

# **SRC ENERGY**

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

**Wellbore #1  
Design #1**

## **Anticollision Report**

**28 December, 2017**

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

<b>Survey Tool Program</b>	<b>Date</b>	12/27/2017		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	1,750.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	
1,750.00	17,546.55	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 12C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 12N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 12N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 13C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 13N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 16C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 16N-8A-L - Wellbore #1 - Design #1						Out of range
BOST FARM 16N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	200.00	200.00	99.82	92.25	13.189	CC, ES
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	17,532.50	17,494.34	1,029.02	404.63	1.648	SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	200.00	200.00	119.85	112.28	15.836	CC, ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	300.00	299.01	120.16	112.51	15.703	SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	CC, ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	300.00	298.76	140.22	132.57	18.325	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	200.00	200.00	159.93	152.36	21.130	CC, ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	300.00	298.38	160.28	152.63	20.947	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	200.00	203.00	240.77	233.20	31.807	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	400.00	394.64	244.91	237.14	31.507	SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	203.00	227.86	220.29	30.101	CC, ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	400.00	396.44	231.58	223.80	29.789	SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	7,610.75	7,207.55	166.53	114.04	3.173	CC, ES, SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	543.26	559.83	183.82	175.82	22.987	CC, ES
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	7,196.55	7,421.84	372.83	317.77	6.771	SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	203.00	189.72	182.15	25.063	CC, ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	7,200.00	7,503.35	596.58	541.78	10.886	SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	203.00	189.85	182.28	25.081	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	7,900.00	7,023.14	726.86	672.14	13.284	SF
BOST FARM 32C-12-M - Wellbore #1 - Design #1	9,142.58	7,083.34	1,156.94	1,072.44	13.691	CC
BOST FARM 32C-12-M - Wellbore #1 - Design #1	9,200.00	7,053.28	1,157.93	1,072.01	13.477	ES
BOST FARM 32C-12-M - Wellbore #1 - Design #1	9,400.00	6,974.50	1,178.26	1,088.24	13.089	SF
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	200.00	203.00	184.33	176.76	24.352	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	7,500.00	7,268.69	493.84	440.69	9.292	SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	8,862.70	7,221.08	953.13	874.48	12.119	CC
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	8,900.00	7,189.83	953.29	874.06	12.031	ES
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	9,200.00	6,989.25	974.32	890.08	11.565	SF
BOST FARM 33C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12A-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 38C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 38N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 40C-8-L - Wellbore #1 - Design #1	264.22	263.06	60.06	52.44	7.885	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	17,546.55	17,741.36	685.91	69.25	1.112	Level 2, SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1	17,546.55	16,318.70	1,079.90	498.52	1.857	CC, ES, SF
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	266.76	265.66	40.01	32.39	5.251	CC
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	17,546.55	17,524.97	457.23	-159.99	0.741	Level 1, ES, SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1	17,546.55	16,113.45	852.95	271.05	1.466	Level 3, CC, ES, SF

Summary

Site Name	Reference	Offset	Distance		Separation	Warning
	Measured	Measured	Between	Between		
Offset Well - Wellbore - Design	Depth	Depth	Centres	Ellipses	Factor	
	(usft)	(usft)	(usft)	(usft)		
<b>5N-66W-07 BOST FARM 5-7 PAD</b>						
BOST FARM 41C-8-L - Wellbore #1 - Design #1	200.00	200.00	59.75	52.18	7.894	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	17,546.55	17,644.01	684.57	68.85	1.112	Level 2, SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	200.00	200.00	20.03	12.46	2.647	CC
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	17,540.37	17,334.69	281.83	-226.15	0.555	Level 1, ES, SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	200.00	200.00	40.07	32.50	5.294	CC
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	17,546.55	17,460.75	452.56	-167.09	0.730	Level 1, ES, SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	200.00	200.00	79.78	72.21	10.541	CC, ES
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	17,546.55	17,512.37	899.53	277.02	1.445	Level 3, SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	203.00	216.27	208.70	28.571	CC, ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	400.00	398.56	219.40	211.63	28.222	SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	203.00	196.95	189.38	26.019	CC, ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	7,900.00	6,988.27	851.55	796.75	15.540	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	203.00	205.74	198.17	27.180	CC, ES
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	7,000.00	7,574.65	961.15	904.24	16.888	SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	203.00	181.15	173.58	23.931	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	7,686.17	7,158.00	283.59	230.69	5.360	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	7,064.54	7,408.01	84.68	28.11	1.497	Level 3, CC, ES, SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	271.07	271.02	19.97	12.35	2.620	CC
BOST FARM 8C-8-L - Wellbore #1 - Design #1	17,546.55	17,683.56	251.77	-313.85	0.445	Level 1, ES, SF
BOST FARM 9C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8C-L - Wellbore #1 - Design #1						Out of range
<b>5N-66W-07 Offsets</b>						
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-13 - SRC Energy SI Well - No Surveys						Out of range
ARIEL J 7-14 - Noble Energy SI Well - Actual VES Surve						Out of range
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	9,319.55	7,316.34	79.96	-8.36	0.905	Level 1, CC, ES, SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES						Out of range
SAMUEL J 7-10 - SRC Energy SI Well - Actual VES Surv						Out of range
SAMUEL J 7-15 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-16 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-23 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-9 - Noble Energy SI Well - Actual VES Surv						Out of range
STEPHENS 7-11 - SRC Energy PR Well - Actual VES Su						Out of range
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su	10,539.16	7,053.65	214.01	91.64	1.749	CC, ES, SF
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su	11,766.84	7,060.35	80.57	-77.37	0.510	Level 1, CC, ES, SF
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su	11,371.98	7,114.77	544.56	397.78	3.710	CC, ES
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su	11,400.00	7,114.84	545.28	397.83	3.698	SF
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	1,547.65	1,503.20	663.84	652.07	56.373	CC
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	1,600.00	1,551.96	664.04	651.97	55.034	ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	8,200.00	7,063.40	1,005.74	947.91	17.392	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	8,013.46	7,050.65	116.23	61.83	2.136	CC, ES, SF

Summary

Site Name	Reference	Offset	Distance		Separation	Warning
	Measured	Measured	Between	Between		
Offset Well - Wellbore - Design	Depth	Depth	Centres	Ellipses	Factor	
	(usft)	(usft)	(usft)	(usft)		
<b>5N-66W-08 Offsets Need HZ</b>						
DRAKE 8-1 - St. James AB Well - No Surveys						Out of range
DRAKE 8-13H6 - SRC Energy PR Well - Actual VES Sur						Out of range
DRAKE 8-15H6 - Noble Energy PR Well - No Surveys						Out of range
DRAKE 8-2 - St. James AB Well - No Surveys						Out of range
MOEN 8-7H6 - SRC Energy SI Well - No Surveys	16,145.31	7,101.44	344.97	-176.14	0.662	Level 1, CC, ES, 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	17,403.75	7,119.20	100.36	-458.54	0.180	Level 1, 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	17,546.55	7,000.00	722.04	487.00	3.072	CC, ES, SF
TC AIMS 2-9-11 - Extraction PR Well (Plan Only) - Plann	17,546.55	6,954.63	959.28	673.22	3.353	CC, ES, SF
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	17,546.55	7,100.00	766.35	482.92	2.704	CC, ES, SF
TC AIMS C5-9-11 - Extraction PR Well (Plan Only) - Plan						Out of range
TC COUNTRY CLUB WEST 1-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well	17,546.55	7,033.00	962.55	676.06	3.360	CC, ES, SF
TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well	17,546.55	7,055.35	720.44	484.12	3.049	CC, ES, SF
TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well	17,546.55	7,051.85	564.08	436.81	4.432	CC, ES, SF
TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well	17,546.55	7,029.11	564.92	442.15	4.601	CC, ES, SF
TC COUNTRY CLUB WEST A2-9-11 - Extraction PR We	17,546.55	7,055.64	829.50	564.12	3.126	CC, ES, SF
TC COUNTRY CLUB WEST C1-9-11 - Extraction PR We						Out of range
TC COUNTRY CLUB WEST C3-9-11 - Extraction PR We	17,546.55	7,100.00	442.64	375.26	6.570	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						Out of range
WHITE 8-1 - Extraction PR Well - No Surveys	13,716.08	7,113.00	860.56	410.60	1.913	CC, ES, SF
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,745.96	7,158.30	1,120.24	876.72	4.600	CC, ES
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,800.00	7,156.35	1,121.54	876.79	4.582	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	13,491.86	7,071.17	176.79	-31.65	0.848	Level 1, CC, ES, SF
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES	14,746.61	7,077.37	343.83	98.44	1.401	Level 3, CC, ES, SF
<b>5N-66W-09 Offsets Incomplete</b>						
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range
<b>5N-66W-18 Offsets Incomplete</b>						
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
<b>5N-67W-01 Offsets Incomplete</b>						
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
<b>5N-67W-02 Offsets Incomplete</b>						
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
<b>5N-67W-10 Offsets Incomplete</b>						
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P						Out of range

