

# **SRC ENERGY**

**WELD COUNTY (NAD83, TRUE NORTH)  
5N-66W-07 BOST FARM 5-7 PAD  
BOST FARM 41C-8-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	17,640.78	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	254.74	254.74	40.05	32.44	5.263	CC
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	17,637.39	17,494.52	392.53	-177.98	0.688	Level 1, ES, SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	254.75	254.74	60.08	52.47	7.895	CC, ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	17,631.36	17,596.34	681.13	61.80	1.100	Level 2, SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	254.75	254.74	80.12	72.51	10.529	CC, ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	17,640.78	17,716.60	899.84	275.12	1.440	Level 3, SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	254.75	254.75	100.15	92.54	13.161	CC, ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	17,633.30	17,580.44	1,135.30	516.27	1.834	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	200.00	203.00	205.92	198.35	27.203	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	7,100.00	7,682.75	1,122.65	1,063.94	19.120	SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	203.00	196.84	189.27	26.004	CC, ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	7,200.00	7,648.65	903.86	846.65	15.798	SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	203.00	184.25	176.68	24.341	CC, ES
BOST FARM 31C-11-L - Wellbore #1 - Design #1	7,400.00	7,520.15	438.20	384.26	8.124	SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	543.30	559.58	180.35	172.35	22.538	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	7,169.93	7,512.51	210.32	153.66	3.711	ES, SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	7,288.23	7,502.97	4.16	-51.24	0.075	Level 1, CC, ES, SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	203.00	216.26	208.69	28.570	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	400.00	396.64	219.82	212.06	28.312	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	205.70	198.13	27.174	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	7,100.00	7,703.01	1,098.52	1,041.03	19.108	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	119.87	112.30	15.837	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	300.00	297.87	120.14	112.49	15.705	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	99.82	92.25	13.188	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	17,640.78	17,521.04	1,141.78	525.88	1.854	SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	200.00	200.00	39.72	32.15	5.248	CC
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	17,640.78	17,327.28	537.34	2.92	1.005	Level 2, ES, SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	200.00	200.00	19.68	12.11	2.600	CC
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	17,640.78	17,457.40	288.19	-214.56	0.573	Level 1, ES, SF

## Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation	Warning
Offset Well - Wellbore - Design			Between Centres (usft)	Between Ellipses (usft)	Factor	
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	262.02	262.00	20.01	12.39	2.627	CC
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	16,100.00	16,002.60	187.11	-257.98	0.420	Level 1, SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	17,640.78	17,541.61	250.27	-319.69	0.439	Level 1, ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	203.00	189.72	182.15	25.064	CC, ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	7,300.00	7,655.00	678.23	622.92	12.261	SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	203.00	181.10	173.54	23.925	CC, ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	7,500.00	7,427.36	239.57	186.02	4.474	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	203.00	184.24	176.67	24.340	CC, ES
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	7,188.92	7,518.27	374.34	317.60	6.597	SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	203.00	196.86	189.29	26.007	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	7,200.00	7,718.03	910.29	854.55	16.331	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	203.00	189.47	181.91	25.031	CC, ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	7,003.87	7,502.73	656.73	598.23	11.227	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	200.00	200.00	79.79	72.22	10.542	CC, ES
BOST FARM 8C-8-L - Wellbore #1 - Design #1	17,640.78	17,684.31	899.86	276.01	1.442	Level 3, SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	200.00	200.00	59.75	52.18	7.894	CC, ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	17,640.78	17,539.92	684.55	69.10	1.112	Level 2, 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	9,112.40	7,147.74	706.56	626.95	8.874	CC, ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	9,200.00	7,148.21	711.97	630.42	8.730	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	9,409.49	7,466.27	689.37	600.97	7.799	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	9,500.00	7,462.15	695.27	604.82	7.687	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	12,194.87	7,161.07	633.92	466.40	3.784	CC
STEPHENS 7-11 - SRC Energy PR Well - Actual VES Su	12,200.00	7,160.87	633.94	466.28	3.781	ES, SF
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,556.48	7,155.60	601.09	479.65	4.950	CC, ES
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,600.00	7,153.81	602.66	480.25	4.923	SF
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su	10,632.48	7,186.30	413.82	291.36	3.379	CC, ES, SF
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su	11,867.86	7,173.57	565.16	407.02	3.574	CC, ES
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su	11,900.00	7,174.39	566.07	407.24	3.564	SF
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su	11,476.21	7,238.69	94.18	-52.94	0.640	Level 1, CC, ES, SF
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	8,058.58	7,158.78	370.83	317.38	6.938	CC, ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	8,100.00	7,162.15	373.12	319.01	6.896	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	2,244.78	2,190.27	461.27	447.29	33.003	CC
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	8,113.43	7,133.01	489.77	435.18	8.971	ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	8,200.00	7,133.94	497.37	441.30	8.871	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	16,243.46	7,215.65	1,012.36	487.40	1.928	CC, ES
MOEN 8-7H6 - SRC Energy SI Well - No Surveys	16,300.00	7,216.80	1,013.94	487.70	1.927	SF
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve						Out of range
MOEN J 8-8 - SRC Energy SI Well - No Surveys	17,503.10	7,237.21	773.96	211.06	1.375	Level 3, CC, ES, SF
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	17,640.78	7,200.00	755.89	539.14	3.487	CC, ES, SF
TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well	17,640.78	7,152.38	627.72	507.17	5.207	CC, ES, SF
TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well	17,640.78	7,160.78	639.32	501.53	4.640	CC, ES, SF
TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well	17,640.78	7,142.00	797.02	559.54	3.356	CC, ES, SF
TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well	17,640.78	7,100.00	1,028.50	742.56	3.597	CC, ES, SF
TC COUNTRY CLUB WEST A2-9-11 - Extraction PR We	17,640.78	7,174.31	611.93	520.12	6.665	CC, ES, SF
TC COUNTRY CLUB WEST C1-9-11 - Extraction PR We	17,640.78	7,300.00	767.15	499.14	2.862	CC, ES, SF
TC COUNTRY CLUB WEST C3-9-11 - Extraction PR We	17,640.78	7,200.00	832.03	546.84	2.917	CC, ES, SF
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						Out of range
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only	17,640.78	7,240.18	967.51	695.89	3.562	CC, ES, SF
WHITE 8-1 - Extraction PR Well - No Surveys	13,820.18	7,228.50	205.13	-248.94	0.452	Level 1, CC, ES, SF
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,840.48	7,391.74	484.33	239.50	1.978	CC, 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	13,591.27	7,189.37	830.41	621.82	3.981	CC
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S	13,600.00	7,189.59	830.46	621.63	3.977	ES, SF
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES	14,844.94	7,206.37	1,004.23	758.70	4.090	CC, ES
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES	14,900.00	7,205.17	1,005.74	758.94	4.075	SF
5N-66W-09 Offsets Incomplete						
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range
5N-66W-18 Offsets Incomplete						
LUNDVALL J 17-30D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-27D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-28D - Noble Energy PR Well - Actual VE						Out of range
5N-67W-01 Offsets Incomplete						
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann						Out of range
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann						Out of range
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range
5N-67W-02 Offsets Incomplete						
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys						Out of range
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys						Out of range
5N-67W-10 Offsets Incomplete						
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P						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	Offset	Distance		Separation	Warning
	Measured	Measured	Between	Between		
Offset Well - Wellbore - Design	Depth	Depth	Centres	Ellipses	Factor	
	(usft)	(usft)	(usft)	(usft)		
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	6,603.72	6,421.81	808.74	557.84	3.223	CC
BORESEN 1 - Noble Energy PR Well - No Surveys	6,700.00	6,517.73	810.01	555.55	3.183	ES
BORESEN 1 - Noble Energy PR Well - No Surveys	6,900.00	6,714.20	820.62	559.11	3.138	SF
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	6,745.94	6,744.25	568.82	523.02	12.418	CC, ES
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	6,900.00	6,899.73	574.21	527.81	12.375	SF
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	6,693.48	6,628.54	853.20	810.88	20.164	CC, ES
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	6,700.00	6,634.97	853.23	810.89	20.152	SF
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata						Out of range
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energ						Out of range
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energ						Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range

<b>Offset Design</b>		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	
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	
254.74	254.74	254.74	254.74	3.32	3.32	84.77	40.07	0.28	40.05	32.44	7.61	5.263	CC
300.00	300.00	299.76	299.76	3.34	3.34	84.43	40.22	-0.13	40.18	32.53	7.65	5.251	
400.00	399.93	399.27	399.21	3.41	3.41	84.71	41.44	-3.36	41.04	33.27	7.77	5.279	
500.00	499.68	498.77	498.46	3.49	3.50	85.24	43.87	-9.83	42.76	34.82	7.94	5.384	
600.00	599.13	598.24	597.38	3.60	3.61	85.94	47.51	-19.51	45.35	37.18	8.17	5.553	
700.00	698.15	697.67	695.85	3.75	3.75	86.77	52.35	-32.40	48.80	40.35	8.45	5.774	
800.00	796.63	797.05	793.73	3.93	3.93	87.63	58.39	-48.47	53.11	44.30	8.81	6.029	
900.00	894.44	896.37	890.90	4.16	4.15	88.49	65.62	-67.69	58.30	49.04	9.26	6.297	
1,000.00	991.67	1,009.42	987.19	4.43	4.46	88.65	74.01	-90.02	64.36	54.51	9.84	6.539	
1,100.00	1,088.87	1,104.65	1,083.54	4.74	4.77	87.39	83.13	-114.27	70.96	60.51	10.45	6.788	
1,200.00	1,186.06	1,204.88	1,179.89	5.08	5.13	86.34	92.24	-138.52	77.59	66.45	11.13	6.969	
1,300.00	1,283.26	1,305.11	1,276.24	5.43	5.51	85.46	101.36	-162.77	84.24	72.38	11.86	7.104	
1,400.00	1,380.45	1,405.34	1,372.59	5.81	5.91	84.71	110.47	-187.02	90.91	78.29	12.62	7.205	
1,500.00	1,477.65	1,505.57	1,468.94	6.19	6.33	84.06	119.59	-211.27	97.59	84.19	13.40	7.281	
1,600.00	1,574.85	1,605.79	1,565.29	6.59	6.76	83.50	128.70	-235.52	104.28	90.07	14.22	7.336	
1,700.00	1,672.04	1,693.98	1,661.63	7.00	7.15	83.00	137.82	-259.77	110.99	95.99	14.99	7.402	
1,800.00	1,769.24	1,806.25	1,757.98	7.23	7.42	82.56	146.93	-284.02	117.70	102.59	15.10	7.793	
1,900.00	1,866.43	1,893.52	1,854.33	7.30	7.49	82.17	156.05	-308.27	124.41	109.19	15.22	8.172	
2,000.00	1,963.63	2,006.71	1,950.68	7.39	7.61	81.81	165.16	-332.52	131.13	115.70	15.43	8.500	
2,100.00	2,060.83	2,106.94	2,047.03	7.52	7.76	81.49	174.28	-356.77	137.86	122.18	15.68	8.791	
2,200.00	2,158.02	2,207.17	2,143.38	7.67	7.93	81.21	183.39	-381.02	144.59	128.59	15.99	9.041	
2,300.00	2,255.22	2,307.40	2,239.73	7.85	8.13	80.94	192.51	-405.27	151.32	134.96	16.35	9.252	
2,400.00	2,352.42	2,407.63	2,336.08	8.05	8.36	80.70	201.62	-429.52	158.05	141.29	16.77	9.426	
2,500.00	2,449.61	2,507.86	2,432.42	8.28	8.62	80.48	210.74	-453.77	164.79	147.57	17.23	9.566	
2,600.00	2,546.81	2,608.09	2,528.77	8.53	8.89	80.28	219.85	-478.02	171.53	153.80	17.73	9.676	
2,700.00	2,644.00	2,708.32	2,625.12	8.79	9.19	80.09	228.97	-502.27	178.27	160.01	18.27	9.760	
2,800.00	2,741.20	2,808.54	2,721.47	9.08	9.50	79.91	238.08	-526.52	185.02	166.18	18.84	9.821	
2,900.00	2,838.40	2,908.77	2,817.82	9.37	9.83	79.75	247.20	-550.77	191.76	172.32	19.44	9.862	

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
3,000.00	2,935.59	2,991.00	2,914.17	9.69	10.12	79.60	256.31	-575.02	198.51	178.49	20.02	9.916	
3,100.00	3,032.79	3,109.23	3,010.52	10.01	10.54	79.46	265.43	-599.27	205.26	184.52	20.74	9.897	
3,200.00	3,129.98	3,209.46	3,106.86	10.35	10.91	79.33	274.54	-623.52	212.01	190.58	21.42	9.897	
3,300.00	3,227.18	3,309.69	3,203.21	10.70	11.29	79.20	283.66	-647.77	218.76	196.63	22.13	9.886	
3,400.00	3,324.38	3,390.08	3,299.56	11.06	11.61	79.09	292.77	-672.02	225.51	202.73	22.78	9.901	
3,500.00	3,421.57	3,489.85	3,395.91	11.42	12.00	78.98	301.89	-696.27	232.26	208.75	23.51	9.878	
3,600.00	3,518.77	3,589.62	3,492.26	11.80	12.41	78.87	311.01	-720.53	239.01	214.75	24.27	9.849	
3,700.00	3,615.96	3,689.39	3,588.61	12.18	12.82	78.78	320.12	-744.78	245.77	220.73	25.03	9.817	
3,800.00	3,713.16	3,789.16	3,684.96	12.57	13.24	78.68	329.24	-769.03	252.52	226.71	25.82	9.782	
3,900.00	3,810.36	3,888.93	3,781.30	12.96	13.67	78.60	338.35	-793.28	259.28	232.67	26.61	9.744	
4,000.00	3,907.55	3,988.71	3,877.65	13.36	14.10	78.51	347.47	-817.53	266.03	238.62	27.41	9.705	
4,100.00	4,004.75	4,088.48	3,974.00	13.76	14.54	78.43	356.58	-841.78	272.79	244.56	28.22	9.665	
4,200.00	4,101.95	4,188.25	4,070.35	14.17	14.98	78.36	365.70	-866.03	279.55	250.50	29.05	9.624	
4,300.00	4,199.14	4,288.02	4,166.70	14.58	15.42	78.29	374.81	-890.28	286.30	256.43	29.88	9.583	
4,400.00	4,296.34	4,387.79	4,263.05	15.00	15.87	78.22	383.93	-914.53	293.06	262.35	30.71	9.542	
4,500.00	4,393.53	4,487.56	4,359.40	15.42	16.33	78.15	393.04	-938.78	299.82	268.26	31.56	9.500	
4,600.00	4,490.73	4,587.33	4,455.75	15.84	16.78	78.09	402.16	-963.03	306.58	274.17	32.41	9.459	
4,700.00	4,587.93	4,687.10	4,552.09	16.27	17.24	78.03	411.27	-987.28	313.33	280.07	33.27	9.419	
4,800.00	4,685.12	4,786.87	4,648.44	16.70	17.70	77.97	420.39	-1,011.53	320.09	285.97	34.13	9.379	
4,900.00	4,782.32	4,886.64	4,744.79	17.13	18.17	77.92	429.50	-1,035.78	326.85	291.86	35.00	9.340	
5,000.00	4,879.51	4,986.41	4,841.14	17.56	18.63	77.86	438.62	-1,060.03	333.61	297.75	35.87	9.301	
5,100.00	4,976.71	5,086.18	4,937.49	18.00	19.10	77.81	447.73	-1,084.28	340.37	303.63	36.74	9.264	
5,200.00	5,073.91	5,185.95	5,033.84	18.44	19.57	77.76	456.85	-1,108.53	347.13	309.51	37.62	9.227	
5,300.00	5,171.10	5,285.73	5,130.19	18.88	20.05	77.72	465.96	-1,132.78	353.89	315.39	38.51	9.190	
5,400.00	5,268.30	5,385.50	5,226.53	19.32	20.52	77.67	475.08	-1,157.03	360.65	321.26	39.39	9.155	
5,500.00	5,365.49	5,485.27	5,322.88	19.76	21.00	77.63	484.19	-1,181.28	367.41	327.13	40.28	9.121	
5,600.00	5,462.69	5,585.04	5,419.23	20.21	21.47	77.59	493.31	-1,205.53	374.17	333.00	41.18	9.087	
5,700.00	5,559.89	5,684.81	5,515.58	20.65	21.95	77.55	502.42	-1,229.78	380.94	338.86	42.07	9.054	
5,800.00	5,657.08	5,784.58	5,611.93	21.10	22.43	77.51	511.54	-1,254.03	387.70	344.73	42.97	9.022	
5,900.00	5,754.28	5,884.35	5,708.28	21.55	22.92	77.47	520.65	-1,278.28	394.46	350.59	43.87	8.991	
6,000.00	5,851.47	5,984.12	5,804.63	22.00	23.40	77.43	529.77	-1,302.53	401.22	356.44	44.78	8.961	
6,100.00	5,948.67	6,083.89	5,900.98	22.45	23.88	77.40	538.88	-1,326.78	407.98	362.30	45.68	8.931	
6,200.00	6,045.87	6,183.66	5,997.32	22.90	24.37	77.36	548.00	-1,351.03	414.74	368.15	46.59	8.902	
6,300.00	6,143.06	6,283.43	6,093.67	23.35	24.85	77.33	557.11	-1,375.28	421.51	374.01	47.50	8.874	
6,400.00	6,240.26	6,383.44	6,190.25	23.81	25.34	77.30	566.25	-1,399.58	428.27	379.86	48.41	8.847	
6,500.00	6,337.46	6,490.40	6,295.32	24.26	25.59	78.51	576.05	-1,416.25	434.12	384.86	49.27	8.812	
6,600.00	6,435.13	6,592.50	6,396.88	24.60	25.72	78.41	585.29	-1,415.48	439.35	389.31	50.04	8.780	
6,700.00	6,534.73	6,690.50	6,493.08	24.75	25.80	-12.84	593.82	-1,399.44	445.65	395.17	50.49	8.827	
6,800.00	6,634.24	6,785.17	6,582.66	24.84	25.87	-76.49	601.57	-1,370.04	452.94	402.19	50.75	8.925	
6,900.00	6,731.20	6,876.98	6,664.46	24.90	25.98	-77.52	608.44	-1,329.13	460.85	409.95	50.90	9.054	
7,000.00	6,823.22	6,966.32	6,737.67	25.00	26.16	-76.07	614.39	-1,278.38	468.98	417.94	51.04	9.188	
7,100.00	6,908.04	7,053.60	6,801.67	25.18	26.46	-74.21	619.39	-1,219.36	476.92	425.64	51.28	9.300	
7,200.00	6,983.56	7,139.14	6,856.05	25.51	26.90	-72.41	623.41	-1,153.52	484.28	432.54	51.74	9.359	
7,300.00	7,047.94	7,223.29	6,900.50	26.05	27.50	-70.83	626.46	-1,082.22	490.69	438.17	52.52	9.342	
7,400.00	7,099.58	7,306.31	6,934.82	26.83	28.27	-69.52	628.52	-1,006.71	495.84	442.15	53.70	9.234	
7,500.00	7,137.21	7,388.48	6,958.88	27.88	29.21	-68.54	629.60	-928.21	499.49	444.18	55.31	9.030	
7,600.00	7,159.91	7,470.05	6,972.61	29.17	30.30	-67.90	629.72	-847.86	501.46	444.11	57.34	8.745	
7,700.00	7,167.34	7,557.77	6,976.77	30.64	31.60	-67.65	628.87	-760.28	501.48	441.61	59.86	8.377	
7,800.00	7,169.37	7,657.76	6,979.00	32.29	33.26	-67.62	627.66	-660.32	500.37	437.39	62.99	7.944	
7,900.00	7,171.40	7,757.75	6,981.23	34.12	35.09	-67.59	626.46	-560.36	499.27	432.85	66.42	7.517	
8,000.00	7,173.43	7,857.75	6,983.45	36.10	37.07	-67.56	625.25	-460.40	498.17	428.05	70.12	7.104	
8,100.00	7,175.46	7,957.74	6,985.68	38.21	39.18	-67.54	624.05	-360.44	497.06	423.01	74.05	6.713	
8,200.00	7,177.48	8,057.73	6,987.91	40.42	41.40	-67.51	622.84	-260.47	495.96	417.79	78.17	6.344	
8,300.00	7,179.51	8,157.73	6,990.14	42.73	43.71	-67.48	621.64	-160.51	494.86	412.40	82.46	6.001	
8,400.00	7,181.54	8,257.72	6,992.37	45.11	46.10	-67.45	620.44	-60.55	493.76	406.87	86.88	5.683	
8,500.00	7,183.57	8,357.72	6,994.59	47.56	48.55	-67.42	619.23	39.41	492.65	401.23	91.42	5.389	
8,600.00	7,185.60	8,457.71	6,996.82	50.06	51.06	-67.40	618.03	139.37	491.55	395.49	96.06	5.117	
8,700.00	7,187.63	8,557.70	6,999.05	52.61	53.61	-67.37	616.82	239.33	490.45	389.66	100.79	4.866	
8,800.00	7,189.66	8,657.70	7,001.28	55.21	56.21	-67.34	615.62	339.29	489.35	383.75	105.59	4.634	
8,900.00	7,191.68	8,757.69	7,003.51	57.84	58.84	-67.31	614.41	439.26	488.24	377.78	110.46	4.420	
9,000.00	7,193.71	8,857.68	7,005.74	60.50	61.50	-67.28	613.21	539.22	487.14	371.76	115.38	4.222	
9,100.00	7,195.74	8,957.68	7,007.96	63.18	64.19	-67.25	612.00	639.18	486.04	365.69	120.35	4.038	
9,200.00	7,197.77	9,057.67	7,010.19	65.89	66.90	-67.22	610.80	739.14	484.94	359.57	125.37	3.868	
9,300.00	7,199.80	9,157.66	7,012.42	68.62	69.64	-67.19	609.59	839.10	483.84	353.42	130.42	3.710	
9,400.00	7,201.83	9,257.66	7,014.65	71.37	72.39	-67.17	608.39	939.06	482.73	347.23	135.50	3.563	
9,500.00	7,203.86	9,357.65	7,016.88	74.14	75.16	-67.14	607.18	1,039.03	481.63	341.02	140.61	3.425	



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
9,600.00	7,205.88	9,457.65	7,019.10	76.92	77.94	-67.11	605.98	1,138.99	480.53	334.78	145.75	3.297	
9,700.00	7,207.91	9,557.64	7,021.33	79.71	80.74	-67.08	604.77	1,238.95	479.43	328.52	150.91	3.177	
9,800.00	7,209.94	9,657.63	7,023.56	82.52	83.54	-67.05	603.57	1,338.91	478.33	322.24	156.09	3.064	
9,900.00	7,211.97	9,757.63	7,025.79	85.33	86.36	-67.02	602.37	1,438.87	477.23	315.94	161.29	2.959	
10,000.00	7,214.00	9,857.62	7,028.02	88.16	89.19	-66.99	601.16	1,538.83	476.13	309.63	166.50	2.860	
10,100.00	7,216.03	9,957.61	7,030.24	90.99	92.03	-66.96	599.96	1,638.79	475.03	303.30	171.73	2.766	
10,200.00	7,218.06	10,057.61	7,032.47	93.84	94.87	-66.93	598.75	1,738.76	473.93	296.95	176.97	2.678	
10,300.00	7,220.09	10,157.60	7,034.70	96.69	97.72	-66.90	597.55	1,838.72	472.83	290.60	182.22	2.595	
10,400.00	7,222.11	10,257.59	7,036.93	99.54	100.58	-66.86	596.34	1,938.68	471.73	284.24	187.49	2.516	
10,500.00	7,224.14	10,357.59	7,039.16	102.41	103.45	-66.83	595.14	2,038.64	470.63	277.87	192.76	2.442	
10,600.00	7,226.17	10,457.58	7,041.38	105.27	106.32	-66.80	593.93	2,138.60	469.53	271.49	198.04	2.371	
10,700.00	7,228.20	10,557.58	7,043.61	108.15	109.19	-66.77	592.73	2,238.56	468.43	265.10	203.33	2.304	
10,800.00	7,230.23	10,657.57	7,045.84	111.02	112.07	-66.74	591.52	2,338.53	467.33	258.70	208.62	2.240	
10,900.00	7,232.26	10,757.56	7,048.07	113.91	114.96	-66.71	590.32	2,438.49	466.23	252.30	213.92	2.179	
11,000.00	7,234.29	10,857.56	7,050.30	116.79	117.85	-66.68	589.11	2,538.45	465.13	245.90	219.23	2.122	
11,100.00	7,236.31	10,957.55	7,052.52	119.68	120.74	-66.65	587.91	2,638.41	464.03	239.49	224.54	2.067	
11,200.00	7,238.34	11,057.54	7,054.75	122.58	123.63	-66.61	586.71	2,738.37	462.93	233.08	229.85	2.014	
11,300.00	7,240.37	11,157.54	7,056.98	125.47	126.53	-66.58	585.50	2,838.33	461.83	226.66	235.17	1.964	
11,400.00	7,242.40	11,257.53	7,059.21	128.37	129.43	-66.55	584.30	2,938.29	460.73	220.24	240.49	1.916	
11,500.00	7,244.43	11,357.52	7,061.44	131.27	132.34	-66.52	583.09	3,038.26	459.63	213.82	245.81	1.870	
11,600.00	7,246.46	11,457.52	7,063.66	134.18	135.25	-66.49	581.89	3,138.22	458.53	207.39	251.14	1.826	
11,700.00	7,248.49	11,557.51	7,065.89	137.09	138.16	-66.45	580.68	3,238.18	457.44	200.97	256.47	1.784	
11,800.00	7,250.51	11,657.51	7,068.12	140.00	141.07	-66.42	579.48	3,338.14	456.34	194.54	261.80	1.743	
11,900.00	7,252.54	11,757.50	7,070.35	142.91	143.98	-66.39	578.27	3,438.10	455.24	188.11	267.13	1.704	
12,000.00	7,254.57	11,857.49	7,072.58	145.82	146.90	-66.35	577.07	3,538.06	454.14	181.68	272.46	1.667	
12,100.00	7,256.60	11,957.49	7,074.80	148.74	149.82	-66.32	575.86	3,638.03	453.04	175.25	277.80	1.631	
12,200.00	7,258.63	12,057.48	7,077.03	151.66	152.74	-66.29	574.66	3,737.99	451.95	168.81	283.13	1.596	
12,300.00	7,260.66	12,157.47	7,079.26	154.58	155.66	-66.25	573.45	3,837.95	450.85	162.38	288.47	1.563	
12,400.00	7,262.69	12,257.47	7,081.49	157.50	158.58	-66.22	572.25	3,937.91	449.75	155.95	293.80	1.531	
12,500.00	7,264.71	12,357.46	7,083.72	160.42	161.51	-66.19	571.04	4,037.87	448.65	149.52	299.14	1.500 Level 3	
12,600.00	7,266.74	12,457.45	7,085.94	163.35	164.44	-66.15	569.84	4,137.83	447.56	143.09	304.47	1.470 Level 3	
12,700.00	7,268.77	12,557.45	7,088.17	166.27	167.36	-66.12	568.64	4,237.80	446.46	136.65	309.81	1.441 Level 3	
12,800.00	7,270.80	12,657.44	7,090.40	169.20	170.29	-66.08	567.43	4,337.76	445.36	130.22	315.14	1.413 Level 3	
12,900.00	7,272.83	12,757.44	7,092.63	172.13	173.22	-66.05	566.23	4,437.72	444.27	123.79	320.47	1.386 Level 3	
13,000.00	7,274.86	12,857.43	7,094.86	175.06	176.16	-66.01	565.02	4,537.68	443.17	117.36	325.81	1.360 Level 3	
13,100.00	7,276.89	12,957.42	7,097.08	177.99	179.09	-65.98	563.82	4,637.64	442.07	110.94	331.14	1.335 Level 3	
13,200.00	7,278.91	13,057.42	7,099.31	180.92	182.02	-65.94	562.61	4,737.60	440.98	104.51	336.47	1.311 Level 3	
13,300.00	7,280.94	13,157.41	7,101.54	183.85	184.96	-65.91	561.41	4,837.56	439.88	98.08	341.80	1.287 Level 3	
13,400.00	7,282.97	13,257.40	7,103.77	186.78	187.89	-65.87	560.20	4,937.53	438.79	91.66	347.13	1.264 Level 3	
13,500.00	7,285.00	13,357.40	7,106.00	189.72	190.83	-65.84	559.00	5,037.49	437.69	85.24	352.45	1.242 Level 2	
13,600.00	7,287.03	13,457.39	7,108.22	192.65	193.77	-65.80	557.79	5,137.45	436.59	78.82	357.78	1.220 Level 2	
13,700.00	7,289.06	13,557.38	7,110.45	195.59	196.71	-65.77	556.59	5,237.41	435.50	72.40	363.10	1.199 Level 2	
13,800.00	7,291.09	13,657.38	7,112.68	198.53	199.65	-65.73	555.38	5,337.37	434.40	65.98	368.42	1.179 Level 2	
13,900.00	7,293.11	13,757.37	7,114.91	201.46	202.59	-65.69	554.18	5,437.33	433.31	59.57	373.74	1.159 Level 2	
14,000.00	7,295.14	13,857.37	7,117.14	204.40	205.53	-65.66	552.98	5,537.30	432.22	53.15	379.06	1.140 Level 2	
14,100.00	7,297.17	13,957.36	7,119.36	207.34	208.47	-65.62	551.77	5,637.26	431.12	46.74	384.38	1.122 Level 2	
14,200.00	7,299.20	14,057.35	7,121.59	210.28	211.41	-65.58	550.57	5,737.22	430.03	40.34	389.69	1.104 Level 2	
14,300.00	7,301.23	14,157.35	7,123.82	213.22	214.35	-65.55	549.36	5,837.18	428.93	33.93	395.00	1.086 Level 2	
14,400.00	7,303.26	14,257.34	7,126.05	216.16	217.30	-65.51	548.16	5,937.14	427.84	27.53	400.31	1.069 Level 2	
14,500.00	7,305.29	14,357.33	7,128.28	219.10	220.24	-65.47	546.95	6,037.10	426.74	21.13	405.62	1.052 Level 2	
14,600.00	7,307.31	14,457.33	7,130.50	222.05	223.19	-65.44	545.75	6,137.06	425.65	14.73	410.92	1.036 Level 2	
14,700.00	7,309.34	14,557.32	7,132.73	224.99	226.13	-65.40	544.54	6,237.03	424.56	8.33	416.23	1.020 Level 2	
14,800.00	7,311.37	14,657.31	7,134.96	227.93	229.08	-65.36	543.34	6,336.99	423.46	1.94	421.52	1.005 Level 2	
14,900.00	7,313.40	14,757.31	7,137.19	230.88	232.02	-65.32	542.13	6,436.95	422.37	-4.45	426.82	0.990 Level 1	
15,000.00	7,315.43	14,857.30	7,139.42	233.82	234.97	-65.28	540.93	6,536.91	421.28	-10.84	432.11	0.975 Level 1	
15,100.00	7,317.46	14,957.30	7,141.64	236.76	237.92	-65.24	539.72	6,636.87	420.19	-17.22	437.41	0.961 Level 1	
15,200.00	7,319.49	15,057.29	7,143.87	239.71	240.86	-65.21	538.52	6,736.83	419.09	-23.60	442.69	0.947 Level 1	
15,300.00	7,321.52	15,157.28	7,146.10	242.66	243.81	-65.17	537.31	6,836.80	418.00	-29.98	447.98	0.933 Level 1	
15,400.00	7,323.54	15,257.28	7,148.33	245.60	246.76	-65.13	536.11	6,936.76	416.91	-36.35	453.26	0.920 Level 1	
15,500.00	7,325.57	15,357.27	7,150.56	248.55	249.71	-65.09	534.91	7,036.72	415.82	-42.72	458.54	0.907 Level 1	
15,600.00	7,327.60	15,457.26	7,152.78	251.49	252.66	-65.05	533.70	7,136.68	414.72	-49.09	463.82	0.894 Level 1	
15,700.00	7,329.63	15,557.26	7,155.01	254.44	255.61	-65.01	532.50	7,236.64	413.63	-55.46	469.09	0.882 Level 1	
15,800.00	7,331.66	15,657.25	7,157.24	257.39	258.56	-64.97	531.29	7,336.60	412.54	-61.82	474.36	0.870 Level 1	
15,900.00	7,333.69	15,757.24	7,159.47	260.34	261.51	-64.93	530.09	7,436.56	411.45	-68.17	479.62	0.858 Level 1	
16,000.00													

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor														
16,200.00	7,339.77	16,057.23	7,166.15	269.18	270.36	-64.81	526.47	7,736.45	408.18	-87.22	495.40	0.824	Level 1													
16,300.00	7,341.80	16,157.22	7,168.38	272.13	273.32	-64.76	525.27	7,836.41	407.09	-93.56	500.65	0.813	Level 1													
16,400.00	7,343.83	16,257.21	7,170.61	275.08	276.27	-64.72	524.06	7,936.37	406.00	-99.90	505.90	0.803	Level 1													
16,500.00	7,345.86	16,357.21	7,172.84	278.03	279.22	-64.68	522.86	8,036.33	404.91	-106.24	511.15	0.792	Level 1													
16,600.00	7,347.89	16,457.20	7,175.06	280.98	282.17	-64.64	521.65	8,136.30	403.82	-112.57	516.39	0.782	Level 1													
16,700.00	7,349.92	16,557.19	7,177.29	283.93	285.13	-64.60	520.45	8,236.26	402.73	-118.89	521.62	0.772	Level 1													
16,800.00	7,351.94	16,657.19	7,179.52	286.88	288.08	-64.56	519.25	8,336.22	401.64	-125.22	526.86	0.762	Level 1													
16,900.00	7,353.97	16,757.18	7,181.75	289.83	291.03	-64.51	518.04	8,436.18	400.55	-131.53	532.09	0.753	Level 1													
17,000.00	7,356.00	16,857.17	7,183.98	292.78	293.99	-64.47	516.84	8,536.14	399.46	-137.85	537.31	0.743	Level 1													
17,100.00	7,358.03	16,957.17	7,186.20	295.74	296.94	-64.43	515.63	8,636.10	398.37	-144.16	542.53	0.734	Level 1													
17,200.00	7,360.06	17,057.16	7,188.43	298.69	299.89	-64.38	514.43	8,736.06	397.29	-150.46	547.75	0.725	Level 1													
17,300.00	7,362.09	17,157.16	7,190.66	301.64	302.85	-64.34	513.22	8,836.03	396.20	-156.76	552.96	0.717	Level 1													
17,400.00	7,364.12	17,257.15	7,192.89	304.59	305.80	-64.30	512.02	8,935.99	395.11	-163.06	558.17	0.708	Level 1													
17,500.00	7,366.14	17,357.14	7,195.12	307.54	308.76	-64.25	510.81	9,035.95	394.02	-169.35	563.37	0.699	Level 1													
17,600.00	7,368.17	17,457.14	7,197.34	310.50	311.71	-64.21	509.61	9,135.91	392.93	-175.64	568.57	0.691	Level 1													
17,637.39	7,368.93	17,494.52	7,198.18	311.60	312.82	-64.19	509.16	9,173.29	392.53	-177.98	570.51	0.688	Level 1, ES, SF													
17,640.78	7,369.00	17,486.62	7,198.00	311.70	312.58	-64.20	509.25	9,165.39	392.65	-177.70	570.35	0.688	Level 1													



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.27	60.11	0.28	60.11				7.895 CC, ES	
100.00	100.00	100.00	100.00	3.28	3.28	0.27	60.11	0.28	60.11	52.58	7.53	7.985		
200.00	200.00	200.00	200.00	3.30	3.30	0.27	60.11	0.28	60.11	52.54	7.57	7.941		
254.75	254.74	254.74	254.74	3.32	3.32	84.51	60.11	0.28	60.08	52.47	7.61	7.895		
300.00	300.00	299.50	299.50	3.34	3.34	84.31	60.31	-0.10	60.27	52.62	7.65	7.876		
400.00	399.93	398.48	398.42	3.41	3.41	84.70	61.98	-3.08	61.59	53.82	7.77	7.923		
500.00	499.68	497.42	497.12	3.49	3.50	85.42	65.30	-9.05	64.23	56.29	7.94	8.089		
600.00	599.13	596.30	595.46	3.60	3.61	86.38	70.27	-17.99	68.22	60.06	8.16	8.359		
700.00	698.15	695.08	693.29	3.75	3.75	87.50	76.89	-29.87	73.54	65.10	8.44	8.712		
800.00	796.63	793.73	790.48	3.93	3.92	88.67	85.12	-44.67	80.23	71.43	8.80	9.121		
900.00	894.44	892.25	886.88	4.16	4.14	89.83	94.97	-62.36	88.27	79.03	9.23	9.559		
1,000.00	991.67	990.59	982.37	4.43	4.40	90.55	106.40	-82.90	97.65	87.89	9.76	10.001		
1,100.00	1,088.87	1,089.31	1,077.45	4.74	4.72	89.77	119.31	-106.10	108.20	97.83	10.37	10.432		
1,200.00	1,186.06	1,188.71	1,173.05	5.08	5.08	88.88	132.56	-129.89	118.97	107.92	11.05	10.770		
1,300.00	1,283.26	1,288.12	1,268.65	5.43	5.47	88.15	145.80	-153.69	129.76	118.00	11.77	11.028		
1,400.00	1,380.45	1,387.52	1,364.25	5.81	5.87	87.52	159.04	-177.48	140.58	128.06	12.52	11.226		
1,500.00	1,477.65	1,486.92	1,459.85	6.19	6.30	86.99	172.29	-201.28	151.40	138.09	13.31	11.375		
1,600.00	1,574.85	1,586.32	1,555.45	6.59	6.74	86.53	185.53	-225.07	162.24	148.12	14.12	11.489		
1,700.00	1,672.04	1,685.73	1,651.05	7.00	7.19	86.12	198.78	-248.87	173.09	158.14	14.95	11.576		
1,800.00	1,769.24	1,785.13	1,746.65	7.23	7.48	85.76	212.02	-272.66	183.95	168.71	15.24	12.074		
1,900.00	1,866.43	1,884.53	1,842.25	7.30	7.58	85.45	225.27	-296.46	194.81	179.59	15.22	12.799		
2,000.00	1,963.63	1,983.94	1,937.85	7.39	7.69	85.16	238.51	-320.25	205.67	190.26	15.41	13.347		
2,100.00	2,060.83	2,083.34	2,033.45	7.52	7.84	84.91	251.75	-344.05	216.55	200.89	15.66	13.829		
2,200.00	2,158.02	2,182.74	2,129.05	7.67	8.01	84.68	265.00	-367.84	227.42	211.45	15.97	14.243		
2,300.00	2,255.22	2,282.15	2,224.65	7.85	8.22	84.47	278.24	-391.63	238.30	221.97	16.33	14.594		
2,400.00	2,352.42	2,381.55	2,320.25	8.05	8.45	84.28	291.49	-415.43	249.18	232.44	16.74	14.885		
2,500.00	2,449.61	2,480.95	2,415.85	8.28	8.71	84.10	304.73	-439.22	260.06	242.86	17.20	15.121		
2,600.00	2,546.81	2,580.35	2,511.45	8.53	9.00	83.94	317.97	-463.02	270.95	253.25	17.70	15.308		
2,700.00	2,644.00	2,679.76	2,607.05	8.79	9.30	83.79	331.22	-486.81	281.84	263.60	18.24	15.451		
2,800.00	2,741.20	2,779.16	2,702.65	9.08	9.62	83.65	344.46	-510.61	292.73	273.91	18.82	15.557		
2,900.00	2,838.40	2,878.56	2,798.25	9.37	9.96	83.52	357.71	-534.40	303.62	284.19	19.42	15.631		
3,000.00	2,935.59	2,977.97	2,893.85	9.69	10.32	83.40	370.95	-558.20	314.51	294.45	20.06	15.677		
3,100.00	3,032.79	3,077.37	2,989.45	10.01	10.69	83.29	384.19	-581.99	325.40	304.68	20.73	15.701		
3,200.00	3,129.98	3,176.77	3,085.05	10.35	11.07	83.19	397.44	-605.79	336.30	314.89	21.41	15.706		
3,300.00	3,227.18	3,276.17	3,180.65	10.70	11.47	83.09	410.68	-629.58	347.20	325.07	22.12	15.695		
3,400.00	3,324.38	3,375.58	3,276.25	11.06	11.87	83.00	423.93	-653.38	358.09	335.24	22.85	15.672		
3,500.00	3,421.57	3,474.98	3,371.85	11.42	12.29	82.91	437.17	-677.17	368.99	345.39	23.60	15.638		
3,600.00	3,518.77	3,574.38	3,467.45	11.80	12.71	82.83	450.41	-700.97	379.89	355.53	24.36	15.597		
3,700.00	3,615.96	3,673.79	3,563.05	12.18	13.14	82.76	463.66	-724.76	390.79	365.65	25.13	15.549		
3,800.00	3,713.16	3,773.19	3,658.65	12.57	13.58	82.68	476.90	-748.56	401.69	375.77	25.92	15.496		
3,900.00	3,810.36	3,872.59	3,754.25	12.96	14.02	82.62	490.15	-772.35	412.59	385.86	26.72	15.439		
4,000.00	3,907.55	3,972.00	3,849.85	13.36	14.47	82.55	503.39	-796.15	423.49	395.95	27.54	15.380		
4,100.00	4,004.75	4,071.40	3,945.45	13.76	14.92	82.49	516.63	-819.94	434.39	406.03	28.36	15.318		
4,200.00	4,101.95	4,170.80	4,041.05	14.17	15.38	82.43	529.88	-843.74	445.29	416.10	29.19	15.256		
4,300.00	4,199.14	4,270.20	4,136.65	14.58	15.84	82.37	543.12	-867.53	456.20	426.17	30.03	15.193		
4,400.00	4,296.34	4,369.61	4,232.25	15.00	16.31	82.32	556.37	-891.33	467.10	436.22	30.87	15.129		
4,500.00	4,393.53	4,469.01	4,327.85	15.42	16.78	82.27	569.61	-915.12	478.00	446.27	31.73	15.066		
4,600.00	4,490.73	4,568.41	4,423.45	15.84	17.25	82.22	582.85	-938.92	488.91	456.32	32.59	15.003		
4,700.00	4,587.93	4,667.82	4,519.05	16.27	17.73	82.17	596.10	-962.71	499.81	466.36	33.45	14.940		
4,800.00	4,685.12	4,767.22	4,614.65	16.70	18.21	82.13	609.34	-986.51	510.71	476.39	34.32	14.879		
4,900.00	4,782.32	4,866.62	4,710.25	17.13	18.69	82.09	622.59	-1,010.30	521.62	486.42	35.20	14.818		
5,000.00	4,879.51	4,966.02	4,805.85	17.56	19.17	82.05	635.83	-1,034.10	532.52	496.44	36.08	14.759		
5,100.00	4,976.71	5,065.43	4,901.45	18.00	19.66	82.01	649.07	-1,057.89	543.43	506.46	36.97	14.700		
5,200.00	5,073.91	5,164.83	4,997.05	18.44	20.15	81.97	662.32	-1,081.69	554.33	516.48	37.86	14.643		
5,300.00	5,171.10	5,264.23	5,092.65	18.88	20.64	81.93	675.56	-1,105.48	565.24	526.49	38.75	14.587		
5,400.00	5,268.30	5,363.64	5,188.25	19.32	21.13	81.90	688.81	-1,129.28	576.15	536.50	39.65	14.532		
5,500.00	5,365.49	5,463.04	5,283.85	19.76	21.62	81.86	702.05	-1,153.07	587.05	546.51	40.54	14.479		
5,600.00	5,462.69	5,562.44	5,379.45	20.21	22.12	81.83	715.30	-1,176.87	597.96	556.51	41.45	14.427		
5,700.00	5,559.89	5,661.85	5,475.05	20.65	22.61	81.80	728.54	-1,200.66	608.86	566.51	42.35	14.376		
5,800.00	5,657.08	5,761.25	5,570.65	21.10	23.11	81.77	741.78	-1,224.46	619.77	576.51	43.26	14.326		
5,900.00	5,754.28	5,860.65	5,666.25	21.55	23.61	81.74	755.03	-1,248.25	630.68	586.51	44.17	14.278		
6,000.00	5,851.47	5,960.05	5,761.85	22.00	24.11	81.71	768.27	-1,272.05	641.58	596.50	45.08	14.231		
6,100.00	5,948.67	6,059.46	5,857.45	22.45	24.61	81.69	781.52	-1,295.84	652.49	606.49	46.00	14.185		
6,200.00	6,045.87	6,158.86	5,953.05	22.90	25.11	81.66	794.76	-1,319.63	663.40	616.48	46.92	14.140		
6,300.00	6,143.06	6,258.26	6,048.65	23.35	25.62	81.63	808.00	-1,343.43	674.31	626.47	47.84	14.096		
6,400.00	6,240.26	6,357.67	6,144.25	23.81	26.12	81.61	821.25	-1,367.22	685.21	636.46	48.76	14.054		

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	6,337.46	6,457.07	6,239.85	24.26	26.63	81.59	834.49	-1,391.02	696.12	646.44	49.68	14.012	
6,600.00	6,435.13	6,557.40	6,337.10	24.60	26.98	78.88	847.96	-1,411.33	707.07	656.70	50.36	14.039	
6,700.00	6,534.73	6,657.86	6,436.37	24.75	27.16	-14.76	861.71	-1,416.73	718.24	667.53	50.71	14.164	
6,800.00	6,634.24	6,758.04	6,534.96	24.84	27.27	-80.64	875.36	-1,406.36	729.43	678.51	50.92	14.324	
6,900.00	6,731.20	6,857.96	6,630.49	24.90	27.34	-83.70	888.59	-1,380.61	740.35	689.25	51.10	14.488	
7,000.00	6,823.22	6,957.68	6,720.68	25.00	27.43	-84.05	901.06	-1,340.20	750.75	699.40	51.35	14.621	
7,100.00	6,908.04	7,057.23	6,803.39	25.18	27.59	-83.76	912.51	-1,286.17	760.35	708.58	51.77	14.688	
7,200.00	6,983.56	7,156.65	6,876.67	25.51	27.86	-83.29	922.64	-1,219.90	768.92	716.44	52.48	14.652	
7,300.00	7,047.94	7,255.96	6,938.79	26.05	28.29	-82.78	931.22	-1,143.02	776.26	722.67	53.59	14.485	
7,400.00	7,099.58	7,355.17	6,988.27	26.83	28.94	-82.33	938.05	-1,057.43	782.17	726.99	55.19	14.173	
7,500.00	7,137.21	7,454.27	7,023.97	27.88	29.82	-81.96	942.98	-965.21	786.52	729.23	57.29	13.728	
7,600.00	7,159.91	7,553.27	7,045.06	29.17	30.94	-81.69	945.87	-868.64	789.20	729.34	59.86	13.185	
7,700.00	7,167.34	7,652.42	7,051.54	30.64	32.27	-81.58	946.75	-769.77	790.16	727.38	62.78	12.586	
7,800.00	7,169.37	7,752.42	7,053.74	32.29	33.81	-81.59	947.03	-669.79	790.51	724.43	66.08	11.963	
7,900.00	7,171.40	7,852.42	7,055.93	34.12	35.53	-81.61	947.31	-569.82	790.85	721.15	69.70	11.346	
8,000.00	7,173.43	7,952.42	7,058.13	36.10	37.42	-81.62	947.59	-469.85	791.20	717.58	73.62	10.747	
8,100.00	7,175.46	8,052.42	7,060.32	38.21	39.45	-81.64	947.87	-369.87	791.55	713.76	77.79	10.176	
8,200.00	7,177.48	8,152.42	7,062.51	40.42	41.61	-81.65	948.15	-269.90	791.89	709.73	82.17	9.638	
8,300.00	7,179.51	8,252.42	7,064.71	42.73	43.86	-81.67	948.43	-169.92	792.24	705.52	86.72	9.135	
8,400.00	7,181.54	8,352.42	7,066.90	45.11	46.20	-81.69	948.71	-69.95	792.58	701.15	91.43	8.669	
8,500.00	7,183.57	8,452.42	7,069.10	47.56	48.61	-81.70	948.99	30.03	792.93	696.66	96.27	8.237	
8,600.00	7,185.60	8,552.42	7,071.29	50.06	51.08	-81.72	949.27	130.00	793.28	692.06	101.21	7.838	
8,700.00	7,187.63	8,652.42	7,073.49	52.61	53.60	-81.73	949.55	229.98	793.62	687.37	106.26	7.469	
8,800.00	7,189.66	8,752.41	7,075.68	55.21	56.17	-81.75	949.83	329.95	793.97	682.59	111.38	7.128	
8,900.00	7,191.68	8,852.41	7,077.87	57.84	58.78	-81.76	950.11	429.93	794.32	677.74	116.58	6.814	
9,000.00	7,193.71	8,952.41	7,080.07	60.50	61.42	-81.78	950.39	529.90	794.66	672.83	121.84	6.522	
9,100.00	7,195.74	9,065.73	7,082.56	63.18	64.45	-81.79	950.66	643.18	794.48	666.97	127.51	6.231	
9,200.00	7,197.77	9,165.72	7,084.76	65.89	67.15	-81.79	948.65	743.14	793.15	660.27	132.88	5.969	
9,300.00	7,199.80	9,265.71	7,086.95	68.62	69.88	-81.79	947.24	843.10	791.82	653.54	138.28	5.726	
9,400.00	7,201.83	9,365.70	7,089.15	71.37	72.62	-81.79	945.83	943.06	790.49	646.77	143.72	5.500	
9,500.00	7,203.86	9,465.69	7,091.35	74.14	75.38	-81.79	944.42	1,043.01	789.16	639.97	149.20	5.289	
9,600.00	7,205.88	9,565.68	7,093.55	76.92	78.16	-81.78	943.00	1,142.97	787.83	633.14	154.70	5.093	
9,700.00	7,207.91	9,665.67	7,095.75	79.71	80.95	-81.78	941.59	1,242.93	786.51	626.28	160.23	4.909	
9,800.00	7,209.94	9,765.66	7,097.95	82.52	83.75	-81.78	940.18	1,342.88	785.18	619.39	165.78	4.736	
9,900.00	7,211.97	9,865.65	7,100.15	85.33	86.56	-81.78	938.77	1,442.84	783.85	612.49	171.36	4.574	
10,000.00	7,214.00	9,965.65	7,102.35	88.16	89.38	-81.78	937.36	1,542.80	782.52	605.57	176.95	4.422	
10,100.00	7,216.03	10,065.64	7,104.55	90.99	92.21	-81.78	935.95	1,642.75	781.19	598.62	182.57	4.279	
10,200.00	7,218.06	10,165.63	7,106.74	93.84	95.05	-81.78	934.54	1,742.71	779.86	591.67	188.20	4.144	
10,300.00	7,220.09	10,265.62	7,108.94	96.69	97.90	-81.77	933.13	1,842.67	778.53	584.69	193.84	4.016	
10,400.00	7,222.11	10,365.61	7,111.14	99.54	100.76	-81.77	931.71	1,942.63	777.20	577.71	199.50	3.896	
10,500.00	7,224.14	10,465.60	7,113.34	102.41	103.62	-81.77	930.30	2,042.58	775.88	570.71	205.17	3.782	
10,600.00	7,226.17	10,565.59	7,115.54	105.27	106.48	-81.77	928.89	2,142.54	774.55	563.70	210.85	3.674	
10,700.00	7,228.20	10,665.58	7,117.74	108.15	109.36	-81.77	927.48	2,242.50	773.22	556.68	216.54	3.571	
10,800.00	7,230.23	10,765.57	7,119.94	111.02	112.23	-81.77	926.07	2,342.45	771.89	549.65	222.24	3.473	
10,900.00	7,232.26	10,865.57	7,122.14	113.91	115.11	-81.77	924.66	2,442.41	770.56	542.62	227.95	3.380	
11,000.00	7,234.29	10,965.56	7,124.34	116.79	118.00	-81.76	923.25	2,542.37	769.23	535.57	233.66	3.292	
11,100.00	7,236.31	11,065.55	7,126.53	119.68	120.89	-81.76	921.83	2,642.32	767.90	528.52	239.39	3.208	
11,200.00	7,238.34	11,165.54	7,128.73	122.58	123.78	-81.76	920.42	2,742.28	766.58	521.46	245.12	3.127	
11,300.00	7,240.37	11,265.53	7,130.93	125.47	126.68	-81.76	919.01	2,842.24	765.25	514.39	250.86	3.051	
11,400.00	7,242.40	11,365.52	7,133.13	128.37	129.58	-81.76	917.60	2,942.20	763.92	507.31	256.60	2.977	
11,500.00	7,244.43	11,465.51	7,135.33	131.27	132.48	-81.76	916.19	3,042.15	762.59	500.23	262.35	2.907	
11,600.00	7,246.46	11,565.50	7,137.53	134.18	135.38	-81.76	914.78	3,142.11	761.26	493.15	268.11	2.839	
11,700.00	7,248.49	11,665.50	7,139.73	137.09	138.29	-81.75	913.37	3,242.07	759.93	486.06	273.87	2.775	
11,800.00	7,250.51	11,765.49	7,141.93	140.00	141.20	-81.75	911.96	3,342.02	758.60	478.97	279.64	2.713	
11,900.00	7,252.54	11,865.48	7,144.13	142.91	144.12	-81.75	910.54	3,441.98	757.28	471.87	285.41	2.653	
12,000.00	7,254.57	11,965.47	7,146.32	145.82	147.03	-81.75	909.13	3,541.94	755.95	464.76	291.18	2.596	
12,100.00	7,256.60	12,065.46	7,148.52	148.74	149.95	-81.75	907.72	3,641.89	754.62	457.66	296.96	2.541	
12,200.00	7,258.63	12,165.45	7,150.72	151.66	152.87	-81.75	906.31	3,741.85	753.29	450.55	302.74	2.488	
12,300.00	7,260.66	12,265.44	7,152.92	154.58	155.79	-81.74	904.90	3,841.81	751.96	443.43	308.53	2.437	
12,400.00	7,262.69	12,365.43	7,155.12	157.50	158.71	-81.74	903.49	3,941.77	750.63	436.32	314.32	2.388	
12,500.00	7,264.71	12,465.42	7,157.32	160.42	161.63	-81.74	902.08	4,041.72	749.30	429.20	320.11	2.341	
12,600.00	7,266.74	12,565.42	7,159.52	163.35	164.56	-81.74	900.66	4,141.68	747.97	422.07	325.90	2.295	
12,700.00	7,268.77	12,665.41	7,161.72	166.27	167.48	-81.74	899.25	4,241.64	746.65	414.95	331.70	2.251	
12,800.00	7,270.80	12,765.40	7,163.92	169.20	170.41	-81.74	897.84	4,341.59	745.32	407.82	337.50	2.208	
12,900.00	7,272.83	12,865.39	7,166.12	172.13	173.34	-81.74	896.43	4,441.55	743.99	400.69	343.30	2.167	
13,000.00	7,274.86	12,965.38	7,168.31	175.06	176.27	-81.73	895.02	4,541.51	742.66	393.55	349.11	2.127	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	7,276.89	13,065.37	7,170.51	177.99	179.20	-81.73	893.61	4,641.47	741.33	386.42	354.91	2.089	
13,200.00	7,278.91	13,165.36	7,172.71	180.92	182.14	-81.73	892.20	4,741.42	740.00	379.28	360.72	2.051	
13,300.00	7,280.94	13,265.35	7,174.91	183.85	185.07	-81.73	890.79	4,841.38	738.67	372.14	366.53	2.015	
13,400.00	7,282.97	13,365.35	7,177.11	186.78	188.01	-81.73	889.37	4,941.34	737.35	365.00	372.35	1.980	
13,500.00	7,285.00	13,465.34	7,179.31	189.72	190.94	-81.73	887.96	5,041.29	736.02	357.85	378.16	1.946	
13,600.00	7,287.03	13,565.33	7,181.51	192.65	193.88	-81.72	886.55	5,141.25	734.69	350.71	383.98	1.913	
13,700.00	7,289.06	13,665.32	7,183.71	195.59	196.82	-81.72	885.14	5,241.21	733.36	343.56	389.80	1.881	
13,800.00	7,291.09	13,765.31	7,185.91	198.53	199.75	-81.72	883.73	5,341.16	732.03	336.41	395.62	1.850	
13,900.00	7,293.11	13,865.30	7,188.10	201.46	202.69	-81.72	882.32	5,441.12	730.70	329.26	401.44	1.820	
14,000.00	7,295.14	13,965.29	7,190.30	204.40	205.63	-81.72	880.91	5,541.08	729.37	322.11	407.26	1.791	
14,100.00	7,297.17	14,065.28	7,192.50	207.34	208.57	-81.72	879.50	5,641.04	728.05	314.96	413.09	1.762	
14,200.00	7,299.20	14,165.27	7,194.70	210.28	211.52	-81.71	878.08	5,740.99	726.72	307.80	418.91	1.735	
14,300.00	7,301.23	14,265.27	7,196.90	213.22	214.46	-81.71	876.67	5,840.95	725.39	300.65	424.74	1.708	
14,400.00	7,303.26	14,365.26	7,199.10	216.16	217.40	-81.71	875.26	5,940.91	724.06	293.49	430.57	1.682	
14,500.00	7,305.29	14,465.25	7,201.30	219.10	220.35	-81.71	873.85	6,040.86	722.73	286.33	436.40	1.656	
14,600.00	7,307.31	14,565.24	7,203.50	222.05	223.29	-81.71	872.44	6,140.82	721.40	279.17	442.23	1.631	
14,700.00	7,309.34	14,665.23	7,205.70	224.99	226.23	-81.71	871.03	6,240.78	720.07	272.01	448.06	1.607	
14,800.00	7,311.37	14,765.22	7,207.89	227.93	229.18	-81.70	869.62	6,340.73	718.74	264.85	453.89	1.584	
14,900.00	7,313.40	14,865.21	7,210.09	230.88	232.13	-81.70	868.20	6,440.69	717.42	257.69	459.73	1.561	
15,000.00	7,315.43	14,965.20	7,212.29	233.82	235.07	-81.70	866.79	6,540.65	716.09	250.53	465.56	1.538	
15,100.00	7,317.46	15,065.20	7,214.49	236.76	238.02	-81.70	865.38	6,640.61	714.76	243.36	471.40	1.516	
15,200.00	7,319.49	15,165.19	7,216.69	239.71	240.97	-81.70	863.97	6,740.56	713.43	236.20	477.23	1.495 Level 3	
15,300.00	7,321.52	15,265.18	7,218.89	242.66	243.91	-81.70	862.56	6,840.52	712.10	229.03	483.07	1.474 Level 3	
15,400.00	7,323.54	15,365.17	7,221.09	245.60	246.86	-81.69	861.15	6,940.48	710.77	221.87	488.91	1.454 Level 3	
15,500.00	7,325.57	15,465.16	7,223.29	248.55	249.81	-81.69	859.74	7,040.43	709.44	214.70	494.75	1.434 Level 3	
15,600.00	7,327.60	15,565.15	7,225.49	251.49	252.76	-81.69	858.33	7,140.39	708.12	207.53	500.58	1.415 Level 3	
15,700.00	7,329.63	15,665.14	7,227.68	254.44	255.71	-81.69	856.91	7,240.35	706.79	200.36	506.43	1.396 Level 3	
15,800.00	7,331.66	15,765.13	7,229.88	257.39	258.66	-81.69	855.50	7,340.31	705.46	193.19	512.27	1.377 Level 3	
15,900.00	7,333.69	15,865.12	7,232.08	260.34	261.61	-81.69	854.09	7,440.26	704.13	186.02	518.11	1.359 Level 3	
16,000.00	7,335.72	15,965.12	7,234.28	263.29	264.56	-81.68	852.68	7,540.22	702.80	178.85	523.95	1.341 Level 3	
16,100.00	7,337.74	16,065.11	7,236.48	266.23	267.51	-81.68	851.27	7,640.18	701.47	171.68	529.79	1.324 Level 3	
16,200.00	7,339.77	16,165.10	7,238.68	269.18	270.46	-81.68	849.86	7,740.13	700.14	164.51	535.64	1.307 Level 3	
16,300.00	7,341.80	16,265.09	7,240.88	272.13	273.41	-81.68	848.45	7,840.09	698.82	157.34	541.48	1.291 Level 3	
16,400.00	7,343.83	16,365.08	7,243.08	275.08	276.36	-81.68	847.04	7,940.05	697.49	150.16	547.32	1.274 Level 3	
16,500.00	7,345.86	16,465.07	7,245.28	278.03	279.32	-81.67	845.62	8,040.00	696.16	142.99	553.17	1.258 Level 3	
16,600.00	7,347.89	16,565.06	7,247.47	280.98	282.27	-81.67	844.21	8,139.96	694.83	135.81	559.02	1.243 Level 2	
16,700.00	7,349.92	16,665.05	7,249.67	283.93	285.22	-81.67	842.80	8,239.92	693.50	128.64	564.86	1.228 Level 2	
16,800.00	7,351.94	16,765.05	7,251.87	286.88	288.18	-81.67	841.39	8,339.88	692.17	121.46	570.71	1.213 Level 2	
16,900.00	7,353.97	16,865.04	7,254.07	289.83	291.13	-81.67	839.98	8,439.83	690.84	114.29	576.56	1.198 Level 2	
17,000.00	7,356.00	16,965.03	7,256.27	292.78	294.08	-81.67	838.57	8,539.79	689.52	107.11	582.40	1.184 Level 2	
17,100.00	7,358.03	17,065.02	7,258.47	295.74	297.04	-81.66	837.16	8,639.75	688.19	99.94	588.25	1.170 Level 2	
17,200.00	7,360.06	17,165.01	7,260.67	298.69	299.99	-81.66	835.74	8,739.70	686.86	92.76	594.10	1.156 Level 2	
17,300.00	7,362.09	17,265.00	7,262.87	301.64	302.94	-81.66	834.33	8,839.66	685.53	85.58	599.95	1.143 Level 2	
17,400.00	7,364.12	17,364.99	7,265.07	304.59	305.90	-81.66	832.92	8,939.62	684.20	78.40	605.80	1.129 Level 2	
17,500.00	7,366.14	17,464.98	7,267.26	307.54	308.85	-81.66	831.51	9,039.57	682.87	71.23	611.65	1.116 Level 2	
17,600.00	7,368.17	17,564.97	7,269.46	310.50	311.81	-81.65	830.10	9,139.53	681.54	64.05	617.50	1.104 Level 2	
17,631.36	7,368.81	17,596.34	7,270.15	311.42	312.74	-81.65	829.66	9,170.88	681.13	61.80	619.33	1.100 Level 2, SF	
17,640.78	7,369.00	17,589.36	7,270.00	311.70	312.53	-81.65	829.76	9,163.91	681.20	61.81	619.39	1.100 Level 2	

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	0.40	80.15	0.56	80.15				
100.00	100.00	100.00	100.00	3.28	3.28	0.40	80.15	0.56	80.15	72.62	7.53	10.648	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	80.15	0.56	80.15	72.58	7.57	10.589	
254.75	254.74	254.74	254.74	3.32	3.32	84.58	80.15	0.56	80.12	72.51	7.61	10.529	CC, ES
300.00	300.00	299.28	299.28	3.34	3.34	84.44	80.37	0.20	80.33	72.68	7.65	10.497	
400.00	399.93	397.83	397.76	3.41	3.41	84.78	82.15	-2.68	81.78	74.01	7.77	10.521	
500.00	499.68	496.32	496.02	3.49	3.50	85.43	85.72	-8.44	84.70	76.76	7.94	10.667	
600.00	599.13	594.73	593.90	3.60	3.61	86.31	91.06	-17.05	89.08	80.92	8.16	10.919	
700.00	698.15	693.03	691.26	3.75	3.74	87.36	98.16	-28.50	94.95	86.52	8.44	11.254	
800.00	796.63	791.17	787.96	3.93	3.92	88.48	107.00	-42.76	102.32	93.53	8.79	11.645	
900.00	894.44	889.14	883.85	4.16	4.13	89.61	117.56	-59.79	111.18	101.96	9.22	12.059	
1,000.00	991.67	986.91	978.81	4.43	4.39	90.46	129.81	-79.55	121.54	111.80	9.74	12.475	
1,100.00	1,088.87	1,084.97	1,073.24	4.74	4.71	90.02	143.73	-102.00	133.26	122.92	10.34	12.885	
1,200.00	1,186.06	1,184.23	1,168.61	5.08	5.06	89.36	158.24	-125.39	145.34	134.33	11.01	13.196	
1,300.00	1,283.26	1,283.48	1,263.97	5.43	5.45	88.80	172.74	-148.79	157.44	145.70	11.73	13.420	
1,400.00	1,380.45	1,382.74	1,359.33	5.81	5.86	88.32	187.25	-172.18	169.54	157.06	12.49	13.579	
1,500.00	1,477.65	1,481.99	1,454.69	6.19	6.29	87.90	201.75	-195.57	181.66	168.39	13.27	13.688	
1,600.00	1,574.85	1,581.25	1,550.05	6.59	6.73	87.54	216.26	-218.97	193.79	179.71	14.08	13.762	
1,700.00	1,672.04	1,680.50	1,645.42	7.00	7.18	87.22	230.76	-242.36	205.93	191.01	14.91	13.809	
1,800.00	1,769.24	1,779.76	1,740.78	7.23	7.48	86.93	245.26	-265.75	218.07	202.86	15.21	14.341	
1,900.00	1,866.43	1,879.01	1,836.14	7.30	7.60	86.68	259.77	-289.15	230.21	215.01	15.20	15.144	
2,000.00	1,963.63	1,978.27	1,931.50	7.39	7.71	86.45	274.27	-312.54	242.36	226.97	15.39	15.748	
2,100.00	2,060.83	2,077.52	2,026.86	7.52	7.85	86.24	288.78	-335.93	254.51	238.87	15.64	16.274	
2,200.00	2,158.02	2,176.77	2,122.23	7.67	8.03	86.05	303.28	-359.33	266.67	250.72	15.95	16.723	
2,300.00	2,255.22	2,276.03	2,217.59	7.85	8.23	85.88	317.79	-382.72	278.83	262.52	16.31	17.099	
2,400.00	2,352.42	2,375.28	2,312.95	8.05	8.47	85.72	332.29	-406.11	290.99	274.27	16.72	17.405	
2,500.00	2,449.61	2,474.54	2,408.31	8.28	8.73	85.57	346.79	-429.50	303.15	285.97	17.18	17.649	
2,600.00	2,546.81	2,573.79	2,503.67	8.53	9.01	85.44	361.30	-452.90	315.31	297.63	17.68	17.836	
2,700.00	2,644.00	2,673.05	2,599.04	8.79	9.32	85.31	375.80	-476.29	327.48	309.26	18.22	17.975	
2,800.00	2,741.20	2,772.30	2,694.40	9.08	9.64	85.20	390.31	-499.68	339.64	320.85	18.79	18.071	
2,900.00	2,838.40	2,871.56	2,789.76	9.37	9.99	85.09	404.81	-523.08	351.81	332.41	19.40	18.132	
3,000.00	2,935.59	2,970.81	2,885.12	9.69	10.34	84.99	419.32	-546.47	363.98	343.94	20.04	18.162	
3,100.00	3,032.79	3,070.07	2,980.48	10.01	10.72	84.90	433.82	-569.86	376.15	355.45	20.70	18.168	
3,200.00	3,129.98	3,169.32	3,075.85	10.35	11.10	84.81	448.33	-593.26	388.32	366.93	21.39	18.152	
3,300.00	3,227.18	3,268.58	3,171.21	10.70	11.50	84.73	462.83	-616.65	400.50	378.39	22.10	18.120	
3,400.00	3,324.38	3,367.83	3,266.57	11.06	11.91	84.65	477.33	-640.04	412.67	389.84	22.83	18.075	
3,500.00	3,421.57	3,467.09	3,361.93	11.42	12.32	84.58	491.84	-663.44	424.84	401.27	23.58	18.019	
3,600.00	3,518.77	3,566.34	3,457.29	11.80	12.75	84.51	506.34	-686.83	437.02	412.68	24.34	17.954	
3,700.00	3,615.96	3,665.60	3,552.66	12.18	13.18	84.44	520.85	-710.22	449.19	424.08	25.12	17.883	
3,800.00	3,713.16	3,764.85	3,648.02	12.57	13.62	84.38	535.35	-733.62	461.37	435.46	25.91	17.808	
3,900.00	3,810.36	3,864.11	3,743.38	12.96	14.07	84.32	549.86	-757.01	473.54	446.83	26.71	17.729	
4,000.00	3,907.55	3,963.36	3,838.74	13.36	14.52	84.27	564.36	-780.40	485.72	458.20	27.52	17.648	
4,100.00	4,004.75	4,062.62	3,934.10	13.76	14.97	84.21	578.86	-803.79	497.90	469.55	28.35	17.565	
4,200.00	4,101.95	4,161.87	4,029.47	14.17	15.43	84.16	593.37	-827.19	510.08	480.90	29.18	17.481	
4,300.00	4,199.14	4,261.13	4,124.83	14.58	15.90	84.11	607.87	-850.58	522.25	492.23	30.02	17.398	
4,400.00	4,296.34	4,360.38	4,220.19	15.00	16.37	84.07	622.38	-873.97	534.43	503.56	30.87	17.314	
4,500.00	4,393.53	4,459.64	4,315.55	15.42	16.84	84.02	636.88	-897.37	546.61	514.89	31.72	17.232	
4,600.00	4,490.73	4,558.89	4,410.91	15.84	17.32	83.98	651.39	-920.76	558.79	526.21	32.58	17.150	
4,700.00	4,587.93	4,658.15	4,506.27	16.27	17.80	83.94	665.89	-944.15	570.97	537.52	33.45	17.070	
4,800.00	4,685.12	4,757.40	4,601.64	16.70	18.28	83.90	680.40	-967.55	583.15	548.82	34.32	16.990	
4,900.00	4,782.32	4,856.65	4,697.00	17.13	18.76	83.87	694.90	-990.94	595.33	560.13	35.20	16.913	
5,000.00	4,879.51	4,955.91	4,792.36	17.56	19.25	83.83	709.40	-1,014.33	607.51	571.42	36.08	16.837	
5,100.00	4,976.71	5,055.16	4,887.72	18.00	19.74	83.80	723.91	-1,037.73	619.68	582.72	36.97	16.763	
5,200.00	5,073.91	5,154.42	4,983.08	18.44	20.23	83.76	738.41	-1,061.12	631.87	594.01	37.86	16.690	
5,300.00	5,171.10	5,253.67	5,078.45	18.88	20.72	83.73	752.92	-1,084.51	644.05	605.29	38.75	16.619	
5,400.00	5,268.30	5,352.93	5,173.81	19.32	21.22	83.70	767.42	-1,107.91	656.23	616.58	39.65	16.550	
5,500.00	5,365.49	5,452.18	5,269.17	19.76	21.72	83.67	781.93	-1,131.30	668.41	627.85	40.55	16.483	
5,600.00	5,462.69	5,551.44	5,364.53	20.21	22.21	83.65	796.43	-1,154.69	680.59	639.13	41.46	16.417	
5,700.00	5,559.89	5,650.69	5,459.89	20.65	22.71	83.62	810.93	-1,178.09	692.77	650.41	42.36	16.353	
5,800.00	5,657.08	5,749.95	5,555.26	21.10	23.21	83.59	825.44	-1,201.48	704.95	661.68	43.27	16.291	
5,900.00	5,754.28	5,849.20	5,650.62	21.55	23.72	83.57	839.94	-1,224.87	717.13	672.95	44.18	16.231	
6,000.00	5,851.47	5,948.46	5,745.98	22.00	24.22	83.54	854.45	-1,248.26	729.31	684.21	45.10	16.172	
6,100.00	5,948.67	6,047.71	5,841.34	22.45	24.72	83.52	868.95	-1,271.66	741.49	695.48	46.01	16.114	
6,200.00	6,045.87	6,146.97	5,936.70	22.90	25.23	83.50	883.46	-1,295.05	753.68	706.74	46.93	16.059	
6,300.00	6,143.06	6,246.22	6,032.07	23.35	25.73	83.47	897.96	-1,318.44	765.86	718.00	47.85	16.004	
6,400.00	6,240.26	6,345.48	6,127.43	23.81	26.24	83.45	912.47	-1,341.84	778.04	729.26	48.78	15.951	

