20	581.44	560.68	20.77	27.998	
3,200.00	3,107.39	3,148.29	3,074.65	11.16	10.46	-117.77	-258.82	-607.61	600.15	578.70	21.46	27.968	
3,300.00	3,203.56	3,246.52	3,169.90	11.56	10.81	-117.81	-264.18	-631.02	618.86	596.69	22.17	27.913	
3,400.00	3,299.74	3,344.75	3,265.15	11.97	11.18	-117.85	-269.54	-654.42	637.58	614.67	22.90	27.838	
3,500.00	3,395.91	3,442.99	3,360.41	12.39	11.55	-117.88	-274.90	-677.83	656.29	632.63	23.65	27.746	
3,600.00	3,492.08	3,541.22	3,456.66	12.82	11.93	-117.91	-280.26	-701.24	675.00	650.58	24.42	27.641	
3,700.00	3,588.26	3,639.45	3,550.91	13.25	12.32	-117.95	-285.63	-724.65	693.71	668.51	25.20	27.527	
3,800.00	3,684.43	3,737.69	3,646.16	13.69	12.72	-117.98	-290.99	-748.06	712.42	686.43	26.00	27.406	
3,900.00	3,780.61	3,835.92	3,741.42	14.14	13.12	-118.00	-296.35	-771.46	731.13	704.33	26.80	27.279	
4,000.00	3,876.78	3,934.15	3,836.67	14.59	13.52	-118.03	-301.71	-794.87	749.84	722.23	27.62	27.149	
4,100.00	3,972.96	4,032.39	3,931.92	15.05	13.94	-118.06	-307.07	-818.28	768.56	740.11	28.45	27.017	
4,200.00	4,069.13	4,130.62	4,027.17	15.51	14.35	-118.08	-312.43	-841.69	787.27	757.99	29.28	26.885	
4,300.00	4,165.30	4,228.85	4,122.43	15.98	14.77	-118.10	-317.79	-865.10	805.98	775.85	30.13	26.752	
4,400.00	4,261.48	4,327.09	4,217.68	16.45	15.20	-118.12	-323.15	-888.51	824.69	793.71	30.98	26.619	
4,500.00	4,357.65	4,425.32	4,312.93	16.93	15.63	-118.14	-328.51	-911.91	843.41	811.57	31.84	26.488	
4,600.00	4,453.83	4,523.55	4,408.19	17.40	16.06	-118.17	-333.88	-935.32	862.12	829.41	32.71	26.358	
4,700.00	4,550.00	4,621.79	4,503.44	17.88	16.49	-118.18	-339.24	-958.73	880.83	847.25	33.58	26.231	
4,800.00	4,646.17	4,720.02	4,598.69	18.37	16.93	-118.20	-344.60	-982.14	899.54	865.09	34.46	26.106	
4,900.00	4,742.35	4,818.25	4,693.94	18.85	17.37	-118.22	-349.96	-1,005.55	918.26	882.92	35.34	25.983	
5,000.00	4,838.52	4,916.49	4,789.20	19.34	17.81	-118.24	-355.32	-1,028.95	936.97	900.74	36.23	25.863	
5,100.00	4,934.70	5,014.72	4,884.45	19.83	18.26	-118.25	-360.68	-1,052.36	955.68	918.56	37.12	25.745	
5,200.00	5,030.87	5,112.95	4,979.70	20.32	18.71	-118.27	-366.04	-1,075.77	974.40	936.38	38.02	25.630	
5,300.00	5,127.04	5,211.18	5,074.95	20.81	19.16	-118.28	-371.40	-1,099.18	993.11	954.19	38.92	25.518	
5,400.00	5,223.22	5,309.42	5,170.21	21.31	19.61	-118.30	-376.77	-1,122.59	1,011.82	972.00	39.82	25.409	
5,500.00	5,319.39	5,407.65	5,265.46	21.81	20.06	-118.31	-382.13	-1,145.99	1,030.54	989.81	40.73	25.303	
5,600.00	5,415.57	5,505.88	5,360.71	22.30	20.51	-118.33	-387.49	-1,169.40	1,049.25	1,007.61	41.64	25.199	
5,700.00	5,511.74	5,604.12	5,455.96	22.80	20.97	-118.34	-392.85	-1,192.81	1,067.96	1,025.41	42.55	25.098	
5,800.00	5,607.92	5,702.35	5,551.22	23.31	21.43	-118.35	-398.21	-1,216.22	1,086.68	1,043.21	43.47	25.000	
5,900.00	5,704.09	5,800.58	5,646.47	23.81	21.88	-118.36	-403.57	-1,239.63	1,105.39	1,061.01	44.38	24.905	
6,000.00	5,800.26	5,898.82	5,741.72	24.31	22.34	-118.38	-408.93	-1,263.04	1,124.10	1,078.80	45.31	24.812	
6,100.00	5,896.44	6,002.95	5,836.97	24.82	22.83	-118.39	-414.29	-1,286.44	1,142.82	1,096.56	46.26	24.706	
6,200.00	5,992.61	6,104.72	5,932.23	25.32	23.31	-118.40	-419.65	-1,309.85	1,161.53	1,114.33	47.20	24.610	
6,300.00	6,088.79	6,206.48	6,027.48	25.83	23.79	-118.41	-425.02	-1,333.26	1,180.25	1,132.11	48.14	24.517	
6,400.00	6,184.96	6,308.25	6,122.73	26.34	24.27	-118.42	-430.38	-1,356.67	1,198.96	1,149.87	49.09	24.426	



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					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	48.11	759.21	846.42	1,137.35				
100.00	100.00	70.98	70.98	3.28	3.28	48.13	758.99	846.70	1,137.09	1,129.74	7.35	154.614	
200.00	200.00	172.89	172.88	3.30	3.29	48.19	758.14	847.68	1,137.25	1,129.86	7.38	154.000	
300.00	300.00	285.26	285.24	3.35	3.32	109.18	756.88	848.13	1,136.96	1,129.50	7.45	152.513	
400.00	399.93	404.56	404.51	3.41	3.37	109.43	754.78	846.95	1,136.20	1,128.64	7.56	150.213	
500.00	499.68	514.17	514.07	3.50	3.43	109.79	752.80	844.03	1,135.35	1,127.64	7.71	147.280	
545.10	544.58	557.57	557.44	3.55	3.46	109.97	752.17	842.57	1,135.23	1,127.44	7.78	145.826	
600.00	599.13	611.78	611.61	3.61	3.50	110.21	751.57	840.57	1,135.42	1,127.54	7.89	143.961	
700.00	698.15	708.94	708.70	3.75	3.57	110.72	750.92	836.81	1,136.93	1,128.82	8.11	140.268	
800.00	796.63	807.89	807.57	3.93	3.66	111.37	750.35	833.01	1,139.89	1,131.52	8.37	136.196	
900.00	894.44	902.09	901.71	4.16	3.76	112.13	749.69	829.73	1,144.54	1,135.86	8.68	131.882	
1,000.00	991.46	998.91	998.48	4.43	3.87	113.04	748.73	826.82	1,151.03	1,141.99	9.04	127.289	
1,100.00	1,087.73	1,095.74	1,095.27	4.76	3.98	114.13	747.63	824.06	1,159.15	1,149.69	9.46	122.545	
1,200.00	1,183.91	1,194.56	1,194.04	5.12	4.11	115.31	746.45	821.16	1,167.82	1,157.90	9.91	117.806	
1,300.00	1,280.08	1,290.66	1,290.09	5.51	4.24	116.44	745.38	818.20	1,176.91	1,166.51	10.39	113.256	
1,400.00	1,376.25	1,387.59	1,386.96	5.93	4.37	117.53	744.71	814.98	1,186.49	1,175.60	10.89	108.927	
1,500.00	1,472.43	1,482.80	1,482.12	6.36	4.51	118.58	744.27	811.72	1,196.57	1,185.16	11.41	104.886	
7,900.00	7,056.98	7,055.03	7,050.84	36.39	15.55	86.78	806.40	644.27	1,169.79	1,133.83	35.96	32.526	
8,000.00	7,059.17	7,055.70	7,051.51	38.36	15.55	87.24	806.43	644.26	1,070.08	1,034.11	35.97	29.748	
8,100.00	7,061.36	7,056.37	7,052.18	40.45	15.55	87.69	806.45	644.25	970.42	934.43	35.99	26.961	
8,200.00	7,063.56	7,057.05	7,052.86	42.66	15.55	88.15	806.48	644.24	870.84	834.80	36.04	24.163	
8,300.00	7,065.75	7,057.72	7,053.53	44.95	15.55	88.61	806.50	644.23	771.37	735.24	36.13	21.350	
8,400.00	7,067.95	7,058.39	7,054.21	47.33	15.55	89.06	806.53	644.22	672.05	635.76	36.29	18.520	
8,500.00	7,070.14	7,059.07	7,054.88	49.77	15.56	89.53	806.55	644.21	572.97	536.40	36.58	15.665	
8,600.00	7,072.34	7,059.75	7,055.56	52.27	15.56	89.99	806.58	644.20	474.28	437.16	37.13	12.775	
8,700.00	7,074.53	7,060.43	7,056.24	54.82	15.56	90.45	806.61	644.19	376.28	338.04	38.24	9.840	
8,800.00	7,076.72	7,061.11	7,056.92	57.40	15.56	90.91	806.63	644.18	279.70	238.94	40.75	6.863	
8,900.00	7,078.92	7,061.79	7,057.60	60.03	15.56	91.38	806.66	644.17	186.74	139.48	47.26	3.951	
9,000.00	7,081.11	7,062.48	7,058.28	62.68	15.56	91.85	806.68	644.16	107.30	41.59	65.70	1.633	
9,067.76	7,082.60	7,062.93	7,058.73	64.51	15.56	92.15	806.70	644.15	83.59	3.11	80.48	1.039 Level 2, CC, ES, SF	
9,100.00	7,083.31	7,063.12	7,058.92	65.37	15.56	92.28	806.71	644.15	89.15	11.47	77.68	1.148 Level 2	
9,200.00	7,085.51	7,063.75	7,059.55	68.08	15.57	92.71	806.73	644.14	155.90	99.28	56.61	2.754	
9,300.00	7,087.71	7,064.37	7,060.18	70.82	15.57	93.14	806.75	644.13	246.29	199.33	46.97	5.244	
9,400.00	7,089.91	7,065.00	7,060.81	73.57	15.57	93.58	806.78	644.12	342.07	299.20	42.87	7.979	
9,500.00	7,092.11	7,065.64	7,061.44	76.33	15.57	94.01	806.80	644.11	439.74	398.91	40.83	10.771	
9,600.00	7,094.31	7,066.27	7,062.07	79.11	15.57	94.45	806.83	644.10	538.26	498.59	39.67	13.569	
9,700.00	7,096.50	7,066.90	7,062.71	81.91	15.57	94.88	806.85	644.09	637.24	598.29	38.95	16.360	
9,800.00	7,098.70	7,067.54	7,063.34	84.71	15.57	95.32	806.87	644.08	736.50	698.02	38.48	19.140	
9,900.00	7,100.90	7,068.18	7,063.98	87.53	15.58	95.76	806.90	644.07	835.93	797.77	38.15	21.909	
10,000.00	7,103.10	7,068.81	7,064.62	90.35	15.58	96.19	806.92	644.06	935.48	897.56	37.92	24.667	
10,100.00	7,105.30	7,069.45	7,065.26	93.19	15.58	96.63	806.94	644.05	1,035.12	997.36	37.76	27.415	
10,200.00	7,107.50	7,070.10	7,065.90	96.03	15.58	97.07	806.97	644.04	1,134.82	1,097.19	37.64	30.153	