**Summary**

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
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	6,669.35	6,476.73	290.68	40.34	1.161	Level 2, CC
BORESEN 1 - Noble Energy PR Well - No Surveys	6,700.00	6,507.02	291.05	39.73	1.158	Level 2, ES, SF
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	4,143.41	3,997.08	868.39	837.55	28.160	CC
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	4,200.00	4,049.06	868.71	837.44	27.783	ES
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	6,700.00	6,684.37	1,103.41	1,057.42	23.997	SF
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	6,578.15	6,506.89	964.39	923.08	23.349	CC, ES
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	6,600.00	6,529.85	964.71	923.32	23.310	SF
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata	6,636.29	6,563.35	1,157.49	1,119.48	30.455	CC, ES
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata	6,700.00	6,624.30	1,160.04	1,121.88	30.401	SF
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy						Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.48	99.82	0.84	99.82					
100.00	100.00	100.00	100.00	3.28	3.28	0.48	99.82	0.84	99.82	92.29	7.53	13.261		
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.82	0.84	99.82	92.25	7.57	13.189		
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.82	0.84	99.82	92.25	7.57	13.189	CC, ES	
300.00	300.00	299.41	299.40	3.34	3.34	103.39	99.97	0.44	100.07	92.42	7.65	13.078		
400.00	399.93	398.19	398.12	3.40	3.41	103.43	101.17	-2.75	102.06	94.29	7.77	13.134		
500.00	499.68	496.89	496.58	3.49	3.49	103.52	103.56	-9.12	106.05	98.11	7.94	13.359		
600.00	599.13	595.44	594.61	3.60	3.60	103.64	107.14	-18.64	112.02	103.86	8.16	13.731		
700.00	698.15	693.80	692.02	3.74	3.74	103.77	111.89	-31.28	119.96	111.52	8.44	14.214		
800.00	796.63	791.90	788.67	3.93	3.92	103.89	117.80	-47.00	129.86	121.07	8.79	14.769		
900.00	894.44	889.70	884.39	4.16	4.13	104.00	124.84	-65.74	141.71	132.48	9.23	15.353		
1,000.00	991.54	987.15	979.04	4.44	4.40	104.09	133.00	-87.45	155.41	145.65	9.76	15.922		
1,100.00	1,088.51	1,085.82	1,074.33	4.76	4.71	103.78	142.00	-111.40	169.93	159.56	10.37	16.382		
1,200.00	1,185.47	1,184.75	1,169.87	5.11	5.06	103.51	151.04	-135.44	184.48	173.43	11.05	16.700		
1,300.00	1,282.44	1,283.68	1,265.41	5.48	5.43	103.28	160.08	-159.49	199.02	187.26	11.77	16.915		
1,400.00	1,379.40	1,382.62	1,360.95	5.87	5.82	103.07	169.12	-183.54	213.57	201.05	12.52	17.055		
1,500.00	1,476.37	1,481.55	1,456.49	6.27	6.23	102.90	178.16	-207.58	228.13	214.82	13.31	17.138		
1,600.00	1,573.34	1,580.48	1,552.03	6.69	6.65	102.74	187.20	-231.63	242.68	228.56	14.12	17.182		
1,700.00	1,670.30	1,679.42	1,647.57	7.11	7.08	102.61	196.23	-255.68	257.24	242.28	14.96	17.197		
1,800.00	1,767.27	1,778.35	1,743.11	7.35	7.37	102.49	205.27	-279.72	271.79	256.53	15.26	17.810		
1,900.00	1,864.23	1,877.28	1,838.65	7.42	7.48	102.38	214.31	-303.77	286.35	271.09	15.26	18.761		
2,000.00	1,961.20	1,976.22	1,934.19	7.53	7.58	102.28	223.35	-327.82	300.91	285.46	15.46	19.469		
2,100.00	2,058.17	2,075.15	2,029.73	7.66	7.71	102.19	232.39	-351.86	315.47	299.76	15.71	20.081		
2,200.00	2,155.13	2,174.08	2,125.27	7.82	7.87	102.10	241.43	-375.91	330.03	314.01	16.02	20.600		
2,300.00	2,252.10	2,273.01	2,220.81	8.01	8.06	102.03	250.46	-399.96	344.59	328.21	16.39	21.029		
2,400.00	2,349.06	2,371.95	2,316.35	8.23	8.28	101.96	259.50	-424.00	359.15	342.35	16.80	21.375		
2,500.00	2,446.03	2,470.88	2,411.89	8.47	8.52	101.90	268.54	-448.05	373.72	356.45	17.27	21.646		
2,600.00	2,543.00	2,569.81	2,507.43	8.73	8.79	101.84	277.58	-472.09	388.28	370.51	17.77	21.849		
2,700.00	2,639.96	2,668.75	2,602.97	9.01	9.07	101.78	286.62	-496.14	402.84	384.53	18.32	21.994		
2,800.00	2,736.93	2,767.68	2,698.51	9.30	9.37	101.73	295.66	-520.19	417.41	398.51	18.90	22.089		