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	6,337.46	6,444.73	6,222.79	24.26	26.75	83.43	926.97	-1,365.23	790.22	740.52	49.70	15.900	
6,600.00	6,435.13	6,543.91	6,318.08	24.60	27.26	80.50	941.46	-1,388.61	802.42	751.93	50.49	15.894	
6,700.00	6,534.73	6,641.88	6,412.40	24.75	27.72	-14.28	955.80	-1,410.83	814.78	763.86	50.92	16.002	
6,800.00	6,634.24	6,741.32	6,510.05	24.84	27.95	-81.51	970.60	-1,421.44	827.46	776.42	51.04	16.211	
6,900.00	6,731.20	6,843.96	6,611.30	24.90	28.08	-85.87	985.87	-1,416.15	840.21	789.11	51.10	16.442	
7,000.00	6,823.22	6,950.09	6,713.71	25.00	28.17	-87.46	1,001.24	-1,393.46	852.66	801.46	51.20	16.653	
7,100.00	6,908.04	7,059.94	6,814.27	25.18	28.26	-88.31	1,016.25	-1,352.23	864.45	812.98	51.47	16.796	
7,200.00	6,983.56	7,173.56	6,909.32	25.51	28.42	-88.85	1,030.34	-1,291.88	875.16	823.12	52.04	16.816	
7,300.00	7,047.94	7,290.79	6,994.68	26.05	28.73	-89.20	1,042.89	-1,212.77	884.41	831.34	53.08	16.663	
7,400.00	7,099.58	7,411.21	7,065.94	26.83	29.28	-89.42	1,053.23	-1,116.47	891.84	837.11	54.73	16.294	
7,500.00	7,137.21	7,534.10	7,118.88	27.88	30.16	-89.53	1,060.75	-1,006.04	897.14	840.05	57.09	15.715	
7,600.00	7,159.91	7,658.47	7,150.14	29.17	31.42	-89.52	1,064.95	-885.94	900.08	839.99	60.09	14.979	
7,700.00	7,167.34	7,775.83	7,158.65	30.64	32.90	-89.45	1,065.73	-769.01	900.66	837.26	63.39	14.207	
7,800.00	7,169.37	7,875.83	7,160.85	32.29	34.39	-89.46	1,065.63	-669.04	900.65	833.95	66.70	13.504	
7,900.00	7,171.40	7,975.83	7,163.05	34.12	36.08	-89.47	1,065.53	-569.06	900.64	830.30	70.34	12.805	
8,000.00	7,173.43	8,075.83	7,165.25	36.10	37.93	-89.48	1,065.42	-469.08	900.63	826.35	74.27	12.126	
8,100.00	7,175.46	8,175.83	7,167.45	38.21	39.94	-89.49	1,065.32	-369.11	900.62	822.16	78.46	11.478	
8,200.00	7,177.48	8,275.83	7,169.64	40.42	42.06	-89.50	1,065.22	-269.13	900.61	817.74	82.87	10.868	
8,300.00	7,179.51	8,375.83	7,171.84	42.73	44.30	-89.51	1,065.12	-169.16	900.60	813.15	87.45	10.298	
8,400.00	7,181.54	8,475.83	7,174.04	45.11	46.62	-89.52	1,065.02	-69.18	900.59	808.40	92.19	9.769	
8,500.00	7,183.57	8,575.83	7,176.24	47.56	49.01	-89.53	1,064.92	30.79	900.58	803.52	97.06	9.279	
8,600.00	7,185.60	8,675.83	7,178.44	50.06	51.47	-89.54	1,064.81	130.77	900.57	798.53	102.04	8.826	
8,700.00	7,187.63	8,775.83	7,180.63	52.61	53.98	-89.55	1,064.71	230.75	900.56	793.44	107.12	8.407	
8,800.00	7,189.66	8,875.83	7,182.83	55.21	56.53	-89.57	1,064.61	330.72	900.55	788.27	112.28	8.020	
8,900.00	7,191.68	8,975.83	7,185.03	57.84	59.13	-89.58	1,064.51	430.70	900.54	783.02	117.52	7.663	
9,000.00	7,193.71	9,075.83	7,187.23	60.50	61.76	-89.59	1,064.41	530.67	900.53	777.72	122.81	7.332	
9,100.00	7,195.74	9,175.83	7,189.43	63.18	64.42	-89.60	1,064.30	630.65	900.52	772.35	128.17	7.026	
9,200.00	7,197.77	9,275.83	7,191.62	65.89	67.10	-89.61	1,064.20	730.62	900.51	766.94	133.57	6.742	
9,300.00	7,199.80	9,375.83	7,193.82	68.62	69.81	-89.62	1,064.10	830.60	900.50	761.49	139.01	6.478	
9,400.00	7,201.83	9,475.83	7,196.02	71.37	72.54	-89.63	1,064.00	930.58	900.49	756.00	144.50	6.232	
9,500.00	7,203.86	9,575.83	7,198.22	74.14	75.29	-89.64	1,063.90	1,030.55	900.49	750.47	150.01	6.003	
9,600.00	7,205.88	9,675.83	7,200.42	76.92	78.05	-89.65	1,063.80	1,130.53	900.48	744.92	155.56	5.789	
9,700.00	7,207.91	9,775.83	7,202.61	79.71	80.83	-89.66	1,063.69	1,230.50	900.47	739.33	161.13	5.588	
9,800.00	7,209.94	9,875.83	7,204.81	82.52	83.62	-89.67	1,063.59	1,330.48	900.46	733.73	166.73	5.401	
9,900.00	7,211.97	9,975.83	7,207.01	85.33	86.43	-89.68	1,063.49	1,430.45	900.45	728.10	172.35	5.225	
10,000.00	7,214.00	10,075.83	7,209.21	88.16	89.24	-89.70	1,063.39	1,530.43	900.44	722.45	177.99	5.059	
10,100.00	7,216.03	10,175.83	7,211.41	90.99	92.06	-89.71	1,063.29	1,630.40	900.43	716.78	183.65	4.903	
10,200.00	7,218.06	10,275.83	7,213.61	93.84	94.89	-89.72	1,063.19	1,730.38	900.42	711.10	189.32	4.756	
10,300.00	7,220.09	10,375.83	7,215.80	96.69	97.73	-89.73	1,063.08	1,830.36	900.41	705.40	195.01	4.617	
10,400.00	7,222.11	10,475.83	7,218.00	99.54	100.58	-89.74	1,062.98	1,930.33	900.40	699.69	200.72	4.486	
10,500.00	7,224.14	10,575.83	7,220.20	102.41	103.43	-89.75	1,062.88	2,030.31	900.40	693.96	206.43	4.362	
10,600.00	7,226.17	10,675.83	7,222.40	105.27	106.29	-89.76	1,062.78	2,130.28	900.39	688.23	212.16	4.244	
10,700.00	7,228.20	10,775.83	7,224.60	108.15	109.16	-89.77	1,062.68	2,230.26	900.38	682.48	217.90	4.132	
10,800.00	7,230.23	10,875.83	7,226.79	111.02	112.03	-89.78	1,062.57	2,330.23	900.37	676.73	223.64	4.026	
10,900.00	7,232.26	10,975.83	7,228.99	113.91	114.90	-89.79	1,062.47	2,430.21	900.36	670.96	229.40	3.925	
11,000.00	7,234.29	11,075.83	7,231.19	116.79	117.78	-89.80	1,062.37	2,530.19	900.35	665.19	235.16	3.829	
11,100.00	7,236.31	11,175.83	7,233.39	119.68	120.66	-89.81	1,062.27	2,630.16	900.34	659.41	240.94	3.737	
11,200.00	7,238.34	11,275.83	7,235.59	122.58	123.55	-89.82	1,062.17	2,730.14	900.33	653.62	246.72	3.649	
11,300.00	7,240.37	11,375.82	7,237.78	125.47	126.44	-89.84	1,062.07	2,830.11	900.33	647.82	252.50	3.566	
11,400.00	7,242.40	11,475.82	7,239.98	128.37	129.33	-89.85	1,061.96	2,930.09	900.32	642.02	258.30	3.486	
11,500.00	7,244.43	11,575.82	7,242.18	131.27	132.23	-89.86	1,061.86	3,030.06	900.31	636.21	264.10	3.409	
11,600.00	7,246.46	11,675.82	7,244.38	134.18	135.13	-89.87	1,061.76	3,130.04	900.30	630.40	269.90	3.336	
11,700.00	7,248.49	11,775.82	7,246.58	137.09	138.03	-89.88	1,061.66	3,230.02	900.29	624.58	275.71	3.265	
11,800.00	7,250.51	11,875.82	7,248.77	140.00	140.94	-89.89	1,061.56	3,329.99	900.28	618.76	281.52	3.198	
11,900.00	7,252.54	11,975.82	7,250.97	142.91	143.85	-89.90	1,061.45	3,429.97	900.27	612.93	287.34	3.133	
12,000.00	7,254.57	12,075.82	7,253.17	145.82	146.75	-89.91	1,061.35	3,529.94	900.27	607.10	293.17	3.071	
12,100.00	7,256.60	12,175.82	7,255.37	148.74	149.67	-89.92	1,061.25	3,629.92	900.26	601.26	298.99	3.011	
12,200.00	7,258.63	12,275.82	7,257.57	151.66	152.58	-89.93	1,061.15	3,729.89	900.25	595.42	304.83	2.953	
12,300.00	7,260.66	12,375.82	7,259.76	154.58	155.50	-89.94	1,061.05	3,829.87	900.24	589.58	310.66	2.898	
12,400.00	7,262.69	12,475.82	7,261.96	157.50	158.41	-89.95	1,060.95	3,929.84	900.23	583.74	316.50	2.844	
12,500.00	7,264.71	12,575.82	7,264.16	160.42	161.33	-89.96	1,060.84	4,029.82	900.22	577.89	322.34	2.793	
12,600.00	7,266.74	12,675.82	7,266.36	163.35	164.25	-89.98	1,060.74	4,129.80	900.22	572.03	328.18	2.743	
12,700.00	7,268.77	12,775.82	7,268.56	166.27	167.17	-89.99	1,060.64	4,229.77	900.21	566.18	334.03	2.695	
12,800.00	7,270.80	12,875.82	7,270.75	169.20	170.10	-90.00	1,060.54	4,329.75	900.20	560.32	339.88	2.649	
12,900.00	7,272.83	12,975.82	7,272.95	172.13	173.02	-90.01	1,060.44	4,429.72	900.19	554.46	345.73	2.604	
13,000.00	7,274.86	13,075.82	7,275.15	175.06	175.95	-90.02	1,060.34	4,529.70	900.18	548.60	351.59	2.560	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,276.89	13,175.82	7,277.35	177.99	178.88	-90.03	1,060.23	4,629.67	900.18	542.73	357.44	2.518	
13,200.00	7,278.91	13,275.82	7,279.55	180.92	181.80	-90.04	1,060.13	4,729.65	900.17	536.87	363.30	2.478	
13,300.00	7,280.94	13,375.82	7,281.75	183.85	184.73	-90.05	1,060.03	4,829.63	900.16	531.00	369.16	2.438	
13,400.00	7,282.97	13,475.82	7,283.94	186.78	187.66	-90.06	1,059.93	4,929.60	900.15	525.13	375.03	2.400	
13,500.00	7,285.00	13,575.82	7,286.14	189.72	190.60	-90.07	1,059.83	5,029.58	900.14	519.25	380.89	2.363	
13,600.00	7,287.03	13,675.82	7,288.34	192.65	193.53	-90.08	1,059.72	5,129.55	900.14	513.38	386.76	2.327	
13,700.00	7,289.06	13,775.82	7,290.54	195.59	196.46	-90.09	1,059.62	5,229.53	900.13	507.50	392.63	2.293	
13,800.00	7,291.09	13,875.82	7,292.74	198.53	199.40	-90.10	1,059.52	5,329.50	900.12	501.62	398.50	2.259	
13,900.00	7,293.11	13,975.82	7,294.93	201.46	202.33	-90.12	1,059.42	5,429.48	900.11	495.74	404.37	2.226	
14,000.00	7,295.14	14,075.82	7,297.13	204.40	205.27	-90.13	1,059.32	5,529.46	900.11	489.86	410.24	2.194	
14,100.00	7,297.17	14,175.82	7,299.33	207.34	208.20	-90.14	1,059.22	5,629.43	900.10	483.98	416.12	2.163	
14,200.00	7,299.20	14,275.82	7,301.53	210.28	211.14	-90.15	1,059.11	5,729.41	900.09	478.10	421.99	2.133	
14,300.00	7,301.23	14,375.82	7,303.73	213.22	214.08	-90.16	1,059.01	5,829.38	900.08	472.21	427.87	2.104	
14,400.00	7,303.26	14,475.82	7,305.92	216.16	217.02	-90.17	1,058.91	5,929.36	900.07	466.32	433.75	2.075	
14,500.00	7,305.29	14,575.82	7,308.12	219.10	219.96	-90.18	1,058.81	6,029.33	900.07	460.44	439.63	2.047	
14,600.00	7,307.31	14,675.82	7,310.32	222.05	222.90	-90.19	1,058.71	6,129.31	900.06	454.55	445.51	2.020	
14,700.00	7,309.34	14,775.82	7,312.52	224.99	225.84	-90.20	1,058.61	6,229.28	900.05	448.66	451.39	1.994	
14,800.00	7,311.37	14,875.82	7,314.72	227.93	228.78	-90.21	1,058.50	6,329.26	900.04	442.77	457.28	1.968	
14,900.00	7,313.40	14,975.82	7,316.91	230.88	231.72	-90.22	1,058.40	6,429.24	900.04	436.88	463.16	1.943	
15,000.00	7,315.43	15,075.82	7,319.11	233.82	234.66	-90.23	1,058.30	6,529.21	900.03	430.98	469.05	1.919	
15,100.00	7,317.46	15,175.82	7,321.31	236.76	237.61	-90.25	1,058.20	6,629.19	900.02	425.09	474.93	1.895	
15,200.00	7,319.49	15,275.82	7,323.51	239.71	240.55	-90.26	1,058.10	6,729.16	900.01	419.19	480.82	1.872	
15,300.00	7,321.52	15,375.82	7,325.71	242.66	243.49	-90.27	1,057.99	6,829.14	900.01	413.30	486.71	1.849	
15,400.00	7,323.54	15,475.82	7,327.90	245.60	246.44	-90.28	1,057.89	6,929.11	900.00	407.40	492.60	1.827	
15,500.00	7,325.57	15,575.82	7,330.10	248.55	249.38	-90.29	1,057.79	7,029.09	899.99	401.51	498.49	1.805	
15,600.00	7,327.60	15,675.82	7,332.30	251.49	252.33	-90.30	1,057.69	7,129.07	899.99	395.61	504.38	1.784	
15,700.00	7,329.63	15,775.82	7,334.50	254.44	255.27	-90.31	1,057.59	7,229.04	899.98	389.71	510.27	1.764	
15,800.00	7,331.66	15,875.82	7,336.70	257.39	258.22	-90.32	1,057.49	7,329.02	899.97	383.81	516.16	1.744	
15,900.00	7,333.69	15,975.82	7,338.89	260.34	261.16	-90.33	1,057.38	7,428.99	899.96	377.91	522.05	1.724	
16,000.00	7,335.72	16,075.82	7,341.09	263.29	264.11	-90.34	1,057.28	7,528.97	899.96	372.01	527.95	1.705	
16,100.00	7,337.74	16,175.82	7,343.29	266.23	267.06	-90.35	1,057.18	7,628.94	899.95	366.11	533.84	1.686	
16,200.00	7,339.77	16,275.82	7,345.49	269.18	270.01	-90.36	1,057.08	7,728.92	899.94	360.21	539.74	1.667	
16,300.00	7,341.80	16,375.82	7,347.69	272.13	272.95	-90.37	1,056.98	7,828.89	899.94	354.30	545.63	1.649	
16,400.00	7,343.83	16,475.82	7,349.89	275.08	275.90	-90.39	1,056.87	7,928.87	899.93	348.40	551.53	1.632	
16,500.00	7,345.86	16,575.82	7,352.08	278.03	278.85	-90.40	1,056.77	8,028.85	899.92	342.50	557.42	1.614	
16,600.00	7,347.89	16,675.82	7,354.28	280.98	281.80	-90.41	1,056.67	8,128.82	899.91	336.59	563.32	1.598	
16,700.00	7,349.92	16,775.82	7,356.48	283.93	284.75	-90.42	1,056.57	8,228.80	899.91	330.69	569.22	1.581	
16,800.00	7,351.94	16,875.82	7,358.68	286.88	287.70	-90.43	1,056.47	8,328.77	899.90	324.79	575.12	1.565	
16,900.00	7,353.97	16,975.82	7,360.88	289.83	290.65	-90.44	1,056.37	8,428.75	899.89	318.88	581.01	1.549	
17,000.00	7,356.00	17,075.82	7,363.07	292.78	293.60	-90.45	1,056.26	8,528.72	899.89	312.97	586.91	1.533	
17,100.00	7,358.03	17,175.82	7,365.27	295.74	296.55	-90.46	1,056.16	8,628.70	899.88	307.07	592.81	1.518	
17,200.00	7,360.06	17,275.82	7,367.47	298.69	299.50	-90.47	1,056.06	8,728.68	899.87	301.16	598.71	1.503	
17,300.00	7,362.09	17,375.82	7,369.67	301.64	302.45	-90.48	1,055.96	8,828.65	899.87	295.25	604.61	1.488 Level 3	
17,400.00	7,364.12	17,475.82	7,371.87	304.59	305.40	-90.49	1,055.86	8,928.63	899.86	289.35	610.51	1.474 Level 3	
17,500.00	7,366.14	17,575.82	7,374.06	307.54	308.35	-90.50	1,055.76	9,028.60	899.85	283.44	616.41	1.460 Level 3	
17,600.00	7,368.17	17,675.82	7,376.26	310.50	311.30	-90.52	1,055.65	9,128.58	899.85	277.53	622.32	1.446 Level 3	
17,640.78	7,369.00	17,716.60	7,377.16	311.70	312.50	-90.52	1,055.61	9,169.35	899.84	275.12	624.72	1.440 Level 3, 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	0.32	100.18	0.56	100.18				
100.00	100.00	100.00	100.00	3.28	3.28	0.32	100.18	0.56	100.18	92.65	7.53	13.309	
200.00	200.00	200.00	200.00	3.30	3.30	0.32	100.18	0.56	100.18	92.61	7.57	13.236	
254.75	254.75	254.75	254.75	3.32	3.32	84.47	100.18	0.56	100.15	92.54	7.61	13.161	CC, ES
300.00	300.00	298.97	298.97	3.34	3.34	84.37	100.43	0.22	100.39	92.74	7.65	13.119	
400.00	399.93	396.90	396.83	3.41	3.41	84.74	102.45	-2.45	102.10	94.32	7.77	13.135	
500.00	499.68	494.75	494.45	3.49	3.49	85.44	106.48	-7.78	105.52	97.58	7.94	13.292	
600.00	599.13	592.48	591.66	3.60	3.60	86.40	112.51	-15.75	110.67	102.51	8.15	13.572	
700.00	698.15	690.05	688.32	3.75	3.74	87.54	120.52	-26.35	117.58	109.15	8.43	13.950	
800.00	796.63	787.40	784.26	3.93	3.91	88.78	130.49	-39.53	126.26	117.48	8.77	14.394	
900.00	894.44	884.50	879.33	4.16	4.12	90.04	142.39	-55.26	136.72	127.52	9.20	14.867	
1,000.00	991.67	981.33	973.41	4.43	4.37	91.11	156.18	-73.49	148.95	139.24	9.71	15.344	
1,100.00	1,088.87	1,077.82	1,066.35	4.74	4.68	91.12	171.82	-94.18	162.84	152.55	10.29	15.824	
1,200.00	1,186.06	1,175.04	1,159.15	5.08	5.04	90.27	189.30	-117.29	178.21	167.26	10.94	16.282	
1,300.00	1,283.26	1,273.77	1,253.22	5.43	5.44	89.42	207.36	-141.16	193.88	182.22	11.67	16.619	
1,400.00	1,380.45	1,372.49	1,347.30	5.81	5.88	88.69	225.42	-165.04	209.59	197.17	12.42	16.869	
1,500.00	1,477.65	1,471.22	1,441.38	6.19	6.33	88.06	243.47	-188.91	225.33	212.12	13.22	17.047	
1,600.00	1,574.85	1,569.94	1,535.46	6.59	6.80	87.52	261.53	-212.79	241.10	227.06	14.04	17.177	
1,700.00	1,672.04	1,668.67	1,629.54	7.00	7.28	87.04	279.59	-236.66	256.88	242.00	14.87	17.269	
1,800.00	1,769.24	1,767.39	1,723.61	7.23	7.63	86.61	297.64	-260.54	272.67	257.48	15.20	17.942	
1,900.00	1,866.43	1,866.12	1,817.69	7.30	7.78	86.24	315.70	-284.41	288.48	273.27	15.22	18.960	
2,000.00	1,963.63	1,964.84	1,911.77	7.39	7.90	85.90	333.75	-308.29	304.31	288.91	15.40	19.760	
2,100.00	2,060.83	2,063.57	2,005.85	7.52	8.06	85.60	351.81	-332.16	320.14	304.49	15.65	20.459	
2,200.00	2,158.02	2,162.30	2,099.93	7.67	8.25	85.32	369.87	-356.04	335.97	320.02	15.95	21.058	
2,300.00	2,255.22	2,261.02	2,194.01	7.85	8.47	85.07	387.92	-379.91	351.82	335.50	16.32	21.561	
2,400.00	2,352.42	2,359.75	2,288.08	8.05	8.73	84.84	405.98	-403.79	367.67	350.94	16.73	21.973	
2,500.00	2,449.61	2,458.47	2,382.16	8.28	9.02	84.63	424.04	-427.66	383.53	366.33	17.20	22.304	
2,600.00	2,546.81	2,557.20	2,476.24	8.53	9.33	84.44	442.09	-451.53	399.39	381.68	17.70	22.561	
2,700.00	2,644.00	2,655.92	2,570.32	8.79	9.66	84.26	460.15	-475.41	415.25	397.00	18.25	22.754	
2,800.00	2,741.20	2,754.65	2,664.40	9.08	10.02	84.09	478.20	-499.28	431.12	412.29	18.83	22.892	
2,900.00	2,838.40	2,853.37	2,758.47	9.37	10.39	83.94	496.26	-523.16	446.99	427.54	19.45	22.983	
3,000.00	2,935.59	2,952.10	2,852.55	9.69	10.78	83.80	514.32	-547.03	462.87	442.77	20.09	23.034	
3,100.00	3,032.79	3,050.82	2,946.63	10.01	11.19	83.66	532.37	-570.91	478.74	457.98	20.77	23.053	
3,200.00	3,129.98	3,149.55	3,040.71	10.35	11.60	83.54	550.43	-594.78	494.62	473.16	21.46	23.044	
3,300.00	3,227.18	3,248.28	3,134.79	10.70	12.04	83.42	568.49	-618.66	510.51	488.32	22.18	23.014	
3,400.00	3,324.38	3,347.00	3,228.87	11.06	12.48	83.31	586.54	-642.53	526.39	503.47	22.92	22.965	
3,500.00	3,421.57	3,445.73	3,322.94	11.42	12.93	83.20	604.60	-666.41	542.28	518.60	23.68	22.903	
3,600.00	3,518.77	3,544.45	3,417.02	11.80	13.39	83.11	622.65	-690.28	558.16	533.71	24.45	22.829	
3,700.00	3,615.96	3,643.18	3,511.10	12.18	13.86	83.01	640.71	-714.16	574.05	548.82	25.24	22.747	
3,800.00	3,713.16	3,741.90	3,605.18	12.57	14.33	82.93	658.77	-738.03	589.94	563.91	26.04	22.659	
3,900.00	3,810.36	3,840.63	3,699.26	12.96	14.82	82.84	676.82	-761.91	605.83	578.99	26.85	22.566	
4,000.00	3,907.55	3,939.35	3,793.33	13.36	15.30	82.77	694.88	-785.78	621.73	594.06	27.67	22.469	
4,100.00	4,004.75	4,038.08	3,887.41	13.76	15.80	82.69	712.94	-809.65	637.62	609.12	28.50	22.370	
4,200.00	4,101.95	4,136.81	3,981.49	14.17	16.30	82.62	730.99	-833.53	653.51	624.17	29.34	22.271	
4,300.00	4,199.14	4,235.53	4,075.57	14.58	16.80	82.55	749.05	-857.40	669.41	639.22	30.19	22.170	
4,400.00	4,296.34	4,334.26	4,169.65	15.00	17.30	82.49	767.10	-881.28	685.31	654.26	31.05	22.070	
4,500.00	4,393.53	4,432.98	4,263.73	15.42	17.81	82.43	785.16	-905.15	701.20	669.29	31.92	21.971	
4,600.00	4,490.73	4,531.71	4,357.80	15.84	18.33	82.37	803.22	-929.03	717.10	684.32	32.79	21.872	
4,700.00	4,587.93	4,630.43	4,451.88	16.27	18.84	82.31	821.27	-952.90	733.00	699.34	33.66	21.775	
4,800.00	4,685.12	4,729.16	4,545.96	16.70	19.36	82.26	839.33	-976.78	748.90	714.36	34.54	21.679	
4,900.00	4,782.32	4,827.88	4,640.04	17.13	19.88	82.20	857.39	-1,000.65	764.80	729.37	35.43	21.585	
5,000.00	4,879.51	4,926.61	4,734.12	17.56	20.41	82.15	875.44	-1,024.53	780.70	744.38	36.32	21.493	
5,100.00	4,976.71	5,025.34	4,828.19	18.00	20.94	82.11	893.50	-1,048.40	796.60	759.38	37.22	21.403	
5,200.00	5,073.91	5,124.06	4,922.27	18.44	21.46	82.06	911.56	-1,072.28	812.50	774.39	38.12	21.315	
5,300.00	5,171.10	5,222.79	5,016.35	18.88	21.99	82.02	929.61	-1,096.15	828.41	789.39	39.02	21.229	
5,400.00	5,268.30	5,321.51	5,110.43	19.32	22.53	81.97	947.67	-1,120.03	844.31	804.38	39.93	21.146	
5,500.00	5,365.49	5,420.24	5,204.51	19.76	23.06	81.93	965.72	-1,143.90	860.21	819.37	40.84	21.064	
5,600.00	5,462.69	5,518.96	5,298.59	20.21	23.60	81.89	983.78	-1,167.77	876.12	834.37	41.75	20.984	
5,700.00	5,559.89	5,617.69	5,392.66	20.65	24.13	81.86	1,001.84	-1,191.65	892.02	849.35	42.67	20.906	
5,800.00	5,657.08	5,716.41	5,486.74	21.10	24.67	81.82	1,019.89	-1,215.52	907.92	864.34	43.59	20.831	
5,900.00	5,754.28	5,815.14	5,580.82	21.55	25.21	81.78	1,037.95	-1,239.40	923.83	879.32	44.51	20.757	
6,000.00	5,851.47	5,913.87	5,674.90	22.00	25.75	81.75	1,056.01	-1,263.27	939.73	894.30	45.43	20.685	
6,100.00	5,948.67	6,012.59	5,768.98	22.45	26.29	81.72	1,074.06	-1,287.15	955.64	909.28	46.36	20.616	
6,200.00	6,045.87	6,111.32	5,863.05	22.90	26.83	81.69	1,092.12	-1,311.02	971.55	924.26	47.28	20.548	
6,300.00	6,143.06	6,210.04	5,957.13	23.35	27.38	81.65	1,110.17	-1,334.90	987.45	939.24	48.21	20.481	
6,400.00	6,240.26	6,308.77	6,051.21	23.81	27.92	81.62	1,128.23	-1,358.77	1,003.36	954.21	49.14	20.417	



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	6,337.46	6,407.49	6,145.29	24.26	28.47	81.60	1,146.29	-1,382.65	1,019.26	969.19	50.08	20.354	
6,600.00	6,435.13	6,506.60	6,239.91	24.60	28.97	78.94	1,164.44	-1,405.81	1,035.25	984.41	50.84	20.362	
6,700.00	6,534.73	6,606.93	6,337.72	24.75	29.22	-14.62	1,183.13	-1,417.25	1,051.51	1,000.31	51.19	20.540	
6,800.00	6,634.24	6,707.97	6,436.78	24.84	29.37	-80.42	1,201.95	-1,412.84	1,067.69	1,016.28	51.41	20.769	
6,900.00	6,731.20	6,809.78	6,534.66	24.90	29.46	-83.40	1,220.44	-1,392.33	1,083.39	1,031.81	51.58	21.003	
7,000.00	6,823.22	6,912.44	6,628.86	25.00	29.55	-83.67	1,238.13	-1,355.85	1,098.23	1,046.40	51.83	21.191	
7,100.00	6,908.04	7,015.96	6,716.79	25.18	29.66	-83.32	1,254.52	-1,303.98	1,111.83	1,059.59	52.25	21.280	
7,200.00	6,983.56	7,120.29	6,795.91	25.51	29.86	-82.79	1,269.15	-1,237.73	1,123.86	1,070.89	52.97	21.216	
7,300.00	7,047.94	7,225.36	6,863.79	26.05	30.20	-82.24	1,281.55	-1,158.66	1,134.01	1,079.88	54.12	20.953	
7,400.00	7,099.58	7,330.98	6,918.25	26.83	30.73	-81.75	1,291.33	-1,068.83	1,142.01	1,086.23	55.79	20.471	
7,500.00	7,137.21	7,436.96	6,957.50	27.88	31.50	-81.35	1,298.16	-970.76	1,147.68	1,089.68	58.00	19.789	
7,600.00	7,159.91	7,543.03	6,980.27	29.17	32.53	-81.08	1,301.83	-867.35	1,150.86	1,090.17	60.69	18.963	
7,700.00	7,167.34	7,647.16	6,986.65	30.64	33.77	-80.97	1,302.37	-763.50	1,151.53	1,087.82	63.72	18.073	
7,800.00	7,169.37	7,747.16	6,988.78	32.29	35.18	-80.97	1,302.12	-663.52	1,151.37	1,084.37	67.00	17.184	
7,900.00	7,171.40	7,847.16	6,990.91	34.12	36.79	-80.98	1,301.88	-563.55	1,151.21	1,080.59	70.61	16.303	
8,000.00	7,173.43	7,947.16	6,993.04	36.10	38.59	-80.98	1,301.64	-463.57	1,151.04	1,076.53	74.52	15.447	
8,100.00	7,175.46	8,047.16	6,995.17	38.21	40.54	-80.98	1,301.39	-363.59	1,150.88	1,072.21	78.67	14.630	
8,200.00	7,177.48	8,147.16	6,997.30	40.42	42.63	-80.99	1,301.15	-263.62	1,150.72	1,067.69	83.02	13.860	
8,300.00	7,179.51	8,247.16	6,999.43	42.73	44.83	-80.99	1,300.91	-163.64	1,150.55	1,062.99	87.56	13.141	
8,400.00	7,181.54	8,347.16	7,001.56	45.11	47.12	-80.99	1,300.66	-63.66	1,150.39	1,058.15	92.24	12.471	
8,500.00	7,183.57	8,447.16	7,003.69	47.56	49.50	-81.00	1,300.42	36.31	1,150.22	1,053.17	97.06	11.851	
8,600.00	7,185.60	8,547.16	7,005.81	50.06	51.94	-81.00	1,300.18	136.29	1,150.06	1,048.08	101.98	11.277	
8,700.00	7,187.63	8,647.16	7,007.94	52.61	54.43	-81.01	1,299.93	236.27	1,149.90	1,042.89	107.00	10.746	
8,800.00	7,189.66	8,747.16	7,010.07	55.21	56.98	-81.01	1,299.69	336.24	1,149.73	1,037.63	112.11	10.256	
8,900.00	7,191.68	8,847.16	7,012.20	57.84	59.56	-81.01	1,299.45	436.22	1,149.57	1,032.29	117.28	9.802	
9,000.00	7,193.71	8,947.16	7,014.33	60.50	62.19	-81.02	1,299.20	536.20	1,149.41	1,026.89	122.52	9.382	
9,100.00	7,195.74	9,047.16	7,016.46	63.18	64.84	-81.02	1,298.96	636.17	1,149.24	1,021.43	127.81	8.992	
9,200.00	7,197.77	9,147.16	7,018.59	65.89	67.52	-81.03	1,298.72	736.15	1,149.08	1,015.93	133.15	8.630	
9,300.00	7,199.80	9,247.16	7,020.72	68.62	70.22	-81.03	1,298.47	836.13	1,148.92	1,010.38	138.53	8.293	
9,400.00	7,201.83	9,347.16	7,022.85	71.37	72.95	-81.03	1,298.23	936.11	1,148.75	1,004.80	143.95	7.980	
9,500.00	7,203.86	9,447.16	7,024.98	74.14	75.69	-81.04	1,297.99	1,036.08	1,148.59	999.18	149.41	7.688	
9,600.00	7,205.88	9,547.15	7,027.11	76.92	78.45	-81.04	1,297.74	1,136.06	1,148.43	993.53	154.89	7.414	
9,700.00	7,207.91	9,647.15	7,029.24	79.71	81.23	-81.04	1,297.50	1,236.04	1,148.26	987.86	160.40	7.159	
9,800.00	7,209.94	9,747.15	7,031.36	82.52	84.01	-81.05	1,297.25	1,336.01	1,148.10	982.16	165.94	6.919	
9,900.00	7,211.97	9,847.15	7,033.49	85.33	86.81	-81.05	1,297.01	1,435.99	1,147.93	976.44	171.50	6.694	
10,000.00	7,214.00	9,947.15	7,035.62	88.16	89.62	-81.06	1,296.77	1,535.97	1,147.77	970.70	177.07	6.482	
10,100.00	7,216.03	10,047.15	7,037.75	90.99	92.45	-81.06	1,296.52	1,635.94	1,147.61	964.94	182.67	6.282	
10,200.00	7,218.06	10,147.15	7,039.88	93.84	95.27	-81.06	1,296.28	1,735.92	1,147.44	959.16	188.28	6.094	
10,300.00	7,220.09	10,247.15	7,042.01	96.69	98.11	-81.07	1,296.04	1,835.90	1,147.28	953.37	193.91	5.917	
10,400.00	7,222.11	10,347.15	7,044.14	99.54	100.96	-81.07	1,295.79	1,935.87	1,147.12	947.57	199.55	5.748	
10,500.00	7,224.14	10,447.15	7,046.27	102.41	103.81	-81.07	1,295.55	2,035.85	1,146.95	941.75	205.21	5.589	
10,600.00	7,226.17	10,547.15	7,048.40	105.27	106.67	-81.08	1,295.31	2,135.83	1,146.79	935.92	210.87	5.438	
10,700.00	7,228.20	10,647.15	7,050.53	108.15	109.53	-81.08	1,295.06	2,235.80	1,146.63	930.08	216.55	5.295	
10,800.00	7,230.23	10,747.15	7,052.66	111.02	112.40	-81.09	1,294.82	2,335.78	1,146.46	924.23	222.23	5.159	
10,900.00	7,232.26	10,847.15	7,054.79	113.91	115.27	-81.09	1,294.58	2,435.76	1,146.30	918.37	227.93	5.029	
11,000.00	7,234.29	10,947.15	7,056.92	116.79	118.15	-81.09	1,294.33	2,535.74	1,146.14	912.50	233.63	4.906	
11,100.00	7,236.31	11,047.15	7,059.04	119.68	121.03	-81.10	1,294.09	2,635.71	1,145.97	906.63	239.35	4.788	
11,200.00	7,238.34	11,147.15	7,061.17	122.58	123.92	-81.10	1,293.85	2,735.69	1,145.81	900.74	245.07	4.676	
11,300.00	7,240.37	11,247.15	7,063.30	125.47	126.81	-81.11	1,293.60	2,835.67	1,145.64	894.85	250.79	4.568	
11,400.00	7,242.40	11,347.15	7,065.43	128.37	129.70	-81.11	1,293.36	2,935.64	1,145.48	888.96	256.52	4.465	
11,500.00	7,244.43	11,447.15	7,067.56	131.27	132.60	-81.11	1,293.12	3,035.62	1,145.32	883.05	262.26	4.367	
11,600.00	7,246.46	11,547.15	7,069.69	134.18	135.50	-81.12	1,292.87	3,135.60	1,145.15	877.15	268.01	4.273	
11,700.00	7,248.49	11,647.15	7,071.82	137.09	138.40	-81.12	1,292.63	3,235.57	1,144.99	871.23	273.76	4.183	
11,800.00	7,250.51	11,747.15	7,073.95	140.00	141.30	-81.12	1,292.39	3,335.55	1,144.83	865.32	279.51	4.096	
11,900.00	7,252.54	11,847.15	7,076.08	142.91	144.21	-81.13	1,292.14	3,435.53	1,144.66	859.39	285.27	4.013	
12,000.00	7,254.57	11,947.15	7,078.21	145.82	147.12	-81.13	1,291.90	3,535.50	1,144.50	853.47	291.03	3.933	
12,100.00	7,256.60	12,047.15	7,080.34	148.74	150.03	-81.14	1,291.66	3,635.48	1,144.34	847.53	296.80	3.856	
12,200.00	7,258.63	12,147.15	7,082.47	151.66	152.94	-81.14	1,291.41	3,735.46	1,144.17	841.60	302.57	3.781	
12,300.00	7,260.66	12,247.15	7,084.59	154.58	155.86	-81.14	1,291.17	3,835.43	1,144.01	835.66	308.35	3.710	
12,400.00	7,262.69	12,347.15	7,086.72	157.50	158.78	-81.15	1,290.93	3,935.41	1,143.85	829.72	314.13	3.641	
12,500.00	7,264.71	12,447.15	7,088.85	160.42	161.69	-81.15	1,290.68	4,035.39	1,143.68	823.77	319.91	3.575	
12,600.00	7,266.74	12,547.15	7,090.98	163.35	164.61	-81.15	1,290.44	4,135.37	1,143.52	817.82	325.70	3.511	
12,700.00	7,268.77	12,647.15	7,093.11	166.27	167.54	-81.16	1,290.20	4,235.34	1,143.36	811.87	331.49	3.449	
12,800.00	7,270.80	12,747.15	7,095.24	169.2									

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,276.89	13,047.15	7,101.63	177.99	179.24	-81.17	1,289.22	4,635.25	1,142.70	788.04	354.67	3.222	
13,200.00	7,278.91	13,147.15	7,103.76	180.92	182.17	-81.18	1,288.98	4,735.23	1,142.54	782.07	360.47	3.170	
13,300.00	7,280.94	13,247.15	7,105.89	183.85	185.09	-81.18	1,288.74	4,835.20	1,142.38	776.10	366.27	3.119	
13,400.00	7,282.97	13,347.15	7,108.02	186.78	188.03	-81.19	1,288.49	4,935.18	1,142.21	770.14	372.08	3.070	
13,500.00	7,285.00	13,447.15	7,110.15	189.72	190.96	-81.19	1,288.25	5,035.16	1,142.05	764.16	377.88	3.022	
13,600.00	7,287.03	13,547.15	7,112.27	192.65	193.89	-81.19	1,288.01	5,135.13	1,141.89	758.19	383.69	2.976	
13,700.00	7,289.06	13,647.15	7,114.40	195.59	196.82	-81.20	1,287.76	5,235.11	1,141.72	752.22	389.51	2.931	
13,800.00	7,291.09	13,747.15	7,116.53	198.53	199.76	-81.20	1,287.52	5,335.09	1,141.56	746.24	395.32	2.888	
13,900.00	7,293.11	13,847.15	7,118.66	201.46	202.69	-81.20	1,287.28	5,435.06	1,141.40	740.26	401.13	2.845	
14,000.00	7,295.14	13,947.15	7,120.79	204.40	205.63	-81.21	1,287.03	5,535.04	1,141.23	734.28	406.95	2.804	
14,100.00	7,297.17	14,047.15	7,122.92	207.34	208.56	-81.21	1,286.79	5,635.02	1,141.07	728.30	412.77	2.764	
14,200.00	7,299.20	14,147.15	7,125.05	210.28	211.50	-81.22	1,286.54	5,735.00	1,140.91	722.32	418.59	2.726	
14,300.00	7,301.23	14,247.15	7,127.18	213.22	214.44	-81.22	1,286.30	5,834.97	1,140.74	716.33	424.41	2.688	
14,400.00	7,303.26	14,347.15	7,129.31	216.16	217.38	-81.22	1,286.06	5,934.95	1,140.58	710.35	430.23	2.651	
14,500.00	7,305.29	14,447.15	7,131.44	219.10	220.32	-81.23	1,285.81	6,034.93	1,140.42	704.36	436.06	2.615	
14,600.00	7,307.31	14,547.15	7,133.57	222.05	223.26	-81.23	1,285.57	6,134.90	1,140.25	698.37	441.88	2.580	
14,700.00	7,309.34	14,647.15	7,135.70	224.99	226.20	-81.24	1,285.33	6,234.88	1,140.09	692.38	447.71	2.546	
14,800.00	7,311.37	14,747.15	7,137.82	227.93	229.14	-81.24	1,285.08	6,334.86	1,139.93	686.39	453.54	2.513	
14,900.00	7,313.40	14,847.15	7,139.95	230.88	232.08	-81.24	1,284.84	6,434.83	1,139.76	680.40	459.37	2.481	
15,000.00	7,315.43	14,947.15	7,142.08	233.82	235.03	-81.25	1,284.60	6,534.81	1,139.60	674.40	465.20	2.450	
15,100.00	7,317.46	15,047.15	7,144.21	236.76	237.97	-81.25	1,284.35	6,634.79	1,139.44	668.41	471.03	2.419	
15,200.00	7,319.49	15,147.15	7,146.34	239.71	240.91	-81.25	1,284.11	6,734.76	1,139.27	662.41	476.86	2.389	
15,300.00	7,321.52	15,247.15	7,148.47	242.66	243.86	-81.26	1,283.87	6,834.74	1,139.11	656.42	482.69	2.360	
15,400.00	7,323.54	15,347.15	7,150.60	245.60	246.80	-81.26	1,283.62	6,934.72	1,138.95	650.42	488.53	2.331	
15,500.00	7,325.57	15,447.15	7,152.73	248.55	249.74	-81.27	1,283.38	7,034.69	1,138.78	644.42	494.36	2.304	
15,600.00	7,327.60	15,547.15	7,154.86	251.49	252.69	-81.27	1,283.14	7,134.67	1,138.62	638.42	500.20	2.276	
15,700.00	7,329.63	15,647.15	7,156.99	254.44	255.64	-81.27	1,282.89	7,234.65	1,138.46	632.42	506.04	2.250	
15,800.00	7,331.66	15,747.14	7,159.12	257.39	258.58	-81.28	1,282.65	7,334.63	1,138.29	626.42	511.87	2.224	
15,900.00	7,333.69	15,847.14	7,161.25	260.34	261.53	-81.28	1,282.41	7,434.60	1,138.13	620.42	517.71	2.198	
16,000.00	7,335.72	15,947.14	7,163.38	263.29	264.48	-81.29	1,282.16	7,534.58	1,137.97	614.41	523.55	2.174	
16,100.00	7,337.74	16,047.14	7,165.50	266.23	267.42	-81.29	1,281.92	7,634.56	1,137.80	608.41	529.39	2.149	
16,200.00	7,339.77	16,147.14	7,167.63	269.18	270.37	-81.29	1,281.68	7,734.53	1,137.64	602.40	535.24	2.125	
16,300.00	7,341.80	16,247.14	7,169.76	272.13	273.32	-81.30	1,281.43	7,834.51	1,137.48	596.40	541.08	2.102	
16,400.00	7,343.83	16,347.14	7,171.89	275.08	276.27	-81.30	1,281.19	7,934.49	1,137.31	590.39	546.92	2.079	
16,500.00	7,345.86	16,447.14	7,174.02	278.03	279.21	-81.30	1,280.95	8,034.46	1,137.15	584.39	552.76	2.057	
16,600.00	7,347.89	16,547.14	7,176.15	280.98	282.16	-81.31	1,280.70	8,134.44	1,136.99	578.38	558.61	2.035	
16,700.00	7,349.92	16,647.14	7,178.28	283.93	285.11	-81.31	1,280.46	8,234.42	1,136.82	572.37	564.45	2.014	
16,800.00	7,351.94	16,747.14	7,180.41	286.88	288.06	-81.32	1,280.22	8,334.39	1,136.66	566.36	570.30	1.993	
16,900.00	7,353.97	16,847.14	7,182.54	289.83	291.01	-81.32	1,279.97	8,434.37	1,136.50	560.35	576.14	1.973	
17,000.00	7,356.00	16,947.14	7,184.67	292.78	293.96	-81.32	1,279.73	8,534.35	1,136.33	554.34	581.99	1.952	
17,100.00	7,358.03	17,047.14	7,186.80	295.74	296.91	-81.33	1,279.49	8,634.32	1,136.17	548.33	587.84	1.933	
17,200.00	7,360.06	17,147.14	7,188.93	298.69	299.86	-81.33	1,279.24	8,734.30	1,136.01	542.32	593.69	1.913	
17,300.00	7,362.09	17,247.14	7,191.05	301.64	302.81	-81.34	1,279.00	8,834.28	1,135.84	536.31	599.53	1.895	
17,400.00	7,364.12	17,347.14	7,193.18	304.59	305.76	-81.34	1,278.76	8,934.26	1,135.68	530.30	605.38	1.876	
17,500.00	7,366.14	17,447.14	7,195.31	307.54	308.72	-81.34	1,278.51	9,034.23	1,135.52	524.28	611.23	1.858	
17,600.00	7,368.17	17,547.14	7,197.44	310.50	311.67	-81.35	1,278.27	9,134.21	1,135.35	518.27	617.08	1.840	
17,633.30	7,368.85	17,580.44	7,198.15	311.48	312.65	-81.35	1,278.19	9,167.50	1,135.30	516.27	619.03	1.834 SF	
17,640.78	7,369.00	17,573.34	7,198.00	311.70	312.44	-81.35	1,278.21	9,160.40	1,135.38	516.36	619.02	1.834	

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)	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	61.35	98.73	180.71	205.92				
100.00	100.00	103.00	97.00	3.28	3.28	61.35	98.73	180.71	205.92	198.39	7.53	27.355	
200.00	200.00	203.00	197.00	3.30	3.30	61.35	98.73	180.71	205.92	198.35	7.57	27.203	CC, ES
200.03	200.03	202.97	197.03	3.30	3.30	61.35	98.73	180.71	205.92	198.35	7.57	27.203	
300.00	300.00	297.11	297.11	3.34	3.34	145.31	99.06	180.51	206.26	198.61	7.65	26.955	
400.00	399.93	397.28	397.22	3.41	3.41	144.89	101.98	178.78	209.02	201.25	7.78	26.878	
500.00	499.68	497.24	496.93	3.49	3.50	144.06	107.90	175.28	214.57	206.62	7.95	26.997	
600.00	599.13	596.83	595.98	3.60	3.61	142.88	116.77	170.03	222.94	214.77	8.17	27.293	
700.00	698.15	695.92	694.12	3.75	3.75	141.42	128.54	163.07	234.21	225.76	8.44	27.739	
800.00	796.63	794.36	791.09	3.93	3.92	139.76	143.11	154.46	248.41	239.63	8.78	28.293	
900.00	894.44	907.68	887.00	4.16	4.16	138.05	160.24	144.32	265.59	256.36	9.22	28.803	
1,000.00	991.67	1,009.69	982.82	4.43	4.41	136.90	177.92	133.87	284.87	275.17	9.70	29.360	
1,100.00	1,088.87	1,088.29	1,078.62	4.74	4.63	135.98	195.60	123.41	304.35	294.18	10.16	29.947	
1,200.00	1,186.06	1,186.26	1,174.42	5.08	4.91	135.17	213.28	112.96	323.89	313.17	10.72	30.224	
1,300.00	1,283.26	1,284.24	1,270.22	5.43	5.21	134.46	230.95	102.50	343.49	332.18	11.31	30.381	
1,400.00	1,380.45	1,382.21	1,366.01	5.81	5.52	133.82	248.63	92.05	363.13	351.21	11.93	30.449	
1,500.00	1,477.65	1,480.19	1,461.81	6.19	5.85	133.25	266.31	81.59	382.81	370.24	12.57	30.449	
1,600.00	1,574.85	1,578.17	1,557.61	6.59	6.19	132.73	283.99	71.14	402.53	389.29	13.24	30.403	
1,700.00	1,672.04	1,676.14	1,653.41	7.00	6.53	132.26	301.66	60.69	422.28	408.35	13.93	30.322	
1,800.00	1,769.24	1,774.12	1,749.21	7.23	6.76	131.84	319.34	50.23	442.05	427.90	14.15	31.239	
1,900.00	1,866.43	1,872.09	1,845.01	7.30	6.86	131.45	337.02	39.78	461.84	447.71	14.12	32.701	
2,000.00	1,963.63	1,970.07	1,940.81	7.39	6.93	131.09	354.70	29.32	481.65	467.38	14.27	33.747	
2,100.00	2,060.83	2,068.04	2,036.61	7.52	7.02	130.76	372.37	18.87	501.47	487.01	14.47	34.660	
2,200.00	2,158.02	2,166.02	2,132.40	7.67	7.14	130.45	390.05	8.41	521.32	506.61	14.71	35.440	
2,300.00	2,255.22	2,263.99	2,228.20	7.85	7.28	130.17	407.73	-2.04	541.17	526.18	14.99	36.093	
2,400.00	2,352.42	2,361.97	2,324.00	8.05	7.44	129.91	425.41	-12.50	561.04	545.72	15.32	36.625	
2,500.00	2,449.61	2,459.95	2,419.80	8.28	7.62	129.66	443.08	-22.95	580.91	565.23	15.68	37.045	
2,600.00	2,546.81	2,557.92	2,515.60	8.53	7.81	129.44	460.76	-33.41	600.80	584.72	16.08	37.365	
2,700.00	2,644.00	2,655.90	2,611.40	8.79	8.03	129.22	478.44	-43.86	620.70	604.19	16.51	37.594	
2,800.00	2,741.20	2,753.87	2,707.20	9.08	8.25	129.02	496.12	-54.31	640.60	623.63	16.97	37.745	
2,900.00	2,838.40	2,851.85	2,803.00	9.37	8.49	128.83	513.79	-64.77	660.51	643.05	17.46	37.827	
3,000.00	2,935.59	2,949.82	2,898.80	9.69	8.75	128.66	531.47	-75.22	680.42	662.45	17.98	37.851	
3,100.00	3,032.79	3,047.80	2,994.59	10.01	9.01	128.49	549.15	-85.68	700.35	681.83	18.51	37.826	
3,200.00	3,129.98	3,145.77	3,090.39	10.35	9.29	128.33	566.83	-96.13	720.27	701.20	19.07	37.761	
3,300.00	3,227.18	3,243.75	3,186.19	10.70	9.57	128.18	584.50	-106.59	740.21	720.55	19.65	37.661	
3,400.00	3,324.38	3,341.73	3,281.99	11.06	9.86	128.04	602.18	-117.04	760.14	739.89	20.25	37.535	
3,500.00	3,421.57	3,439.70	3,377.79	11.42	10.17	127.91	619.86	-127.50	780.09	759.22	20.87	37.387	
3,600.00	3,518.77	3,537.68	3,473.59	11.80	10.47	127.78	637.53	-137.95	800.03	778.54	21.49	37.221	
3,700.00	3,615.96	3,635.65	3,569.39	12.18	10.79	127.66	655.21	-148.41	819.98	797.84	22.14	37.042	
3,800.00	3,713.16	3,733.63	3,665.19	12.57	11.11	127.54	672.89	-158.86	839.93	817.14	22.79	36.854	
3,900.00	3,810.36	3,831.60	3,760.99	12.96	11.44	127.43	690.57	-169.31	859.89	836.43	23.46	36.658	
4,000.00	3,907.55	3,929.58	3,856.78	13.36	11.77	127.33	708.24	-179.77	879.85	855.71	24.13	36.457	
4,100.00	4,004.75	4,027.55	3,952.58	13.76	12.11	127.23	725.92	-190.22	899.81	874.99	24.82	36.254	
4,200.00	4,101.95	4,125.53	4,048.38	14.17	12.45	127.13	743.60	-200.68	919.77	894.26	25.51	36.049	
4,300.00	4,199.14	4,223.51	4,144.18	14.58	12.80	127.04	761.28	-211.13	939.74	913.52	26.22	35.843	
4,400.00	4,296.34	4,321.48	4,239.98	15.00	13.15	126.95	778.95	-221.59	959.71	932.78	26.93	35.639	
4,500.00	4,393.53	4,419.46	4,335.78	15.42	13.50	126.86	796.63	-232.04	979.68	952.03	27.65	35.437	
4,600.00	4,490.73	4,517.43	4,431.58	15.84	13.86	126.78	814.31	-242.50	999.65	971.28	28.37	35.237	
4,700.00	4,587.93	4,615.41	4,527.38	16.27	14.22	126.70	831.99	-252.95	1,019.62	990.52	29.10	35.039	
4,800.00	4,685.12	4,713.38	4,623.18	16.70	14.58	126.63	849.66	-263.41	1,039.60	1,009.76	29.83	34.845	
4,900.00	4,782.32	4,811.36	4,718.97	17.13	14.94	126.56	867.34	-273.86	1,059.58	1,029.00	30.57	34.655	
5,000.00	4,879.51	4,909.33	4,814.77	17.56	15.31	126.49	885.02	-284.31	1,079.55	1,048.24	31.32	34.469	
5,100.00	4,976.71	5,007.31	4,910.57	18.00	15.68	126.42	902.70	-294.77	1,099.54	1,067.47	32.07	34.287	
5,200.00	5,073.91	5,105.29	5,006.37	18.44	16.05	126.36	920.37	-305.22	1,119.52	1,086.70	32.82	34.108	
5,300.00	5,171.10	5,203.26	5,102.17	18.88	16.42	126.29	938.05	-315.68	1,139.50	1,105.92	33.58	33.934	
5,400.00	5,268.30	5,301.24	5,197.97	19.32	16.80	126.23	955.73	-326.13	1,159.49	1,125.15	34.34	33.765	
5,500.00	5,365.49	5,400.79	5,293.77	19.76	17.18	126.17	973.41	-336.59	1,179.47	1,144.36	35.11	33.593	
5,600.00	5,462.69	5,502.81	5,389.57	20.21	17.57	126.12	991.08	-347.04	1,199.46	1,163.57	35.89	33.417	
6,800.00	6,634.24	7,801.02	6,977.19	24.84	37.77	-84.88	1,278.96	-1,410.14	1,178.19	1,119.62	58.57	20.115	
6,900.00	6,731.20	7,774.78	6,977.25	24.90	37.18	-90.38	1,279.11	-1,385.94	1,151.29	1,092.09	59.19	19.450	
7,000.00	6,823.22	7,735.72	6,977.35	25.00	36.31	-91.65	1,279.36	-1,346.88	1,132.97	1,073.75	59.23	19.130	
7,100.00	6,908.04	7,682.75	6,977.49	25.18	35.16	-91.00	1,279.68	-1,293.92	1,122.65	1,063.94	58.72	19.120	SF
7,200.00	6,983.56	7,617.19	6,977.66	25.51	33.78	-89.21	1,280.09	-1,228.36	1,118.93	1,061.10	57.83	19.349	
7,222.92	6,999.37	7,600.55	6,977.70	25.63	33.44	-88.70	1,280.19	-1,211.72	1,118.81	1,061.21	57.60	19.422	
7,300.00	7,047.94	7,540.64	6,977.85	26.05	32.26	-86.86	1,280.56	-1,151.81	1,119.91	1,063.14	56.77	19.727	
7,400.00	7,099.58	7,450.54	6,977.25	26.83	30.58	-84.31	1,280.96	-1,061.72	1,123.48	1,067.81	55.67	20.182	

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				
7,500.00	7,137.21	7,353.86	6,965.41	27.88	28.91	-81.66	1,279.32	-965.87	1,127.38	1,072.65	54.73	20.598					
7,600.00	7,159.91	7,264.08	6,941.76	29.17	27.52	-79.21	1,275.43	-879.44	1,131.05	1,076.88	54.17	20.879					
7,700.00	7,167.34	7,179.81	6,908.90	30.64	26.37	-77.02	1,269.79	-802.11	1,134.27	1,080.32	53.96	21.022					
7,800.00	7,169.37	7,104.41	6,871.21	32.29	25.47	-75.03	1,263.18	-737.18	1,139.11	1,085.02	54.09	21.059					
7,900.00	7,171.40	7,039.71	6,833.05	34.12	24.79	-73.04	1,256.41	-685.41	1,147.64	1,093.11	54.53	21.048					
8,000.00	7,173.43	6,984.66	6,796.66	36.10	24.28	-71.16	1,249.91	-644.64	1,160.83	1,105.67	55.16	21.045					
8,100.00	7,175.46	6,937.90	6,763.13	38.21	23.89	-69.46	1,243.88	-612.63	1,179.35	1,123.44	55.91	21.093					

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	66.44	78.69	180.43	196.84					
100.00	100.00	103.00	97.00	3.28	3.28	66.44	78.69	180.43	196.84	189.31	7.53	26.149		
200.00	200.00	203.00	197.00	3.30	3.30	66.44	78.69	180.43	196.84	189.27	7.57	26.004	CC, ES	
200.04	200.04	202.96	197.04	3.30	3.30	66.44	78.69	180.43	196.84	189.27	7.57	26.004		
300.00	300.00	297.66	297.66	3.34	3.34	150.39	79.01	180.20	197.14	189.49	7.65	25.762		
400.00	399.93	399.01	398.94	3.41	3.41	149.89	81.85	178.19	199.49	191.71	7.78	25.651		
500.00	499.68	500.17	499.85	3.49	3.50	148.89	87.60	174.13	204.20	196.25	7.95	25.692		
600.00	599.13	601.01	600.13	3.60	3.62	147.47	96.22	168.03	211.36	203.19	8.17	25.876		
700.00	698.15	701.41	699.54	3.75	3.76	145.71	107.67	159.94	221.05	212.61	8.44	26.180		
800.00	796.63	801.05	797.68	3.93	3.93	143.73	121.74	150.00	233.39	224.61	8.78	26.579		
900.00	894.44	900.28	894.70	4.16	4.14	142.19	136.42	139.62	248.60	239.42	9.18	27.079		
1,000.00	991.67	1,001.87	991.46	4.43	4.37	141.29	151.07	129.27	265.96	256.33	9.64	27.592		
1,100.00	1,088.87	1,103.48	1,088.21	4.74	4.63	140.58	165.71	118.92	283.49	273.36	10.14	27.964		
1,200.00	1,186.06	1,205.08	1,184.95	5.08	4.91	139.95	180.35	108.57	301.06	290.38	10.68	28.200		
1,300.00	1,283.26	1,306.69	1,281.70	5.43	5.20	139.39	195.00	98.23	318.66	307.41	11.25	28.330		
1,400.00	1,380.45	1,408.29	1,378.45	5.81	5.50	138.88	209.64	87.88	336.28	324.43	11.85	28.381		
1,500.00	1,477.65	1,509.90	1,475.19	6.19	5.82	138.43	224.28	77.53	353.93	341.46	12.47	28.373		
1,600.00	1,574.85	1,588.49	1,571.94	6.59	6.07	138.02	238.92	67.18	371.60	358.55	13.05	28.483		
1,700.00	1,672.04	1,686.89	1,668.69	7.00	6.38	137.65	253.57	56.83	389.28	375.58	13.70	28.419		
1,800.00	1,769.24	1,785.28	1,765.43	7.23	6.58	137.31	268.21	46.48	406.98	393.27	13.71	29.687		
1,900.00	1,866.43	1,883.68	1,862.18	7.30	6.65	137.00	282.85	36.13	424.69	410.86	13.82	30.720		
2,000.00	1,963.63	1,982.07	1,958.92	7.39	6.71	136.71	297.50	25.78	442.41	428.45	13.96	31.686		
2,100.00	2,060.83	2,080.46	2,055.67	7.52	6.80	136.44	312.14	15.44	460.14	446.00	14.14	32.534		
2,200.00	2,158.02	2,178.86	2,152.42	7.67	6.90	136.20	326.78	5.09	477.88	463.52	14.37	33.262		
2,300.00	2,255.22	2,277.25	2,249.16	7.85	7.03	135.97	341.43	-5.26	495.63	481.00	14.63	33.876		
2,400.00	2,352.42	2,375.65	2,345.91	8.05	7.17	135.76	356.07	-15.61	513.39	498.45	14.93	34.380		
2,500.00	2,449.61	2,474.04	2,442.66	8.28	7.33	135.56	370.71	-25.96	531.15	515.88	15.27	34.782		
2,600.00	2,546.81	2,572.43	2,539.40	8.53	7.51	135.38	385.35	-36.31	548.92	533.27	15.64	35.092		
2,700.00	2,644.00	2,670.83	2,636.15	8.79	7.70	135.20	400.00	-46.66	566.69	550.64	16.05	35.319		
2,800.00	2,741.20	2,769.22	2,732.89	9.08	7.90	135.04	414.64	-57.01	584.47	567.99	16.48	35.472		
2,900.00	2,838.40	2,867.62	2,829.64	9.37	8.12	134.89	429.28	-67.36	602.25	585.31	16.94	35.562		
3,000.00	2,935.59	2,966.01	2,926.39	9.69	8.35	134.74	443.93	-77.70	620.04	602.62	17.42	35.596		
3,100.00	3,032.79	3,064.40	3,023.13	10.01	8.59	134.61	458.57	-88.05	637.82	619.90	17.92	35.585		
3,200.00	3,129.98	3,162.80	3,119.88	10.35	8.84	134.48	473.21	-98.40	655.62	637.17	18.45	35.534		
3,300.00	3,227.18	3,261.19	3,216.63	10.70	9.10	134.36	487.86	-108.75	673.41	654.42	19.00	35.450		
3,400.00	3,324.38	3,359.59	3,313.37	11.06	9.36	134.24	502.50	-119.10	691.21	671.65	19.56	35.341		
3,500.00	3,421.57	3,457.98	3,410.12	11.42	9.64	134.13	517.14	-129.45	709.01	688.88	20.14	35.209		
3,600.00	3,518.77	3,556.37	3,506.87	11.80	9.92	134.02	531.78	-139.80	726.82	706.09	20.73	35.060		
3,700.00	3,615.96	3,654.77	3,603.61	12.18	10.21	133.93	546.43	-150.15	744.62	723.29	21.34	34.898		
3,800.00	3,713.16	3,753.16	3,700.36	12.57	10.50	133.83	561.07	-160.49	762.43	740.47	21.96	34.726		
3,900.00	3,810.36	3,851.56	3,797.10	12.96	10.80	133.74	575.71	-170.84	780.24	757.65	22.59	34.546		
4,000.00	3,907.55	3,949.95	3,893.85	13.36	11.11	133.65	590.36	-181.19	798.05	774.83	23.23	34.361		
4,100.00	4,004.75	4,048.34	3,990.60	13.76	11.42	133.57	605.00	-191.54	815.86	791.99	23.88	34.172		
4,200.00	4,101.95	4,146.74	4,087.34	14.17	11.73	133.49	619.64	-201.89	833.68	809.15	24.53	33.982		
4,300.00	4,199.14	4,245.13	4,184.09	14.58	12.05	133.41	634.29	-212.24	851.50	826.30	25.20	33.790		
4,400.00	4,296.34	4,343.53	4,280.84	15.00	12.37	133.34	648.93	-222.59	869.31	843.44	25.87	33.599		
4,500.00	4,393.53	4,441.92	4,377.58	15.42	12.70	133.27	663.57	-232.94	887.13	860.58	26.55	33.409		
4,600.00	4,490.73	4,540.31	4,474.33	15.84	13.02	133.20	678.22	-243.29	904.95	877.71	27.24	33.221		
4,700.00	4,587.93	4,638.71	4,571.08	16.27	13.35	133.14	692.86	-253.63	922.77	894.84	27.93	33.035		
4,800.00	4,685.12	4,737.10	4,667.82	16.70	13.69	133.08	707.50	-263.98	940.60	911.97	28.63	32.852		
4,900.00	4,782.32	4,835.49	4,764.57	17.13	14.02	133.02	722.14	-274.33	958.42	929.09	29.33	32.673		
5,000.00	4,879.51	4,933.89	4,861.31	17.56	14.36	132.96	736.79	-284.68	976.25	946.20	30.04	32.496		
5,100.00	4,976.71	5,032.28	4,958.06	18.00	14.70	132.91	751.43	-295.03	994.07	963.32	30.75	32.324		
5,200.00	5,073.91	5,130.68	5,054.81	18.44	15.04	132.85	766.07	-305.38	1,011.90	980.43	31.47	32.154		
5,300.00	5,171.10	5,229.07	5,151.55	18.88	15.39	132.80	780.72	-315.73	1,029.72	997.53	32.19	31.989		
5,400.00	5,268.30	5,327.46	5,248.30	19.32	15.73	132.75	795.36	-326.08	1,047.55	1,014.64	32.91	31.828		
5,500.00	5,365.49	5,425.86	5,345.05	19.76	16.08	132.70	810.00	-336.42	1,065.38	1,031.74	33.64	31.670		
5,600.00	5,462.69	5,524.25	5,441.79	20.21	16.43	132.65	824.65	-346.77	1,083.21	1,048.84	34.37	31.516		
5,700.00	5,559.89	5,622.65	5,538.54	20.65	16.78	132.61	839.29	-357.12	1,101.04	1,065.94	35.10	31.366		
5,800.00	5,657.08	5,721.04	5,635.28	21.10	17.13	132.57	853.93	-367.47	1,118.87	1,083.03	35.84	31.220		
5,900.00	5,754.28	5,819.43	5,732.03	21.55	17.48	132.52	868.57	-377.82	1,136.70	1,100.13	36.58	31.077		
6,000.00	5,851.47	5,917.83	5,828.78	22.00	17.84	132.48	883.22	-388.17	1,154.53	1,117.22	37.32	30.939		
6,100.00	5,948.67	6,016.22	5,925.52	22.45	18.19	132.44	897.86	-398.52	1,172.37	1,134.31	38.06	30.803		
6,200.00	6,045.87	6,114.62	6,022.27	22.90	18.55	132.40	912.50	-408.87	1,190.20	1,151.40	38.80	30.671		
6,500.00	6,337.46	7,811.58	7,042.15	24.26	36.39	94.14	1,061.90	-1,390.09	1,158.03	1,108.64	49.40	23.444		
6,600.00	6,435.13	7,832.41	7,042.09	24.60	36.88	86.07	1,061.77	-1,410.91	1,098.87	1,046.89	51.98	21.142		

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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
6,700.00	6,534.73	7,839.31	7,042.07	24.75	37.04	-14.99	1,061.73	-1,417.82	1,044.64	990.40	54.24	19.260		
6,800.00	6,634.24	7,830.54	7,042.10	24.84	36.84	-86.27	1,061.78	-1,409.05	997.61	941.55	56.06	17.795		
6,900.00	6,731.20	7,806.31	7,042.17	24.90	36.27	-92.66	1,061.93	-1,384.82	959.65	902.35	57.30	16.749		
7,000.00	6,823.22	7,767.22	7,042.28	25.00	35.38	-94.44	1,062.17	-1,345.73	931.69	873.81	57.88	16.097		
7,100.00	6,908.04	7,714.23	7,042.43	25.18	34.19	-93.97	1,062.49	-1,292.74	913.51	855.71	57.80	15.805		
7,200.00	6,983.56	7,648.65	7,042.62	25.51	32.77	-92.13	1,062.90	-1,227.16	903.86	846.65	57.21	15.798 SF		
7,300.00	7,047.94	7,572.08	7,042.84	26.05	31.18	-89.55	1,063.37	-1,150.59	900.71	844.39	56.31	15.995		
7,318.11	7,058.28	7,557.19	7,042.88	26.19	30.88	-89.05	1,063.46	-1,135.70	900.64	844.49	56.16	16.037		
7,400.00	7,099.58	7,482.25	7,042.27	26.83	29.42	-86.66	1,063.79	-1,060.78	901.59	846.29	55.30	16.304		
7,500.00	7,137.21	7,386.28	7,030.60	27.88	27.68	-83.59	1,062.56	-965.61	903.87	849.47	54.40	16.616		
7,600.00	7,159.91	7,297.07	7,007.19	29.17	26.22	-80.68	1,059.49	-879.66	906.92	853.10	53.82	16.850		
7,700.00	7,167.34	7,213.22	6,974.56	30.64	25.01	-78.00	1,054.97	-802.62	910.45	856.88	53.57	16.995		
7,800.00	7,169.37	7,138.08	6,937.05	32.29	24.07	-75.55	1,049.64	-737.78	916.36	862.72	53.64	17.084		
7,900.00	7,171.40	7,073.50	6,898.97	34.12	23.37	-73.11	1,044.15	-685.95	926.84	872.89	53.95	17.179		
8,000.00	7,173.43	7,018.47	6,862.56	36.10	22.84	-70.80	1,038.85	-645.05	943.01	888.60	54.41	17.332		
8,100.00	7,175.46	6,971.69	6,828.96	38.21	22.44	-68.72	1,033.93	-612.89	965.59	910.66	54.93	17.578		
8,200.00	7,177.48	6,931.82	6,798.55	40.42	22.12	-66.86	1,029.45	-587.51	994.93	939.47	55.45	17.942		
8,300.00	7,179.51	6,900.00	6,773.19	42.73	21.88	-65.34	1,025.71	-568.66	1,031.01	975.06	55.95	18.426		
8,400.00	7,181.54	6,868.33	6,747.06	45.11	21.67	-63.80	1,021.83	-551.19	1,073.57	1,017.22	56.36	19.049		
8,500.00	7,183.57	6,850.00	6,731.56	47.56	21.55	-62.90	1,019.53	-541.70	1,122.25	1,065.49	56.76	19.772		
8,600.00	7,185.60	6,820.67	6,706.21	50.06	21.37	-61.45	1,015.76	-527.45	1,176.36	1,119.38	56.98	20.644		