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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	49.69	722.78	851.99	1,117.58				
100.00	100.00	76.73	76.73	3.28	3.28	49.69	722.66	851.97	1,117.19	1,109.83	7.35	151.904	
200.00	200.00	175.58	175.58	3.30	3.29	49.70	722.44	851.84	1,116.94	1,109.56	7.39	151.239	
270.69	270.69	247.72	247.72	3.33	3.31	110.61	722.55	851.60	1,116.99	1,109.56	7.43	150.347	
300.00	300.00	278.37	278.36	3.35	3.32	110.60	722.55	851.47	1,116.89	1,109.44	7.45	149.854	CC, ES
400.00	399.93	378.72	378.72	3.41	3.36	110.75	722.41	851.00	1,117.68	1,110.12	7.55	147.947	
500.00	499.68	477.53	477.53	3.50	3.41	111.04	722.15	850.72	1,119.78	1,112.09	7.69	145.580	
600.00	599.13	570.14	570.13	3.61	3.47	111.44	721.88	850.82	1,123.49	1,115.63	7.86	142.904	
700.00	698.15	669.08	669.08	3.75	3.54	112.00	722.04	851.19	1,129.08	1,121.00	8.07	139.826	
800.00	796.63	769.04	769.03	3.93	3.62	112.71	721.80	851.60	1,135.94	1,127.61	8.33	136.317	
900.00	894.44	866.41	866.40	4.16	3.72	113.51	721.61	851.93	1,144.41	1,135.77	8.64	132.492	
1,000.00	991.46	963.08	963.07	4.43	3.82	114.40	721.61	852.16	1,154.68	1,145.69	8.99	128.388	
1,100.00	1,087.73	1,059.75	1,059.74	4.76	3.93	115.46	721.99	852.13	1,166.64	1,157.24	9.40	124.098	
1,200.00	1,183.91	1,164.87	1,164.86	5.12	4.05	116.73	722.04	852.00	1,178.99	1,169.14	9.85	119.670	
1,300.00	1,280.08	1,270.44	1,270.40	5.51	4.19	118.07	719.90	852.05	1,190.92	1,180.58	10.33	115.275	SF

Offset Design		5N-66W-07 Offsets - STEPHENS 7-11 - SRC Energy PR Well - Actual VES Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7300-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	
11,000.00	7,125.09	7,139.61	7,133.04	118.99	15.63	113.95	732.46	3,726.13	1,159.45	1,118.38	41.08	28.227	
11,100.00	7,127.29	7,135.97	7,129.41	121.88	15.62	112.37	732.25	3,726.35	1,060.08	1,018.20	41.88	25.312	
11,200.00	7,129.49	7,132.30	7,125.75	124.78	15.62	110.74	732.04	3,726.57	960.82	917.91	42.91	22.391	
11,300.00	7,131.69	7,128.60	7,122.06	127.68	15.61	109.08	731.83	3,726.79	861.72	817.46	44.26	19.470	
11,400.00	7,133.89	7,124.86	7,118.34	130.58	15.60	107.36	731.61	3,727.01	762.84	716.77	46.07	16.559	
11,500.00	7,136.09	7,121.09	7,114.58	133.48	15.59	105.61	731.40	3,727.24	664.26	615.70	48.57	13.678	
11,600.00	7,138.29	7,117.28	7,110.79	136.39	15.58	103.82	731.18	3,727.47	566.16	514.02	52.15	10.857	
11,700.00	7,140.49	7,113.44	7,106.96	139.30	15.58	101.98	730.96	3,727.70	468.84	411.33	57.51	8.152	
11,800.00	7,142.69	7,109.98	7,103.51	142.21	15.57	100.31	730.76	3,727.91	372.88	306.84	66.04	5.647	
11,900.00	7,144.89	7,105.83	7,099.37	145.12	15.56	98.30	730.52	3,728.16	279.73	199.11	80.62	3.470	
12,000.00	7,147.08	7,101.74	7,095.30	148.04	15.55	96.31	730.28	3,728.41	193.45	85.69	107.76	1.795	
12,100.00	7,149.28	7,097.72	7,091.29	150.95	15.54	94.33	730.05	3,728.66	128.71	-24.80	153.51	0.838	Level 1
12,154.46	7,150.48	7,095.55	7,089.13	152.54	15.54	93.27	729.93	3,728.79	116.64	-51.86	168.50	0.692	Level 1, CC, ES, SF
12,200.00	7,151.48	7,093.75	7,087.34	153.87	15.53	92.39	729.82	3,728.90	125.20	-33.99	159.19	0.787	Level 1
12,300.00	7,153.68	7,089.84	7,083.44	156.80	15.53	90.47	729.60	3,729.14	186.43	71.50	114.93	1.622	
12,400.00	7,155.88	7,085.99	7,079.61	159.72	15.52	88.59	729.37	3,729.37	271.67	184.92	86.75	3.132	
12,500.00	7,158.08	7,082.20	7,075.83	162.64	15.51	86.74	729.15	3,729.60	364.45	292.93	71.52	5.096	
12,600.00	7,160.28	7,078.46	7,072.10	165.57	15.50	84.94	728.93	3,729.82	460.23	397.62	62.61	7.350	
12,700.00	7,162.48	7,074.77	7,068.43	168.50	15.49	83.18	728.72	3,730.04	557.47	500.48	56.99	9.782	
12,800.00	7,164.68	7,071.14	7,064.81	171.43	15.49	81.46	728.51	3,730.25	655.52	602.30	53.22	12.316	
12,900.00	7,166.88	7,067.56	7,061.24	174.36	15.48	79.79	728.30	3,730.47	754.06	703.48	50.59	14.906	
13,000.00	7,169.08	7,064.03	7,057.72	177.29	15.47	78.16	728.09	3,730.67	852.93	804.25	48.68	17.522	
13,100.00	7,171.27	7,060.55	7,054.25	180.22	15.46	76.58	727.89	3,730.88	952.02	904.76	47.26	20.145	
13,200.00	7,173.47	7,057.11	7,050.83	183.15	15.46	75.04	727.69	3,731.07	1,051.27	1,005.09	46.18	22.765	
13,300.00	7,175.67	7,053.73	7,047.45	186.09	15.45	73.56	727.49	3,731.27	1,150.64	1,105.29	45.35	25.374	



Offset Design		5N-66W-07 Offsets - STEPHENS 7-12 - SRC Energy SI Well - Actual VES Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7000-SRC Energy_2" CONE_2.448										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
9,400.00	7,089.91	7,122.58	7,115.19	73.57	16.61	107.11	701.42	2,088.61	1,129.22	1,088.82	40.40	27.951	
9,500.00	7,092.11	7,118.59	7,111.21	76.33	16.55	105.85	701.24	2,088.85	1,030.55	989.42	41.13	25.057	
9,600.00	7,094.31	7,114.60	7,107.23	79.11	16.49	104.58	701.07	2,089.10	932.15	890.05	42.10	22.141	
9,700.00	7,096.50	7,110.62	7,103.26	81.91	16.44	103.29	700.89	2,089.34	834.11	790.68	43.42	19.209	
9,800.00	7,098.70	7,106.63	7,099.28	84.71	16.38	101.99	700.72	2,089.59	736.57	691.32	45.25	16.278	
9,900.00	7,100.90	7,102.64	7,095.30	87.53	16.32	100.68	700.55	2,089.83	639.77	591.93	47.84	13.374	
10,000.00	7,103.10	7,101.35	7,091.32	90.35	16.30	99.36	700.37	2,090.08	544.10	492.46	51.64	10.537	
10,100.00	7,105.30	7,105.34	7,087.34	93.19	16.36	98.03	700.20	2,090.32	450.28	392.87	57.40	7.844	
10,200.00	7,107.50	7,109.33	7,083.37	96.03	16.42	96.70	700.02	2,090.56	359.75	293.42	66.33	5.424	
10,300.00	7,109.70	7,086.68	7,079.39	98.88	16.18	95.36	699.85	2,090.81	275.80	195.55	80.24	3.437	
10,400.00	7,111.90	7,082.69	7,075.41	101.74	16.14	94.02	699.68	2,091.05	206.58	105.05	101.53	2.035	
10,500.00	7,114.10	7,078.70	7,071.43	104.60	16.11	92.68	699.50	2,091.30	171.04	50.40	120.64	1.418	Level 3
10,517.21	7,114.48	7,078.02	7,070.75	105.10	16.11	92.45	699.47	2,091.34	170.17	48.60	121.57	1.400	Level 3, CC, ES, SF
10,600.00	7,116.30	7,074.71	7,067.46	107.47	16.08	91.34	699.33	2,091.54	189.21	75.89	113.32	1.670	
10,700.00	7,118.50	7,070.72	7,063.48	110.34	16.05	90.00	699.16	2,091.78	249.63	156.73	92.90	2.687	
10,800.00	7,120.70	7,066.74	7,059.50	113.22	16.02	88.66	698.98	2,092.03	329.85	252.60	77.24	4.270	
10,900.00	7,122.89	7,062.75	7,055.52	116.11	15.99	87.33	698.81	2,092.27	418.63	351.54	67.09	6.240	
11,000.00	7,125.09	7,058.76	7,051.54	118.99	15.96	86.00	698.63	2,092.52	511.54	451.10	60.44	8.463	
11,100.00	7,127.29	7,054.77	7,047.57	121.88	15.92	84.68	698.46	2,092.76	606.68	550.77	55.91	10.851	
11,200.00	7,129.49	7,050.78	7,043.59	124.78	15.89	83.36	698.29	2,093.01	703.15	650.45	52.70	13.343	
11,300.00	7,131.69	7,046.79	7,039.61	127.68	15.86	82.06	698.11	2,093.25	800.46	750.11	50.35	15.899	
11,400.00	7,133.89	7,042.80	7,035.63	130.58	15.83	80.77	697.94	2,093.49	898.35	849.77	48.58	18.494	
11,500.00	7,136.09	7,038.81	7,031.66	133.48	15.80	79.49	697.76	2,093.74	996.64	949.43	47.21	21.110	
11,600.00	7,138.29	7,034.82	7,027.68	136.39	15.77	78.22	697.59	2,093.98	1,095.23	1,049.09	46.14	23.737	
11,700.00	7,140.49	7,030.83	7,023.70	139.30	15.74	76.96	697.42	2,094.23	1,194.03	1,148.75	45.29	26.367	