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		
2,900.00	2,833.89	2,866.61	2,794.05	9.62	9.69	101.69	304.70	-544.23	431.97	412.46	19.51	22.141		
3,000.00	2,930.86	2,965.55	2,889.59	9.95	10.03	101.64	313.73	-568.28	446.53	426.38	20.15	22.158		
3,100.00	3,027.82	3,064.48	2,985.13	10.29	10.38	101.60	322.77	-592.33	461.10	440.28	20.82	22.145		
3,200.00	3,124.79	3,163.41	3,080.67	10.64	10.74	101.56	331.81	-616.37	475.66	454.15	21.52	22.108		
3,300.00	3,221.76	3,262.35	3,176.21	11.01	11.11	101.52	340.85	-640.42	490.23	468.00	22.23	22.052		
3,400.00	3,318.72	3,361.28	3,271.75	11.39	11.49	101.49	349.89	-664.47	504.79	481.83	22.97	21.980		
3,500.00	3,415.69	3,460.21	3,367.29	11.77	11.89	101.46	358.93	-688.51	519.36	495.64	23.72	21.897		
3,600.00	3,512.65	3,559.15	3,462.83	12.16	12.29	101.43	367.97	-712.56	533.92	509.43	24.49	21.804		
3,700.00	3,609.62	3,658.08	3,558.37	12.56	12.69	101.40	377.00	-736.61	548.49	523.22	25.27	21.704		
3,800.00	3,706.59	3,757.01	3,653.91	12.97	13.11	101.37	386.04	-760.65	563.05	536.98	26.07	21.600		
3,900.00	3,803.55	3,855.95	3,749.45	13.38	13.53	101.34	395.08	-784.70	577.62	550.74	26.88	21.492		
4,000.00	3,900.52	3,954.88	3,844.99	13.80	13.95	101.32	404.12	-808.75	592.18	564.49	27.70	21.381		
4,100.00	3,997.48	4,053.81	3,940.53	14.22	14.39	101.29	413.16	-832.79	606.75	578.22	28.53	21.270		
4,200.00	4,094.45	4,152.75	4,036.07	14.65	14.82	101.27	422.20	-856.84	621.31	591.95	29.37	21.158		
4,300.00	4,191.42	4,251.68	4,131.61	15.08	15.26	101.25	431.24	-880.89	635.88	605.67	30.21	21.047		
4,400.00	4,288.38	4,350.61	4,227.15	15.52	15.71	101.23	440.27	-904.93	650.45	619.38	31.07	20.936		
4,500.00	4,385.35	4,449.55	4,322.69	15.95	16.15	101.21	449.31	-928.98	665.01	633.08	31.93	20.827		
4,600.00	4,482.31	4,548.48	4,418.23	16.40	16.60	101.19	458.35	-953.03	679.58	646.78	32.80	20.719		
4,700.00	4,579.28	4,647.41	4,513.77	16.84	17.06	101.17	467.39	-977.07	694.14	660.47	33.67	20.614		
4,800.00	4,676.25	4,746.35	4,609.31	17.29	17.52	101.16	476.43	-1,001.12	708.71	674.16	34.55	20.510		
4,900.00	4,773.21	4,845.28	4,704.85	17.74	17.97	101.14	485.47	-1,025.17	723.28	687.84	35.44	20.409		
5,000.00	4,870.18	4,944.21	4,800.39	18.19	18.44	101.12	494.51	-1,049.21	737.84	701.51	36.33	20.310		
5,100.00	4,967.14	5,043.14	4,895.93	18.65	18.90	101.11	503.54	-1,073.26	752.41	715.19	37.22	20.213		
5,200.00	5,064.11	5,142.08	4,991.47	19.10	19.37	101.09	512.58	-1,097.31	766.98	728.85	38.12	20.119		
5,300.00	5,161.07	5,241.01	5,087.01	19.56	19.83	101.08	521.62	-1,121.35	781.54	742.52	39.03	20.027		
5,400.00	5,258.04	5,339.94	5,182.54	20.02	20.30	101.06	530.66	-1,145.40	796.11	756.18	39.93	19.937		
5,500.00	5,355.01	5,438.88	5,278.08	20.49	20.78	101.05	539.70	-1,169.45	810.68	769.83	40.84	19.850		
5,600.00	5,451.97	5,537.81	5,373.62	20.95	21.25	101.04	548.74	-1,193.49	825.24	783.49	41.75	19.765		
5,700.00	5,548.94	5,636.74	5,469.16	21.41	21.72	101.03	557.77	-1,217.54	839.81	797.14	42.67	19.683		
5,800.00	5,645.90	5,735.68	5,564.70	21.88	22.20	101.01	566.81	-1,241.59	854.38	810.79	43.59	19.602		
5,900.00	5,742.87	5,834.61	5,660.24	22.35	22.68	101.00	575.85	-1,265.63	868.94	824.44	44.51	19.524		
6,000.00	5,839.84	5,933.54	5,755.78	22.82	23.15	100.99	584.89	-1,289.68	883.51	838.08	45.43	19.448		
6,100.00	5,936.80	6,032.48	5,851.32	23.29	23.63	100.98	593.93	-1,313.73	898.08	851.72	46.35	19.374		
6,200.00	6,033.77	6,131.41	5,946.86	23.76	24.11	100.97	602.97	-1,337.77	912.64	865.36	47.28	19.303		
6,300.00	6,130.73	6,230.34	6,042.40	24.23	24.59	100.96	612.01	-1,361.82	927.21	879.00	48.21	19.233		
6,400.00	6,227.70	6,329.28	6,137.94	24.70	25.08	100.95	621.04	-1,385.87	941.78	892.64	49.14	19.165		
6,500.00	6,325.19	6,429.64	6,235.28	25.04	25.47	109.18	630.23	-1,408.40	956.43	906.56	49.86	19.181		
6,600.00	6,424.66	6,531.70	6,336.41	25.19	25.65	-174.88	639.56	-1,417.35	971.35	921.15	50.20	19.351		
6,700.00	6,524.02	6,634.04	6,437.96	25.27	25.75	-109.70	648.70	-1,409.94	986.21	935.82	50.39	19.572		
6,800.00	6,620.84	6,736.67	6,537.31	25.32	25.83	-99.10	657.42	-1,386.22	1,000.65	950.11	50.54	19.801		
6,900.00	6,712.73	6,839.59	6,631.87	25.41	25.92	-94.61	665.47	-1,346.66	1,014.30	963.55	50.75	19.987		
7,000.00	6,797.42	6,942.81	6,719.10	25.56	26.10	-91.85	672.65	-1,292.17	1,026.83	975.69	51.14	20.079		
7,100.00	6,872.84	7,046.25	6,796.60	25.86	26.43	-89.89	678.74	-1,224.10	1,037.93	986.09	51.84	20.023		
7,200.00	6,937.12	7,149.84	6,862.22	26.34	26.96	-88.42	683.60	-1,144.24	1,047.32	994.36	52.96	19.776		
7,300.00	6,988.68	7,253.47	6,914.11	27.07	27.76	-87.30	687.06	-1,054.74	1,054.77	1,000.16	54.61	19.316		
7,400.00	7,026.26	7,356.98	6,950.85	28.05	28.83	-86.49	689.05	-958.11	1,060.10	1,003.30	56.80	18.665		
7,500.00	7,048.92	7,460.22	6,971.50	29.28	30.16	-85.94	689.50	-857.07	1,063.17	1,003.71	59.47	17.879		
7,600.00	7,056.33	7,561.99	6,976.87	30.70	31.66	-85.72	688.56	-755.50	1,063.98	1,001.49	62.49	17.027		
7,700.00	7,058.28	7,661.99	6,979.09	32.32	33.33	-85.73	687.36	-655.53	1,064.00	998.16	65.85	16.158		
7,800.00	7,060.24	7,761.99	6,981.32	34.12	35.17	-85.75	686.15	-555.57	1,064.03	994.48	69.55	15.299		
7,900.00	7,062.19	7,861.99	6,983.55	36.08	37.16	-85.76	684.95	-455.60	1,064.06	990.52	73.54	14.469		
8,000.00	7,064.15	7,961.99	6,985.78	38.17	39.27	-85.78	683.74	-355.63	1,064.09	986.30	77.78	13.680		
8,100.00	7,066.11	8,061.99	6,988.01	40.38	41.50	-85.79	682.54	-255.66	1,064.11	981.88	82.23	12.940		
8,200.00	7,068.06	8,161.99	6,990.23	42.68	43.81	-85.81	681.33	-155.70	1,064.14	977.28	86.86	12.251		
8,300.00	7,070.02	8,261.99	6,992.46	45.06	46.20	-85.82	680.13	-55.73	1,064.17	972.53	91.64	11.613		
8,400.00	7,071.97	8,361.99	6,994.69	47.50	48.65	-85.83	678.92	44.24	1,064.20	967.65	96.54	11.023		
8,500.00	7,073.93	8,461.99	6,996.92	50.01	51.16	-85.85	677.72	144.21	1,064.23	962.67	101.56	10.479		
8,600.00	7,075.89	8,561.99	6,999.15	52.56	53.72	-85.86	676.51	244.17	1,064.25	957.59	106.67	9.977		
8,700.00	7,077.84	8,661.99	7,001.37	55.16	56.32	-85.88	675.31	344.14	1,064.28	952.43	111.86	9.515		
8,800.00	7,079.80	8,761.99	7,003.60	57.79	58.95	-85.89	674.10	444.11	1,064.31	947.20	117.11	9.088		
8,900.00	7,081.76	8,861.99	7,005.83	60.45	61.62	-85.91	672.90	544.08	1,064.34	941.90	122.43	8.693		
9,000.00	7,083.71	8,961.99	7,008.06	63.14	64.31	-85.92	671.70	644.04	1,064.37	936.56	127.81	8.328		
9,100.00	7,085.67	9,061.99	7,010.29	65.85	67.02	-85.94	670.49	744.01	1,064.40	931.17	133.23	7.989		
9,200.00	7,087.62	9,161.99	7,012.52	68.59	69.76	-85.95	669.29	843.98	1,064.42	925.73	138.69	7.675		
9,300.00	7,089.58	9,261.99	7,014.74	71.34	72.51	-85.97	668.08	943.95	1,064.45	920.26	144.19	7.382		
9,400.00	7,091.54	9,361.98	7,016.97	74.11	75.28	-85.98	666.88	1,043.91	1,064.48	914.76	149.72	7.110		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft	
Reference				Offset			Semi Major Axis			Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,500.00	7,093.49	9,461.98	7,019.20	76.90	78.06	-86.00	665.67	1,143.88	1,064.51	909.23	155.28	6.855		
9,600.00	7,095.45	9,561.98	7,021.43	79.69	80.86	-86.01	664.47	1,243.85	1,064.54	903.67	160.86	6.618		
9,700.00	7,097.41	9,661.98	7,023.66	82.50	83.67	-86.03	663.26	1,343.82	1,064.57	898.09	166.47	6.395		
9,800.00	7,099.36	9,761.98	7,025.88	85.32	86.49	-86.04	662.06	1,443.78	1,064.60	892.49	172.11	6.186		
9,900.00	7,101.32	9,861.98	7,028.11	88.15	89.31	-86.06	660.85	1,543.75	1,064.62	886.87	177.76	5.989		
10,000.00	7,103.27	9,961.98	7,030.34	90.99	92.15	-86.07	659.65	1,643.72	1,064.65	881.23	183.42	5.804		
10,100.00	7,105.23	10,061.98	7,032.57	93.84	95.00	-86.09	658.44	1,743.69	1,064.68	875.58	189.11	5.630		
10,200.00	7,107.19	10,161.98	7,034.80	96.69	97.85	-86.10	657.24	1,843.65	1,064.71	869.91	194.80	5.466		
10,300.00	7,109.14	10,261.98	7,037.02	99.55	100.71	-86.12	656.03	1,943.62	1,064.74	864.23	200.51	5.310		
10,400.00	7,111.10	10,361.98	7,039.25	102.42	103.57	-86.13	654.83	2,043.59	1,064.77	858.53	206.24	5.163		
10,500.00	7,113.06	10,461.98	7,041.48	105.29	106.44	-86.15	653.62	2,143.56	1,064.80	852.83	211.97	5.023		
10,600.00	7,115.01	10,561.98	7,043.71	108.17	109.32	-86.16	652.42	2,243.52	1,064.83	847.11	217.72	4.891		
10,700.00	7,116.97	10,661.98	7,045.94	111.05	112.20	-86.17	651.22	2,343.49	1,064.86	841.39	223.47	4.765		
10,800.00	7,118.92	10,761.98	7,048.17	113.94	115.09	-86.19	650.01	2,443.46	1,064.89	835.65	229.24	4.645		
10,900.00	7,120.88	10,861.98	7,050.39	116.83	117.97	-86.20	648.81	2,543.43	1,064.92	829.91	235.01	4.531		
11,000.00	7,122.84	10,961.98	7,052.62	119.72	120.87	-86.22	647.60	2,643.39	1,064.95	824.16	240.79	4.423		
11,100.00	7,124.79	11,061.98	7,054.85	122.62	123.76	-86.23	646.40	2,743.36	1,064.98	818.41	246.57	4.319		
11,200.00	7,126.75	11,161.98	7,057.08	125.52	126.66	-86.25	645.19	2,843.33	1,065.01	812.64	252.36	4.220		
11,300.00	7,128.70	11,261.98	7,059.31	128.42	129.56	-86.26	643.99	2,943.30	1,065.04	806.87	258.16	4.125		
11,400.00	7,130.66	11,361.98	7,061.53	131.33	132.47	-86.28	642.78	3,043.26	1,065.07	801.10	263.97	4.035		
11,500.00	7,132.62	11,461.98	7,063.76	134.24	135.38	-86.29	641.58	3,143.23	1,065.10	795.32	269.78	3.948		
11,600.00	7,134.57	11,561.98	7,065.99	137.15	138.29	-86.31	640.37	3,243.20	1,065.13	789.53	275.59	3.865		
11,700.00	7,136.53	11,661.98	7,068.22	140.06	141.20	-86.32	639.17	3,343.17	1,065.16	783.74	281.41	3.785		
11,800.00	7,138.49	11,761.98	7,070.45	142.98	144.11	-86.34	637.96	3,443.13	1,065.19	777.95	287.24	3.708		
11,900.00	7,140.44	11,861.97	7,072.67	145.89	147.03	-86.34	636.76	3,543.10	1,064.64	771.59	293.06	3.633		
12,000.00	7,142.40	11,961.97	7,074.90	148.80	149.95	-86.35	635.55	3,643.07	1,064.01	765.12	298.89	3.560		
12,100.00	7,144.36	12,061.97	7,077.13	151.72	152.87	-86.37	634.35	3,743.03	1,063.37	758.65	304.72	3.490		
12,200.00	7,146.32	12,161.97	7,079.36	154.65	155.79	-86.38	633.14	3,843.00	1,062.74	752.18	310.56	3.422		
12,300.00	7,148.28	12,261.96	7,081.59	157.57	158.72	-86.39	631.94	3,942.96	1,062.11	745.71	316.40	3.357		
12,400.00	7,150.23	12,361.96	7,083.82	160.49	161.64	-86.40	630.74	4,042.93	1,061.47	739.23	322.24	3.294		
12,500.00	7,152.19	12,461.96	7,086.04	163.42	164.57	-86.42	629.53	4,142.89	1,060.84	732.75	328.09	3.233		
12,600.00	7,154.15	12,561.96	7,088.27	166.35	167.50	-86.43	628.33	4,242.86	1,060.21	726.27	333.94	3.175		
12,700.00	7,156.11	12,661.96	7,090.50	169.28	170.43	-86.44	627.12	4,342.83	1,059.57	719.78	339.79	3.118		
12,800.00	7,158.07	12,761.95	7,092.73	172.21	173.36	-86.45	625.92	4,442.79	1,058.94	713.29	345.65	3.064		
12,900.00	7,160.02	12,861.95	7,094.96	175.14	176.29	-86.47	624.71	4,542.76	1,058.31	706.80	351.51	3.011		
13,000.00	7,161.98	12,961.95	7,097.18	178.07	179.22	-86.48	623.51	4,642.72	1,057.67	700.31	357.37	2.960		
13,100.00	7,163.94	13,061.95	7,099.41	181.00	182.16	-86.49	622.30	4,742.69	1,057.04	693.81	363.23	2.910		
13,200.00	7,165.90	13,161.94	7,101.64	183.94	185.09	-86.50	621.10	4,842.65	1,056.41	687.31	369.09	2.862		
13,300.00	7,167.85	13,261.94	7,103.87	186.87	188.03	-86.52	619.89	4,942.62	1,055.77	680.81	374.96	2.816		
13,400.00	7,169.81	13,361.94	7,106.10	189.81	190.96	-86.53	618.69	5,042.59	1,055.14	674.31	380.83	2.771		
13,500.00	7,171.77	13,461.94	7,108.32	192.75	193.90	-86.54	617.48	5,142.55	1,054.51	667.81	386.70	2.727		
13,600.00	7,173.73	13,561.94	7,110.55	195.68	196.84	-86.56	616.28	5,242.52	1,053.87	661.30	392.57	2.685		
13,700.00	7,175.69	13,661.93	7,112.78	198.62	199.78	-86.57	615.07	5,342.48	1,053.24	654.80	398.44	2.643		
13,800.00	7,177.64	13,761.93	7,115.01	201.56	202.72	-86.58	613.87	5,442.45	1,052.61	648.29	404.32	2.603		
13,900.00	7,179.60	13,861.93	7,117.24	204.50	205.66	-86.59	612.67	5,542.41	1,051.97	641.78	410.20	2.565		
14,000.00	7,181.56	13,961.93	7,119.46	207.44	208.60	-86.61	611.46	5,642.38	1,051.34	635.27	416.07	2.527		
14,100.00	7,183.52	14,061.92	7,121.69	210.39	211.55	-86.62	610.26	5,742.34	1,050.71	628.75	421.95	2.490		
14,200.00	7,185.48	14,161.92	7,123.92	213.33	214.49	-86.63	609.05	5,842.31	1,050.08	622.24	427.84	2.454		
14,300.00	7,187.43	14,261.92	7,126.15	216.27	217.43	-86.64	607.85	5,942.28	1,049.44	615.72	433.72	2.420		
14,400.00	7,189.39	14,361.92	7,128.38	219.21	220.38	-86.66	606.64	6,042.24	1,048.81	609.21	439.60	2.386		
14,500.00	7,191.35	14,461.91	7,130.61	222.16	223.32	-86.67	605.44	6,142.21	1,048.18	602.69	445.49	2.353		
14,600.00	7,193.31	14,561.91	7,132.83	225.10	226.27	-86.68	604.23	6,242.17	1,047.55	596.17	451.37	2.321		
14,700.00	7,195.27	14,661.91	7,135.06	228.05	229.21	-86.70	603.03	6,342.14	1,046.91	589.65	457.26	2.290		
14,800.00	7,197.22	14,761.91	7,137.29	230.99	232.16	-86.71	601.82	6,442.10	1,046.28	583.13	463.15	2.259		
14,900.00	7,199.18	14,861.91	7,139.52	233.94	235.11	-86.72	600.62	6,542.07	1,045.65	576.61	469.04	2.229		
15,000.00	7,201.14	14,961.90	7,141.75	236.88	238.05	-86.73	599.41	6,642.04	1,045.02	570.08	474.93	2.200		
15,100.00	7,203.10	15,061.90	7,143.97	239.83	241.00	-86.75	598.21	6,742.00	1,044.38	563.56	480.82	2.172		
15,200.00	7,205.06	15,161.90	7,146.20	242.78	243.95	-86.76	597.00	6,841.97	1,043.75	557.04	486.72	2.144		
15,300.00	7,207.01	15,261.90	7,148.43	245.73	246.90	-86.77	595.80	6,941.93	1,043.12	550.51	492.61	2.118		
15,400.00	7,208.97	15,361.89	7,150.66	248.67	249.85	-86.79	594.59	7,041.90	1,042.49	543.98	498.50	2.091		
15,500.00	7,210.93	15,461.89	7,152.89	251.62	252.80	-86.80	593.39	7,141.86	1,041.85	537.45	504.40	2.066		
15,600.00	7,212.89	15,561.89	7,155.11	254.57	255.75	-86.81	592.19	7,241.83	1,041.22	530.93	510.30	2.040		
15,700.00	7,214.85	15,661.89	7,157.34	257.52	258.70	-86.82	590.98	7,341.80	1,040.59	524.40	516.19	2.016		
15,800.00	7,216.80	15,761.89	7,159.57	260.47	261.65	-86.84	589.78	7,441.76	1,039.96	517.87	522.09	1.992		
15,900.00	7,218.76	15,861.88	7,161.80	263.42	264.60	-86.85	588.57	7,541.73	1,039.33	511.34	527.99	1.968		
16,000.00	7,220.72	15,961.88	7,164.03	266.37	267.55	-86.86	587.37	7,641.69	1,038.70	504.80	533.89	1.946		