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	102.91	-41.17	179.59	184.25					
100.00	100.00	103.00	97.00	3.28	3.28	102.91	-41.17	179.59	184.25	176.72	7.53	24.477		
200.00	200.00	203.00	197.00	3.30	3.30	102.91	-41.17	179.59	184.25	176.68	7.57	24.341	CC, ES	
300.00	300.00	299.74	299.74	3.34	3.34	-173.04	-41.30	179.18	184.33	176.68	7.65	24.093		
400.00	399.93	405.56	405.48	3.41	3.41	-172.57	-42.48	175.58	184.74	176.97	7.77	23.784		
500.00	499.68	511.31	510.95	3.49	3.50	-171.62	-44.87	168.27	185.48	177.55	7.92	23.405		
600.00	599.13	613.79	612.87	3.60	3.61	-170.34	-48.17	158.17	187.10	178.97	8.13	23.004		
700.00	698.15	713.60	712.11	3.75	3.75	-169.24	-51.50	147.97	191.94	183.55	8.39	22.866		
800.00	796.63	813.21	811.14	3.93	3.91	-168.38	-54.83	137.80	200.25	191.55	8.70	23.017		
900.00	894.44	912.49	909.85	4.16	4.09	-167.77	-58.15	127.66	212.00	202.95	9.05	23.427		
1,000.00	991.67	1,011.46	1,008.24	4.43	4.29	-167.41	-61.45	117.55	226.31	216.87	9.44	23.983		
1,100.00	1,088.87	1,110.40	1,106.60	4.74	4.50	-167.10	-64.75	107.44	240.78	230.93	9.85	24.447		
1,200.00	1,186.06	1,209.34	1,204.97	5.08	4.72	-166.84	-68.06	97.33	255.25	244.96	10.29	24.805		
1,300.00	1,283.26	1,308.28	1,303.34	5.43	4.95	-166.60	-71.36	87.22	269.74	258.98	10.76	25.075		
1,400.00	1,380.45	1,407.22	1,401.70	5.81	5.20	-166.39	-74.67	77.11	284.22	272.98	11.25	25.275		
1,500.00	1,477.65	1,506.16	1,500.07	6.19	5.45	-166.19	-77.97	67.01	298.71	286.96	11.75	25.418		
1,600.00	1,574.85	1,605.10	1,598.44	6.59	5.71	-166.02	-81.27	56.90	313.20	300.93	12.28	25.515		
1,700.00	1,672.04	1,704.04	1,696.80	7.00	5.97	-165.86	-84.58	46.79	327.70	314.88	12.81	25.576		
1,800.00	1,769.24	1,802.98	1,795.17	7.23	6.11	-165.71	-87.88	36.68	342.19	329.47	12.72	26.908		
1,900.00	1,866.43	1,901.92	1,893.54	7.30	6.13	-165.58	-91.18	26.58	356.69	343.93	12.76	27.946		
2,000.00	1,963.63	2,000.86	1,991.90	7.39	6.18	-165.45	-94.49	16.47	371.19	358.35	12.85	28.897		
2,100.00	2,060.83	2,100.20	2,090.27	7.52	6.24	-165.34	-97.79	6.36	385.69	372.73	12.96	29.755		
2,200.00	2,158.02	2,198.74	2,188.64	7.67	6.31	-165.23	-101.10	-3.75	400.20	387.08	13.11	30.520		
2,300.00	2,255.22	2,297.68	2,287.01	7.85	6.41	-165.13	-104.40	-13.86	414.70	401.40	13.30	31.190		
2,400.00	2,352.42	2,403.38	2,385.37	8.05	6.52	-165.04	-107.70	-23.96	429.21	415.69	13.52	31.752		
2,500.00	2,449.61	2,504.44	2,483.74	8.28	6.64	-164.95	-111.01	-34.07	443.71	429.95	13.77	32.234		
2,600.00	2,546.81	2,605.50	2,582.11	8.53	6.78	-164.87	-114.31	-44.18	458.22	444.18	14.04	32.633		
2,700.00	2,644.00	2,706.56	2,680.47	8.79	6.93	-164.80	-117.61	-54.29	472.73	458.38	14.35	32.954		
2,800.00	2,741.20	2,807.62	2,778.84	9.08	7.10	-164.73	-120.92	-64.39	487.24	472.56	14.67	33.204		
2,900.00	2,838.40	2,908.68	2,877.21	9.37	7.27	-164.66	-124.22	-74.50	501.75	486.72	15.03	33.391		
3,000.00	2,935.59	3,009.74	2,975.57	9.69	7.45	-164.60	-127.53	-84.61	516.26	500.86	15.40	33.521		
3,100.00	3,032.79	3,089.20	3,073.94	10.01	7.61	-164.54	-130.83	-94.72	530.77	515.01	15.76	33.685		
3,200.00	3,129.98	3,188.14	3,172.31	10.35	7.80	-164.48	-134.13	-104.82	545.28	529.12	16.16	33.733		
3,300.00	3,227.18	3,287.08	3,270.67	10.70	8.01	-164.43	-137.44	-114.93	559.79	543.20	16.59	33.744		
3,400.00	3,324.38	3,386.02	3,369.04	11.06	8.22	-164.38	-140.74	-125.04	574.31	557.28	17.03	33.723		
3,500.00	3,421.57	3,484.96	3,467.41	11.42	8.44	-164.33	-144.04	-135.15	588.82	571.33	17.49	33.674		
3,600.00	3,518.77	3,583.90	3,565.78	11.80	8.67	-164.28	-147.35	-145.26	603.33	585.38	17.95	33.603		
3,700.00	3,615.96	3,682.84	3,664.14	12.18	8.90	-164.24	-150.65	-155.36	617.85	599.41	18.44	33.513		
3,800.00	3,713.16	3,781.78	3,762.51	12.57	9.13	-164.19	-153.96	-165.47	632.36	613.43	18.93	33.407		
3,900.00	3,810.36	3,880.72	3,860.88	12.96	9.38	-164.15	-157.26	-175.58	646.87	627.44	19.43	33.289		
4,000.00	3,907.55	3,979.66	3,959.24	13.36	9.62	-164.12	-160.56	-185.69	661.39	641.44	19.95	33.160		
4,100.00	4,004.75	4,078.60	4,057.61	13.76	9.88	-164.08	-163.87	-195.79	675.90	655.44	20.47	33.023		
4,200.00	4,101.95	4,177.54	4,155.98	14.17	10.13	-164.04	-167.17	-205.90	690.42	669.42	21.00	32.880		
4,300.00	4,199.14	4,276.48	4,254.34	14.58	10.39	-164.01	-170.48	-216.01	704.93	683.40	21.54	32.732		
4,400.00	4,296.34	4,375.42	4,352.71	15.00	10.65	-163.98	-173.78	-226.12	719.45	697.37	22.08	32.581		
4,500.00	4,393.53	4,474.36	4,451.08	15.42	10.92	-163.95	-177.08	-236.23	733.97	711.33	22.63	32.428		
4,600.00	4,490.73	4,573.30	4,549.45	15.84	11.19	-163.92	-180.39	-246.33	748.48	725.29	23.19	32.274		
4,700.00	4,587.93	4,672.24	4,647.81	16.27	11.46	-163.89	-183.69	-256.44	763.00	739.24	23.76	32.119		
4,800.00	4,685.12	4,771.18	4,746.18	16.70	11.73	-163.86	-186.99	-266.55	777.52	753.19	24.32	31.964		
4,900.00	4,782.32	4,870.12	4,844.55	17.13	12.01	-163.83	-190.30	-276.66	792.03	767.13	24.90	31.810		
5,000.00	4,879.51	4,969.06	4,942.91	17.56	12.29	-163.81	-193.60	-286.76	806.55	781.07	25.48	31.658		
5,100.00	4,976.71	5,068.00	5,041.28	18.00	12.57	-163.78	-196.91	-296.87	821.07	795.01	26.06	31.506		
5,200.00	5,073.91	5,166.94	5,139.65	18.44	12.85	-163.76	-200.21	-306.98	835.58	808.94	26.65	31.357		
5,300.00	5,171.10	5,265.88	5,238.01	18.88	13.14	-163.74	-203.51	-317.09	850.10	822.86	27.24	31.210		
5,400.00	5,268.30	5,364.82	5,336.38	19.32	13.42	-163.71	-206.82	-327.19	864.62	836.79	27.83	31.066		
5,500.00	5,365.49	5,463.76	5,434.75	19.76	13.71	-163.69	-210.12	-337.30	879.14	850.71	28.43	30.923		
5,600.00	5,462.69	5,562.70	5,533.11	20.21	14.00	-163.67	-213.42	-347.41	893.65	864.62	29.03	30.784		
5,700.00	5,559.89	5,661.64	5,631.48	20.65	14.29	-163.65	-216.73	-357.52	908.17	878.54	29.63	30.647		
5,800.00	5,657.08	5,760.58	5,729.85	21.10	14.58	-163.63	-220.03	-367.63	922.69	892.45	30.24	30.512		
5,900.00	5,754.28	5,859.52	5,828.22	21.55	14.87	-163.61	-223.34	-377.73	937.21	906.36	30.85	30.381		
6,000.00	5,851.47	5,958.46	5,926.58	22.00	15.17	-163.60	-226.64	-387.84	951.72	920.27	31.46	30.252		
6,100.00	5,948.67	6,057.40	6,024.95	22.										



Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
6,600.00	6,435.13	7,869.38	7,155.52	24.60	34.92	-113.34	-272.03	-1,402.75	836.38	797.11	39.27	21.298		
6,700.00	6,534.73	7,876.42	7,155.51	24.75	35.09	166.06	-272.07	-1,409.79	753.30	711.61	41.69	18.068		
6,800.00	6,634.24	7,867.79	7,155.52	24.84	34.88	109.30	-272.03	-1,401.16	674.75	630.40	44.35	15.213		
6,900.00	6,731.20	7,843.69	7,155.56	24.90	34.29	111.00	-271.92	-1,377.06	604.15	556.99	47.16	12.811		
7,000.00	6,823.22	7,804.72	7,155.62	25.00	33.35	111.73	-271.74	-1,338.09	544.62	494.76	49.87	10.922		
7,100.00	6,908.04	7,751.85	7,155.70	25.18	32.10	110.22	-271.49	-1,285.22	498.50	446.35	52.15	9.559		
7,200.00	6,983.56	7,686.37	7,155.80	25.51	30.58	106.81	-271.19	-1,219.74	466.54	412.92	53.62	8.701		
7,300.00	7,047.94	7,609.89	7,155.92	26.05	28.88	102.15	-270.84	-1,143.26	447.51	393.33	54.17	8.261		
7,400.00	7,099.58	7,520.15	7,155.03	26.83	26.99	96.79	-270.40	-1,053.54	438.20	384.26	53.94	8.124 SF		
7,500.00	7,137.21	7,426.01	7,142.93	27.88	25.12	90.94	-269.57	-960.27	434.35	380.95	53.40	8.133		
7,532.04	7,146.14	7,397.31	7,136.51	28.29	24.58	89.09	-269.22	-932.30	434.12	380.87	53.25	8.152		
7,600.00	7,159.91	7,338.39	7,119.43	29.17	23.54	85.26	-268.40	-875.94	435.13	382.26	52.88	8.229		
7,700.00	7,167.34	7,255.88	7,086.92	30.64	22.21	79.92	-266.97	-800.19	440.00	387.57	52.42	8.393		
7,800.00	7,169.37	7,181.81	7,049.61	32.29	21.19	74.99	-265.44	-736.26	450.89	398.86	52.03	8.667		
7,900.00	7,171.40	7,118.00	7,011.71	34.12	20.42	70.21	-263.95	-684.99	470.82	419.27	51.54	9.134		
8,000.00	7,173.43	7,063.51	6,975.41	36.10	19.84	65.88	-262.56	-644.39	501.04	450.12	50.92	9.839		
8,100.00	7,175.46	7,017.07	6,941.84	38.21	19.41	62.10	-261.30	-612.34	541.60	491.40	50.20	10.789		
8,200.00	7,177.48	6,977.42	6,911.39	40.42	19.07	58.88	-260.17	-586.99	591.63	542.20	49.44	11.967		
8,300.00	7,179.51	6,950.00	6,889.43	42.73	18.85	56.68	-259.37	-570.58	649.92	601.19	48.73	13.336		
8,400.00	7,181.54	6,914.11	6,859.66	45.11	18.60	53.86	-258.29	-550.56	714.91	666.91	48.00	14.893		
8,500.00	7,183.57	6,888.67	6,837.90	47.56	18.42	51.91	-257.51	-537.41	785.51	738.13	47.38	16.579		
8,600.00	7,185.60	6,866.45	6,818.48	50.06	18.28	50.25	-256.81	-526.64	860.62	813.79	46.83	18.378		
8,700.00	7,187.63	6,850.00	6,803.87	52.61	18.18	49.05	-256.30	-519.11	939.39	893.04	46.35	20.267		
8,800.00	7,189.66	6,829.67	6,785.55	55.21	18.07	47.60	-255.65	-510.32	1,021.09	975.17	45.92	22.236		
8,900.00	7,191.68	6,814.32	6,771.53	57.84	17.98	46.53	-255.15	-504.08	1,105.23	1,059.68	45.55	24.265		
9,000.00	7,193.71	6,800.00	6,758.33	60.50	17.90	45.56	-254.69	-498.57	1,191.36	1,146.14	45.22	26.347		

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				Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)				
0.00	0.00	3.00	-3.00	3.28	3.28	96.71	-21.13	179.59	180.83					
100.00	100.00	103.00	97.00	3.28	3.28	96.71	-21.13	179.59	180.83	173.30	7.53	24.023		
200.00	200.00	203.00	197.00	3.30	3.30	96.71	-21.13	179.59	180.83	173.26	7.57	23.889		
300.00	300.00	300.13	300.13	3.34	3.34	-179.27	-21.15	179.15	180.86	173.21	7.65	23.637		
400.00	399.93	406.78	406.70	3.41	3.41	-179.10	-21.28	175.31	180.78	173.01	7.77	23.272		
500.00	499.68	513.42	513.04	3.49	3.50	-178.75	-21.56	167.50	180.52	172.60	7.92	22.786		
543.30	542.78	559.58	558.97	3.54	3.56	-178.55	-21.72	162.89	180.35	172.35	8.00	22.538	CC	
600.00	599.13	615.83	614.92	3.60	3.62	-178.29	-21.92	156.98	180.82	172.69	8.13	22.249		
700.00	698.15	715.75	714.28	3.75	3.76	-177.86	-22.29	146.45	184.37	175.99	8.38	21.999		
800.00	796.63	815.49	813.47	3.93	3.92	-177.50	-22.66	135.94	191.42	182.74	8.68	22.059		
900.00	894.44	914.93	912.35	4.16	4.10	-177.20	-23.02	125.47	201.94	192.92	9.01	22.402		
1,000.00	991.67	1,014.06	1,010.93	4.43	4.29	-176.98	-23.39	115.03	215.08	205.69	9.39	22.915		
1,100.00	1,088.87	1,113.17	1,109.48	4.74	4.50	-176.79	-23.75	104.59	228.38	218.60	9.78	23.347		
1,200.00	1,186.06	1,212.28	1,208.04	5.08	4.72	-176.61	-24.12	94.15	241.68	231.48	10.20	23.683		
1,300.00	1,283.26	1,311.38	1,306.60	5.43	4.95	-176.46	-24.48	83.71	254.98	244.33	10.65	23.940		
1,400.00	1,380.45	1,410.49	1,405.15	5.81	5.20	-176.32	-24.85	73.27	268.29	257.17	11.12	24.135		
1,500.00	1,477.65	1,509.60	1,503.71	6.19	5.44	-176.20	-25.21	62.83	281.60	270.00	11.60	24.275		
1,600.00	1,574.85	1,608.71	1,602.27	6.59	5.70	-176.08	-25.58	52.39	294.90	282.80	12.10	24.374		
1,700.00	1,672.04	1,707.82	1,700.82	7.00	5.95	-175.98	-25.94	41.95	308.21	295.61	12.60	24.457		
1,800.00	1,769.24	1,806.93	1,799.38	7.23	6.08	-175.89	-26.30	31.51	321.52	309.03	12.49	25.741		
1,900.00	1,866.43	1,906.04	1,897.94	7.30	6.11	-175.80	-26.67	21.08	334.83	322.30	12.53	26.727		
2,000.00	1,963.63	2,005.15	1,996.49	7.39	6.15	-175.72	-27.03	10.64	348.14	335.55	12.60	27.634		
2,100.00	2,060.83	2,104.26	2,095.05	7.52	6.21	-175.64	-27.40	0.20	361.46	348.75	12.70	28.458		
2,200.00	2,158.02	2,203.37	2,193.61	7.67	6.29	-175.57	-27.76	-10.24	374.77	361.93	12.84	29.193		
2,300.00	2,255.22	2,302.47	2,292.17	7.85	6.38	-175.51	-28.13	-20.68	388.08	375.08	13.00	29.843		
2,400.00	2,352.42	2,401.58	2,390.72	8.05	6.48	-175.45	-28.49	-31.12	401.39	388.19	13.20	30.407		
2,500.00	2,449.61	2,500.69	2,489.28	8.28	6.60	-175.39	-28.86	-41.56	414.71	401.28	13.43	30.890		
2,600.00	2,546.81	2,600.20	2,587.84	8.53	6.73	-175.34	-29.22	-52.00	428.02	414.35	13.68	31.294		
2,700.00	2,644.00	2,701.09	2,686.39	8.79	6.88	-175.29	-29.59	-62.44	441.34	427.38	13.96	31.621		
2,800.00	2,741.20	2,801.98	2,784.95	9.08	7.04	-175.24	-29.95	-72.88	454.65	440.39	14.26	31.880		
2,900.00	2,838.40	2,902.87	2,883.51	9.37	7.21	-175.19	-30.32	-83.32	467.97	453.38	14.59	32.080		
3,000.00	2,935.59	3,003.76	2,982.06	9.69	7.39	-175.15	-30.68	-93.76	481.28	466.35	14.94	32.224		
3,100.00	3,032.79	3,104.65	3,080.62	10.01	7.58	-175.11	-31.04	-104.20	494.60	479.30	15.30	32.321		
3,200.00	3,129.98	3,194.45	3,179.18	10.35	7.75	-175.07	-31.41	-114.64	507.91	492.25	15.67	32.415		
3,300.00	3,227.18	3,306.44	3,277.74	10.70	7.98	-175.04	-31.77	-125.08	521.23	505.14	16.09	32.393		
3,400.00	3,324.38	3,392.67	3,376.29	11.06	8.17	-175.00	-32.14	-135.52	534.55	518.07	16.48	32.434		
3,500.00	3,421.57	3,508.22	3,474.85	11.42	8.42	-174.97	-32.50	-145.95	547.86	530.92	16.94	32.339		
3,600.00	3,518.77	3,609.11	3,573.41	11.80	8.65	-174.94	-32.87	-156.39	561.18	543.79	17.39	32.276		
3,700.00	3,615.96	3,690.00	3,671.96	12.18	8.83	-174.91	-33.23	-166.83	574.50	556.69	17.80	32.268		
3,800.00	3,713.16	3,789.11	3,770.52	12.57	9.07	-174.88	-33.60	-177.27	587.81	569.54	18.27	32.176		
3,900.00	3,810.36	3,888.22	3,869.08	12.96	9.31	-174.86	-33.96	-187.71	601.13	582.39	18.74	32.072		
4,000.00	3,907.55	3,987.33	3,967.63	13.36	9.55	-174.83	-34.33	-198.15	614.45	595.22	19.23	31.956		
4,100.00	4,004.75	4,086.44	4,066.19	13.76	9.80	-174.81	-34.69	-208.59	627.76	608.04	19.72	31.832		
4,200.00	4,101.95	4,185.54	4,164.75	14.17	10.05	-174.78	-35.06	-219.03	641.08	620.86	20.22	31.701		
4,300.00	4,199.14	4,284.65	4,263.30	14.58	10.31	-174.76	-35.42	-229.47	654.40	633.67	20.73	31.565		
4,400.00	4,296.34	4,383.76	4,361.86	15.00	10.56	-174.74	-35.79	-239.91	667.72	646.47	21.25	31.425		
4,500.00	4,393.53	4,482.87	4,460.42	15.42	10.83	-174.72	-36.15	-250.35	681.03	659.26	21.77	31.282		
4,600.00	4,490.73	4,581.98	4,558.98	15.84	11.09	-174.70	-36.51	-260.79	694.35	672.05	22.30	31.137		
4,700.00	4,587.93	4,681.09	4,657.53	16.27	11.36	-174.68	-36.88	-271.23	707.67	684.84	22.83	30.992		
4,800.00	4,685.12	4,780.20	4,756.09	16.70	11.63	-174.66	-37.24	-281.67	720.99	697.61	23.37	30.846		
4,900.00	4,782.32	4,879.31	4,854.65	17.13	11.90	-174.64	-37.61	-292.11	734.31	710.39	23.92	30.700		
5,000.00	4,879.51	4,978.42	4,953.20	17.56	12.18	-174.63	-37.97	-302.54	747.62	723.16	24.47	30.556		
5,100.00	4,976.71	5,077.52	5,051.76	18.00	12.45	-174.61	-38.34	-312.98	760.94	735.92	25.02	30.412		
5,200.00	5,073.91	5,176.63	5,150.32	18.44	12.73	-174.59	-38.70	-323.42	774.26	748.68	25.58	30.270		
5,300.00	5,171.10	5,275.74	5,248.87	18.88	13.01	-174.58	-39.07	-333.86	787.58	761.44	26.14	30.130		
5,400.00	5,268.30	5,374.85	5,347.43	19.32	13.30	-174.56	-39.43	-344.30	800.90	774.19	26.70	29.992		
5,500.00	5,365.49	5,473.96	5,445.99	19.76	13.58	-174.55	-39.80	-354.74	814.22	786.94	27.27	29.856		
5,600.00	5,462.69	5,573.07	5,544.54	20.21	13.87	-174.53	-40.16	-365.18	827.53	799.69	27.84	29.722		
5,700.00	5,559.89	5,672.18	5,643.10	20.65	14.15	-174.52	-40.53	-375.62	840.85	812.44	28.42	29.591		
5,800.00	5,657.08	5,771.29	5,741.66	21.10	14.44	-174.51	-40.89	-386.06	854.17	825.18	28.99	29.462		
5,900.00	5,754.28	5,870.40	5,840.22	21.55	14.73	-174.50	-41.25	-396.50	867.49	837.92	29.57	29.336		
6,000.00	5,851.47	5,969.51	5,938.77	22.00	15.02	-174.48	-41.62	-406.94	880.81</					

Offset Design										5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1				Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft					
Reference		Offset		Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,500.00	6,337.46	7,653.54	6,962.61	24.26	34.10	-130.78	-50.43	-1,382.15	657.94	625.56	32.39	20.316			
6,600.00	6,435.13	7,674.51	6,962.58	24.60	34.61	-120.06	-50.55	-1,403.12	566.31	532.06	34.25	16.534			
6,700.00	6,534.73	7,681.57	6,962.57	24.75	34.79	166.25	-50.59	-1,410.18	475.36	438.59	36.76	12.930			
6,800.00	6,634.24	7,672.95	6,962.58	24.84	34.58	112.54	-50.54	-1,401.56	388.73	348.43	40.29	9.648			
6,900.00	6,731.20	7,648.87	6,962.62	24.90	33.98	113.12	-50.40	-1,377.49	311.75	266.52	45.23	6.893			
7,000.00	6,823.22	7,609.92	6,962.67	25.00	33.02	109.46	-50.17	-1,338.54	251.72	200.42	51.30	4.907			
7,100.00	6,908.04	7,557.06	6,962.74	25.18	31.76	100.50	-49.87	-1,285.68	217.08	160.99	56.09	3.870			
7,169.93	6,961.95	7,512.51	6,962.80	25.41	30.70	91.55	-49.61	-1,241.13	210.32	153.66	56.67	3.711	ES, SF		
7,200.00	6,983.56	7,508.41	6,962.82	25.51	30.60	87.26	-49.49	-1,220.21	211.42	154.94	56.49	3.743			
7,300.00	7,047.94	7,415.13	6,962.93	26.05	28.48	72.83	-49.05	-1,143.74	227.06	174.79	52.27	4.344			
7,400.00	7,099.58	7,334.88	6,962.52	26.83	26.74	61.14	-48.58	-1,063.51	251.22	203.10	48.12	5.221			
7,500.00	7,137.21	7,263.77	6,955.81	27.88	25.27	52.73	-48.15	-992.75	278.88	233.82	45.06	6.189			
7,600.00	7,159.91	7,194.82	6,941.81	29.17	23.92	46.16	-47.72	-925.28	307.62	264.61	43.02	7.151			
7,700.00	7,167.34	7,127.62	6,921.22	30.64	22.70	41.38	-47.28	-861.34	335.47	293.62	41.85	8.016			
7,800.00	7,169.37	7,064.63	6,895.90	32.29	21.67	38.38	-46.87	-803.69	368.63	327.56	41.07	8.975			
7,900.00	7,171.40	7,007.54	6,868.14	34.12	20.82	35.52	-46.50	-753.83	410.60	370.09	40.51	10.136			
8,000.00	7,173.43	6,950.00	6,835.75	36.10	20.05	32.63	-46.12	-706.30	460.72	420.66	40.05	11.503			
8,100.00	7,175.46	6,910.80	6,811.29	38.21	19.59	30.72	-45.87	-675.67	517.80	477.85	39.95	12.963			
8,200.00	7,177.48	6,870.35	6,784.12	40.42	19.15	28.83	-45.61	-645.72	581.03	541.19	39.84	14.584			
8,300.00	7,179.51	6,834.48	6,758.48	42.73	18.79	27.23	-45.39	-620.65	649.38	609.59	39.79	16.319			
8,400.00	7,181.54	6,800.00	6,732.53	45.11	18.47	25.77	-45.17	-597.94	722.02	682.26	39.76	18.159			
8,500.00	7,183.57	6,774.35	6,712.46	47.56	18.25	24.74	-45.02	-581.98	798.21	758.44	39.77	20.068			
8,600.00	7,185.60	6,750.00	6,692.82	50.06	18.05	23.81	-44.88	-567.58	877.40	837.62	39.78	22.056			
8,700.00	7,187.63	6,726.55	6,673.40	52.61	17.88	22.95	-44.74	-554.44	959.09	919.30	39.79	24.106			
8,800.00	7,189.66	6,700.00	6,650.85	55.21	17.69	22.02	-44.59	-540.44	1,042.93	1,003.14	39.79	26.211			
8,900.00	7,191.68	6,700.00	6,650.85	57.84	17.69	22.02	-44.59	-540.44	1,128.64	1,088.86	39.78	28.372			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	90.35	-1.10	179.87	179.87					
100.00	100.00	103.00	97.00	3.28	3.28	90.35	-1.10	179.87	179.87	172.35	7.53	23.896		
200.00	200.00	203.00	197.00	3.30	3.30	90.35	-1.10	179.87	179.87	172.30	7.57	23.763		
300.00	300.00	300.06	300.05	3.34	3.34	174.33	-1.00	179.45	179.91	172.26	7.65	23.512		
400.00	399.93	406.56	406.48	3.41	3.41	174.16	-0.08	175.72	179.88	172.11	7.77	23.149		
500.00	499.68	513.04	512.67	3.49	3.51	173.82	1.78	168.15	179.71	171.78	7.93	22.673		
549.25	548.71	565.48	564.84	3.54	3.57	173.59	3.04	163.02	179.58	171.56	8.02	22.397		
600.00	599.13	615.74	614.81	3.60	3.63	173.37	4.32	157.80	180.02	171.89	8.13	22.142		
700.00	698.15	715.67	714.16	3.75	3.76	173.03	6.87	147.40	183.50	175.11	8.38	21.888		
800.00	796.63	815.42	813.34	3.93	3.93	172.83	9.42	137.03	190.44	181.76	8.68	21.944		
900.00	894.44	914.87	912.22	4.16	4.10	172.75	11.96	126.68	200.83	191.81	9.01	22.282		
1,000.00	991.67	1,014.02	1,010.81	4.43	4.30	172.80	14.50	116.36	213.81	204.43	9.38	22.789		
1,100.00	1,088.87	1,113.16	1,109.37	4.74	4.51	172.84	17.03	106.05	226.95	217.18	9.78	23.218		
1,200.00	1,186.06	1,212.29	1,207.93	5.08	4.73	172.89	19.56	95.74	240.10	229.90	10.19	23.552		
1,300.00	1,283.26	1,311.42	1,306.49	5.43	4.96	172.93	22.10	85.42	253.24	242.60	10.64	23.809		
1,400.00	1,380.45	1,410.55	1,405.05	5.81	5.20	172.96	24.63	75.11	266.38	255.28	11.10	24.004		
1,500.00	1,477.65	1,509.69	1,503.62	6.19	5.45	173.00	27.16	64.79	279.52	267.95	11.58	24.146		
1,600.00	1,574.85	1,608.82	1,602.18	6.59	5.70	173.03	29.70	54.48	292.66	280.59	12.07	24.246		
1,700.00	1,672.04	1,707.95	1,700.74	7.00	5.95	173.05	32.23	44.17	305.81	293.24	12.57	24.332		
1,800.00	1,769.24	1,807.08	1,799.30	7.23	6.09	173.08	34.76	33.85	318.95	306.49	12.46	25.596		
1,900.00	1,866.43	1,906.22	1,897.86	7.30	6.11	173.10	37.30	23.54	332.09	319.60	12.49	26.589		
2,000.00	1,963.63	2,005.35	1,996.43	7.39	6.16	173.12	39.83	13.23	345.23	332.68	12.56	27.488		
2,100.00	2,060.83	2,104.48	2,094.99	7.52	6.22	173.14	42.36	2.91	358.38	345.72	12.66	28.305		
2,200.00	2,158.02	2,203.61	2,193.55	7.67	6.29	173.16	44.90	-7.40	371.52	358.73	12.79	29.037		
2,300.00	2,255.22	2,302.75	2,292.11	7.85	6.38	173.17	47.43	-17.72	384.66	371.70	12.96	29.682		
2,400.00	2,352.42	2,401.88	2,390.67	8.05	6.49	173.19	49.96	-28.03	397.80	384.65	13.15	30.245		
2,500.00	2,449.61	2,501.01	2,489.24	8.28	6.60	173.20	52.50	-38.34	410.95	397.57	13.37	30.726		
2,600.00	2,546.81	2,600.14	2,587.80	8.53	6.73	173.22	55.03	-48.66	424.09	410.47	13.62	31.131		
2,700.00	2,644.00	2,700.72	2,686.36	8.79	6.88	173.23	57.56	-58.97	437.23	423.34	13.90	31.460		
2,800.00	2,741.20	2,801.59	2,784.92	9.08	7.04	173.24	60.10	-69.28	450.38	436.18	14.20	31.723		
2,900.00	2,838.40	2,902.46	2,883.48	9.37	7.21	173.26	62.63	-79.60	463.52	449.00	14.52	31.925		
3,000.00	2,935.59	3,003.33	2,982.05	9.69	7.38	173.27	65.16	-89.91	476.66	461.80	14.86	32.073		
3,100.00	3,032.79	3,104.19	3,080.61	10.01	7.57	173.28	67.70	-100.22	489.80	474.58	15.22	32.173		
3,200.00	3,129.98	3,205.06	3,179.17	10.35	7.77	173.29	70.23	-110.54	502.95	487.34	15.60	32.232		
3,300.00	3,227.18	3,305.93	3,277.73	10.70	7.98	173.30	72.76	-120.85	516.09	500.09	16.00	32.254		
3,400.00	3,324.38	3,393.20	3,376.29	11.06	8.16	173.30	75.30	-131.17	529.23	512.84	16.39	32.294		
3,500.00	3,421.57	3,507.66	3,474.86	11.42	8.41	173.31	77.83	-141.48	542.38	525.54	16.84	32.209		
3,600.00	3,518.77	3,608.53	3,573.42	11.80	8.64	173.32	80.36	-151.79	555.52	538.24	17.28	32.150		
3,700.00	3,615.96	3,709.40	3,671.98	12.18	8.87	173.33	82.89	-162.11	568.66	550.93	17.73	32.072		
3,800.00	3,713.16	3,789.73	3,770.54	12.57	9.06	173.34	85.43	-172.42	581.80	563.65	18.15	32.054		
3,900.00	3,810.36	3,888.87	3,869.10	12.96	9.30	173.34	87.96	-182.73	594.95	576.33	18.62	31.953		
4,000.00	3,907.55	3,988.00	3,967.67	13.36	9.54	173.35	90.49	-193.05	608.09	588.99	19.10	31.841		
4,100.00	4,004.75	4,087.13	4,066.23	13.76	9.79	173.36	93.03	-203.36	621.23	601.65	19.58	31.720		
4,200.00	4,101.95	4,186.26	4,164.79	14.17	10.04	173.36	95.56	-213.68	634.38	614.30	20.08	31.593		
4,300.00	4,199.14	4,285.40	4,263.35	14.58	10.29	173.37	98.09	-223.99	647.52	626.94	20.58	31.460		
4,400.00	4,296.34	4,384.53	4,361.91	15.00	10.55	173.37	100.63	-234.30	660.66	639.57	21.09	31.323		
4,500.00	4,393.53	4,483.66	4,460.48	15.42	10.81	173.38	103.16	-244.62	673.80	652.20	21.61	31.184		
4,600.00	4,490.73	4,582.79	4,559.04	15.84	11.07	173.38	105.69	-254.93	686.95	664.82	22.13	31.042		
4,700.00	4,587.93	4,681.93	4,657.60	16.27	11.34	173.39	108.23	-265.24	700.09	677.43	22.66	30.899		
4,800.00	4,685.12	4,781.06	4,756.16	16.70	11.61	173.39	110.76	-275.56	713.23	690.04	23.19	30.756		
4,900.00	4,782.32	4,880.19	4,854.72	17.13	11.88	173.40	113.29	-285.87	726.38	702.65	23.73	30.613		
5,000.00	4,879.51	4,979.32	4,953.29	17.56	12.16	173.40	115.83	-296.19	739.52	715.25	24.27	30.471		
5,100.00	4,976.71	5,078.46	5,051.85	18.00	12.43	173.41	118.36	-306.50	752.66	727.85	24.82	30.330		
5,200.00	5,073.91	5,177.59	5,150.41	18.44	12.71	173.41	120.89	-316.81	765.81	740.44	25.37	30.190		
5,300.00	5,171.10	5,276.72	5,248.97	18.88	12.99	173.41	123.43	-327.13	778.95	753.03	25.92	30.052		
5,400.00	5,268.30	5,375.86	5,347.53	19.32	13.27	173.42	125.96	-337.44	792.09	765.61	26.48	29.916		
5,500.00	5,365.49	5,474.99	5,446.10	19.76	13.55	173.42	128.49	-347.75	805.23	778.20	27.04	29.781		
5,600.00	5,462.69	5,574.12	5,544.66	20.21	13.84	173.43	131.03	-358.07	818.38	790.78	27.60	29.649		
5,700.00	5,559.89	5,673.25	5,643.22	20.65	14.12	173.43	133.56	-368.38	831.52	803.35	28.17	29.520		
5,800.00	5,657.08	5,772.39	5,741.78	21.10	14.41	173.43	136.09	-378.69	844.66	815.93	28.74	29.392		
5,900.00	5,754.28	5,871.52	5,840.34	21.55	14.70	173.44	138.63	-389.01	857.81	828.50	29.31	29.267		
6,000.00	5,851.47	5,970.65	5,938.91	22.00	14.99	173.44	141.16	-39						

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,337.46	7,732.71	7,037.25	24.26	34.29	172.91	165.68	-1,384.33	703.10	674.65	28.44	24.718	
6,600.00	6,435.13	7,753.57	7,037.20	24.60	34.81	168.82	165.59	-1,405.19	605.34	576.54	28.80	21.019	
6,700.00	6,534.73	7,760.51	7,037.18	24.75	34.98	-73.80	165.56	-1,412.13	505.68	476.59	29.09	17.383	
6,800.00	6,634.24	7,751.77	7,037.21	24.84	34.76	-168.95	165.60	-1,403.39	406.17	376.88	29.29	13.865	
6,900.00	6,731.20	7,727.58	7,037.27	24.90	34.16	-173.80	165.70	-1,379.20	309.25	279.84	29.41	10.514	
7,000.00	6,823.22	7,688.52	7,037.37	25.00	33.21	-175.13	165.87	-1,340.14	217.31	187.86	29.46	7.377	
7,100.00	6,908.04	7,635.56	7,037.50	25.18	31.94	-175.12	166.10	-1,287.18	132.63	103.16	29.47	4.501	
7,200.00	6,983.56	7,570.00	7,037.67	25.51	30.40	-172.71	166.39	-1,221.62	57.34	27.76	29.58	1.938	
7,288.23	7,041.00	7,502.97	7,037.84	25.98	28.87	-87.82	166.68	-1,154.60	4.16	-51.24	55.40	0.075	Level 1, CC, ES, SF
7,300.00	7,047.94	7,506.55	7,037.86	26.05	28.95	-34.87	166.72	-1,145.08	8.15	-29.95	38.09	0.214	Level 1
7,400.00	7,099.58	7,410.36	7,037.48	26.83	26.87	-3.58	167.06	-1,061.99	59.24	29.47	29.77	1.990	
7,500.00	7,137.21	7,332.21	7,029.52	27.88	25.27	-1.60	167.18	-984.30	106.13	75.60	30.53	3.477	
7,600.00	7,159.91	7,257.31	7,013.03	29.17	23.82	-0.88	167.06	-911.28	149.77	118.27	31.50	4.754	
7,700.00	7,167.34	7,184.99	6,989.08	30.64	22.54	-0.51	166.73	-843.09	189.86	157.32	32.53	5.836	
7,800.00	7,169.37	7,118.02	6,960.13	32.29	21.48	-0.31	166.23	-782.73	234.97	201.44	33.53	7.007	
7,900.00	7,171.40	7,058.22	6,929.06	34.12	20.63	-0.13	165.63	-731.67	288.74	254.33	34.41	8.392	
8,000.00	7,173.43	7,000.00	6,894.33	36.10	19.90	0.02	164.92	-684.97	349.80	314.76	35.05	9.981	
8,100.00	7,175.46	6,959.01	6,867.40	38.21	19.45	0.13	164.35	-654.09	416.72	380.98	35.73	11.662	
8,200.00	7,177.48	6,918.36	6,838.77	40.42	19.04	0.22	163.73	-625.23	488.60	452.40	36.21	13.494	
8,300.00	7,179.51	6,882.71	6,812.21	42.73	18.70	0.29	163.13	-601.48	564.52	527.94	36.59	15.429	
8,400.00	7,181.54	6,850.00	6,786.69	45.11	18.42	0.36	162.55	-581.02	643.76	606.88	36.88	17.453	
8,500.00	7,183.57	6,823.78	6,765.50	47.56	18.22	0.41	162.06	-565.59	725.72	688.60	37.13	19.547	
8,600.00	7,185.60	6,800.00	6,745.75	50.06	18.03	0.45	161.60	-552.36	809.96	772.65	37.32	21.706	
8,700.00	7,187.63	6,777.62	6,726.72	52.61	17.88	0.49	161.16	-540.58	896.10	858.63	37.47	23.916	
8,800.00	7,189.66	6,750.00	6,702.69	55.21	17.70	0.53	160.59	-526.99	983.91	946.30	37.61	26.163	
8,900.00	7,191.68	6,750.00	6,702.69	57.84	17.70	0.53	160.59	-526.99	1,073.00	1,035.34	37.66	28.490	
9,000.00	7,193.71	6,725.19	6,680.62	60.50	17.55	0.57	160.06	-515.68	1,163.12	1,125.35	37.77	30.795	

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	124.12	-121.31	179.04	216.26					
100.00	100.00	103.00	97.00	3.28	3.28	124.12	-121.31	179.04	216.26	208.74	7.53	28.730		
200.00	200.00	203.00	197.00	3.30	3.30	124.12	-121.31	179.04	216.26	208.69	7.57	28.570		
200.00	200.00	203.00	197.00	3.30	3.30	124.12	-121.31	179.04	216.26	208.69	7.57	28.570	CC, ES	
300.00	300.00	296.91	296.91	3.34	3.34	-151.83	-121.63	178.83	216.66	209.01	7.65	28.323		
400.00	399.93	396.64	396.57	3.41	3.40	-151.35	-124.46	177.00	219.82	212.06	7.76	28.312	SF	
500.00	499.68	496.07	495.77	3.49	3.48	-150.40	-130.19	173.32	226.19	218.26	7.93	28.528		
600.00	599.13	595.01	594.18	3.60	3.58	-149.07	-138.75	167.80	235.83	227.68	8.15	28.950		
700.00	698.15	693.28	691.52	3.75	3.71	-147.43	-150.08	160.50	248.81	240.39	8.42	29.544		
800.00	796.63	790.73	787.53	3.93	3.88	-145.60	-164.08	151.48	265.21	256.45	8.76	30.268		
900.00	894.44	888.57	883.65	4.16	4.09	-144.01	-179.42	141.59	284.82	275.65	9.17	31.063		
1,000.00	991.67	986.06	979.43	4.43	4.33	-143.04	-194.70	131.74	306.62	296.99	9.63	31.835		
1,100.00	1,088.87	1,083.53	1,075.19	4.74	4.58	-142.28	-209.98	121.89	328.61	318.48	10.13	32.431		
1,200.00	1,186.06	1,181.00	1,170.95	5.08	4.86	-141.63	-225.27	112.04	350.64	339.97	10.67	32.851		
1,300.00	1,283.26	1,278.47	1,266.70	5.43	5.15	-141.04	-240.55	102.19	372.72	361.47	11.25	33.134		
1,400.00	1,380.45	1,375.94	1,362.46	5.81	5.45	-140.53	-255.83	92.35	394.82	382.97	11.85	33.309		
1,500.00	1,477.65	1,473.40	1,458.22	6.19	5.77	-140.07	-271.11	82.50	416.95	404.47	12.48	33.407		
1,600.00	1,574.85	1,570.87	1,553.98	6.59	6.09	-139.65	-286.39	72.65	439.11	425.98	13.13	33.442		
1,700.00	1,672.04	1,668.34	1,649.73	7.00	6.43	-139.27	-301.67	62.80	461.28	447.49	13.80	33.433		
1,800.00	1,769.24	1,765.81	1,745.49	7.23	6.66	-138.93	-316.96	52.95	483.48	469.46	14.02	34.489		
1,900.00	1,866.43	1,863.27	1,841.25	7.30	6.76	-138.62	-332.24	43.10	505.68	491.70	13.99	36.152		
2,000.00	1,963.63	1,960.74	1,937.00	7.39	6.82	-138.34	-347.52	33.26	527.90	513.78	14.12	37.387		
2,100.00	2,060.83	2,058.21	2,032.76	7.52	6.91	-138.08	-362.80	23.41	550.14	535.84	14.30	38.479		
2,200.00	2,158.02	2,155.68	2,128.52	7.67	7.01	-137.83	-378.08	13.56	572.38	557.86	14.52	39.424		
2,300.00	2,255.22	2,253.15	2,224.28	7.85	7.14	-137.61	-393.36	3.71	594.63	579.85	14.78	40.229		
2,400.00	2,352.42	2,350.61	2,320.03	8.05	7.29	-137.40	-408.65	-6.14	616.89	601.80	15.08	40.897		
2,500.00	2,449.61	2,448.08	2,415.79	8.28	7.45	-137.21	-423.93	-15.98	639.15	623.73	15.42	41.440		
2,600.00	2,546.81	2,545.55	2,511.55	8.53	7.64	-137.03	-439.21	-25.83	661.42	645.63	15.80	41.867		
2,700.00	2,644.00	2,643.02	2,607.31	8.79	7.83	-136.86	-454.49	-35.68	683.70	667.50	16.21	42.191		
2,800.00	2,741.20	2,740.49	2,703.06	9.08	8.05	-136.70	-469.77	-45.53	705.99	689.34	16.64	42.422		
2,900.00	2,838.40	2,837.95	2,798.82	9.37	8.27	-136.56	-485.05	-55.38	728.27	711.17	17.11	42.573		
3,000.00	2,935.59	2,935.42	2,894.58	9.69	8.51	-136.42	-500.34	-65.23	750.57	732.97	17.60	42.654		
3,100.00	3,032.79	3,032.89	2,990.34	10.01	8.76	-136.29	-515.62	-75.07	772.86	754.75	18.11	42.677		
3,200.00	3,129.98	3,130.36	3,086.09	10.35	9.02	-136.16	-530.90	-84.92	795.16	776.52	18.64	42.649		
3,300.00	3,227.18	3,227.82	3,181.85	10.70	9.29	-136.05	-546.18	-94.77	817.47	798.27	19.20	42.580		
3,400.00	3,324.38	3,325.29	3,277.61	11.06	9.57	-135.93	-561.46	-104.62	839.77	820.00	19.77	42.477		
3,500.00	3,421.57	3,422.76	3,373.36	11.42	9.86	-135.83	-576.74	-114.47	862.08	841.72	20.36	42.345		
3,600.00	3,518.77	3,520.23	3,469.12	11.80	10.16	-135.73	-592.03	-124.31	884.39	863.43	20.96	42.192		
3,700.00	3,615.96	3,617.70	3,564.88	12.18	10.46	-135.64	-607.31	-134.16	906.71	885.13	21.58	42.020		
3,800.00	3,713.16	3,715.16	3,660.64	12.57	10.77	-135.54	-622.59	-144.01	929.02	906.82	22.21	41.834		
3,900.00	3,810.36	3,812.63	3,756.39	12.96	11.08	-135.46	-637.87	-153.86	951.34	928.50	22.85	41.638		
4,000.00	3,907.55	3,910.10	3,852.15	13.36	11.40	-135.38	-653.15	-163.71	973.66	950.16	23.50	41.434		
4,100.00	4,004.75	4,007.57	3,947.91	13.76	11.72	-135.30	-668.43	-173.56	995.99	971.83	24.16	41.225		
4,200.00	4,101.95	4,105.04	4,043.67	14.17	12.05	-135.22	-683.72	-183.40	1,018.31	993.48	24.83	41.012		
4,300.00	4,199.14	4,202.50	4,139.42	14.58	12.38	-135.15	-699.00	-193.25	1,040.64	1,015.13	25.51	40.797		
4,400.00	4,296.34	4,300.03	4,235.18	15.00	12.72	-135.08	-714.28	-203.10	1,062.96	1,036.77	26.19	40.582		
4,500.00	4,393.53	4,402.56	4,330.94	15.42	13.07	-135.02	-729.56	-212.95	1,085.29	1,058.39	26.90	40.341		
4,600.00	4,490.73	4,505.09	4,426.70	15.84	13.44	-134.95	-744.84	-222.80	1,107.62	1,080.00	27.62	40.103		
4,700.00	4,587.93	4,607.63	4,522.45	16.27	13.80	-134.89	-760.12	-232.64	1,129.95	1,101.61	28.34	39.869		
4,800.00	4,685.12	4,689.84	4,618.21	16.70	14.09	-134.83	-775.41	-242.49	1,152.28	1,123.29	29.00	39.735		
4,900.00	4,782.32	4,787.31	4,713.97	17.13	14.44	-134.78	-790.69	-252.34	1,174.62	1,144.90	29.71	39.530		
5,000.00	4,879.51	4,884.78	4,809.72	17.56	14.80	-134.72	-805.97	-262.19	1,196.95	1,166.52	30.43	39.329		

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	119.50	-101.28	179.04	205.70					
100.00	100.00	103.00	97.00	3.28	3.28	119.50	-101.28	179.04	205.70	198.17	7.53	27.326		
200.00	200.00	203.00	197.00	3.30	3.30	119.50	-101.28	179.04	205.70	198.13	7.57	27.174	CC, ES	
200.00	200.00	203.00	197.00	3.30	3.30	119.50	-101.28	179.04	205.70	198.13	7.57	27.174		
300.00	300.00	297.60	297.60	3.34	3.34	-156.44	-101.58	178.78	206.03	198.38	7.65	26.932		
400.00	399.93	398.81	398.74	3.41	3.40	-155.87	-104.25	176.57	208.63	200.87	7.77	26.867		
500.00	499.68	499.76	499.45	3.49	3.48	-154.74	-109.65	172.09	213.88	205.95	7.93	26.969		
600.00	599.13	600.31	599.44	3.60	3.59	-153.14	-117.74	165.37	221.87	213.72	8.15	27.226		
700.00	698.15	700.28	698.43	3.75	3.73	-151.16	-128.45	156.48	232.73	224.30	8.43	27.613		
800.00	796.63	800.88	795.98	3.93	3.90	-149.24	-140.68	146.33	246.67	237.89	8.77	28.115		
900.00	894.44	902.49	893.09	4.16	4.11	-147.88	-152.87	136.20	263.73	254.55	9.18	28.728		
1,000.00	991.67	995.56	989.86	4.43	4.32	-147.07	-165.02	126.11	283.06	273.44	9.62	29.427		
1,100.00	1,088.87	1,106.41	1,086.61	4.74	4.60	-146.43	-177.17	116.03	302.56	292.43	10.14	29.845		
1,200.00	1,186.06	1,208.38	1,183.36	5.08	4.87	-145.87	-189.32	105.94	322.10	311.42	10.67	30.176		
1,300.00	1,283.26	1,289.65	1,280.10	5.43	5.10	-145.38	-201.47	95.85	341.66	330.47	11.18	30.551		
1,400.00	1,380.45	1,387.68	1,376.85	5.81	5.38	-144.94	-213.62	85.77	361.24	349.47	11.77	30.703		
1,500.00	1,477.65	1,485.70	1,473.60	6.19	5.68	-144.54	-225.77	75.68	380.84	368.46	12.37	30.784		
1,600.00	1,574.85	1,583.73	1,570.35	6.59	5.98	-144.19	-237.92	65.59	400.45	387.45	13.00	30.812		
1,700.00	1,672.04	1,681.76	1,667.10	7.00	6.29	-143.86	-250.07	55.51	420.08	406.44	13.64	30.801		
1,800.00	1,769.24	1,779.79	1,763.84	7.23	6.49	-143.57	-262.22	45.42	439.72	426.07	13.65	32.216		
1,900.00	1,866.43	1,877.82	1,860.59	7.30	6.56	-143.30	-274.37	35.33	459.37	445.61	13.76	33.383		
2,000.00	1,963.63	1,975.85	1,957.34	7.39	6.62	-143.05	-286.52	25.25	479.03	465.14	13.89	34.499		
2,100.00	2,060.83	2,073.87	2,054.09	7.52	6.70	-142.83	-298.67	15.16	498.70	484.64	14.05	35.486		
2,200.00	2,158.02	2,171.90	2,150.84	7.67	6.79	-142.61	-310.82	5.07	518.37	504.11	14.26	36.345		
2,300.00	2,255.22	2,269.93	2,247.59	7.85	6.91	-142.42	-322.97	-5.01	538.05	523.54	14.51	37.077		
2,400.00	2,352.42	2,367.96	2,344.33	8.05	7.04	-142.24	-335.12	-15.10	557.74	542.94	14.80	37.688		
2,500.00	2,449.61	2,465.99	2,441.08	8.28	7.19	-142.07	-347.27	-25.19	577.43	562.31	15.12	38.186		
2,600.00	2,546.81	2,564.02	2,537.83	8.53	7.36	-141.91	-359.42	-35.27	597.13	581.65	15.48	38.579		
2,700.00	2,644.00	2,662.04	2,634.58	8.79	7.54	-141.76	-371.57	-45.36	616.83	600.96	15.87	38.879		
2,800.00	2,741.20	2,760.07	2,731.33	9.08	7.74	-141.62	-383.72	-55.45	636.53	620.25	16.28	39.095		
2,900.00	2,838.40	2,858.10	2,828.07	9.37	7.94	-141.49	-395.87	-65.53	656.24	639.51	16.72	39.238		
3,000.00	2,935.59	2,956.13	2,924.82	9.69	8.16	-141.37	-408.02	-75.62	675.95	658.75	17.19	39.317		
3,100.00	3,032.79	3,054.16	3,021.57	10.01	8.39	-141.26	-420.17	-85.71	695.66	677.98	17.68	39.342		
3,200.00	3,129.98	3,152.19	3,118.32	10.35	8.63	-141.15	-432.32	-95.79	715.37	697.18	18.19	39.320		
3,300.00	3,227.18	3,250.22	3,215.07	10.70	8.88	-141.04	-444.47	-105.88	735.09	716.37	18.72	39.260		
3,400.00	3,324.38	3,348.24	3,311.81	11.06	9.14	-140.95	-456.62	-115.97	754.81	735.54	19.27	39.168		
3,500.00	3,421.57	3,446.27	3,408.56	11.42	9.41	-140.85	-468.77	-126.05	774.53	754.70	19.83	39.050		
3,600.00	3,518.77	3,544.30	3,505.31	11.80	9.68	-140.76	-480.92	-136.14	794.26	773.84	20.41	38.910		
3,700.00	3,615.96	3,642.33	3,602.06	12.18	9.96	-140.68	-493.07	-146.23	813.98	792.98	21.00	38.754		
3,800.00	3,713.16	3,740.36	3,698.81	12.57	10.24	-140.60	-505.22	-156.31	833.71	812.10	21.61	38.584		
3,900.00	3,810.36	3,838.39	3,795.56	12.96	10.53	-140.52	-517.37	-166.40	853.44	831.22	22.22	38.403		
4,000.00	3,907.55	3,936.41	3,892.30	13.36	10.83	-140.45	-529.52	-176.49	873.17	850.32	22.85	38.216		
4,100.00	4,004.75	4,034.44	3,989.05	13.76	11.13	-140.38	-541.67	-186.58	892.90	869.42	23.48	38.023		
4,200.00	4,101.95	4,132.47	4,085.80	14.17	11.43	-140.31	-553.82	-196.66	912.63	888.50	24.13	37.826		
4,300.00	4,199.14	4,230.50	4,182.55	14.58	11.74	-140.25	-565.97	-206.75	932.37	907.59	24.78	37.627		
4,400.00	4,296.34	4,328.53	4,279.30	15.00	12.05	-140.19	-578.11	-216.84	952.10	926.66	25.44	37.428		
4,500.00	4,393.53	4,426.56	4,376.04	15.42	12.37	-140.13	-590.26	-226.92	971.84	945.73	26.10	37.229		
4,600.00	4,490.73	4,524.58	4,472.79	15.84	12.69	-140.07	-602.41	-237.01	991.57	964.80	26.78	37.031		
4,700.00	4,587.93	4,622.61	4,569.54	16.27	13.01	-140.02	-614.56	-247.10	1,011.31	983.86	27.46	36.835		
4,800.00	4,685.12	4,720.64	4,666.29	16.70	13.33	-139.97	-626.71	-257.18	1,031.05	1,002.91	28.14	36.641		
4,900.00	4,782.32	4,818.67	4,763.04	17.13	13.66	-139.92	-638.86	-267.27	1,050.79	1,021.96	28.83	36.450		
5,000.00	4,879.51	4,916.70	4,859.79	17.56	13.99	-139.87	-651.01	-277.36	1,070.53	1,041.01	29.52	36.262		
5,100.00	4,976.71	5,014.73	4,956.53	18.00	14.32	-139.82	-663.16	-287.44	1,090.27	1,060.05	30.22	36.078		
5,200.00	5,073.91	5,112.75	5,053.28	18.44	14.65	-139.78	-675.31	-297.53	1,110.01	1,079.09	30.92	35.897		
5,300.00	5,171.10	5,210.78	5,150.03	18.88	14.99	-139.73	-687.46	-307.62	1,129.75	1,098.12	31.63	35.720		
5,400.00	5,268.30	5,308.81	5,246.78	19.32	15.32	-139.69	-699.61	-317.70	1,149.49	1,117.16	32.34	35.547		
5,500.00	5,365.49	5,406.84	5,343.53	19.76	15.66	-139.65	-711.76	-327.79	1,169.24	1,136.19	33.05	35.377		
5,600.00	5,462.69	5,504.87	5,440.27	20.21	16.00	-139.61	-723.91	-337.88	1,188.98	1,155.22	33.77	35.212		
6,700.00	6,534.73	7,822.70	7,046.51	24.75	36.08	165.69	-930.50	-1,407.91	1,197.10	1,141.57	55.53	21.558		
6,800.00	6,634.24	7,813.76	7,046.55	24.84	35.87	101.77	-930.46	-1,398.97	1,160.09	1,103.20	56.89	20.392		
6,900.00	6,731.20	7,789.37	7,046.66	24.90	35.30	99.06	-930.34	-1,374.57	1,131.22	1,073.57	57.64	19.625		
7,000.00	6,823.22	7,750.12	7,046.84	25.00	34.41	97.63	-930.15	-1,335.33	1,110.88	1,053.10	57.78	19.225		
7,100.00	6,908.04	7,703.01	7,047.08	25.18	33.34	95.71	-929.90	-1,282.20	1,098.52	1,041.03	57.49	19.108	SF	
7,200.00	6,983.56	7,631.28	7,047.38	25.51	31.80	93.24	-929.58	-1,216.48	1,092.82	1,036.29	56.53	19.331		
7,273.51	7,032.07	7,575.88	7,047.64	25.90	30.65	91.24	-929.31	-1,161.08	1,091.80	1,035.99	55.80	19.565		
7,300.00	7,047.94	7,554.60	7,047.74	26.05	30.22	90.51	-929.21	-1,139.81	1,091.90	1,036.40	55.50	19.672		