Offset Design		5N-66W-07 Offsets - STEPHENS 7-13 - SRC Energy SI Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7350-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	
10,500.00	7,114.10	7,096.91	7,089.30	104.60	15.62	91.69	-313.94	2,167.30	1,187.70	1,067.34	120.36	9.868	
10,600.00	7,116.30	7,092.20	7,084.60	107.47	15.61	91.46	-314.07	2,167.63	1,182.79	1,059.21	123.58	9.571	
10,608.35	7,116.48	7,091.81	7,084.21	107.71	15.61	91.44	-314.08	2,167.66	1,182.76	1,058.95	123.81	9.553 CC, ES	
10,700.00	7,118.50	7,087.56	7,079.98	110.34	15.60	91.24	-314.19	2,167.96	1,186.30	1,060.23	126.07	9.410	
10,800.00	7,120.70	7,083.01	7,075.44	113.22	15.59	91.02	-314.31	2,168.27	1,198.15	1,070.37	127.79	9.376 SF	

Offset Design		5N-66W-07 Offsets - STEPHENS 7-15 - SRC Energy SI Well - Actual VES Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7400-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	
10,600.00	7,116.30	7,137.10	7,070.47	107.47	15.81	90.65	5.36	3,006.66	1,197.65	1,103.17	94.48	12.676	
10,700.00	7,118.50	7,137.60	7,070.96	110.34	15.81	90.68	5.37	3,006.65	1,129.54	1,028.54	101.00	11.184	
10,800.00	7,120.70	7,138.10	7,071.46	113.22	15.81	90.72	5.38	3,006.65	1,066.47	958.50	107.97	9.878	
10,900.00	7,122.89	7,138.59	7,071.95	116.11	15.81	90.75	5.39	3,006.64	1,009.38	894.11	115.27	8.757	
11,000.00	7,125.09	7,139.09	7,072.45	118.99	15.81	90.78	5.39	3,006.63	959.35	836.64	122.71	7.818	
11,100.00	7,127.29	7,139.58	7,072.94	121.88	15.81	90.82	5.40	3,006.62	917.52	787.53	129.99	7.058	
11,200.00	7,129.49	7,140.08	7,073.44	124.78	15.81	90.85	5.41	3,006.61	885.06	748.34	136.72	6.473	
11,300.00	7,131.69	7,140.57	7,073.93	127.68	15.81	90.88	5.42	3,006.60	863.03	720.56	142.47	6.057	
11,400.00	7,133.89	7,141.06	7,074.42	130.58	15.82	90.92	5.43	3,006.60	852.24	705.42	146.83	5.804	
11,442.54	7,134.83	7,141.27	7,074.63	131.81	15.82	90.93	5.43	3,006.59	851.18	703.00	148.18	5.744	CC, ES
11,500.00	7,136.09	7,141.55	7,074.91	133.48	15.82	90.95	5.43	3,006.59	853.12	703.63	149.49	5.707	SF
11,600.00	7,138.29	7,142.04	7,075.40	136.39	15.82	90.98	5.44	3,006.58	865.62	715.26	150.36	5.757	
11,700.00	7,140.49	7,142.53	7,075.89	139.30	15.82	91.01	5.45	3,006.57	889.26	739.71	149.55	5.946	
11,800.00	7,142.69	7,143.02	7,076.38	142.21	15.82	91.05	5.46	3,006.56	923.19	775.84	147.35	6.265	
11,900.00	7,144.89	7,143.50	7,076.86	145.12	15.82	91.08	5.47	3,006.55	966.32	822.21	144.11	6.705	
12,000.00	7,147.08	7,143.99	7,077.35	148.04	15.82	91.11	5.47	3,006.55	1,017.48	877.28	140.19	7.258	
12,100.00	7,149.28	7,144.48	7,077.84	150.95	15.82	91.15	5.48	3,006.54	1,075.52	939.61	135.91	7.914	
12,200.00	7,151.48	7,144.96	7,078.32	153.87	15.82	91.18	5.49	3,006.53	1,139.40	1,007.91	131.50	8.665	

Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-37.10	482.33	-364.75	604.96					
100.00	100.00	81.73	81.73	3.28	3.28	-37.10	482.39	-364.81	604.81	597.45	7.35	82.234		
200.00	200.00	181.39	181.39	3.30	3.29	-37.12	482.45	-365.16	605.06	597.68	7.39	81.915		
300.00	300.00	280.00	279.99	3.35	3.32	23.73	482.34	-365.90	605.03	597.57	7.45	81.168		
400.00	399.93	375.52	375.51	3.41	3.36	23.80	482.47	-367.01	602.65	595.09	7.55	79.780		
500.00	499.68	480.44	480.42	3.50	3.41	23.99	482.44	-368.82	597.29	589.60	7.70	77.594		
600.00	599.13	580.56	580.51	3.61	3.48	24.30	481.47	-370.46	587.95	580.08	7.88	74.658		
700.00	698.15	684.57	684.51	3.75	3.56	24.82	480.31	-371.93	575.22	567.13	8.09	71.063		
800.00	796.63	781.08	780.99	3.93	3.64	25.48	478.68	-373.30	558.95	550.60	8.34	67.000		
900.00	894.44	879.71	879.60	4.16	3.74	26.41	477.45	-374.61	539.93	531.30	8.63	62.554		
1,000.00	991.46	976.83	976.71	4.43	3.85	27.60	476.06	-375.86	517.80	508.84	8.96	57.801		
1,100.00	1,087.73	1,070.66	1,070.53	4.76	3.96	28.91	474.88	-377.21	493.53	484.21	9.32	52.951		
1,200.00	1,183.91	1,164.50	1,164.34	5.12	4.08	30.21	474.04	-379.08	469.78	460.07	9.71	48.397		
1,300.00	1,280.08	1,260.56	1,260.38	5.51	4.20	31.77	473.84	-380.63	446.69	436.56	10.13	44.093		
1,400.00	1,376.25	1,357.56	1,357.38	5.93	4.34	33.56	473.76	-381.83	423.89	413.30	10.59	40.030		
1,500.00	1,472.43	1,453.55	1,453.36	6.36	4.48	35.44	473.32	-383.55	401.45	390.37	11.08	36.241		
1,600.00	1,568.60	1,548.10	1,547.89	6.80	4.62	37.55	473.33	-385.07	379.82	368.22	11.60	32.753		
1,700.00	1,664.78	1,643.20	1,642.97	7.26	4.77	39.92	473.85	-386.83	359.34	347.19	12.15	29.575		
1,800.00	1,760.95	1,739.25	1,739.00	7.51	4.92	42.64	474.71	-388.31	339.78	327.41	12.37	27.474		
1,900.00	1,857.12	1,836.12	1,835.86	7.60	5.08	45.75	475.82	-389.59	321.24	308.60	12.65	25.402		
2,000.00	1,953.30	1,933.49	1,933.23	7.71	5.24	49.31	476.67	-390.44	303.42	290.44	12.97	23.385		
2,100.00	2,049.47	2,030.01	2,029.73	7.86	5.40	53.22	477.56	-391.41	286.96	273.61	13.35	21.496		
2,200.00	2,145.65	2,127.46	2,127.19	8.04	5.57	57.73	478.15	-391.74	271.66	257.89	13.78	19.721		
2,300.00	2,241.82	2,223.41	2,223.13	8.26	5.73	62.75	478.78	-391.57	258.31	244.06	14.25	18.132		
2,400.00	2,337.99	2,321.05	2,320.77	8.50	5.90	68.38	479.21	-391.24	247.06	232.31	14.75	16.745		
2,500.00	2,434.17	2,420.27	2,419.99	8.76	6.07	74.46	478.63	-391.55	237.37	222.08	15.28	15.530		
2,600.00	2,530.34	2,516.72	2,516.43	9.05	6.25	80.65	477.52	-392.54	229.80	213.99	15.82	14.528		
2,700.00	2,626.52	2,610.14	2,609.84	9.36	6.42	86.98	477.07	-393.09	226.02	209.69	16.33	13.838		
2,755.10	2,679.51	2,663.48	2,663.18	9.54	6.52	90.62	477.09	-393.38	225.57	208.96	16.61	13.582	CC, ES	
2,800.00	2,722.69	2,707.06	2,706.76	9.69	6.61	93.55	477.17	-393.82	225.86	209.04	16.82	13.427		
2,900.00	2,818.87	2,803.85	2,803.54	10.04	6.79	99.95	477.29	-394.96	228.59	211.32	17.27	13.238		
3,000.00	2,915.04	2,899.68	2,899.37	10.40	6.97	106.17	477.18	-395.79	234.34	216.67	17.67	13.265		
3,100.00	3,011.21	2,994.75	2,994.43	10.78	7.15	112.04	477.19	-396.20	243.30	225.28	18.02	13.502		
3,200.00	3,107.39	3,093.95	3,093.63	11.16	7.35	117.62	477.30	-397.05	254.54	236.19	18.35	13.869		
3,300.00	3,203.56	3,191.11	3,190.77	11.56	7.54	122.62	476.99	-398.51	267.21	248.54	18.67	14.315		
3,400.00	3,299.74	3,288.75	3,288.41	11.97	7.73	127.31	475.98	-399.98	281.50	262.54	18.96	14.844		
3,500.00	3,395.91	3,385.51	3,385.13	12.39	7.92	131.66	474.11	-401.43	297.24	277.99	19.25	15.441		
3,600.00	3,492.08	3,480.82	3,480.42	12.82	8.10	135.53	472.20	-402.77	314.60	295.07	19.54	16.104		
3,700.00	3,588.26	3,575.69	3,575.27	13.25	8.29	138.94	470.58	-403.83	333.62	313.79	19.83	16.822		
3,800.00	3,684.43	3,672.60	3,672.15	13.69	8.48	142.11	468.64	-404.66	353.93	333.79	20.15	17.569		
3,900.00	3,780.61	3,770.49	3,770.02	14.14	8.68	144.90	467.05	-405.98	374.75	354.27	20.48	18.295		
4,000.00	3,876.78	3,866.70	3,866.20	14.59	8.87	147.32	465.74	-407.57	396.05	375.22	20.84	19.008		
4,100.00	3,972.96	3,962.41	3,961.90	15.05	9.06	149.54	464.01	-408.96	418.16	396.97	21.20	19.728		
4,200.00	4,069.13	4,056.61	4,056.06	15.51	9.25	151.55	462.03	-410.14	441.04	419.48	21.56	20.453		
4,300.00	4,165.30	4,150.47	4,149.91	15.98	9.44	153.29	460.65	-410.73	464.96	443.02	21.95	21.186		
4,400.00	4,261.48	4,245.17	4,244.61	16.45	9.63	154.77	460.07	-410.94	489.60	467.25	22.35	21.903		
4,500.00	4,357.65	4,341.54	4,340.98	16.93	9.82	156.09	459.82	-410.92	514.72	491.94	22.78	22.596		
4,600.00	4,453.83	4,439.67	4,439.11	17.40	10.02	157.30	459.70	-411.21	539.76	516.54	23.23	23.240		
4,700.00	4,550.00	4,535.09	4,534.52	17.88	10.22	158.42	459.18	-411.71	564.84	541.17	23.67	23.866		
4,800.00	4,646.17	4,626.22	4,625.64	18.37	10.40	159.49	457.71	-411.84	590.64	566.55	24.09	24.519		
4,900.00	4,742.35	4,715.32	4,714.73	18.85	10.58	160.43	456.34	-411.00	617.65	593.14	24.51	25.202		
5,000.00	4,838.52	4,806.66	4,806.04	19.34	10.77	161.35	454.49	-409.42	645.65	620.71	24.94	25.888		
5,100.00	4,934.70	4,902.07	4,901.41	19.83	10.96	162.23	452.43	-407.48	674.11	648.71	25.40	26.541		
5,200.00	5,030.87	5,007.41	5,006.72	20.32	11.17	163.09	450.77	-405.99	702.01	676.10	25.91	27.090		
5,300.00	5,127.04	5,114.69	5,114.00	20.81	11.39	163.84	450.11	-405.88	728.59	702.15	26.45	27.549		
5,400.00	5,223.22	5,214.33	5,213.63	21.31	11.59	164.42	450.48	-406.46	754.38	727.42	26.96	27.984		
5,500.00	5,319.39	5,315.92	5,315.21	21.81	11.80	164.95	451.34	-407.72	779.50	752.02	27.48	28.364		
5,600.00	5,415.57	5,408.70	5,407.98	22.30	11.99	165.40	452.14	-408.85	804.70	776.73	27.97	28.769		
5,700.00	5,511.74	5,503.91	5,503.18	22.80	12.19	165.80	453.31	-409.61	830.25	801.77	28.48	29.156		
5,800.00	5,607.92	5,595.60	5,594.86	23.31	12.38	166.13	454.77	-409.90	856.18	827.21	28.97	29.557		
5,900.00	5,704.09	5,703.68	5,702.92	23.81	12.60	166.49	456.83	-410.53	881.80	852.27	29.53	29.856		
6,000.00	5,800.26	5,809.77	5,808.95	24.31	12.82	166.78	459.74	-412.24	906.28	876.18	30.10	30.112		
6,100.00	5,896.44	5,910.41	5,909.53	24.82	13.02	167.07	462.28	-414.64	930.10	899.46	30.64	30.359		
6,200.00	5,992.61	6,008.07	6,007.12	25.32	13.23	167.33	464.83	-417.18	953.73	922.56	31.17	30.601		
6,300.00	6,088.79	6,109.79	6,108.77	25.83	13.44	167.60	467.49	-420.12	977.09	945.38	31.71	30.810		
6,400.00	6,184.96	6,211.97	6,210.83	26.34	13.65	167.83	470.80	-423.55	999.86	967.60	32.27	30.988		

Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,281.16	6,295.16	6,293.94	26.83	13.83	165.88	473.69	-425.78	1,023.10	990.36	32.74	31.249	
6,600.00	6,379.08	6,381.43	6,380.17	27.07	14.00	133.24	476.00	-427.15	1,038.62	1,005.49	33.13	31.353	
6,700.00	6,478.03	6,466.69	6,465.42	27.21	14.18	75.01	477.24	-427.73	1,040.59	1,007.17	33.42	31.137	
6,800.00	6,575.56	6,550.02	6,548.75	27.30	14.35	48.93	477.38	-427.46	1,029.27	995.66	33.62	30.618	
6,900.00	6,669.27	6,637.62	6,636.33	27.38	14.53	40.91	476.88	-426.23	1,005.03	971.26	33.77	29.764	
7,000.00	6,756.86	6,726.90	6,725.60	27.49	14.71	39.26	476.51	-425.04	967.50	933.60	33.90	28.541	
7,100.00	6,836.17	6,800.85	6,799.54	27.69	14.86	40.88	475.76	-423.91	918.51	884.52	33.99	27.025	
7,200.00	6,905.24	6,875.16	6,873.84	28.02	15.01	45.65	475.12	-422.63	859.59	825.38	34.21	25.127	
7,300.00	6,962.38	6,932.25	6,930.92	28.55	15.13	52.99	475.15	-421.56	792.73	758.13	34.60	22.913	
7,400.00	7,006.18	6,974.74	6,973.39	29.31	15.21	62.73	475.22	-420.50	721.02	685.68	35.34	20.403	
7,500.00	7,035.56	7,004.83	7,003.47	30.31	15.28	73.99	475.28	-419.60	647.57	610.90	36.67	17.659	
7,600.00	7,049.79	7,019.95	7,018.58	31.54	15.31	84.46	475.32	-419.07	576.11	537.32	38.79	14.853	
7,700.00	7,052.59	7,025.90	7,024.52	32.96	15.32	87.54	475.33	-418.85	511.48	469.63	41.84	12.224	
7,800.00	7,054.78	7,031.61	7,030.24	34.58	15.33	88.33	475.34	-418.62	459.50	413.70	45.80	10.033	
7,900.00	7,056.98	7,037.66	7,036.28	36.39	15.34	89.17	475.35	-418.37	424.97	374.80	50.17	8.470	
8,000.00	7,059.17	7,044.06	7,042.68	38.36	15.35	90.06	475.36	-418.09	412.28	358.33	53.95	7.642	
8,003.34	7,059.24	7,044.28	7,042.90	38.43	15.36	90.09	475.36	-418.08	412.27	358.21	54.06	7.627	
8,100.00	7,061.36	7,050.86	7,049.47	40.45	15.37	91.00	475.37	-417.78	423.40	367.24	56.16	7.539 SF	
8,200.00	7,063.56	7,058.09	7,056.69	42.66	15.38	92.00	475.38	-417.44	456.58	399.96	56.62	8.064	
8,300.00	7,065.75	7,065.79	7,064.38	44.95	15.40	93.07	475.39	-417.05	507.49	451.64	55.85	9.086	
8,400.00	7,067.95	7,074.01	7,072.58	47.33	15.42	94.20	475.41	-416.62	571.42	516.90	54.52	10.481	
8,500.00	7,070.14	7,082.80	7,081.36	49.77	15.43	95.41	475.42	-416.14	644.49	591.44	53.05	12.149	
8,600.00	7,072.34	7,092.23	7,090.78	52.27	15.45	96.71	475.43	-415.60	723.93	672.28	51.65	14.016	
8,700.00	7,074.53	7,102.36	7,100.89	54.82	15.47	98.09	475.44	-414.99	807.85	757.45	50.40	16.030	
8,800.00	7,076.72	7,113.29	7,111.80	57.40	15.50	99.56	475.45	-414.29	894.98	845.68	49.30	18.153	
8,900.00	7,078.92	7,118.51	7,117.01	60.03	15.51	100.27	475.46	-414.00	984.52	936.15	48.37	20.355	
9,000.00	7,081.11	7,126.82	7,125.30	62.68	15.53	101.38	475.47	-413.49	1,075.83	1,028.27	47.56	22.622	
9,100.00	7,083.31	7,135.13	7,133.60	65.37	15.55	101.98	475.47	-412.98	1,168.06	1,121.21	46.84	24.936	

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	-142.53	-497.63	-381.47	627.34				
100.00	100.00	79.51	79.51	3.28	3.28	-142.54	-497.77	-381.34	627.05	619.69	7.35	85.259	
200.00	200.00	180.76	180.75	3.30	3.29	-142.59	-498.09	-380.92	627.06	619.67	7.39	84.897	
300.00	300.00	281.04	281.04	3.35	3.32	-81.76	-498.11	-380.63	626.83	619.38	7.45	84.096	
400.00	399.93	379.69	379.69	3.41	3.36	-82.07	-497.97	-380.69	626.26	618.70	7.55	82.903	
500.00	499.68	477.23	477.22	3.50	3.40	-82.66	-497.89	-381.13	625.53	617.84	7.69	81.347	
600.00	599.13	576.50	576.49	3.61	3.47	-83.56	-497.82	-381.97	624.72	616.86	7.86	79.435	
700.00	698.15	675.84	675.83	3.75	3.54	-84.77	-497.73	-382.79	623.69	615.61	8.08	77.168	
800.00	796.63	775.33	775.32	3.93	3.63	-86.31	-497.54	-383.63	622.63	614.28	8.35	74.585	
900.00	894.44	873.09	873.07	4.16	3.72	-88.12	-497.29	-384.37	621.79	613.13	8.67	71.750	
968.96	961.44	940.23	940.21	4.34	3.80	-89.54	-497.15	-384.91	621.61	612.69	8.92	69.665 CC	
1,000.00	991.46	970.46	970.44	4.43	3.83	-90.23	-497.07	-385.16	621.65	612.61	9.04	68.733 ES	
1,100.00	1,087.73	1,067.70	1,067.68	4.76	3.94	-92.57	-496.78	-385.92	622.44	612.95	9.48	65.629	
1,200.00	1,183.91	1,165.25	1,165.22	5.12	4.06	-94.96	-496.40	-386.52	624.21	614.24	9.97	62.620	
1,300.00	1,280.08	1,262.51	1,262.48	5.51	4.19	-97.32	-495.82	-387.12	626.94	616.45	10.48	59.801	
1,400.00	1,376.25	1,359.44	1,359.41	5.93	4.32	-99.63	-495.08	-387.85	630.67	619.65	11.02	57.212	
1,500.00	1,472.43	1,456.55	1,456.51	6.36	4.47	-101.93	-494.31	-388.47	635.41	623.83	11.58	54.865	
1,600.00	1,568.60	1,555.21	1,555.16	6.80	4.61	-104.20	-493.27	-389.31	641.02	628.86	12.16	52.736	
1,700.00	1,664.78	1,653.57	1,653.51	7.26	4.77	-106.41	-491.78	-390.30	647.24	634.50	12.74	50.812	
1,800.00	1,760.95	1,752.10	1,752.01	7.51	4.92	-108.56	-490.08	-391.43	654.25	641.33	12.92	50.647	
1,900.00	1,857.12	1,850.30	1,850.16	7.60	5.08	-110.58	-487.89	-393.38	661.80	648.67	13.13	50.407	
2,000.00	1,953.30	1,947.17	1,946.99	7.71	5.25	-112.49	-485.65	-395.74	670.14	656.77	13.37	50.115	
2,100.00	2,049.47	2,043.74	2,043.50	7.86	5.41	-114.36	-483.43	-398.03	679.26	665.62	13.65	49.778	
2,200.00	2,145.65	2,139.30	2,139.02	8.04	5.58	-116.17	-481.38	-400.11	689.26	675.32	13.95	49.425	
2,300.00	2,241.82	2,235.14	2,234.82	8.26	5.75	-117.96	-479.55	-401.92	700.21	685.94	14.27	49.066	
2,400.00	2,337.99	2,332.35	2,332.00	8.50	5.92	-119.72	-477.70	-403.72	711.87	697.25	14.62	48.688	
2,500.00	2,434.17	2,429.74	2,429.35	8.76	6.10	-121.44	-475.80	-405.47	724.15	709.16	14.99	48.305	
2,600.00	2,530.34	2,527.26	2,526.83	9.05	6.28	-123.09	-473.79	-407.35	736.96	721.58	15.38	47.918	
2,700.00	2,626.52	2,623.66	2,623.20	9.36	6.46	-124.69	-471.79	-409.04	750.38	734.60	15.78	47.550	
2,800.00	2,722.69	2,720.29	2,719.79	9.69	6.64	-126.24	-469.84	-410.61	764.44	748.25	16.20	47.201	
2,900.00	2,818.87	2,818.27	2,817.74	10.04	6.83	-127.75	-467.76	-412.17	778.98	762.36	16.62	46.858	
3,000.00	2,915.04	2,915.97	2,915.41	10.40	7.02	-129.21	-465.57	-413.83	793.90	776.84	17.06	46.530	
3,100.00	3,011.21	3,012.46	3,011.86	10.78	7.20	-130.59	-463.42	-415.56	809.31	791.80	17.51	46.228	
3,200.00	3,107.39	3,110.16	3,109.51	11.16	7.39	-131.94	-461.19	-417.27	825.14	807.18	17.96	45.941	
3,300.00	3,203.56	3,208.91	3,208.22	11.56	7.59	-133.28	-458.69	-418.61	841.27	822.85	18.42	45.666	
3,400.00	3,299.74	3,310.74	3,309.99	11.97	7.79	-134.67	-455.43	-419.22	857.42	838.53	18.89	45.384	
3,500.00	3,395.91	3,407.22	3,406.40	12.39	7.98	-136.02	-451.75	-418.68	873.79	854.44	19.35	45.156	
3,600.00	3,492.08	3,495.75	3,494.85	12.82	8.15	-137.29	-448.38	-416.94	891.07	871.29	19.79	45.031	
3,700.00	3,588.26	3,587.25	3,586.25	13.25	8.33	-138.62	-445.18	-414.13	909.52	889.29	20.23	44.961	
3,800.00	3,684.43	3,679.97	3,678.87	13.69	8.51	-139.93	-442.19	-410.89	928.87	908.20	20.67	44.934 SF	
3,900.00	3,780.61	3,764.93	3,763.75	14.14	8.67	-141.07	-439.96	-407.82	949.32	928.22	21.10	44.999	
4,000.00	3,876.78	3,855.22	3,853.96	14.59	8.85	-142.24	-438.56	-404.25	971.27	949.74	21.53	45.103	
4,100.00	3,972.96	3,952.20	3,950.84	15.05	9.04	-143.44	-437.13	-400.51	993.68	971.69	21.99	45.182	
4,200.00	4,069.13	4,051.26	4,049.85	15.51	9.23	-144.57	-435.73	-397.43	1,016.23	993.77	22.46	45.242	
4,300.00	4,165.30	4,153.19	4,151.74	15.98	9.43	-145.64	-434.14	-395.00	1,038.68	1,015.74	22.95	45.266	
4,400.00	4,261.48	4,254.28	4,252.79	16.45	9.64	-146.64	-432.23	-393.35	1,060.81	1,037.38	23.43	45.269	
4,500.00	4,357.65	4,353.14	4,351.62	16.93	9.84	-147.56	-430.16	-392.02	1,082.91	1,058.99	23.92	45.275	
4,600.00	4,453.83	4,450.16	4,448.62	17.40	10.03	-148.43	-427.97	-390.83	1,105.06	1,080.66	24.40	45.288	
4,700.00	4,550.00	4,547.44	4,545.87	17.88	10.23	-149.27	-425.79	-389.68	1,127.44	1,102.55	24.89	45.303	
4,800.00	4,646.17	4,644.88	4,643.26	18.37	10.43	-150.10	-423.14	-388.13	1,149.86	1,124.48	25.37	45.321	
4,900.00	4,742.35	4,740.23	4,738.54	18.85	10.63	-150.90	-420.39	-386.33	1,172.51	1,146.66	25.85	45.358	
5,000.00	4,838.52	4,835.52	4,833.77	19.34	10.82	-151.69	-417.54	-384.27	1,195.45	1,169.12	26.33	45.404	