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
16,100.00	7,222.68	16,061.88	7,166.25	269.32	270.50	-86.88	586.16	7,741.66	1,038.06	498.27	539.79	1.923	
16,200.00	7,224.64	16,161.88	7,168.48	272.27	273.45	-86.89	584.96	7,841.62	1,037.43	491.74	545.69	1.901	
16,300.00	7,226.59	16,261.87	7,170.71	275.22	276.41	-86.90	583.75	7,941.59	1,036.80	485.21	551.59	1.880	
16,400.00	7,228.55	16,361.87	7,172.94	278.17	279.36	-86.92	582.55	8,041.55	1,036.17	478.67	557.50	1.859	
16,500.00	7,230.51	16,461.87	7,175.17	281.13	282.31	-86.93	581.34	8,141.52	1,035.54	472.14	563.40	1.838	
16,600.00	7,232.47	16,561.87	7,177.40	284.08	285.26	-86.94	580.14	8,241.49	1,034.91	465.60	569.30	1.818	
16,700.00	7,234.43	16,661.86	7,179.62	287.03	288.22	-86.95	578.93	8,341.45	1,034.27	459.07	575.21	1.798	
16,800.00	7,236.38	16,761.86	7,181.85	289.98	291.17	-86.97	577.73	8,441.42	1,033.64	452.53	581.11	1.779	
16,900.00	7,238.34	16,861.86	7,184.08	292.94	294.12	-86.98	576.52	8,541.38	1,033.01	445.99	587.02	1.760	
17,000.00	7,240.30	16,961.86	7,186.31	295.89	297.08	-86.99	575.32	8,641.35	1,032.38	439.45	592.93	1.741	
17,100.00	7,242.26	17,061.86	7,188.54	298.84	300.03	-87.01	574.12	8,741.31	1,031.75	432.92	598.83	1.723	
17,200.00	7,244.21	17,161.85	7,190.76	301.79	302.99	-87.02	572.91	8,841.28	1,031.12	426.38	604.74	1.705	
17,300.00	7,246.17	17,261.85	7,192.99	304.75	305.94	-87.03	571.71	8,941.25	1,030.49	419.84	610.65	1.688	
17,400.00	7,248.13	17,361.85	7,195.22	307.70	308.90	-87.05	570.50	9,041.21	1,029.86	413.30	616.56	1.670	
17,500.00	7,250.09	17,461.85	7,197.45	310.66	311.85	-87.06	569.30	9,141.18	1,029.22	406.76	622.46	1.653	
17,532.50	7,250.72	17,494.34	7,198.17	311.62	312.81	-87.06	568.91	9,173.66	1,029.02	404.63	624.38	1.648 SF	
17,546.55	7,251.00	17,486.62	7,198.00	312.03	312.58	-87.06	569.00	9,165.94	1,029.16	404.70	624.47	1.648	