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	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)			
7,400.00	7,099.58	7,464.40	7,047.32	26.83	28.48	87.74	-928.67	-1,049.63	1,093.67	1,039.27	54.40	20.105		
7,500.00	7,137.21	7,367.53	7,035.57	27.88	26.77	84.98	-926.68	-953.58	1,095.86	1,042.39	53.47	20.496		
7,600.00	7,159.91	7,277.64	7,011.86	29.17	25.37	82.49	-923.25	-867.03	1,097.95	1,045.00	52.95	20.735		
7,700.00	7,167.34	7,193.31	6,978.82	30.64	24.22	80.31	-918.70	-789.63	1,099.75	1,046.94	52.81	20.824		
7,800.00	7,169.37	7,117.87	6,940.89	32.29	23.35	78.25	-913.61	-724.67	1,103.29	1,050.24	53.06	20.795		
7,900.00	7,171.40	7,053.14	6,902.46	34.12	22.69	76.19	-908.52	-672.87	1,110.66	1,057.07	53.59	20.725		
8,000.00	7,173.43	7,000.00	6,867.14	36.10	22.21	74.33	-903.89	-633.46	1,122.86	1,068.52	54.34	20.663		
8,100.00	7,175.46	6,950.00	6,831.03	38.21	21.81	72.44	-899.19	-599.21	1,140.60	1,085.46	55.15	20.683		
8,200.00	7,177.48	6,911.54	6,801.51	40.42	21.53	70.92	-895.37	-574.87	1,164.29	1,108.26	56.03	20.781		
8,300.00	7,179.51	6,877.52	6,774.22	42.73	21.29	69.53	-891.85	-554.88	1,194.06	1,137.19	56.87	20.998		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	3.28	3.28	-179.47	-119.87	-1.11	119.87					
100.00	100.00	101.00	99.00	3.28	3.28	-179.47	-119.87	-1.11	119.87	112.34	7.53	15.925		
200.00	200.00	201.00	199.00	3.30	3.30	-179.47	-119.87	-1.11	119.87	112.30	7.57	15.837		
200.00	200.00	201.00	199.00	3.30	3.30	-179.47	-119.87	-1.11	119.87	112.30	7.57	15.837	CC, ES	
300.00	300.00	297.87	297.87	3.34	3.34	-95.51	-120.09	-1.45	120.14	112.49	7.65	15.705	SF	
400.00	399.93	395.53	395.47	3.41	3.40	-95.77	-121.92	-4.19	122.38	114.61	7.76	15.762		
500.00	499.68	493.08	492.78	3.49	3.48	-96.27	-125.58	-9.69	126.87	118.94	7.92	16.012		
600.00	599.13	590.43	589.63	3.60	3.58	-96.93	-131.08	-17.92	133.62	125.49	8.13	16.428		
700.00	698.15	687.52	685.82	3.75	3.71	-97.70	-138.37	-28.85	142.64	134.24	8.40	16.973		
800.00	796.63	784.26	781.17	3.93	3.89	-98.51	-147.43	-42.44	153.93	145.19	8.74	17.604		
900.00	894.44	880.60	875.52	4.16	4.10	-99.32	-158.22	-58.62	167.48	158.31	9.17	18.273		
1,000.00	991.67	976.51	968.74	4.43	4.36	-100.04	-170.71	-77.34	183.13	173.45	9.67	18.934		
1,100.00	1,088.87	1,072.36	1,061.12	4.74	4.67	-99.96	-184.89	-98.62	200.38	190.13	10.25	19.555		
1,200.00	1,186.06	1,170.74	1,155.59	5.08	5.03	-99.59	-200.12	-121.45	218.23	207.33	10.90	20.018		
1,300.00	1,283.26	1,269.12	1,250.07	5.43	5.43	-99.28	-215.35	-144.29	236.10	224.49	11.60	20.348		
1,400.00	1,380.45	1,367.51	1,344.55	5.81	5.84	-99.02	-230.58	-167.12	253.96	241.62	12.34	20.577		
1,500.00	1,477.65	1,465.89	1,439.03	6.19	6.28	-98.79	-245.81	-189.96	271.84	258.73	13.11	20.736		
1,600.00	1,574.85	1,564.28	1,533.51	6.59	6.73	-98.58	-261.04	-212.80	289.71	275.81	13.91	20.834		
1,700.00	1,672.04	1,662.66	1,627.98	7.00	7.19	-98.40	-276.27	-235.63	307.59	292.87	14.72	20.894		
1,800.00	1,769.24	1,761.05	1,722.46	7.23	7.53	-98.24	-291.50	-258.47	325.48	310.43	15.04	21.635		
1,900.00	1,866.43	1,859.43	1,816.94	7.30	7.68	-98.10	-306.73	-281.30	343.36	328.29	15.07	22.785		
2,000.00	1,963.63	1,957.81	1,911.42	7.39	7.79	-97.97	-321.96	-304.14	361.25	346.00	15.25	23.688		
2,100.00	2,060.83	2,056.20	2,005.89	7.52	7.93	-97.86	-337.19	-326.97	379.14	363.65	15.49	24.476		
2,200.00	2,158.02	2,154.58	2,100.37	7.67	8.10	-97.75	-352.42	-349.81	397.03	381.24	15.79	25.148		
2,300.00	2,255.22	2,252.97	2,194.85	7.85	8.30	-97.65	-367.65	-372.65	414.92	398.78	16.14	25.710		
2,400.00	2,352.42	2,351.35	2,289.33	8.05	8.53	-97.56	-382.88	-395.48	432.81	416.27	16.54	26.168		
2,500.00	2,449.61	2,449.74	2,383.81	8.28	8.79	-97.48	-398.11	-418.32	450.70	433.71	16.99	26.532		
2,600.00	2,546.81	2,548.12	2,478.28	8.53	9.07	-97.41	-413.34	-441.15	468.59	451.12	17.48	26.812		
2,700.00	2,644.00	2,646.50	2,572.76	8.79	9.38	-97.34	-428.57	-463.99	486.49	468.48	18.01	27.018		
2,800.00	2,741.20	2,744.89	2,667.24	9.08	9.71	-97.27	-443.80	-486.82	504.38	485.81	18.57	27.160		
2,900.00	2,838.40	2,843.27	2,761.72	9.37	10.05	-97.21	-459.02	-509.66	522.28	503.11	19.17	27.248		
3,000.00	2,935.59	2,941.66	2,856.19	9.69	10.41	-97.15	-474.25	-532.50	540.18	520.38	19.79	27.290		
3,100.00	3,032.79	3,040.04	2,950.67	10.01	10.78	-97.10	-489.48	-555.33	558.07	537.63	20.45	27.294		
3,200.00	3,129.98	3,138.43	3,045.15	10.35	11.17	-97.05	-504.71	-578.17	575.97	554.85	21.12	27.267		
3,300.00	3,227.18	3,236.81	3,139.63	10.70	11.57	-97.00	-519.94	-601.00	593.87	572.04	21.82	27.214		
3,400.00	3,324.38	3,335.19	3,234.11	11.06	11.98	-96.96	-535.17	-623.84	611.76	589.22	22.54	27.141		
3,500.00	3,421.57	3,433.58	3,328.58	11.42	12.40	-96.92	-550.40	-646.67	629.66	606.39	23.28	27.052		
3,600.00	3,518.77	3,531.96	3,423.06	11.80	12.83	-96.88	-565.63	-669.51	647.56	623.53	24.03	26.951		
3,700.00	3,615.96	3,630.35	3,517.54	12.18	13.27	-96.84	-580.86	-692.35	665.46	640.67	24.79	26.840		
3,800.00	3,713.16	3,728.73	3,612.02	12.57	13.71	-96.81	-596.09	-715.18	683.36	657.79	25.57	26.722		
3,900.00	3,810.36	3,827.12	3,706.49	12.96	14.17	-96.77	-611.32	-738.02	701.26	674.89	26.36	26.599		
4,000.00	3,907.55	3,925.50	3,800.97	13.36	14.62	-96.74	-626.55	-760.85	719.16	691.99	27.17	26.472		
4,100.00	4,004.75	4,023.88	3,895.45	13.76	15.08	-96.71	-641.78	-783.69	737.06	709.08	27.98	26.343		
4,200.00	4,101.95	4,122.27	3,989.93	14.17	15.55	-96.68	-657.01	-806.53	754.96	726.16	28.80	26.213		
4,300.00	4,199.14	4,220.65	4,084.41	14.58	16.02	-96.66	-672.24	-829.36	772.86	743.23	29.63	26.083		
4,400.00	4,296.34	4,319.04	4,178.88	15.00	16.50	-96.63	-687.47	-852.20	790.76	760.29	30.47	25.954		
4,500.00	4,393.53	4,417.42	4,273.36	15.42	16.98	-96.61	-702.70	-875.03	808.66	777.34	31.31	25.826		
4,600.00	4,490.73	4,515.81	4,367.84	15.84	17.46	-96.58	-717.93	-897.87	826.56	794.39	32.16	25.699		
4,700.00	4,587.93	4,614.19	4,462.32	16.27	17.94	-96.56	-733.16	-920.70	844.46	811.44	33.02	25.574		
4,800.00	4,685.12	4,712.57	4,556.79	16.70	18.43	-96.54	-748.39	-943.54	862.36	828.48	33.88	25.452		
4,900.00	4,782.32	4,810.96	4,651.27	17.13	18.92	-96.52	-763.62	-966.38	880.26	845.51	34.75	25.331		
5,000.00	4,879.51	4,909.34	4,745.75	17.56	19.42	-96.50	-778.85	-989.21	898.16	862.54	35.62	25.214		
5,100.00	4,976.71	5,007.73	4,840.23	18.00	19.91	-96.48	-794.07	-1,012.05	916.06	879.56	36.50	25.099		
5,200.00	5,073.91	5,106.11	4,934.71	18.44	20.41	-96.46	-809.30	-1,034.88	933.96	896.58	37.38	24.986		
5,300.00	5,171.10	5,204.50	5,029.18	18.88	20.91	-96.44	-824.53	-1,057.72	951.86	913.60	38.26	24.877		
5,400.00	5,268.30	5,302.88	5,123.66	19.32	21.41	-96.42	-839.76	-1,080.55	969.77	930.61	39.15	24.770		
5,500.00	5,365.49	5,401.26	5,218.14	19.76	21.91	-96.41	-854.99	-1,103.39	987.67	947.62	40.04	24.666		
5,600.00	5,462.69	5,499.65	5,312.62	20.21	22.42	-96.39	-870.22	-1,126.23	1,005.57	964.63	40.94	24.564		
5,700.00	5,559.89	5,601.97	5,407.09	20.65	22.95	-96.37	-885.45	-1,149.06	1,023.47	981.62	41.85	24.455		
5,800.00	5,657.08	5,703.58	5,501.57	21.10	23.47	-96.36	-900.68	-1,171.90	1,041.37	998.60	42.77	24.350		
5,900.00	5,754.28	5,805.20	5,596.05	21.55	24.00	-96.34	-915.91	-1,194.73	1,059.27	1,015.59	43.68	24.249		
6,000.00	5,851.47	5,893.19	5,690.53	22.00	24.45	-96.33	-931.14	-1,217.57	1,077.17	1,032.63	44.54	24.185		
6,100.00	5,948.67	5,991.57	5,785.01	22.45	24.96	-96.32	-946.37	-1,240.40	1,095.08	1,049.63	45.45	24.096		
6,200.00	6,045.87	6,089.95	5,879.48	22.90	25.48	-96.30	-961.60	-1,263.24	1,112.98	1,066.62	46.36	24.010		
6,300.00	6,143.06	6,188.34	5,973.96	23.35	25.99	-96.29	-976.83	-1,286.08	1,130.88	1,083.61	47.27	23.926		
6,400.00	6,240.26	6,286.72	6,068.44	23.81	26.50	-96.28	-992.06	-1,308.91	1,148.78	1,100.60	48.18	23.844		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,337.46	6,385.11	6,162.92	24.26	27.02	-96.27	-1,007.29	-1,331.75	1,166.68	1,117.59	49.09	23.764		
6,600.00	6,435.13	6,483.42	6,257.33	24.60	27.53	-100.37	-1,022.51	-1,354.57	1,184.57	1,134.69	49.88	23.749		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (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	-179.52	-99.82	-0.84	99.82				
100.00	100.00	101.00	99.00	3.28	3.28	-179.52	-99.82	-0.84	99.82	92.29	7.53	13.261	
200.00	200.00	201.00	199.00	3.30	3.30	-179.52	-99.82	-0.84	99.82	92.25	7.57	13.188	
200.00	200.00	201.00	199.00	3.30	3.30	-179.52	-99.82	-0.84	99.82	92.25	7.57	13.188	CC, ES
300.00	300.00	298.19	298.19	3.34	3.34	-95.56	-100.01	-1.19	100.06	92.41	7.65	13.079	
400.00	399.93	396.51	396.45	3.41	3.40	-95.79	-101.59	-4.13	102.03	94.27	7.77	13.139	
500.00	499.68	494.74	494.44	3.49	3.48	-96.21	-104.77	-10.03	106.00	98.07	7.93	13.372	
600.00	599.13	592.83	592.01	3.60	3.58	-96.78	-109.53	-18.87	111.96	103.81	8.14	13.752	
700.00	698.15	690.71	688.97	3.75	3.72	-97.43	-115.86	-30.62	119.91	111.49	8.42	14.247	
800.00	796.63	788.33	785.17	3.93	3.90	-98.11	-123.73	-45.24	129.85	121.08	8.76	14.817	
900.00	894.44	885.64	880.44	4.16	4.12	-98.77	-133.11	-62.67	141.76	132.57	9.19	15.419	
1,000.00	991.67	982.61	974.65	4.43	4.38	-99.29	-143.99	-82.87	155.51	145.80	9.71	16.010	
1,100.00	1,088.87	1,080.10	1,068.60	4.74	4.70	-98.88	-156.32	-105.78	170.56	160.25	10.31	16.547	
1,200.00	1,186.06	1,178.90	1,163.65	5.08	5.07	-98.36	-169.12	-129.54	185.88	174.91	10.97	16.941	
1,300.00	1,283.26	1,277.71	1,258.70	5.43	5.46	-97.92	-181.91	-153.30	201.22	189.53	11.68	17.225	
1,400.00	1,380.45	1,376.51	1,353.75	5.81	5.87	-97.54	-194.70	-177.06	216.56	204.13	12.43	17.424	
1,500.00	1,477.65	1,475.32	1,448.80	6.19	6.31	-97.21	-207.50	-200.82	231.92	218.71	13.21	17.562	
1,600.00	1,574.85	1,574.13	1,543.85	6.59	6.75	-96.92	-220.29	-224.58	247.28	233.27	14.01	17.652	
1,700.00	1,672.04	1,672.93	1,638.89	7.00	7.21	-96.67	-233.09	-248.34	262.64	247.81	14.83	17.709	
1,800.00	1,769.24	1,771.74	1,733.94	7.23	7.53	-96.44	-245.88	-272.10	278.01	262.87	15.14	18.367	
1,900.00	1,866.43	1,870.55	1,828.99	7.30	7.66	-96.24	-258.67	-295.86	293.39	278.24	15.15	19.372	
2,000.00	1,963.63	1,969.35	1,924.04	7.39	7.77	-96.05	-271.47	-319.62	308.76	293.43	15.33	20.141	
2,100.00	2,060.83	2,068.16	2,019.09	7.52	7.91	-95.89	-284.26	-343.38	324.14	308.57	15.57	20.812	
2,200.00	2,158.02	2,166.96	2,114.14	7.67	8.08	-95.74	-297.05	-367.14	339.53	323.65	15.88	21.385	
2,300.00	2,255.22	2,265.77	2,209.19	7.85	8.28	-95.60	-309.85	-390.90	354.91	338.68	16.23	21.863	
2,400.00	2,352.42	2,364.58	2,304.24	8.05	8.52	-95.47	-322.64	-414.66	370.30	353.66	16.64	22.254	
2,500.00	2,449.61	2,463.38	2,399.29	8.28	8.77	-95.36	-335.43	-438.42	385.68	368.59	17.09	22.565	
2,600.00	2,546.81	2,562.19	2,494.34	8.53	9.06	-95.25	-348.23	-462.18	401.07	383.49	17.59	22.804	
2,700.00	2,644.00	2,660.99	2,589.39	8.79	9.36	-95.15	-361.02	-485.94	416.46	398.34	18.12	22.981	
2,800.00	2,741.20	2,759.80	2,684.44	9.08	9.68	-95.06	-373.82	-509.71	431.86	413.16	18.69	23.103	
2,900.00	2,838.40	2,858.61	2,779.49	9.37	10.03	-94.97	-386.61	-533.47	447.25	427.95	19.29	23.180	
3,000.00	2,935.59	2,957.41	2,874.54	9.69	10.38	-94.89	-399.40	-557.23	462.64	442.72	19.93	23.218	
3,100.00	3,032.79	3,056.22	2,969.59	10.01	10.76	-94.82	-412.20	-580.99	478.04	457.45	20.58	23.224	
3,200.00	3,129.98	3,155.02	3,064.64	10.35	11.14	-94.75	-424.99	-604.75	493.43	472.17	21.27	23.203	
3,300.00	3,227.18	3,253.83	3,159.69	10.70	11.54	-94.68	-437.78	-628.51	508.83	486.86	21.97	23.161	
3,400.00	3,324.38	3,352.64	3,254.74	11.06	11.95	-94.62	-450.58	-652.27	524.22	501.53	22.69	23.102	
3,500.00	3,421.57	3,451.44	3,349.79	11.42	12.37	-94.56	-463.37	-676.03	539.62	516.19	23.43	23.029	
3,600.00	3,518.77	3,550.25	3,444.83	11.80	12.79	-94.51	-476.17	-699.79	555.02	530.83	24.19	22.945	
3,700.00	3,615.96	3,649.05	3,539.88	12.18	13.23	-94.45	-488.96	-723.55	570.42	545.46	24.96	22.854	
3,800.00	3,713.16	3,747.86	3,634.93	12.57	13.67	-94.40	-501.75	-747.31	585.82	560.07	25.74	22.756	
3,900.00	3,810.36	3,846.67	3,729.98	12.96	14.11	-94.36	-514.55	-771.07	601.21	574.67	26.54	22.653	
4,000.00	3,907.55	3,945.47	3,825.03	13.36	14.57	-94.31	-527.34	-794.83	616.61	589.27	27.35	22.548	
4,100.00	4,004.75	4,044.28	3,920.08	13.76	15.03	-94.27	-540.13	-818.59	632.01	603.85	28.16	22.441	
4,200.00	4,101.95	4,143.08	4,015.13	14.17	15.49	-94.23	-552.93	-842.35	647.41	618.42	28.99	22.333	
4,300.00	4,199.14	4,241.89	4,110.18	14.58	15.96	-94.19	-565.72	-866.11	662.81	632.99	29.82	22.224	
4,400.00	4,296.34	4,340.70	4,205.23	15.00	16.43	-94.15	-578.52	-889.87	678.21	647.55	30.67	22.117	
4,500.00	4,393.53	4,439.50	4,300.28	15.42	16.90	-94.12	-591.31	-913.63	693.62	662.10	31.51	22.010	
4,600.00	4,490.73	4,538.31	4,395.33	15.84	17.38	-94.09	-604.10	-937.39	709.02	676.65	32.37	21.904	
4,700.00	4,587.93	4,637.12	4,490.38	16.27	17.86	-94.05	-616.90	-961.15	724.42	691.19	33.23	21.800	
4,800.00	4,685.12	4,735.92	4,585.43	16.70	18.35	-94.02	-629.69	-984.91	739.82	705.72	34.10	21.697	
4,900.00	4,782.32	4,834.73	4,680.48	17.13	18.83	-93.99	-642.48	-1,008.68	755.22	720.25	34.97	21.597	
5,000.00	4,879.51	4,933.53	4,775.53	17.56	19.32	-93.96	-655.28	-1,032.44	770.62	734.78	35.84	21.499	
5,100.00	4,976.71	5,032.34	4,870.58	18.00	19.82	-93.94	-668.07	-1,056.20	786.03	749.30	36.73	21.403	
5,200.00	5,073.91	5,131.15	4,965.63	18.44	20.31	-93.91	-680.86	-1,079.96	801.43	763.82	37.61	21.309	
5,300.00	5,171.10	5,229.95	5,060.68	18.88	20.80	-93.88	-693.66	-1,103.72	816.83	778.33	38.50	21.217	
5,400.00	5,268.30	5,328.76	5,155.73	19.32	21.30	-93.86	-706.45	-1,127.48	832.23	792.84	39.39	21.128	
5,500.00	5,365.49	5,427.56	5,250.77	19.76	21.80	-93.84	-719.25	-1,151.24	847.64	807.35	40.29	21.041	
5,600.00	5,462.69	5,526.37	5,345.82	20.21	22.30	-93.81	-732.04	-1,175.00	863.04	821.85	41.18	20.956	
5,700.00	5,559.89	5,625.18	5,440.87	20.65	22.80	-93.79	-744.83	-1,198.76	878.44	836.36	42.08	20.873	
5,800.00	5,657.08	5,723.98	5,535.92	21.10	23.31	-93.77	-757.63	-1,222.52	893.84	850.86	42.99	20.793	
5,900.00	5,754.28	5,822.79	5,630.97	21.55	23.81	-93.75	-770.42	-1,246.28	909.25	865.35	43.89	20.714	
6,000.00	5,851.47	5,921.59	5,726.02	22.00	24.32	-93.73	-783.21	-1,270.04	924.65	879.85	44.80	20.638	
6,100.00	5,948.67	6,020.40	5,821.07	22.45	24.83	-93.71	-796.01	-1,293.80	940.05	894.34	45.71	20.564	
6,200.00	6,045.87	6,119.21	5,916.12	22.90	25.34	-93.69	-808.80	-1,317.56	955.46	908.83	46.63	20.492	
6,300.00	6,143.06	6,218.01	6,011.17	23.35	25.84	-93.68	-821.60	-1,341.32	970.86	923.32	47.54	20.422	
6,400.00	6,240.26	6,316.82	6,106.22	23.81	26.35	-93.66	-834.39	-1,365.08	986.27	937.81	48.46	20.353	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,337.46	6,415.62	6,201.27	24.26	26.87	-93.64	-847.18	-1,388.84	1,001.67	952.29	49.38	20.287	
6,600.00	6,435.13	6,515.16	6,298.33	24.60	27.14	-97.99	-860.24	-1,406.09	1,017.12	967.11	50.01	20.338	
6,700.00	6,534.73	6,613.87	6,396.04	24.75	27.27	165.46	-873.38	-1,407.96	1,032.86	982.53	50.33	20.521	
6,800.00	6,634.24	6,711.82	6,492.13	24.84	27.35	96.72	-886.28	-1,394.74	1,048.58	998.06	50.52	20.756	
6,900.00	6,731.20	6,809.16	6,584.52	24.90	27.39	90.91	-898.67	-1,367.03	1,063.87	1,013.21	50.66	21.000	
7,000.00	6,823.22	6,906.04	6,671.25	25.00	27.46	87.99	-910.30	-1,325.68	1,078.36	1,027.50	50.86	21.203	
7,100.00	6,908.04	7,002.59	6,750.52	25.18	27.58	85.93	-920.91	-1,271.75	1,091.69	1,040.47	51.21	21.317	
7,200.00	6,983.56	7,098.92	6,820.65	25.51	27.80	84.35	-930.28	-1,206.51	1,103.51	1,051.67	51.84	21.285	
7,300.00	7,047.94	7,195.13	6,880.16	26.05	28.16	83.11	-938.22	-1,131.46	1,113.54	1,060.68	52.86	21.065	
7,400.00	7,099.58	7,291.27	6,927.78	26.83	28.71	82.18	-944.55	-1,048.28	1,121.54	1,067.18	54.35	20.634	
7,500.00	7,137.21	7,387.40	6,962.44	27.88	29.47	81.53	-949.14	-958.84	1,127.29	1,070.95	56.35	20.006	
7,600.00	7,159.91	7,483.53	6,983.38	29.17	30.45	81.15	-951.88	-865.15	1,130.67	1,071.87	58.80	19.228	
7,700.00	7,167.34	7,580.27	6,990.29	30.64	31.64	81.05	-952.73	-768.74	1,131.63	1,070.01	61.62	18.364	
7,800.00	7,169.37	7,680.27	6,992.17	32.29	33.09	81.04	-952.90	-668.76	1,131.73	1,066.85	64.88	17.443	
7,900.00	7,171.40	7,780.27	6,994.05	34.12	34.75	81.04	-953.08	-568.78	1,131.83	1,063.35	68.48	16.528	
8,000.00	7,173.43	7,880.27	6,995.92	36.10	36.60	81.03	-953.25	-468.79	1,131.93	1,059.56	72.38	15.640	
8,100.00	7,175.46	7,980.27	6,997.80	38.21	38.60	81.02	-953.42	-368.81	1,132.03	1,055.51	76.52	14.793	
8,200.00	7,177.48	8,080.27	6,999.68	40.42	40.73	81.01	-953.59	-268.83	1,132.13	1,051.25	80.89	13.997	
8,300.00	7,179.51	8,180.27	7,001.56	42.73	42.97	81.01	-953.77	-168.85	1,132.24	1,046.81	85.43	13.254	
8,400.00	7,181.54	8,280.27	7,003.43	45.11	45.30	81.00	-953.94	-68.87	1,132.34	1,042.21	90.12	12.564	
8,500.00	7,183.57	8,380.27	7,005.31	47.56	47.70	80.99	-954.11	31.12	1,132.44	1,037.49	94.95	11.927	
8,600.00	7,185.60	8,480.27	7,007.19	50.06	50.17	80.99	-954.28	131.10	1,132.54	1,032.66	99.88	11.339	
8,700.00	7,187.63	8,580.27	7,009.06	52.61	52.69	80.98	-954.46	231.08	1,132.64	1,027.73	104.91	10.796	
8,800.00	7,189.66	8,680.27	7,010.94	55.21	55.26	80.97	-954.63	331.06	1,132.74	1,022.72	110.03	10.295	
8,900.00	7,191.68	8,780.27	7,012.82	57.84	57.87	80.97	-954.80	431.04	1,132.84	1,017.63	115.21	9.833	
9,000.00	7,193.71	8,880.27	7,014.69	60.50	60.52	80.96	-954.97	531.03	1,132.95	1,012.49	120.45	9.406	
9,100.00	7,195.74	8,980.27	7,016.57	63.18	63.19	80.95	-955.14	631.01	1,133.05	1,007.29	125.75	9.010	
9,200.00	7,197.77	9,080.27	7,018.45	65.89	65.89	80.95	-955.32	730.99	1,133.15	1,002.05	131.10	8.643	
9,300.00	7,199.80	9,180.27	7,020.32	68.62	68.61	80.94	-955.49	830.97	1,133.25	996.76	136.49	8.303	
9,400.00	7,201.83	9,280.27	7,022.20	71.37	71.35	80.93	-955.66	930.96	1,133.35	991.44	141.91	7.986	
9,500.00	7,203.86	9,380.27	7,024.08	74.14	74.10	80.92	-955.83	1,030.94	1,133.45	986.08	147.37	7.691	
9,600.00	7,205.88	9,480.27	7,025.96	76.92	76.88	80.92	-956.01	1,130.92	1,133.55	980.69	152.86	7.416	
9,700.00	7,207.91	9,580.27	7,027.83	79.71	79.67	80.91	-956.18	1,230.90	1,133.66	975.28	158.37	7.158	
9,800.00	7,209.94	9,680.27	7,029.71	82.52	82.47	80.90	-956.35	1,330.88	1,133.76	969.85	163.91	6.917	
9,900.00	7,211.97	9,780.27	7,031.59	85.33	85.28	80.90	-956.52	1,430.87	1,133.86	964.39	169.47	6.691	
10,000.00	7,214.00	9,880.27	7,033.46	88.16	88.10	80.89	-956.70	1,530.85	1,133.96	958.92	175.05	6.478	
10,100.00	7,216.03	9,980.27	7,035.34	90.99	90.93	80.88	-956.87	1,630.83	1,134.06	953.42	180.64	6.278	
10,200.00	7,218.06	10,080.27	7,037.22	93.84	93.77	80.88	-957.04	1,730.81	1,134.16	947.91	186.25	6.089	
10,300.00	7,220.09	10,180.27	7,039.09	96.69	96.61	80.87	-957.21	1,830.79	1,134.27	942.39	191.88	5.911	
10,400.00	7,222.11	10,280.27	7,040.97	99.54	99.47	80.86	-957.38	1,930.78	1,134.37	936.85	197.51	5.743	
10,500.00	7,224.14	10,380.27	7,042.85	102.41	102.33	80.85	-957.56	2,030.76	1,134.47	931.31	203.16	5.584	
10,600.00	7,226.17	10,480.27	7,044.72	105.27	105.19	80.85	-957.73	2,130.74	1,134.57	925.75	208.82	5.433	
10,700.00	7,228.20	10,580.27	7,046.60	108.15	108.06	80.84	-957.90	2,230.72	1,134.67	920.18	214.49	5.290	
10,800.00	7,230.23	10,680.27	7,048.48	111.02	110.94	80.83	-958.07	2,330.70	1,134.78	914.60	220.17	5.154	
10,900.00	7,232.26	10,780.27	7,050.35	113.91	113.82	80.83	-958.25	2,430.69	1,134.88	909.01	225.86	5.025	
11,000.00	7,234.29	10,880.26	7,052.23	116.79	116.70	80.82	-958.42	2,530.67	1,134.98	903.42	231.56	4.901	
11,100.00	7,236.31	10,980.26	7,054.11	119.68	119.59	80.81	-958.59	2,630.65	1,135.08	897.82	237.26	4.784	
11,200.00	7,238.34	11,080.26	7,055.99	122.58	122.48	80.81	-958.76	2,730.63	1,135.18	892.21	242.97	4.672	
11,300.00	7,240.37	11,180.26	7,057.86	125.47	125.38	80.80	-958.94	2,830.62	1,135.28	886.59	248.69	4.565	
11,400.00	7,242.40	11,280.26	7,059.74	128.37	128.28	80.79	-959.11	2,930.60	1,135.39	880.97	254.41	4.463	
11,500.00	7,244.43	11,380.26	7,061.62	131.27	131.18	80.79	-959.28	3,030.58	1,135.49	875.35	260.14	4.365	
11,600.00	7,246.46	11,480.26	7,063.49	134.18	134.08	80.78	-959.45	3,130.56	1,135.59	869.71	265.88	4.271	
11,700.00	7,248.49	11,580.26	7,065.37	137.09	136.99	80.77	-959.63	3,230.54	1,135.69	864.08	271.61	4.181	
11,800.00	7,250.51	11,680.26	7,067.25	140.00	139.90	80.76	-959.80	3,330.53	1,135.79	858.44	277.36	4.095	
11,900.00	7,252.54	11,780.26	7,069.12	142.91	142.81	80.76	-959.97	3,430.51	1,135.90	852.79	283.10	4.012	
12,000.00	7,254.57	11,880.26	7,071.00	145.82	145.72	80.75	-960.14	3,530.49	1,136.00	847.14	288.85	3.933	
12,100.00	7,256.60	11,980.26	7,072.88	148.74	148.64	80.74	-960.31	3,630.47	1,136.10	841.49	294.61	3.856	
12,200.00	7,258.63	12,080.26	7,074.75	151.66	151.55	80.74	-960.49	3,730.45	1,136.20	835.84	300.37	3.783	
12,300.00	7,260.66	12,180.26	7,076.63	154.58	154.47	80.73	-960.66	3,830.44	1,136.30	830.18	306.13	3.712	
12,400.00	7,262.69	12,280.26	7,078.51	157.50	157.39	80.72	-960.83	3,930.42	1,136.41	824.51	311.89	3.644	
12,500.00	7,264.71	12,380.26	7,080.38	160.42	160.32	80.72	-961.00	4,030.40	1,136.51	818.85	317.66	3.578	
12,600.00	7,266.74	12,480.26	7,082.26	163.35	163.24	80.71	-961.18	4,130.38	1,136.61	813.18	323.43	3.514	
12,700.00	7,268.77	12,580.26	7,084.14	166.27	166.16	80.70	-961.35	4,230.36	1,136.71	807.51	329.20	3.453	
12,800.00	7,270.80	12,680.26	7,086.02	169.20	169.09	80.70	-961.52	4,330.35	1,136.81	801.84	334.98	3.394	
12,900.00	7,272.83	12,780.26	7,087.89	172.13	172.02	80.69	-961.69	4,430.33	1,136.92	796.16	340.75	3.336	
13,000.													

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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	7,276.89	12,980.26	7,091.65	177.99	177.88	80.67	-962.04	4,630.29	1,137.12	784.81	352.31	3.228	
13,200.00	7,278.91	13,080.26	7,093.52	180.92	180.81	80.67	-962.21	4,730.27	1,137.22	779.13	358.10	3.176	
13,300.00	7,280.94	13,180.26	7,095.40	183.85	183.74	80.66	-962.38	4,830.26	1,137.33	773.44	363.88	3.126	
13,400.00	7,282.97	13,280.26	7,097.28	186.78	186.67	80.65	-962.55	4,930.24	1,137.43	767.76	369.67	3.077	
13,500.00	7,285.00	13,380.26	7,099.15	189.72	189.61	80.65	-962.73	5,030.22	1,137.53	762.07	375.46	3.030	
13,600.00	7,287.03	13,480.26	7,101.03	192.65	192.54	80.64	-962.90	5,130.20	1,137.63	756.39	381.25	2.984	
13,700.00	7,289.06	13,580.26	7,102.91	195.59	195.48	80.63	-963.07	5,230.19	1,137.73	750.70	387.04	2.940	
13,800.00	7,291.09	13,680.26	7,104.78	198.53	198.41	80.63	-963.24	5,330.17	1,137.84	745.01	392.83	2.897	
13,900.00	7,293.11	13,780.26	7,106.66	201.46	201.35	80.62	-963.42	5,430.15	1,137.94	739.32	398.62	2.855	
14,000.00	7,295.14	13,880.26	7,108.54	204.40	204.29	80.61	-963.59	5,530.13	1,138.04	733.62	404.42	2.814	
14,100.00	7,297.17	13,980.26	7,110.42	207.34	207.23	80.61	-963.76	5,630.11	1,138.14	727.93	410.21	2.775	
14,200.00	7,299.20	14,080.26	7,112.29	210.28	210.17	80.60	-963.93	5,730.10	1,138.25	722.23	416.01	2.736	
14,300.00	7,301.23	14,180.26	7,114.17	213.22	213.11	80.59	-964.11	5,830.08	1,138.35	716.54	421.81	2.699	
14,400.00	7,303.26	14,280.26	7,116.05	216.16	216.05	80.59	-964.28	5,930.06	1,138.45	710.84	427.61	2.662	
14,500.00	7,305.29	14,380.26	7,117.92	219.10	218.99	80.58	-964.45	6,030.04	1,138.55	705.14	433.41	2.627	
14,600.00	7,307.31	14,480.26	7,119.80	222.05	221.93	80.57	-964.62	6,130.02	1,138.66	699.44	439.21	2.592	
14,700.00	7,309.34	14,580.26	7,121.68	224.99	224.88	80.56	-964.79	6,230.01	1,138.76	693.74	445.01	2.559	
14,800.00	7,311.37	14,680.26	7,123.55	227.93	227.82	80.56	-964.97	6,329.99	1,138.86	688.04	450.82	2.526	
14,900.00	7,313.40	14,780.26	7,125.43	230.88	230.76	80.55	-965.14	6,429.97	1,138.96	682.34	456.62	2.494	
15,000.00	7,315.43	14,880.26	7,127.31	233.82	233.71	80.54	-965.31	6,529.95	1,139.07	676.64	462.43	2.463	
15,100.00	7,317.46	14,980.26	7,129.18	236.76	236.65	80.54	-965.48	6,629.93	1,139.17	670.94	468.23	2.433	
15,200.00	7,319.49	15,080.26	7,131.06	239.71	239.60	80.53	-965.66	6,729.92	1,139.27	665.23	474.04	2.403	
15,300.00	7,321.52	15,180.26	7,132.94	242.66	242.54	80.52	-965.83	6,829.90	1,139.37	659.53	479.84	2.374	
15,400.00	7,323.54	15,280.26	7,134.81	245.60	245.49	80.52	-966.00	6,929.88	1,139.48	653.82	485.65	2.346	
15,500.00	7,325.57	15,380.26	7,136.69	248.55	248.43	80.51	-966.17	7,029.86	1,139.58	648.12	491.46	2.319	
15,600.00	7,327.60	15,480.26	7,138.57	251.49	251.38	80.50	-966.35	7,129.85	1,139.68	642.41	497.27	2.292	
15,700.00	7,329.63	15,580.26	7,140.45	254.44	254.33	80.50	-966.52	7,229.83	1,139.78	636.71	503.08	2.266	
15,800.00	7,331.66	15,680.26	7,142.32	257.39	257.28	80.49	-966.69	7,329.81	1,139.89	631.00	508.89	2.240	
15,900.00	7,333.69	15,780.26	7,144.20	260.34	260.22	80.48	-966.86	7,429.79	1,139.99	625.29	514.70	2.215	
16,000.00	7,335.72	15,880.26	7,146.08	263.29	263.17	80.48	-967.03	7,529.77	1,140.09	619.58	520.51	2.190	
16,100.00	7,337.74	15,980.26	7,147.95	266.23	266.12	80.47	-967.21	7,629.76	1,140.19	613.88	526.32	2.166	
16,200.00	7,339.77	16,080.26	7,149.83	269.18	269.07	80.46	-967.38	7,729.74	1,140.30	608.17	532.13	2.143	
16,300.00	7,341.80	16,180.26	7,151.71	272.13	272.02	80.45	-967.55	7,829.72	1,140.40	602.46	537.94	2.120	
16,400.00	7,343.83	16,280.26	7,153.58	275.08	274.97	80.45	-967.72	7,929.70	1,140.50	596.75	543.75	2.097	
16,500.00	7,345.86	16,380.26	7,155.46	278.03	277.92	80.44	-967.90	8,029.68	1,140.61	591.04	549.57	2.075	
16,600.00	7,347.89	16,480.26	7,157.34	280.98	280.87	80.43	-968.07	8,129.67	1,140.71	585.33	555.38	2.054	
16,700.00	7,349.92	16,580.26	7,159.21	283.93	283.82	80.43	-968.24	8,229.65	1,140.81	579.62	561.19	2.033	
16,800.00	7,351.94	16,680.26	7,161.09	286.88	286.77	80.42	-968.41	8,329.63	1,140.91	573.91	567.01	2.012	
16,900.00	7,353.97	16,780.26	7,162.97	289.83	289.72	80.41	-968.59	8,429.61	1,141.02	568.20	572.82	1.992	
17,000.00	7,356.00	16,880.26	7,164.84	292.78	292.67	80.41	-968.76	8,529.59	1,141.12	562.49	578.63	1.972	
17,100.00	7,358.03	16,980.26	7,166.72	295.74	295.62	80.40	-968.93	8,629.58	1,141.22	556.77	584.45	1.953	
17,200.00	7,360.06	17,080.26	7,168.60	298.69	298.57	80.39	-969.10	8,729.56	1,141.32	551.06	590.26	1.934	
17,300.00	7,362.09	17,180.26	7,170.48	301.64	301.52	80.39	-969.27	8,829.54	1,141.43	545.35	596.08	1.915	
17,400.00	7,364.12	17,280.26	7,172.35	304.59	304.48	80.38	-969.45	8,929.52	1,141.53	539.64	601.89	1.897	
17,500.00	7,366.14	17,380.26	7,174.23	307.54	307.43	80.37	-969.62	9,029.50	1,141.63	533.93	607.71	1.879	
17,600.00	7,368.17	17,480.26	7,176.11	310.50	310.38	80.37	-969.79	9,129.49	1,141.74	528.21	613.52	1.861	
17,640.78	7,369.00	17,521.04	7,176.87	311.70	311.59	80.36	-969.86	9,170.26	1,141.78	525.88	615.89	1.854 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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.20	-39.71	-0.56	39.72				
100.00	100.00	100.00	100.00	3.28	3.28	-179.20	-39.71	-0.56	39.72	32.19	7.53	5.276	
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-39.71	-0.56	39.72	32.15	7.57	5.248	
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-39.71	-0.56	39.72	32.15	7.57	5.248	CC
300.00	300.00	299.92	299.92	3.34	3.34	-95.20	-39.75	-0.99	39.80	32.15	7.65	5.202	
400.00	399.93	399.77	399.70	3.41	3.40	-95.20	-40.09	-4.45	40.50	32.73	7.77	5.212	
500.00	499.68	499.60	499.29	3.49	3.49	-95.21	-40.75	-11.37	41.90	33.96	7.94	5.277	
600.00	599.13	599.42	598.55	3.60	3.60	-95.21	-41.75	-21.74	43.99	35.83	8.16	5.389	
700.00	698.15	699.21	697.37	3.75	3.74	-95.22	-43.08	-35.54	46.78	38.33	8.45	5.535	
800.00	796.63	798.97	795.61	3.93	3.93	-95.22	-44.74	-52.75	50.25	41.44	8.82	5.701	
900.00	894.44	898.69	893.16	4.16	4.15	-95.21	-46.72	-73.35	54.41	45.14	9.27	5.870	
1,000.00	991.67	1,001.57	989.98	4.43	4.44	-94.59	-49.02	-97.17	59.16	49.33	9.83	6.018	
1,100.00	1,088.87	1,098.30	1,086.73	4.74	4.76	-93.45	-51.39	-121.86	64.04	53.60	10.44	6.132	
1,200.00	1,186.06	1,201.82	1,183.47	5.08	5.12	-92.47	-53.77	-146.55	68.94	57.81	11.13	6.192	
1,300.00	1,283.26	1,301.95	1,280.22	5.43	5.49	-91.63	-56.15	-171.24	73.86	62.01	11.85	6.231	
1,400.00	1,380.45	1,402.08	1,376.96	5.81	5.89	-90.89	-58.52	-195.93	78.79	66.18	12.61	6.249	
1,500.00	1,477.65	1,502.20	1,473.70	6.19	6.30	-90.24	-60.90	-220.62	83.73	70.34	13.39	6.252	
1,600.00	1,574.85	1,597.67	1,570.45	6.59	6.70	-89.66	-63.28	-245.31	88.69	74.51	14.18	6.255	
1,700.00	1,672.04	1,702.46	1,667.19	7.00	7.15	-89.14	-65.66	-270.00	93.65	78.63	15.02	6.235	
1,800.00	1,769.24	1,802.58	1,763.94	7.23	7.39	-88.67	-68.03	-294.69	98.61	83.52	15.09	6.533	
1,900.00	1,866.43	1,902.71	1,860.68	7.30	7.46	-88.25	-70.41	-319.38	103.59	88.36	15.22	6.804	
2,000.00	1,963.63	2,002.84	1,957.43	7.39	7.56	-87.87	-72.79	-344.07	108.56	93.15	15.42	7.042	
2,100.00	2,060.83	2,102.96	2,054.17	7.52	7.70	-87.52	-75.17	-368.76	113.55	97.88	15.67	7.247	
2,200.00	2,158.02	2,203.09	2,150.92	7.67	7.87	-87.20	-77.54	-393.45	118.53	102.56	15.98	7.419	
2,300.00	2,255.22	2,303.22	2,247.66	7.85	8.06	-86.91	-79.92	-418.14	123.52	107.19	16.34	7.561	
2,400.00	2,352.42	2,403.34	2,344.40	8.05	8.28	-86.63	-82.30	-442.83	128.52	111.77	16.75	7.674	
2,500.00	2,449.61	2,503.47	2,441.15	8.28	8.52	-86.38	-84.68	-467.52	133.51	116.31	17.20	7.761	
2,600.00	2,546.81	2,603.59	2,537.89	8.53	8.79	-86.15	-87.05	-492.21	138.51	120.81	17.70	7.826	
2,700.00	2,644.00	2,703.72	2,634.64	8.79	9.08	-85.93	-89.43	-516.90	143.51	125.28	18.23	7.871	
2,800.00	2,741.20	2,803.85	2,731.38	9.08	9.38	-85.73	-91.81	-541.59	148.51	129.71	18.80	7.898	
2,900.00	2,838.40	2,903.97	2,828.13	9.37	9.70	-85.54	-94.19	-566.27	153.52	134.11	19.40	7.912	
3,000.00	2,935.59	3,004.10	2,924.87	9.69	10.03	-85.37	-96.56	-590.96	158.52	138.49	20.03	7.913	
3,100.00	3,032.79	3,104.23	3,021.62	10.01	10.38	-85.20	-98.94	-615.65	163.53	142.84	20.69	7.904	
3,200.00	3,129.98	3,204.35	3,118.36	10.35	10.74	-85.04	-101.32	-640.34	168.54	147.17	21.37	7.888	
3,300.00	3,227.18	3,304.48	3,215.11	10.70	11.12	-84.90	-103.69	-665.03	173.55	151.48	22.07	7.865	
3,400.00	3,324.38	3,404.61	3,311.85	11.06	11.50	-84.76	-106.07	-689.72	178.56	155.77	22.78	7.837	
3,500.00	3,421.57	3,495.27	3,408.59	11.42	11.85	-84.63	-108.45	-714.41	183.57	160.08	23.48	7.817	
3,600.00	3,518.77	3,604.86	3,505.34	11.80	12.29	-84.50	-110.83	-739.10	188.58	164.31	24.27	7.770	
3,700.00	3,615.96	3,704.99	3,602.08	12.18	12.69	-84.39	-113.20	-763.79	193.59	168.56	25.04	7.732	
3,800.00	3,713.16	3,805.11	3,698.83	12.57	13.10	-84.27	-115.58	-788.48	198.61	172.79	25.81	7.694	
3,900.00	3,810.36	3,905.24	3,795.57	12.96	13.52	-84.17	-117.96	-813.17	203.62	177.02	26.60	7.654	
4,000.00	3,907.55	4,005.37	3,892.32	13.36	13.95	-84.07	-120.34	-837.86	208.64	181.23	27.40	7.613	
4,100.00	4,004.75	4,105.49	3,989.06	13.76	14.37	-83.97	-122.71	-862.55	213.65	185.44	28.21	7.573	
4,200.00	4,101.95	4,205.62	4,085.81	14.17	14.81	-83.88	-125.09	-887.24	218.67	189.64	29.03	7.532	
4,300.00	4,199.14	4,305.75	4,182.55	14.58	15.25	-83.79	-127.47	-911.93	223.69	193.83	29.86	7.491	
4,400.00	4,296.34	4,405.87	4,279.29	15.00	15.69	-83.70	-129.85	-936.62	228.70	198.01	30.69	7.451	
4,500.00	4,393.53	4,506.00	4,376.04	15.42	16.13	-83.62	-132.22	-961.31	233.72	202.19	31.53	7.412	
4,600.00	4,490.73	4,606.12	4,472.78	15.84	16.58	-83.55	-134.60	-986.00	238.74	206.36	32.38	7.373	
4,700.00	4,587.93	4,693.75	4,569.53	16.27	16.98	-83.47	-136.98	-1,010.69	243.76	210.58	33.18	7.347	
4,800.00	4,685.12	4,806.38	4,666.27	16.70	17.49	-83.40	-139.35	-1,035.38	248.78	214.68	34.09	7.297	
4,900.00	4,782.32	4,906.50	4,763.02	17.13	17.94	-83.33	-141.73	-1,060.07	253.80	218.84	34.96	7.260	
5,000.00	4,879.51	5,006.63	4,859.76	17.56	18.40	-83.27	-144.11	-1,084.76	258.82	222.99	35.82	7.225	
5,100.00	4,976.71	5,093.24	4,956.51	18.00	18.80	-83.21	-146.49	-1,109.45	263.84	227.20	36.64	7.202	
5,200.00	5,073.91	5,193.12	5,053.25	18.44	19.26	-83.14	-148.86	-1,134.13	268.86	231.35	37.51	7.168	
5,300.00	5,171.10	5,307.01	5,149.99	18.88	19.79	-83.09	-151.24	-1,158.82	273.88	235.43	38.45	7.123	
5,400.00	5,268.30	5,407.14	5,246.74	19.32	20.26	-83.03	-153.62	-1,183.51	278.90	239.57	39.33	7.091	
5,500.00	5,365.49	5,507.26	5,343.48	19.76	20.72	-82.98	-156.00	-1,208.20	283.92	243.70	40.22	7.059	
5,600.00	5,462.69	5,607.39	5,440.23	20.21	21.19	-82.92	-158.37	-1,232.89	288.94	247.83	41.11	7.029	
5,700.00	5,559.89	5,707.52	5,536.97	20.65	21.67	-82.87	-160.75	-1,257.58	293.96	251.96	42.00	6.999	
5,800.00	5,657.08	5,792.36	5,633.72	21.10	22.07	-82.82	-163.13	-1,282.27	298.98	256.16	42.82	6.982	
5,900.00	5,754.28	5,907.77	5,730.46	21.55	22.61	-82.78	-165.51	-1,306.96	304.01	260.22	43.79	6.942	
6,000.00	5,851.47	6,007.90	5,827.21	22.00	23.09	-82.73	-167.88	-1,331.65	309.03	264.34	44.69	6.915	
6,100.00	5,948.67	6,108.02	5,923.95	22.45	23.56	-82.69	-170.26	-1,356.34	314.05	268.46	45.59	6.889	
6,200.00	6,045.87	6,191.85	6,020.69	22.90	23.96	-82.64	-172.64	-1,381.03	319.07	272.66	46.42	6.874	
6,300.00	6,143.06	6,300.14	6,126.53	23.35	24.31	-83.37	-175.22	-1,403.41	323.21	275.91	47.31	6.832	
6,400.00	6,240.26	6,408.57	6,234.69	23.81	24.45	-87.10	-177.79	-1,408.37	324.45	276.20	48.25	6.725	