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 1-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
16,900.00	7,254.84	7,100.00	6,744.13	292.16	50.79	30.30	508.60	9,550.97	1,184.59	1,066.36	118.23	10.019	
17,000.00	7,257.04	7,130.43	6,770.88	295.12	51.12	31.01	516.96	9,562.82	1,093.80	971.76	122.05	8.962	
17,100.00	7,259.24	7,146.09	6,784.40	298.07	51.30	31.41	521.19	9,569.50	1,004.54	877.00	127.54	7.876	
17,200.00	7,261.44	7,163.63	6,799.34	301.02	51.49	31.87	525.85	9,577.43	916.68	782.91	133.77	6.852	
17,300.00	7,263.64	7,200.00	6,829.52	303.98	51.89	32.89	535.26	9,595.38	830.89	691.56	139.33	5.963	
17,400.00	7,265.84	7,200.00	6,829.52	306.93	51.89	32.89	535.26	9,595.38	746.35	596.72	149.63	4.988	
17,500.00	7,268.04	7,231.14	6,854.46	309.89	52.29	33.85	543.04	9,612.32	664.54	506.03	158.51	4.192	
17,589.36	7,270.00	7,256.88	6,874.39	312.53	52.62	34.70	549.24	9,627.38	593.98	425.75	168.23	3.531	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,100.00	7,259.24	7,057.71	6,796.05	298.07	46.36	54.77	216.78	9,581.74	1,127.23	934.62	192.61	5.852	
17,200.00	7,261.44	7,100.00	6,831.65	301.02	46.80	56.89	225.06	9,602.99	1,048.77	845.93	202.83	5.171	
17,300.00	7,263.64	7,100.00	6,831.65	303.98	46.80	56.89	225.06	9,602.99	971.68	755.26	216.42	4.490	
17,400.00	7,265.84	7,100.00	6,831.65	306.93	46.80	56.89	225.06	9,602.99	899.11	667.83	231.28	3.888	
17,500.00	7,268.04	7,145.91	6,868.46	309.89	47.38	59.26	233.60	9,629.04	829.45	583.92	245.54	3.378	
17,589.36	7,270.00	7,172.16	6,888.55	312.53	47.71	60.64	238.26	9,645.27	771.53	511.53	260.00	2.967	CC, ES, SF



Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,300.00	7,263.64	7,100.00	6,846.50	303.98	43.01	68.53	-95.14	9,613.50	1,185.07	921.22	263.85	4.491	
17,400.00	7,265.84	7,100.00	6,846.50	306.93	43.01	68.53	-95.14	9,613.50	1,124.98	847.61	277.36	4.056	
17,500.00	7,268.04	7,148.24	6,884.35	309.89	43.67	70.53	-87.04	9,642.28	1,068.38	778.30	290.08	3.683	
17,589.36	7,270.00	7,174.81	6,904.14	312.53	44.04	71.62	-82.82	9,659.48	1,022.44	720.55	301.89	3.387	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST A2-9-11 - Extraction PR Well (Plan Only) - P										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
17,200.00	7,261.44	7,100.00	6,825.87	301.02	44.76	63.23	56.17	9,598.72	1,145.01	913.21	231.81	4.939	
17,300.00	7,263.64	7,100.00	6,825.87	303.98	44.76	63.23	56.17	9,598.72	1,075.04	829.57	245.47	4.380	
17,400.00	7,265.84	7,143.03	6,860.65	306.93	45.32	65.21	64.68	9,622.55	1,007.93	749.44	258.49	3.899	
17,500.00	7,268.04	7,169.52	6,881.18	309.89	45.67	66.43	69.69	9,638.54	945.56	672.69	272.87	3.465	
17,589.36	7,270.00	7,200.00	6,903.87	312.53	46.07	67.83	75.23	9,658.12	893.96	608.03	285.94	3.126	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST C1-9-11 - Extraction PR Well (Plan Only) -										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
16,800.00	7,252.64	7,200.00	6,855.08	289.21	52.41	19.34	650.64	9,520.05	1,191.16	1,103.23	87.94	13.546	
16,900.00	7,254.84	7,237.95	6,890.46	292.16	52.74	19.64	661.15	9,528.87	1,093.90	1,005.74	88.15	12.409	
17,000.00	7,257.04	7,248.19	6,899.90	295.12	52.83	19.73	663.96	9,531.66	998.18	907.85	90.33	11.050	
17,100.00	7,259.24	7,259.76	6,910.51	298.07	52.93	19.84	667.10	9,535.03	903.03	810.18	92.85	9.726	
17,200.00	7,261.44	7,272.91	6,922.49	301.02	53.05	19.97	670.66	9,539.13	808.57	712.80	95.77	8.443	
17,300.00	7,263.64	7,300.00	6,946.86	303.98	53.29	20.28	677.89	9,548.47	715.17	617.39	97.77	7.314	
17,400.00	7,265.84	7,300.00	6,946.86	306.93	53.29	20.28	677.89	9,548.47	622.40	518.45	103.95	5.987	
17,500.00	7,268.04	7,325.74	6,969.61	309.89	53.56	20.62	684.63	9,558.46	531.06	423.03	108.03	4.916	
17,589.36	7,270.00	7,346.96	6,988.02	312.53	53.78	20.96	690.09	9,567.48	450.86	337.69	113.17	3.984	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - Extraction PR Well (Plan Only) - Planned Extr											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		
17,000.00	7,257.04	7,200.00	6,703.74	295.12	61.68	-39.00	1,150.09	9,527.01	1,119.42	965.95	153.47	7.294		
17,100.00	7,259.24	7,200.00	6,703.74	298.07	61.68	-39.00	1,150.09	9,527.01	1,037.16	875.56	161.60	6.418		
17,200.00	7,261.44	7,231.71	6,731.99	301.02	62.01	-41.50	1,160.79	9,536.66	957.03	783.37	173.66	5.511		
17,300.00	7,263.64	7,247.13	6,745.53	303.98	62.16	-42.74	1,165.91	9,541.95	880.89	695.09	185.79	4.741		
17,400.00	7,265.84	7,264.95	6,761.02	306.93	62.35	-44.19	1,171.76	9,548.55	809.19	609.45	199.73	4.051		
17,500.00	7,268.04	7,300.00	6,790.87	309.89	62.71	-47.07	1,183.03	9,563.02	743.27	526.00	217.27	3.421		
17,589.36	7,270.00	7,300.00	6,790.87	312.53	62.71	-47.07	1,183.03	9,563.02	689.68	458.98	230.70	2.990 CC, ES, SF		