Offset Design													Offset Site Error:	0.00 usft
15N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.40	119.85	0.84	119.85					
100.00	100.00	100.00	100.00	3.28	3.28	0.40	119.85	0.84	119.85	112.33	7.53	15.923		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	119.85	0.84	119.85	112.28	7.57	15.836		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	119.85	0.84	119.85	112.28	7.57	15.836	CC, ES	
300.00	300.00	299.01	299.01	3.34	3.34	103.32	120.05	0.47	120.16	112.51	7.65	15.703	SF	
400.00	399.93	397.00	396.93	3.40	3.41	103.45	121.68	-2.46	122.60	114.83	7.77	15.777		
500.00	499.68	494.85	494.55	3.49	3.49	103.70	124.94	-8.30	127.49	119.56	7.94	16.064		
600.00	599.13	592.48	591.67	3.60	3.60	104.03	129.79	-17.03	134.82	126.67	8.15	16.535		
700.00	698.15	689.81	688.09	3.74	3.74	104.41	136.24	-28.61	144.58	136.15	8.43	17.150		
800.00	796.63	786.76	783.63	3.93	3.91	104.80	144.23	-42.97	156.75	147.97	8.78	17.862		
900.00	894.44	883.25	878.10	4.16	4.12	105.17	153.75	-60.07	171.31	162.11	9.20	18.621		
1,000.00	991.54	979.21	971.36	4.44	4.37	105.55	164.74	-79.82	188.16	178.45	9.71	19.375		
1,100.00	1,088.51	1,075.61	1,064.28	4.76	4.68	105.39	177.23	-102.26	206.50	196.20	10.30	20.049		
1,200.00	1,185.47	1,173.84	1,158.75	5.11	5.02	105.08	190.32	-125.78	225.18	214.22	10.96	20.538		
1,300.00	1,282.44	1,272.08	1,253.23	5.48	5.40	104.81	203.41	-149.29	243.86	232.19	11.68	20.887		
1,400.00	1,379.40	1,370.31	1,347.70	5.87	5.80	104.59	216.50	-172.80	262.55	250.13	12.42	21.133		
1,500.00	1,476.37	1,468.54	1,442.17	6.27	6.22	104.39	229.59	-196.32	281.24	268.04	13.21	21.296		
1,600.00	1,573.34	1,566.78	1,536.65	6.69	6.65	104.22	242.67	-219.83	299.94	285.93	14.01	21.403		
1,700.00	1,670.30	1,665.01	1,631.12	7.11	7.10	104.06	255.76	-243.35	318.64	303.79	14.84	21.467		
1,800.00	1,767.27	1,763.24	1,725.60	7.35	7.42	103.93	268.85	-266.86	337.34	322.16	15.17	22.234		
1,900.00	1,864.23	1,861.48	1,820.07	7.42	7.56	103.81	281.94	-290.38	356.04	340.84	15.20	23.424		
2,000.00	1,961.20	1,959.71	1,914.55	7.53	7.66	103.70	295.03	-313.89	374.74	359.35	15.39	24.355		
2,100.00	2,058.17	2,057.94	2,009.02	7.66	7.80	103.60	308.11	-337.41	393.44	377.81	15.63	25.165		
2,200.00	2,155.13	2,156.18	2,103.50	7.82	7.96	103.51	321.20	-360.92	412.15	396.21	15.94	25.856		
2,300.00	2,252.10	2,254.41	2,197.97	8.01	8.16	103.43	334.29	-384.44	430.85	414.55	16.30	26.433		
2,400.00	2,349.06	2,352.64	2,292.45	8.23	8.38	103.35	347.38	-407.95	449.56	432.85	16.71	26.902		
2,500.00	2,446.03	2,450.88	2,386.92	8.47	8.63	103.28	360.47	-431.47	468.27	451.10	17.17	27.274		
2,600.00	2,543.00	2,549.11	2,481.40	8.73	8.91	103.22	373.56	-454.98	486.98	469.31	17.67	27.559		
2,700.00	2,639.96	2,647.34	2,575.87	9.01	9.20	103.16	386.64	-478.50	505.68	487.47	18.21	27.768		
2,800.00	2,736.93	2,745.57	2,670.35	9.30	9.51	103.10	399.73	-502.01	524.39	505.60	18.79	27.912		
2,900.00	2,833.89	2,843.81	2,764.82	9.62	9.84	103.05	412.82	-525.53	543.10	523.70	19.40	27.999		
3,000.00	2,930.86	2,942.04	2,859.30	9.95	10.19	103.01	425.91	-549.04	561.81	541.77	20.04	28.039		
3,100.00	3,027.82	3,040.27	2,953.77	10.29	10.55	102.96	439.00	-572.56	580.52	559.82	20.70	28.041		
3,200.00	3,124.79	3,138.51	3,048.25	10.64	10.93	102.92	452.08	-596.07	599.23	577.84	21.39	28.011		
3,300.00	3,221.76	3,236.74	3,142.72	11.01	11.31	102.88	465.17	-619.59	617.94	595.84	22.11	27.955		
3,400.00	3,318.72	3,334.97	3,237.20	11.39	11.71	102.84	478.26	-643.10	636.65	613.82	22.84	27.878		
3,500.00	3,415.69	3,433.21	3,331.67	11.77	12.11	102.81	491.35	-666.62	655.36	631.78	23.59	27.785		
3,600.00	3,512.65	3,531.44	3,426.15	12.16	12.53	102.77	504.44	-690.13	674.07	649.72	24.35	27.679		
3,700.00	3,609.62	3,629.67	3,520.62	12.56	12.95	102.74	517.53	-713.65	692.79	667.65	25.13	27.563		
3,800.00	3,706.59	3,727.91	3,615.10	12.97	13.38	102.71	530.61	-737.16	711.50	685.57	25.93	27.441		
3,900.00	3,803.55	3,826.14	3,709.57	13.38	13.81	102.69	543.70	-760.68	730.21	703.47	26.74	27.313		
4,000.00	3,900.52	3,924.37	3,804.05	13.80	14.25	102.66	556.79	-784.19	748.92	721.37	27.55	27.182		
4,100.00	3,997.48	4,022.61	3,898.52	14.22	14.70	102.63	569.88	-807.71	767.63	739.25	28.38	27.048		
4,200.00	4,094.45	4,120.84	3,993.00	14.65	15.15	102.61	582.97	-831.22	786.35	757.13	29.22	26.914		
4,300.00	4,191.42	4,219.07	4,087.47	15.08	15.60	102.59	596.05	-854.74	805.06	775.00	30.06	26.780		
4,400.00	4,288.38	4,317.30	4,181.95	15.52	16.06	102.57	609.14	-878.25	823.77	792.86	30.92	26.646		
4,500.00	4,385.35	4,415.54	4,276.42	15.95	16.53	102.54	622.23	-901.77	842.48	810.71	31.78	26.514		
4,600.00	4,482.31	4,513.77	4,370.90	16.40	16.99	102.52	635.32	-925.28	861.20	828.55	32.64	26.383		
4,700.00	4,579.28	4,612.00	4,465.37	16.84	17.46	102.50	648.41	-948.79	879.91	846.39	33.51	26.255		
4,800.00	4,676.25	4,710.24	4,559.85	17.29	17.93	102.49	661.50	-972.31	898.62	864.23	34.39	26.128		
4,900.00	4,773.21	4,808.47	4,654.32	17.74	18.41	102.47	674.58	-995.82	917.33	882.06	35.28	26.005		
5,000.00	4,870.18	4,906.70	4,748.80	18.19	18.88	102.45	687.67	-1,019.34	936.05	899.88	36.16	25.884		
5,100.00	4,967.14	5,004.94	4,843.27	18.65	19.36	102.44	700.76	-1,042.85	954.76	917.70	37.06	25.765		
5,200.00	5,064.11	5,103.17	4,937.74	19.10	19.84	102.42	713.85	-1,066.37	973.47	935.52	37.95	25.650		
5,300.00	5,161.07	5,201.40	5,032.22	19.56	20.33	102.40	726.94	-1,089.88	992.19	953.33	38.85	25.537		
5,400.00	5,258.04	5,300.36	5,126.69	20.02	20.81	102.39	740.02	-1,113.40	1,010.90	971.14	39.76	25.425		
5,500.00	5,355.01	5,397.87	5,221.17	20.49	21.30	102.38	753.11	-1,136.91	1,029.61	988.95	40.66	25.320		
5,600.00	5,451.97	5,503.90	5,315.64	20.95	21.82	102.36	766.20	-1,160.43	1,048.33	1,006.72	41.61	25.193		
5,700.00	5,548.94	5,605.66	5,410.12	21.41	22.33	102.35	779.29	-1,183.94	1,067.04	1,024.50	42.54	25.082		
5,800.00	5,645.90	5,707.43	5,504.59	21.88	22.84	102.34	792.38	-1,207.46	1,085.75	1,042.28	43.47	24.975		
5,900.00	5,742.87	5,809.20	5,599.07	22.35	23.35	102.32	805.47	-1,230.97	1,104.47	1,060.06	44.41	24.870		
6,000.00	5,839.84	5,889.03	5,693.54	22.82	23.75	102.31	818.55	-1,254.49	1,123.18	1,077.94	45.24	24.825		
6,100.00	5,936.80	5,987.27	5,788.02	23.29	24.25	102.30	831.64	-1,278.00	1,141.89	1,095.73	46.17	24.734		
6,200.00	6,033.77	6,085.50	5,882.49	23.76	24.74	102.29	844.73	-1,301.52	1,160.61	1,113.52	47.09	24.646		
6,300.00	6,130.73	6,183.73	5,976.97	24.23	25.24	102.28	857.82	-1,325.03	1,179.32	1,131.30	48.02	24.560		
6,400.00	6,227.70	6,281.97	6,071.44	24.70	25.74	102.27	870.91	-1,348.55	1,198.04	1,149.09	48.95	24.476		



Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+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	0.46	139.89	1.11	139.89					
100.00	100.00	100.00	100.00	3.28	3.28	0.46	139.89	1.11	139.89	132.37	7.53	18.585		
200.00	200.00	200.00	200.00	3.30	3.30	0.46	139.89	1.11	139.89	132.33	7.57	18.484		
200.00	200.00	200.00	200.00	3.30	3.30	0.46	139.89	1.11	139.89	132.33	7.57	18.484	CC, ES	
300.00	300.00	298.76	298.76	3.34	3.34	103.37	140.11	0.76	140.22	132.57	7.65	18.325	SF	
400.00	399.93	396.23	396.17	3.40	3.41	103.52	141.86	-2.06	142.79	135.02	7.77	18.376		
500.00	499.68	493.55	493.26	3.49	3.49	103.78	145.34	-7.68	147.95	140.01	7.94	18.644		
600.00	599.13	590.64	589.83	3.60	3.60	104.14	150.55	-16.08	155.67	147.52	8.15	19.098		
700.00	698.15	687.38	685.68	3.74	3.74	104.55	157.45	-27.21	165.95	157.52	8.43	19.697		
800.00	796.63	783.70	780.62	3.93	3.90	104.98	166.01	-41.02	178.78	170.01	8.77	20.393		
900.00	894.44	879.51	874.46	4.16	4.11	105.40	176.19	-57.43	194.13	184.95	9.19	21.134		
1,000.00	991.54	974.74	967.04	4.44	4.36	105.85	187.94	-76.38	211.90	202.21	9.69	21.869		
1,100.00	1,088.51	1,069.99	1,058.85	4.76	4.65	105.83	201.29	-97.91	231.32	221.06	10.27	22.534		
1,200.00	1,185.47	1,167.97	1,152.99	5.11	5.00	105.58	215.61	-121.01	251.29	240.36	10.92	23.003		
1,300.00	1,282.44	1,265.95	1,247.13	5.48	5.38	105.36	229.93	-144.10	271.25	259.62	11.63	23.324		
1,400.00	1,379.40	1,363.94	1,341.27	5.87	5.78	105.18	244.24	-167.19	291.22	278.85	12.37	23.537		
1,500.00	1,476.37	1,461.92	1,435.41	6.27	6.20	105.01	258.56	-190.29	311.20	298.05	13.15	23.664		
1,600.00	1,573.34	1,559.90	1,529.54	6.69	6.63	104.87	272.88	-213.38	331.17	317.22	13.95	23.734		
1,700.00	1,670.30	1,657.88	1,623.68	7.11	7.08	104.74	287.20	-236.47	351.15	336.37	14.78	23.762		
1,800.00	1,767.27	1,755.86	1,717.82	7.55	7.42	104.63	301.52	-259.56	371.13	356.01	15.12	24.548		
1,900.00	1,864.23	1,853.84	1,811.96	7.42	7.57	104.53	315.84	-282.66	391.11	375.95	15.16	25.801		
2,000.00	1,961.20	1,951.83	1,906.10	7.53	7.67	104.44	330.15	-305.75	411.09	395.74	15.34	26.795		
2,100.00	2,058.17	2,049.81	2,000.24	7.66	7.81	104.35	344.47	-328.84	431.07	415.48	15.59	27.658		
2,200.00	2,155.13	2,147.79	2,094.38	7.82	7.97	104.28	358.79	-351.94	451.05	435.16	15.89	28.390		
2,300.00	2,252.10	2,245.77	2,188.51	8.01	8.17	104.21	373.11	-375.03	471.03	454.79	16.24	28.998		
2,400.00	2,349.06	2,343.75	2,282.65	8.23	8.39	104.14	387.43	-398.12	491.02	474.37	16.65	29.490		
2,500.00	2,446.03	2,441.73	2,376.79	8.47	8.64	104.08	401.75	-421.22	511.00	493.90	17.10	29.875		
2,600.00	2,543.00	2,539.71	2,470.93	8.73	8.91	104.03	416.06	-444.31	530.99	513.38	17.60	30.167		
2,700.00	2,639.96	2,637.70	2,565.07	9.01	9.21	103.98	430.38	-467.40	550.97	532.83	18.14	30.376		
2,800.00	2,736.93	2,735.68	2,659.21	9.30	9.52	103.93	444.70	-490.49	570.96	552.25	18.71	30.514		
2,900.00	2,833.89	2,833.66	2,753.35	9.62	9.85	103.89	459.02	-513.59	590.94	571.63	19.32	30.592		
3,000.00	2,930.86	2,931.64	2,847.48	9.95	10.20	103.85	473.34	-536.68	610.93	590.98	19.95	30.619		
3,100.00	3,027.82	3,029.62	2,941.62	10.29	10.56	103.81	487.66	-559.77	630.91	610.30	20.61	30.605		
3,200.00	3,124.79	3,127.60	3,035.76	10.64	10.94	103.77	501.97	-582.87	650.90	629.60	21.30	30.557		
3,300.00	3,221.76	3,225.59	3,129.90	11.01	11.33	103.74	516.29	-605.96	670.89	648.88	22.01	30.482		
3,400.00	3,318.72	3,323.57	3,224.04	11.39	11.72	103.71	530.61	-629.05	690.88	668.14	22.74	30.384		
3,500.00	3,415.69	3,421.55	3,318.18	11.77	12.13	103.68	544.93	-652.15	710.86	687.38	23.48	30.270		
3,600.00	3,512.65	3,519.53	3,412.32	12.16	12.55	103.65	559.25	-675.24	730.85	706.60	24.25	30.142		
3,700.00	3,609.62	3,617.51	3,506.46	12.56	12.97	103.62	573.57	-698.33	750.84	725.81	25.02	30.004		
3,800.00	3,706.59	3,715.49	3,600.59	12.97	13.40	103.60	587.88	-721.43	770.83	745.01	25.81	29.860		
3,900.00	3,803.55	3,813.47	3,694.73	13.38	13.84	103.57	602.20	-744.52	790.81	764.20	26.62	29.710		
4,000.00	3,900.52	3,911.46	3,788.87	13.80	14.28	103.55	616.52	-767.61	810.80	783.37	27.43	29.557		
4,100.00	3,997.48	4,009.44	3,883.01	14.22	14.73	103.53	630.84	-790.70	830.79	802.53	28.26	29.403		
4,200.00	4,094.45	4,107.42	3,977.15	14.65	15.18	103.51	645.16	-813.80	850.78	821.69	29.09	29.247		
4,300.00	4,191.42	4,205.40	4,071.29	15.08	15.64	103.49	659.48	-836.89	870.77	840.84	29.93	29.093		
4,400.00	4,288.38	4,303.38	4,165.43	15.52	16.10	103.47	673.79	-859.98	890.75	859.97	30.78	28.939		
4,500.00	4,385.35	4,401.36	4,259.56	15.95	16.56	103.45	688.11	-883.08	910.74	879.11	31.64	28.787		
4,600.00	4,482.31	4,500.66	4,353.70	16.40	17.04	103.43	702.43	-906.17	930.73	898.23	32.51	28.633		
4,700.00	4,579.28	4,602.67	4,447.84	16.84	17.53	103.42	716.75	-929.26	950.72	917.33	33.39	28.470		
4,800.00	4,676.25	4,704.69	4,541.98	17.29	18.02	103.40	731.07	-952.36	970.71	936.42	34.29	28.311		
4,900.00	4,773.21	4,806.71	4,636.12	17.74	18.52	103.38	745.38	-975.45	990.70	955.51	35.19	28.156		
5,000.00	4,870.18	4,891.27	4,730.26	18.19	18.93	103.37	759.70	-998.54	1,010.69	974.68	36.01	28.068		
5,100.00	4,967.14	4,989.25	4,824.40	18.65	19.41	103.36	774.02	-1,021.63	1,030.68	993.78	36.90	27.933		
5,200.00	5,064.11	5,087.23	4,918.53	19.10	19.90	103.34	788.34	-1,044.73	1,050.67	1,012.87	37.79	27.802		
5,300.00	5,161.07	5,185.22	5,012.67	19.56	20.38	103.33	802.66	-1,067.82	1,070.65	1,031.97	38.69	27.674		
5,400.00	5,258.04	5,283.20	5,106.81	20.02	20.87	103.32	816.98	-1,090.91	1,090.64	1,051.06	39.59	27.549		
5,500.00	5,355.01	5,381.18	5,200.95	20.49	21.36	103.30	831.29	-1,114.01	1,110.63	1,070.14	40.49	27.428		
5,600.00	5,451.97	5,479.16	5,295.09	20.95	21.85	103.29	845.61	-1,137.10	1,130.62	1,089.22	41.40	27.310		
5,700.00	5,548.94	5,577.14	5,389.23	21.41	22.34	103.28	859.93	-1,160.19	1,150.61	1,108.30	42.31	27.195		
5,800.00	5,645.90	5,675.12	5,483.37	21.88	22.84	103.27	874.25	-1,183.29	1,170.60	1,127.38	43.22	27.083		
5,900.00	5,742.87	5,773.10	5,577.50	22.35	23.33	103.26	888.57	-1,206.38	1,190.59	1,146.45	44.14	26.975		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	0.40	159.92	1.11	159.93					
100.00	100.00	100.00	100.00	3.28	3.28	0.40	159.92	1.11	159.93	152.40	7.53	21.246		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	159.92	1.11	159.93	152.36	7.57	21.130		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	159.92	1.11	159.93	152.36	7.57	21.130	CC, ES	
300.00	300.00	298.38	298.38	3.34	3.34	103.32	160.17	0.79	160.28	152.63	7.65	20.947	SF	
400.00	399.93	395.09	395.03	3.40	3.41	103.50	162.14	-1.82	163.10	155.33	7.77	20.991		
500.00	499.68	491.62	491.33	3.49	3.49	103.84	166.07	-7.01	168.74	160.81	7.93	21.270		
600.00	599.13	587.86	587.07	3.60	3.60	104.30	171.93	-14.76	177.21	169.06	8.15	21.752		
700.00	698.15	683.69	682.03	3.74	3.73	104.83	179.69	-25.02	188.48	180.07	8.42	22.395		
800.00	796.63	779.00	776.00	3.93	3.89	105.39	189.30	-37.73	202.56	193.81	8.75	23.147		
900.00	894.44	873.69	868.78	4.16	4.09	105.94	200.71	-52.82	219.42	210.26	9.16	23.953		
1,000.00	991.54	967.69	960.20	4.44	4.34	106.56	213.87	-70.21	238.94	229.29	9.65	24.759		
1,100.00	1,088.51	1,061.08	1,050.29	4.76	4.62	106.79	228.72	-89.85	260.34	250.13	10.21	25.503		
1,200.00	1,185.47	1,154.84	1,139.90	5.11	4.96	106.46	245.36	-111.85	283.37	272.54	10.83	26.160		
1,300.00	1,282.44	1,252.01	1,232.49	5.48	5.35	106.02	263.13	-135.35	306.91	295.37	11.54	26.600		
1,400.00	1,379.40	1,349.17	1,325.08	5.87	5.77	105.64	280.90	-158.84	330.46	318.17	12.28	26.900		
1,500.00	1,476.37	1,446.34	1,417.67	6.27	6.21	105.31	298.67	-182.34	354.02	340.95	13.06	27.098		
1,600.00	1,573.34	1,543.51	1,510.27	6.69	6.67	105.02	316.44	-205.84	377.59	363.72	13.87	27.218		
1,700.00	1,670.30	1,640.67	1,602.86	7.11	7.15	104.77	334.21	-229.34	401.17	386.47	14.70	27.282		
1,800.00	1,767.27	1,737.84	1,695.45	7.35	7.55	104.54	351.98	-252.83	424.76	409.67	15.09	28.151		
1,900.00	1,864.23	1,835.00	1,788.04	7.42	7.75	104.34	369.75	-276.33	448.35	433.18	15.16	29.565		
2,000.00	1,961.20	1,932.17	1,880.63	7.53	7.86	104.16	387.52	-299.83	471.95	456.60	15.34	30.758		
2,100.00	2,058.17	2,029.33	1,973.23	7.66	8.00	104.00	405.29	-323.33	495.55	479.96	15.59	31.796		
2,200.00	2,155.13	2,126.50	2,065.82	7.82	8.17	103.85	423.07	-346.82	519.15	503.27	15.89	32.679		
2,300.00	2,252.10	2,223.67	2,158.41	8.01	8.38	103.71	440.84	-370.32	542.76	526.52	16.24	33.414		
2,400.00	2,349.06	2,320.83	2,251.00	8.23	8.62	103.59	458.61	-393.82	566.37	549.72	16.65	34.010		
2,500.00	2,446.03	2,418.00	2,343.59	8.47	8.89	103.47	476.38	-417.32	589.98	572.87	17.11	34.479		
2,600.00	2,543.00	2,515.16	2,436.18	8.73	9.19	103.37	494.15	-440.81	613.60	595.98	17.61	34.836		
2,700.00	2,639.96	2,612.33	2,528.78	9.01	9.51	103.27	511.92	-464.31	637.21	619.06	18.16	35.095		
2,800.00	2,736.93	2,709.49	2,621.37	9.30	9.85	103.18	529.69	-487.81	660.83	642.09	18.74	35.272		
2,900.00	2,833.89	2,806.66	2,713.96	9.62	10.21	103.09	547.46	-511.31	684.45	665.10	19.35	35.371		
3,000.00	2,930.86	2,903.83	2,806.55	9.95	10.58	103.01	565.23	-534.80	708.07	688.08	19.99	35.413		
3,100.00	3,027.82	3,000.99	2,899.14	10.29	10.98	102.94	583.00	-558.30	731.69	711.03	20.67	35.406		
3,200.00	3,124.79	3,101.84	2,991.74	10.64	11.40	102.87	600.78	-581.80	755.31	733.94	21.38	35.335		
3,300.00	3,221.76	3,204.68	3,084.33	11.01	11.84	102.80	618.55	-605.30	778.94	756.82	22.12	35.219		
3,400.00	3,318.72	3,307.51	3,176.92	11.39	12.30	102.74	636.32	-628.79	802.56	779.68	22.88	35.078		
3,500.00	3,415.69	3,389.66	3,269.51	11.77	12.67	102.69	654.09	-652.29	826.19	802.61	23.58	35.043		
3,600.00	3,512.65	3,486.82	3,362.10	12.16	13.12	102.63	671.86	-675.79	849.82	825.47	24.35	34.900		
3,700.00	3,609.62	3,583.99	3,454.70	12.56	13.58	102.58	689.63	-699.29	873.44	848.30	25.14	34.746		
3,800.00	3,706.59	3,681.15	3,547.29	12.97	14.04	102.53	707.40	-722.78	897.07	871.13	25.94	34.582		
3,900.00	3,803.55	3,778.32	3,639.88	13.38	14.51	102.48	725.17	-746.28	920.70	893.94	26.75	34.413		
4,000.00	3,900.52	3,875.48	3,732.47	13.80	14.99	102.44	742.94	-769.78	944.33	916.75	27.58	34.241		
4,100.00	3,997.48	3,972.65	3,825.06	14.22	15.47	102.40	760.71	-793.27	967.96	939.54	28.41	34.066		
4,200.00	4,094.45	4,069.82	3,917.65	14.65	15.96	102.36	778.49	-816.77	991.59	962.33	29.26	33.890		
4,300.00	4,191.42	4,166.98	4,010.25	15.08	16.45	102.32	796.26	-840.27	1,015.22	985.10	30.11	33.714		
4,400.00	4,288.38	4,264.15	4,102.84	15.52	16.94	102.28	814.03	-863.77	1,038.85	1,007.87	30.97	33.540		
4,500.00	4,385.35	4,361.31	4,195.43	15.95	17.44	102.25	831.80	-887.26	1,062.48	1,030.64	31.84	33.368		
4,600.00	4,482.31	4,458.48	4,288.02	16.40	17.95	102.22	849.57	-910.76	1,086.11	1,053.39	32.72	33.198		
4,700.00	4,579.28	4,555.64	4,380.61	16.84	18.45	102.18	867.34	-934.26	1,109.74	1,076.15	33.60	33.032		
4,800.00	4,676.25	4,652.81	4,473.21	17.29	18.96	102.15	885.11	-957.76	1,133.37	1,098.89	34.48	32.868		
4,900.00	4,773.21	4,749.98	4,565.80	17.74	19.47	102.12	902.88	-981.25	1,157.01	1,121.63	35.37	32.708		
5,000.00	4,870.18	4,847.14	4,658.39	18.19	19.99	102.10	920.65	-1,004.75	1,180.64	1,144.37	36.27	32.551		