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
6,500.00	6,337.46	6,507.56	6,332.87	24.26	24.51	-93.18	-180.06	-1,396.83	325.71	276.57	49.14	6.628	
6,600.00	6,435.13	6,595.37	6,417.56	24.60	24.57	-103.93	-181.97	-1,373.95	331.53	282.00	49.53	6.694	
6,700.00	6,534.73	6,677.62	6,493.33	24.75	24.64	153.97	-183.63	-1,342.14	343.38	294.20	49.18	6.982	
6,800.00	6,634.24	6,756.13	6,561.26	24.84	24.77	80.30	-185.08	-1,302.91	359.62	311.24	48.38	7.433	
6,900.00	6,731.20	6,831.72	6,621.64	24.90	24.97	70.29	-186.33	-1,257.52	378.41	331.04	47.37	7.988	
7,000.00	6,823.22	6,905.03	6,674.65	25.00	25.25	63.91	-187.38	-1,206.96	398.12	351.74	46.38	8.585	
7,100.00	6,908.04	6,976.53	6,720.44	25.18	25.65	59.09	-188.25	-1,152.10	417.37	371.80	45.57	9.159	
7,200.00	6,983.56	7,050.00	6,760.77	25.51	26.19	55.28	-188.97	-1,090.74	435.12	390.00	45.12	9.644	
7,300.00	7,047.94	7,115.67	6,790.63	26.05	26.80	52.51	-189.44	-1,032.29	450.46	405.44	45.03	10.004	
7,400.00	7,099.58	7,183.89	6,815.11	26.83	27.55	50.41	-189.77	-968.65	462.85	417.39	45.47	10.180	
7,500.00	7,137.21	7,250.00	6,832.21	27.88	28.38	48.98	-189.93	-904.82	471.83	425.41	46.42	10.165	
7,600.00	7,159.91	7,318.82	6,842.88	29.17	29.35	48.13	-189.92	-836.87	477.08	429.18	47.90	9.960	
7,700.00	7,167.34	7,405.66	6,846.60	30.64	30.69	47.88	-189.71	-761.47	478.39	428.37	50.02	9.564	
7,800.00	7,169.37	7,505.66	6,848.93	32.29	32.40	47.87	-189.38	-661.50	477.87	425.34	52.53	9.096	
7,900.00	7,171.40	7,594.34	6,851.25	34.12	34.07	47.86	-189.05	-561.52	477.35	422.21	55.15	8.656	
8,000.00	7,173.43	7,705.67	6,853.58	36.10	36.32	47.85	-188.71	-461.55	476.84	418.52	58.31	8.177	
8,100.00	7,175.46	7,805.67	6,855.91	38.21	38.47	47.85	-188.38	-361.58	476.32	414.81	61.51	7.744	
8,200.00	7,177.48	7,894.33	6,858.24	40.42	40.46	47.84	-188.05	-261.61	475.80	411.14	64.66	7.358	
8,300.00	7,179.51	8,005.67	6,860.57	42.73	43.07	47.83	-187.72	-161.64	475.28	406.93	68.35	6.953	
8,400.00	7,181.54	8,094.33	6,862.90	45.11	45.20	47.82	-187.38	-61.67	474.76	403.01	71.75	6.617	
8,500.00	7,183.57	8,205.67	6,865.23	47.56	47.95	47.82	-187.05	38.30	474.25	398.58	75.67	6.267	
8,600.00	7,185.60	8,305.67	6,867.56	50.06	50.48	47.81	-186.72	138.27	473.73	394.26	79.46	5.961	
8,700.00	7,187.63	8,394.32	6,869.88	52.61	52.76	47.80	-186.38	238.24	473.21	390.10	83.11	5.694	
8,800.00	7,189.66	8,505.68	6,872.21	55.21	55.67	47.79	-186.05	338.21	472.69	385.43	87.27	5.417	
8,900.00	7,191.68	8,605.68	6,874.54	57.84	58.31	47.79	-185.72	438.19	472.18	380.92	91.25	5.174	
9,000.00	7,193.71	8,705.68	6,876.87	60.50	60.99	47.78	-185.39	538.16	471.66	376.37	95.29	4.950	
9,100.00	7,195.74	8,805.68	6,879.20	63.18	63.69	47.77	-185.05	638.13	471.14	371.77	99.37	4.741	
9,200.00	7,197.77	8,905.68	6,881.53	65.89	66.41	47.76	-184.72	738.10	470.62	367.14	103.48	4.548	
9,300.00	7,199.80	8,994.32	6,883.86	68.62	68.84	47.75	-184.39	838.07	470.11	362.71	107.39	4.377	
9,400.00	7,201.83	9,105.69	6,886.19	71.37	71.91	47.75	-184.06	938.04	469.59	357.78	111.81	4.200	
9,500.00	7,203.86	9,194.31	6,888.51	74.14	74.37	47.74	-183.72	1,038.01	469.07	353.30	115.77	4.052	
9,600.00	7,205.88	9,305.69	6,890.84	76.92	77.47	47.73	-183.39	1,137.98	468.55	348.32	120.23	3.897	
9,700.00	7,207.91	9,405.69	6,893.17	79.71	80.27	47.72	-183.06	1,237.95	468.04	343.56	124.48	3.760	
9,800.00	7,209.94	9,494.31	6,895.50	82.52	82.76	47.71	-182.72	1,337.92	467.52	339.02	128.50	3.638	
9,900.00	7,211.97	9,605.69	6,897.83	85.33	85.91	47.71	-182.39	1,437.90	467.00	333.98	133.02	3.511	
10,000.00	7,214.00	9,705.69	6,900.16	88.16	88.74	47.70	-182.06	1,537.87	466.48	329.17	137.32	3.397	
10,100.00	7,216.03	9,805.69	6,902.49	90.99	91.58	47.69	-181.73	1,637.84	465.97	324.34	141.63	3.290	
10,200.00	7,218.06	9,905.70	6,904.82	93.84	94.43	47.68	-181.39	1,737.81	465.45	319.50	145.94	3.189	
10,300.00	7,220.09	10,005.70	6,907.14	96.69	97.28	47.67	-181.06	1,837.78	464.93	314.66	150.28	3.094	
10,400.00	7,222.11	10,094.30	6,909.47	99.54	99.81	47.67	-180.73	1,937.75	464.41	310.05	154.37	3.008	
10,500.00	7,224.14	10,205.70	6,911.80	102.41	103.01	47.66	-180.40	2,037.72	463.90	304.93	158.97	2.918	
10,600.00	7,226.17	10,305.70	6,914.13	105.27	105.88	47.65	-180.06	2,137.69	463.38	300.06	163.32	2.837	
10,700.00	7,228.20	10,394.30	6,916.46	108.15	108.42	47.64	-179.73	2,237.66	462.86	295.42	167.44	2.764	
10,727.67	7,228.76	10,419.57	6,917.05	108.94	109.15	47.65	-179.72	2,262.93	462.78	294.14	168.63	2.744	
10,800.00	7,230.23	10,487.39	6,918.63	111.02	111.11	47.73	-180.61	2,330.72	463.28	291.33	171.94	2.694	
10,900.00	7,232.26	10,587.38	6,920.95	113.91	114.00	47.89	-182.29	2,430.67	464.25	287.54	176.71	2.627	
11,000.00	7,234.29	10,687.36	6,923.28	116.79	116.89	48.05	-183.98	2,530.61	465.23	283.73	181.50	2.563	
11,100.00	7,236.31	10,787.35	6,925.61	119.68	119.78	48.21	-185.66	2,630.56	466.22	279.90	186.32	2.502	
11,200.00	7,238.34	10,887.34	6,927.94	122.58	122.68	48.37	-187.35	2,730.51	467.21	276.05	191.15	2.444	
11,300.00	7,240.37	10,987.32	6,930.27	125.47	125.58	48.52	-189.03	2,830.45	468.20	272.19	196.01	2.389	
11,400.00	7,242.40	11,087.31	6,932.60	128.37	128.49	48.68	-190.72	2,930.40	469.19	268.30	200.89	2.336	
11,500.00	7,244.43	11,187.30	6,934.92	131.27	131.40	48.84	-192.40	3,030.34	470.19	264.40	205.79	2.285	
11,600.00	7,246.46	11,287.28	6,937.25	134.18	134.31	48.99	-194.09	3,130.29	471.19	260.48	210.71	2.236	
11,700.00	7,248.49	11,387.27	6,939.58	137.09	137.22	49.15	-195.77	3,230.23	472.20	256.55	215.65	2.190	
11,800.00	7,250.51	11,487.26	6,941.91	140.00	140.14	49.30	-197.46	3,330.18	473.21	252.60	220.61	2.145	
11,900.00	7,252.54	11,587.24	6,944.24	142.91	143.05	49.45	-199.14	3,430.12	474.22	248.64	225.59	2.102	
12,000.00	7,254.57	11,687.23	6,946.57	145.82	145.97	49.60	-200.83	3,530.07	475.24	244.66	230.58	2.061	
12,100.00	7,256.60	11,787.22	6,948.89	148.74	148.89	49.76	-202.51	3,630.02	476.26	240.66	235.60	2.021	
12,200.00	7,258.63	11,887.21	6,951.22	151.66	151.82	49.91	-204.19	3,729.96	477.28	236.65	240.63	1.983	
12,300.00	7,260.66	11,987.19	6,953.55	154.58	154.74	50.06	-205.88	3,829.91	478.30	232.63	245.68	1.947	
12,400.00	7,262.69	12,087.18	6,955.88	157.50	157.67	50.21	-207.56	3,929.85	479.33	228.59	250.74	1.912	
12,500.00	7,264.71	12,187.17	6,958.21	160.42	160.59	50.36	-209.25	4,029.80	480.36	224.54	255.83	1.878	
12,600.00	7,266.74	12,287.15	6,960.54	163.35	163.52	50.50	-210.93	4,129.74	481.40	220.48	260.92	1.845	
12,700.00	7,268.77	12,387.14	6,962.86	166.27	166.45	50.65	-212.62	4,229.69	482.44	216.40	266.04	1.813	
12,800.00	7,270.80	12,487.13	6,965.19	169.20	169.39	50.80	-214.30	4,329.63	483.48	212.31	271.17	1.783	
12,900.00	7,272.83	12,587.11	6,967.52	172.13	172.32	50.94	-215.99	4,429.58	484.53	208.21	276.32	1.754	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,000.00	7,274.86	12,687.10	6,969.85	175.06	175.25	51.09	-217.67	4,529.53	485.57	204.09	281.48	1.725	
13,100.00	7,276.89	12,787.09	6,972.18	177.99	178.19	51.24	-219.36	4,629.47	486.62	199.97	286.66	1.698	
13,200.00	7,278.91	12,887.07	6,974.51	180.92	181.12	51.38	-221.04	4,729.42	487.68	195.83	291.85	1.671	
13,300.00	7,280.94	12,987.06	6,976.83	183.85	184.06	51.52	-222.73	4,829.36	488.74	191.68	297.06	1.645	
13,400.00	7,282.97	13,087.05	6,979.16	186.78	187.00	51.67	-224.41	4,929.31	489.80	187.52	302.28	1.620	
13,500.00	7,285.00	13,187.04	6,981.49	189.72	189.94	51.81	-226.09	5,029.25	490.86	183.35	307.51	1.596	
13,600.00	7,287.03	13,287.02	6,983.82	192.65	192.88	51.95	-227.78	5,129.20	491.93	179.16	312.76	1.573	
13,700.00	7,289.06	13,387.01	6,986.15	195.59	195.82	52.09	-229.46	5,229.14	493.00	174.97	318.03	1.550	
13,800.00	7,291.09	13,487.00	6,988.47	198.53	198.76	52.23	-231.15	5,329.09	494.07	170.77	323.30	1.528	
13,900.00	7,293.11	13,586.98	6,990.80	201.46	201.70	52.37	-232.83	5,429.04	495.14	166.55	328.59	1.507	
14,000.00	7,295.14	13,686.97	6,993.13	204.40	204.64	52.51	-234.52	5,528.98	496.22	162.33	333.90	1.486 Level 3	
14,100.00	7,297.17	13,786.96	6,995.46	207.34	207.59	52.65	-236.20	5,628.93	497.30	158.09	339.21	1.466 Level 3	
14,200.00	7,299.20	13,886.94	6,997.79	210.28	210.53	52.79	-237.89	5,728.87	498.39	153.85	344.54	1.447 Level 3	
14,300.00	7,301.23	13,986.93	7,000.12	213.22	213.48	52.93	-239.57	5,828.82	499.48	149.59	349.88	1.428 Level 3	
14,400.00	7,303.26	14,086.92	7,002.44	216.16	216.42	53.07	-241.26	5,928.76	500.57	145.33	355.23	1.409 Level 3	
14,500.00	7,305.29	14,186.90	7,004.77	219.10	219.37	53.20	-242.94	6,028.71	501.66	141.06	360.60	1.391 Level 3	
14,600.00	7,307.31	14,286.89	7,007.10	222.05	222.32	53.34	-244.63	6,128.65	502.75	136.78	365.98	1.374 Level 3	
14,700.00	7,309.34	14,386.88	7,009.43	224.99	225.26	53.47	-246.31	6,228.60	503.85	132.49	371.37	1.357 Level 3	
14,800.00	7,311.37	14,486.86	7,011.76	227.93	228.21	53.61	-247.99	6,328.55	504.95	128.19	376.77	1.340 Level 3	
14,900.00	7,313.40	14,586.85	7,014.09	230.88	231.16	53.74	-249.68	6,428.49	506.06	123.88	382.18	1.324 Level 3	
15,000.00	7,315.43	14,686.84	7,016.41	233.82	234.11	53.88	-251.36	6,528.44	507.17	119.56	387.60	1.308 Level 3	
15,100.00	7,317.46	14,786.83	7,018.74	236.76	237.06	54.01	-253.05	6,628.38	508.28	115.24	393.04	1.293 Level 3	
15,200.00	7,319.49	14,886.81	7,021.07	239.71	240.00	54.14	-254.73	6,728.33	509.39	110.90	398.48	1.278 Level 3	
15,300.00	7,321.52	14,986.80	7,023.40	242.66	242.95	54.27	-256.42	6,828.27	510.50	106.56	403.94	1.264 Level 3	
15,400.00	7,323.54	15,086.79	7,025.73	245.60	245.91	54.41	-258.10	6,928.22	511.62	102.21	409.41	1.250 Level 2	
15,500.00	7,325.57	15,186.77	7,028.06	248.55	248.86	54.54	-259.79	7,028.17	512.74	97.85	414.89	1.236 Level 2	
15,600.00	7,327.60	15,286.76	7,030.38	251.49	251.81	54.67	-261.47	7,128.11	513.86	93.49	420.37	1.222 Level 2	
15,700.00	7,329.63	15,386.75	7,032.71	254.44	254.76	54.80	-263.16	7,228.06	514.99	89.12	425.87	1.209 Level 2	
15,800.00	7,331.66	15,486.73	7,035.04	257.39	257.71	54.93	-264.84	7,328.00	516.12	84.74	431.38	1.196 Level 2	
15,900.00	7,333.69	15,586.72	7,037.37	260.34	260.66	55.05	-266.53	7,427.95	517.25	80.35	436.90	1.184 Level 2	
16,000.00	7,335.72	15,686.71	7,039.70	263.29	263.61	55.18	-268.21	7,527.89	518.38	75.96	442.43	1.172 Level 2	
16,100.00	7,337.74	15,786.69	7,042.03	266.23	266.57	55.31	-269.89	7,627.84	519.52	71.55	447.97	1.160 Level 2	
16,200.00	7,339.77	15,886.68	7,044.35	269.18	269.52	55.44	-271.58	7,727.78	520.66	67.15	453.51	1.148 Level 2	
16,300.00	7,341.80	15,986.67	7,046.68	272.13	272.47	55.56	-273.26	7,827.73	521.80	62.73	459.07	1.137 Level 2	
16,400.00	7,343.83	16,086.66	7,049.01	275.08	275.43	55.69	-274.95	7,927.68	522.94	58.31	464.64	1.125 Level 2	
16,500.00	7,345.86	16,186.64	7,051.34	278.03	278.38	55.81	-276.63	8,027.62	524.09	53.88	470.21	1.115 Level 2	
16,600.00	7,347.89	16,286.63	7,053.67	280.98	281.34	55.94	-278.32	8,127.57	525.24	49.44	475.79	1.104 Level 2	
16,700.00	7,349.92	16,386.62	7,055.99	283.93	284.29	56.06	-280.00	8,227.51	526.39	45.00	481.39	1.093 Level 2	
16,800.00	7,351.94	16,486.60	7,058.32	286.88	287.24	56.19	-281.69	8,327.46	527.54	40.55	486.99	1.083 Level 2	
16,900.00	7,353.97	16,586.59	7,060.65	289.83	290.20	56.31	-283.37	8,427.40	528.70	36.10	492.60	1.073 Level 2	
17,000.00	7,356.00	16,686.58	7,062.98	292.78	293.15	56.43	-285.06	8,527.35	529.86	31.64	498.22	1.064 Level 2	
17,100.00	7,358.03	16,786.56	7,065.31	295.74	296.11	56.55	-286.74	8,627.29	531.02	27.17	503.84	1.054 Level 2	
17,200.00	7,360.06	16,886.55	7,067.64	298.69	299.07	56.67	-288.43	8,727.24	532.18	22.70	509.48	1.045 Level 2	
17,300.00	7,362.09	16,986.54	7,069.96	301.64	302.02	56.80	-290.11	8,827.19	533.35	18.22	515.12	1.035 Level 2	
17,400.00	7,364.12	17,086.52	7,072.29	304.59	304.98	56.92	-291.79	8,927.13	534.52	13.74	520.78	1.026 Level 2	
17,500.00	7,366.14	17,186.51	7,074.62	307.54	307.93	57.04	-293.48	9,027.08	535.69	9.25	526.43	1.018 Level 2	
17,600.00	7,368.17	17,286.50	7,076.95	310.50	310.89	57.16	-295.16	9,127.02	536.86	4.76	532.10	1.009 Level 2	
17,640.78	7,369.00	17,327.28	7,077.90	311.70	312.10	57.20	-295.85	9,167.78	537.34	2.92	534.42	1.005 Level 2, ES, 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	-179.19	-19.68	-0.28	19.68				
100.00	100.00	100.00	100.00	3.28	3.28	-179.19	-19.68	-0.28	19.68	12.15	7.53	2.614	
200.00	200.00	200.00	200.00	3.30	3.30	-179.19	-19.68	-0.28	19.68	12.11	7.57	2.600	
200.00	200.00	200.00	200.00	3.30	3.30	-179.19	-19.68	-0.28	19.68	12.11	7.57	2.600	CC
300.00	300.00	299.99	299.98	3.34	3.34	-95.18	-19.69	-0.71	19.73	12.08	7.65	2.579	
400.00	399.93	399.96	399.89	3.41	3.41	-95.14	-19.77	-4.20	20.18	12.41	7.77	2.596	
500.00	499.68	499.93	499.61	3.49	3.49	-95.07	-19.92	-11.17	21.07	13.12	7.94	2.653	
600.00	599.13	599.89	599.02	3.60	3.60	-94.97	-20.16	-21.61	22.40	14.23	8.17	2.743	
700.00	698.15	699.84	698.00	3.75	3.75	-94.84	-20.48	-35.51	24.17	15.71	8.45	2.859	
800.00	796.63	799.78	796.41	3.93	3.93	-94.71	-20.87	-52.86	26.38	17.56	8.82	2.991	
900.00	894.44	899.70	894.15	4.16	4.16	-94.57	-21.34	-73.62	29.02	19.75	9.28	3.129	
1,000.00	991.67	1,000.37	991.21	4.43	4.44	-93.72	-21.88	-97.36	32.02	22.19	9.83	3.257	
1,100.00	1,088.87	1,100.42	1,088.20	4.74	4.75	-92.57	-22.43	-121.53	35.06	24.61	10.45	3.355	
1,200.00	1,186.06	1,199.54	1,185.18	5.08	5.10	-91.60	-22.98	-145.71	38.11	26.99	11.12	3.428	
1,300.00	1,283.26	1,300.51	1,282.16	5.43	5.46	-90.78	-23.52	-169.88	41.18	29.34	11.84	3.478	
1,400.00	1,380.45	1,400.56	1,379.14	5.81	5.85	-90.06	-24.07	-194.05	44.25	31.66	12.59	3.515	
1,500.00	1,477.65	1,500.61	1,476.13	6.19	6.25	-89.45	-24.62	-218.23	47.32	33.96	13.36	3.541	
1,600.00	1,574.85	1,600.66	1,573.11	6.59	6.66	-88.90	-25.17	-242.40	50.40	36.24	14.17	3.558	
1,700.00	1,672.04	1,700.71	1,670.09	7.00	7.08	-88.42	-25.72	-266.58	53.49	38.51	14.98	3.570	
1,800.00	1,769.24	1,800.76	1,767.07	7.23	7.31	-87.99	-26.27	-290.75	56.58	41.52	15.06	3.757	
1,900.00	1,866.43	1,900.80	1,864.06	7.30	7.38	-87.61	-26.82	-314.93	59.67	44.48	15.19	3.929	
2,000.00	1,963.63	2,000.85	1,961.04	7.39	7.48	-87.26	-27.37	-339.10	62.76	47.38	15.38	4.081	
2,100.00	2,060.83	2,100.90	2,058.02	7.52	7.62	-86.95	-27.91	-363.27	65.86	50.23	15.63	4.214	
2,200.00	2,158.02	2,200.95	2,155.00	7.67	7.78	-86.67	-28.46	-387.45	68.96	53.02	15.93	4.328	
2,300.00	2,255.22	2,301.00	2,251.99	7.85	7.96	-86.40	-29.01	-411.62	72.05	55.76	16.29	4.423	
2,400.00	2,352.42	2,401.05	2,348.97	8.05	8.17	-86.17	-29.56	-435.80	75.15	58.46	16.70	4.501	
2,500.00	2,449.61	2,501.09	2,445.95	8.28	8.41	-85.95	-30.11	-459.97	78.26	61.11	17.15	4.564	
2,600.00	2,546.81	2,601.14	2,542.93	8.53	8.67	-85.74	-30.66	-484.14	81.36	63.72	17.64	4.612	
2,700.00	2,644.00	2,701.19	2,639.92	8.79	8.94	-85.55	-31.21	-508.32	84.46	66.29	18.17	4.648	
2,800.00	2,741.20	2,801.24	2,736.90	9.08	9.23	-85.38	-31.75	-532.49	87.57	68.83	18.74	4.674	
2,900.00	2,838.40	2,901.29	2,833.88	9.37	9.54	-85.22	-32.30	-556.67	90.67	71.34	19.33	4.690	
3,000.00	2,935.59	2,998.66	2,930.86	9.69	9.86	-85.06	-32.85	-580.84	93.78	73.83	19.95	4.701	
3,100.00	3,032.79	3,098.61	3,027.85	10.01	10.20	-84.92	-33.40	-605.02	96.89	76.29	20.60	4.704	
3,200.00	3,129.98	3,201.43	3,124.83	10.35	10.56	-84.79	-33.95	-629.19	99.99	78.71	21.28	4.699	
3,300.00	3,227.18	3,301.48	3,221.81	10.70	10.92	-84.66	-34.50	-653.36	103.10	81.13	21.97	4.692	
3,400.00	3,324.38	3,401.53	3,318.79	11.06	11.29	-84.54	-35.05	-677.54	106.21	83.52	22.69	4.681	
3,500.00	3,421.57	3,501.58	3,415.78	11.42	11.67	-84.43	-35.59	-701.71	109.32	85.90	23.42	4.668	
3,600.00	3,518.77	3,601.63	3,512.76	11.80	12.05	-84.33	-36.14	-725.89	112.43	88.26	24.16	4.652	
3,700.00	3,615.96	3,701.68	3,609.74	12.18	12.45	-84.23	-36.69	-750.06	115.53	90.61	24.93	4.635	
3,800.00	3,713.16	3,798.27	3,706.72	12.57	12.83	-84.13	-37.24	-774.24	118.64	92.96	25.68	4.619	
3,900.00	3,810.36	3,901.77	3,803.71	12.96	13.25	-84.04	-37.79	-798.41	121.75	95.27	26.48	4.597	
4,000.00	3,907.55	4,001.82	3,900.69	13.36	13.67	-83.96	-38.34	-822.58	124.86	97.59	27.28	4.577	
4,100.00	4,004.75	4,101.87	3,997.67	13.76	14.08	-83.88	-38.89	-846.76	127.97	99.89	28.08	4.557	
4,200.00	4,101.95	4,201.92	4,094.65	14.17	14.50	-83.80	-39.43	-870.93	131.09	102.19	28.90	4.536	
4,300.00	4,199.14	4,301.97	4,191.64	14.58	14.93	-83.72	-39.98	-895.11	134.20	104.48	29.72	4.515	
4,400.00	4,296.34	4,402.02	4,288.62	15.00	15.36	-83.65	-40.53	-919.28	137.31	106.76	30.55	4.494	
4,500.00	4,393.53	4,497.93	4,385.60	15.42	15.78	-83.59	-41.08	-943.46	140.42	109.05	31.37	4.476	
4,600.00	4,490.73	4,602.11	4,482.58	15.84	16.23	-83.52	-41.63	-967.63	143.53	111.30	32.23	4.453	
4,700.00	4,587.93	4,697.84	4,579.57	16.27	16.65	-83.46	-42.18	-991.80	146.64	113.58	33.06	4.436	
4,800.00	4,685.12	4,797.79	4,676.55	16.70	17.09	-83.40	-42.73	-1,015.98	149.75	115.84	33.91	4.416	
4,900.00	4,782.32	4,902.26	4,773.53	17.13	17.56	-83.35	-43.27	-1,040.15	152.87	118.07	34.79	4.394	
5,000.00	4,879.51	5,002.31	4,870.51	17.56	18.00	-83.29	-43.82	-1,064.33	155.98	120.32	35.66	4.375	
5,100.00	4,976.71	5,097.64	4,967.50	18.00	18.43	-83.24	-44.37	-1,088.50	159.09	122.59	36.50	4.358	
5,200.00	5,073.91	5,202.41	5,064.48	18.44	18.90	-83.19	-44.92	-1,112.67	162.20	124.81	37.39	4.338	
5,300.00	5,171.10	5,302.45	5,161.46	18.88	19.36	-83.14	-45.47	-1,136.85	165.32	127.05	38.27	4.320	
5,400.00	5,268.30	5,402.50	5,258.44	19.32	19.81	-83.09	-46.02	-1,161.02	168.43	129.28	39.15	4.302	
5,500.00	5,365.49	5,502.55	5,355.43	19.76	20.27	-83.05	-46.57	-1,185.20	171.54	131.51	40.03	4.285	
5,600.00	5,462.69	5,602.60	5,452.41	20.21	20.73	-83.01	-47.11	-1,209.37	174.65	133.74	40.92	4.269	
5,700.00	5,559.89	5,702.65	5,549.39	20.65	21.18	-82.96	-47.66	-1,233.55	177.77	135.96	41.80	4.252	
5,800.00	5,657.08	5,802.70	5,646.37	21.10	21.65	-82.92	-48.21	-1,257.72	180.88	138.19	42.69	4.237	
5,900.00	5,754.28	5,902.75	5,743.36	21.55	22.11	-82.89	-48.76	-1,281.89	183.99	140.41	43.59	4.221	
6,000.00	5,851.47	6,002.79	5,840.34	22.00	22.57	-82.85	-49.31	-1,306.07	187.11	142.62	44.48	4.206	
6,100.00	5,948.67	6,102.84	5,937.32	22.45	23.03	-82.81	-49.86	-1,330.24	190.22	144.84	45.38	4.192	
6,200.00	6,045.87	6,202.89	6,034.30	22.90	23.50	-82.78	-50.41	-1,354.42	193.33	147.05	46.28	4.178	
6,300.00	6,143.06	6,302.94	6,131.29	23.35	23.97	-82.74	-50.95	-1,378.59	196.45	149.27	47.18	4.164	
6,400.00	6,240.26	6,400.26	6,231.80	23.81	24.36	-83.20	-51.53	-1,401.84	199.20	151.14	48.06	4.144	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,337.46	6,505.11	6,336.13	24.26	24.52	-87.74	-52.14	-1,411.01	199.50	150.46	49.03	4.068	
6,514.25	6,351.33	6,519.56	6,350.58	24.31	24.53	-89.04	-52.22	-1,410.93	199.48	150.32	49.16	4.058	
6,600.00	6,435.13	6,603.29	6,433.96	24.60	24.60	-99.13	-52.73	-1,403.98	200.50	150.77	49.73	4.032	
6,700.00	6,534.73	6,696.82	6,525.10	24.75	24.65	157.98	-53.30	-1,383.38	205.62	155.95	49.67	4.140	
6,800.00	6,634.24	6,786.77	6,609.01	24.84	24.73	83.58	-53.83	-1,351.18	214.29	165.25	49.04	4.369	
6,900.00	6,731.20	6,873.73	6,685.04	24.90	24.86	72.98	-54.34	-1,309.11	225.38	177.29	48.10	4.686	
7,000.00	6,823.22	6,958.21	6,752.75	25.00	25.08	66.15	-54.80	-1,258.70	237.73	190.67	47.06	5.052	
7,100.00	6,908.04	7,040.66	6,811.83	25.18	25.42	61.03	-55.22	-1,201.28	250.27	204.12	46.15	5.423	
7,200.00	6,983.56	7,121.46	6,862.06	25.51	25.90	57.09	-55.60	-1,138.06	262.13	216.57	45.56	5.754	
7,300.00	7,047.94	7,200.00	6,902.84	26.05	26.52	54.12	-55.93	-1,070.99	272.64	227.23	45.41	6.004	
7,400.00	7,099.58	7,279.46	6,935.38	26.83	27.32	51.90	-56.21	-998.56	281.26	235.41	45.84	6.135	
7,500.00	7,137.21	7,357.23	6,958.26	27.88	28.26	50.41	-56.43	-924.28	287.63	240.77	46.86	6.138	
7,600.00	7,159.91	7,434.54	6,971.85	29.17	29.32	49.54	-56.61	-848.22	291.50	243.04	48.46	6.016	
7,700.00	7,167.34	7,516.62	6,976.47	30.64	30.57	49.29	-56.73	-766.31	292.69	242.10	50.59	5.786	
7,800.00	7,169.37	7,616.62	6,978.62	32.29	32.25	49.31	-56.87	-666.34	292.64	239.50	53.13	5.508	
7,900.00	7,171.40	7,716.62	6,980.76	34.12	34.10	49.33	-57.00	-566.36	292.59	236.64	55.95	5.229	
8,000.00	7,173.43	7,816.62	6,982.91	36.10	36.11	49.35	-57.14	-466.38	292.54	233.53	59.01	4.958	
8,100.00	7,175.46	7,916.62	6,985.06	38.21	38.23	49.38	-57.27	-366.41	292.50	230.23	62.26	4.698	
8,200.00	7,177.48	8,016.62	6,987.21	40.42	40.47	49.40	-57.40	-266.43	292.45	226.76	65.69	4.452	
8,300.00	7,179.51	8,116.62	6,989.36	42.73	42.79	49.42	-57.54	-166.45	292.40	223.14	69.26	4.222	
8,400.00	7,181.54	8,216.62	6,991.51	45.11	45.19	49.45	-57.67	-66.48	292.35	219.39	72.96	4.007	
8,500.00	7,183.57	8,316.62	6,993.66	47.56	47.65	49.47	-57.81	33.50	292.31	215.54	76.77	3.808	
8,600.00	7,185.60	8,416.62	6,995.80	50.06	50.16	49.49	-57.94	133.48	292.26	211.59	80.67	3.623	
8,700.00	7,187.63	8,516.62	6,997.95	52.61	52.72	49.52	-58.07	233.45	292.21	207.57	84.64	3.452	
8,800.00	7,189.66	8,616.62	7,000.10	55.21	55.32	49.54	-58.21	333.43	292.16	203.47	88.69	3.294	
8,900.00	7,191.68	8,716.62	7,002.25	57.84	57.96	49.56	-58.34	433.41	292.12	199.32	92.80	3.148	
9,000.00	7,193.71	8,816.62	7,004.40	60.50	60.63	49.58	-58.48	533.38	292.07	195.11	96.97	3.012	
9,100.00	7,195.74	8,916.62	7,006.55	63.18	63.32	49.61	-58.61	633.36	292.02	190.85	101.18	2.886	
9,200.00	7,197.77	9,016.62	7,008.69	65.89	66.04	49.63	-58.74	733.34	291.98	186.55	105.43	2.769	
9,300.00	7,199.80	9,116.62	7,010.84	68.62	68.77	49.65	-58.88	833.31	291.93	182.21	109.72	2.661	
9,400.00	7,201.83	9,216.62	7,012.99	71.37	71.53	49.68	-59.01	933.29	291.88	177.84	114.04	2.559	
9,500.00	7,203.86	9,316.62	7,015.14	74.14	74.30	49.70	-59.15	1,033.27	291.84	173.44	118.39	2.465	
9,600.00	7,205.88	9,416.62	7,017.29	76.92	77.09	49.72	-59.28	1,133.24	291.79	169.02	122.77	2.377	
9,700.00	7,207.91	9,516.62	7,019.44	79.71	79.88	49.75	-59.42	1,233.22	291.74	164.57	127.18	2.294	
9,800.00	7,209.94	9,616.62	7,021.58	82.52	82.69	49.77	-59.55	1,333.20	291.70	160.09	131.61	2.216	
9,900.00	7,211.97	9,716.62	7,023.73	85.33	85.51	49.79	-59.68	1,433.17	291.65	155.60	136.05	2.144	
10,000.00	7,214.00	9,816.62	7,025.88	88.16	88.34	49.82	-59.82	1,533.15	291.60	151.08	140.52	2.075	
10,100.00	7,216.03	9,916.62	7,028.03	90.99	91.18	49.84	-59.95	1,633.13	291.56	146.55	145.00	2.011	
10,200.00	7,218.06	10,016.62	7,030.18	93.84	94.03	49.86	-60.09	1,733.10	291.51	142.01	149.51	1.950	
10,300.00	7,220.09	10,116.62	7,032.33	96.69	96.88	49.88	-60.22	1,833.08	291.46	137.44	154.02	1.892	
10,400.00	7,222.11	10,216.62	7,034.48	99.54	99.74	49.91	-60.35	1,933.06	291.42	132.87	158.55	1.838	
10,500.00	7,224.14	10,316.62	7,036.62	102.41	102.60	49.93	-60.49	2,033.03	291.37	128.28	163.09	1.787	
10,600.00	7,226.17	10,416.62	7,038.77	105.27	105.47	49.95	-60.62	2,133.01	291.33	123.68	167.65	1.738	
10,700.00	7,228.20	10,516.62	7,040.92	108.15	108.35	49.98	-60.76	2,232.99	291.28	119.07	172.21	1.691	
10,800.00	7,230.23	10,616.62	7,043.07	111.02	111.23	50.00	-60.89	2,332.96	291.23	114.45	176.79	1.647	
10,900.00	7,232.26	10,716.62	7,045.22	113.91	114.11	50.02	-61.02	2,432.94	291.19	109.81	181.37	1.605	
11,000.00	7,234.29	10,816.62	7,047.37	116.79	117.00	50.05	-61.16	2,532.92	291.14	105.17	185.97	1.566	
11,100.00	7,236.31	10,916.62	7,049.51	119.68	119.89	50.07	-61.29	2,632.90	291.10	100.52	190.58	1.527	
11,200.00	7,238.34	11,016.62	7,051.66	122.58	122.79	50.09	-61.43	2,732.87	291.05	95.86	195.19	1.491 Level 3	
11,300.00	7,240.37	11,116.62	7,053.81	125.47	125.68	50.12	-61.56	2,832.85	291.00	91.19	199.81	1.456 Level 3	
11,400.00	7,242.40	11,216.62	7,055.96	128.37	128.59	50.14	-61.69	2,932.83	290.96	86.52	204.44	1.423 Level 3	
11,500.00	7,244.43	11,316.62	7,058.11	131.27	131.49	50.16	-61.83	3,032.80	290.91	81.83	209.08	1.391 Level 3	
11,600.00	7,246.46	11,416.62	7,060.26	134.18	134.40	50.19	-61.96	3,132.78	290.87	77.14	213.72	1.361 Level 3	
11,700.00	7,248.49	11,516.62	7,062.40	137.09	137.31	50.21	-62.10	3,232.76	290.82	72.45	218.38	1.332 Level 3	
11,800.00	7,250.51	11,616.62	7,064.55	140.00	140.22	50.23	-62.23	3,332.73	290.78	67.74	223.03	1.304 Level 3	
11,900.00	7,252.54	11,716.62	7,066.70	142.91	143.13	50.26	-62.36	3,432.71	290.73	63.03	227.70	1.277 Level 3	
12,000.00	7,254.57	11,816.62	7,068.85	145.82	146.05	50.28	-62.50	3,532.69	290.68	58.32	232.37	1.251 Level 3	
12,100.00	7,256.60	11,916.62	7,071.00	148.74	148.96	50.30	-62.63	3,632.66	290.64	53.59	237.05	1.226 Level 2	
12,200.00	7,258.63	12,016.62	7,073.15	151.66	151.88	50.33	-62.77	3,732.64	290.59	48.87	241.73	1.202 Level 2	
12,300.00	7,260.66	12,116.62	7,075.30	154.58	154.80	50.35	-62.90	3,832.62	290.55	44.13	246.42	1.179 Level 2	
12,400.00	7,262.69	12,216.62	7,077.44	157.50	157.72	50.37	-63.04	3,932.59	290.50	39.39	251.11	1.157 Level 2	
12,500.00	7,264.71	12,316.62	7,079.59	160.42	160.65	50.40	-63.17	4,032.57	290.46	34.65	255.81	1.135 Level 2	
12,600.00	7,266.74	12,416.62	7,081.74	163.35	163.57	50.42	-63.30	4,132.55	290.41	29.90	260.51	1.115 Level 2	
12,700.00	7,268.77	12,516.61	7,083.89	166.27	166.50	50.44	-63.44	4,232.52	290.37	25.14	265.22	1.095 Level 2	
12,800.00	7,270.80	12,616.61	7,086.04	169.20	169.43	50.47	-63.57	4,332.50	290.32	20.39	269.94	1.076 Level 2	
12,900.00	7,272.83	12,716.61	7,088.19	172.13	172.36	50.49	-63.71	4,432.48	290.28	15.62	274.66	1.057 Level 2	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,000.00	7,274.86	12,816.61	7,090.33	175.06	175.29	50.51	-63.84	4,532.45	290.23	10.85	279.38	1.039	Level 2
13,100.00	7,276.89	12,916.61	7,092.48	177.99	178.22	50.54	-63.97	4,632.43	290.19	6.08	284.11	1.021	Level 2
13,200.00	7,278.91	13,016.61	7,094.63	180.92	181.15	50.56	-64.11	4,732.41	290.14	1.30	288.84	1.005	Level 2
13,300.00	7,280.94	13,116.61	7,096.78	183.85	184.08	50.58	-64.24	4,832.38	290.10	-3.48	293.58	0.988	Level 1
13,400.00	7,282.97	13,216.61	7,098.93	186.78	187.02	50.61	-64.38	4,932.36	290.05	-8.27	298.32	0.972	Level 1
13,500.00	7,285.00	13,316.61	7,101.08	189.72	189.95	50.63	-64.51	5,032.34	290.01	-13.06	303.06	0.957	Level 1
13,600.00	7,287.03	13,416.61	7,103.23	192.65	192.89	50.65	-64.64	5,132.31	289.96	-17.85	307.81	0.942	Level 1
13,700.00	7,289.06	13,516.61	7,105.37	195.59	195.83	50.68	-64.78	5,232.29	289.92	-22.65	312.57	0.928	Level 1
13,800.00	7,291.09	13,616.61	7,107.52	198.53	198.76	50.70	-64.91	5,332.27	289.87	-27.45	317.33	0.913	Level 1
13,900.00	7,293.11	13,716.61	7,109.67	201.46	201.70	50.72	-65.05	5,432.24	289.83	-32.26	322.09	0.900	Level 1
14,000.00	7,295.14	13,816.61	7,111.82	204.40	204.64	50.75	-65.18	5,532.22	289.78	-37.07	326.86	0.887	Level 1
14,100.00	7,297.17	13,916.61	7,113.97	207.34	207.58	50.77	-65.31	5,632.20	289.74	-41.89	331.63	0.874	Level 1
14,200.00	7,299.20	14,016.61	7,116.12	210.28	210.52	50.79	-65.45	5,732.17	289.69	-46.70	336.40	0.861	Level 1
14,300.00	7,301.23	14,116.61	7,118.26	213.22	213.46	50.82	-65.58	5,832.15	289.65	-51.53	341.18	0.849	Level 1
14,400.00	7,303.26	14,216.61	7,120.41	216.16	216.40	50.84	-65.72	5,932.13	289.61	-56.35	345.96	0.837	Level 1
14,500.00	7,305.29	14,316.61	7,122.56	219.10	219.35	50.86	-65.85	6,032.10	289.56	-61.18	350.74	0.826	Level 1
14,600.00	7,307.31	14,416.61	7,124.71	222.05	222.29	50.89	-65.99	6,132.08	289.52	-66.02	355.53	0.814	Level 1
14,700.00	7,309.34	14,516.61	7,126.86	224.99	225.23	50.91	-66.12	6,232.06	289.47	-70.85	360.32	0.803	Level 1
14,800.00	7,311.37	14,616.61	7,129.01	227.93	228.17	50.93	-66.25	6,332.04	289.43	-75.69	365.12	0.793	Level 1
14,900.00	7,313.40	14,716.61	7,131.15	230.88	231.12	50.96	-66.39	6,432.01	289.38	-80.54	369.92	0.782	Level 1
15,000.00	7,315.43	14,816.61	7,133.30	233.82	234.06	50.98	-66.52	6,531.99	289.34	-85.38	374.72	0.772	Level 1
15,100.00	7,317.46	14,916.61	7,135.45	236.76	237.01	51.00	-66.66	6,631.97	289.30	-90.23	379.53	0.762	Level 1
15,200.00	7,319.49	15,016.61	7,137.60	239.71	239.95	51.03	-66.79	6,731.94	289.25	-95.09	384.34	0.753	Level 1
15,300.00	7,321.52	15,116.61	7,139.75	242.66	242.90	51.05	-66.92	6,831.92	289.21	-99.95	389.15	0.743	Level 1
15,400.00	7,323.54	15,216.61	7,141.90	245.60	245.85	51.07	-67.06	6,931.90	289.16	-104.81	393.97	0.734	Level 1
15,500.00	7,325.57	15,316.61	7,144.05	248.55	248.79	51.10	-67.19	7,031.87	289.12	-109.67	398.79	0.725	Level 1
15,600.00	7,327.60	15,416.61	7,146.19	251.49	251.74	51.12	-67.33	7,131.85	289.08	-114.54	403.61	0.716	Level 1
15,700.00	7,329.63	15,516.61	7,148.34	254.44	254.69	51.14	-67.46	7,231.83	289.03	-119.41	408.44	0.708	Level 1
15,800.00	7,331.66	15,616.61	7,150.49	257.39	257.64	51.17	-67.59	7,331.80	288.99	-124.28	413.27	0.699	Level 1
15,900.00	7,333.69	15,716.61	7,152.64	260.34	260.58	51.19	-67.73	7,431.78	288.95	-129.16	418.11	0.691	Level 1
16,000.00	7,335.72	15,816.61	7,154.79	263.29	263.53	51.22	-67.86	7,531.76	288.90	-134.04	422.94	0.683	Level 1
16,100.00	7,337.74	15,916.61	7,156.94	266.23	266.48	51.24	-68.00	7,631.73	288.86	-138.92	427.78	0.675	Level 1
16,200.00	7,339.77	16,016.61	7,159.08	269.18	269.43	51.26	-68.13	7,731.71	288.82	-143.81	432.63	0.668	Level 1
16,300.00	7,341.80	16,116.61	7,161.23	272.13	272.38	51.29	-68.26	7,831.69	288.77	-148.70	437.47	0.660	Level 1
16,400.00	7,343.83	16,216.61	7,163.38	275.08	275.33	51.31	-68.40	7,931.66	288.73	-153.59	442.32	0.653	Level 1
16,500.00	7,345.86	16,316.61	7,165.53	278.03	278.28	51.33	-68.53	8,031.64	288.68	-158.49	447.17	0.646	Level 1
16,600.00	7,347.89	16,416.61	7,167.68	280.98	281.23	51.36	-68.67	8,131.62	288.64	-163.39	452.03	0.639	Level 1
16,700.00	7,349.92	16,516.61	7,169.83	283.93	284.18	51.38	-68.80	8,231.59	288.60	-168.29	456.89	0.632	Level 1
16,800.00	7,351.94	16,616.61	7,171.97	286.88	287.13	51.40	-68.93	8,331.57	288.56	-173.20	461.75	0.625	Level 1
16,900.00	7,353.97	16,716.61	7,174.12	289.83	290.08	51.43	-69.07	8,431.55	288.51	-178.11	466.62	0.618	Level 1
17,000.00	7,356.00	16,816.61	7,176.27	292.78	293.03	51.45	-69.20	8,531.52	288.47	-183.02	471.49	0.612	Level 1
17,100.00	7,358.03	16,916.61	7,178.42	295.74	295.99	51.47	-69.34	8,631.50	288.43	-187.93	476.36	0.605	Level 1
17,200.00	7,360.06	17,016.61	7,180.57	298.69	298.94	51.50	-69.47	8,731.48	288.38	-192.85	481.23	0.599	Level 1
17,300.00	7,362.09	17,116.61	7,182.72	301.64	301.89	51.52	-69.61	8,831.45	288.34	-197.77	486.11	0.593	Level 1
17,400.00	7,364.12	17,216.61	7,184.87	304.59	304.84	51.55	-69.74	8,931.43	288.30	-202.69	490.99	0.587	Level 1
17,500.00	7,366.14	17,316.61	7,187.01	307.54	307.79	51.57	-69.87	9,031.41	288.25	-207.62	495.87	0.581	Level 1
17,600.00	7,368.17	17,416.61	7,189.16	310.50	310.75	51.59	-70.01	9,131.38	288.21	-212.55	500.76	0.576	Level 1
17,640.78	7,369.00	17,457.40	7,190.04	311.70	311.95	51.60	-70.06	9,172.16	288.19	-214.56	502.76	0.573	Level 1, ES, 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					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	0.00	20.03	0.00	20.03				
100.00	100.00	100.00	100.00	3.28	3.28	0.00	20.03	0.00	20.03	12.51	7.53	2.661	
200.00	200.00	200.00	200.00	3.30	3.30	0.00	20.03	0.00	20.03	12.46	7.57	2.647	
262.02	262.02	262.00	262.00	3.33	3.33	84.89	20.04	-0.02	20.01	12.39	7.62	2.627	CC
300.00	300.00	299.91	299.91	3.34	3.34	84.03	20.14	-0.42	20.09	12.44	7.65	2.626	
400.00	399.93	399.74	399.67	3.41	3.41	84.28	20.99	-3.79	20.58	12.81	7.77	2.648	
500.00	499.68	499.56	499.25	3.49	3.49	84.74	22.70	-10.53	21.56	13.62	7.94	2.715	
600.00	599.13	599.38	598.51	3.60	3.61	85.36	25.25	-20.63	23.04	14.87	8.17	2.821	
700.00	698.15	699.18	697.34	3.75	3.75	86.07	28.65	-34.07	25.00	16.55	8.45	2.957	
800.00	796.63	798.96	795.61	3.93	3.93	86.81	32.90	-50.83	27.45	18.64	8.82	3.113	
900.00	894.44	898.73	893.20	4.16	4.16	87.53	37.97	-70.90	30.40	21.13	9.27	3.279	
1,000.00	991.67	1,001.46	990.10	4.43	4.44	87.13	43.84	-94.08	33.83	24.00	9.83	3.442	
1,100.00	1,088.87	1,101.53	1,086.94	4.74	4.76	85.90	49.89	-118.01	37.40	26.95	10.45	3.579	
1,200.00	1,186.06	1,201.60	1,183.77	5.08	5.10	84.89	55.95	-141.94	40.99	29.87	11.12	3.685	
1,300.00	1,283.26	1,301.66	1,280.61	5.43	5.47	84.05	62.00	-165.87	44.60	32.75	11.84	3.766	
1,400.00	1,380.45	1,401.73	1,377.45	5.81	5.85	83.33	68.06	-189.80	48.20	35.61	12.59	3.828	
1,500.00	1,477.65	1,501.80	1,474.28	6.19	6.25	82.71	74.11	-213.73	51.82	38.45	13.37	3.875	
1,600.00	1,574.85	1,601.86	1,571.12	6.59	6.67	82.17	80.17	-237.66	55.44	41.27	14.17	3.911	
1,700.00	1,672.04	1,701.93	1,667.96	7.00	7.09	81.70	86.22	-261.59	59.07	44.07	14.99	3.940	
1,800.00	1,769.24	1,802.00	1,764.79	7.23	7.32	81.28	92.28	-285.52	62.69	47.63	15.06	4.162	
1,900.00	1,866.43	1,902.06	1,861.63	7.30	7.39	80.91	98.33	-309.44	66.33	51.13	15.19	4.365	
2,000.00	1,963.63	1,997.87	1,958.47	7.39	7.49	80.57	104.39	-333.37	69.96	54.58	15.38	4.549	
2,100.00	2,060.83	2,102.20	2,055.30	7.52	7.63	80.27	110.44	-357.30	73.60	57.96	15.63	4.708	
2,200.00	2,158.02	2,202.26	2,152.14	7.67	7.79	80.00	116.50	-381.23	77.23	61.30	15.94	4.846	
2,300.00	2,255.22	2,302.33	2,248.98	7.85	7.98	79.75	122.55	-405.16	80.87	64.58	16.29	4.964	
2,400.00	2,352.42	2,402.40	2,345.81	8.05	8.20	79.53	128.61	-429.09	84.52	67.82	16.70	5.061	
2,500.00	2,449.61	2,502.47	2,442.65	8.28	8.44	79.32	134.66	-453.02	88.16	71.01	17.15	5.140	
2,600.00	2,546.81	2,602.53	2,539.49	8.53	8.70	79.13	140.72	-476.95	91.80	74.16	17.64	5.203	
2,700.00	2,644.00	2,702.60	2,636.32	8.79	8.98	78.95	146.77	-500.88	95.45	77.27	18.17	5.252	
2,800.00	2,741.20	2,802.67	2,733.16	9.08	9.27	78.79	152.83	-524.81	99.09	80.35	18.74	5.288	
2,900.00	2,838.40	2,902.73	2,830.00	9.37	9.59	78.64	158.88	-548.74	102.74	83.40	19.33	5.314	
3,000.00	2,935.59	3,002.80	2,926.83	9.69	9.91	78.49	164.94	-572.67	106.38	86.42	19.96	5.330	
3,100.00	3,032.79	3,102.87	3,023.67	10.01	10.26	78.36	170.99	-596.60	110.03	89.42	20.61	5.339	
3,200.00	3,129.98	3,202.93	3,120.51	10.35	10.61	78.24	177.05	-620.52	113.68	92.39	21.28	5.341	
3,300.00	3,227.18	3,303.00	3,217.34	10.70	10.97	78.12	183.10	-644.45	117.33	95.35	21.98	5.338	
3,400.00	3,324.38	3,403.07	3,314.18	11.06	11.35	78.01	189.16	-668.38	120.97	98.28	22.69	5.331	
3,500.00	3,421.57	3,503.13	3,411.02	11.42	11.73	77.91	195.21	-692.31	124.62	101.20	23.42	5.320	
3,600.00	3,518.77	3,596.80	3,507.86	11.80	12.09	77.81	201.27	-716.24	128.27	104.13	24.15	5.312	
3,700.00	3,615.96	3,696.73	3,604.69	12.18	12.49	77.72	207.32	-740.17	131.92	107.02	24.91	5.296	
3,800.00	3,713.16	3,803.33	3,701.53	12.57	12.92	77.64	213.38	-764.10	135.57	109.87	25.71	5.274	
3,900.00	3,810.36	3,903.40	3,798.37	12.96	13.33	77.55	219.43	-788.03	139.22	112.73	26.49	5.255	
4,000.00	3,907.55	4,003.47	3,895.20	13.36	13.75	77.48	225.49	-811.96	142.87	115.58	27.29	5.235	
4,100.00	4,004.75	4,096.47	3,992.04	13.76	14.14	77.40	231.54	-835.89	146.53	118.46	28.07	5.220	
4,200.00	4,101.95	4,203.60	4,088.88	14.17	14.59	77.33	237.60	-859.82	150.18	121.26	28.91	5.194	
4,300.00	4,199.14	4,303.67	4,185.71	14.58	15.02	77.26	243.65	-883.75	153.83	124.09	29.74	5.173	
4,400.00	4,296.34	4,396.26	4,282.55	15.00	15.42	77.20	249.71	-907.67	157.48	126.94	30.54	5.157	
4,500.00	4,393.53	4,503.80	4,379.39	15.42	15.89	77.14	255.76	-931.60	161.13	129.73	31.41	5.131	
4,600.00	4,490.73	4,603.87	4,476.22	15.84	16.33	77.08	261.82	-955.53	164.78	132.53	32.25	5.110	
4,700.00	4,587.93	4,703.94	4,573.06	16.27	16.77	77.03	267.87	-979.46	168.43	135.33	33.10	5.089	
4,800.00	4,685.12	4,804.00	4,669.90	16.70	17.22	76.97	273.93	-1,003.39	172.09	138.13	33.96	5.068	
4,900.00	4,782.32	4,904.07	4,766.73	17.13	17.67	76.92	279.98	-1,027.32	175.74	140.92	34.82	5.048	
5,000.00	4,879.51	5,004.14	4,863.57	17.56	18.12	76.87	286.04	-1,051.25	179.39	143.71	35.68	5.028	
5,100.00	4,976.71	5,095.80	4,960.41	18.00	18.53	76.82	292.09	-1,075.18	183.04	146.53	36.51	5.013	
5,200.00	5,073.91	5,195.73	5,057.24	18.44	18.99	76.78	298.15	-1,099.11	186.70	149.31	37.39	4.994	
5,300.00	5,171.10	5,295.66	5,154.08	18.88	19.44	76.74	304.20	-1,123.04	190.35	152.09	38.26	4.975	
5,400.00	5,268.30	5,404.40	5,250.92	19.32	19.94	76.69	310.26	-1,146.97	194.00	154.82	39.18	4.951	
5,500.00	5,365.49	5,504.47	5,347.75	19.76	20.40	76.65	316.31	-1,170.90	197.66	157.59	40.07	4.933	
5,600.00	5,462.69	5,595.46	5,444.59	20.21	20.82	76.61	322.37	-1,194.83	201.31	160.40	40.91	4.920	
5,700.00	5,559.89	5,695.40	5,541.43	20.65	21.28	76.58	328.42	-1,218.75	204.96	163.16	41.80	4.903	
5,800.00	5,657.08	5,804.67	5,638.26	21.10	21.79	76.54	334.48	-1,242.68	208.62	165.88	42.74	4.882	
5,900.00	5,754.28	5,904.74	5,735.10	21.55	22.25	76.51	340.53	-1,266.61	212.27	168.64	43.63	4.865	
6,000.00	5,851.47	6,004.80	5,831.94	22.00	22.72	76.47	346.59	-1,290.54	215.92	171.40	44.53	4.849	
6,100.00	5,948.67	6,095.13	5,928.78	22.45	23.14	76.44	352.64	-1,314.47	219.58	174.20	45.38	4.838	
6,200.00	6,045.87	6,204.94	6,025.61	22.90	23.65	76.41	358.70	-1,338.40	223.23	176.90	46.33	4.819	
6,300.00	6,143.06	6,305.01	6,122.45	23.35	24.12	76.38	364.75	-1,362.33	226.88	179.65	47.23	4.804	
6,400.00	6,240.26	6,394.93	6,219.29	23.81	24.55	76.35	370.81	-1,386.26	230.54	182.45	48.09	4.794	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,337.46	6,498.05	6,319.78	24.26	24.91	76.98	377.00	-1,408.29	233.81	184.85	48.96	4.775	
6,600.00	6,435.13	6,601.30	6,422.52	24.60	25.07	77.42	382.85	-1,415.32	235.71	185.93	49.78	4.735	
6,700.00	6,534.73	6,701.67	6,522.23	24.75	25.15	-13.20	388.01	-1,406.14	238.12	187.86	50.25	4.738	
6,800.00	6,634.24	6,799.55	6,616.93	24.84	25.22	-76.21	392.43	-1,382.22	241.16	190.67	50.49	4.776	
6,900.00	6,731.20	6,895.15	6,704.86	24.90	25.31	-76.62	396.06	-1,345.10	244.65	194.08	50.57	4.838	
7,000.00	6,823.22	6,988.72	6,784.63	25.00	25.48	-74.58	398.88	-1,296.43	248.36	197.77	50.59	4.909	
7,100.00	6,908.04	7,080.50	6,855.15	25.18	25.76	-72.18	400.88	-1,237.84	252.01	201.35	50.66	4.975	
7,200.00	6,983.56	7,170.76	6,915.61	25.51	26.20	-69.89	402.06	-1,170.94	255.33	204.42	50.91	5.015	
7,300.00	7,047.94	7,259.72	6,965.38	26.05	26.82	-67.86	402.45	-1,097.29	258.05	206.59	51.46	5.014	
7,400.00	7,099.58	7,347.63	7,004.04	26.83	27.63	-66.16	402.06	-1,018.41	259.94	207.51	52.43	4.958	
7,500.00	7,137.21	7,434.72	7,031.29	27.88	28.64	-64.84	400.93	-935.77	260.82	206.96	53.87	4.842	
7,600.00	7,159.91	7,521.21	7,046.96	29.17	29.81	-63.90	399.09	-850.81	260.54	204.79	55.76	4.673	
7,700.00	7,167.34	7,611.61	7,051.64	30.64	31.18	-63.40	396.49	-760.61	258.86	200.74	58.13	4.453	
7,800.00	7,169.37	7,711.56	7,053.74	32.29	32.86	-63.12	393.44	-660.73	256.19	195.15	61.04	4.197	
7,900.00	7,171.40	7,811.52	7,055.85	34.12	34.71	-62.83	390.38	-560.84	253.51	189.27	64.24	3.946	
8,000.00	7,173.43	7,911.47	7,057.95	36.10	36.72	-62.54	387.33	-460.95	250.85	183.16	67.69	3.706	
8,100.00	7,175.46	8,011.43	7,060.05	38.21	38.84	-62.24	384.28	-361.06	248.19	176.85	71.34	3.479	
8,200.00	7,177.48	8,111.39	7,062.15	40.42	41.08	-61.93	381.23	-261.18	245.54	170.39	75.15	3.267	
8,300.00	7,179.51	8,211.34	7,064.25	42.73	43.40	-61.62	378.17	-161.29	242.90	163.80	79.09	3.071	
8,400.00	7,181.54	8,311.30	7,066.35	45.11	45.80	-61.30	375.12	-61.40	240.26	157.12	83.14	2.890	
8,500.00	7,183.57	8,411.25	7,068.46	47.56	48.26	-60.97	372.07	38.49	237.63	150.35	87.28	2.723	
8,600.00	7,185.60	8,511.21	7,070.56	50.06	50.78	-60.64	369.01	138.37	235.01	143.53	91.48	2.569	
8,700.00	7,187.63	8,611.17	7,072.66	52.61	53.34	-60.30	365.96	238.26	232.39	136.67	95.73	2.428	
8,800.00	7,189.66	8,711.12	7,074.76	55.21	55.94	-59.95	362.91	338.15	229.79	129.77	100.02	2.298	
8,900.00	7,191.68	8,811.08	7,076.86	57.84	58.58	-59.59	359.85	438.04	227.19	122.87	104.33	2.178	
9,000.00	7,193.71	8,911.04	7,078.96	60.50	61.25	-59.22	356.80	537.92	224.61	115.95	108.65	2.067	
9,100.00	7,195.74	9,010.99	7,081.07	63.18	63.95	-58.85	353.75	637.81	222.03	109.05	112.98	1.965	
9,200.00	7,197.77	9,110.95	7,083.17	65.89	66.67	-58.47	350.70	737.70	219.46	102.15	117.31	1.871	
9,300.00	7,199.80	9,210.90	7,085.27	68.62	69.41	-58.07	347.64	837.59	216.90	95.28	121.63	1.783	
9,400.00	7,201.83	9,310.86	7,087.37	71.37	72.16	-57.67	344.59	937.47	214.36	88.43	125.92	1.702	
9,500.00	7,203.86	9,410.82	7,089.47	74.14	74.94	-57.26	341.54	1,037.36	211.82	81.62	130.20	1.627	
9,600.00	7,205.88	9,510.77	7,091.57	76.92	77.73	-56.84	338.48	1,137.25	209.29	74.85	134.44	1.557	
9,700.00	7,207.91	9,610.73	7,093.68	79.71	80.53	-56.41	335.43	1,237.14	206.78	68.13	138.65	1.491 Level 3	
9,800.00	7,209.94	9,710.68	7,095.78	82.52	83.34	-55.97	332.38	1,337.02	204.28	61.46	142.81	1.430 Level 3	
9,900.00	7,211.97	9,810.64	7,097.88	85.33	86.16	-55.51	329.33	1,436.91	201.79	54.86	146.93	1.373 Level 3	
10,000.00	7,214.00	9,910.60	7,099.98	88.16	89.00	-55.05	326.27	1,536.80	199.31	48.31	151.00	1.320 Level 3	
10,100.00	7,216.03	10,010.55	7,102.08	90.99	91.84	-54.57	323.22	1,636.68	196.85	41.84	155.01	1.270 Level 3	
10,200.00	7,218.06	10,110.51	7,104.18	93.84	94.69	-54.09	320.17	1,736.57	194.40	35.45	158.95	1.223 Level 2	
10,300.00	7,220.09	10,210.47	7,106.29	96.69	97.55	-53.59	317.11	1,836.46	191.97	29.13	162.83	1.179 Level 2	
10,400.00	7,222.11	10,310.42	7,108.39	99.54	100.41	-53.07	314.06	1,936.35	189.55	22.91	166.64	1.137 Level 2	
10,500.00	7,224.14	10,410.38	7,110.49	102.41	103.28	-52.55	311.01	2,036.23	187.14	16.78	170.36	1.098 Level 2	
10,600.00	7,226.17	10,510.33	7,112.59	105.27	106.15	-52.01	307.95	2,136.12	184.75	10.75	174.00	1.062 Level 2	
10,700.00	7,228.20	10,610.29	7,114.69	108.15	109.03	-51.45	304.90	2,236.01	182.38	4.83	177.55	1.027 Level 2	
10,800.00	7,230.23	10,710.25	7,116.79	111.02	111.92	-50.89	301.85	2,335.90	180.03	-0.98	181.01	0.995 Level 1	
10,900.00	7,232.26	10,810.20	7,118.90	113.91	114.81	-50.30	298.80	2,435.78	177.69	-6.67	184.36	0.964 Level 1	
11,000.00	7,234.29	10,910.16	7,121.00	116.79	117.70	-49.70	295.74	2,535.67	175.38	-12.23	187.60	0.935 Level 1	
11,100.00	7,236.31	11,010.11	7,123.10	119.68	120.60	-49.09	292.69	2,635.56	173.08	-17.65	190.73	0.907 Level 1	
11,200.00	7,238.34	11,110.07	7,125.20	122.58	123.50	-48.46	289.64	2,735.45	170.80	-22.94	193.74	0.882 Level 1	
11,300.00	7,240.37	11,210.03	7,127.30	125.47	126.40	-47.81	286.58	2,835.33	168.55	-28.07	196.62	0.857 Level 1	
11,400.00	7,242.40	11,309.98	7,129.40	128.37	129.31	-47.14	283.53	2,935.22	166.31	-33.05	199.37	0.834 Level 1	
11,500.00	7,244.43	11,409.94	7,131.50	131.27	132.21	-46.46	280.48	3,035.11	164.10	-37.86	201.97	0.813 Level 1	
11,600.00	7,246.46	11,509.90	7,133.61	134.18	135.13	-45.76	277.43	3,135.00	161.92	-42.50	204.42	0.792 Level 1	
11,700.00	7,248.49	11,609.85	7,135.71	137.09	138.04	-45.04	274.37	3,234.88	159.76	-46.95	206.71	0.773 Level 1	
11,800.00	7,250.51	11,709.81	7,137.81	140.00	140.96	-44.29	271.32	3,334.77	157.62	-51.21	208.84	0.755 Level 1	
11,900.00	7,252.54	11,809.76	7,139.91	142.91	143.88	-43.53	268.27	3,434.66	155.51	-55.27	210.79	0.738 Level 1	
12,000.00	7,254.57	11,909.72	7,142.01	145.82	146.80	-42.75	265.21	3,534.55	153.43	-59.12	212.55	0.722 Level 1	
12,100.00	7,256.60	12,009.68	7,144.11	148.74	149.72	-41.95	262.16	3,634.43	151.38	-62.75	214.13	0.707 Level 1	
12,200.00	7,258.63	12,109.63	7,146.22	151.66	152.64	-41.12	259.11	3,734.32	149.36	-66.14	215.51	0.693 Level 1	
12,300.00	7,260.66	12,209.59	7,148.32	154.58	155.57	-40.27	256.06	3,834.21	147.38	-69.29	216.67	0.680 Level 1	
12,400.00	7,262.69	12,309.54	7,150.42	157.50	158.50	-39.40	253.00	3,934.10	145.42	-72.20	217.62	0.668 Level 1	
12,500.00	7,264.71	12,409.50	7,152.52	160.42	161.43	-38.51	249.95	4,033.98	143.50	-74.84	218.34	0.657 Level 1	
12,600.00	7,266.74	12,509.46	7,154.62	163.35	164.36	-37.59	246.90	4,133.87	141.62	-77.20	218.82	0.647 Level 1	
12,700.00	7,268.77	12,609.41	7,156.72	166.27	167.29	-36.65	243.84	4,233.76	139.77	-79.29	219.06	0.638 Level 1	
12,800.00	7,270.80	12,709.37	7,158.83	169.20	170.22	-35.68	240.79	4,333.64	137.96	-81.08	219.05	0.630 Level 1	
12,900.00	7,272.83	12,809.32	7,160.93	172.13	173.16	-34.69	237.74	4,433.53	136.20	-82.58	218.77	0.623 Level 1	
13,000.00	7,274.86	12,909.28	7,163.03	175.06	176.09	-33.67	234.68	4,533.42	134.47	-83.76	218.23	0.616 Level 1	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
13,100.00	7,276.89	13,009.24	7,165.13	177.99	179.03	-32.62	231.63	4,633.31	132.79	-84.62	217.41	0.611	Level 1
13,200.00	7,278.91	13,109.19	7,167.23	180.92	181.97	-31.55	228.58	4,733.19	131.15	-85.17	216.32	0.606	Level 1
13,300.00	7,280.94	13,209.15	7,169.33	183.85	184.91	-30.45	225.53	4,833.08	129.56	-85.38	214.94	0.603	Level 1
13,400.00	7,282.97	13,309.11	7,171.44	186.78	187.85	-29.33	222.47	4,932.97	128.02	-85.26	213.28	0.600	Level 1
13,500.00	7,285.00	13,409.06	7,173.54	189.72	190.79	-28.18	219.42	5,032.86	126.53	-84.80	211.33	0.599	Level 1
13,600.00	7,287.03	13,509.02	7,175.64	192.65	193.73	-27.00	216.37	5,132.74	125.09	-84.01	209.10	0.598	Level 1
13,700.00	7,289.06	13,608.97	7,177.74	195.59	196.67	-25.79	213.31	5,232.63	123.71	-82.89	206.59	0.599	Level 1
13,800.00	7,291.09	13,708.93	7,179.84	198.53	199.61	-24.56	210.26	5,332.52	122.38	-81.44	203.82	0.600	Level 1
13,899.06	7,293.10	13,806.42	7,181.90	201.44	202.48	-23.94	208.70	5,429.97	121.70	-82.19	203.88	0.597	Level 1
13,900.00	7,293.11	13,807.34	7,181.91	201.46	202.50	-23.94	208.70	5,430.89	121.70	-82.22	203.91	0.597	Level 1
14,000.00	7,295.14	13,905.61	7,183.99	204.40	205.37	-24.77	210.50	5,529.11	122.42	-88.40	210.81	0.581	Level 1
14,100.00	7,297.17	14,004.90	7,186.09	207.34	208.25	-26.70	214.98	5,628.28	124.34	-98.90	223.24	0.557	Level 1
14,200.00	7,299.20	14,104.78	7,188.20	210.28	211.16	-28.66	219.68	5,728.03	126.49	-109.63	236.12	0.536	Level 1
14,300.00	7,301.23	14,204.67	7,190.31	213.22	214.07	-30.55	224.38	5,827.79	128.79	-120.17	248.95	0.517	Level 1
14,400.00	7,303.26	14,304.55	7,192.42	216.16	216.99	-32.37	229.08	5,927.54	131.22	-130.45	261.67	0.501	Level 1
14,500.00	7,305.29	14,404.44	7,194.53	219.10	219.90	-34.13	233.77	6,027.29	133.78	-140.46	274.23	0.488	Level 1
14,600.00	7,307.31	14,504.32	7,196.65	222.05	222.81	-35.81	238.47	6,127.04	136.46	-150.15	286.61	0.476	Level 1
14,700.00	7,309.34	14,604.21	7,198.76	224.99	225.73	-37.43	243.17	6,226.79	139.25	-159.52	298.77	0.466	Level 1
14,800.00	7,311.37	14,704.09	7,200.87	227.93	228.64	-38.99	247.87	6,326.55	142.15	-168.56	310.71	0.458	Level 1
14,900.00	7,313.40	14,803.98	7,202.98	230.88	231.56	-40.48	252.57	6,426.30	145.15	-177.25	322.41	0.450	Level 1
15,000.00	7,315.43	14,903.86	7,205.09	233.82	234.48	-41.91	257.27	6,526.05	148.25	-185.61	333.87	0.444	Level 1
15,100.00	7,317.46	15,003.75	7,207.20	236.76	237.39	-43.29	261.97	6,625.80	151.44	-193.65	345.08	0.439	Level 1
15,200.00	7,319.49	15,103.63	7,209.32	239.71	240.31	-44.60	266.66	6,725.55	154.70	-201.35	356.06	0.434	Level 1
15,300.00	7,321.52	15,203.52	7,211.43	242.66	243.23	-45.86	271.36	6,825.30	158.05	-208.74	366.79	0.431	Level 1
15,400.00	7,323.54	15,303.40	7,213.54	245.60	246.15	-47.07	276.06	6,925.06	161.47	-215.83	377.30	0.428	Level 1
15,500.00	7,325.57	15,403.29	7,215.65	248.55	249.07	-48.23	280.76	7,024.81	164.96	-222.63	387.59	0.426	Level 1
15,600.00	7,327.60	15,503.17	7,217.76	251.49	251.99	-49.33	285.46	7,124.56	168.51	-229.14	397.66	0.424	Level 1
15,700.00	7,329.63	15,603.06	7,219.87	254.44	254.91	-50.40	290.16	7,224.31	172.12	-235.39	407.52	0.422	Level 1
15,800.00	7,331.66	15,702.94	7,221.99	257.39	257.83	-51.42	294.86	7,324.06	175.79	-241.39	417.19	0.421	Level 1
15,900.00	7,333.69	15,802.83	7,224.10	260.34	260.76	-52.39	299.55	7,423.82	179.52	-247.15	426.66	0.421	Level 1
16,000.00	7,335.72	15,902.71	7,226.21	263.29	263.68	-53.33	304.25	7,523.57	183.29	-252.67	435.96	0.420	Level 1
16,100.00	7,337.74	16,002.60	7,228.32	266.23	266.60	-54.23	308.95	7,623.32	187.11	-257.98	445.09	0.420	Level 1, SF
16,200.00	7,339.77	16,102.48	7,230.43	269.18	269.53	-55.09	313.65	7,723.07	190.98	-263.09	454.06	0.421	Level 1
16,300.00	7,341.80	16,202.37	7,232.54	272.13	272.45	-55.92	318.35	7,822.82	194.88	-268.00	462.88	0.421	Level 1
16,400.00	7,343.83	16,302.25	7,234.65	275.08	275.37	-56.71	323.05	7,922.58	198.83	-272.73	471.55	0.422	Level 1
16,500.00	7,345.86	16,402.14	7,236.77	278.03	278.30	-57.48	327.75	8,022.33	202.81	-277.28	480.09	0.422	Level 1
16,600.00	7,347.89	16,502.02	7,238.88	280.98	281.22	-58.21	332.44	8,122.08	206.82	-281.68	488.50	0.423	Level 1
16,700.00	7,349.92	16,601.90	7,240.99	283.93	284.15	-58.92	337.14	8,221.83	210.87	-285.91	496.79	0.424	Level 1
16,800.00	7,351.94	16,701.79	7,243.10	286.88	287.07	-59.60	341.84	8,321.58	214.95	-290.01	504.96	0.426	Level 1
16,900.00	7,353.97	16,801.67	7,245.21	289.83	290.00	-60.25	346.54	8,421.34	219.06	-293.96	513.03	0.427	Level 1
17,000.00	7,356.00	16,901.56	7,247.32	292.78	292.93	-60.88	351.24	8,521.09	223.20	-297.79	520.99	0.428	Level 1
17,100.00	7,358.03	17,001.44	7,249.44	295.74	295.85	-61.49	355.94	8,620.84	227.36	-301.50	528.86	0.430	Level 1
17,200.00	7,360.06	17,101.33	7,251.55	298.69	298.78	-62.08	360.64	8,720.59	231.55	-305.09	536.64	0.431	Level 1
17,300.00	7,362.09	17,201.21	7,253.66	301.64	301.71	-62.64	365.33	8,820.34	235.76	-308.57	544.33	0.433	Level 1
17,400.00	7,364.12	17,301.10	7,255.77	304.59	304.64	-63.19	370.03	8,920.09	239.99	-311.95	551.94	0.435	Level 1
17,500.00	7,366.14	17,400.98	7,257.88	307.54	307.56	-63.71	374.73	9,019.85	244.25	-315.23	559.47	0.437	Level 1
17,600.00	7,368.17	17,500.87	7,259.99	310.50	310.49	-64.22	379.43	9,119.60	248.52	-318.42	566.94	0.438	Level 1
17,640.78	7,369.00	17,541.61	7,260.85	311.70	311.69	-64.42	381.35	9,160.28	250.27	-319.69	569.96	0.439	Level 1, ES



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	3.00	-3.00	3.28	3.28	71.99	58.65	180.43	189.72					
100.00	100.00	103.00	97.00	3.28	3.28	71.99	58.65	180.43	189.72	182.19	7.53	25.204		
200.00	200.00	203.00	197.00	3.30	3.30	71.99	58.65	180.43	189.72	182.15	7.57	25.064	CC, ES	
200.03	200.03	202.97	197.03	3.30	3.30	71.99	58.65	180.43	189.72	182.15	7.57	25.064		
300.00	300.00	298.28	298.28	3.34	3.34	155.93	58.96	180.16	189.96	182.31	7.65	24.824		
400.00	399.93	400.97	400.90	3.41	3.41	155.38	61.62	177.78	191.76	183.98	7.78	24.659		
500.00	499.68	503.50	503.17	3.49	3.51	154.27	67.02	172.97	195.37	187.42	7.95	24.587		
600.00	599.13	605.78	604.86	3.60	3.62	152.67	75.13	165.75	200.88	192.72	8.16	24.604		
700.00	698.15	707.71	705.76	3.75	3.77	150.66	85.89	156.16	208.42	199.99	8.44	24.705		
800.00	796.63	806.80	803.64	3.93	3.94	148.90	97.46	145.85	218.72	209.95	8.77	24.947		
900.00	894.44	905.81	901.43	4.16	4.14	147.71	109.03	135.55	232.10	222.95	9.15	25.368		
1,000.00	991.67	1,004.55	998.95	4.43	4.35	147.07	120.56	125.27	247.74	238.17	9.58	25.866		
1,100.00	1,088.87	1,103.27	1,096.46	4.74	4.59	146.56	132.09	115.00	263.54	253.50	10.04	26.248		
1,200.00	1,186.06	1,201.99	1,193.96	5.08	4.83	146.12	143.62	104.72	279.34	268.81	10.54	26.511		
1,300.00	1,283.26	1,300.71	1,291.46	5.43	5.10	145.72	155.15	94.45	295.17	284.10	11.06	26.678		
1,400.00	1,380.45	1,400.57	1,388.97	5.81	5.37	145.36	166.68	84.18	311.01	299.39	11.62	26.765		
1,500.00	1,477.65	1,501.85	1,486.47	6.19	5.66	145.03	178.21	73.90	326.85	314.65	12.20	26.787		
1,600.00	1,574.85	1,603.13	1,583.98	6.59	5.96	144.74	189.74	63.63	342.71	329.91	12.80	26.767		
1,700.00	1,672.04	1,704.41	1,681.48	7.00	6.26	144.47	201.27	53.36	358.58	345.16	13.42	26.729		
1,800.00	1,769.24	1,805.69	1,778.99	7.23	6.42	144.22	212.80	43.08	374.45	361.07	13.38	27.993		
1,900.00	1,866.43	1,906.97	1,876.49	7.30	6.46	144.00	224.33	32.81	390.33	376.87	13.46	29.000		
2,000.00	1,963.63	2,008.25	1,974.00	7.39	6.52	143.79	235.86	22.54	406.21	392.62	13.58	29.902		
2,100.00	2,060.83	2,109.53	2,071.50	7.52	6.60	143.60	247.39	12.26	422.10	408.35	13.75	30.696		
2,200.00	2,158.02	2,189.19	2,169.01	7.67	6.68	143.42	258.92	1.99	437.99	424.06	13.93	31.432		
2,300.00	2,255.22	2,287.91	2,266.51	7.85	6.79	143.25	270.45	-8.28	453.89	439.72	14.17	32.027		
2,400.00	2,352.42	2,386.63	2,364.02	8.05	6.92	143.10	281.98	-18.56	469.79	455.34	14.44	32.523		
2,500.00	2,449.61	2,485.35	2,461.52	8.28	7.06	142.95	293.51	-28.83	485.69	470.94	14.75	32.925		
2,600.00	2,546.81	2,584.07	2,559.03	8.53	7.22	142.82	305.04	-39.10	501.60	486.51	15.09	33.242		
2,700.00	2,644.00	2,682.79	2,656.53	8.79	7.39	142.69	316.58	-49.38	517.51	502.05	15.46	33.480		
2,800.00	2,741.20	2,781.51	2,754.04	9.08	7.58	142.57	328.11	-59.65	533.42	517.56	15.85	33.650		
2,900.00	2,838.40	2,880.23	2,851.54	9.37	7.78	142.46	339.64	-69.92	549.33	533.06	16.27	33.759		
3,000.00	2,935.59	2,978.95	2,949.05	9.69	7.98	142.35	351.17	-80.20	565.24	548.53	16.72	33.815		
3,100.00	3,032.79	3,077.67	3,046.55	10.01	8.20	142.25	362.70	-90.47	581.16	563.98	17.18	33.826		
3,200.00	3,129.98	3,176.39	3,144.05	10.35	8.43	142.16	374.23	-100.74	597.08	579.41	17.67	33.798		
3,300.00	3,227.18	3,275.11	3,241.56	10.70	8.67	142.07	385.76	-111.02	613.00	594.83	18.17	33.738		
3,400.00	3,324.38	3,373.83	3,339.06	11.06	8.91	141.98	397.29	-121.29	628.92	610.23	18.69	33.651		
3,500.00	3,421.57	3,472.55	3,436.57	11.42	9.16	141.90	408.82	-131.56	644.84	625.62	19.22	33.542		
3,600.00	3,518.77	3,571.27	3,534.07	11.80	9.42	141.82	420.35	-141.84	660.77	640.99	19.77	33.416		
3,700.00	3,615.96	3,669.99	3,631.58	12.18	9.69	141.75	431.88	-152.11	676.69	656.36	20.34	33.275		
3,800.00	3,713.16	3,768.71	3,729.08	12.57	9.96	141.68	443.41	-162.38	692.62	671.71	20.91	33.122		
3,900.00	3,810.36	3,867.43	3,826.59	12.96	10.23	141.61	454.94	-172.66	708.55	687.05	21.50	32.962		
4,000.00	3,907.55	3,966.15	3,924.09	13.36	10.51	141.55	466.47	-182.93	724.47	702.38	22.09	32.794		
4,100.00	4,004.75	4,064.87	4,021.60	13.76	10.80	141.48	478.00	-193.20	740.40	717.71	22.70	32.623		
4,200.00	4,101.95	4,163.59	4,119.10	14.17	11.09	141.42	489.53	-203.48	756.33	733.02	23.31	32.448		
4,300.00	4,199.14	4,262.31	4,216.61	14.58	11.38	141.37	501.06	-213.75	772.26	748.33	23.93	32.272		
4,400.00	4,296.34	4,361.03	4,314.11	15.00	11.68	141.31	512.59	-224.02	788.19	763.64	24.56	32.096		
4,500.00	4,393.53	4,459.75	4,411.62	15.42	11.98	141.26	524.12	-234.30	804.13	778.93	25.19	31.919		
4,600.00	4,490.73	4,558.47	4,509.12	15.84	12.28	141.21	535.65	-244.57	820.06	794.22	25.83	31.744		
4,700.00	4,587.93	4,657.19	4,606.63	16.27	12.58	141.16	547.18	-254.84	835.99	809.51	26.48	31.570		
4,800.00	4,685.12	4,755.91	4,704.13	16.70	12.89	141.12	558.71	-265.12	851.92	824.79	27.13	31.399		
4,900.00	4,782.32	4,854.63	4,801.64	17.13	13.20	141.07	570.24	-275.39	867.86	840.07	27.79	31.230		
5,000.00	4,879.51	4,953.35	4,899.14	17.56	13.52	141.03	581.78	-285.66	883.79	855.34	28.45	31.063		
5,100.00	4,976.71	5,052.07	4,996.65	18.00	13.83	140.99	593.31	-295.94	899.73	870.61	29.12	30.900		
5,200.00	5,073.91	5,150.79	5,094.15	18.44	14.15	140.95	604.84	-306.21	915.66	885.88	29.79	30.740		
5,300.00	5,171.10	5,249.51	5,191.65	18.88	14.47	140.91	616.37	-316.48	931.60	901.14	30.46	30.583		
5,400.00	5,268.30	5,348.24	5,289.16	19.32	14.79	140.87	627.90	-326.76	947.54	916.40	31.14	30.430		
5,500.00	5,365.49	5,446.96	5,386.66	19.76	15.11	140.84	639.43	-337.03	963.47	931.65	31.82	30.280		
5,600.00	5,462.69	5,545.68	5,484.17	20.21	15.43	140.80	650.96	-347.31	979.41	946.91	32.50	30.133		
5,700.00	5,559.89	5,644.40	5,581.67	20.65	15.76	140.77	662.49	-357.58	995.35	962.16	33.19	29.990		
5,800.00	5,657.08	5,743.12	5,679.18	21.10	16.08	140.73	674.02	-367.85	1,011.28	977.41	33.88	29.850		
5,900.00	5,754.28	5,841.84	5,776.68	21.55	16.41	140.70	685.55	-378.13	1,027.22	992.65	34.57	29.714		
6,000.00	5,851.47	5,940.56	5,874.19	22.00	16.74	140.67	697.08	-388.40	1,043.16	1,007.90	35.26	29.581		
6,100.00	5,948.67	6,039.28	5,971.69	22.45	17.07	140.64	708.61	-398.67	1,059.10	1,023.14	35.96	29.451		
6,200.00	6,045.87	6,138.00	6,069.20	22.90	17.40	140.61	720.14	-408.95	1,075.04	1,038.38	36.66	29.324		
6,300.00	6,143.06	6,236.72	6,166.70	23.35	17.73	140.58	731.67	-419.22	1,090.98	1,053.62	37.36	29.201		
6,400.00	6,240.26	6,335.44	6,264.21	23.81	18.07	140.56	743.20	-429.49	1,106.92	1,068.85	38.06	29.081		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1			Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft				
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,500.00	6,337.46	7,888.16	7,151.92	24.26	35.62	99.44	826.99	-1,393.27	1,064.46	1,021.40	43.05	24.725			
6,600.00	6,435.13	7,909.84	7,152.06	24.60	36.14	89.04	826.48	-1,414.95	989.48	943.95	45.54	21.729			
6,700.00	6,534.73	7,917.62	7,152.11	24.75	36.32	-15.71	826.30	-1,422.73	917.62	869.60	48.02	19.108			
6,800.00	6,634.24	7,909.73	7,152.06	24.84	36.13	-89.96	826.49	-1,414.84	851.67	801.28	50.40	16.899			
6,900.00	6,731.20	7,886.36	7,151.91	24.90	35.58	-98.43	827.04	-1,391.48	794.47	741.96	52.50	15.132			
7,000.00	6,823.22	7,848.10	7,151.66	25.00	34.69	-101.54	827.94	-1,353.23	748.15	694.00	54.15	13.817			
7,100.00	6,908.04	7,804.13	7,151.33	25.18	33.67	-101.81	829.17	-1,301.02	713.76	658.43	55.33	12.901			
7,200.00	6,983.56	7,730.97	7,150.91	25.51	32.05	-100.21	830.70	-1,236.14	691.00	635.49	55.51	12.449			
7,300.00	7,047.94	7,655.00	7,150.42	26.05	30.43	-97.49	832.49	-1,160.19	678.23	622.92	55.31	12.261 SF			
7,400.00	7,099.58	7,564.89	7,149.41	26.83	28.61	-94.15	834.56	-1,070.11	672.87	618.13	54.75	12.291			
7,500.00	7,137.21	7,459.72	7,136.29	27.88	26.64	-90.03	835.51	-965.89	670.86	616.79	54.08	12.406			
7,537.95	7,147.62	7,422.28	7,127.52	28.37	25.99	-88.49	835.34	-929.49	670.70	616.79	53.91	12.441			
7,600.00	7,159.91	7,363.48	7,109.52	29.17	25.02	-86.02	834.52	-873.55	671.13	617.50	53.64	12.512			
7,700.00	7,167.34	7,274.22	7,072.61	30.64	23.73	-82.21	832.04	-792.40	673.57	620.14	53.43	12.606			
7,800.00	7,169.37	7,195.46	7,030.97	32.29	22.75	-78.56	828.63	-725.68	679.56	626.09	53.46	12.710			
7,900.00	7,171.40	7,128.92	6,989.65	34.12	22.04	-75.02	824.90	-673.70	691.55	637.90	53.65	12.891			
8,000.00	7,173.43	7,073.12	6,951.01	36.10	21.52	-71.78	821.21	-633.63	711.12	657.27	53.85	13.207			
8,100.00	7,175.46	7,026.32	6,916.03	38.21	21.13	-68.92	817.74	-602.76	739.08	685.09	53.99	13.690			
8,200.00	7,177.48	6,986.91	6,884.90	40.42	20.83	-66.44	814.56	-578.82	775.55	721.51	54.04	14.352			
8,300.00	7,179.51	6,950.00	6,854.46	42.73	20.57	-64.09	811.38	-558.19	820.13	766.16	53.97	15.197			
8,400.00	7,181.54	6,925.00	6,833.19	45.11	20.41	-62.48	809.13	-545.24	872.05	818.17	53.88	16.186			
8,500.00	7,183.57	6,900.00	6,811.45	47.56	20.26	-60.88	806.80	-533.14	930.47	876.78	53.69	17.330			
8,600.00	7,185.60	6,879.17	6,792.97	50.06	20.14	-59.54	804.79	-523.72	994.50	941.02	53.48	18.597			
8,700.00	7,187.63	6,850.00	6,766.62	52.61	19.97	-57.69	801.91	-511.56	1,063.42	1,010.24	53.18	19.998			
8,800.00	7,189.66	6,850.00	6,766.62	55.21	19.97	-57.69	801.91	-511.56	1,136.17	1,083.17	53.00	21.435			

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	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	173.54	7.57	23.925	CC, ES	
200.06	200.06	202.94	197.06	3.30	3.30	84.11	18.58	180.15	181.10	173.54	7.57	23.925		
300.00	300.00	299.57	299.57	3.34	3.34	168.06	18.79	179.77	181.20	173.55	7.65	23.679		
400.00	399.93	405.02	404.95	3.41	3.41	167.62	20.61	176.48	181.69	173.92	7.77	23.374		
500.00	499.68	510.42	510.06	3.49	3.51	166.73	24.31	169.80	182.62	174.68	7.94	23.014		
600.00	599.13	614.41	613.44	3.60	3.63	165.43	29.75	160.00	184.13	175.98	8.14	22.615		
700.00	698.15	714.25	712.58	3.75	3.77	164.28	35.48	149.66	188.26	179.86	8.40	22.410		
800.00	796.63	813.93	811.55	3.93	3.93	163.45	41.20	139.33	195.80	187.09	8.70	22.494		
900.00	894.44	913.31	910.24	4.16	4.12	162.95	46.91	129.04	206.69	197.64	9.05	22.839		
1,000.00	991.67	1,012.41	1,008.64	4.43	4.32	162.73	52.60	118.78	220.10	210.67	9.43	23.334		
1,100.00	1,088.87	1,111.48	1,107.02	4.74	4.53	162.58	58.28	108.52	233.65	223.81	9.84	23.744		
1,200.00	1,186.06	1,210.56	1,205.40	5.08	4.76	162.44	63.97	98.26	247.21	236.93	10.28	24.055		
1,300.00	1,283.26	1,309.64	1,303.78	5.43	4.99	162.32	69.66	88.00	260.77	250.03	10.74	24.286		
1,400.00	1,380.45	1,408.71	1,402.15	5.81	5.24	162.21	75.35	77.74	274.33	263.11	11.22	24.453		
1,500.00	1,477.65	1,507.79	1,500.53	6.19	5.49	162.10	81.03	67.48	287.88	276.17	11.72	24.566		
1,600.00	1,574.85	1,606.86	1,598.91	6.59	5.76	162.01	86.72	57.22	301.44	289.21	12.23	24.639		
1,700.00	1,672.04	1,705.94	1,697.29	7.00	6.02	161.93	92.41	46.96	315.01	302.25	12.76	24.694		
1,800.00	1,769.24	1,805.01	1,795.67	7.23	6.15	161.85	98.09	36.70	328.57	315.91	12.66	25.953		
1,900.00	1,866.43	1,904.09	1,894.05	7.30	6.18	161.78	103.78	26.44	342.13	329.42	12.71	26.924		
2,000.00	1,963.63	2,003.16	1,992.42	7.39	6.23	161.72	109.47	16.18	355.69	342.90	12.79	27.812		
2,100.00	2,060.83	2,102.24	2,090.80	7.52	6.29	161.66	115.16	5.92	369.25	356.35	12.91	28.611		
2,200.00	2,158.02	2,201.31	2,189.18	7.67	6.37	161.60	120.84	-4.34	382.82	369.76	13.06	29.322		
2,300.00	2,255.22	2,300.39	2,287.56	7.85	6.47	161.55	126.53	-14.60	396.38	383.14	13.24	29.945		
2,400.00	2,352.42	2,399.46	2,385.94	8.05	6.57	161.50	132.22	-24.86	409.95	396.50	13.45	30.480		
2,500.00	2,449.61	2,498.54	2,484.31	8.28	6.70	161.45	137.90	-35.12	423.51	409.82	13.69	30.933		
2,600.00	2,546.81	2,602.39	2,582.69	8.53	6.84	161.41	143.59	-45.38	437.07	423.11	13.97	31.295		
2,700.00	2,644.00	2,696.69	2,681.07	8.79	6.98	161.37	149.28	-55.64	450.64	436.38	14.26	31.611		
2,800.00	2,741.20	2,804.24	2,779.45	9.08	7.16	161.33	154.97	-65.90	464.20	449.62	14.59	31.821		
2,900.00	2,838.40	2,894.84	2,877.83	9.37	7.31	161.29	160.65	-76.16	477.77	462.85	14.92	32.027		
3,000.00	2,935.59	3,006.09	2,976.21	9.69	7.52	161.26	166.34	-86.42	491.33	476.03	15.30	32.110		
3,100.00	3,032.79	3,107.01	3,074.58	10.01	7.71	161.23	172.03	-96.68	504.90	489.21	15.69	32.182		
3,200.00	3,129.98	3,207.94	3,172.96	10.35	7.92	161.20	177.72	-106.94	518.47	502.37	16.09	32.213		
3,300.00	3,227.18	3,291.14	3,271.34	10.70	8.09	161.17	183.40	-117.20	532.03	515.55	16.48	32.276		
3,400.00	3,324.38	3,409.78	3,369.72	11.06	8.35	161.14	189.09	-127.46	545.60	528.64	16.96	32.176		
3,500.00	3,421.57	3,489.29	3,468.10	11.42	8.53	161.11	194.78	-137.72	559.16	541.80	17.37	32.200		
3,600.00	3,518.77	3,588.37	3,566.48	11.80	8.76	161.09	200.46	-147.98	572.73	554.90	17.83	32.128		
3,700.00	3,615.96	3,687.44	3,664.85	12.18	8.99	161.07	206.15	-158.24	586.30	568.00	18.30	32.038		
3,800.00	3,713.16	3,786.52	3,763.23	12.57	9.23	161.04	211.84	-168.50	599.86	581.08	18.78	31.934		
3,900.00	3,810.36	3,885.59	3,861.61	12.96	9.48	161.02	217.53	-178.76	613.43	594.15	19.28	31.818		
4,000.00	3,907.55	3,984.67	3,959.99	13.36	9.73	161.00	223.21	-189.02	627.00	607.21	19.78	31.692		
4,100.00	4,004.75	4,083.74	4,058.37	13.76	9.98	160.98	228.90	-199.28	640.56	620.26	20.30	31.558		
4,200.00	4,101.95	4,182.82	4,156.75	14.17	10.24	160.96	234.59	-209.54	654.13	633.31	20.82	31.419		
4,300.00	4,199.14	4,281.89	4,255.12	14.58	10.50	160.94	240.27	-219.80	667.70	646.35	21.35	31.276		
4,400.00	4,296.34	4,380.97	4,353.50	15.00	10.76	160.93	245.96	-230.06	681.26	659.38	21.88	31.130		
4,500.00	4,393.53	4,480.04	4,451.88	15.42	11.03	160.91	251.65	-240.33	694.83	672.40	22.43	30.981		
4,600.00	4,490.73	4,579.12	4,550.26	15.84	11.30	160.89	257.34	-250.59	708.40	685.42	22.98	30.832		
4,700.00	4,587.93	4,678.19	4,648.64	16.27	11.58	160.88	263.02	-260.85	721.96	698.43	23.53	30.682		
4,800.00	4,685.12	4,777.27	4,747.02	16.70	11.85	160.86	268.71	-271.11	735.53	711.44	24.09	30.533		
4,900.00	4,782.32	4,876.34	4,845.39	17.13	12.13	160.85	274.40	-281.37	749.10	724.44	24.65	30.384		
5,000.00	4,879.51	4,975.42	4,943.77	17.56	12.41	160.83	280.08	-291.63	762.66	737.44	25.22	30.237		
5,100.00	4,976.71	5,074.49	5,042.15	18.00	12.70	160.82	285.77	-301.89	776.23	750.43	25.80	30.091		
5,200.00	5,073.91	5,173.57	5,140.53	18.44	12.98	160.81	291.46	-312.15	789.80	763.42	26.37	29.947		
5,300.00	5,171.10	5,272.64	5,238.91	18.88	13.27	160.80	297.15	-322.41	803.37	776.41	26.95	29.805		
5,400.00	5,268.30	5,371.72	5,337.29	19.32	13.56	160.78	302.83	-332.67	816.93	789.39	27.54	29.665		
5,500.00	5,365.49	5,470.80	5,435.66	19.76	13.85	160.77	308.52	-342.93	830.50	802.37	28.13	29.528		
5,600.00	5,462.69	5,569.87	5,534.04	20.21	14.14	160.76	314.21	-353.19	844.07	815.35	28.72	29.393		
5,700.00	5,559.89	5,668.95	5,632.42	20.65	14.43	160.75	319.89	-363.45	857.63	828.32	29.31	29.261		
5,800.00	5,657.08	5,768.02	5,730.80	21.10	14.73	160.74	325.58	-373.71	871.20	841.30	29.91	29.132		
5,900.00	5,754.28	5,867.10	5,829.18	21.55	15.02	160.73	331.27	-383.97	884.77	854.26	30.50	29.005		
6,000.00	5,851.47	5,966.17	5,927.55	22.00	15.32	160.72	336.96	-394.23	898.34	867.23	31.11	28.881		
6,100.00	5,948.67	6,065.25	6,025.93	22.45	15.62	160.71	342.64	-404.49	911.90	880.20	31.71	28.759		
6,200.00	6,045.87	6,164.32	6,124.31	22.90	15.92	160.70	348.33	-414.75	925.47	893.16	32.31	28.640		
6,300.00	6,143.06	6,263.40	6,222.69	23.35	16.22	160.69	354.02	-425.01	939.04	906.12	32.92	28.524		
6,400.00	6,240.26	7,821.54	7,152.78	23.81	33.92	126.32	402.56	-1,357.94	951.65	920.55	31.10	30.598		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,337.46	7,845.20	7,152.85	24.26	34.49	123.16	402.42	-1,381.60	857.84	825.70	32.14	26.695	
6,600.00	6,435.13	7,866.59	7,152.92	24.60	35.01	105.39	402.29	-1,402.99	764.40	731.02	33.38	22.898	
6,700.00	6,534.73	7,874.07	7,152.94	24.75	35.19	-15.22	402.24	-1,410.47	670.36	635.52	34.85	19.237	
6,800.00	6,634.24	7,865.88	7,152.91	24.84	34.99	-101.31	402.29	-1,402.28	578.29	541.66	36.63	15.789	
6,900.00	6,731.20	7,842.21	7,152.84	24.90	34.42	-115.40	402.43	-1,378.61	491.42	452.55	38.86	12.644	
7,000.00	6,823.22	7,803.66	7,152.73	25.00	33.48	-120.31	402.67	-1,340.06	413.21	371.53	41.68	9.913	
7,100.00	6,908.04	7,751.16	7,152.57	25.18	32.25	-120.09	402.99	-1,287.56	347.29	302.20	45.09	7.702	
7,200.00	6,983.56	7,686.01	7,152.38	25.51	30.74	-116.18	403.38	-1,222.42	296.96	248.27	48.69	6.099	
7,300.00	7,047.94	7,609.82	7,152.16	26.05	29.04	-109.52	403.85	-1,146.23	263.93	212.29	51.64	5.111	
7,400.00	7,099.58	7,520.46	7,150.81	26.83	27.16	-100.85	404.33	-1,056.89	246.54	193.32	53.22	4.632	
7,500.00	7,137.21	7,427.36	7,138.37	27.88	25.31	-90.67	404.18	-964.72	239.57	186.02	53.55	4.474 SF	
7,521.34	7,143.34	7,408.37	7,134.18	28.15	24.95	-88.47	404.05	-946.19	239.35	185.87	53.48	4.475	
7,600.00	7,159.91	7,340.62	7,114.81	29.17	23.73	-80.48	403.32	-881.31	242.21	189.45	52.76	4.591	
7,700.00	7,167.34	7,258.86	7,082.45	30.64	22.41	-71.08	401.90	-806.29	253.14	201.84	51.30	4.935	
7,800.00	7,169.37	7,185.37	7,045.38	32.29	21.38	-63.05	400.13	-742.91	274.24	224.81	49.43	5.548	
7,900.00	7,171.40	7,122.02	7,007.76	34.12	20.60	-55.86	398.24	-692.01	308.36	260.97	47.39	6.507	
8,000.00	7,173.43	7,067.85	6,971.72	36.10	20.02	-49.88	396.39	-651.63	355.00	309.43	45.58	7.789	
8,100.00	7,175.46	7,021.63	6,938.36	38.21	19.58	-45.08	394.64	-619.72	412.21	368.04	44.16	9.334	
8,200.00	7,177.48	6,982.13	6,908.07	40.42	19.24	-41.28	393.03	-594.42	477.74	434.61	43.13	11.076	
8,300.00	7,179.51	6,950.00	6,882.32	42.73	18.98	-38.41	391.64	-575.26	549.69	507.29	42.40	12.965	
8,400.00	7,181.54	6,918.97	6,856.57	45.11	18.76	-35.84	390.24	-558.01	626.53	584.68	41.85	14.970	
8,500.00	7,183.57	6,900.00	6,840.42	47.56	18.62	-34.36	389.36	-548.09	707.24	665.78	41.46	17.057	
8,600.00	7,185.60	6,871.36	6,815.50	50.06	18.44	-32.25	387.99	-534.04	790.80	749.65	41.15	19.218	
8,700.00	7,187.63	6,850.00	6,796.52	52.61	18.31	-30.78	386.94	-524.30	876.78	835.87	40.91	21.431	
8,800.00	7,189.66	6,834.57	6,782.61	55.21	18.22	-29.78	386.17	-517.67	964.64	923.92	40.72	23.690	
8,900.00	7,191.68	6,819.20	6,768.60	57.84	18.14	-28.81	385.39	-511.40	1,054.05	1,013.49	40.56	25.985	
9,000.00	7,193.71	6,800.00	6,750.90	60.50	18.03	-27.67	384.40	-504.04	1,144.77	1,104.33	40.44	28.305	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	77.90	38.61	180.15	184.24					
100.00	100.00	103.00	97.00	3.28	3.28	77.90	38.61	180.15	184.24	176.71	7.53	24.476		
200.00	200.00	203.00	197.00	3.30	3.30	77.90	38.61	180.15	184.24	176.67	7.57	24.340	CC, ES	
200.10	200.10	202.90	197.10	3.30	3.30	77.90	38.61	180.15	184.24	176.67	7.57	24.340		
300.00	300.00	299.13	299.13	3.34	3.34	161.85	38.86	179.81	184.38	176.73	7.65	24.095		
400.00	399.93	403.65	403.58	3.41	3.41	161.35	41.00	176.79	185.32	177.54	7.77	23.836		
500.00	499.68	508.08	507.74	3.49	3.51	160.34	45.34	170.68	187.15	179.21	7.94	23.572		
600.00	599.13	612.38	611.42	3.60	3.63	158.86	51.87	161.49	189.97	181.82	8.15	23.308		
700.00	698.15	712.57	710.76	3.75	3.77	157.36	59.39	150.92	194.78	186.37	8.42	23.147		
800.00	796.63	812.17	809.52	3.93	3.94	156.30	66.87	140.39	202.89	194.16	8.73	23.245		
900.00	894.44	911.51	908.02	4.16	4.12	155.68	74.33	129.89	214.22	205.14	9.09	23.576		
1,000.00	991.67	1,010.56	1,006.23	4.43	4.33	155.45	81.77	119.42	227.95	218.46	9.48	24.034		
1,100.00	1,088.87	1,109.59	1,104.43	4.74	4.55	155.29	89.21	108.96	241.81	231.90	9.91	24.400		
1,200.00	1,186.06	1,208.62	1,202.62	5.08	4.78	155.15	96.64	98.49	255.68	245.31	10.37	24.664		
1,300.00	1,283.26	1,307.65	1,300.82	5.43	5.03	155.02	104.08	88.02	269.55	258.70	10.85	24.847		
1,400.00	1,380.45	1,406.68	1,399.02	5.81	5.28	154.91	111.52	77.56	283.42	272.07	11.35	24.965		
1,500.00	1,477.65	1,505.72	1,497.21	6.19	5.54	154.81	118.96	67.09	297.29	285.42	11.88	25.032		
1,600.00	1,574.85	1,604.75	1,595.41	6.59	5.81	154.71	126.40	56.62	311.17	298.75	12.42	25.061		
1,700.00	1,672.04	1,703.78	1,693.60	7.00	6.08	154.63	133.84	46.15	325.04	312.07	12.97	25.068		
1,800.00	1,769.24	1,802.81	1,791.80	7.23	6.23	154.55	141.27	35.69	338.91	326.02	12.89	26.295		
1,900.00	1,866.43	1,901.84	1,889.99	7.30	6.26	154.48	148.71	25.22	352.79	339.84	12.95	27.250		
2,000.00	1,963.63	2,000.87	1,988.19	7.39	6.31	154.41	156.15	14.75	366.66	353.62	13.04	28.117		
2,100.00	2,060.83	2,100.09	2,086.39	7.52	6.38	154.35	163.59	4.29	380.54	367.37	13.17	28.892		
2,200.00	2,158.02	2,201.06	2,184.58	7.67	6.46	154.29	171.03	-6.18	394.41	381.08	13.34	29.570		
2,300.00	2,255.22	2,302.03	2,282.78	7.85	6.56	154.24	178.46	-16.65	408.29	394.75	13.54	30.155		
2,400.00	2,352.42	2,403.00	2,380.97	8.05	6.68	154.19	185.90	-27.11	422.17	408.39	13.77	30.650		
2,500.00	2,449.61	2,503.97	2,479.17	8.28	6.81	154.14	193.34	-37.58	436.05	422.01	14.04	31.060		
2,600.00	2,546.81	2,604.93	2,577.37	8.53	6.96	154.10	200.78	-48.05	449.92	435.59	14.33	31.390		
2,700.00	2,644.00	2,705.90	2,675.56	8.79	7.12	154.05	208.22	-58.51	463.80	449.15	14.66	31.648		
2,800.00	2,741.20	2,806.87	2,773.76	9.08	7.29	154.01	215.66	-68.98	477.68	462.68	15.00	31.840		
2,900.00	2,838.40	2,907.84	2,871.95	9.37	7.48	153.98	223.09	-79.45	491.56	476.18	15.37	31.974		
3,000.00	2,935.59	2,991.19	2,970.15	9.69	7.64	153.94	230.53	-89.91	505.43	489.70	15.74	32.122		
3,100.00	3,032.79	3,109.78	3,068.34	10.01	7.88	153.91	237.97	-100.38	519.31	503.13	16.18	32.094		
3,200.00	3,129.98	3,189.26	3,166.54	10.35	8.04	153.88	245.41	-110.85	533.19	516.62	16.57	32.177		
3,300.00	3,227.18	3,288.29	3,264.74	10.70	8.26	153.85	252.85	-121.31	547.07	530.05	17.01	32.152		
3,400.00	3,324.38	3,387.32	3,362.93	11.06	8.48	153.82	260.28	-131.78	560.95	543.47	17.48	32.100		
3,500.00	3,421.57	3,486.35	3,461.13	11.42	8.71	153.79	267.72	-142.25	574.83	556.88	17.95	32.024		
3,600.00	3,518.77	3,585.38	3,559.32	11.80	8.95	153.77	275.16	-152.71	588.71	570.27	18.44	31.929		
3,700.00	3,615.96	3,684.42	3,657.52	12.18	9.19	153.74	282.60	-163.18	602.59	583.65	18.94	31.818		
3,800.00	3,713.16	3,783.45	3,755.72	12.57	9.44	153.72	290.04	-173.65	616.46	597.01	19.45	31.694		
3,900.00	3,810.36	3,882.48	3,853.91	12.96	9.69	153.70	297.48	-184.11	630.34	610.37	19.97	31.560		
4,000.00	3,907.55	3,981.51	3,952.11	13.36	9.95	153.68	304.91	-194.58	644.22	623.72	20.51	31.418		
4,100.00	4,004.75	4,080.54	4,050.30	13.76	10.21	153.66	312.35	-205.05	658.10	637.06	21.05	31.269		
4,200.00	4,101.95	4,179.58	4,148.50	14.17	10.48	153.64	319.79	-215.51	671.98	650.39	21.60	31.117		
4,300.00	4,199.14	4,278.61	4,246.69	14.58	10.75	153.62	327.23	-225.98	685.86	663.71	22.15	30.961		
4,400.00	4,296.34	4,377.64	4,344.89	15.00	11.03	153.60	334.67	-236.45	699.74	677.03	22.72	30.803		
4,500.00	4,393.53	4,476.67	4,443.09	15.42	11.30	153.58	342.11	-246.91	713.62	690.33	23.29	30.645		
4,600.00	4,490.73	4,575.70	4,541.28	15.84	11.58	153.57	349.54	-257.38	727.50	703.64	23.86	30.486		
4,700.00	4,587.93	4,674.73	4,639.48	16.27	11.87	153.55	356.98	-267.85	741.38	716.94	24.45	30.327		
4,800.00	4,685.12	4,773.77	4,737.67	16.70	12.15	153.53	364.42	-278.31	755.26	730.23	25.03	30.170		
4,900.00	4,782.32	4,872.80	4,835.87	17.13	12.44	153.52	371.86	-288.78	769.14	743.52	25.63	30.014		
5,000.00	4,879.51	4,971.83	4,934.07	17.56	12.73	153.51	379.30	-299.25	783.02	756.80	26.22	29.861		
5,100.00	4,976.71	5,070.86	5,032.26	18.00	13.02	153.49	386.73	-309.71	796.90	770.08	26.82	29.709		
5,200.00	5,073.91	5,169.89	5,130.46	18.44	13.31	153.48	394.17	-320.18	810.78	783.35	27.43	29.560		
5,300.00	5,171.10	5,268.93	5,228.65	18.88	13.61	153.46	401.61	-330.65	824.66	796.63	28.04	29.413		
5,400.00	5,268.30	5,367.96	5,326.85	19.32	13.91	153.45	409.05	-341.11	838.54	809.89	28.65	29.269		
5,500.00	5,365.49	5,466.99	5,425.05	19.76	14.21	153.44	416.49	-351.58	852.42	823.16	29.26	29.128		
5,600.00	5,462.69	5,566.02	5,523.24	20.21	14.51	153.43	423.93	-362.05	866.30	836.42	29.88	28.990		
5,700.00	5,559.89	5,665.05	5,621.44	20.65	14.81	153.42	431.36	-372.52	880.18	849.68	30.50	28.854		
5,800.00	5,657.08	5,764.08	5,719.63	21.10	15.11	153.41	438.80	-382.98	894.06	862.94	31.13	28.722		
5,900.00	5,754.28	5,863.12	5,817.83	21.55	15.42	153.40	446.24	-393.45	907.94	876.19	31.75	28.592		
6,000.00	5,851.47	5,962.15	5,916.02	22.00	15.72									