Offset Design		5N-66W-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
16,900.00	7,254.84	7,200.00	6,757.49	292.16	56.32	-7.91	822.92	9,550.97	1,148.98	1,064.21	84.77	13.554	
17,000.00	7,257.04	7,200.00	6,757.49	295.12	56.32	-7.91	822.92	9,550.97	1,056.79	969.74	87.06	12.139	
17,100.00	7,259.24	7,200.00	6,757.49	298.07	56.32	-7.91	822.92	9,550.97	966.16	876.35	89.81	10.758	
17,200.00	7,261.44	7,200.00	6,757.49	301.02	56.32	-7.91	822.92	9,550.97	877.57	784.43	93.14	9.422	
17,300.00	7,263.64	7,235.32	6,787.80	303.98	56.72	-10.10	833.94	9,565.37	789.85	692.55	97.30	8.118	
17,400.00	7,265.84	7,255.92	6,805.07	306.93	56.96	-11.49	840.22	9,574.68	704.71	602.15	102.56	6.871	
17,500.00	7,268.04	7,300.00	6,840.90	309.89	57.46	-14.76	853.24	9,596.77	622.96	512.87	110.09	5.659	
17,589.36	7,270.00	7,300.00	6,840.90	312.53	57.46	-14.76	853.24	9,596.77	551.57	434.57	116.99	4.714	CC, ES, SF

Offset Design 5N-66W-08 Offsets Need HZ - WHITE 8-1 - Extraction PR Well - No Surveys											Offset Site Error:		0.00 usft
Survey Program: 100-SRC Energy_2° CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,700.00	7,162.48	7,100.52	7,099.48	168.50	249.84	87.38	304.41	5,348.71	1,198.44	871.69	326.75	3.668	
12,800.00	7,164.68	7,101.68	7,101.68	171.43	249.88	87.62	304.41	5,348.71	1,109.17	775.43	333.74	3.323	
12,900.00	7,166.88	7,103.88	7,103.88	174.36	249.96	87.86	304.41	5,348.71	1,021.89	680.03	341.86	2.989	
13,000.00	7,169.08	7,106.08	7,106.08	177.29	250.04	88.11	304.41	5,348.71	937.15	585.88	351.27	2.668	
13,100.00	7,171.27	7,108.27	7,108.27	180.22	250.11	88.35	304.41	5,348.71	855.70	493.53	362.17	2.363	
13,200.00	7,173.47	7,110.47	7,110.47	183.15	250.19	88.59	304.41	5,348.71	778.58	403.87	374.71	2.078	
13,300.00	7,175.67	7,112.67	7,112.67	186.09	250.27	88.83	304.41	5,348.71	707.21	318.27	388.94	1.818	
13,400.00	7,177.87	7,114.87	7,114.87	189.02	250.35	89.08	304.41	5,348.71	643.51	238.94	404.57	1.591	
13,500.00	7,180.07	7,117.07	7,117.07	191.96	250.42	89.32	304.41	5,348.71	589.95	169.22	420.73	1.402	Level 3
13,600.00	7,182.27	7,119.27	7,119.27	194.90	250.50	89.56	304.41	5,348.71	549.52	113.84	435.68	1.261	Level 3
13,700.00	7,184.47	7,121.47	7,121.47	197.83	250.58	89.80	304.41	5,348.71	525.25	78.39	446.86	1.175	Level 2
13,780.47	7,186.24	7,123.24	7,123.24	200.20	250.64	90.00	304.41	5,348.71	519.05	67.63	451.42	1.150	Level 2, CC
13,800.00	7,186.67	7,123.67	7,123.67	200.77	250.66	90.05	304.41	5,348.71	519.42	67.59	451.83	1.150	Level 2, ES, SF
13,900.00	7,188.87	7,125.87	7,125.87	203.71	250.74	90.29	304.41	5,348.71	532.63	82.98	449.65	1.185	Level 2
14,000.00	7,191.07	7,128.07	7,128.07	206.65	250.81	90.53	304.41	5,348.71	563.55	122.06	441.49	1.276	Level 3
14,100.00	7,193.27	7,130.27	7,130.27	209.60	250.89	90.78	304.41	5,348.71	609.48	179.72	429.76	1.418	Level 3
14,200.00	7,195.46	7,132.46	7,132.46	212.54	250.97	91.02	304.41	5,348.71	667.34	250.59	416.75	1.601	
14,300.00	7,197.66	7,134.66	7,134.66	215.48	251.05	91.26	304.41	5,348.71	734.30	330.33	403.97	1.818	
14,400.00	7,199.86	7,136.86	7,136.86	218.42	251.13	91.50	304.41	5,348.71	808.12	415.92	392.20	2.060	
14,500.00	7,202.06	7,139.06	7,139.06	221.37	251.20	91.75	304.41	5,348.71	887.07	505.38	381.69	2.324	
14,600.00	7,204.26	7,141.26	7,141.26	224.31	251.28	91.99	304.41	5,348.71	969.91	597.43	372.48	2.604	
14,700.00	7,206.46	7,143.46	7,143.46	227.26	251.36	92.23	304.41	5,348.71	1,055.72	691.28	364.45	2.897	
14,800.00	7,208.66	7,145.66	7,145.66	230.20	251.44	92.47	304.41	5,348.71	1,143.84	786.38	357.46	3.200	

Offset Design		5N-66W-08 Offsets Need HZ - WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surveys										Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7600-SRC Energy_2" CONE_2.448										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
13,700.00	7,184.47	7,420.02	7,171.32	197.83	18.95	107.55	582.29	6,368.50	1,123.52	1,056.26	67.27	16.703		
13,800.00	7,186.67	7,416.48	7,167.81	200.77	18.94	106.71	581.88	6,368.72	1,026.00	954.75	71.25	14.400		
13,900.00	7,188.87	7,412.89	7,164.25	203.71	18.94	105.85	581.47	6,368.94	928.99	852.85	76.14	12.201		
14,000.00	7,191.07	7,409.24	7,160.63	206.65	18.93	104.98	581.04	6,369.17	832.67	750.44	82.23	10.126		
14,100.00	7,193.27	7,406.25	7,157.66	209.60	18.93	104.26	580.69	6,369.35	737.30	647.35	89.95	8.196		
14,200.00	7,195.46	7,401.98	7,153.43	212.54	18.92	103.23	580.18	6,369.63	643.33	543.36	99.97	6.435		
14,300.00	7,197.66	7,397.78	7,149.27	215.48	18.91	102.21	579.67	6,369.89	551.44	438.20	113.25	4.869		
14,400.00	7,199.86	7,393.65	7,145.18	218.42	18.90	101.21	579.16	6,370.15	462.90	331.65	131.25	3.527		
14,500.00	7,202.06	7,389.58	7,141.15	221.37	18.89	100.21	578.66	6,370.41	380.03	224.06	155.97	2.437		
14,600.00	7,204.26	7,385.57	7,137.18	224.31	18.89	99.24	578.16	6,370.66	307.46	118.52	188.94	1.627		
14,700.00	7,206.46	7,381.63	7,133.28	227.26	18.88	98.27	577.66	6,370.90	254.19	28.39	225.80	1.126	Level 2	
14,799.85	7,208.66	7,377.75	7,129.44	230.20	18.87	97.32	577.17	6,371.14	233.79	-12.18	245.97	0.950	Level 1, CC	
14,800.00	7,208.66	7,377.75	7,129.44	230.20	18.87	97.32	577.17	6,371.14	233.79	-12.18	245.98	0.950	Level 1, ES, SF	
14,900.00	7,210.86	7,373.92	7,125.65	233.15	18.86	96.38	576.67	6,371.38	254.31	23.76	230.55	1.103	Level 2	
15,000.00	7,213.06	7,370.16	7,121.93	236.10	18.86	95.46	576.18	6,371.61	307.66	110.87	196.80	1.563		
15,100.00	7,215.26	7,366.45	7,118.25	239.04	18.85	94.56	575.70	6,371.83	380.28	214.77	165.51	2.298		
15,200.00	7,217.46	7,362.79	7,114.64	241.99	18.84	93.66	575.21	6,372.05	463.18	321.51	141.67	3.269		
15,300.00	7,219.65	7,359.19	7,111.08	244.94	18.84	92.79	574.73	6,372.27	551.75	427.60	124.15	4.444		
15,400.00	7,221.85	7,355.64	7,107.57	247.89	18.83	91.93	574.25	6,372.48	643.66	532.51	111.15	5.791		
15,500.00	7,224.05	7,352.15	7,104.11	250.84	18.82	91.08	573.78	6,372.69	737.65	636.36	101.29	7.283		
15,600.00	7,226.25	7,348.70	7,100.70	253.79	18.82	90.25	573.31	6,372.89	833.03	739.38	93.65	8.895		
15,700.00	7,228.45	7,345.31	7,097.34	256.74	18.81	89.43	572.84	6,373.09	929.37	841.76	87.61	10.608		
15,800.00	7,230.65	7,341.96	7,094.03	259.69	18.80	88.63	572.37	6,373.28	1,026.39	943.65	82.74	12.404		
15,900.00	7,232.85	7,338.66	7,090.77	262.64	18.80	87.85	571.91	6,373.48	1,123.93	1,045.16	78.77	14.268		

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	
6,800.00	6,575.56	6,637.19	6,589.91	27.30	22.37	-28.83	1,801.47	-738.68	1,181.68	1,131.80	49.89	23.687	
6,900.00	6,669.27	7,347.50	7,178.07	27.38	22.50	-70.29	1,790.13	-1,082.84	1,123.63	1,077.44	46.19	24.328	
7,000.00	6,756.86	7,365.80	7,187.36	27.49	22.59	-82.93	1,789.61	-1,098.60	1,064.07	1,017.07	47.00	22.638	
7,100.00	6,836.17	7,336.20	7,172.13	27.69	22.45	-89.09	1,790.45	-1,073.24	1,012.47	964.50	47.97	21.108	
7,200.00	6,905.24	7,293.77	7,148.51	28.02	22.27	-92.19	1,791.61	-1,038.02	970.53	921.65	48.89	19.852	
7,300.00	6,962.38	7,246.12	7,119.54	28.55	22.19	-93.28	1,792.85	-1,000.21	939.39	889.55	49.85	18.846	
7,400.00	7,006.18	7,195.86	7,086.34	29.31	22.11	-92.82	1,794.09	-962.52	919.61	868.87	50.74	18.122	
7,500.00	7,035.56	7,144.14	7,049.49	30.31	22.12	-91.09	1,795.29	-926.25	911.13	859.43	51.69	17.625	
7,528.97	7,041.26	7,128.97	7,038.20	30.66	22.12	-90.38	1,795.62	-916.13	910.69	858.71	51.98	17.520 CC, ES	
7,600.00	7,049.79	7,091.52	7,009.42	31.54	22.14	-88.28	1,796.41	-892.19	913.21	860.61	52.60	17.362	
7,700.00	7,052.59	7,041.12	6,968.79	32.96	22.20	-85.50	1,797.39	-862.40	924.33	870.84	53.49	17.281 SF	
7,800.00	7,054.78	7,000.00	6,934.16	34.58	22.24	-83.31	1,798.12	-840.26	943.35	889.06	54.29	17.376	
7,900.00	7,056.98	6,964.73	6,903.48	36.39	22.29	-81.40	1,798.69	-822.87	970.39	915.38	55.01	17.641	
8,000.00	7,059.17	6,935.64	6,877.55	38.36	22.33	-79.80	1,799.13	-809.68	1,005.25	949.64	55.61	18.077	
8,100.00	7,061.36	6,900.00	6,845.10	40.45	22.37	-77.83	1,799.61	-794.98	1,047.54	991.41	56.13	18.663	
8,200.00	7,063.56	6,900.00	6,845.10	42.66	22.37	-77.83	1,799.61	-794.98	1,096.45	1,040.01	56.43	19.429	
8,300.00	7,065.75	6,871.39	6,818.54	44.95	22.40	-76.24	1,799.96	-784.36	1,151.29	1,094.54	56.75	20.287	















