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				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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			Minimum Separation (usft)		
0.00	0.00	3.00	-3.00	3.28	3.28	48.84	158.47	181.26	240.77						
100.00	100.00	103.00	97.00	3.28	3.28	48.84	158.47	181.26	240.77	233.24	7.53	31.985			
200.00	200.00	203.00	197.00	3.30	3.30	48.84	158.47	181.26	240.77	233.20	7.57	31.807	CC, ES		
200.43	200.43	202.57	197.43	3.30	3.30	48.84	158.47	181.26	240.77	233.20	7.57	31.807			
300.00	300.00	296.28	296.28	3.34	3.34	151.69	158.79	181.07	241.22	233.57	7.65	31.527			
400.00	399.93	394.64	394.58	3.40	3.41	151.29	161.61	179.40	244.91	237.14	7.77	31.507	SF		
500.00	499.68	492.64	492.35	3.49	3.50	150.48	167.31	176.03	252.34	244.39	7.94	31.771			
600.00	599.13	590.04	589.24	3.60	3.61	149.35	175.82	171.00	263.54	255.38	8.16	32.298			
700.00	698.15	686.61	684.92	3.74	3.74	147.96	187.05	164.36	278.56	270.14	8.43	33.051			
800.00	796.63	782.14	779.08	3.93	3.90	146.41	200.89	156.18	297.45	288.70	8.75	33.981			
900.00	894.44	877.10	872.12	4.16	4.09	144.78	217.24	146.50	320.18	311.04	9.14	35.033			
1,000.00	991.54	973.57	966.45	4.44	4.32	143.55	234.65	136.21	345.84	336.25	9.59	36.059			
1,100.00	1,088.51	1,069.94	1,060.68	4.76	4.58	142.70	252.03	125.93	372.04	361.96	10.08	36.916			
1,200.00	1,185.47	1,166.31	1,154.91	5.11	4.85	141.96	269.42	115.64	398.30	387.70	10.61	37.553			
1,300.00	1,282.44	1,262.68	1,249.14	5.48	5.14	141.31	286.81	105.36	424.62	413.45	11.17	38.014			
1,400.00	1,379.40	1,359.05	1,343.36	5.87	5.45	140.74	304.20	95.08	450.99	439.22	11.76	38.339			
1,500.00	1,476.37	1,455.42	1,437.59	6.27	5.77	140.23	321.58	84.79	477.39	465.01	12.38	38.553			
1,600.00	1,573.34	1,551.79	1,531.82	6.69	6.10	139.77	338.97	74.51	503.82	490.80	13.02	38.688			
1,700.00	1,670.30	1,648.16	1,626.05	7.11	6.43	139.36	356.36	64.23	530.28	516.60	13.68	38.759			
1,800.00	1,767.27	1,744.53	1,720.28	7.35	6.71	138.99	373.75	53.95	556.77	542.83	13.94	39.949			
1,900.00	1,864.23	1,840.90	1,814.51	7.42	6.84	138.65	391.14	43.66	583.27	569.33	13.94	41.837			
2,000.00	1,961.20	1,937.27	1,908.74	7.53	6.90	138.35	408.52	33.38	609.79	595.72	14.07	43.333			
2,100.00	2,058.17	2,033.64	2,002.96	7.66	6.99	138.06	425.91	23.10	636.32	622.07	14.25	44.660			
2,200.00	2,155.13	2,130.01	2,097.19	7.82	7.10	137.80	443.30	12.81	662.87	648.40	14.47	45.818			
2,300.00	2,252.10	2,226.38	2,191.42	8.01	7.22	137.56	460.69	2.53	689.43	674.70	14.73	46.809			
2,400.00	2,349.06	2,322.75	2,285.65	8.23	7.37	137.34	478.07	-7.75	716.00	700.97	15.03	47.641			
2,500.00	2,446.03	2,419.12	2,379.88	8.47	7.54	137.13	495.46	-18.04	742.58	727.21	15.37	48.324			
2,600.00	2,543.00	2,515.49	2,474.11	8.73	7.73	136.94	512.85	-28.32	769.17	753.43	15.74	48.870			
2,700.00	2,639.96	2,611.85	2,568.34	9.01	7.93	136.76	530.24	-38.60	795.76	779.62	16.14	49.293			
2,800.00	2,736.93	2,708.22	2,662.56	9.30	8.14	136.60	547.62	-48.89	822.37	805.79	16.58	49.605			
2,900.00	2,833.89	2,804.59	2,756.79	9.62	8.37	136.44	565.01	-59.17	848.97	831.93	17.04	49.821			
3,000.00	2,930.86	2,900.96	2,851.02	9.95	8.62	136.29	582.40	-69.45	875.59	858.06	17.53	49.954			
3,100.00	3,027.82	3,002.67	2,945.25	10.29	8.89	136.15	599.79	-79.74	902.21	884.15	18.05	49.976			
3,200.00	3,124.79	3,106.30	3,039.48	10.64	9.17	136.02	617.18	-90.02	928.83	910.23	18.61	49.922			
3,300.00	3,221.76	3,209.93	3,133.71	11.01	9.47	135.90	634.56	-100.30	955.46	936.28	19.18	49.818			
3,400.00	3,318.72	3,286.44	3,227.94	11.39	9.70	135.78	651.95	-110.59	982.09	962.40	19.69	49.870			
3,500.00	3,415.69	3,382.81	3,322.17	11.77	9.99	135.67	669.34	-120.87	1,008.73	988.45	20.28	49.742			
3,600.00	3,512.65	3,479.18	3,416.39	12.16	10.29	135.56	686.73	-131.15	1,035.36	1,014.48	20.88	49.586			
3,700.00	3,609.62	3,575.55	3,510.62	12.56	10.60	135.46	704.11	-141.44	1,062.01	1,040.51	21.49	49.408			
3,800.00	3,706.59	3,671.92	3,604.85	12.97	10.91	135.37	721.50	-151.72	1,088.65	1,066.53	22.12	49.212			
3,900.00	3,803.55	3,768.29	3,699.08	13.38	11.23	135.28	738.89	-162.00	1,115.30	1,092.54	22.76	49.002			
4,000.00	3,900.52	3,864.66	3,793.31	13.80	11.55	135.19	756.28	-172.29	1,141.95	1,118.54	23.41	48.782			
4,100.00	3,997.48	3,961.03	3,887.54	14.22	11.88	135.11	773.66	-182.57	1,168.60	1,144.53	24.07	48.555			
4,200.00	4,094.45	4,057.40	3,981.77	14.65	12.22	135.03	791.05	-192.85	1,195.25	1,170.52	24.74	48.322			