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,337.46	7,672.38	6,962.55	24.26	34.63	105.58	535.68	-1,382.23	739.52	700.88	38.64	19.139	
6,600.00	6,435.13	7,706.64	6,962.52	24.60	35.46	92.75	535.74	-1,403.21	657.14	615.42	41.72	15.751	
6,700.00	6,534.73	7,700.42	6,962.51	24.75	35.31	-14.67	535.76	-1,410.26	578.08	533.18	44.89	12.876	
6,800.00	6,634.24	7,708.20	6,962.52	24.84	35.50	-89.69	535.73	-1,401.65	506.40	457.42	48.97	10.341	
6,900.00	6,731.20	7,667.72	6,962.56	24.90	34.51	-97.03	535.66	-1,377.57	446.92	394.42	52.50	8.513	
7,000.00	6,823.22	7,628.78	6,962.62	25.00	33.57	-97.40	535.54	-1,338.62	404.11	348.50	55.61	7.267	
7,100.00	6,908.04	7,575.92	6,962.70	25.18	32.31	-93.59	535.38	-1,285.76	380.39	323.30	57.09	6.663	
7,188.92	6,975.71	7,518.27	6,962.78	25.47	30.97	-87.83	535.21	-1,228.12	374.34	317.60	56.74	6.597 SF	
7,200.00	6,983.56	7,510.45	6,962.80	25.51	30.79	-87.01	535.19	-1,220.29	374.43	317.84	56.59	6.616	
7,300.00	7,047.94	7,433.98	6,962.91	26.05	29.09	-79.21	534.95	-1,143.83	381.21	326.46	54.75	6.963	
7,400.00	7,099.58	7,352.76	6,962.50	26.83	27.35	-72.02	534.67	-1,062.61	394.33	341.78	52.55	7.504	
7,500.00	7,137.21	7,279.20	6,955.36	27.88	25.86	-66.01	533.90	-989.45	410.90	360.28	50.62	8.117	
7,600.00	7,159.91	7,208.17	6,940.53	29.17	24.51	-60.67	532.56	-920.04	429.42	380.35	49.06	8.753	
7,700.00	7,167.34	7,139.17	6,918.82	30.64	23.30	-56.30	530.72	-854.59	448.42	400.46	47.96	9.350	
7,800.00	7,169.37	7,074.75	6,892.30	32.29	22.28	-53.24	528.54	-795.96	472.32	425.23	47.09	10.031	
7,900.00	7,171.40	7,016.68	6,863.43	34.12	21.45	-50.16	526.20	-745.65	504.30	457.97	46.33	10.885	
8,000.00	7,173.43	6,964.89	6,833.93	36.10	20.79	-47.25	523.84	-703.18	544.43	498.73	45.70	11.912	
8,100.00	7,175.46	6,919.01	6,804.98	38.21	20.27	-44.61	521.55	-667.65	592.31	547.10	45.20	13.103	
8,200.00	7,177.48	6,878.46	6,777.34	40.42	19.85	-42.29	519.37	-638.08	647.20	602.39	44.81	14.444	
8,300.00	7,179.51	6,850.00	6,756.84	42.73	19.57	-40.68	517.76	-618.41	708.33	663.77	44.55	15.899	
8,400.00	7,181.54	6,811.00	6,727.37	45.11	19.23	-38.51	515.46	-592.97	774.58	730.33	44.25	17.504	
8,500.00	7,183.57	6,782.93	6,705.23	47.56	19.00	-37.00	513.74	-575.82	845.39	801.33	44.05	19.191	
8,600.00	7,185.60	6,750.00	6,678.32	50.06	18.75	-35.27	511.65	-556.96	920.03	876.18	43.85	20.982	
8,700.00	7,187.63	6,735.71	6,666.34	52.61	18.65	-34.54	510.72	-549.21	997.68	953.95	43.74	22.810	
8,800.00	7,189.66	6,715.76	6,649.35	55.21	18.52	-33.55	509.41	-538.86	1,078.08	1,034.47	43.61	24.720	
8,900.00	7,191.68	6,700.00	6,635.69	57.84	18.41	-32.78	508.35	-531.05	1,160.74	1,117.23	43.50	26.682	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
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	26.007	CC, ES	
200.19	200.19	202.81	197.19	3.30	3.30	114.37	-81.24	179.31	196.86	189.29	7.57	26.007		
300.00	300.00	298.26	298.26	3.34	3.34	-161.56	-81.52	179.02	197.12	189.47	7.65	25.767		
400.00	399.93	400.89	400.82	3.41	3.40	-160.92	-83.96	176.42	199.12	191.36	7.77	25.639		
500.00	499.68	503.31	502.98	3.49	3.48	-159.66	-88.90	171.16	203.15	195.22	7.93	25.615		
600.00	599.13	605.40	604.49	3.60	3.59	-157.85	-96.31	163.26	209.34	201.19	8.15	25.690		
700.00	698.15	705.78	703.94	3.75	3.74	-155.76	-105.64	153.33	218.01	209.58	8.43	25.874		
800.00	796.63	804.87	802.07	3.93	3.91	-154.11	-115.08	143.28	229.96	221.20	8.76	26.254		
900.00	894.44	903.62	899.86	4.16	4.10	-152.96	-124.49	133.26	245.13	235.99	9.14	26.806		
1,000.00	991.67	1,002.03	997.31	4.43	4.31	-152.28	-133.86	123.28	262.68	253.10	9.58	27.428		
1,100.00	1,088.87	1,100.42	1,094.74	4.74	4.54	-151.75	-143.24	113.29	280.38	270.34	10.04	27.923		
1,200.00	1,186.06	1,201.19	1,192.17	5.08	4.79	-151.28	-152.61	103.31	298.11	287.56	10.55	28.266		
1,300.00	1,283.26	1,302.80	1,289.60	5.43	5.06	-150.86	-161.98	93.33	315.85	304.77	11.08	28.495		
1,400.00	1,380.45	1,404.41	1,387.03	5.81	5.33	-150.49	-171.36	83.35	333.61	321.97	11.65	28.640		
1,500.00	1,477.65	1,506.02	1,484.46	6.19	5.62	-150.16	-180.73	73.37	351.39	339.15	12.24	28.720		
1,600.00	1,574.85	1,607.64	1,581.89	6.59	5.92	-149.85	-190.10	63.39	369.17	356.33	12.84	28.750		
1,700.00	1,672.04	1,709.25	1,679.33	7.00	6.21	-149.58	-199.48	53.40	386.96	373.51	13.45	28.771		
1,800.00	1,769.24	1,789.14	1,776.76	7.23	6.34	-149.33	-208.85	43.42	404.76	391.37	13.38	30.244		
1,900.00	1,866.43	1,887.53	1,874.19	7.30	6.38	-149.10	-218.22	33.44	422.56	409.09	13.47	31.369		
2,000.00	1,963.63	1,985.92	1,971.62	7.39	6.44	-148.89	-227.60	23.46	440.37	426.79	13.58	32.419		
2,100.00	2,060.83	2,084.31	2,069.05	7.52	6.51	-148.69	-236.97	13.48	458.19	444.45	13.74	33.353		
2,200.00	2,158.02	2,182.70	2,166.48	7.67	6.60	-148.51	-246.35	3.50	476.01	462.08	13.93	34.170		
2,300.00	2,255.22	2,281.08	2,263.91	7.85	6.70	-148.35	-255.72	-6.49	493.84	479.68	14.16	34.873		
2,400.00	2,352.42	2,379.47	2,361.34	8.05	6.82	-148.19	-265.09	-16.47	511.67	497.24	14.43	35.464		
2,500.00	2,449.61	2,477.86	2,458.77	8.28	6.96	-148.05	-274.47	-26.45	529.50	514.77	14.73	35.952		
2,600.00	2,546.81	2,576.25	2,556.21	8.53	7.11	-147.91	-283.84	-36.43	547.34	532.28	15.06	36.343		
2,700.00	2,644.00	2,674.64	2,653.64	8.79	7.28	-147.79	-293.21	-46.41	565.18	549.75	15.42	36.646		
2,800.00	2,741.20	2,773.03	2,751.07	9.08	7.46	-147.67	-302.59	-56.39	583.02	567.21	15.81	36.871		
2,900.00	2,838.40	2,871.42	2,848.50	9.37	7.65	-147.55	-311.96	-66.38	600.86	584.63	16.23	37.026		
3,000.00	2,935.59	2,969.80	2,945.93	9.69	7.85	-147.45	-321.33	-76.36	618.71	602.04	16.67	37.121		
3,100.00	3,032.79	3,068.19	3,043.36	10.01	8.07	-147.35	-330.71	-86.34	636.56	619.43	17.13	37.164		
3,200.00	3,129.98	3,166.58	3,140.79	10.35	8.29	-147.25	-340.08	-96.32	654.41	636.80	17.61	37.162		
3,300.00	3,227.18	3,264.97	3,238.22	10.70	8.52	-147.17	-349.45	-106.30	672.26	654.15	18.11	37.122		
3,400.00	3,324.38	3,363.36	3,335.65	11.06	8.76	-147.08	-358.83	-116.28	690.11	671.48	18.63	37.050		
3,500.00	3,421.57	3,461.75	3,433.08	11.42	9.01	-147.00	-368.20	-126.27	707.96	688.81	19.16	36.953		
3,600.00	3,518.77	3,560.13	3,530.52	11.80	9.26	-146.92	-377.58	-136.25	725.82	706.11	19.71	36.834		
3,700.00	3,615.96	3,658.52	3,627.95	12.18	9.52	-146.85	-386.95	-146.23	743.68	723.41	20.27	36.697		
3,800.00	3,713.16	3,756.91	3,725.38	12.57	9.78	-146.78	-396.32	-156.21	761.53	740.70	20.84	36.547		
3,900.00	3,810.36	3,855.30	3,822.81	12.96	10.05	-146.72	-405.70	-166.19	779.39	757.97	21.42	36.386		
4,000.00	3,907.55	3,953.69	3,920.24	13.36	10.33	-146.65	-415.07	-176.18	797.25	775.24	22.01	36.217		
4,100.00	4,004.75	4,052.08	4,017.67	13.76	10.61	-146.59	-424.44	-186.16	815.11	792.50	22.62	36.042		
4,200.00	4,101.95	4,150.47	4,115.10	14.17	10.89	-146.53	-433.82	-196.14	832.97	809.75	23.23	35.862		
4,300.00	4,199.14	4,248.85	4,212.53	14.58	11.18	-146.48	-443.19	-206.12	850.84	826.99	23.85	35.680		
4,400.00	4,296.34	4,347.24	4,309.96	15.00	11.47	-146.43	-452.56	-216.10	868.70	844.23	24.47	35.497		
4,500.00	4,393.53	4,445.63	4,407.39	15.42	11.77	-146.38	-461.94	-226.08	886.56	861.46	25.11	35.313		
4,600.00	4,490.73	4,544.02	4,504.83	15.84	12.07	-146.33	-471.31	-236.07	904.43	878.68	25.75	35.129		
4,700.00	4,587.93	4,642.41	4,602.26	16.27	12.37	-146.28	-480.69	-246.05	922.29	895.90	26.39	34.947		
4,800.00	4,685.12	4,740.80	4,699.69	16.70	12.67	-146.23	-490.06	-256.03	940.16	913.11	27.04	34.766		
4,900.00	4,782.32	4,839.19	4,797.12	17.13	12.97	-146.19	-499.43	-266.01	958.02	930.32	27.70	34.588		
5,000.00	4,879.51	4,937.57	4,894.55	17.56	13.28	-146.15	-508.81	-275.99	975.89	947.53	28.36	34.412		
5,100.00	4,976.71	5,035.96	4,991.98	18.00	13.59	-146.11	-518.18	-285.97	993.76	964.73	29.02	34.239		
5,200.00	5,073.91	5,134.35	5,089.41	18.44	13.91	-146.07	-527.55	-295.96	1,011.62	981.93	29.69	34.070		
5,300.00	5,171.10	5,232.74	5,186.84	18.88	14.22	-146.03	-536.93	-305.94	1,029.49	999.13	30.37	33.903		
5,400.00	5,268.30	5,331.13	5,284.27	19.32	14.53	-145.99	-546.30	-315.92	1,047.36	1,016.32	31.04	33.740		
5,500.00	5,365.49	5,429.52	5,381.70	19.76	14.85	-145.96	-555.67	-325.90	1,065.23	1,033.51	31.72	33.580		
5,600.00	5,462.69	5,527.91	5,479.14	20.21	15.17	-145.93	-565.05	-335.88	1,083.10	1,050.69	32.41	33.424		
5,700.00	5,559.89	5,626.29	5,576.57	20.65	15.49	-145.89	-574.42	-345.86	1,100.97	1,067.88	33.09	33.271		
5,800.00	5,657.08	5,724.68	5,674.00	21.10	15.81	-145.86	-583.79	-355.85	1,118.84	1,085.06	33.78	33.122		
5,900.00	5,754.28	5,823.07	5,771.43	21.55	16.14	-145.83	-593.17	-365.83	1,136.71	1,102.24	34.47	32.976		
6,000.00	5,851.47	5,921.46	5,868.86	22.00	16.46	-145.80	-602.54	-375.81	1,154.58	1,119.41	35.16	32.833		
6,100.00	5,948.67	6,019.85	5,966.29	22.45	16.78	-145.77	-611.92	-385.79	1,172.45	1,136.59	35.86	32.694		
6,200.00	6,045.87	6,118.24	6,063.72	22.90	17.11	-145.74	-621.29	-395.77	1,190.32	1,153.76	36.56	32.559		
6,600.00	6,435.13	7,901.85	7,158.07	24.60	35.54	-106.45	-732.73	-1,399.88	1,141.17	1,091.66	49.51	23.048		
6,700.00	6,534.73	7,908.74	7,158.05	24.75	35.70	165.67	-732.77	-1,406.78	1,082.61	1,030.87	51.73	20.927		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,800.00	6,634.24	7,900.04	7,158.07	24.84	35.49	103.59	-732.72	-1,398.00	1,030.33	976.72	53.61	19.217		
6,900.00	6,731.20	7,875.72	7,158.14	24.90	34.92	102.32	-732.56	-1,373.76	986.32	931.31	55.01	17.928		
7,000.00	6,823.22	7,836.62	7,158.26	25.00	34.01	101.95	-732.30	-1,334.66	951.72	895.89	55.83	17.047		
7,100.00	6,908.04	7,783.62	7,158.42	25.18	32.80	100.77	-731.95	-1,281.66	926.67	870.63	56.04	16.535		
7,200.00	6,983.56	7,718.03	7,158.61	25.51	31.34	98.76	-731.51	-1,216.07	910.29	854.55	55.74	16.331 SF		
7,300.00	7,047.94	7,641.45	7,158.84	26.05	29.73	96.25	-731.01	-1,139.50	900.93	845.82	55.11	16.349		
7,400.00	7,099.58	7,546.62	7,157.88	26.83	27.84	93.36	-730.26	-1,044.69	896.33	842.13	54.19	16.539		
7,500.00	7,137.21	7,440.01	7,142.74	27.88	25.90	90.09	-728.09	-939.31	893.21	839.88	53.33	16.750		
7,600.00	7,159.91	7,343.10	7,113.97	29.17	24.35	87.07	-724.70	-846.93	891.10	838.23	52.87	16.854		
7,700.00	7,167.34	7,253.73	7,075.35	30.64	23.13	84.26	-720.46	-766.53	890.04	837.25	52.79	16.861		
7,709.38	7,167.53	7,245.81	7,071.39	30.79	23.04	83.99	-720.03	-759.68	890.03	837.22	52.81	16.854		
7,800.00	7,169.37	7,175.38	7,032.55	32.29	22.23	81.40	-715.92	-701.11	891.59	838.51	53.08	16.799		
7,900.00	7,171.40	7,109.63	6,990.69	34.12	21.58	78.64	-711.57	-650.64	897.95	844.33	53.62	16.748		
8,000.00	7,173.43	7,054.77	6,951.95	36.10	21.10	76.12	-707.61	-612.03	910.50	856.21	54.29	16.772		
8,100.00	7,175.46	7,008.94	6,917.14	38.21	20.75	73.89	-704.08	-582.44	930.10	875.12	54.98	16.917		
8,200.00	7,177.48	6,970.46	6,886.33	40.42	20.47	71.95	-700.98	-559.59	957.12	901.50	55.62	17.207		
8,300.00	7,179.51	6,937.90	6,859.24	42.73	20.25	70.26	-698.27	-541.76	991.54	935.37	56.17	17.654		
8,400.00	7,181.54	6,910.15	6,835.45	45.11	20.08	68.81	-695.90	-527.66	1,033.03	976.43	56.60	18.253		
8,500.00	7,183.57	6,886.28	6,814.52	47.56	19.94	67.54	-693.82	-516.39	1,081.07	1,024.16	56.91	18.996		
8,600.00	7,185.60	6,865.60	6,796.05	50.06	19.83	66.44	-692.00	-507.26	1,135.05	1,077.93	57.12	19.872		
8,700.00	7,187.63	6,850.00	6,781.93	52.61	19.74	65.61	-690.60	-500.78	1,194.31	1,137.06	57.25	20.861		



Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1													Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	108.85	-61.21	179.31	189.47					
100.00	100.00	103.00	97.00	3.28	3.28	108.85	-61.21	179.31	189.47	181.95	7.53	25.171		
200.00	200.00	203.00	197.00	3.30	3.30	108.85	-61.21	179.31	189.47	181.91	7.57	25.031	CC, ES	
200.09	200.09	202.91	197.09	3.30	3.30	108.85	-61.21	179.31	189.47	181.91	7.57	25.031		
300.00	300.00	299.05	299.04	3.34	3.34	-167.08	-61.44	178.96	189.65	182.00	7.65	24.789		
400.00	399.93	403.36	403.29	3.41	3.40	-166.46	-63.39	175.83	190.83	183.06	7.77	24.571		
500.00	499.68	507.54	507.20	3.49	3.49	-165.22	-67.34	169.50	193.20	185.27	7.93	24.367		
600.00	599.13	611.51	610.55	3.60	3.61	-163.41	-73.29	160.00	196.87	188.72	8.14	24.180		
700.00	698.15	711.26	709.50	3.75	3.75	-161.57	-80.00	149.25	202.94	194.53	8.41	24.121		
800.00	796.63	810.68	808.11	3.93	3.92	-160.14	-86.69	138.54	212.48	203.74	8.74	24.320		
900.00	894.44	909.78	906.40	4.16	4.10	-159.11	-93.37	127.86	225.36	216.25	9.11	24.741		
1,000.00	991.67	1,008.56	1,004.38	4.43	4.31	-158.48	-100.02	117.21	240.72	231.20	9.52	25.277		
1,100.00	1,088.87	1,107.32	1,102.35	4.74	4.53	-157.97	-106.67	106.57	256.25	246.28	9.97	25.706		
1,200.00	1,186.06	1,206.09	1,200.31	5.08	4.77	-157.52	-113.32	95.93	271.79	261.35	10.45	26.019		
1,300.00	1,283.26	1,304.85	1,298.27	5.43	5.02	-157.11	-119.97	85.29	287.35	276.40	10.95	26.239		
1,400.00	1,380.45	1,403.61	1,396.23	5.81	5.28	-156.75	-126.62	74.64	302.93	291.44	11.48	26.385		
1,500.00	1,477.65	1,502.37	1,494.19	6.19	5.55	-156.42	-133.27	64.00	318.51	306.48	12.03	26.473		
1,600.00	1,574.85	1,601.14	1,592.16	6.59	5.82	-156.12	-139.92	53.36	334.10	321.50	12.60	26.516		
1,700.00	1,672.04	1,700.10	1,690.12	7.00	6.11	-155.85	-146.57	42.72	349.70	336.52	13.18	26.523		
1,800.00	1,769.24	1,801.34	1,788.08	7.23	6.26	-155.61	-153.22	32.07	365.31	352.18	13.13	27.820		
1,900.00	1,866.43	1,902.58	1,886.04	7.30	6.30	-155.38	-159.87	21.43	380.92	367.73	13.20	28.866		
2,000.00	1,963.63	2,003.81	1,984.01	7.39	6.35	-155.17	-166.52	10.79	396.54	383.24	13.30	29.813		
2,100.00	2,060.83	2,105.05	2,081.97	7.52	6.42	-154.98	-173.17	0.15	412.17	398.72	13.45	30.655		
2,200.00	2,158.02	2,206.29	2,179.93	7.67	6.51	-154.80	-179.82	-10.49	427.80	414.17	13.63	31.393		
2,300.00	2,255.22	2,307.52	2,277.89	7.85	6.61	-154.63	-186.47	-21.14	443.43	429.58	13.85	32.026		
2,400.00	2,352.42	2,408.76	2,375.85	8.05	6.74	-154.47	-193.12	-31.78	459.06	444.96	14.10	32.559		
2,500.00	2,449.61	2,510.00	2,473.82	8.28	6.87	-154.33	-199.77	-42.42	474.70	460.32	14.39	32.997		
2,600.00	2,546.81	2,588.76	2,571.78	8.53	6.99	-154.19	-206.42	-53.06	490.34	475.67	14.67	33.425		
2,700.00	2,644.00	2,687.53	2,669.74	8.79	7.15	-154.07	-213.07	-63.71	505.99	490.98	15.01	33.710		
2,800.00	2,741.20	2,786.29	2,767.70	9.08	7.32	-153.95	-219.72	-74.35	521.63	506.26	15.38	33.924		
2,900.00	2,838.40	2,885.05	2,866.67	9.37	7.51	-153.83	-226.37	-84.99	537.28	521.51	15.77	34.074		
3,000.00	2,935.59	2,983.81	2,963.63	9.69	7.70	-153.73	-233.02	-95.63	552.93	536.75	16.18	34.168		
3,100.00	3,032.79	3,082.58	3,061.59	10.01	7.91	-153.63	-239.67	-106.28	568.58	551.97	16.62	34.214		
3,200.00	3,129.98	3,181.34	3,159.55	10.35	8.12	-153.53	-246.32	-116.92	584.24	567.16	17.07	34.218		
3,300.00	3,227.18	3,280.10	3,257.51	10.70	8.34	-153.44	-252.97	-127.56	599.89	582.35	17.55	34.187		
3,400.00	3,324.38	3,378.87	3,355.48	11.06	8.57	-153.35	-259.62	-138.20	615.55	597.51	18.04	34.126		
3,500.00	3,421.57	3,477.63	3,453.44	11.42	8.81	-153.27	-266.27	-148.84	631.21	612.66	18.54	34.041		
3,600.00	3,518.77	3,576.39	3,551.40	11.80	9.05	-153.20	-272.92	-159.49	646.87	627.80	19.06	33.935		
3,700.00	3,615.96	3,675.15	3,649.36	12.18	9.30	-153.12	-279.57	-170.13	662.53	642.93	19.59	33.812		
3,800.00	3,713.16	3,773.92	3,747.32	12.57	9.56	-153.05	-286.22	-180.77	678.19	658.05	20.14	33.676		
3,900.00	3,810.36	3,872.68	3,845.29	12.96	9.82	-152.98	-292.87	-191.41	693.85	673.16	20.69	33.529		
4,000.00	3,907.55	3,971.44	3,943.25	13.36	10.08	-152.92	-299.52	-202.06	709.51	688.25	21.26	33.375		
4,100.00	4,004.75	4,070.20	4,041.21	13.76	10.35	-152.86	-306.17	-212.70	725.18	703.34	21.83	33.214		
4,200.00	4,101.95	4,168.97	4,139.17	14.17	10.62	-152.80	-312.82	-223.34	740.84	718.42	22.42	33.049		
4,300.00	4,199.14	4,267.73	4,237.14	14.58	10.90	-152.74	-319.47	-233.98	756.51	733.50	23.01	32.881		
4,400.00	4,296.34	4,366.49	4,335.10	15.00	11.18	-152.69	-326.12	-244.63	772.17	748.57	23.61	32.711		
4,500.00	4,393.53	4,465.26	4,433.06	15.42	11.47	-152.64	-332.77	-255.27	787.84	763.63	24.21	32.541		
4,600.00	4,490.73	4,564.02	4,531.02	15.84	11.75	-152.59	-339.43	-265.91	803.51	778.68	24.82	32.370		
4,700.00	4,587.93	4,662.78	4,628.98	16.27	12.05	-152.54	-346.08	-276.55	819.17	793.73	25.44	32.201		
4,800.00	4,685.12	4,761.54	4,726.95	16.70	12.34	-152.49	-352.73	-287.19	834.84	808.78	26.06	32.033		
4,900.00	4,782.32	4,860.31	4,824.91	17.13	12.63	-152.45	-359.38	-297.84	850.51	823.82	26.69	31.867		
5,000.00	4,879.51	4,959.07	4,922.87	17.56	12.93	-152.41	-366.03	-308.48	866.18	838.86	27.32	31.703		
5,100.00	4,976.71	5,057.83	5,020.83	18.00	13.23	-152.36	-372.68	-319.12	881.85	853.89	27.96	31.542		
5,200.00	5,073.91	5,156.59	5,118.80	18.44	13.53	-152.32	-379.33	-329.76	897.52	868.92	28.60	31.383		
5,300.00	5,171.10	5,255.36	5,216.76	18.88	13.83	-152.29	-385.98	-340.41	913.19	883.95	29.24	31.228		
5,400.00	5,268.30	5,354.12	5,314.72	19.32	14.14	-152.25	-392.63	-351.05	928.86	898.97	29.89	31.075		
5,500.00	5,365.49	5,452.88	5,412.68	19.76	14.45	-152.21	-399.28	-361.69	944.53	913.99	30.54	30.925		
5,600.00	5,462.69	5,551.64	5,510.64	20.21	14.75	-152.18	-405.93	-372.33	960.20	929.01	31.20	30.779		
5,700.00	5,559.89	5,650.41	5,608.61	20.65	15.06	-152.14	-412.58	-382.98	975.88	944.02	31.85	30.636		
5,800.00	5,657.08	5,749.17	5,706.57	21.10	15.37	-152.11	-419.23	-393.62	991.55	959.03	32.51	30.496		
5,900.00	5,754.28	5,847.93	5,804.53	21.55	15.69	-152.08	-425.88	-404.26	1,007.22	974.04	33.18	30.359		
6,000.00	5,851.47	5,946.70	5,902.49	22.0										

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1			Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft		
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
6,500.00	6,337.46	7,541.61	6,838.24	24.26	34.22	-106.25	-499.29	-1,379.58	818.12	768.90	49.21	16.624				
6,600.00	6,435.13	7,562.80	6,838.26	24.60	34.74	-104.84	-499.38	-1,400.77	764.03	711.51	52.52	14.546				
6,700.00	6,534.73	7,570.07	6,838.26	24.75	34.92	165.60	-499.40	-1,408.05	718.35	662.93	55.42	12.961				
6,800.00	6,634.24	7,561.67	6,838.26	24.84	34.71	101.11	-499.37	-1,399.65	684.18	626.62	57.56	11.886				
6,900.00	6,731.20	7,537.81	6,838.24	24.90	34.13	96.81	-499.28	-1,375.78	663.59	604.99	58.60	11.324				
7,000.00	6,823.22	7,500.94	6,838.21	25.00	33.23	92.90	-499.13	-1,337.03	656.74	598.30	58.44	11.238				
7,003.87	6,826.65	7,502.73	6,838.20	25.00	33.28	92.73	-499.13	-1,335.24	656.73	598.23	58.50	11.227 SF				
7,100.00	6,908.04	7,446.38	6,838.16	25.18	31.95	87.87	-498.93	-1,284.36	661.72	604.56	57.16	11.576				
7,200.00	6,983.56	7,381.08	6,838.11	25.51	30.44	82.03	-498.68	-1,219.05	675.07	619.80	55.27	12.213				
7,300.00	7,047.94	7,304.75	6,838.05	26.05	28.75	76.13	-498.39	-1,142.72	692.69	639.49	53.20	13.020				
7,400.00	7,099.58	7,226.81	6,837.59	26.83	27.11	71.15	-498.07	-1,064.79	710.80	659.35	51.44	13.818				
7,500.00	7,137.21	7,161.96	6,831.97	27.88	25.81	67.31	-497.45	-1,000.22	728.57	678.31	50.27	14.494				
7,600.00	7,159.91	7,100.00	6,820.51	29.17	24.63	64.05	-496.44	-939.36	745.40	695.89	49.50	15.057				
7,700.00	7,167.34	7,036.08	6,802.56	30.64	23.50	61.43	-495.00	-878.06	760.46	711.39	49.07	15.499				
7,800.00	7,169.37	6,976.99	6,780.59	32.29	22.56	59.84	-493.31	-823.25	778.25	729.37	48.88	15.922				
7,900.00	7,171.40	6,922.73	6,756.03	34.12	21.77	58.13	-491.47	-774.92	801.78	752.95	48.83	16.420				
8,000.00	7,173.43	6,873.44	6,730.23	36.10	21.12	56.41	-489.58	-732.98	831.32	782.44	48.88	17.009				
8,100.00	7,175.46	6,828.97	6,704.23	38.21	20.59	54.74	-487.69	-696.95	866.99	818.00	48.98	17.700				
8,200.00	7,177.48	6,789.01	6,678.79	40.42	20.15	53.16	-485.85	-666.21	908.67	859.55	49.11	18.501				
8,300.00	7,179.51	6,750.00	6,652.14	42.73	19.76	51.58	-483.95	-637.80	956.10	906.88	49.22	19.426				
8,400.00	7,181.54	6,721.10	6,631.30	45.11	19.50	50.38	-482.47	-617.83	1,008.87	959.49	49.38	20.433				
8,500.00	7,183.57	6,700.00	6,615.53	47.56	19.31	49.50	-481.35	-603.86	1,066.60	1,017.07	49.53	21.535				
8,600.00	7,185.60	6,666.45	6,589.52	50.06	19.04	48.09	-479.52	-582.75	1,128.62	1,079.06	49.56	22.774				
8,700.00	7,187.63	6,650.00	6,576.37	52.61	18.91	47.39	-478.59	-572.91	1,194.68	1,145.04	49.64	24.065				

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	0.00	0.00	3.28	3.28	-179.40	-79.79	-0.84	79.79				
100.00	100.00	100.00	100.00	3.28	3.28	-179.40	-79.79	-0.84	79.79	72.26	7.53	10.600	
200.00	200.00	200.00	200.00	3.30	3.30	-179.40	-79.79	-0.84	79.79	72.22	7.57	10.542	CC, ES
200.00	200.00	200.00	200.00	3.30	3.30	-179.40	-79.79	-0.84	79.79	72.22	7.57	10.542	
300.00	300.00	299.47	299.47	3.34	3.34	-95.42	-79.95	-1.23	80.00	72.35	7.65	10.455	
400.00	399.93	398.39	398.32	3.41	3.40	-95.59	-81.22	-4.40	81.65	73.88	7.77	10.512	
500.00	499.68	497.25	496.94	3.49	3.48	-95.90	-83.78	-10.72	84.96	77.03	7.93	10.712	
600.00	599.13	596.00	595.16	3.60	3.59	-96.31	-87.60	-20.19	89.93	81.78	8.15	11.035	
700.00	698.15	694.62	692.84	3.75	3.73	-96.80	-92.68	-32.76	96.55	88.12	8.43	11.454	
800.00	796.63	793.06	789.81	3.93	3.91	-97.30	-99.01	-48.42	104.81	96.02	8.78	11.933	
900.00	894.44	891.29	885.94	4.16	4.13	-97.79	-106.56	-67.11	114.70	105.48	9.22	12.436	
1,000.00	991.67	989.44	981.27	4.43	4.40	-98.03	-115.33	-88.80	126.10	116.34	9.76	12.926	
1,100.00	1,088.87	1,088.74	1,077.38	4.74	4.72	-97.84	-124.67	-111.93	137.94	127.58	10.36	13.309	
1,200.00	1,186.06	1,188.03	1,173.49	5.08	5.07	-97.68	-134.02	-135.06	149.79	138.76	11.03	13.582	
1,300.00	1,283.26	1,287.33	1,269.60	5.43	5.45	-97.55	-143.36	-158.19	161.64	149.90	11.74	13.773	
1,400.00	1,380.45	1,386.62	1,365.71	5.81	5.84	-97.43	-152.71	-181.32	173.49	161.01	12.48	13.902	
1,500.00	1,477.65	1,485.92	1,461.82	6.19	6.25	-97.32	-162.05	-204.45	185.34	172.09	13.25	13.986	
1,600.00	1,574.85	1,585.21	1,557.93	6.59	6.67	-97.23	-171.40	-227.58	197.19	183.14	14.05	14.037	
1,700.00	1,672.04	1,684.51	1,654.04	7.00	7.10	-97.15	-180.74	-250.71	209.04	194.18	14.86	14.063	
1,800.00	1,769.24	1,783.80	1,750.15	7.23	7.38	-97.08	-190.08	-273.84	220.90	205.92	14.97	14.754	
1,900.00	1,866.43	1,883.10	1,846.26	7.30	7.48	-97.02	-199.43	-296.96	232.75	217.62	15.13	15.382	
2,000.00	1,963.63	1,982.39	1,942.37	7.39	7.58	-96.96	-208.77	-320.09	244.60	229.28	15.32	15.967	
2,100.00	2,060.83	2,081.69	2,038.48	7.52	7.71	-96.90	-218.12	-343.22	256.45	240.89	15.57	16.476	
2,200.00	2,158.02	2,180.98	2,134.59	7.67	7.87	-96.86	-227.46	-366.35	268.31	252.44	15.87	16.909	
2,300.00	2,255.22	2,280.28	2,230.70	7.85	8.06	-96.81	-236.81	-389.48	280.16	263.94	16.22	17.270	
2,400.00	2,352.42	2,379.57	2,326.81	8.05	8.27	-96.77	-246.15	-412.61	292.01	275.39	16.63	17.563	
2,500.00	2,449.61	2,478.87	2,422.92	8.28	8.51	-96.73	-255.50	-435.74	303.87	286.79	17.08	17.795	
2,600.00	2,546.81	2,578.16	2,519.03	8.53	8.77	-96.70	-264.84	-458.87	315.72	298.15	17.57	17.972	
2,700.00	2,644.00	2,677.45	2,615.14	8.79	9.06	-96.67	-274.19	-482.00	327.58	309.48	18.10	18.101	
2,800.00	2,741.20	2,776.75	2,711.25	9.08	9.36	-96.64	-283.53	-505.12	339.43	320.77	18.66	18.189	
2,900.00	2,838.40	2,876.04	2,807.36	9.37	9.67	-96.61	-292.88	-528.25	351.28	332.03	19.26	18.241	
3,000.00	2,935.59	2,975.34	2,903.47	9.69	10.01	-96.58	-302.22	-551.38	363.14	343.26	19.88	18.264	
3,100.00	3,032.79	3,074.63	2,999.58	10.01	10.35	-96.56	-311.57	-574.51	374.99	354.46	20.53	18.262	
3,200.00	3,129.98	3,173.93	3,095.69	10.35	10.71	-96.54	-320.91	-597.64	386.85	365.64	21.21	18.240	
3,300.00	3,227.18	3,273.22	3,191.80	10.70	11.08	-96.51	-330.25	-620.77	398.70	376.80	21.91	18.201	
3,400.00	3,324.38	3,372.52	3,287.91	11.06	11.46	-96.49	-339.60	-643.90	410.55	387.93	22.62	18.149	
3,500.00	3,421.57	3,471.81	3,384.02	11.42	11.85	-96.47	-348.94	-667.03	422.41	399.06	23.35	18.087	
3,600.00	3,518.77	3,571.11	3,480.13	11.80	12.25	-96.46	-358.29	-690.16	434.26	410.16	24.10	18.017	
3,700.00	3,615.96	3,670.40	3,576.24	12.18	12.65	-96.44	-367.63	-713.28	446.12	421.25	24.87	17.940	
3,800.00	3,713.16	3,769.70	3,672.35	12.57	13.06	-96.42	-376.98	-736.41	457.97	432.33	25.64	17.859	
3,900.00	3,810.36	3,868.99	3,768.46	12.96	13.48	-96.41	-386.32	-759.54	469.83	443.40	26.43	17.775	
4,000.00	3,907.55	3,968.29	3,864.57	13.36	13.91	-96.39	-395.67	-782.67	481.68	454.45	27.23	17.688	
4,100.00	4,004.75	4,067.58	3,960.68	13.76	14.33	-96.38	-405.01	-805.80	493.54	465.50	28.04	17.601	
4,200.00	4,101.95	4,166.88	4,056.80	14.17	14.77	-96.37	-414.36	-828.93	505.39	476.53	28.86	17.512	
4,300.00	4,199.14	4,266.17	4,152.91	14.58	15.21	-96.35	-423.70	-852.06	517.25	487.56	29.69	17.424	
4,400.00	4,296.34	4,365.47	4,249.02	15.00	15.65	-96.34	-433.05	-875.19	529.10	498.58	30.52	17.336	
4,500.00	4,393.53	4,464.76	4,345.13	15.42	16.09	-96.33	-442.39	-898.32	540.96	509.59	31.36	17.249	
4,600.00	4,490.73	4,564.06	4,441.24	15.84	16.54	-96.32	-451.74	-921.44	552.81	520.60	32.21	17.163	
4,700.00	4,587.93	4,663.35	4,537.35	16.27	16.99	-96.31	-461.08	-944.57	564.66	531.60	33.06	17.078	
4,800.00	4,685.12	4,762.65	4,633.46	16.70	17.44	-96.30	-470.42	-967.70	576.52	542.60	33.92	16.995	
4,900.00	4,782.32	4,861.94	4,729.57	17.13	17.90	-96.29	-479.77	-990.83	588.37	553.59	34.79	16.914	
5,000.00	4,879.51	4,961.23	4,825.68	17.56	18.36	-96.28	-489.11	-1,013.96	600.23	564.57	35.66	16.834	
5,100.00	4,976.71	5,060.53	4,921.79	18.00	18.82	-96.27	-498.46	-1,037.09	612.08	575.56	36.53	16.756	
5,200.00	5,073.91	5,159.82	5,017.90	18.44	19.29	-96.26	-507.80	-1,060.22	623.94	586.53	37.41	16.680	
5,300.00	5,171.10	5,259.12	5,114.01	18.88	19.75	-96.25	-517.15	-1,083.35	635.79	597.51	38.29	16.606	
5,400.00	5,268.30	5,358.41	5,210.12	19.32	20.22	-96.24	-526.49	-1,106.48	647.65	608.48	39.17	16.534	
5,500.00	5,365.49	5,457.71	5,306.23	19.76	20.69	-96.24	-535.84	-1,129.60	659.50	619.44	40.06	16.463	
5,600.00	5,462.69	5,557.00	5,402.34	20.21	21.16	-96.23	-545.18	-1,152.73	671.36	630.41	40.95	16.394	
5,700.00	5,559.89	5,656.30	5,498.45	20.65	21.63	-96.22	-554.53	-1,175.86	683.21	641.37	41.84	16.328	
5,800.00	5,657.08	5,755.59	5,594.56	21.10	22.10	-96.21	-563.87	-1,198.99	695.07	652.33	42.74	16.262	
5,900.00	5,754.28	5,854.89	5,690.67	21.55	22.58	-96.21	-573.22	-1,222.12	706.92	663.28	43.64	16.199	
6,000.00	5,851.47	5,954.18	5,786.78	22.00	23.05	-96.20	-582.56	-1,245.25	718.78	674.24	44.54	16.137	
6,100.00	5,948.67	6,053.48	5,882.89	22.45	23.53	-96.19	-591.91	-1,268.38	730.63	685.19	45.44	16.077	
6,200.00	6,045.87	6,152.77	5,979.00	22.90	24.01	-96.19	-601.25	-1,291.51	742.49	696.14	46.35	16.019	
6,300.00	6,143.06	6,252.07	6,075.11	23.35	24.48	-96.18	-610.60	-1,314.64	754.34	707.08	47.26	15.962	
6,400.00	6,240.26	6,351.36	6,171.22	23.81	24.96	-96.18	-619.94	-1,337.76	766.20	718.03	48.17	15.907	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,337.46	6,450.66	6,267.33	24.26	25.44	-96.17	-629.28	-1,360.89	778.05	728.97	49.08	15.853	
6,600.00	6,435.13	6,549.88	6,363.38	24.60	25.93	-99.92	-638.62	-1,384.01	789.90	740.04	49.86	15.842	
6,700.00	6,534.73	6,646.74	6,457.71	24.75	26.25	165.13	-647.81	-1,403.73	801.81	751.56	50.25	15.957	
6,800.00	6,634.24	6,744.28	6,554.49	24.84	26.40	98.01	-657.31	-1,409.86	814.00	763.60	50.39	16.153	
6,900.00	6,731.20	6,844.10	6,653.31	24.90	26.48	93.76	-667.09	-1,400.70	826.19	775.72	50.47	16.369	
7,000.00	6,823.22	6,946.46	6,751.87	25.00	26.54	92.30	-676.94	-1,375.33	838.10	787.52	50.58	16.570	
7,100.00	6,908.04	7,051.52	6,847.47	25.18	26.61	91.59	-686.58	-1,333.15	849.40	798.58	50.83	16.712	
7,200.00	6,983.56	7,159.37	6,937.06	25.51	26.77	91.19	-695.72	-1,274.03	859.77	808.43	51.34	16.745	
7,300.00	7,047.94	7,269.98	7,017.28	26.05	27.07	90.96	-704.02	-1,198.52	868.89	816.61	52.28	16.619	
7,400.00	7,099.58	7,383.19	7,084.65	26.83	27.61	90.83	-711.14	-1,108.02	876.45	822.68	53.77	16.299	
7,500.00	7,137.21	7,498.62	7,135.82	27.88	28.46	90.77	-716.73	-1,004.88	882.19	826.29	55.90	15.781	
7,600.00	7,159.91	7,615.75	7,167.97	29.17	29.66	90.76	-720.49	-892.48	885.90	827.24	58.66	15.103	
7,700.00	7,167.34	7,732.27	7,179.16	30.64	31.15	90.77	-722.21	-776.67	887.43	825.58	61.85	14.348	
7,800.00	7,169.37	7,832.27	7,181.01	32.29	32.66	90.76	-722.92	-676.69	888.05	822.93	65.12	13.637	
7,900.00	7,171.40	7,932.27	7,182.85	34.12	34.36	90.75	-723.64	-576.71	888.67	819.93	68.74	12.928	
8,000.00	7,173.43	8,032.26	7,184.70	36.10	36.23	90.73	-724.35	-476.73	889.28	816.62	72.66	12.238	
8,100.00	7,175.46	8,132.26	7,186.55	38.21	38.26	90.72	-725.06	-376.75	889.90	813.05	76.85	11.580	
8,200.00	7,177.48	8,232.26	7,188.39	40.42	40.40	90.71	-725.78	-276.78	890.52	809.27	81.25	10.960	
8,300.00	7,179.51	8,332.26	7,190.24	42.73	42.65	90.70	-726.49	-176.80	891.13	805.30	85.84	10.382	
8,400.00	7,181.54	8,432.26	7,192.09	45.11	44.99	90.68	-727.20	-76.82	891.75	801.17	90.58	9.845	
8,500.00	7,183.57	8,532.25	7,193.93	47.56	47.40	90.67	-727.92	23.16	892.37	796.91	95.46	9.348	
8,600.00	7,185.60	8,632.25	7,195.78	50.06	49.88	90.66	-728.63	123.14	892.99	792.53	100.45	8.890	
8,700.00	7,187.63	8,732.25	7,197.63	52.61	52.40	90.65	-729.34	223.12	893.60	788.06	105.54	8.467	
8,800.00	7,189.66	8,832.25	7,199.47	55.21	54.98	90.64	-730.06	323.09	894.22	783.51	110.72	8.077	
8,900.00	7,191.68	8,932.24	7,201.32	57.84	57.59	90.62	-730.77	423.07	894.84	778.88	115.96	7.717	
9,000.00	7,193.71	9,032.24	7,203.17	60.50	60.23	90.61	-731.48	523.05	895.46	774.19	121.27	7.384	
9,100.00	7,195.74	9,132.24	7,205.01	63.18	62.91	90.60	-732.20	623.03	896.07	769.44	126.64	7.076	
9,200.00	7,197.77	9,232.24	7,206.86	65.89	65.60	90.59	-732.91	723.01	896.69	764.64	132.05	6.791	
9,300.00	7,199.80	9,332.24	7,208.71	68.62	68.33	90.58	-733.62	822.99	897.31	759.81	137.50	6.526	
9,400.00	7,201.83	9,432.23	7,210.56	71.37	71.07	90.56	-734.34	922.96	897.93	754.93	143.00	6.279	
9,500.00	7,203.86	9,532.23	7,212.40	74.14	73.83	90.55	-735.05	1,022.94	898.55	750.02	148.53	6.050	
9,600.00	7,205.88	9,632.23	7,214.25	76.92	76.60	90.54	-735.76	1,122.92	899.16	745.08	154.08	5.836	
9,700.00	7,207.91	9,732.23	7,216.10	79.71	79.39	90.53	-736.48	1,222.90	899.78	740.12	159.67	5.635	
9,800.00	7,209.94	9,832.23	7,217.94	82.52	82.19	90.52	-737.19	1,322.88	900.40	735.13	165.27	5.448	
9,900.00	7,211.97	9,932.22	7,219.79	85.33	85.00	90.50	-737.90	1,422.86	901.02	730.11	170.90	5.272	
10,000.00	7,214.00	10,032.22	7,221.64	88.16	87.83	90.49	-738.62	1,522.83	901.64	725.08	176.55	5.107	
10,100.00	7,216.03	10,132.22	7,223.48	90.99	90.66	90.48	-739.33	1,622.81	902.25	720.03	182.22	4.951	
10,200.00	7,218.06	10,232.22	7,225.33	93.84	93.50	90.47	-740.04	1,722.79	902.87	714.97	187.90	4.805	
10,300.00	7,220.09	10,332.22	7,227.18	96.69	96.34	90.46	-740.76	1,822.77	903.49	709.89	193.60	4.667	
10,400.00	7,222.11	10,432.21	7,229.02	99.54	99.20	90.45	-741.47	1,922.75	904.11	704.80	199.31	4.536	
10,500.00	7,224.14	10,532.21	7,230.87	102.41	102.06	90.43	-742.18	2,022.73	904.73	699.69	205.04	4.413	
10,600.00	7,226.17	10,632.21	7,232.72	105.27	104.93	90.42	-742.90	2,122.70	905.35	694.57	210.77	4.295	
10,700.00	7,228.20	10,732.21	7,234.57	108.15	107.80	90.41	-743.61	2,222.68	905.96	689.45	216.52	4.184	
10,800.00	7,230.23	10,832.21	7,236.41	111.02	110.67	90.40	-744.32	2,322.66	906.58	684.31	222.27	4.079	
10,900.00	7,232.26	10,932.20	7,238.26	113.91	113.56	90.39	-745.04	2,422.64	907.20	679.17	228.04	3.978	
11,000.00	7,234.29	11,032.20	7,240.11	116.79	116.44	90.37	-745.75	2,522.62	907.82	674.01	233.81	3.883	
11,100.00	7,236.31	11,132.20	7,241.95	119.68	119.33	90.36	-746.46	2,622.60	908.44	668.85	239.59	3.792	
11,200.00	7,238.34	11,232.20	7,243.80	122.58	122.22	90.35	-747.18	2,722.57	909.06	663.68	245.37	3.705	
11,300.00	7,240.37	11,332.19	7,245.65	125.47	125.12	90.34	-747.89	2,822.55	909.67	658.51	251.17	3.622	
11,400.00	7,242.40	11,432.19	7,247.49	128.37	128.02	90.33	-748.60	2,922.53	910.29	653.33	256.97	3.542	
11,500.00	7,244.43	11,532.19	7,249.34	131.27	130.92	90.32	-749.32	3,022.51	910.91	648.14	262.77	3.467	
11,600.00	7,246.46	11,632.19	7,251.19	134.18	133.83	90.30	-750.03	3,122.49	911.53	642.95	268.58	3.394	
11,700.00	7,248.49	11,732.19	7,253.03	137.09	136.74	90.29	-750.74	3,222.46	912.15	637.75	274.40	3.324	
11,800.00	7,250.51	11,832.18	7,254.88	140.00	139.65	90.28	-751.46	3,322.44	912.77	632.55	280.22	3.257	
11,900.00	7,252.54	11,932.18	7,256.73	142.91	142.56	90.27	-752.17	3,422.42	913.39	627.34	286.04	3.193	
12,000.00	7,254.57	12,032.18	7,258.58	145.82	145.47	90.26	-752.88	3,522.40	914.01	622.13	291.87	3.132	
12,100.00	7,256.60	12,132.18	7,260.42	148.74	148.39	90.25	-753.60	3,622.38	914.62	616.92	297.71	3.072	
12,200.00	7,258.63	12,232.18	7,262.27	151.66	151.31	90.24	-754.31	3,722.36	915.24	611.70	303.54	3.015	
12,300.00	7,260.66	12,332.17	7,264.12	154.58	154.23	90.22	-755.02	3,822.33	915.86	606.48	309.38	2.960	
12,400.00	7,262.69	12,432.17	7,265.96	157.50	157.15	90.21	-755.74	3,922.31	916.48	601.25	315.23	2.907	
12,500.00	7,264.71	12,532.17	7,267.81	160.42	160.07	90.20	-756.45	4,022.29	917.10	596.03	321.07	2.856	
12,600.00	7,266.74	12,632.17	7,269.66	163.35	163.00	90.19	-757.16	4,122.27	917.72	590.80	326.92	2.807	
12,700.00	7,268.77	12,732.17	7,271.50	166.27	165.93	90.18	-757.88	4,222.25	918.34	585.56	332.77	2.760	
12,800.00	7,270.80	12,832.16	7,273.35	169.20	168.85	90.17	-758.59	4,322.23	918.96	580.33	338.63	2.714	
12,900.00	7,272.83	12,932.16	7,275.20	172.13	171.78	90.15	-759.30	4,422.20	919.58	575.09	344.49	2.669	
13,000.00	7,274.86	13,032.16	7,277.04	175.06	174.71	90.14	-760.02	4,522.18	920.20	569.85	350.35	2.627	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,276.89	13,132.16	7,278.89	177.99	177.64	90.13	-760.73	4,622.16	920.81	564.61	356.21	2.585	
13,200.00	7,278.91	13,232.16	7,280.74	180.92	180.58	90.12	-761.44	4,722.14	921.43	559.36	362.07	2.545	
13,300.00	7,280.94	13,332.15	7,282.59	183.85	183.51	90.11	-762.16	4,822.12	922.05	554.11	367.94	2.506	
13,400.00	7,282.97	13,432.15	7,284.43	186.78	186.44	90.10	-762.87	4,922.10	922.67	548.87	373.81	2.468	
13,500.00	7,285.00	13,532.15	7,286.28	189.72	189.38	90.09	-763.58	5,022.07	923.29	543.62	379.68	2.432	
13,600.00	7,287.03	13,632.15	7,288.13	192.65	192.32	90.08	-764.30	5,122.05	923.91	538.36	385.55	2.396	
13,700.00	7,289.06	13,743.61	7,290.18	195.59	195.59	90.06	-764.78	5,233.49	924.29	532.55	391.74	2.359	
13,800.00	7,291.09	13,843.61	7,292.03	198.53	198.52	90.05	-764.25	5,333.47	923.67	526.06	397.61	2.323	
13,900.00	7,293.11	13,943.60	7,293.88	201.46	201.45	90.04	-763.73	5,433.45	923.05	519.57	403.48	2.288	
14,000.00	7,295.14	14,043.60	7,295.73	204.40	204.39	90.03	-763.20	5,533.43	922.43	513.07	409.35	2.253	
14,100.00	7,297.17	14,143.60	7,297.57	207.34	207.32	90.02	-762.67	5,633.41	921.81	506.58	415.23	2.220	
14,200.00	7,299.20	14,243.60	7,299.42	210.28	210.26	90.01	-762.15	5,733.39	921.19	500.08	421.11	2.188	
14,300.00	7,301.23	14,343.60	7,301.27	213.22	213.20	90.00	-761.62	5,833.37	920.57	493.58	426.99	2.156	
14,400.00	7,303.26	14,443.59	7,303.11	216.16	216.14	89.98	-761.09	5,933.35	919.94	487.08	432.86	2.125	
14,500.00	7,305.29	14,543.59	7,304.96	219.10	219.08	89.97	-760.56	6,033.33	919.32	480.58	438.75	2.095	
14,600.00	7,307.31	14,643.59	7,306.81	222.05	222.02	89.96	-760.04	6,133.31	918.70	474.08	444.63	2.066	
14,700.00	7,309.34	14,743.59	7,308.65	224.99	224.96	89.95	-759.51	6,233.29	918.08	467.57	450.51	2.038	
14,800.00	7,311.37	14,843.59	7,310.50	227.93	227.90	89.94	-758.98	6,333.27	917.46	461.07	456.39	2.010	
14,900.00	7,313.40	14,943.58	7,312.35	230.88	230.84	89.93	-758.46	6,433.25	916.84	454.56	462.28	1.983	
15,000.00	7,315.43	15,043.58	7,314.19	233.82	233.78	89.92	-757.93	6,533.23	916.22	448.06	468.17	1.957	
15,100.00	7,317.46	15,143.58	7,316.04	236.76	236.73	89.90	-757.40	6,633.21	915.60	441.55	474.05	1.931	
15,200.00	7,319.49	15,243.58	7,317.89	239.71	239.67	89.89	-756.88	6,733.19	914.98	435.04	479.94	1.906	
15,300.00	7,321.52	15,343.58	7,319.73	242.66	242.61	89.88	-756.35	6,833.16	914.36	428.53	485.83	1.882	
15,400.00	7,323.54	15,443.57	7,321.58	245.60	245.56	89.87	-755.82	6,933.14	913.74	422.02	491.72	1.858	
15,500.00	7,325.57	15,543.57	7,323.43	248.55	248.50	89.86	-755.30	7,033.12	913.12	415.51	497.61	1.835	
15,600.00	7,327.60	15,643.57	7,325.27	251.49	251.44	89.85	-754.77	7,133.10	912.50	409.00	503.50	1.812	
15,700.00	7,329.63	15,743.57	7,327.12	254.44	254.39	89.84	-754.24	7,233.08	911.88	402.49	509.39	1.790	
15,800.00	7,331.66	15,843.56	7,328.97	257.39	257.33	89.82	-753.72	7,333.06	911.26	395.98	515.28	1.768	
15,900.00	7,333.69	15,943.56	7,330.82	260.34	260.28	89.81	-753.19	7,433.04	910.64	389.46	521.18	1.747	
16,000.00	7,335.72	16,043.56	7,332.66	263.29	263.23	89.80	-752.66	7,533.02	910.02	382.95	527.07	1.727	
16,100.00	7,337.74	16,143.56	7,334.51	266.23	266.17	89.79	-752.14	7,633.00	909.40	376.44	532.97	1.706	
16,200.00	7,339.77	16,243.56	7,336.36	269.18	269.12	89.78	-751.61	7,732.98	908.78	369.92	538.86	1.686	
16,300.00	7,341.80	16,343.55	7,338.20	272.13	272.07	89.77	-751.08	7,832.96	908.16	363.41	544.76	1.667	
16,400.00	7,343.83	16,443.55	7,340.05	275.08	275.01	89.75	-750.56	7,932.94	907.54	356.89	550.65	1.648	
16,500.00	7,345.86	16,543.55	7,341.90	278.03	277.96	89.74	-750.03	8,032.92	906.92	350.37	556.55	1.630	
16,600.00	7,347.89	16,643.55	7,343.74	280.98	280.91	89.73	-749.50	8,132.90	906.30	343.86	562.45	1.611	
16,700.00	7,349.92	16,743.55	7,345.59	283.93	283.86	89.72	-748.98	8,232.88	905.68	337.34	568.34	1.594	
16,800.00	7,351.94	16,843.54	7,347.44	286.88	286.81	89.71	-748.45	8,332.86	905.07	330.82	574.24	1.576	
16,900.00	7,353.97	16,943.54	7,349.28	289.83	289.75	89.70	-747.92	8,432.84	904.45	324.30	580.14	1.559	
17,000.00	7,356.00	17,043.54	7,351.13	292.78	292.70	89.68	-747.40	8,532.82	903.83	317.79	586.04	1.542	
17,100.00	7,358.03	17,143.54	7,352.98	295.74	295.65	89.67	-746.87	8,632.80	903.21	311.27	591.94	1.526	
17,200.00	7,360.06	17,243.54	7,354.82	298.69	298.60	89.66	-746.34	8,732.77	902.59	304.75	597.84	1.510	
17,300.00	7,362.09	17,343.53	7,356.67	301.64	301.55	89.65	-745.81	8,832.75	901.97	298.23	603.74	1.494 Level 3	
17,400.00	7,364.12	17,443.53	7,358.52	304.59	304.50	89.64	-745.29	8,932.73	901.35	291.71	609.64	1.478 Level 3	
17,500.00	7,366.14	17,543.53	7,360.37	307.54	307.45	89.63	-744.76	9,032.71	900.73	285.19	615.54	1.463 Level 3	
17,600.00	7,368.17	17,643.53	7,362.21	310.50	310.40	89.61	-744.23	9,132.69	900.11	278.67	621.44	1.448 Level 3	
17,640.78	7,369.00	17,684.31	7,362.97	311.70	311.60	89.61	-744.02	9,173.47	899.86	276.01	623.85	1.442 Level 3, SF	

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	-179.47	-59.74	-0.56	59.75					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-59.74	-0.56	59.75	52.22	7.53	7.938		
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-59.74	-0.56	59.75	52.18	7.57	7.894		
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-59.74	-0.56	59.75	52.18	7.57	7.894	CC, ES	
300.00	300.00	299.76	299.76	3.34	3.34	-95.47	-59.84	-0.98	59.89	52.24	7.65	7.827		
400.00	399.93	399.27	399.20	3.41	3.40	-95.54	-60.61	-4.35	61.03	53.26	7.77	7.854		
500.00	499.68	498.75	498.43	3.49	3.49	-95.67	-62.15	-11.08	63.31	55.37	7.94	7.976		
600.00	599.13	598.18	597.32	3.60	3.60	-95.84	-64.46	-21.16	66.72	58.56	8.16	8.179		
700.00	698.15	697.54	695.73	3.75	3.74	-96.03	-67.53	-34.56	71.26	62.82	8.44	8.441		
800.00	796.63	796.83	793.51	3.93	3.92	-96.23	-71.36	-51.27	76.93	68.13	8.80	8.739		
900.00	894.44	896.01	890.55	4.16	4.15	-96.43	-75.94	-71.26	83.72	74.47	9.25	9.047		
1,000.00	991.67	1,004.67	987.01	4.43	4.45	-96.34	-81.21	-94.30	91.47	81.64	9.83	9.309		
1,100.00	1,088.87	1,095.01	1,083.67	4.74	4.74	-96.02	-86.65	-118.05	99.38	88.96	10.42	9.542		
1,200.00	1,186.06	1,205.30	1,180.33	5.08	5.13	-95.75	-92.10	-141.81	107.29	96.17	11.12	9.646		
1,300.00	1,283.26	1,305.62	1,276.99	5.43	5.50	-95.51	-97.54	-165.56	115.20	103.36	11.84	9.730		
1,400.00	1,380.45	1,405.93	1,373.65	5.81	5.89	-95.31	-102.98	-189.31	123.11	110.52	12.59	9.776		
1,500.00	1,477.65	1,506.24	1,470.32	6.19	6.30	-95.13	-108.42	-213.07	131.03	117.65	13.37	9.797		
1,600.00	1,574.85	1,606.56	1,566.98	6.59	6.72	-94.97	-113.86	-236.82	138.94	124.77	14.18	9.799		
1,700.00	1,672.04	1,706.87	1,663.64	7.00	7.13	-94.83	-119.30	-260.58	146.86	131.87	14.99	9.797		
1,800.00	1,769.24	1,807.19	1,760.30	7.23	7.36	-94.70	-124.74	-284.33	154.78	139.72	15.06	10.277		
1,900.00	1,866.43	1,907.50	1,856.96	7.30	7.43	-94.58	-130.18	-308.09	162.70	147.50	15.20	10.707		
2,000.00	1,963.63	2,007.82	1,953.62	7.39	7.54	-94.48	-135.62	-331.84	170.62	155.23	15.39	11.085		
2,100.00	2,060.83	2,108.13	2,050.28	7.52	7.67	-94.38	-141.06	-355.59	178.54	162.89	15.65	11.410		
2,200.00	2,158.02	2,208.45	2,146.94	7.67	7.84	-94.29	-146.50	-379.35	186.46	170.50	15.96	11.683		
2,300.00	2,255.22	2,308.76	2,243.60	7.85	8.03	-94.21	-151.94	-403.10	194.38	178.05	16.32	11.908		
2,400.00	2,352.42	2,409.08	2,340.26	8.05	8.25	-94.14	-157.38	-426.86	202.30	185.56	16.74	12.087		
2,500.00	2,449.61	2,509.39	2,436.92	8.28	8.49	-94.07	-162.82	-450.61	210.22	193.02	17.20	12.226		
2,600.00	2,546.81	2,590.30	2,533.59	8.53	8.70	-94.01	-168.26	-474.36	218.14	200.50	17.64	12.363		
2,700.00	2,644.00	2,689.98	2,630.25	8.79	8.98	-93.95	-173.70	-498.12	226.06	207.89	18.18	12.437		
2,800.00	2,741.20	2,789.67	2,726.91	9.08	9.27	-93.89	-179.14	-521.87	233.99	215.24	18.75	12.482		
2,900.00	2,838.40	2,889.35	2,823.57	9.37	9.59	-93.84	-184.58	-545.63	241.91	222.56	19.34	12.505		
3,000.00	2,935.59	2,989.04	2,920.23	9.69	9.91	-93.79	-190.02	-569.38	249.83	229.86	19.97	12.508		
3,100.00	3,032.79	3,088.72	3,016.89	10.01	10.25	-93.75	-195.46	-593.14	257.75	237.13	20.63	12.496		
3,200.00	3,129.98	3,188.41	3,113.55	10.35	10.60	-93.71	-200.90	-616.89	265.67	244.37	21.31	12.491		
3,300.00	3,227.18	3,288.09	3,210.21	10.70	10.97	-93.67	-206.34	-640.64	273.60	251.59	22.00	12.434		
3,400.00	3,324.38	3,387.78	3,306.87	11.06	11.34	-93.63	-211.78	-664.40	281.52	258.80	22.72	12.389		
3,500.00	3,421.57	3,487.47	3,403.53	11.42	11.72	-93.59	-217.23	-688.15	289.44	265.99	23.46	12.339		
3,600.00	3,518.77	3,587.15	3,500.19	11.80	12.11	-93.56	-222.67	-711.91	297.37	273.16	24.21	12.283		
3,700.00	3,615.96	3,686.84	3,596.86	12.18	12.51	-93.53	-228.11	-735.66	305.29	280.31	24.98	12.223		
3,800.00	3,713.16	3,786.52	3,693.52	12.57	12.91	-93.50	-233.55	-759.41	313.21	287.46	25.76	12.161		
3,900.00	3,810.36	3,886.21	3,790.18	12.96	13.32	-93.47	-238.99	-783.17	321.14	294.59	26.55	12.097		
4,000.00	3,907.55	3,985.89	3,886.84	13.36	13.74	-93.44	-244.43	-806.92	329.06	301.71	27.35	12.032		
4,100.00	4,004.75	4,085.58	3,983.50	13.76	14.16	-93.41	-249.87	-830.68	336.98	308.82	28.16	11.967		
4,200.00	4,101.95	4,185.26	4,080.16	14.17	14.59	-93.39	-255.31	-854.43	344.91	315.93	28.98	11.901		
4,300.00	4,199.14	4,284.95	4,176.82	14.58	15.01	-93.36	-260.75	-878.19	352.83	323.02	29.81	11.836		
4,400.00	4,296.34	4,384.63	4,273.48	15.00	15.45	-93.34	-266.19	-901.94	360.76	330.11	30.65	11.772		
4,500.00	4,393.53	4,484.32	4,370.14	15.42	15.89	-93.32	-271.63	-925.69	368.68	337.19	31.49	11.708		
4,600.00	4,490.73	4,584.01	4,466.80	15.84	16.33	-93.30	-277.07	-949.45	376.60	344.26	32.34	11.645		
4,700.00	4,587.93	4,683.69	4,563.46	16.27	16.77	-93.28	-282.51	-973.20	384.53	351.33	33.20	11.584		
4,800.00	4,685.12	4,783.38	4,660.13	16.70	17.21	-93.26	-287.95	-996.96	392.45	358.39	34.06	11.523		
4,900.00	4,782.32	4,883.06	4,756.79	17.13	17.66	-93.24	-293.39	-1,020.71	400.37	365.45	34.92	11.464		
5,000.00	4,879.51	4,982.75	4,853.45	17.56	18.11	-93.22	-298.83	-1,044.47	408.30	372.50	35.79	11.407		
5,100.00	4,976.71	5,082.43	4,950.11	18.00	18.57	-93.21	-304.27	-1,068.22	416.22	379.55	36.67	11.351		
5,200.00	5,073.91	5,182.12	5,046.77	18.44	19.02	-93.19	-309.71	-1,091.97	424.15	386.60	37.55	11.296		
5,300.00	5,171.10	5,281.80	5,143.43	18.88	19.48	-93.17	-315.15	-1,115.73	432.07	393.64	38.43	11.242		
5,400.00	5,268.30	5,381.49	5,240.09	19.32	19.94	-93.16	-320.59	-1,139.48	440.00	400.68	39.32	11.191		
5,500.00	5,365.49	5,481.17	5,336.75	19.76	20.40	-93.14	-326.03	-1,163.24	447.92	407.71	40.21	11.140		
5,600.00	5,462.69	5,580.86	5,433.41	20.21	20.86	-93.13	-331.47	-1,186.99	455.84	414.74	41.10	11.091		
5,700.00	5,559.89	5,680.55	5,530.07	20.65	21.32	-93.11	-336.91	-1,210.74	463.77	421.77	42.00	11.043		
5,800.00	5,657.08	5,780.23	5,626.73	21.10	21.79	-93.10	-342.36	-1,234.50	471.69	428.80	42.90	10.996		
5,900.00	5,754.28	5,879.92	5,723.40	21.55	22.25	-93.09	-347.80	-1,258.25	479.62	435.82	43.80	10.951		
6,000.00	5,851.47	5,979.60	5,820.06	22.00	22.72	-93.08	-353.24	-1,282.01	487.54	442.84	44.70	10.907		
6,100.00	5,948.67	6,079.29	5,916.72	22.45	23.19	-93.06	-358.68	-1,305.76	495.47	449.86	45.60	10.864		
6,200.00	6,045.87	6,178.97	6,013.38	22.90	23.66	-93.05	-364.12	-1,329.52	503.39	456.88	46.51	10.823		
6,300.00	6,143.06	6,278.66	6,110.04	23.35	24.13	-93.04	-369.56	-1,353.27	511.31	463.89	47.42	10.782		
6,400.00	6,240.26	6,378.34	6,206.70	23.81	24.60	-93.03	-375.00	-1,377.02	519.24	470.91	48.33	10.743		