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				Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
3,900.00	3,780.61	4,006.33	3,960.65	14.14	16.30	55.54	1,605.14	-954.81	1,199.53	1,173.23	26.30	45.610	
4,000.00	3,876.78	4,103.90	4,048.88	14.59	16.79	57.04	1,592.52	-944.05	1,168.26	1,140.98	27.28	42.833	
4,100.00	3,972.96	4,185.87	4,137.11	15.05	17.21	58.61	1,579.90	-933.28	1,137.83	1,109.61	28.23	40.308	
4,200.00	4,069.13	4,275.65	4,225.33	15.51	17.66	60.25	1,567.27	-922.52	1,108.33	1,079.08	29.25	37.895	
4,300.00	4,165.30	4,365.42	4,313.56	15.98	18.12	61.97	1,554.65	-911.75	1,079.81	1,049.51	30.30	35.636	
4,400.00	4,261.48	4,455.19	4,401.79	16.45	18.57	63.76	1,542.02	-900.99	1,052.36	1,020.97	31.39	33.524	
4,500.00	4,357.65	4,544.97	4,490.01	16.93	19.03	65.64	1,529.40	-890.22	1,026.07	993.56	32.52	31.555	
4,600.00	4,453.83	4,634.74	4,578.24	17.40	19.48	67.61	1,516.78	-879.45	1,001.03	967.36	33.68	29.726	
4,700.00	4,550.00	4,724.51	4,666.47	17.88	19.94	69.65	1,504.15	-868.69	977.34	942.47	34.87	28.032	
4,800.00	4,646.17	4,814.29	4,754.70	18.37	20.40	71.78	1,491.53	-857.92	955.09	919.01	36.08	26.469	
4,900.00	4,742.35	4,904.06	4,842.92	18.85	20.86	73.99	1,478.90	-847.16	934.39	897.07	37.32	25.035	
5,000.00	4,838.52	5,006.17	4,931.15	19.34	21.38	76.29	1,466.28	-836.39	915.34	876.71	38.64	23.691	
5,100.00	4,934.70	5,083.61	5,019.38	19.83	21.77	78.66	1,453.66	-825.63	898.06	858.21	39.85	22.535	
5,200.00	5,030.87	5,173.38	5,107.60	20.32	22.23	81.10	1,441.03	-814.86	882.63	841.51	41.12	21.463	
5,300.00	5,127.04	5,263.15	5,195.83	20.81	22.69	83.61	1,428.41	-804.10	869.17	826.78	42.39	20.505	
5,400.00	5,223.22	5,352.93	5,284.06	21.31	23.15	86.18	1,415.78	-793.33	857.76	814.12	43.63	19.658	
5,500.00	5,319.39	5,442.70	5,372.28	21.81	23.61	88.80	1,403.16	-782.57	848.48	803.63	44.85	18.916	
5,600.00	5,415.57	5,532.47	5,460.51	22.30	24.08	91.46	1,390.54	-771.80	841.42	795.38	46.04	18.277	
5,700.00	5,511.74	5,615.86	5,542.62	22.80	24.43	93.90	1,379.51	-762.40	836.92	789.85	47.07	17.779	
5,800.00	5,607.92	5,700.49	5,626.36	23.31	24.70	96.25	1,370.18	-754.44	835.28	787.31	47.97	17.413	
5,812.61	5,620.04	5,711.32	5,637.10	23.37	24.73	96.54	1,369.12	-753.53	835.26	787.19	48.07	17.375	
5,900.00	5,704.09	5,787.25	5,712.53	23.81	24.95	98.50	1,362.56	-747.95	836.17	787.40	48.77	17.145	
6,000.00	5,800.26	5,876.03	5,800.99	24.31	25.16	100.62	1,356.83	-743.06	839.24	789.75	49.49	16.959	
6,100.00	5,896.44	5,966.74	5,891.57	24.82	25.35	102.59	1,353.13	-739.90	844.13	794.01	50.12	16.841	
6,200.00	5,992.61	6,091.59	5,983.61	25.32	25.56	104.39	1,351.57	-738.57	850.51	799.75	50.76	16.755	
6,300.00	6,088.79	6,154.98	6,079.79	25.83	25.66	106.10	1,351.57	-738.57	857.98	806.72	51.26	16.738	
6,400.00	6,184.96	6,251.16	6,175.96	26.34	25.81	107.78	1,351.57	-738.57	866.25	814.47	51.78	16.729	
6,500.00	6,281.16	6,347.36	6,272.16	26.83	25.96	107.47	1,351.57	-738.57	875.21	822.95	52.27	16.745	
6,600.00	6,379.08	6,445.28	6,370.08	27.07	26.12	76.32	1,351.57	-738.57	877.46	824.91	52.55	16.698	
6,700.00	6,478.03	6,544.23	6,469.03	27.21	26.27	17.66	1,351.57	-738.57	867.82	815.02	52.79	16.438	
6,800.00	6,575.56	6,654.54	6,579.34	27.30	26.44	-10.92	1,351.57	-738.70	846.19	793.14	53.06	15.949	
6,900.00	6,669.27	7,297.34	7,134.05	27.38	25.84	-57.07	1,342.35	-1,018.69	776.77	731.17	45.60	17.035	
7,000.00	6,756.86	7,350.47	7,164.80	27.49	25.76	-80.60	1,340.92	-1,061.99	696.37	650.58	45.78	15.210	
7,100.00	6,836.17	7,335.18	7,156.28	27.69	25.79	-91.18	1,341.34	-1,049.30	622.17	574.87	47.30	13.153	
7,200.00	6,905.24	7,300.46	7,135.95	28.02	25.84	-95.84	1,342.26	-1,021.17	558.21	509.16	49.05	11.380	
7,300.00	6,962.38	7,257.66	7,109.04	28.55	25.91	-96.86	1,343.36	-987.91	508.12	457.44	50.68	10.027	
7,400.00	7,006.18	7,210.76	7,077.34	29.31	25.99	-95.22	1,344.50	-953.39	475.19	423.46	51.73	9.186	
7,500.00	7,035.56	7,161.53	7,041.70	30.31	26.08	-91.40	1,345.62	-919.45	461.40	409.35	52.05	8.865	
7,521.96	7,040.00	7,150.50	7,033.40	30.58	26.10	-90.30	1,345.85	-912.19	460.95	408.92	52.04	8.859 CC, ES, SF	
7,600.00	7,049.79	7,110.84	7,002.66	31.54	26.17	-85.77	1,346.68	-887.16	466.36	414.67	51.69	9.022	
7,700.00	7,052.59	7,061.99	6,962.96	32.96	26.25	-80.44	1,347.62	-858.72	487.27	436.27	51.00	9.554	
7,800.00	7,054.78	7,021.46	6,928.62	34.58	26.32	-76.32	1,348.32	-837.22	522.11	471.89	50.22	10.396	
7,900.00	7,056.98	6,987.75	6,899.17	36.39	26.37	-72.90	1,348.86	-820.84	569.33	519.74	49.59	11.480	
8,000.00	7,059.17	6,959.40	6,873.82	38.36	26.40	-70.06	1,349.28	-808.15	626.83	577.64	49.20	12.741	
8,100.00	7,061.36	6,935.29	6,851.88	40.45	26.43	-67.69	1,349.61	-798.16	692.49	643.48	49.01	14.130	
8,200.00	7,063.56	6,900.00	6,819.19	42.66	26.47	-64.30	1,350.05	-784.87	764.77	715.84	48.93	15.631	
8,300.00	7,065.75	6,900.00	6,819.19	44.95	26.47	-64.30	1,350.05	-784.87	841.47	792.46	49.01	17.169	
8,400.00	7,067.95	6,900.00	6,819.19	47.33	26.47	-64.30	1,350.05	-784.87	922.64	873.53	49.11	18.786	
8,500.00	7,070.14	6,867.12	6,788.19	49.77	26.49	-61.27	1,350.41	-773.95	1,006.01	956.80	49.21	20.443	
8,600.00	7,072.34	6,854.86	6,776.50	52.27	26.50	-60.17	1,350.53	-770.25	1,092.18	1,042.85	49.33	22.139	
8,700.00	7,074.53	6,843.92	6,766.02	54.82	26.50	-59.20	1,350.63	-767.11	1,180.26	1,130.81	49.46	23.864	

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
2,600.00	2,530.34	2,782.16	2,718.87	9.05	12.34	-53.90	-173.12	-1,561.19	1,191.22	1,170.70	20.52	58.060	
2,700.00	2,626.52	2,864.99	2,797.24	9.36	12.91	-53.61	-146.42	-1,558.78	1,159.41	1,138.10	21.31	54.396	
2,800.00	2,722.69	2,944.05	2,872.40	9.69	13.42	-53.37	-121.95	-1,556.91	1,128.63	1,106.54	22.09	51.092	
2,900.00	2,818.87	3,021.99	2,946.69	10.04	13.93	-53.13	-98.41	-1,556.05	1,099.29	1,076.40	22.88	48.039	
3,000.00	2,915.04	3,105.90	3,026.74	10.40	14.48	-52.84	-73.26	-1,556.40	1,071.38	1,047.66	23.72	45.164	
3,100.00	3,011.21	3,192.86	3,109.90	10.78	15.03	-52.55	-47.84	-1,557.21	1,044.27	1,019.69	24.58	42.486	
3,200.00	3,107.39	3,279.81	3,193.58	11.16	15.57	-52.35	-24.25	-1,558.23	1,018.16	992.74	25.43	40.043	
3,300.00	3,203.56	3,373.50	3,284.11	11.56	16.12	-52.19	-0.13	-1,559.43	992.68	966.38	26.29	37.754	
3,400.00	3,299.74	3,470.63	3,378.19	11.97	16.68	-52.09	23.97	-1,560.24	967.14	939.98	27.17	35.601	
3,500.00	3,395.91	3,564.84	3,469.76	12.39	17.20	-52.06	46.14	-1,560.81	941.87	913.85	28.02	33.617	
3,600.00	3,492.08	3,661.34	3,563.95	12.82	17.71	-52.14	67.12	-1,560.72	916.61	887.75	28.86	31.761	
3,700.00	3,588.26	3,760.65	3,660.92	13.25	18.22	-52.25	88.53	-1,560.77	891.56	861.85	29.71	30.010	
3,800.00	3,684.43	3,864.33	3,761.33	13.69	18.82	-52.12	114.33	-1,561.39	865.79	835.15	30.64	28.261	
3,900.00	3,780.61	3,969.96	3,862.56	14.14	19.50	-51.72	144.48	-1,562.01	838.64	807.01	31.64	26.510	
4,000.00	3,876.78	4,068.41	3,956.57	14.59	20.16	-51.24	173.68	-1,562.70	811.28	778.65	32.63	24.860	
4,100.00	3,972.96	4,159.52	4,043.91	15.05	20.75	-50.85	199.62	-1,563.24	784.28	750.69	33.60	23.345	
4,200.00	4,069.13	4,264.03	4,144.34	15.51	21.41	-50.46	228.52	-1,562.93	756.79	722.22	34.58	21.887	
4,300.00	4,165.30	4,353.92	4,230.55	15.98	21.99	-50.04	254.00	-1,562.87	729.33	693.78	35.54	20.520	
4,400.00	4,261.48	4,449.39	4,322.34	16.45	22.59	-49.62	280.21	-1,563.10	702.46	665.95	36.51	19.238	
4,500.00	4,357.65	4,549.09	4,418.04	16.93	23.24	-49.11	308.17	-1,563.15	675.28	637.78	37.50	18.006	
4,600.00	4,453.83	4,642.90	4,507.94	17.40	23.85	-48.54	334.97	-1,563.17	647.97	609.48	38.49	16.834	
4,700.00	4,550.00	4,730.75	4,592.36	17.88	24.40	-48.02	359.27	-1,563.69	621.52	582.06	39.46	15.751	
4,800.00	4,646.17	4,827.03	4,685.43	18.37	24.98	-47.59	383.92	-1,564.85	596.29	555.87	40.42	14.754	
4,900.00	4,742.35	4,926.23	4,781.32	18.85	25.58	-47.13	409.31	-1,565.18	570.28	528.91	41.38	13.783	
5,000.00	4,838.52	5,019.78	4,871.48	19.34	26.15	-46.53	434.23	-1,565.92	544.46	502.13	42.33	12.861	
5,100.00	4,934.70	5,110.84	4,959.55	19.83	26.69	-46.01	457.34	-1,567.23	519.63	476.35	43.28	12.005	
5,200.00	5,030.87	5,206.10	5,052.27	20.32	27.22	-45.69	479.16	-1,568.59	495.48	451.28	44.20	11.209	
5,300.00	5,127.04	5,303.99	5,148.03	20.81	27.72	-45.62	499.42	-1,569.48	471.43	426.34	45.09	10.455	
5,400.00	5,223.22	5,403.20	5,245.25	21.31	28.20	-45.65	519.17	-1,569.75	446.98	401.03	45.96	9.726	
5,500.00	5,319.39	5,501.31	5,341.69	21.81	28.67	-45.93	537.20	-1,569.23	422.19	375.37	46.82	9.018	
5,600.00	5,415.57	5,596.70	5,436.69	22.30	29.09	-46.44	553.43	-1,568.39	397.44	349.78	47.67	8.338	
5,700.00	5,511.74	5,695.15	5,532.85	22.80	29.50	-47.20	569.21	-1,567.21	372.71	324.22	48.50	7.686	
5,800.00	5,607.92	5,787.61	5,624.26	23.31	29.88	-48.16	583.07	-1,566.19	348.44	299.10	49.34	7.061	
5,900.00	5,704.09	5,879.27	5,715.10	23.81	30.22	-49.46	595.27	-1,566.01	325.65	275.47	50.18	6.490	
6,000.00	5,800.26	5,973.38	5,808.65	24.31	30.52	-51.36	605.54	-1,566.34	304.39	253.42	50.97	5.971	
6,100.00	5,896.44	6,067.59	5,902.49	24.82	30.80	-53.87	613.94	-1,566.91	284.53	232.79	51.73	5.500	
6,200.00	5,992.61	6,162.98	5,997.62	25.32	31.05	-57.04	620.91	-1,567.83	266.32	213.89	52.43	5.080	
6,300.00	6,088.79	6,261.44	6,095.88	25.83	31.30	-61.02	627.14	-1,568.11	248.99	195.97	53.02	4.696	
6,400.00	6,184.96	6,356.08	6,190.39	26.34	31.50	-65.72	631.87	-1,567.72	233.18	179.74	53.45	4.363	
6,500.00	6,281.16	6,449.67	6,283.94	26.83	31.68	-73.23	634.80	-1,567.28	220.51	166.90	53.60	4.114	
6,563.62	6,343.22	6,509.80	6,344.05	26.98	31.78	-92.64	635.97	-1,567.31	217.55	164.07	53.48	4.068 CC, ES, SF	
6,600.00	6,379.08	6,545.29	6,379.54	27.07	31.84	-110.24	636.43	-1,567.42	218.42	164.97	53.45	4.087	
6,700.00	6,478.03	6,643.82	6,478.07	27.21	31.98	-171.66	637.27	-1,567.50	228.75	175.26	53.49	4.277	
6,800.00	6,575.56	6,741.52	6,575.77	27.30	32.12	160.49	637.68	-1,567.27	249.65	195.80	53.85	4.636	
6,900.00	6,669.27	6,835.08	6,669.32	27.38	32.25	151.29	637.82	-1,566.81	280.92	226.48	54.44	5.160	
7,000.00	6,756.86	6,922.60	6,756.84	27.49	32.36	147.79	637.55	-1,566.20	323.25	268.19	55.05	5.871	
7,100.00	6,836.17	7,002.51	6,836.74	27.69	32.46	145.97	637.11	-1,565.49	376.88	321.32	55.56	6.783	
7,200.00	6,905.24	7,072.45	6,906.68	28.02	32.55	144.01	636.64	-1,564.77	441.50	385.59	55.91	7.897	
7,300.00	6,962.38	7,130.67	6,964.89	28.55	32.63	140.64	636.22	-1,564.12	516.10	460.02	56.09	9.202	
7,400.00	7,006.18	7,175.33	7,009.56	29.31	32.68	134.35	635.88	-1,563.61	599.11	542.97	56.14	10.672	
7,500.00	7,035.56	7,205.37	7,039.59	30.31	32.72	122.73	635.66	-1,563.27	688.53	632.42	56.11	12.272	
7,600.00	7,049.79	7,220.43	7,054.65	31.54	32.74	102.52	635.54	-1,563.11	782.03	726.02	56.01	13.962	
7,700.00	7,052.59	7,224.21	7,058.43	32.96	32.74	95.80	635.51	-1,563.07	877.37	821.47	55.89	15.698	
7,800.00	7,054.78	7,227.38	7,061.60	34.58	32.75	96.52	635.49	-1,563.04	973.63	917.85	55.78	17.456	
7,900.00	7,056.98	7,230.55	7,064.76	36.39	32.75	97.24	635.46	-1,563.01	1,070.56	1,014.89	55.67	19.230	
8,000.00	7,059.17	7,233.70	7,067.92	38.36	32.76	97.95	635.44	-1,562.97	1,168.01	1,112.43	55.58	21.016	



Central Meridian is -105.500000

Grid Convergence at Surface is:  $0.43^\circ$

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|---|---|---|--|---|---|
|  | UPR27-44b, Noble Energy/PWwEi, Actual/VES Survey/V0                             |  | TCOOUNTY/CLUBWEST C9-11, Ectadon PRWwEi (Plan Only), Planned Ectadon Survey/V0 |  | BOST FARM31C-11-L, Wellbore #1, Design#1 V0           |
|  | STEPHEN57-12, SRC Energy/SWwEi, Actual/VES Survey/V0                            |  | TCOMOSERHLL-2-9-11 Ectadon PRWwEi (Plan Only), Planned Ectadon Survey/V0       |  | BOST FARM30N-11B-L, Wellbore #1, Design#1 V0          |
|  | NAPOLION7-6, Noble Energy/PWwEi, Actual/VES Survey/V0                           |  | Greelye/Rhe-1-18 SRC Energy/Planned Well, Planned Ectadon Drondal Survey/V0    |  | BOST FARM18A-L, Wellbore #1, Design#1 V0              |
|  | STEPHEN57-13, SRC Energy/SWwEi, Actual/VES Survey/V0                            |  | Greelye/Rhe-1-18 SRC Energy/Planned Well, Planned Ectadon Drondal Survey/V0    |  | BOST FARM36B-4-L, Wellbore #1, Design#1 V0            |
|  | STEPHEN57-15, SRC Energy/SWwEi, Actual/VES Survey/V0                            |  | BOST FARM11A-11-L, Wellbore #1, Design#1 V0                                    |  | BOST FARM11A-11-L, Wellbore #1, Design#1 V0           |
|  | NAPOLION7-3, Noble Energy/PWwEi, Actual/VES Survey/V0                           |  | BOST FARM30N-11C-L, Wellbore #1, Design#1 V0                                   |  | BOST FARM30C-8-L, Wellbore #1, Design#1 V0            |
|  | UPR27-96b, Noble Energy/PWwEi, Actual/VES Survey/V0                             |  | BOST FARM26B-8B-L, Wellbore #1, Design#1 V0                                    |  | BOST FARM30C-11-L, Wellbore #1, Design#1 V0           |
|  | STEPHEN57-11, SRC Energy/PWwEi, Actual/VES Survey/V0                            |  | BOST FARM11N-8C-L, Wellbore #1, Design#1 V0                                    |  | BOST FARM30C-11-L, Wellbore #1, Design#1 V0           |
|  | TCOOUNTY/CLUBWEST 1-9-11 Ectadon PRWwEi (Plan Only), Planned Ectadon Survey/V0  |  | BOST FARM11N-8C-L, Wellbore #1, Design#1 V0                                    |  | BOST FARM30N-10-L, Wellbore #1, Design#1 V0           |
|  | WHITE53B, SRC Energy/PWwEi, Actual/VES Survey/V0                                |  | BOST FARM30C-2-L, Wellbore #1, Design#1 V0                                     |  | BOST FARM30N-11B-L, Wellbore #1, Design#1 V0          |
|  | TCOOUNTY/CLUBWEST 2-9-11, Ectadon PRWwEi (Plan Only), Planned Ectadon Survey/V0 |  | BOST FARM11N-8B-L, Wellbore #1, Design#1 V0                                    |  | BOST FARM30N-11B-L, Wellbore #1, Design#1 V0          |
|  | WHITE54, Ectadon PRWwEi, No. Survey/V0  |  | BOST FARM20N-8B-L, Wellbore #1, Design#1 V0                                    |  | BOST FARM30C-11-L, Wellbore #1, Design#1 V0           |
|  | TCOOUNTY/CLUBWEST 1-9-11, Ectadon PRWwEi (Plan Only), Planned Ectadon Survey/V0 |  | BOST FARM26N-11C-L, Wellbore #1, Design#1 V0                                   |  | DETENEE1-12, Noble Energy/PWwEi, Actual/3rd Survey/V0 |
|  | TCOMOSERHLL-2-9-11 Ectadon PRWwEi (Plan Only), Planned Ectadon Survey/V0        |  | BOST FARM30N-8B-L, Wellbore #1, Design#1 V0                                    |  | DETENEE1-12, Noble Energy/PWwEi, Actual/3rd Survey/V0 |
|  | TCOOUNTY/CLUBWEST 3-9-11, Ectadon PRWwEi (Plan Only), Planned Ectadon Survey/V0 |  | BOST FARM30N-11A-L, Wellbore #1, Design#1 V0                                   |   |   |