Offset Design5N-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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
6,500.00	6,337.46	6,478.70	6,304.23	24.26	25.00	-93.13	-380.50	-1,399.97	527.14	477.96	49.18	10.718	
6,600.00	6,435.13	6,578.86	6,403.55	24.60	25.16	-98.04	-386.25	-1,410.58	534.99	485.23	49.76	10.751	
6,700.00	6,534.73	6,676.96	6,501.26	24.75	25.25	165.11	-392.07	-1,405.72	543.39	493.34	50.06	10.855	
6,800.00	6,634.24	6,773.30	6,595.38	24.84	25.31	96.11	-397.85	-1,386.39	552.19	501.97	50.22	10.996	
6,900.00	6,731.20	6,868.08	6,684.07	24.90	25.37	90.07	-403.47	-1,353.71	561.11	510.77	50.34	11.147	
7,000.00	6,823.22	6,961.50	6,765.80	25.00	25.49	86.96	-408.80	-1,308.96	569.88	519.37	50.52	11.281	
7,100.00	6,908.04	7,053.76	6,839.24	25.18	25.70	84.75	-413.77	-1,253.47	578.24	527.39	50.85	11.371	
7,200.00	6,983.56	7,145.07	6,903.29	25.51	26.05	83.05	-418.29	-1,188.65	585.93	534.47	51.46	11.385	
7,300.00	7,047.94	7,235.62	6,957.02	26.05	26.58	81.71	-422.29	-1,115.97	592.71	540.26	52.45	11.300	
7,400.00	7,099.58	7,325.61	6,999.68	26.83	27.30	80.70	-425.71	-1,036.89	598.39	544.50	53.89	11.104	
7,500.00	7,137.21	7,415.21	7,030.68	27.88	28.23	80.00	-428.50	-952.95	602.80	547.00	55.80	10.803	
7,600.00	7,159.91	7,504.60	7,049.59	29.17	29.35	79.59	-430.61	-865.69	605.83	547.67	58.15	10.418	
7,700.00	7,167.34	7,604.81	7,056.23	30.64	30.78	79.47	-432.03	-775.43	607.42	546.39	61.03	9.953	
7,800.00	7,169.37	7,704.82	7,058.19	32.29	32.40	79.48	-433.28	-675.46	608.57	544.27	64.30	9.465	
7,900.00	7,171.40	7,795.17	7,060.14	34.12	34.03	79.50	-434.53	-575.49	609.72	541.99	67.73	9.002	
8,000.00	7,173.43	7,904.83	7,062.10	36.10	36.18	79.51	-435.79	-475.53	610.88	539.05	71.83	8.505	
8,100.00	7,175.46	8,004.84	7,064.06	38.21	38.28	79.52	-437.04	-375.56	612.03	536.04	75.99	8.054	
8,200.00	7,177.48	8,104.85	7,066.01	40.42	40.49	79.54	-438.29	-275.59	613.18	532.82	80.36	7.630	
8,300.00	7,179.51	8,204.85	7,067.97	42.73	42.79	79.55	-439.54	-175.63	614.33	529.42	84.91	7.235	
8,400.00	7,181.54	8,304.86	7,069.92	45.11	45.18	79.56	-440.80	-75.66	615.49	525.87	89.61	6.868	
8,500.00	7,183.57	8,404.87	7,071.88	47.56	47.63	79.58	-442.05	24.30	616.64	522.20	94.44	6.529	
8,600.00	7,185.60	8,504.87	7,073.84	50.06	50.13	79.59	-443.30	124.27	617.79	518.41	99.38	6.216	
8,700.00	7,187.63	8,604.88	7,075.79	52.61	52.69	79.60	-444.55	224.24	618.95	514.53	104.42	5.928	
8,800.00	7,189.66	8,704.89	7,077.75	55.21	55.28	79.61	-445.81	324.20	620.10	510.57	109.53	5.661	
8,900.00	7,191.68	8,795.11	7,079.70	57.84	57.66	79.63	-447.06	424.17	621.25	506.79	114.46	5.428	
9,000.00	7,193.71	8,904.90	7,081.66	60.50	60.58	79.64	-448.31	524.14	622.40	502.44	119.96	5.188	
9,100.00	7,195.74	9,004.91	7,083.62	63.18	63.27	79.65	-449.56	624.10	623.56	498.30	125.26	4.978	
9,200.00	7,197.77	9,104.91	7,085.57	65.89	65.99	79.66	-450.82	724.07	624.71	494.10	130.61	4.783	
9,300.00	7,199.80	9,204.92	7,087.53	68.62	68.72	79.68	-452.07	824.03	625.86	489.87	135.99	4.602	
9,400.00	7,201.83	9,304.93	7,089.48	71.37	71.48	79.69	-453.32	924.00	627.02	485.60	141.42	4.434	
9,500.00	7,203.86	9,404.93	7,091.44	74.14	74.25	79.70	-454.57	1,023.97	628.17	481.30	146.87	4.277	
9,600.00	7,205.88	9,495.06	7,093.40	76.92	76.76	79.71	-455.83	1,123.93	629.32	477.23	152.09	4.138	
9,700.00	7,207.91	9,595.05	7,095.35	79.71	79.55	79.73	-457.08	1,223.90	630.48	472.88	157.60	4.000	
9,800.00	7,209.94	9,704.95	7,097.31	82.52	82.64	79.74	-458.33	1,323.87	631.63	468.22	163.41	3.865	
9,900.00	7,211.97	9,804.96	7,099.26	85.33	85.46	79.75	-459.58	1,423.83	632.78	463.82	168.97	3.745	
10,000.00	7,214.00	9,904.97	7,101.22	88.16	88.29	79.76	-460.84	1,523.80	633.94	459.39	174.54	3.632	
10,100.00	7,216.03	10,004.97	7,103.18	90.99	91.13	79.78	-462.09	1,623.76	635.09	454.95	180.14	3.526	
10,200.00	7,218.06	10,104.98	7,105.13	93.84	93.98	79.79	-463.34	1,723.73	636.24	450.50	185.75	3.425	
10,300.00	7,220.09	10,204.99	7,107.09	96.69	96.83	79.80	-464.59	1,823.70	637.40	446.02	191.37	3.331	
10,400.00	7,222.11	10,304.99	7,109.04	99.54	99.70	79.81	-465.85	1,923.66	638.55	441.54	197.01	3.241	
10,500.00	7,224.14	10,405.00	7,111.00	102.41	102.56	79.82	-467.10	2,023.63	639.70	437.04	202.66	3.157	
10,600.00	7,226.17	10,505.01	7,112.96	105.27	105.43	79.84	-468.35	2,123.60	640.86	432.54	208.32	3.076	
10,700.00	7,228.20	10,605.02	7,114.91	108.15	108.31	79.85	-469.60	2,223.56	642.01	428.02	213.99	3.000	
10,800.00	7,230.23	10,705.02	7,116.87	111.02	111.19	79.86	-470.86	2,323.53	643.16	423.49	219.67	2.928	
10,900.00	7,232.26	10,805.03	7,118.83	113.91	114.08	79.87	-472.11	2,423.49	644.32	418.95	225.37	2.859	
11,000.00	7,234.29	10,905.04	7,120.78	116.79	116.97	79.88	-473.36	2,523.46	645.47	414.41	231.06	2.793	
11,100.00	7,236.31	11,005.04	7,122.74	119.68	119.87	79.89	-474.61	2,623.43	646.62	409.85	236.77	2.731	
11,200.00	7,238.34	11,105.05	7,124.69	122.58	122.76	79.91	-475.87	2,723.39	647.78	405.29	242.48	2.671	
11,300.00	7,240.37	11,205.06	7,126.65	125.47	125.66	79.92	-477.12	2,823.36	648.93	400.73	248.21	2.614	
11,400.00	7,242.40	11,305.06	7,128.61	128.37	128.57	79.93	-478.37	2,923.33	650.08	396.15	253.93	2.560	
11,500.00	7,244.43	11,405.07	7,130.56	131.27	131.47	79.94	-479.62	3,023.29	651.24	391.57	259.67	2.508	
11,600.00	7,246.46	11,505.08	7,132.52	134.18	134.38	79.95	-480.88	3,123.26	652.39	386.99	265.40	2.458	
11,700.00	7,248.49	11,605.08	7,134.47	137.09	137.30	79.96	-482.13	3,223.23	653.55	382.40	271.15	2.410	
11,800.00	7,250.51	11,705.09	7,136.43	140.00	140.21	79.98	-483.38	3,323.19	654.70	377.80	276.90	2.364	
11,900.00	7,252.54	11,794.90	7,138.39	142.91	142.83	79.99	-484.63	3,423.16	655.85	373.50	282.36	2.323	
12,000.00	7,254.57	11,900.80	7,140.43	145.82	145.91	79.99	-485.37	3,523.44	656.46	368.19	288.27	2.277	
12,100.00	7,256.60	12,000.80	7,142.39	148.74	148.83	79.99	-485.96	3,627.41	656.96	362.94	294.02	2.234	
12,200.00	7,258.63	12,100.80	7,144.34	151.66	151.75	79.99	-486.54	3,727.39	657.45	357.68	299.77	2.193	
12,300.00	7,260.66	12,200.80	7,146.30	154.58	154.67	79.99	-487.13	3,827.37	657.95	352.42	305.53	2.153	
12,400.00	7,262.69	12,300.80	7,148.26	157.50	157.59	80.00	-487.72	3,927.35	658.45	347.16	311.29	2.115	
12,500.00	7,264.71	12,400.80	7,150.22	160.42	160.52	80.00	-488.30	4,027.33	658.95	341.89	317.06	2.078	
12,600.00	7,266.74	12,500.80	7,152.18	163.35	163.44	80.00	-488.89	4,127.30	659.45	336.62	322.83	2.043	
12,700.00	7,268.77	12,600.80	7,154.13	166.27	166.37	80.00	-489.48	4,227.28	659.94	331.35	328.60	2.008	
12,800.00	7,270.80	12,700.81	7,156.09	169.20	169.30	80.00	-490.06	4,327.26	660.44	326.07	334.37	1.975	
12,900.00	7,272.83	12,800.81	7,158.05	172.13	172.23	80.00	-490.65	4,427.24	660.94	320.79	340.15	1.943	
13,000.00	7,274.86	12,900.81	7,160.01	175.06	175.16	80.00	-491.24	4,527.21	661.44	315.51	345.92	1.912	



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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,276.89	13,000.81	7,161.97	177.99	178.09	80.01	-491.82	4,627.19	661.94	310.23	351.70	1.882	
13,200.00	7,278.91	13,100.81	7,163.92	180.92	181.03	80.01	-492.41	4,727.17	662.43	304.95	357.49	1.853	
13,300.00	7,280.94	13,200.81	7,165.88	183.85	183.96	80.01	-493.00	4,827.15	662.93	299.66	363.27	1.825	
13,400.00	7,282.97	13,300.81	7,167.84	186.78	186.90	80.01	-493.58	4,927.13	663.43	294.37	369.06	1.798	
13,500.00	7,285.00	13,400.81	7,169.80	189.72	189.83	80.01	-494.17	5,027.10	663.93	289.08	374.85	1.771	
13,600.00	7,287.03	13,500.82	7,171.75	192.65	192.77	80.01	-494.76	5,127.08	664.43	283.79	380.64	1.746	
13,700.00	7,289.06	13,600.82	7,173.71	195.59	195.71	80.01	-495.34	5,227.06	664.92	278.50	386.43	1.721	
13,800.00	7,291.09	13,700.82	7,175.67	198.53	198.65	80.02	-495.93	5,327.04	665.42	273.20	392.22	1.697	
13,900.00	7,293.11	13,800.82	7,177.63	201.46	201.59	80.02	-496.52	5,427.02	665.92	267.90	398.02	1.673	
14,000.00	7,295.14	13,900.82	7,179.59	204.40	204.53	80.02	-497.11	5,526.99	666.42	262.60	403.81	1.650	
14,100.00	7,297.17	14,000.82	7,181.54	207.34	207.47	80.02	-497.69	5,626.97	666.92	257.30	409.61	1.628	
14,200.00	7,299.20	14,100.82	7,183.50	210.28	210.41	80.02	-498.28	5,726.95	667.41	252.00	415.41	1.607	
14,300.00	7,301.23	14,200.82	7,185.46	213.22	213.35	80.02	-498.87	5,826.93	667.91	246.70	421.21	1.586	
14,400.00	7,303.26	14,300.83	7,187.42	216.16	216.29	80.02	-499.45	5,926.90	668.41	241.40	427.01	1.565	
14,500.00	7,305.29	14,400.83	7,189.38	219.10	219.24	80.02	-500.04	6,026.88	668.91	236.09	432.81	1.545	
14,600.00	7,307.31	14,500.83	7,191.33	222.05	222.18	80.03	-500.63	6,126.86	669.41	230.79	438.62	1.526	
14,700.00	7,309.34	14,600.83	7,193.29	224.99	225.13	80.03	-501.21	6,226.84	669.90	225.48	444.42	1.507	
14,800.00	7,311.37	14,700.83	7,195.25	227.93	228.07	80.03	-501.80	6,326.82	670.40	220.17	450.23	1.489 Level 3	
14,900.00	7,313.40	14,800.83	7,197.21	230.88	231.02	80.03	-502.39	6,426.79	670.90	214.86	456.04	1.471 Level 3	
15,000.00	7,315.43	14,900.83	7,199.17	233.82	233.96	80.03	-502.97	6,526.77	671.40	209.55	461.85	1.454 Level 3	
15,100.00	7,317.46	15,000.83	7,201.12	236.76	236.91	80.03	-503.56	6,626.75	671.89	204.24	467.65	1.437 Level 3	
15,200.00	7,319.49	15,100.83	7,203.08	239.71	239.86	80.03	-504.15	6,726.73	672.39	198.93	473.47	1.420 Level 3	
15,300.00	7,321.52	15,200.84	7,205.04	242.66	242.80	80.04	-504.73	6,826.71	672.89	193.61	479.28	1.404 Level 3	
15,400.00	7,323.54	15,300.84	7,207.00	245.60	245.75	80.04	-505.32	6,926.68	673.39	188.30	485.09	1.388 Level 3	
15,500.00	7,325.57	15,400.84	7,208.96	248.55	248.70	80.04	-505.91	7,026.66	673.89	182.99	490.90	1.373 Level 3	
15,600.00	7,327.60	15,500.84	7,210.91	251.49	251.65	80.04	-506.49	7,126.64	674.38	177.67	496.71	1.358 Level 3	
15,700.00	7,329.63	15,600.84	7,212.87	254.44	254.60	80.04	-507.08	7,226.62	674.88	172.35	502.53	1.343 Level 3	
15,800.00	7,331.66	15,700.84	7,214.83	257.39	257.55	80.04	-507.67	7,326.59	675.38	167.04	508.34	1.329 Level 3	
15,900.00	7,333.69	15,800.84	7,216.79	260.34	260.50	80.04	-508.26	7,426.57	675.88	161.72	514.16	1.315 Level 3	
16,000.00	7,335.72	15,900.84	7,218.75	263.29	263.45	80.05	-508.84	7,526.55	676.38	156.40	519.98	1.301 Level 3	
16,100.00	7,337.74	16,000.85	7,220.70	266.23	266.40	80.05	-509.43	7,626.53	676.87	151.08	525.79	1.287 Level 3	
16,200.00	7,339.77	16,100.85	7,222.66	269.18	269.35	80.05	-510.02	7,726.51	677.37	145.76	531.61	1.274 Level 3	
16,300.00	7,341.80	16,200.85	7,224.62	272.13	272.30	80.05	-510.60	7,826.48	677.87	140.44	537.43	1.261 Level 3	
16,400.00	7,343.83	16,300.85	7,226.58	275.08	275.25	80.05	-511.19	7,926.46	678.37	135.12	543.25	1.249 Level 2	
16,500.00	7,345.86	16,400.85	7,228.53	278.03	278.20	80.05	-511.78	8,026.44	678.87	129.80	549.07	1.236 Level 2	
16,600.00	7,347.89	16,500.85	7,230.49	280.98	281.15	80.05	-512.36	8,126.42	679.36	124.47	554.89	1.224 Level 2	
16,700.00	7,349.92	16,600.85	7,232.45	283.93	284.10	80.05	-512.95	8,226.40	679.86	119.15	560.71	1.213 Level 2	
16,800.00	7,351.94	16,700.85	7,234.41	286.88	287.06	80.06	-513.54	8,326.37	680.36	113.83	566.53	1.201 Level 2	
16,900.00	7,353.97	16,800.86	7,236.37	289.83	290.01	80.06	-514.12	8,426.35	680.86	108.50	572.35	1.190 Level 2	
17,000.00	7,356.00	16,900.86	7,238.32	292.78	292.96	80.06	-514.71	8,526.33	681.36	103.18	578.18	1.178 Level 2	
17,100.00	7,358.03	17,000.86	7,240.28	295.74	295.91	80.06	-515.30	8,626.31	681.85	97.85	584.00	1.168 Level 2	
17,200.00	7,360.06	17,100.86	7,242.24	298.69	298.87	80.06	-515.88	8,726.28	682.35	92.53	589.82	1.157 Level 2	
17,300.00	7,362.09	17,200.86	7,244.20	301.64	301.82	80.06	-516.47	8,826.26	682.85	87.20	595.65	1.146 Level 2	
17,400.00	7,364.12	17,300.86	7,246.16	304.59	304.77	80.06	-517.06	8,926.24	683.35	81.88	601.47	1.136 Level 2	
17,500.00	7,366.14	17,400.86	7,248.11	307.54	307.73	80.06	-517.64	9,026.22	683.85	76.55	607.30	1.126 Level 2	
17,600.00	7,368.17	17,500.86	7,250.07	310.50	310.68	80.07	-518.23	9,126.20	684.34	71.22	613.12	1.116 Level 2	
17,640.78	7,369.00	17,539.92	7,250.87	311.70	311.84	80.07	-518.47	9,166.97	684.55	69.10	615.45	1.112 Level 2, SF	



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 +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	45.94	819.32	846.70	1,178.52					
100.00	100.00	71.34	71.34	3.28	3.28	45.96	819.10	846.98	1,178.26	1,170.91	7.35	160.212		
200.00	200.00	173.44	173.43	3.30	3.29	46.02	818.24	847.96	1,178.37	1,170.99	7.38	159.567		
300.00	300.00	286.32	286.30	3.34	3.32	130.10	816.97	848.40	1,178.17	1,170.71	7.45	158.047		
300.55	300.55	286.96	286.94	3.34	3.32	130.10	816.96	848.40	1,178.17	1,170.71	7.46	158.037		
400.00	399.93	406.02	405.98	3.41	3.37	130.29	814.86	847.20	1,178.47	1,170.91	7.56	155.847		
500.00	499.68	515.43	515.33	3.49	3.43	130.52	812.88	844.27	1,179.81	1,172.11	7.70	153.128		
600.00	599.13	612.50	612.33	3.60	3.50	130.77	811.67	840.82	1,183.19	1,175.31	7.88	150.137		
700.00	698.15	709.47	709.22	3.75	3.58	131.08	811.02	837.07	1,189.06	1,180.97	8.10	146.885		
800.00	796.63	808.68	808.36	3.93	3.67	131.47	810.45	833.26	1,197.39	1,189.04	8.35	143.365		
8,200.00	7,177.48	7,142.78	7,138.52	40.42	15.73	-87.53	869.72	643.24	1,153.98	1,109.52	44.46	25.956		
8,300.00	7,179.51	7,143.32	7,139.07	42.73	15.73	-87.57	869.74	643.23	1,076.66	1,029.58	47.09	22.866		
8,400.00	7,181.54	7,143.87	7,139.61	45.11	15.73	-87.62	869.76	643.22	1,003.36	953.17	50.19	19.991		
8,500.00	7,183.57	7,144.41	7,140.15	47.56	15.73	-87.66	869.78	643.22	935.02	881.22	53.79	17.382		
8,600.00	7,185.60	7,144.95	7,140.70	50.06	15.73	-87.70	869.79	643.21	872.80	814.93	57.87	15.082		
8,700.00	7,187.63	7,145.50	7,141.24	52.61	15.73	-87.75	869.81	643.20	818.11	755.76	62.35	13.122		
8,800.00	7,189.66	7,146.04	7,141.78	55.21	15.74	-87.79	869.83	643.19	772.54	705.50	67.04	11.524		
8,900.00	7,191.68	7,146.58	7,142.32	57.84	15.74	-87.84	869.85	643.18	737.80	666.12	71.68	10.294		
9,000.00	7,193.71	7,147.13	7,142.87	60.50	15.74	-87.88	869.87	643.18	715.45	639.57	75.88	9.429		
9,100.00	7,195.74	7,147.67	7,143.41	63.18	15.74	-87.92	869.89	643.17	706.67	627.40	79.27	8.915		
9,112.40	7,195.99	7,147.74	7,143.48	63.52	15.74	-87.93	869.90	643.17	706.56	626.95	79.62	8.874	CC, ES	
9,200.00	7,197.77	7,148.21	7,143.95	65.89	15.74	-87.97	869.91	643.16	711.97	630.42	81.56	8.730	SF	
9,300.00	7,199.80	7,148.76	7,144.50	68.62	15.74	-88.01	869.93	643.15	731.04	648.40	82.65	8.846		
9,400.00	7,201.83	7,149.30	7,145.04	71.37	15.74	-88.06	869.95	643.14	762.85	680.21	82.65	9.230		
9,500.00	7,203.86	7,149.84	7,145.58	74.14	15.74	-88.10	869.97	643.14	805.89	724.10	81.80	9.852		
9,600.00	7,205.88	7,150.38	7,146.12	76.92	15.74	-88.14	869.99	643.13	858.48	778.10	80.38	10.681		
9,700.00	7,207.91	7,150.93	7,146.67	79.71	15.75	-88.19	870.01	643.12	918.97	840.33	78.63	11.687		
9,800.00	7,209.94	7,151.47	7,147.21	82.52	15.75	-88.23	870.03	643.11	985.91	909.16	76.75	12.846		
9,900.00	7,211.97	7,152.01	7,147.75	85.33	15.75	-88.28	870.05	643.10	1,058.08	983.23	74.85	14.136		
10,000.00	7,214.00	7,152.56	7,148.29	88.16	15.75	-88.32	870.07	643.10	1,134.48	1,061.47	73.02	15.538		

Offset Design 5N-66W-07 Offsets - NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
0.00	0.00	0.00	0.00	3.28	3.28	47.43	782.89	852.27	1,157.56					
100.00	100.00	76.94	76.94	3.28	3.28	47.43	782.76	852.25	1,157.18	1,149.82	7.35	157.342		
200.00	200.00	175.53	175.53	3.30	3.29	47.44	782.55	852.12	1,156.93	1,149.55	7.39	156.654		
209.42	209.42	184.67	184.67	3.31	3.29	131.44	782.56	852.10	1,156.93	1,149.54	7.39	156.553		
300.00	300.00	278.41	278.41	3.34	3.32	131.44	782.66	851.75	1,157.03	1,149.58	7.45	155.251		
400.00	399.93	378.81	378.81	3.41	3.36	131.53	782.52	851.28	1,158.90	1,151.35	7.55	153.451		
500.00	499.68	477.82	477.81	3.49	3.41	131.72	782.25	851.00	1,163.15	1,155.46	7.69	151.284		
600.00	599.13	570.08	570.07	3.60	3.47	131.98	781.99	851.10	1,170.04	1,162.18	7.86	148.915		
700.00	698.15	669.13	669.12	3.75	3.54	132.34	782.14	851.47	1,179.82	1,171.75	8.07	146.259		
800.00	796.63	769.21	769.20	3.93	3.62	132.81	781.91	851.88	1,191.82	1,183.50	8.32	143.290		
8,500.00	7,183.57	7,507.63	7,258.89	47.56	19.18	96.90	-522.09	934.81	1,140.48	1,090.20	50.27	22.686		
8,600.00	7,185.60	7,503.08	7,254.36	50.06	19.15	96.52	-522.37	935.11	1,062.61	1,009.36	53.25	19.956		
8,700.00	7,187.63	7,501.47	7,249.83	52.61	19.14	96.14	-522.64	935.41	988.72	931.99	56.73	17.429		
8,800.00	7,189.66	7,506.02	7,245.30	55.21	19.17	95.77	-522.92	935.71	919.75	858.99	60.75	15.139		
8,900.00	7,191.68	7,489.44	7,240.77	57.84	19.11	95.39	-523.19	936.01	856.90	791.73	65.17	13.149		
9,000.00	7,193.71	7,484.89	7,236.24	60.50	19.10	95.01	-523.46	936.30	801.60	731.57	70.03	11.447		
9,100.00	7,195.74	7,480.35	7,231.71	63.18	19.09	94.64	-523.74	936.60	755.52	680.42	75.10	10.060		
9,200.00	7,197.77	7,475.80	7,227.18	65.89	19.08	94.26	-524.01	936.90	720.43	640.36	80.08	8.997		
9,300.00	7,199.80	7,471.25	7,222.65	68.62	19.08	93.88	-524.29	937.20	697.99	613.44	84.55	8.255		
9,400.00	7,201.83	7,466.70	7,218.12	71.37	19.07	93.50	-524.56	937.50	689.43	601.32	88.12	7.824		
9,409.49	7,202.02	7,466.27	7,217.69	71.63	19.07	93.47	-524.59	937.53	689.37	600.97	88.40	7.799	CC, ES	
9,500.00	7,203.86	7,462.15	7,213.59	74.14	19.06	93.12	-524.84	937.80	695.27	604.82	90.45	7.687	SF	
9,600.00	7,205.88	7,457.60	7,209.06	76.92	19.05	92.75	-525.11	938.10	715.16	623.71	91.45	7.820		
9,700.00	7,207.91	7,453.05	7,204.53	79.71	19.04	92.37	-525.39	938.39	747.96	656.72	91.25	8.197		
9,800.00	7,209.94	7,448.50	7,200.00	82.52	19.03	91.99	-525.66	938.69	792.09	701.98	90.11	8.790		
9,900.00	7,211.97	7,443.95	7,195.47	85.33	19.03	91.61	-525.94	938.99	845.77	757.40	88.37	9.571		
10,000.00	7,214.00	7,439.40	7,190.93	88.16	19.02	91.24	-526.22	939.29	907.31	821.02	86.29	10.514		
10,100.00	7,216.03	7,434.85	7,186.40	90.99	19.01	90.86	-526.49	939.59	975.22	891.13	84.08	11.598		
10,200.00	7,218.06	7,430.30	7,181.87	93.84	19.00	90.48	-526.77	939.89	1,048.26	966.38	81.88	12.803		
10,300.00	7,220.09	7,425.75	7,177.34	96.69	18.99	90.11	-527.04	940.19	1,125.43	1,045.67	79.76	14.110		

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	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)				
11,200.00	7,238.34	7,197.68	7,190.92	122.58	15.76	-90.04	795.87	3,723.04	1,179.08	1,095.23	83.84	14.063			
11,300.00	7,240.37	7,194.15	7,187.40	125.47	15.75	-89.72	795.67	3,723.24	1,096.13	1,005.91	90.23	12.149			
11,400.00	7,242.40	7,190.58	7,183.84	128.37	15.74	-89.40	795.47	3,723.45	1,016.25	918.79	97.47	10.427			
11,500.00	7,244.43	7,186.99	7,180.26	131.27	15.73	-89.07	795.26	3,723.65	940.21	834.58	105.63	8.901			
11,600.00	7,246.46	7,183.36	7,176.64	134.18	15.72	-88.75	795.06	3,723.86	869.03	754.28	114.75	7.573			
11,700.00	7,248.49	7,179.70	7,172.99	137.09	15.72	-88.42	794.85	3,724.07	803.98	679.26	124.72	6.446			
11,800.00	7,250.51	7,176.00	7,169.31	140.00	15.71	-88.08	794.64	3,724.28	746.69	611.42	135.27	5.520			
11,900.00	7,252.54	7,172.27	7,165.59	142.91	15.70	-87.75	794.43	3,724.50	699.05	553.22	145.82	4.794			
12,000.00	7,254.57	7,168.51	7,161.84	145.82	15.69	-87.41	794.21	3,724.72	663.15	507.66	155.49	4.265			
12,100.00	7,256.60	7,164.71	7,158.05	148.74	15.69	-87.06	794.00	3,724.94	640.96	477.84	163.12	3.929			
12,194.87	7,258.52	7,161.07	7,154.43	151.51	15.68	-86.73	793.79	3,725.15	633.92	466.40	167.51	3.784 CC			
12,200.00	7,258.63	7,160.87	7,154.23	151.66	15.68	-86.72	793.78	3,725.16	633.94	466.28	167.66	3.781 ES, SF			
12,300.00	7,260.66	7,157.00	7,150.37	154.58	15.67	-86.37	793.56	3,725.39	642.56	474.00	168.56	3.812			
12,400.00	7,262.69	7,153.10	7,146.48	157.50	15.66	-86.01	793.34	3,725.61	666.23	500.19	166.04	4.012			
12,500.00	7,264.71	7,149.15	7,142.55	160.42	15.65	-85.66	793.11	3,725.85	703.43	542.52	160.91	4.372			
12,600.00	7,266.74	7,145.17	7,138.58	163.35	15.64	-85.30	792.88	3,726.08	752.15	597.96	154.19	4.878			
12,700.00	7,268.77	7,141.15	7,134.58	166.27	15.63	-84.94	792.65	3,726.32	810.32	663.53	146.79	5.520			
12,800.00	7,270.80	7,137.10	7,130.53	169.20	15.63	-84.57	792.42	3,726.56	876.06	736.71	139.35	6.287			
12,900.00	7,272.83	7,133.00	7,126.45	172.13	15.62	-84.20	792.19	3,726.80	947.79	815.54	132.25	7.167			
13,000.00	7,274.86	7,128.86	7,122.33	175.06	15.61	-83.83	791.95	3,727.05	1,024.25	898.59	125.66	8.151			
13,100.00	7,276.89	7,124.69	7,118.17	177.99	15.60	-83.45	791.71	3,727.30	1,104.47	984.80	119.67	9.229			
13,200.00	7,278.91	7,120.47	7,113.96	180.92	15.59	-83.07	791.47	3,727.56	1,187.68	1,073.41	114.27	10.394			

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		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)				
9,600.00	7,205.88	7,205.17	7,187.24	76.92	17.85	-91.24	764.67	2,084.46	1,128.99	1,067.13	61.87	18.248			
9,700.00	7,207.91	7,209.27	7,183.15	79.71	17.93	-90.85	764.49	2,084.72	1,045.77	979.39	66.38	15.754			
9,800.00	7,209.94	7,186.63	7,179.06	82.52	17.55	-90.46	764.31	2,084.97	965.72	894.59	71.12	13.578			
9,900.00	7,211.97	7,182.53	7,174.96	85.33	17.49	-90.07	764.13	2,085.22	889.69	812.74	76.96	11.561			
10,000.00	7,214.00	7,178.42	7,170.87	88.16	17.43	-89.68	763.95	2,085.47	818.82	735.23	83.59	9.796			
10,100.00	7,216.03	7,174.32	7,166.78	90.99	17.37	-89.29	763.78	2,085.72	754.54	663.59	90.95	8.296			
10,200.00	7,218.06	7,170.22	7,162.69	93.84	17.31	-88.90	763.60	2,085.97	698.69	599.87	98.83	7.070			
10,300.00	7,220.09	7,166.12	7,158.60	96.69	17.25	-88.51	763.42	2,086.22	653.44	546.70	106.74	6.122			
10,400.00	7,222.11	7,162.01	7,154.51	99.54	17.19	-88.11	763.24	2,086.47	621.09	507.19	113.91	5.453			
10,500.00	7,224.14	7,157.91	7,150.42	102.41	17.13	-87.72	763.06	2,086.73	603.73	484.34	119.40	5.057			
10,556.48	7,225.29	7,155.60	7,148.11	104.02	17.10	-87.50	762.96	2,086.87	601.09	479.65	121.44	4.950	CC, ES		
10,600.00	7,226.17	7,153.81	7,146.33	105.27	17.07	-87.33	762.88	2,086.98	602.66	480.25	122.41	4.923	SF		
10,700.00	7,228.20	7,149.71	7,142.24	108.15	17.01	-86.94	762.70	2,087.23	617.96	495.28	122.68	5.037			
10,800.00	7,230.23	7,145.61	7,138.15	111.02	16.95	-86.55	762.52	2,087.48	648.47	527.93	120.54	5.380			
10,900.00	7,232.26	7,141.50	7,134.06	113.91	16.89	-86.16	762.35	2,087.73	692.18	575.45	116.73	5.930			
11,000.00	7,234.29	7,137.40	7,129.97	116.79	16.83	-85.77	762.17	2,087.98	746.79	634.76	112.03	6.666			
11,100.00	7,236.31	7,133.30	7,125.87	119.68	16.77	-85.38	761.99	2,088.23	810.08	703.04	107.04	7.568			
11,200.00	7,238.34	7,129.20	7,121.78	122.58	16.71	-84.99	761.81	2,088.48	880.19	778.04	102.14	8.617			
11,300.00	7,240.37	7,125.09	7,117.69	125.47	16.65	-84.60	761.63	2,088.73	955.61	858.06	97.56	9.796			
11,400.00	7,242.40	7,120.99	7,113.60	128.37	16.59	-84.21	761.45	2,088.99	1,035.20	941.84	93.36	11.088			
11,500.00	7,244.43	7,116.89	7,109.51	131.27	16.53	-83.82	761.27	2,089.24	1,118.05	1,028.48	89.57	12.482			

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	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)				
9,600.00	7,205.88	7,219.63	7,211.64	76.92	15.89	96.48	-249.94	2,158.88	1,111.32	1,061.72	49.61	22.402			
9,700.00	7,207.91	7,218.40	7,210.42	79.71	15.88	96.31	-250.00	2,158.94	1,019.24	966.44	52.80	19.304			
9,800.00	7,209.94	7,216.99	7,209.01	82.52	15.88	96.12	-250.07	2,159.01	928.79	872.12	56.68	16.388			
9,900.00	7,211.97	7,215.33	7,207.35	85.33	15.88	95.89	-250.15	2,159.09	840.50	779.10	61.40	13.689			
10,000.00	7,214.00	7,213.35	7,205.38	88.16	15.87	95.62	-250.24	2,159.20	755.13	687.95	67.18	11.240			
10,100.00	7,216.03	7,210.97	7,203.01	90.99	15.87	95.29	-250.35	2,159.33	673.79	599.54	74.24	9.075			
10,200.00	7,218.06	7,211.11	7,203.14	93.84	15.87	95.31	-250.39	2,159.23	598.08	515.29	82.80	7.224			
10,300.00	7,220.09	7,205.28	7,197.33	96.69	15.86	94.50	-250.59	2,159.67	530.51	437.73	92.78	5.718			
10,400.00	7,222.11	7,199.51	7,191.58	99.54	15.84	93.71	-250.78	2,160.10	474.47	370.75	103.72	4.574			
10,500.00	7,224.14	7,193.80	7,185.88	102.41	15.83	92.92	-250.98	2,160.53	434.45	320.38	114.07	3.809			
10,600.00	7,226.17	7,188.13	7,180.24	105.27	15.82	92.13	-251.17	2,160.96	415.09	293.85	121.24	3.424			
10,632.48	7,226.83	7,186.30	7,178.42	106.21	15.82	91.88	-251.23	2,161.09	413.82	291.36	122.45	3.379	CC, ES, SF		
10,700.00	7,228.20	7,182.52	7,174.64	108.15	15.81	91.36	-251.35	2,161.38	419.27	296.30	122.98	3.409			
10,800.00	7,230.23	7,176.95	7,169.10	111.02	15.80	90.59	-251.53	2,161.79	446.35	327.04	119.31	3.741			
10,900.00	7,232.26	7,171.44	7,163.60	113.91	15.78	89.83	-251.71	2,162.20	492.54	380.20	112.34	4.384			
11,000.00	7,234.29	7,165.98	7,158.16	116.79	15.77	89.07	-251.88	2,162.60	553.09	448.73	104.36	5.300			
11,100.00	7,236.31	7,160.56	7,152.76	119.68	15.76	88.33	-252.04	2,163.00	623.83	527.10	96.73	6.449			
11,200.00	7,238.34	7,155.19	7,147.41	122.58	15.75	87.59	-252.21	2,163.39	701.69	611.70	89.99	7.797			
11,300.00	7,240.37	7,149.87	7,142.10	125.47	15.74	86.86	-252.37	2,163.78	784.54	700.31	84.24	9.314			
11,400.00	7,242.40	7,144.60	7,136.85	128.37	15.73	86.13	-252.53	2,164.16	870.97	791.59	79.38	10.972			
11,500.00	7,244.43	7,139.37	7,131.64	131.27	15.71	85.42	-252.68	2,164.54	960.01	884.71	75.30	12.749			
11,600.00	7,246.46	7,134.19	7,126.47	134.18	15.70	84.71	-252.83	2,164.92	1,051.00	979.14	71.86	14.626			
11,700.00	7,248.49	7,129.05	7,121.35	137.09	15.69	84.01	-252.97	2,165.29	1,143.47	1,074.54	68.93	16.588			

Offset Design		5N-66W-07 Offsets - STEPHENS 7-14 - 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	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)				
10,900.00	7,232.26	7,150.21	7,147.85	113.91	15.67	87.56	-403.91	3,396.27	1,120.53	1,044.79	75.74	14.794			
11,000.00	7,234.29	7,152.52	7,150.16	116.79	15.68	87.80	-403.91	3,396.27	1,035.43	953.67	81.76	12.665			
11,100.00	7,236.31	7,154.86	7,152.50	119.68	15.68	88.04	-403.92	3,396.28	953.23	864.53	88.70	10.747			
11,200.00	7,238.34	7,157.22	7,154.86	122.58	15.69	88.27	-403.92	3,396.29	874.74	778.07	96.66	9.049			
11,300.00	7,240.37	7,159.60	7,157.24	125.47	15.69	88.52	-403.93	3,396.30	801.04	695.31	105.73	7.576			
11,400.00	7,242.40	7,162.01	7,159.65	128.37	15.70	88.76	-403.93	3,396.31	733.59	617.74	115.85	6.332			
11,500.00	7,244.43	7,164.44	7,162.08	131.27	15.70	89.01	-403.93	3,396.32	674.27	547.52	126.75	5.320			
11,600.00	7,246.46	7,166.89	7,164.53	134.18	15.71	89.25	-403.94	3,396.33	625.38	487.63	137.76	4.540			
11,700.00	7,248.49	7,169.36	7,167.00	137.09	15.71	89.50	-403.94	3,396.34	589.54	441.81	147.74	3.990			
11,800.00	7,250.51	7,171.86	7,169.50	140.00	15.72	89.76	-403.94	3,396.36	569.21	414.01	155.20	3.668			
11,867.86	7,251.89	7,173.57	7,171.21	141.97	15.72	89.93	-403.94	3,396.36	565.16	407.02	158.13	3.574	CC, ES		
11,900.00	7,252.54	7,174.39	7,172.03	142.91	15.72	90.01	-403.94	3,396.37	566.07	407.24	158.83	3.564	SF		
12,000.00	7,254.57	7,176.93	7,174.57	145.82	15.73	90.27	-403.95	3,396.38	580.39	422.21	158.18	3.669			
12,100.00	7,256.60	7,179.51	7,177.15	148.74	15.73	90.53	-403.95	3,396.39	610.95	457.07	153.87	3.970			
12,200.00	7,258.63	7,182.11	7,179.75	151.66	15.74	90.80	-403.95	3,396.41	655.48	508.29	147.19	4.453			
12,300.00	7,260.66	7,184.73	7,182.37	154.58	15.74	91.06	-403.96	3,396.42	711.36	571.94	139.41	5.102			
12,400.00	7,262.69	7,187.38	7,185.02	157.50	15.75	91.33	-403.96	3,396.43	776.14	644.66	131.48	5.903			
12,500.00	7,264.71	7,190.06	7,187.70	160.42	15.75	91.60	-403.96	3,396.45	847.79	723.85	123.94	6.841			
12,600.00	7,266.74	7,192.76	7,190.40	163.35	15.76	91.88	-403.96	3,396.46	924.71	807.68	117.03	7.902			
12,700.00	7,268.77	7,195.50	7,193.14	166.27	15.76	92.15	-403.97	3,396.48	1,005.69	894.86	110.83	9.075			
12,800.00	7,270.80	7,198.25	7,195.90	169.20	15.77	92.43	-403.97	3,396.50	1,089.82	984.50	105.32	10.348			
12,900.00	7,272.83	7,201.04	7,198.68	172.13	15.78	92.71	-403.97	3,396.51	1,176.44	1,075.99	100.45	11.711			

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						
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
10,300.00	7,220.09	7,235.09	7,168.42	96.69	16.01	89.07	67.34	3,005.24	1,179.97	1,144.20	35.77	32.990	
10,400.00	7,222.11	7,235.39	7,168.72	99.54	16.01	89.26	67.35	3,005.24	1,080.32	1,044.10	36.22	29.830	
10,500.00	7,224.14	7,235.70	7,169.03	102.41	16.01	89.44	67.35	3,005.23	980.74	943.94	36.80	26.654	
10,600.00	7,226.17	7,236.00	7,169.33	105.27	16.02	89.63	67.36	3,005.23	881.25	843.69	37.56	23.461	
10,700.00	7,228.20	7,236.31	7,169.63	108.15	16.02	89.81	67.37	3,005.22	781.90	743.30	38.60	20.254	
10,800.00	7,230.23	7,236.61	7,169.94	111.02	16.02	90.00	67.37	3,005.22	682.73	642.67	40.06	17.041	
10,900.00	7,232.26	7,236.92	7,170.25	113.91	16.02	90.18	67.38	3,005.21	583.85	541.67	42.19	13.840	
11,000.00	7,234.29	7,237.22	7,170.55	116.79	16.02	90.37	67.39	3,005.21	485.43	440.01	45.42	10.687	
11,100.00	7,236.31	7,237.53	7,170.86	119.68	16.02	90.56	67.39	3,005.20	387.82	337.16	50.66	7.655	
11,200.00	7,238.34	7,237.84	7,171.17	122.58	16.02	90.74	67.40	3,005.20	291.82	231.95	59.87	4.874	
11,300.00	7,240.37	7,238.15	7,171.47	125.47	16.02	90.93	67.41	3,005.19	199.80	121.74	78.06	2.560	
11,400.00	7,242.40	7,238.45	7,171.78	128.37	16.02	91.12	67.41	3,005.19	121.15	3.95	117.20	1.034	Level 2
11,476.21	7,243.95	7,238.69	7,172.02	130.58	16.02	91.26	67.42	3,005.18	94.18	-52.94	147.12	0.640	Level 1, CC, ES, SF
11,500.00	7,244.43	7,238.76	7,172.09	131.27	16.02	91.31	67.42	3,005.18	97.14	-46.66	143.80	0.676	Level 1
11,600.00	7,246.46	7,239.07	7,172.40	134.18	16.02	91.49	67.43	3,005.18	155.54	56.73	98.81	1.574	
11,700.00	7,248.49	7,239.38	7,172.71	137.09	16.02	91.68	67.43	3,005.17	242.80	170.73	72.07	3.369	
11,800.00	7,250.51	7,239.69	7,173.02	140.00	16.02	91.87	67.44	3,005.17	337.21	278.00	59.21	5.696	
11,900.00	7,252.54	7,240.01	7,173.33	142.91	16.02	92.06	67.45	3,005.16	434.13	381.94	52.18	8.319	
12,000.00	7,254.57	7,240.32	7,173.64	145.82	16.02	92.25	67.46	3,005.15	532.19	484.24	47.95	11.099	
12,100.00	7,256.60	7,240.63	7,173.96	148.74	16.03	92.44	67.46	3,005.15	630.86	585.65	45.20	13.956	
12,200.00	7,258.63	7,240.94	7,174.27	151.66	16.03	92.63	67.47	3,005.14	729.89	686.56	43.33	16.844	
12,300.00	7,260.66	7,241.26	7,174.58	154.58	16.03	92.82	67.48	3,005.14	829.15	787.15	42.01	19.739	
12,400.00	7,262.69	7,241.57	7,174.90	157.50	16.03	93.01	67.48	3,005.13	928.57	887.53	41.04	22.625	
12,500.00	7,264.71	7,241.88	7,175.21	160.42	16.03	93.20	67.49	3,005.13	1,028.11	987.78	40.32	25.496	
12,600.00	7,266.74	7,242.20	7,175.53	163.35	16.03	93.39	67.50	3,005.12	1,127.72	1,087.94	39.78	28.348	

Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-33.90	542.44	-364.47	653.73					
100.00	100.00	81.64	81.64	3.28	3.28	-33.90	542.50	-364.53	653.60	646.24	7.35	88.868		
200.00	200.00	181.45	181.45	3.30	3.29	-33.92	542.56	-364.88	653.84	646.45	7.39	88.518		
300.00	300.00	280.03	280.02	3.34	3.32	50.05	542.44	-365.62	653.88	646.43	7.45	87.731		
400.00	399.93	375.31	375.30	3.41	3.36	50.22	542.57	-366.73	652.41	644.86	7.55	86.408		
500.00	499.68	481.08	481.05	3.49	3.41	50.64	542.54	-368.56	648.90	641.21	7.69	84.365		
600.00	599.13	581.09	581.05	3.60	3.48	51.30	541.57	-370.19	642.38	634.51	7.87	81.642		
700.00	698.15	686.06	686.00	3.75	3.56	52.30	540.39	-371.67	633.54	625.44	8.09	78.296		
800.00	796.63	782.14	782.05	3.93	3.64	53.52	538.78	-373.03	622.28	613.93	8.35	74.516		
900.00	894.44	881.12	881.01	4.16	3.74	55.14	537.54	-374.35	609.56	600.90	8.66	70.358		
1,000.00	991.67	978.48	978.36	4.43	3.85	56.85	536.14	-375.60	595.61	586.58	9.03	65.994		
1,100.00	1,088.87	1,073.16	1,073.02	4.74	3.96	58.53	534.96	-376.97	582.33	572.91	9.42	61.805		
1,200.00	1,186.06	1,167.35	1,167.19	5.08	4.08	60.24	534.13	-378.85	570.16	560.31	9.86	57.855		
1,300.00	1,283.26	1,263.94	1,263.77	5.43	4.21	62.12	533.95	-380.40	559.04	548.71	10.32	54.147		
1,400.00	1,380.45	1,362.44	1,362.26	5.81	4.34	64.15	533.84	-381.63	548.53	537.71	10.83	50.671		
1,500.00	1,477.65	1,459.20	1,459.00	6.19	4.49	66.15	533.41	-383.37	538.60	527.25	11.35	47.458		
1,600.00	1,574.85	1,553.81	1,553.60	6.59	4.63	68.21	533.46	-384.89	529.80	517.90	11.89	44.552		
1,700.00	1,672.04	1,649.25	1,649.02	7.00	4.78	70.33	534.00	-386.66	522.31	509.86	12.45	41.940		
1,800.00	1,769.24	1,745.62	1,745.38	7.23	4.93	72.58	534.88	-388.12	515.90	503.26	12.64	40.811		
1,900.00	1,866.43	1,843.65	1,843.39	7.30	5.09	74.94	536.00	-389.39	510.53	497.65	12.88	39.635		
2,000.00	1,963.63	1,942.02	1,941.75	7.39	5.25	77.39	536.85	-390.23	505.76	492.61	13.15	38.450		
2,100.00	2,060.83	2,039.89	2,039.62	7.52	5.42	79.86	537.74	-391.21	502.02	488.57	13.46	37.310		
2,200.00	2,158.02	2,138.47	2,138.19	7.67	5.59	82.46	538.32	-391.46	498.93	485.14	13.79	36.190		
2,300.00	2,255.22	2,235.47	2,235.19	7.85	5.75	85.10	538.96	-391.25	496.98	482.84	14.14	35.148		
2,400.00	2,352.42	2,336.37	2,336.09	8.05	5.93	87.86	539.31	-390.94	495.86	481.34	14.52	34.147		
2,500.00	2,449.61	2,438.76	2,438.48	8.28	6.11	90.60	538.54	-391.41	494.73	479.80	14.92	33.150		
2,585.19	2,532.41	2,521.31	2,521.02	8.49	6.26	92.77	537.58	-392.31	494.21	478.93	15.27	32.357		
2,600.00	2,546.81	2,534.84	2,534.54	8.53	6.28	93.12	537.46	-392.44	494.23	478.90	15.33	32.234		
2,700.00	2,644.00	2,627.64	2,627.34	8.79	6.46	95.60	537.17	-392.87	495.66	479.91	15.75	31.474		
2,800.00	2,741.20	2,725.13	2,724.83	9.08	6.64	98.12	537.30	-393.75	498.47	482.29	16.18	30.804		
2,900.00	2,838.40	2,823.33	2,823.02	9.37	6.83	100.61	537.39	-394.90	502.17	485.55	16.63	30.205		
3,000.00	2,935.59	2,920.43	2,920.12	9.69	7.01	103.08	537.24	-395.61	506.75	489.68	17.07	29.683		
3,100.00	3,032.79	3,015.93	3,015.62	10.01	7.19	105.49	537.35	-396.01	512.67	495.15	17.52	29.265		
3,200.00	3,129.98	3,117.53	3,117.20	10.35	7.39	107.92	537.37	-397.12	519.18	501.20	17.98	28.877		
3,300.00	3,227.18	3,217.67	3,217.34	10.70	7.59	110.24	536.93	-398.63	526.00	507.56	18.44	28.524		
3,400.00	3,324.38	3,320.23	3,319.87	11.06	7.79	112.60	535.54	-400.18	532.85	513.95	18.91	28.186		
3,500.00	3,421.57	3,418.80	3,418.42	11.42	7.98	114.85	533.48	-401.64	539.95	520.58	19.36	27.888		
3,600.00	3,518.77	3,513.12	3,512.70	11.80	8.17	116.94	531.80	-402.91	548.18	528.37	19.81	27.675		
3,700.00	3,615.96	3,611.27	3,610.84	12.18	8.36	119.09	529.95	-403.82	557.36	537.10	20.26	27.513		
3,800.00	3,713.16	3,708.75	3,708.30	12.57	8.55	121.15	528.11	-404.81	567.25	546.55	20.70	27.397		
3,900.00	3,810.36	3,805.79	3,805.31	12.96	8.75	123.07	526.70	-406.30	577.90	556.74	21.15	27.321		
4,000.00	3,907.55	3,904.41	3,903.91	13.36	8.95	124.95	525.22	-407.86	589.11	567.51	21.60	27.271		
4,100.00	4,004.75	4,003.97	4,003.43	13.76	9.15	126.82	523.21	-409.26	600.69	578.64	22.05	27.242		
4,200.00	4,101.95	4,095.11	4,094.55	14.17	9.33	128.49	521.47	-410.17	613.23	590.75	22.48	27.283		
4,300.00	4,199.14	4,186.65	4,186.09	14.58	9.51	130.08	520.45	-410.57	627.27	604.36	22.90	27.389		
4,400.00	4,296.34	4,280.82	4,280.26	15.00	9.70	131.63	520.06	-410.66	642.54	619.21	23.33	27.537		
4,500.00	4,393.53	4,378.81	4,378.25	15.42	9.90	133.16	519.88	-410.70	658.50	634.72	23.78	27.695		
4,600.00	4,490.73	4,479.06	4,478.50	15.84	10.11	134.63	519.67	-411.13	674.57	650.34	24.23	27.840		
4,700.00	4,587.93	4,579.53	4,578.96	16.27	10.31	136.08	518.69	-411.57	690.59	665.91	24.68	27.979		
4,800.00	4,685.12	4,669.58	4,668.99	16.70	10.49	137.41	517.10	-411.29	707.16	682.06	25.10	28.177		
4,900.00	4,782.32	4,763.96	4,763.36	17.13	10.68	138.78	515.58	-409.93	725.12	699.60	25.52	28.415		
5,000.00	4,879.51	4,859.04	4,858.39	17.56	10.87	140.15	513.39	-408.09	743.55	717.61	25.94	28.665		
5,100.00	4,976.71	4,957.72	4,957.03	18.00	11.07	141.48	511.59	-406.24	762.58	736.21	26.37	28.913		
5,200.00	5,073.91	5,059.29	5,058.60	18.44	11.27	142.70	510.39	-405.48	781.36	754.53	26.83	29.121		
5,300.00	5,171.10	5,157.48	5,156.79	18.88	11.48	143.71	510.28	-405.80	800.04	772.75	27.29	29.314		
5,400.00	5,268.30	5,257.31	5,256.61	19.32	11.68	144.63	510.92	-406.62	818.89	791.12	27.77	29.493		
5,500.00	5,365.49	5,355.07	5,354.36	19.76	11.88	145.46	511.80	-407.98	837.55	809.32	28.24	29.661		
5,600.00	5,462.69	5,448.16	5,447.44	20.21	12.08	146.23	512.65	-408.93	856.71	828.01	28.69	29.856		
5,700.00	5,559.89	5,540.44	5,539.70	20.65	12.26	146.93	513.99	-409.51	876.59	847.44	29.15	30.071		
5,800.00	5,657.08	5,637.29	5,636.54	21.10	12.46	147.65	515.58	-409.70	897.07	867.44	29.62	30.282		
5,900.00	5,754.28	5,740.35	5,739.57	21.55	12.67	148.32	517.82	-410.75	917.17	887.04	30.13	30.443		
6,000.00	5,851.47	5,844.24	5,843.40	22.00	12.89	148.90	520.83	-412.69	936.91	906.27	30.64	30.575		
6,100.00	5,948.67	5,945.80	5,944.89	22.45	13.10	149.45	523.22	-415.30	955.89	924.74	31.15	30.685		
6,200.00	6,045.87	6,044.51	6,043.54	22.90	13.30	149.95	525.96	-417.88	975.07	943.42	31.65	30.804		
6,300.00	6,143.06	6,145.72	6,144.66	23.35	13.51	150.43	528.59	-421.01	993.82	961.65	32.17	30.895		
6,400.00	6,240.26	6,237.86	6,236.69	23.81	13.71	150.81	531.85	-424.08	1,012.77	980.11	32.66	31.013		



Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
6,500.00	6,337.46	6,326.93	6,325.69	24.26	13.89	151.19	534.76	-426.10	1,032.63	999.50	33.13	31.168	
6,600.00	6,435.13	6,420.56	6,419.29	24.60	14.09	148.58	536.82	-427.24	1,050.99	1,017.42	33.57	31.310	
6,700.00	6,534.73	6,514.77	6,513.50	24.75	14.28	54.18	537.53	-427.41	1,056.88	1,022.97	33.91	31.166	
6,800.00	6,634.24	6,605.61	6,604.33	24.84	14.46	-13.13	537.19	-426.45	1,048.93	1,014.74	34.19	30.678	
6,900.00	6,731.20	6,704.75	6,703.46	24.90	14.66	-18.43	536.72	-425.05	1,026.91	992.44	34.47	29.790	
7,000.00	6,823.22	6,797.53	6,796.23	25.00	14.85	-21.94	535.91	-423.69	991.07	956.34	34.72	28.542	
7,100.00	6,908.04	6,878.13	6,876.81	25.18	15.02	-25.96	535.22	-422.30	942.78	907.81	34.96	26.964	
7,200.00	6,983.56	6,947.95	6,946.61	25.51	15.16	-31.39	535.28	-420.92	883.85	848.60	35.26	25.068	
7,300.00	7,047.94	7,007.24	7,005.88	26.05	15.28	-38.93	535.39	-419.24	816.32	780.64	35.68	22.880	
7,400.00	7,099.58	7,053.07	7,051.67	26.83	15.37	-48.96	535.48	-417.40	742.60	706.28	36.32	20.446	
7,500.00	7,137.21	7,089.20	7,087.75	27.88	15.45	-61.59	535.53	-415.50	665.43	628.08	37.35	17.815	
7,600.00	7,159.91	7,116.06	7,114.56	29.17	15.51	-75.35	535.56	-413.87	588.12	549.16	38.97	15.093	
7,700.00	7,167.34	7,129.57	7,128.05	30.64	15.54	-85.45	535.57	-413.05	515.01	473.69	41.32	12.464	
7,800.00	7,169.37	7,137.72	7,136.18	32.29	15.56	-86.70	535.58	-412.55	451.59	407.09	44.50	10.149	
7,900.00	7,171.40	7,145.86	7,144.31	34.12	15.57	-87.95	535.59	-412.05	403.10	354.80	48.30	8.346	
8,000.00	7,173.43	7,154.01	7,152.44	36.10	15.59	-89.20	535.60	-411.55	375.39	323.48	51.91	7.232	
8,058.58	7,174.62	7,158.78	7,157.20	37.33	15.60	-89.94	535.61	-411.26	370.83	317.38	53.45	6.938 CC, ES	
8,100.00	7,175.46	7,162.15	7,160.57	38.21	15.61	-90.46	535.61	-411.05	373.12	319.01	54.11	6.896 SF	
8,200.00	7,177.48	7,170.29	7,168.70	40.42	15.63	-91.71	535.62	-410.55	396.71	342.41	54.30	7.306	
8,300.00	7,179.51	7,178.44	7,176.83	42.73	15.65	-92.96	535.63	-410.05	442.05	389.03	53.02	8.338	
8,400.00	7,181.54	7,186.58	7,184.95	45.11	15.67	-94.21	535.63	-409.56	503.30	452.15	51.14	9.841	
8,500.00	7,183.57	7,194.73	7,193.08	47.56	15.69	-95.45	535.64	-409.06	575.39	526.14	49.25	11.682	
8,600.00	7,185.60	7,202.88	7,201.22	50.06	15.72	-96.70	535.65	-408.56	654.76	607.16	47.59	13.758	
8,700.00	7,187.63	7,211.02	7,209.35	52.61	15.78	-97.93	535.66	-408.06	739.06	692.83	46.22	15.989	
8,800.00	7,189.66	7,219.16	7,217.48	55.21	15.85	-99.15	535.67	-407.56	826.78	781.68	45.10	18.333	
8,900.00	7,191.68	7,227.31	7,225.60	57.84	15.91	-100.37	535.68	-407.06	916.95	872.78	44.18	20.756	
9,000.00	7,193.71	7,235.45	7,233.73	60.50	15.97	-101.58	535.69	-406.56	1,008.91	965.49	43.42	23.235	
9,100.00	7,195.74	7,243.60	7,241.86	63.18	16.04	-102.78	535.69	-406.07	1,102.21	1,059.42	42.80	25.754	
9,200.00	7,197.77	7,251.74	7,249.99	65.89	16.10	-103.97	535.70	-405.57	1,196.54	1,154.26	42.28	28.300	

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)	+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	-138.94	-437.52	-381.19	580.63				
100.00	100.00	79.72	79.72	3.28	3.28	-138.96	-437.66	-381.06	580.30	572.95	7.35	78.903	
200.00	200.00	180.86	180.86	3.30	3.29	-139.01	-437.99	-380.64	580.28	572.89	7.39	78.564	
300.00	300.00	280.96	280.96	3.34	3.32	-55.07	-438.01	-380.35	579.85	572.40	7.45	77.799	
400.00	399.93	379.63	379.62	3.41	3.36	-55.37	-437.86	-380.41	577.79	570.23	7.55	76.510	
500.00	499.68	477.20	477.19	3.49	3.40	-55.95	-437.78	-380.85	574.08	566.39	7.69	74.694	
600.00	599.13	576.48	576.47	3.60	3.47	-56.84	-437.72	-381.69	568.76	560.90	7.86	72.377	
700.00	698.15	675.78	675.77	3.75	3.54	-58.07	-437.62	-382.51	561.67	553.60	8.07	69.585	
800.00	796.63	775.18	775.17	3.93	3.63	-59.67	-437.43	-383.35	552.95	544.62	8.33	66.379	
900.00	894.44	872.97	872.95	4.16	3.72	-61.63	-437.18	-384.10	542.83	534.20	8.64	62.843	
1,000.00	991.67	970.50	970.48	4.43	3.83	-63.78	-436.97	-384.88	532.16	523.16	9.00	59.139	
1,100.00	1,088.87	1,068.56	1,068.54	4.74	3.94	-65.97	-436.67	-385.65	522.09	512.69	9.40	55.531	
1,200.00	1,186.06	1,166.90	1,166.87	5.08	4.07	-68.27	-436.28	-386.25	512.68	502.84	9.84	52.078	
1,300.00	1,283.26	1,264.86	1,264.83	5.43	4.19	-70.62	-435.70	-386.86	503.96	493.64	10.32	48.829	
1,400.00	1,380.45	1,362.64	1,362.61	5.81	4.33	-73.02	-434.95	-387.60	496.05	485.22	10.83	45.816	
1,500.00	1,477.65	1,460.51	1,460.47	6.19	4.47	-75.50	-434.17	-388.22	488.99	477.63	11.36	43.048	
1,600.00	1,574.85	1,559.52	1,559.46	6.59	4.62	-78.05	-433.11	-389.07	482.72	470.80	11.91	40.514	
1,700.00	1,672.04	1,658.16	1,658.09	7.00	4.77	-80.61	-431.60	-390.07	477.05	464.57	12.49	38.201	
1,800.00	1,769.24	1,756.91	1,756.82	7.23	4.93	-83.21	-429.88	-391.22	472.21	459.53	12.68	37.235	
1,900.00	1,866.43	1,855.22	1,855.08	7.30	5.09	-85.73	-427.67	-393.21	468.05	455.12	12.92	36.216	
2,000.00	1,963.63	1,952.88	1,952.69	7.39	5.26	-88.22	-425.41	-395.60	464.83	451.64	13.20	35.227	
2,100.00	2,060.83	2,050.31	2,050.07	7.52	5.42	-90.75	-423.18	-397.90	462.56	449.06	13.50	34.276	
2,200.00	2,158.02	2,147.07	2,146.78	7.67	5.59	-93.30	-421.12	-399.99	461.39	447.57	13.82	33.385	
2,244.78	2,201.54	2,190.27	2,189.96	7.75	5.67	-94.45	-420.28	-400.82	461.27	447.29	13.98	33.003 CC	
2,300.00	2,255.22	2,244.17	2,243.85	7.85	5.77	-95.90	-419.28	-401.81	461.43	447.26	14.17	32.565	
2,400.00	2,352.42	2,342.06	2,341.70	8.05	5.94	-98.52	-417.41	-403.62	462.47	447.93	14.54	31.806	
2,500.00	2,449.61	2,440.10	2,439.71	8.28	6.12	-101.13	-415.49	-405.38	464.45	449.53	14.93	31.111	
2,600.00	2,546.81	2,538.07	2,537.64	8.53	6.30	-103.70	-413.46	-407.28	467.32	451.99	15.33	30.480	
2,700.00	2,644.00	2,635.34	2,634.88	8.79	6.48	-106.24	-411.45	-408.95	471.18	455.44	15.75	29.925	
2,800.00	2,741.20	2,732.95	2,732.45	9.08	6.67	-108.76	-409.47	-410.53	476.07	459.90	16.17	29.444	
2,900.00	2,838.40	2,831.27	2,830.73	9.37	6.86	-111.24	-407.37	-412.10	481.80	465.20	16.60	29.023	
3,000.00	2,935.59	2,929.34	2,928.77	9.69	7.04	-113.65	-405.16	-413.79	488.29	471.25	17.04	28.661	
3,100.00	3,032.79	3,026.86	3,026.25	10.01	7.23	-115.98	-402.99	-415.54	495.65	478.17	17.48	28.360	
3,200.00	3,129.98	3,124.88	3,124.23	10.35	7.42	-118.26	-400.74	-417.23	503.79	485.87	17.92	28.114	
3,300.00	3,227.18	3,223.23	3,222.54	10.70	7.61	-120.53	-398.18	-418.47	512.64	494.28	18.36	27.917	
3,400.00	3,324.38	3,321.92	3,321.17	11.06	7.81	-122.83	-394.93	-418.94	522.04	503.23	18.80	27.763	
3,500.00	3,421.57	3,417.00	3,416.18	11.42	7.99	-125.11	-391.26	-418.27	532.34	513.11	19.23	27.684	
3,600.00	3,518.77	3,508.14	3,507.23	11.80	8.17	-127.32	-387.83	-416.31	544.34	524.70	19.64	27.719	
3,700.00	3,615.96	3,601.38	3,600.36	12.18	8.35	-129.56	-384.60	-413.36	558.03	537.99	20.04	27.842	
3,800.00	3,713.16	3,696.23	3,695.11	12.57	8.54	-131.74	-381.59	-410.04	573.04	552.59	20.45	28.024	
3,900.00	3,810.36	3,784.87	3,783.66	12.96	8.71	-133.65	-379.50	-406.77	589.61	568.77	20.84	28.298	
4,000.00	3,907.55	3,880.03	3,878.74	13.36	8.89	-135.57	-378.09	-402.99	607.75	586.51	21.24	28.610	
4,100.00	4,004.75	3,978.74	3,977.37	13.76	9.09	-137.42	-376.65	-399.33	626.38	604.72	21.66	28.916	
4,200.00	4,101.95	4,078.79	4,077.37	14.17	9.29	-139.14	-375.22	-396.42	645.11	623.01	22.09	29.200	
4,300.00	4,199.14	4,180.87	4,179.41	14.58	9.49	-140.76	-373.54	-394.21	663.68	641.14	22.54	29.451	
4,400.00	4,296.34	4,280.43	4,278.94	15.00	9.69	-142.23	-371.60	-392.70	682.02	659.05	22.98	29.685	
4,500.00	4,393.53	4,379.04	4,377.52	15.42	9.89	-143.61	-369.48	-391.41	700.50	677.08	23.42	29.916	
4,600.00	4,490.73	4,476.24	4,474.68	15.84	10.09	-144.90	-367.29	-390.25	719.19	695.34	23.86	30.148	
4,700.00	4,587.93	4,573.21	4,571.62	16.27	10.28	-146.14	-365.03	-389.03	738.23	713.94	24.30	30.385	
4,800.00	4,685.12	4,669.19	4,667.55	16.70	10.48	-147.34	-362.34	-387.42	757.64	732.91	24.73	30.633	
4,900.00	4,782.32	4,764.75	4,763.05	17.13	10.68	-148.51	-359.56	-385.54	777.52	752.35	25.17	30.892	
5,000.00	4,879.51	4,860.52	4,858.75	17.56	10.87	-149.63	-356.68	-383.43	797.84	772.24	25.61	31.157	
5,100.00	4,976.71	4,957.19	4,955.35	18.00	11.07	-150.71	-353.80	-381.22	818.53	792.48	26.05	31.421	
5,200.00	5,073.91	5,054.44	5,052.55	18.44	11.27	-151.72	-351.07	-379.18	839.44	812.94	26.50	31.675	
5,300.00	5,171.10	5,152.21	5,150.27	18.88	11.47	-152.67	-348.62	-377.42	860.50	833.54	26.96	31.919	
5,400.00	5,268.30	5,249.73	5,247.75	19.32	11.67	-153.56	-346.24	-375.85	881.65	854.23	27.42	32.154	
5,500.00	5,365.49	5,346.47	5,344.45	19.76	11.87	-154.40	-343.87	-374.31	902.98	875.10	27.88	32.387	
5,600.00	5,462.69	5,443.34	5,441.27	20.21	12.08	-155.23	-341.17	-372.55	924.51	896.17	28.34	32.618	
5,700.00	5,559.89	5,542.06	5,539.93	20.65	12.28	-156.04	-338.31	-370.78	946.15	917.33	28.81	32.836	
5,800.00	5,657.08	5,640.89	5,638.71	21.10	12.49	-156.79	-335.59	-369.43	967.65	938.36	29.29	33.036	
5,900.00	5,754.28	5,737.01	5,734.80	21.55	12.69	-157.48	-333.24	-368.29	989.30	959.54	29.76	33.240	
6,000.00	5,851.47	5,832.40	5,830.16	22.00	12.89	-158.11	-331.15	-367.18	1,011.18	980.94	30.23	33.445	
6,100.00	5,948.67	5,927.28	5,925.01	22.45	13.09	-158.71	-329.28	-365.94	1,033.38	1,002.68	30.71	33.652	
6,200.00	6,045.87	6,023.86	6,021.56	22.90	13.29	-159.28	-327.62	-364.71	1,055.78	1,024.59	31.19	33.850	
6,300.00	6,143.06	6,120.89	6,118.58	23.35	13.49	-159.82	-326.20	-363.54	1,078.32	1,046.65	31.68	34.040	
6,400.00	6,240.26	6,221.40	6,219.07	23.81	13.70	-160.35	-324.62	-362.49	1,100.77	1,068.59	32.18	34.207	

Offset Design      5N-66W-07 Offsets -   UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys													Offset Site Error:		0.00 usft
Survey Program:    100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448													Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
6,500.00	6,337.46	6,322.67	6,320.32	24.26	13.92	-160.88	-322.75	-361.72	1,122.93	1,090.24	32.69	34.354			
6,600.00	6,435.13	6,422.39	6,420.02	24.60	14.13	-165.05	-320.71	-361.18	1,142.83	1,109.70	33.14	34.489			
6,700.00	6,534.73	6,523.37	6,520.98	24.75	14.34	99.75	-318.70	-360.80	1,149.97	1,116.46	33.51	34.320			
6,800.00	6,634.24	6,621.63	6,619.22	24.84	14.55	33.16	-316.84	-360.67	1,142.60	1,108.77	33.83	33.773			
6,900.00	6,731.20	6,703.57	6,701.16	24.90	14.72	30.25	-316.04	-360.09	1,122.04	1,087.97	34.07	32.929			
7,000.00	6,823.22	6,785.39	6,782.97	25.00	14.89	31.12	-316.20	-358.92	1,089.17	1,054.85	34.32	31.735			
7,100.00	6,908.04	6,868.12	6,865.68	25.18	15.06	34.08	-317.14	-357.48	1,044.62	1,010.00	34.62	30.171			
7,200.00	6,983.56	6,946.80	6,944.33	25.51	15.22	39.16	-318.50	-356.33	989.39	954.36	35.03	28.244			
7,300.00	7,047.94	7,015.83	7,013.34	26.05	15.36	46.71	-320.08	-355.84	925.30	889.69	35.61	25.984			
7,400.00	7,099.58	7,071.07	7,068.55	26.83	15.47	56.81	-321.79	-356.02	854.96	818.50	36.46	23.450			
7,500.00	7,137.21	7,109.53	7,106.98	27.88	15.54	68.50	-323.27	-356.50	781.62	743.93	37.69	20.738			
7,600.00	7,159.91	7,123.79	7,121.23	29.17	15.57	79.00	-323.93	-356.64	709.06	669.69	39.37	18.009			
7,700.00	7,167.34	7,128.92	7,126.36	30.64	15.58	86.56	-324.18	-356.69	640.92	599.26	41.66	15.385			
7,800.00	7,169.37	7,129.86	7,127.30	32.29	15.59	86.67	-324.23	-356.69	581.47	536.92	44.55	13.052			
7,900.00	7,171.40	7,130.83	7,128.26	34.12	15.59	86.78	-324.28	-356.70	534.25	486.33	47.92	11.148			
8,000.00	7,173.43	7,131.83	7,129.26	36.10	15.59	86.90	-324.33	-356.71	502.74	451.36	51.37	9.786			
8,100.00	7,175.46	7,132.87	7,130.30	38.21	15.59	87.02	-324.38	-356.72	489.96	435.68	54.28	9.027			
8,113.43	7,175.73	7,133.01	7,130.44	38.50	15.59	87.04	-324.39	-356.72	489.77	435.18	54.60	8.971 ES			
8,200.00	7,177.48	7,133.94	7,131.37	40.42	15.59	87.15	-324.44	-356.73	497.37	441.30	56.07	8.871 SF			
8,300.00	7,179.51	7,135.05	7,132.47	42.73	15.60	87.28	-324.50	-356.74	524.10	467.51	56.59	9.261			
8,400.00	7,181.54	7,136.19	7,133.62	45.11	15.60	87.41	-324.56	-356.74	567.44	511.33	56.11	10.113			
8,500.00	7,183.57	7,137.38	7,134.80	47.56	15.60	87.55	-324.62	-356.75	623.94	568.89	55.05	11.335			
8,600.00	7,185.60	7,138.61	7,136.03	50.06	15.60	87.69	-324.69	-356.76	690.36	636.61	53.75	12.844			
8,700.00	7,187.63	7,139.89	7,137.31	52.61	15.61	87.84	-324.76	-356.77	764.13	711.70	52.43	14.575			
8,800.00	7,189.66	7,141.22	7,138.63	55.21	15.61	88.00	-324.83	-356.78	843.32	792.13	51.19	16.474			
8,900.00	7,191.68	7,142.60	7,140.01	57.84	15.61	88.16	-324.90	-356.79	926.54	876.47	50.08	18.503			
9,000.00	7,193.71	7,144.03	7,141.44	60.50	15.61	88.33	-324.98	-356.80	1,012.80	963.71	49.09	20.631			
9,100.00	7,195.74	7,145.52	7,142.93	63.18	15.62	88.50	-325.07	-356.80	1,101.39	1,053.16	48.23	22.837			
9,200.00	7,197.77	7,147.07	7,144.48	65.89	15.62	88.68	-325.15	-356.81	1,191.77	1,144.30	47.47	25.103			

Offset Design		5N-66W-08 Offsets Need HZ - MOEN 8-7H6 - SRC Energy SI Well - No Surveys											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,327.60	7,202.60	7,202.60	251.49	253.45	89.26	-855.25	7,770.63	1,199.48	732.74	466.74	2.570		
15,700.00	7,329.63	7,204.63	7,204.63	254.44	253.53	89.38	-855.25	7,770.63	1,148.96	670.32	478.64	2.400		
15,800.00	7,331.66	7,206.66	7,206.66	257.39	253.60	89.49	-855.25	7,770.63	1,105.19	614.99	490.20	2.255		
15,900.00	7,333.69	7,208.69	7,208.69	260.34	253.67	89.61	-855.25	7,770.63	1,069.02	568.05	500.97	2.134		
16,000.00	7,335.72	7,210.72	7,210.72	263.29	253.74	89.72	-855.25	7,770.63	1,041.22	530.80	510.42	2.040		
16,100.00	7,337.74	7,212.74	7,212.74	266.23	253.81	89.84	-855.25	7,770.63	1,022.47	504.43	518.05	1.974		
16,200.00	7,339.77	7,214.77	7,214.77	269.18	253.89	89.95	-855.25	7,770.63	1,013.30	489.88	523.42	1.936		
16,243.46	7,340.65	7,215.65	7,215.65	270.46	253.92	90.00	-855.25	7,770.63	1,012.36	487.40	524.97	1.928	CC, ES	
16,300.00	7,341.80	7,216.80	7,216.80	272.13	253.96	90.06	-855.25	7,770.63	1,013.94	487.70	526.24	1.927	SF	
16,400.00	7,343.83	7,218.83	7,218.83	275.08	254.03	90.18	-855.25	7,770.63	1,024.39	497.94	526.45	1.946		
16,500.00	7,345.86	7,220.86	7,220.86	278.03	254.10	90.29	-855.25	7,770.63	1,044.35	520.14	524.21	1.992		
16,600.00	7,347.89	7,222.89	7,222.89	280.98	254.17	90.41	-855.25	7,770.63	1,073.29	553.46	519.83	2.065		
16,700.00	7,349.92	7,224.92	7,224.92	283.93	254.25	90.52	-855.25	7,770.63	1,110.51	596.75	513.75	2.162		
16,800.00	7,351.94	7,226.94	7,226.94	286.88	254.32	90.64	-855.25	7,770.63	1,155.20	648.75	506.46	2.281		

Offset Design		5N-66W-08 Offsets Need HZ - MOEN J 8-8 - SRC Energy SI Well - No Surveys											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,600.00	7,347.89	7,218.89	7,218.89	280.98	254.03	88.64	-618.03	9,030.24	1,189.23	750.75	438.48	2.712		
16,700.00	7,349.92	7,220.92	7,220.92	283.93	254.10	88.79	-618.03	9,030.24	1,115.22	662.63	452.60	2.464		
16,800.00	7,351.94	7,222.94	7,222.94	286.88	254.18	88.94	-618.03	9,030.24	1,045.55	577.70	467.85	2.235		
16,900.00	7,353.97	7,224.97	7,224.97	289.83	254.25	89.09	-618.03	9,030.24	981.12	497.07	484.06	2.027		
17,000.00	7,356.00	7,227.00	7,227.00	292.78	254.32	89.24	-618.03	9,030.24	923.05	422.20	500.85	1.843		
17,100.00	7,358.03	7,229.03	7,229.03	295.74	254.39	89.39	-618.03	9,030.24	872.61	355.00	517.61	1.686		
17,200.00	7,360.06	7,231.06	7,231.06	298.69	254.46	89.54	-618.03	9,030.24	831.17	297.78	533.39	1.558		
17,300.00	7,362.09	7,233.09	7,233.09	301.64	254.54	89.70	-618.03	9,030.24	800.16	253.15	547.00	1.463	Level 3	
17,400.00	7,364.12	7,235.12	7,235.12	304.59	254.61	89.85	-618.03	9,030.24	780.80	223.64	557.16	1.401	Level 3	
17,500.00	7,366.14	7,237.14	7,237.14	307.54	254.68	90.00	-618.03	9,030.24	773.97	211.16	562.80	1.375	Level 3	
17,503.10	7,366.21	7,237.21	7,237.21	307.63	254.68	90.00	-618.03	9,030.24	773.96	211.06	562.90	1.375	Level 3, CC, ES, SF	
17,600.00	7,368.17	7,239.17	7,239.17	310.50	254.75	90.15	-618.03	9,030.24	780.00	216.59	563.41	1.384	Level 3	
17,640.78	7,369.00	7,240.00	7,240.00	311.70	254.78	90.21	-618.03	9,030.24	786.11	223.87	562.24	1.398	Level 3	

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							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,100.00	7,358.03	7,100.00	6,744.13	295.74	50.79	-37.66	568.71	9,551.25	1,135.67	987.08	148.60	7.643	
17,200.00	7,360.06	7,100.00	6,744.13	298.69	50.79	-37.66	568.71	9,551.25	1,057.02	899.88	157.14	6.727	
17,300.00	7,362.09	7,134.95	6,774.80	301.64	51.17	-39.93	578.29	9,564.99	980.77	811.68	169.08	5.800	
17,400.00	7,364.12	7,154.35	6,791.46	304.59	51.39	-41.22	583.50	9,573.45	908.70	727.32	181.38	5.010	
17,500.00	7,366.14	7,176.60	6,810.22	307.54	51.63	-42.71	589.35	9,583.88	841.20	645.87	195.33	4.307	
17,600.00	7,368.17	7,200.00	6,829.52	310.50	51.89	-44.29	595.37	9,595.66	779.16	568.30	210.86	3.695	
17,640.78	7,369.00	7,200.00	6,829.52	311.70	51.89	-44.29	595.37	9,595.66	755.89	539.14	216.75	3.487	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)		
17,000.00	7,356.00	7,000.00	6,745.20	292.78	45.75	-11.59	265.03	9,557.49	1,155.73	1,073.02	82.72	13.972	
17,100.00	7,358.03	7,031.76	6,773.48	295.74	46.08	-12.92	271.63	9,570.34	1,067.29	981.06	86.23	12.377	
17,200.00	7,360.06	7,048.54	6,788.13	298.69	46.26	-13.66	275.04	9,577.77	980.78	890.37	90.40	10.849	
17,300.00	7,362.09	7,067.38	6,804.32	301.64	46.46	-14.53	278.81	9,586.64	896.13	800.81	95.32	9.402	
17,400.00	7,364.12	7,100.00	6,831.65	304.59	46.80	-16.12	285.16	9,603.27	813.92	712.70	101.21	8.041	
17,500.00	7,366.14	7,100.00	6,831.65	307.54	46.80	-16.12	285.16	9,603.27	734.30	626.30	108.01	6.799	
17,600.00	7,368.17	7,140.11	6,863.92	310.50	47.30	-18.21	292.66	9,625.87	657.72	541.13	116.60	5.641	
17,640.78	7,369.00	7,152.38	6,873.48	311.70	47.46	-18.88	294.87	9,633.23	627.72	507.17	120.55	5.207	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)		
17,000.00	7,356.00	7,000.00	6,761.27	292.78	41.87	21.89	-53.33	9,565.04	1,169.72	1,070.68	99.04	11.811	
17,100.00	7,358.03	7,035.57	6,792.52	295.74	42.27	22.46	-46.61	9,580.62	1,081.30	978.97	102.33	10.567	
17,200.00	7,360.06	7,053.28	6,807.72	298.69	42.47	22.76	-43.35	9,589.12	994.85	887.60	107.25	9.276	
17,300.00	7,362.09	7,073.05	6,824.37	301.64	42.70	23.11	-39.78	9,599.16	910.13	797.34	112.78	8.070	
17,400.00	7,364.12	7,100.00	6,846.50	304.59	43.01	23.62	-35.03	9,613.78	827.48	708.82	118.66	6.974	
17,500.00	7,366.14	7,100.00	6,846.50	307.54	43.01	23.62	-35.03	9,613.78	747.83	620.07	127.76	5.853	
17,600.00	7,368.17	7,148.27	6,884.37	310.50	43.67	24.60	-26.93	9,642.57	669.89	535.69	134.20	4.992	
17,640.78	7,369.00	7,160.78	6,893.78	311.70	43.85	24.87	-24.92	9,650.55	639.32	501.53	137.79	4.640	CC, ES, SF



Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 4-9-11 - 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							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,100.00	7,358.03	7,000.00	6,792.15	295.74	38.58	46.94	-368.12	9,584.74	1,187.97	1,018.89	169.08	7.026	
17,200.00	7,360.06	7,032.86	6,820.27	298.69	39.00	48.33	-363.01	9,600.97	1,108.49	929.65	178.84	6.198	
17,300.00	7,362.09	7,053.14	6,837.14	301.64	39.26	49.20	-359.95	9,611.78	1,031.89	841.72	190.17	5.426	
17,400.00	7,364.12	7,100.00	6,874.61	304.59	39.86	51.27	-353.16	9,639.06	959.11	757.57	201.53	4.759	
17,500.00	7,366.14	7,100.00	6,874.61	307.54	39.86	51.27	-353.16	9,639.06	888.36	672.04	216.32	4.107	
17,600.00	7,368.17	7,129.44	6,896.99	310.50	40.32	52.59	-349.11	9,657.75	822.52	591.41	231.12	3.559	
17,640.78	7,369.00	7,142.00	6,906.24	311.70	40.51	53.15	-347.44	9,666.07	797.02	559.54	237.48	3.356 CC, ES, SF	

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 5-9-11 - 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							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	
17,400.00	7,364.12	7,035.38	6,856.16	304.59	36.50	62.76	-670.30	9,629.08	1,159.04	905.70	253.35	4.575	
17,500.00	7,366.14	7,060.68	6,876.19	307.54	36.87	63.78	-667.90	9,644.34	1,101.44	834.71	266.72	4.130	
17,600.00	7,368.17	7,100.00	6,905.94	310.50	37.43	65.35	-664.34	9,669.79	1,048.71	768.55	280.16	3.743	
17,640.78	7,369.00	7,100.00	6,905.94	311.70	37.43	65.35	-664.34	9,669.79	1,028.50	742.56	285.93	3.597	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		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,000.00	7,356.00	7,035.80	6,770.98	292.78	44.06	5.90	102.82	9,568.60	1,150.63	1,075.71	74.93	15.357	
17,100.00	7,358.03	7,051.28	6,784.52	295.74	44.23	5.68	106.14	9,575.35	1,061.68	984.70	76.98	13.792	
17,200.00	7,360.06	7,068.54	6,799.39	298.69	44.42	5.42	109.79	9,583.31	974.08	894.85	79.23	12.294	
17,300.00	7,362.09	7,100.00	6,825.87	301.64	44.76	4.92	116.27	9,599.00	888.31	807.55	80.76	11.000	
17,400.00	7,364.12	7,100.00	6,825.87	304.59	44.76	4.92	116.27	9,599.00	804.17	718.97	85.20	9.439	
17,500.00	7,366.14	7,134.11	6,853.59	307.54	45.21	4.32	123.06	9,617.67	722.25	634.94	87.31	8.272	
17,600.00	7,368.17	7,161.91	6,875.36	310.50	45.57	3.80	128.38	9,634.13	643.24	552.77	90.46	7.110	
17,640.78	7,369.00	7,174.31	6,884.81	311.70	45.74	3.56	130.68	9,641.81	611.93	520.12	91.82	6.665 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)		
17,100.00	7,358.03	7,200.00	6,855.08	295.74	52.41	-52.70	710.75	9,520.33	1,125.94	942.98	182.96	6.154	
17,200.00	7,360.06	7,228.35	6,881.56	298.69	52.66	-54.84	718.62	9,526.68	1,048.37	852.12	196.25	5.342	
17,300.00	7,362.09	7,240.11	6,892.45	301.64	52.76	-55.74	721.85	9,529.72	975.04	765.24	209.80	4.647	
17,400.00	7,364.12	7,253.74	6,905.00	304.59	52.88	-56.78	725.57	9,533.53	906.42	681.48	224.94	4.030	
17,500.00	7,366.14	7,269.71	6,919.58	307.54	53.02	-58.01	729.90	9,538.38	843.54	601.86	241.68	3.490	
17,600.00	7,368.17	7,300.00	6,946.86	310.50	53.29	-60.34	738.00	9,548.75	787.78	526.82	260.96	3.019	
17,640.78	7,369.00	7,300.00	6,946.86	311.70	53.29	-60.34	738.00	9,548.75	767.15	499.14	268.01	2.862 CC, ES, SF	

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST C3-9-11 - 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							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,100.00	7,358.03	7,100.00	6,956.88	295.74	35.99	64.28	-515.62	9,569.91	1,196.37	995.24	201.13	5.948	
17,200.00	7,360.06	7,100.00	6,956.88	298.69	35.99	64.28	-515.62	9,569.91	1,119.85	905.31	214.54	5.220	
17,300.00	7,362.09	7,100.00	6,956.88	301.64	35.99	64.28	-515.62	9,569.91	1,047.29	818.16	229.13	4.571	
17,400.00	7,364.12	7,138.54	6,991.34	304.59	36.42	66.57	-511.78	9,586.75	977.82	733.58	244.25	4.003	
17,500.00	7,366.14	7,161.04	7,010.90	307.54	36.68	67.92	-509.61	9,597.64	913.40	652.64	260.76	3.503	
17,600.00	7,368.17	7,200.00	7,043.72	310.50	37.11	70.26	-505.98	9,618.30	854.57	576.88	277.69	3.077	
17,640.78	7,369.00	7,200.00	7,043.72	311.70	37.11	70.26	-505.98	9,618.30	832.03	546.84	285.19	2.917	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)		
17,300.00	7,362.09	7,172.32	6,733.20	301.64	56.04	-52.82	874.18	9,541.37	1,143.01	918.19	224.82	5.084	
17,400.00	7,364.12	7,200.00	6,757.49	304.59	56.32	-54.39	883.02	9,551.25	1,084.34	845.87	238.48	4.547	
17,500.00	7,366.14	7,200.00	6,757.49	307.54	56.32	-54.39	883.02	9,551.25	1,031.19	780.64	250.55	4.116	
17,600.00	7,368.17	7,229.95	6,783.25	310.50	56.66	-56.08	892.39	9,563.33	984.51	718.92	265.59	3.707	
17,640.78	7,369.00	7,240.18	6,791.90	311.70	56.78	-56.65	895.54	9,567.78	967.51	695.89	271.63	3.562	CC, ES, SF

Offset Design5N-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	7,268.77	7,205.77	7,205.77	166.27	253.57	-83.68	364.51	5,348.99	1,138.58	849.41	289.17	3.937	
12,800.00	7,270.80	7,207.80	7,207.80	169.20	253.64	-84.24	364.51	5,348.99	1,040.39	748.20	292.19	3.561	
12,900.00	7,272.83	7,209.83	7,209.83	172.13	253.71	-84.80	364.51	5,348.99	942.58	646.69	295.89	3.186	
13,000.00	7,274.86	7,211.86	7,211.86	175.06	253.78	-85.36	364.51	5,348.99	845.27	544.77	300.50	2.813	
13,100.00	7,276.89	7,213.89	7,213.89	177.99	253.85	-85.93	364.51	5,348.99	748.68	442.30	306.37	2.444	
13,200.00	7,278.91	7,215.91	7,215.91	180.92	253.93	-86.49	364.51	5,348.99	653.10	339.09	314.01	2.080	
13,300.00	7,280.94	7,217.94	7,217.94	183.85	254.00	-87.06	364.51	5,348.99	559.06	234.85	324.21	1.724	
13,400.00	7,282.97	7,219.97	7,219.97	186.78	254.07	-87.62	364.51	5,348.99	467.50	129.23	338.27	1.382	Level 3
13,500.00	7,285.00	7,222.00	7,222.00	189.72	254.14	-88.19	364.51	5,348.99	380.19	21.97	358.23	1.061	Level 2
13,600.00	7,287.03	7,224.03	7,224.03	192.65	254.21	-88.75	364.51	5,348.99	300.89	-85.88	386.77	0.778	Level 1
13,700.00	7,289.06	7,226.06	7,226.06	195.59	254.29	-89.32	364.51	5,348.99	237.73	-186.10	423.83	0.561	Level 1
13,800.00	7,291.09	7,228.09	7,228.09	198.53	254.36	-89.89	364.51	5,348.99	206.12	-246.39	452.50	0.456	Level 1
13,820.18	7,291.50	7,228.50	7,228.50	199.12	254.37	-90.00	364.51	5,348.99	205.13	-248.94	454.07	0.452	Level 1, CC, ES, SF
13,900.00	7,293.11	7,230.11	7,230.11	201.46	254.43	-90.45	364.51	5,348.99	220.11	-222.87	442.98	0.497	Level 1
14,000.00	7,295.14	7,232.14	7,232.14	204.40	254.50	-91.02	364.51	5,348.99	272.77	-136.73	409.49	0.666	Level 1
14,100.00	7,297.17	7,234.17	7,234.17	207.34	254.57	-91.58	364.51	5,348.99	346.91	-32.07	378.98	0.915	Level 1
14,200.00	7,299.20	7,236.20	7,236.20	210.28	254.65	-92.15	364.51	5,348.99	431.61	74.71	356.90	1.209	Level 2
14,300.00	7,301.23	7,238.23	7,238.23	213.22	254.72	-92.72	364.51	5,348.99	521.74	180.39	341.36	1.528	
14,400.00	7,303.26	7,240.26	7,240.26	216.16	254.79	-93.28	364.51	5,348.99	614.93	284.75	330.18	1.862	
14,500.00	7,305.29	7,242.29	7,242.29	219.10	254.86	-93.85	364.51	5,348.99	709.97	388.06	321.90	2.206	
14,600.00	7,307.31	7,244.31	7,244.31	222.05	254.93	-94.41	364.51	5,348.99	806.20	490.59	315.61	2.554	
14,700.00	7,309.34	7,246.34	7,246.34	224.99	255.00	-94.97	364.51	5,348.99	903.25	592.54	310.70	2.907	
14,800.00	7,311.37	7,248.37	7,248.37	227.93	255.08	-95.53	364.51	5,348.99	1,000.87	694.06	306.81	3.262	
14,900.00	7,313.40	7,250.40	7,250.40	230.88	255.15	-96.09	364.51	5,348.99	1,098.92	795.25	303.66	3.619	
15,000.00	7,315.43	7,252.43	7,252.43	233.82	255.22	-96.65	364.51	5,348.99	1,197.29	896.19	301.09	3.976	

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						
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)		
13,800.00	7,291.09	7,442.45	7,193.57	198.53	18.99	-88.87	644.84	6,367.41	1,146.67	1,041.53	105.15	10.905	
13,900.00	7,293.11	7,437.97	7,189.12	201.46	18.98	-88.35	644.37	6,367.68	1,056.96	943.73	113.24	9.334	
14,000.00	7,295.14	7,433.41	7,184.60	204.40	18.97	-87.81	643.88	6,367.96	969.25	846.60	122.65	7.902	
14,100.00	7,297.17	7,428.77	7,179.99	207.34	18.97	-87.26	643.37	6,368.24	884.13	750.48	133.65	6.615	
14,200.00	7,299.20	7,424.04	7,175.30	210.28	18.96	-86.71	642.84	6,368.53	802.42	655.93	146.49	5.478	
14,300.00	7,301.23	7,419.21	7,170.52	213.22	18.95	-86.14	642.30	6,368.83	725.29	563.90	161.39	4.494	
14,400.00	7,303.26	7,415.18	7,166.51	216.16	18.94	-85.66	641.84	6,369.06	654.33	475.92	178.41	3.668	
14,500.00	7,305.29	7,409.66	7,161.05	219.10	18.93	-85.01	641.20	6,369.41	591.81	394.80	197.01	3.004	
14,600.00	7,307.31	7,404.27	7,155.70	222.05	18.92	-84.37	640.56	6,369.76	540.62	324.75	215.87	2.504	
14,700.00	7,309.34	7,398.98	7,150.46	224.99	18.91	-83.75	639.92	6,370.09	504.25	271.88	232.37	2.170	
14,800.00	7,311.37	7,393.81	7,145.34	227.93	18.90	-83.14	639.29	6,370.42	486.01	243.07	242.94	2.001	
14,840.48	7,312.19	7,391.74	7,143.29	229.12	18.90	-82.89	639.03	6,370.55	484.33	239.50	244.83	1.978	CC, ES, SF
14,900.00	7,313.40	7,388.74	7,140.32	230.88	18.89	-82.54	638.66	6,370.74	487.96	243.14	244.82	1.993	
15,000.00	7,315.43	7,383.77	7,135.40	233.82	18.88	-81.95	638.04	6,371.05	509.87	271.88	237.99	2.142	
15,100.00	7,317.46	7,378.90	7,130.58	236.76	18.87	-81.38	637.42	6,371.35	549.35	324.29	225.06	2.441	
15,200.00	7,319.49	7,374.13	7,125.86	239.71	18.87	-80.81	636.81	6,371.64	602.96	393.55	209.41	2.879	
15,300.00	7,321.52	7,369.46	7,121.23	242.66	18.86	-80.26	636.20	6,371.93	667.31	473.78	193.53	3.448	
15,400.00	7,323.54	7,364.87	7,116.70	245.60	18.85	-79.72	635.59	6,372.20	739.59	560.84	178.76	4.137	
15,500.00	7,325.57	7,360.38	7,112.25	248.55	18.84	-79.19	635.00	6,372.47	817.72	652.11	165.61	4.938	
15,600.00	7,327.60	7,355.97	7,107.89	251.49	18.83	-78.67	634.40	6,372.74	900.16	746.01	154.15	5.840	
15,700.00	7,329.63	7,351.64	7,103.61	254.44	18.82	-78.16	633.81	6,372.99	985.84	841.61	144.23	6.835	
15,800.00	7,331.66	7,347.39	7,099.41	257.39	18.81	-77.66	633.23	6,373.24	1,073.98	938.32	135.67	7.916	
15,900.00	7,333.69	7,343.23	7,095.29	260.34	18.81	-77.17	632.65	6,373.49	1,164.03	1,035.78	128.25	9.076	



Offset Design5N-66W-08 Offsets Need HZ - WIEDEMAN 8-5H6 - SRC Energy SI 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
12,800.00	7,270.80	7,170.55	7,169.89	169.20	15.63	88.97	-670.90	5,119.00	1,146.87	1,007.38	139.50	8.222		
12,900.00	7,272.83	7,172.89	7,172.23	172.13	15.63	89.13	-670.88	5,119.01	1,080.35	931.20	149.15	7.243		
13,000.00	7,274.86	7,175.24	7,174.58	175.06	15.64	89.29	-670.87	5,119.02	1,019.30	859.98	159.32	6.398		
13,100.00	7,276.89	7,177.60	7,176.94	177.99	15.64	89.45	-670.86	5,119.03	964.77	794.99	169.78	5.683		
13,200.00	7,278.91	7,179.97	7,179.31	180.92	15.65	89.62	-670.85	5,119.04	917.92	737.79	180.13	5.096		
13,300.00	7,280.94	7,182.36	7,181.70	183.85	15.65	89.78	-670.84	5,119.05	879.98	690.13	189.85	4.635		
13,400.00	7,282.97	7,184.75	7,184.10	186.78	15.65	89.95	-670.82	5,119.06	852.14	653.84	198.30	4.297		
13,500.00	7,285.00	7,187.16	7,186.51	189.72	15.66	90.11	-670.81	5,119.07	835.41	630.61	204.80	4.079		
13,591.27	7,286.85	7,189.37	7,188.72	192.40	15.66	90.27	-670.80	5,119.08	830.41	621.82	208.59	3.981 CC		
13,600.00	7,287.03	7,189.59	7,188.93	192.65	15.66	90.28	-670.80	5,119.08	830.46	621.63	208.83	3.977 ES, SF		
13,700.00	7,289.06	7,192.02	7,191.36	195.59	15.67	90.45	-670.79	5,119.09	837.49	627.37	210.12	3.986		
13,800.00	7,291.09	7,194.47	7,193.81	198.53	15.67	90.62	-670.78	5,119.10	856.23	647.47	208.75	4.102		
13,900.00	7,293.11	7,196.93	7,196.27	201.46	15.68	90.79	-670.77	5,119.11	885.91	680.80	205.11	4.319		
14,000.00	7,295.14	7,199.41	7,198.75	204.40	15.68	90.96	-670.76	5,119.12	925.50	725.75	199.74	4.633		
14,100.00	7,297.17	7,201.91	7,201.25	207.34	15.69	91.13	-670.75	5,119.14	973.77	780.53	193.24	5.039		
14,200.00	7,299.20	7,204.42	7,203.76	210.28	15.70	91.30	-670.74	5,119.15	1,029.52	843.38	186.14	5.531		
14,300.00	7,301.23	7,206.93	7,206.27	213.22	15.70	91.48	-670.72	5,119.16	1,091.59	912.75	178.84	6.104		
14,400.00	7,303.26	7,209.44	7,208.78	216.16	15.71	91.65	-670.71	5,119.17	1,158.98	987.34	171.63	6.753		

Offset Design		5N-66W-08 Offsets Need HZ - WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,200.00	7,299.20	7,179.51	7,178.87	210.28	15.70	89.23	-845.82	6,372.37	1,193.41	999.86	193.55	6.166	
14,300.00	7,301.23	7,181.70	7,181.06	213.22	15.71	89.36	-845.82	6,372.37	1,142.50	938.57	203.93	5.602	
14,400.00	7,303.26	7,183.89	7,183.25	216.16	15.71	89.48	-845.82	6,372.38	1,098.35	884.28	214.07	5.131	
14,500.00	7,305.29	7,186.08	7,185.44	219.10	15.72	89.61	-845.82	6,372.38	1,061.80	838.22	223.58	4.749	
14,600.00	7,307.31	7,188.27	7,187.62	222.05	15.72	89.73	-845.81	6,372.38	1,033.66	801.64	232.02	4.455	
14,700.00	7,309.34	7,209.54	7,189.81	224.99	15.82	89.86	-845.81	6,372.39	1,014.64	775.61	239.02	4.245	
14,800.00	7,311.37	7,207.36	7,192.00	227.93	15.80	89.98	-845.81	6,372.39	1,005.24	761.24	244.00	4.120	
14,844.94	7,312.28	7,206.37	7,192.98	229.26	15.79	90.04	-845.81	6,372.39	1,004.23	758.70	245.54	4.090	CC, ES
14,900.00	7,313.40	7,205.17	7,194.19	230.88	15.78	90.11	-845.81	6,372.39	1,005.74	758.94	246.80	4.075	SF
15,000.00	7,315.43	7,202.98	7,196.38	233.82	15.77	90.23	-845.81	6,372.40	1,016.13	768.79	247.34	4.108	
15,100.00	7,317.46	7,200.79	7,198.57	236.76	15.75	90.36	-845.81	6,372.40	1,036.10	790.35	245.75	4.216	
15,200.00	7,319.49	7,201.40	7,200.75	239.71	15.75	90.48	-845.81	6,372.41	1,065.13	822.80	242.33	4.395	
15,300.00	7,321.52	7,203.59	7,202.94	242.66	15.77	90.61	-845.80	6,372.41	1,102.48	865.05	237.43	4.643	
15,400.00	7,323.54	7,205.78	7,205.13	245.60	15.79	90.73	-845.80	6,372.41	1,147.36	915.91	231.45	4.957	
15,500.00	7,325.57	7,207.96	7,207.32	248.55	15.81	90.86	-845.80	6,372.42	1,198.91	974.14	224.77	5.334	

Offset Design5N-67W-12 Offsets - BORESEN 1 - Noble Energy PR Well - No Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2° CONE 2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
3,100.00	3,032.79	3,015.79	3,015.79	10.01	105.14	-43.50	-649.13	-1,541.47	1,189.82	1,075.42	114.40	10.400	
3,200.00	3,129.98	3,112.98	3,112.98	10.35	108.58	-44.28	-649.13	-1,541.47	1,172.65	1,054.50	118.14	9.926	
3,300.00	3,227.18	3,210.18	3,210.18	10.70	112.02	-45.08	-649.13	-1,541.47	1,155.69	1,033.79	121.90	9.480	
3,400.00	3,324.38	3,307.38	3,307.38	11.06	115.46	-45.91	-649.13	-1,541.47	1,138.97	1,013.30	125.67	9.063	
3,500.00	3,421.57	3,404.57	3,404.57	11.42	118.91	-46.76	-649.13	-1,541.47	1,122.50	993.04	129.46	8.671	
3,600.00	3,518.77	3,501.77	3,501.77	11.80	122.35	-47.63	-649.13	-1,541.47	1,106.28	973.02	133.26	8.302	
3,700.00	3,615.96	3,601.04	3,598.96	12.18	125.86	-48.53	-649.13	-1,541.47	1,090.32	953.18	137.14	7.950	
3,800.00	3,713.16	3,703.84	3,696.16	12.57	129.51	-49.46	-649.13	-1,541.47	1,074.64	933.48	141.16	7.613	
3,900.00	3,810.36	3,806.64	3,793.36	12.96	133.15	-50.41	-649.13	-1,541.47	1,059.25	914.06	145.19	7.296	
4,000.00	3,907.55	3,909.45	3,890.55	13.36	136.79	-51.38	-649.13	-1,541.47	1,044.17	894.94	149.23	6.997	
4,100.00	4,004.75	3,987.75	3,987.75	13.76	139.56	-52.39	-649.13	-1,541.47	1,029.40	876.98	152.42	6.754	
4,200.00	4,101.95	4,084.95	4,084.95	14.17	143.01	-53.42	-649.13	-1,541.47	1,014.96	858.68	156.28	6.494	
4,300.00	4,199.14	4,182.14	4,182.14	14.58	146.45	-54.48	-649.13	-1,541.47	1,000.86	840.71	160.16	6.249	
4,400.00	4,296.34	4,279.34	4,279.34	15.00	149.89	-55.57	-649.13	-1,541.47	987.13	823.09	164.04	6.017	
4,500.00	4,393.53	4,376.53	4,376.53	15.42	153.33	-56.69	-649.13	-1,541.47	973.77	805.83	167.94	5.798	
4,600.00	4,490.73	4,473.73	4,473.73	15.84	156.78	-57.84	-649.13	-1,541.47	960.79	788.95	171.84	5.591	
4,700.00	4,587.93	4,570.93	4,570.93	16.27	160.22	-59.02	-649.13	-1,541.47	948.23	772.48	175.75	5.395	
4,800.00	4,685.12	4,668.12	4,668.12	16.70	163.66	-60.23	-649.13	-1,541.47	936.08	756.41	179.67	5.210	
4,900.00	4,782.32	4,765.32	4,765.32	17.13	167.11	-61.46	-649.13	-1,541.47	924.38	740.78	183.60	5.035	
5,000.00	4,879.51	4,862.51	4,862.51	17.56	170.55	-62.73	-649.13	-1,541.47	913.13	725.59	187.53	4.869	
5,100.00	4,976.71	4,959.71	4,959.71	18.00	173.99	-64.03	-649.13	-1,541.47	902.35	710.88	191.47	4.713	
5,200.00	5,073.91	5,056.91	5,056.91	18.44	177.44	-65.35	-649.13	-1,541.47	892.06	696.64	195.42	4.565	
5,300.00	5,171.10	5,154.10	5,154.10	18.88	180.88	-66.71	-649.13	-1,541.47	882.28	682.91	199.37	4.425	
5,400.00	5,268.30	5,251.30	5,251.30	19.32	184.32	-68.09	-649.13	-1,541.47	873.02	669.69	203.33	4.294	
5,500.00	5,365.49	5,348.49	5,348.49	19.76	187.77	-69.50	-649.13	-1,541.47	864.31	657.01	207.29	4.170	
5,600.00	5,462.69	5,445.69	5,445.69	20.21	191.21	-70.94	-649.13	-1,541.47	856.15	644.89	211.26	4.053	
5,700.00	5,559.89	5,542.89	5,542.89	20.65	194.65	-72.40	-649.13	-1,541.47	848.56	633.34	215.22	3.943	
5,800.00	5,657.08	5,640.08	5,640.08	21.10	198.10	-73.89	-649.13	-1,541.47	841.56	622.37	219.19	3.839	
5,900.00	5,754.28	5,737.28	5,737.28	21.55	201.54	-75.40	-649.13	-1,541.47	835.17	612.01	223.16	3.742	
6,000.00	5,851.47	5,834.47	5,834.47	22.00	204.98	-76.93	-649.13	-1,541.47	829.39	602.26	227.13	3.652	
6,100.00	5,948.67	5,931.67	5,931.67	22.45	208.43	-78.48	-649.13	-1,541.47	824.25	593.15	231.10	3.567	
6,200.00	6,045.87	6,028.87	6,028.87	22.90	211.87	-80.05	-649.13	-1,541.47	819.75	584.69	235.06	3.487	
6,300.00	6,143.06	6,126.06	6,126.06	23.35	215.31	-81.63	-649.13	-1,541.47	815.90	576.88	239.02	3.414	
6,400.00	6,240.26	6,223.26	6,223.26	23.81	218.76	-83.22	-649.13	-1,541.47	812.71	569.73	242.97	3.345	
6,500.00	6,337.46	6,320.46	6,320.46	24.26	222.20	-84.83	-649.13	-1,541.47	810.19	563.27	246.92	3.281	
6,600.00	6,435.13	6,418.13	6,418.13	24.60	225.66	-89.59	-649.13	-1,541.47	808.74	557.98	250.76	3.225	
6,603.72	6,438.81	6,421.81	6,421.81	24.61	225.79	-90.00	-649.13	-1,541.47	808.74	557.84	250.90	3.223	CC
6,700.00	6,534.73	6,517.73	6,517.73	24.75	229.19	174.96	-649.13	-1,541.47	810.01	555.55	254.46	3.183	ES
6,800.00	6,634.24	6,617.24	6,617.24	24.84	232.72	108.13	-649.13	-1,541.47	813.85	555.80	258.05	3.154	
6,900.00	6,731.20	6,714.20	6,714.20	24.90	236.15	104.91	-649.13	-1,541.47	820.62	559.11	261.51	3.138	SF
7,000.00	6,823.22	6,806.22	6,806.22	25.00	239.41	104.94	-649.13	-1,541.47	831.38	566.61	264.77	3.140	
7,100.00	6,908.04	6,908.96	6,891.04	25.18	243.05	105.78	-649.13	-1,541.47	847.68	579.27	268.41	3.158	
7,200.00	6,983.56	6,966.56	6,966.56	25.51	245.09	106.51	-649.13	-1,541.47	871.22	600.74	270.48	3.221	
7,300.00	7,047.94	7,030.94	7,030.94	26.05	247.37	106.51	-649.13	-1,541.47	903.42	630.59	272.83	3.311	
7,400.00	7,099.58	7,082.58	7,082.58	26.83	249.20	105.24	-649.13	-1,541.47	945.07	670.31	274.76	3.440	
7,500.00	7,137.21	7,120.21	7,120.21	27.88	250.54	102.23	-649.13	-1,541.47	996.10	719.86	276.24	3.606	
7,600.00	7,159.91	7,142.91	7,142.91	29.17	251.34	97.09	-649.13	-1,541.47	1,055.53	778.33	277.20	3.808	
7,700.00	7,167.34	7,150.34	7,150.34	30.64	251.60	91.10	-649.13	-1,541.47	1,121.60	843.99	277.60	4.040	
7,800.00	7,169.37	7,152.37	7,152.37	32.29	251.68	91.24	-649.13	-1,541.47	1,192.50	914.67	277.83	4.292	

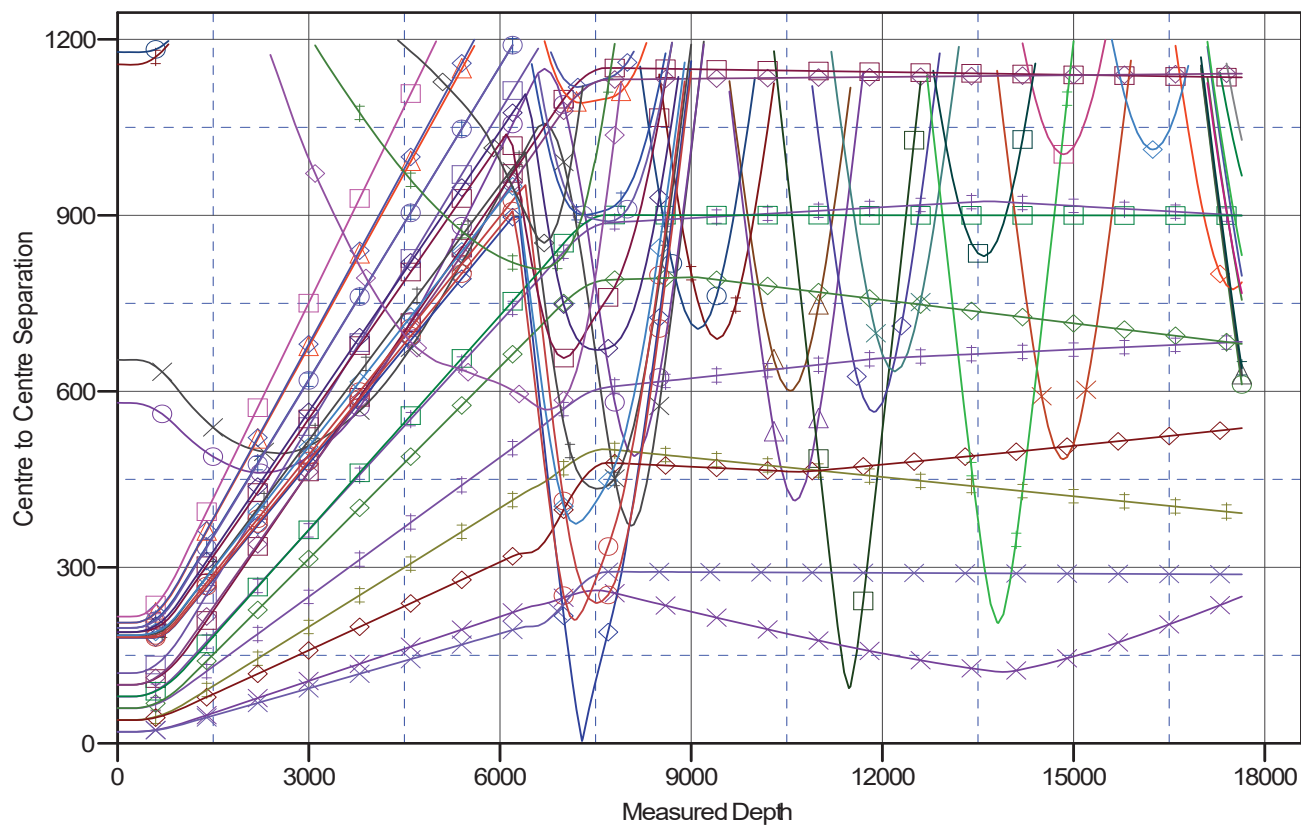
Offset Design5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys												Offset Site Error:	0.00 usft
Survey Program: 214-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,400.00	2,352.42	2,506.09	2,455.06	8.05	10.61	-18.63	-193.80	-1,568.25	1,173.73	1,156.06	17.67	66.412	
2,500.00	2,449.61	2,589.26	2,535.10	8.28	11.09	-17.82	-171.28	-1,566.15	1,143.48	1,125.19	18.29	62.533	
2,600.00	2,546.81	2,698.14	2,639.34	8.53	11.76	-16.60	-139.98	-1,563.37	1,113.17	1,094.09	19.08	58.336	
2,700.00	2,644.00	2,796.01	2,731.96	8.79	12.43	-15.25	-108.49	-1,560.51	1,082.35	1,062.46	19.89	54.404	
2,800.00	2,741.20	2,882.53	2,813.89	9.08	13.02	-14.01	-80.81	-1,558.02	1,052.15	1,031.49	20.65	50.941	
2,900.00	2,838.40	2,962.53	2,890.01	9.37	13.54	-12.85	-56.24	-1,556.32	1,023.37	1,002.00	21.37	47.898	
3,000.00	2,935.59	3,038.81	2,962.73	9.69	14.04	-11.73	-33.25	-1,555.76	996.50	974.43	22.07	45.155	
3,100.00	3,032.79	3,124.75	3,044.74	10.01	14.60	-10.41	-7.56	-1,556.27	971.49	948.65	22.83	42.547	
3,200.00	3,129.98	3,214.90	3,131.06	10.35	15.17	-9.02	18.42	-1,557.18	947.55	923.94	23.61	40.132	
3,300.00	3,227.18	3,307.39	3,220.20	10.70	15.73	-7.66	43.07	-1,558.31	924.51	900.13	24.38	37.918	
3,400.00	3,324.38	3,405.55	3,315.12	11.06	16.30	-6.23	68.03	-1,559.48	902.01	876.84	25.17	35.839	
3,500.00	3,421.57	3,502.99	3,409.61	11.42	16.86	-4.80	91.84	-1,560.18	879.59	853.65	25.94	33.910	
3,600.00	3,518.77	3,605.38	3,509.27	11.80	17.41	-3.33	115.26	-1,560.59	857.34	830.63	26.71	32.094	
3,700.00	3,615.96	3,700.14	3,601.89	12.18	17.90	-2.01	135.35	-1,560.41	834.93	807.49	27.43	30.434	
3,800.00	3,713.16	3,789.80	3,689.23	12.57	18.38	-0.61	155.57	-1,560.60	813.49	785.35	28.14	28.904	
3,900.00	3,810.36	3,880.06	3,776.47	12.96	18.92	1.07	178.69	-1,561.23	793.47	764.56	28.90	27.451	
4,000.00	3,907.55	3,970.88	3,863.44	13.36	19.51	3.05	204.85	-1,561.74	774.64	744.93	29.71	26.069	
4,100.00	4,004.75	4,065.48	3,953.78	13.76	20.14	5.25	232.92	-1,562.40	757.21	726.65	30.55	24.782	
4,200.00	4,101.95	4,165.31	4,049.47	14.17	20.78	7.59	261.32	-1,562.98	740.61	709.21	31.40	23.586	
4,300.00	4,199.14	4,265.39	4,145.65	14.58	21.42	10.00	289.01	-1,562.64	724.18	691.95	32.23	22.469	
4,400.00	4,296.34	4,351.97	4,228.67	15.00	21.98	12.20	313.55	-1,562.59	709.46	676.49	32.97	21.517	
4,500.00	4,393.53	4,449.31	4,322.27	15.42	22.59	14.69	340.30	-1,562.82	696.09	662.34	33.76	20.620	
4,600.00	4,490.73	4,540.92	4,410.21	15.84	23.18	17.16	365.94	-1,562.87	684.18	649.68	34.50	19.833	
4,700.00	4,587.93	4,634.07	4,499.47	16.27	23.79	19.78	392.57	-1,562.88	673.99	638.76	35.23	19.131	
4,800.00	4,685.12	4,729.21	4,590.88	16.70	24.39	22.44	418.96	-1,563.39	665.47	629.54	35.94	18.518	
4,900.00	4,782.32	4,830.36	4,688.65	17.13	25.00	25.15	444.87	-1,564.59	657.96	621.31	36.65	17.953	
5,000.00	4,879.51	4,923.37	4,778.56	17.56	25.56	27.73	468.67	-1,564.89	651.21	613.93	37.28	17.469	
5,100.00	4,976.71	5,012.64	4,864.60	18.00	26.11	30.29	492.44	-1,565.57	646.95	609.09	37.85	17.091	
5,200.00	5,073.91	5,115.84	4,964.40	18.44	26.72	33.15	518.66	-1,567.03	644.02	605.52	38.50	16.727	
5,300.00	5,171.10	5,226.10	5,071.80	18.88	27.32	36.03	543.56	-1,568.55	640.67	601.52	39.15	16.364	
5,400.00	5,268.30	5,330.66	5,174.16	19.32	27.85	38.69	564.87	-1,569.34	636.69	596.96	39.73	16.026	
5,500.00	5,365.49	5,436.18	5,277.63	19.76	28.36	41.40	585.56	-1,569.39	632.99	592.71	40.28	15.714	
5,600.00	5,462.69	5,542.21	5,381.98	20.21	28.85	44.10	604.34	-1,568.57	628.61	587.79	40.82	15.401	
5,700.00	5,559.89	5,644.39	5,482.74	20.65	29.29	46.69	621.34	-1,567.64	624.59	583.28	41.31	15.119	
5,800.00	5,657.08	5,745.70	5,582.82	21.10	29.71	49.25	636.98	-1,566.26	620.56	578.77	41.79	14.850	
5,900.00	5,754.28	5,849.97	5,686.04	21.55	30.11	51.78	651.74	-1,565.71	617.13	574.87	42.26	14.602	
6,000.00	5,851.47	5,959.47	5,794.82	22.00	30.48	54.27	664.25	-1,565.99	612.85	570.12	42.74	14.340	
6,100.00	5,948.67	6,066.79	5,901.69	22.45	30.80	56.60	673.98	-1,566.62	607.65	564.45	43.19	14.068	
6,200.00	6,045.87	6,172.27	6,006.88	22.90	31.08	58.83	681.63	-1,567.62	601.87	558.23	43.64	13.790	
6,300.00	6,143.06	6,277.35	6,111.76	23.35	31.33	61.12	688.17	-1,567.78	595.70	551.61	44.09	13.510	
6,400.00	6,240.26	6,387.84	6,222.14	23.81	31.57	63.57	693.14	-1,567.26	588.61	544.08	44.54	13.217	
6,500.00	6,337.46	6,492.28	6,326.54	24.26	31.75	65.87	695.79	-1,566.99	580.68	535.69	44.99	12.907	
6,600.00	6,435.13	6,595.08	6,429.33	24.60	31.91	64.20	697.04	-1,567.23	573.16	527.79	45.37	12.634	
6,700.00	6,534.73	6,697.64	6,531.89	24.75	32.06	-30.27	697.63	-1,567.13	569.26	523.60	45.67	12.466	
6,745.94	6,580.61	6,744.25	6,578.50	24.79	32.12	-88.63	697.80	-1,566.99	568.82	523.02	45.81	12.418 CC, ES	
6,800.00	6,634.24	6,799.25	6,633.50	24.84	32.20	-98.16	697.92	-1,566.74	569.45	523.45	46.00	12.380	
6,900.00	6,731.20	6,899.73	6,733.98	24.90	32.33	-104.26	697.76	-1,566.10	574.21	527.81	46.40	12.375 SF	
7,000.00	6,823.22	6,993.43	6,827.67	25.00	32.45	-108.16	697.27	-1,565.30	585.24	538.30	46.94	12.468	
7,100.00	6,908.04	7,079.61	6,913.84	25.18	32.56	-111.35	696.69	-1,564.42	604.81	557.19	47.62	12.700	
7,200.00	6,983.56	7,156.39	6,990.62	25.51	32.66	-113.61	696.13	-1,563.55	635.03	586.59	48.44	13.110	
7,300.00	7,047.94	7,221.20	7,055.42	26.05	32.74	-114.42	695.64	-1,562.83	677.22	627.91	49.32	13.733	
7,400.00	7,099.58	7,273.30	7,107.51	26.83	32.81	-113.25	695.24	-1,562.30	731.57	681.40	50.17	14.581	
7,500.00	7,137.21	7,311.06	7,145.27	27.88	32.85	-109.37	694.95	-1,561.96	797.02	746.07	50.95	15.645	
7,600.00	7,159.91	7,334.05	7,168.26	29.17	32.88	-102.00	694.78	-1,561.77	871.53	819.93	51.60	16.890	
7,700.00	7,167.34	7,342.09	7,176.30	30.64	32.89	-92.82	694.73	-1,561.70	952.47	900.34	52.13	18.271	
7,800.00	7,169.37	7,344.85	7,179.06	32.29	32.90	-93.12	694.71	-1,561.68	1,037.08	984.51	52.57	19.728	
7,900.00	7,171.40	7,347.59	7,181.80	34.12	32.90	-93.41	694.69	-1,561.66	1,124.21	1,071.27	52.94	21.234	

Offset Design 5N-67W-12 Offsets - DETIENNE 17-12 - Noble Energy PR Well - Actual Strata Surveys													Offset Site Error:	0.00 usft
Survey Program: 96-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,400.00	4,296.34	4,216.03	4,134.05	15.00	19.33	-14.44	-82.01	-2,066.12	1,198.72	1,169.83	28.89	41.488		
4,500.00	4,393.53	4,320.10	4,235.80	15.42	19.87	-13.90	-67.09	-2,082.12	1,189.10	1,159.53	29.58	40.205		
4,600.00	4,490.73	4,415.27	4,329.05	15.84	20.35	-13.46	-54.52	-2,096.40	1,179.35	1,149.13	30.21	39.035		
4,700.00	4,587.93	4,513.81	4,425.57	16.27	20.84	-13.01	-41.84	-2,111.65	1,170.16	1,139.31	30.86	37.923		
4,800.00	4,685.12	4,622.80	4,532.58	16.70	21.37	-12.57	-28.98	-2,127.86	1,160.55	1,129.02	31.53	36.807		
4,900.00	4,782.32	4,730.38	4,638.35	17.13	21.87	-12.13	-16.42	-2,142.91	1,150.13	1,117.94	32.19	35.733		
5,000.00	4,879.51	4,836.94	4,743.29	17.56	22.35	-11.72	-4.47	-2,157.07	1,139.10	1,106.27	32.83	34.695		
5,100.00	4,976.71	4,939.48	4,844.33	18.00	22.80	-11.32	7.05	-2,170.21	1,127.66	1,094.20	33.46	33.702		
5,200.00	5,073.91	5,035.33	4,938.75	18.44	23.23	-10.93	17.96	-2,182.55	1,116.31	1,082.24	34.07	32.769		
5,300.00	5,171.10	5,138.75	5,040.75	18.88	23.69	-10.54	28.85	-2,195.72	1,104.94	1,070.24	34.69	31.849		
5,400.00	5,268.30	5,244.47	5,145.21	19.32	24.13	-10.20	38.94	-2,208.48	1,093.01	1,057.70	35.31	30.951		
5,500.00	5,365.49	5,355.65	5,255.24	19.76	24.57	-9.89	48.48	-2,221.27	1,080.64	1,044.70	35.94	30.068		
5,600.00	5,462.69	5,465.48	5,364.22	20.21	24.97	-9.64	56.88	-2,232.02	1,066.57	1,030.02	36.55	29.183		
5,700.00	5,559.89	5,556.88	5,454.97	20.65	25.30	-9.47	63.02	-2,240.98	1,052.62	1,015.52	37.10	28.369		
5,800.00	5,657.08	5,730.80	5,628.30	21.10	25.77	-9.50	68.58	-2,252.98	1,036.31	998.56	37.74	27.458		
5,900.00	5,754.28	5,839.57	5,737.01	21.55	25.98	-9.60	70.95	-2,255.22	1,014.97	976.70	38.26	26.525		
6,000.00	5,851.47	5,943.06	5,840.48	22.00	26.17	-9.72	72.78	-2,256.76	993.12	954.33	38.79	25.604		
6,100.00	5,948.67	6,043.98	5,941.39	22.45	26.33	-9.95	72.96	-2,257.53	970.65	931.34	39.31	24.691		
6,200.00	6,045.87	6,139.62	6,037.03	22.90	26.48	-10.24	72.10	-2,258.14	948.16	908.32	39.84	23.799		
6,300.00	6,143.06	6,237.23	6,134.64	23.35	26.62	-10.53	71.54	-2,258.94	925.85	885.49	40.37	22.936		
6,400.00	6,240.26	6,337.58	6,234.98	23.81	26.77	-10.84	71.08	-2,259.57	903.37	862.47	40.89	22.090		
6,500.00	6,337.46	6,435.57	6,332.97	24.26	26.92	-11.16	70.64	-2,259.93	880.66	839.22	41.43	21.255		
6,600.00	6,435.13	6,536.17	6,433.56	24.60	27.07	-14.76	69.94	-2,260.13	860.09	818.16	41.94	20.510		
6,693.48	6,528.21	6,628.54	6,525.93	24.74	27.21	-86.59	69.19	-2,260.13	853.20	810.88	42.31	20.164 CC, ES		
6,700.00	6,534.73	6,634.97	6,532.36	24.75	27.22	-109.77	69.14	-2,260.14	853.23	810.89	42.34	20.152 SF		
6,800.00	6,634.24	6,733.60	6,630.99	24.84	27.37	-177.06	68.37	-2,260.29	862.12	819.48	42.65	20.215		
6,900.00	6,731.20	6,830.09	6,727.47	24.90	27.51	178.44	67.15	-2,260.44	886.46	843.60	42.86	20.682		
7,000.00	6,823.22	6,921.76	6,819.13	25.00	27.65	176.61	65.70	-2,260.59	925.60	882.62	42.98	21.534		
7,100.00	6,908.04	7,006.45	6,903.81	25.18	27.77	175.37	64.22	-2,260.73	978.56	935.54	43.03	22.744		
7,200.00	6,983.56	7,081.86	6,979.21	25.51	27.88	174.19	62.91	-2,260.85	1,044.04	1,001.03	43.01	24.276		
7,300.00	7,047.94	7,147.53	7,044.87	26.05	27.98	172.76	61.82	-2,260.92	1,120.40	1,077.45	42.95	26.088		

Reference Depths are relative to RKB = 20' @ 4901.00usft (PD 462)  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.500000

Coordinates are relative to: BOST FARM 41C-8-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.43°

## Ladder Plot



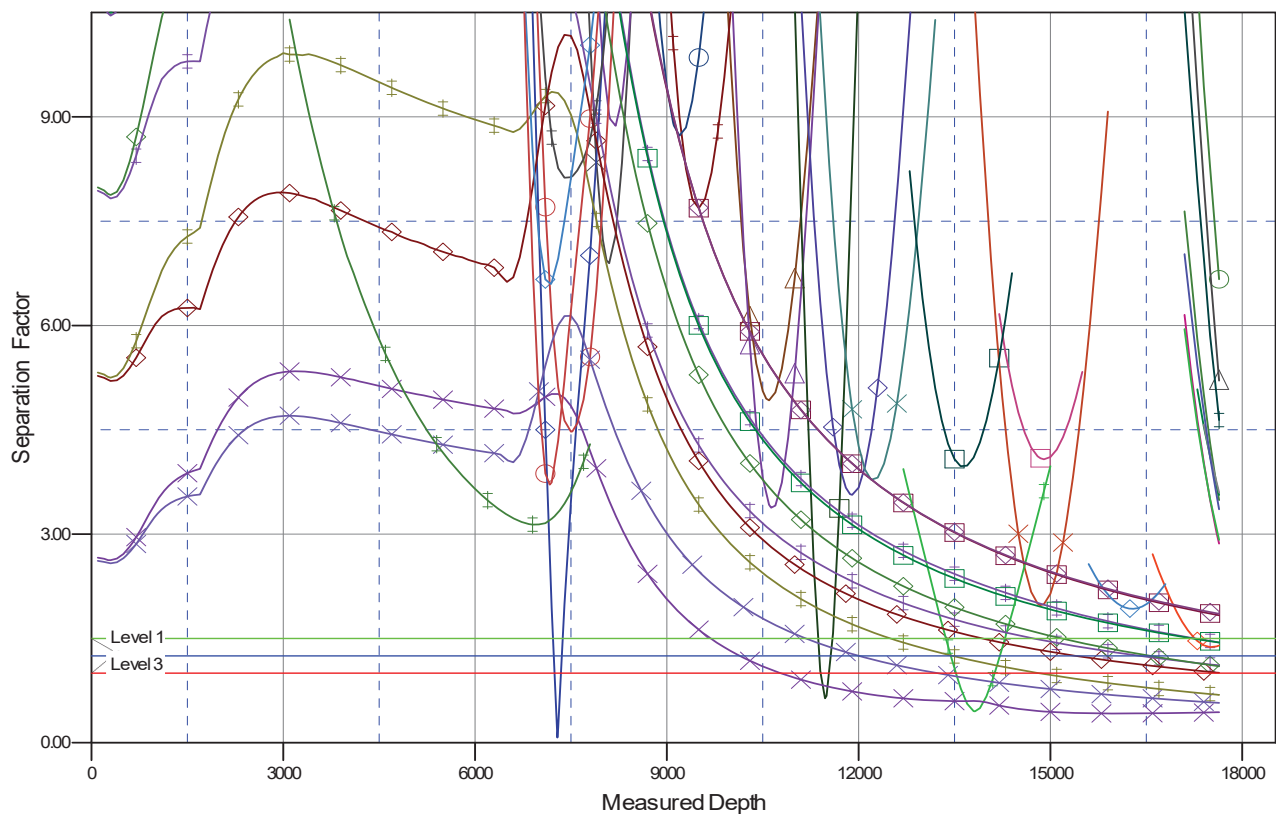
### LEGEND

UPRC7-4H6, Noble Energy/PRWell,Actual/VES SurveysV0	TCCOUNTRY QUBWEST 3-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0	BOST FARM10C11-L2, Wellbore #1, Design #1 V0
STEPHEN67-12, SRC Energy/SWell, Actual/VES SurveysV0	MOEN8-7H6, SRC Energy/SWell, No SurveysV0	BOST FARM10C12-11-L, Wellbore #1, Design #1 V0
NAPOLCON7-6, Noble Energy/PRWell, Actual/VES SurveysV0	TCCOUNTRY QUBWEST C19-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0	BOST FARM11N8-L, Wellbore #1, Design #1 V0
STEPHEN67-13, SRC Energy/SWell, Actual/VES SurveysV0	WIEDEMAN6-5H6, SRC Energy/SWell, Actual/VES SurveysV0	BOST FARM11N8CL, Wellbore #1, Design #1 V0
STEPHEN67-15, SRC Energy/SWell, Actual/VES SurveysV0	TCCOUNTRY QUBWEST 5-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0	BOST FARM10C8-L, Wellbore #1, Design #1 V0
NAPOLCON7-3, Noble Energy/PRWell, Actual/VES SurveysV0	TCCOUNTRY QUBWEST 4-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0	BOST FARM11A-L, Wellbore #1, Design #1 V0
UPRC7-9H6, Noble Energy/PRWell, Actual/VES SurveysV0	TCCOUNTRY QUBWEST C39-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0	BOST FARM11B-L, Wellbore #1, Design #1 V0
STEPHEN67-14, SRC Energy/SWell, Actual/VES SurveysV0	BOST FARM11N11CL, Wellbore #1, Design #1 V0	BOST FARM11N8B-L, Wellbore #1, Design #1 V0
STEPHEN67-11, SRC Energy/PRWell, Actual/VES SurveysV0	BOST FARM10N11CL, Wellbore #1, Design #1 V0	BOST FARM10C11-L, Wellbore #1, Design #1 V0
TCCOUNTRY QUBWEST A26-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0	BOST FARM10N8B-L, Wellbore #1, Design #1 V0	BOST FARM10C11-L, Wellbore #1, Design #1 V0
WHITE8-3H6, SRC Energy/PRWell, Actual/VES SurveysV0	BOST FARM11N8CL, Wellbore #1, Design #1 V0	BOST FARM10C11-L, Wellbore #1, Design #1 V0
TCCOUNTRY QUBWEST 2-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0	BOST FARM10N11CL, Wellbore #1, Design #1 V0	BOST FARM10C11-L, Wellbore #1, Design #1 V0
WHITE8-4, Extradon PRWell, No SurveysV0	BOST FARM10C8-L, Wellbore #1, Design #1 V0	BOST FARM10C11-L, Wellbore #1, Design #1 V0
MOEN8-8, SRC Energy/SWell, No SurveysV0	BOST FARM11N8B-L, Wellbore #1, Design #1 V0	BOST FARM10C11-L, Wellbore #1, Design #1 V0
TCCOUNTRY QUBWEST 1-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0	BOST FARM10N11B-L, Wellbore #1, Design #1 V0	BOST FARM10C11-L, Wellbore #1, Design #1 V0
WIEDEMAN6-6H6, SRC Energy/SWell, Actual/VES SurveysV0	BOST FARM10N11B-L, Wellbore #1, Design #1 V0	BOST FARM10C11-L, Wellbore #1, Design #1 V0
TCCOUNTRY QUBWEST 3-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0	BOST FARM10N8B-L, Wellbore #1, Design #1 V0	BOST FARM10C11-L, Wellbore #1, Design #1 V0
	BOST FARM10N8CL, Wellbore #1, Design #1 V0	BOST FARM10C11-L, Wellbore #1, Design #1 V0

Reference Depths are relative to RKB = 20' @ 4901.00usft (PD 462)  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.500000

Coordinates are relative to: BOST FARM 41C-8-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.43°

## Separation Factor Plot



### LEGEND

- |  |  |  |
|--|--|--|
| URIC7-4B, Noble Energy/PRWell,Actual/VES SurveysV0                                 | TCCOUNTR/CLUBWEST 3-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0  | BOST FARM10-11-L, Wellbore #1, Design#1 V0 |
| STEPHEN7-12, SRC Energy/SWell, Actual/VES SurveysV0                                | MOENB-746, SRC Energy/SWell, No SurveysV0  | BOST FARM10-11-L, Wellbore #1, Design#1 V0 |
| NAPOLEON7-6, Noble Energy/PRWell, Actual/VES SurveysV0                             | TCCOUNTR/CLUBWEST C1 9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0 | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| STEPHEN7-13, SRC Energy/SWell, Actual/VES SurveysV0                                | WIEDEMANB-5H6, SRC Energy/SWell, Actual/VES SurveysV0                              | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| STEPHEN7-15, SRC Energy/SWell, Actual/VES SurveysV0                                | TCCOUNTR/CLUBWEST 5-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| NAPOLEON7-3, Noble Energy/PRWell, Actual/VES SurveysV0                             | TCCOUNTR/CLUBWEST 4-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| URIC7-9H6, Noble Energy/PRWell, Actual/VES SurveysV0                               | TCCOUNTR/CLUBWEST C3 9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0 | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| STEPHEN7-14, SRC Energy/SWell, Actual/VES SurveysV0                                | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| STEPHEN7-11, SRC Energy/PRWell, Actual/VES SurveysV0                               | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| TCCOUNTR/CLUBWEST A2 9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0 | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| WHITE8-3H6, SRC Energy/PRWell, Actual/VES SurveysV0                                | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| TCCOUNTR/CLUBWEST 2-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0  | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| WHITE8-1, Extradon PRWell, No SurveysV0  | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| MOENB-8, SRC Energy/SWell, No SurveysV0  | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| TCCOUNTR/CLUBWEST 1-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0  | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| WIEDEMANB-5H6, SRC Energy/PRWell, Actual/VES SurveysV0                             | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
| TCCOUNTR/CLUBWEST 3-9-11, Extradon PRWell (Plan Only), Planned Extradon SurveysV0  | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |
|  | BOST FARM11N11-CL, Wellbore #1, Design#1 V0  | BOST FARM11A8-L, Wellbore #1, Design#1 V0  |