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)	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	52.59	138.43	180.98	227.86					
100.00	100.00	103.00	97.00	3.28	3.28	52.59	138.43	180.98	227.86	220.33	7.53	30.270		
200.00	200.00	203.00	197.00	3.30	3.30	52.59	138.43	180.98	227.86	220.29	7.57	30.101		
200.00	200.00	203.00	197.00	3.30	3.30	52.59	138.43	180.98	227.86	220.29	7.57	30.101	CC, ES	
300.00	300.00	296.86	296.85	3.34	3.34	155.43	138.74	180.76	228.27	220.62	7.65	29.833		
400.00	399.93	396.44	396.38	3.40	3.41	154.93	141.49	178.82	231.58	223.80	7.77	29.789	SF	
500.00	499.68	495.70	495.40	3.49	3.50	153.95	147.03	174.91	238.25	230.31	7.94	29.992		
600.00	599.13	594.40	593.58	3.60	3.61	152.56	155.32	169.05	248.36	240.20	8.16	30.426		
700.00	698.15	692.35	690.60	3.74	3.75	150.86	166.26	161.31	261.99	253.56	8.43	31.062		
800.00	796.63	789.54	786.36	3.93	3.91	148.96	179.77	151.77	279.23	270.47	8.76	31.860		
900.00	894.44	887.15	882.34	4.16	4.11	147.34	194.30	141.50	299.79	290.63	9.15	32.749		
1,000.00	991.54	984.28	977.85	4.44	4.33	146.29	208.75	131.29	323.07	313.47	9.60	33.662		
1,100.00	1,088.51	1,081.32	1,073.26	4.76	4.57	145.56	223.19	121.08	346.88	336.80	10.07	34.437		
1,200.00	1,185.47	1,178.36	1,168.67	5.11	4.83	144.92	237.63	110.87	370.73	360.15	10.59	35.020		
1,300.00	1,282.44	1,275.39	1,264.08	5.48	5.11	144.37	252.07	100.67	394.62	383.49	11.13	35.448		
1,400.00	1,379.40	1,372.43	1,359.49	5.87	5.39	143.87	266.51	90.46	418.55	406.84	11.71	35.753		
1,500.00	1,476.37	1,469.47	1,454.90	6.27	5.69	143.43	280.96	80.26	442.50	430.19	12.31	35.961		
1,600.00	1,573.34	1,566.50	1,550.32	6.69	6.00	143.04	295.40	70.05	466.47	453.55	12.92	36.095		
1,700.00	1,670.30	1,663.54	1,645.73	7.11	6.31	142.68	309.84	59.84	490.46	476.90	13.56	36.171		
1,800.00	1,767.27	1,760.58	1,741.14	7.35	6.54	142.36	324.28	49.64	514.47	500.70	13.77	37.356		
1,900.00	1,864.23	1,857.61	1,836.55	7.42	6.64	142.06	338.72	39.43	538.49	524.75	13.74	39.181		
2,000.00	1,961.20	1,954.65	1,931.96	7.53	6.69	141.79	353.16	29.22	562.53	548.66	13.87	40.559		
2,100.00	2,058.17	2,051.68	2,027.37	7.66	6.77	141.55	367.60	19.02	586.57	572.53	14.04	41.785		
2,200.00	2,155.13	2,148.72	2,122.78	7.82	6.87	141.32	382.04	8.81	610.63	596.38	14.25	42.858		
2,300.00	2,252.10	2,245.76	2,218.20	8.01	6.99	141.11	396.48	-1.39	634.69	620.19	14.50	43.780		
2,400.00	2,349.06	2,342.79	2,313.61	8.23	7.12	140.91	410.92	-11.60	658.76	643.98	14.78	44.558		
2,500.00	2,446.03	2,439.83	2,409.02	8.47	7.27	140.73	425.37	-21.81	682.84	667.73	15.11	45.201		
2,600.00	2,543.00	2,536.87	2,504.43	8.73	7.44	140.56	439.81	-32.01	706.92	691.46	15.46	45.718		
2,700.00	2,639.96	2,633.90	2,599.84	9.01	7.62	140.40	454.25	-42.22	731.01	715.16	15.85	46.122		
2,800.00	2,736.93	2,730.94	2,695.25	9.30	7.82	140.26	468.69	-52.42	755.10	738.84	16.27	46.424		
2,900.00	2,833.89	2,827.97	2,790.66	9.62	8.03	140.12	483.13	-62.63	779.20	762.49	16.71	46.638		
3,000.00	2,930.86	2,925.01	2,886.07	9.95	8.25	139.99	497.57	-72.84	803.30	786.13	17.17	46.774		
3,100.00	3,027.82	3,022.05	2,981.49	10.29	8.48	139.86	512.01	-83.04	827.41	809.74	17.66	46.843		
3,200.00	3,124.79	3,119.08	3,076.90	10.64	8.72	139.75	526.45	-93.25	851.52	833.34	18.17	46.855		
3,300.00	3,221.76	3,216.12	3,172.31	11.01	8.98	139.64	540.89	-103.45	875.63	856.93	18.70	46.819		
3,400.00	3,318.72	3,313.16	3,267.72	11.39	9.24	139.53	555.33	-113.66	899.74	880.50	19.25	46.743		
3,500.00	3,415.69	3,410.19	3,363.13	11.77	9.50	139.44	569.78	-123.87	923.86	904.05	19.81	46.634		
3,600.00	3,512.65	3,507.23	3,458.54	12.16	9.78	139.34	584.22	-134.07	947.98	927.59	20.39	46.498		
3,700.00	3,609.62	3,604.26	3,553.95	12.56	10.06	139.25	598.66	-144.28	972.10	951.13	20.98	46.339		
3,800.00	3,706.59	3,701.30	3,649.37	12.97	10.35	139.17	613.10	-154.48	996.23	974.65	21.58	46.163		
3,900.00	3,803.55	3,801.66	3,744.78	13.38	10.65	139.09	627.54	-164.69	1,020.35	998.15	22.20	45.953		
4,000.00	3,900.52	3,904.63	3,840.19	13.80	10.97	139.01	641.98	-174.90	1,044.48	1,021.64	22.85	45.716		
4,100.00	3,997.48	4,007.59	3,935.60	14.22	11.29	138.94	656.42	-185.10	1,068.61	1,045.11	23.50	45.474		
4,200.00	4,094.45	4,089.45	4,031.01	14.65	11.55	138.87	670.86	-195.31	1,092.74	1,068.65	24.09	45.352		
4,300.00	4,191.42	4,186.48	4,126.42	15.08	11.86	138.80	685.30	-205.51	1,116.88	1,092.13	24.75	45.134		
4,400.00	4,288.38	4,283.52	4,221.83	15.52	12.18	138.74	699.74	-215.72	1,141.01	1,115.61	25.40	44.915		
4,500.00	4,385.35	4,380.56	4,317.25	15.95	12.49	138.68	714.18	-225.93	1,165.15	1,139.08	26.07	44.696		
4,600.00	4,482.31	4,477.59	4,412.66	16.40	12.81	138.62	728.63	-236.13	1,189.28	1,162.54	26.74	44.476		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
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		
300.00	300.00	300.10	300.09	3.34	3.34	-172.98	18.44	179.73	181.14	173.49	7.65	23.676		
400.00	399.93	406.68	406.60	3.40	3.41	-172.86	17.24	176.08	181.07	173.31	7.76	23.324		
500.00	499.68	513.25	512.88	3.49	3.50	-172.63	14.82	168.66	180.84	172.93	7.91	22.850		
550.11	549.57	566.65	566.01	3.54	3.56	-172.46	13.14	163.53	180.66	172.66	8.01	22.566		
600.00	599.13	616.03	615.10	3.60	3.61	-172.33	11.50	158.50	181.05	172.93	8.12	22.308		
700.00	698.15	715.97	714.46	3.74	3.75	-172.15	8.16	148.29	184.39	176.02	8.37	22.036		
800.00	796.63	815.73	813.65	3.93	3.92	-172.12	4.83	138.10	191.18	182.52	8.66	22.070		
900.00	894.44	915.20	912.54	4.16	4.10	-172.21	1.51	127.94	201.42	192.42	9.00	22.383		
1,000.00	991.54	1,014.30	1,011.06	4.44	4.29	-172.42	-1.80	117.81	214.78	205.41	9.37	22.913		
1,100.00	1,088.51	1,113.32	1,109.51	4.76	4.50	-172.64	-5.11	107.70	228.72	218.94	9.77	23.407		
1,200.00	1,185.47	1,212.34	1,207.96	5.11	4.73	-172.83	-8.41	97.58	242.65	232.46	10.20	23.799		
1,300.00	1,282.44	1,311.36	1,306.40	5.48	4.96	-173.00	-11.72	87.46	256.59	245.95	10.64	24.105		
1,400.00	1,379.40	1,410.38	1,404.85	5.87	5.21	-173.16	-15.03	77.35	270.54	259.42	11.11	24.344		
1,500.00	1,476.37	1,509.40	1,503.30	6.27	5.46	-173.30	-18.33	67.23	284.48	272.88	11.60	24.524		
1,600.00	1,573.34	1,608.42	1,601.75	6.69	5.72	-173.42	-21.64	57.12	298.42	286.32	12.10	24.660		
1,700.00	1,670.30	1,707.44	1,700.19	7.11	5.97	-173.54	-24.95	47.00	312.37	299.76	12.61	24.775		
1,800.00	1,767.27	1,806.47	1,798.64	7.55	6.11	-173.64	-28.25	36.88	326.32	313.81	12.51	26.093		
1,900.00	1,864.23	1,905.49	1,897.09	7.42	6.13	-173.74	-31.56	26.77	340.27	327.73	12.53	27.146		
2,000.00	1,961.20	2,004.51	1,995.53	7.53	6.18	-173.83	-34.86	16.65	354.22	341.61	12.61	28.099		
2,100.00	2,058.17	2,103.53	2,093.98	7.66	6.24	-173.91	-38.17	6.54	368.17	355.46	12.71	28.967		
2,200.00	2,155.13	2,202.55	2,192.43	7.82	6.32	-173.99	-41.48	-3.58	382.12	369.27	12.85	29.745		
2,300.00	2,252.10	2,301.57	2,290.88	8.01	6.41	-174.06	-44.78	-13.70	396.07	383.05	13.01	30.433		
2,400.00	2,349.06	2,400.59	2,389.32	8.23	6.52	-174.12	-48.09	-23.81	410.02	396.81	13.21	31.032		
2,500.00	2,446.03	2,499.61	2,487.77	8.47	6.64	-174.19	-51.40	-33.93	423.97	410.53	13.44	31.546		
2,600.00	2,543.00	2,601.37	2,586.22	8.73	6.78	-174.24	-54.70	-44.04	437.93	424.23	13.70	31.972		
2,700.00	2,639.96	2,702.35	2,684.67	9.01	6.93	-174.30	-58.01	-54.16	451.88	437.90	13.98	32.323		
2,800.00	2,736.93	2,803.33	2,783.11	9.30	7.09	-174.35	-61.32	-64.28	465.83	451.55	14.29	32.604		
2,900.00	2,833.89	2,904.31	2,881.56	9.62	7.26	-174.40	-64.62	-74.39	479.79	465.17	14.62	32.822		
3,000.00	2,930.86	3,005.28	2,980.01	9.95	7.45	-174.44	-67.93	-84.51	493.74	478.77	14.97	32.984		
3,100.00	3,027.82	3,106.26	3,078.45	10.29	7.64	-174.49	-71.24	-94.62	507.70	492.36	15.34	33.096		
3,200.00	3,124.79	3,207.24	3,176.90	10.64	7.84	-174.53	-74.54	-104.74	521.65	505.92	15.73	33.163		
3,300.00	3,221.76	3,308.22	3,275.35	11.01	8.05	-174.56	-77.85	-114.86	535.61	519.47	16.14	33.193		
3,400.00	3,318.72	3,409.20	3,373.80	11.39	8.27	-174.60	-81.16	-124.97	549.56	533.00	16.56	33.190		
3,500.00	3,415.69	3,489.82	3,472.24	11.77	8.45	-174.64	-84.46	-135.09	563.52	546.56	16.95	33.237		
3,600.00	3,512.65	3,588.84	3,570.69	12.16	8.68	-174.67	-87.77	-145.20	577.47	560.08	17.40	33.190		
3,700.00	3,609.62	3,687.86	3,669.14	12.56	8.91	-174.70	-91.08	-155.32	591.43	573.57	17.86	33.122		
3,800.00	3,706.59	3,786.88	3,767.59	12.97	9.15	-174.73	-94.38	-165.44	605.39	587.06	18.32	33.039		
3,900.00	3,803.55	3,885.90	3,866.03	13.38	9.39	-174.76	-97.69	-175.55	619.34	600.54	18.80	32.941		
4,000.00	3,900.52	3,984.92	3,964.48	13.80	9.64	-174.79	-100.99	-185.67	633.30	614.01	19.29	32.831		
4,100.00	3,997.48	4,083.94	4,062.93	14.22	9.89	-174.81	-104.30	-195.78	647.26	627.47	19.79	32.713		
4,200.00	4,094.45	4,182.97	4,161.37	14.65	10.15	-174.84	-107.61	-205.90	661.21	640.92	20.29	32.587		
4,300.00	4,191.42	4,281.99	4,259.82	15.08	10.40	-174.86	-110.91	-216.02	675.17	654.37	20.80	32.456		
4,400.00	4,288.38	4,381.01	4,358.27	15.52	10.67	-174.88	-114.22	-226.13	689.13	667.81	21.32	32.320		
4,500.00	4,385.35	4,480.03	4,456.72	15.95	10.93	-174.91	-117.53	-236.25	703.08	681.24	21.85	32.181		
4,600.00	4,482.31	4,579.05	4,555.16	16.40	11.20	-174.93	-120.83	-246.36	717.04	694.66	22.38	32.040		
4,700.00	4,579.28	4,678.07	4,653.61	16.84	11.47	-174.95	-124.14	-256.48	731.00	708.08	22.92	31.898		
4,800.00	4,676.25	4,777.09	4,752.06	17.29	11.75	-174.97	-127.45	-266.60	744.96	721.50	23.46	31.756		
4,900.00	4,773.21	4,876.11	4,850.51	17.74	12.03	-174.99	-130.75	-276.71	758.91	734.91	24.01	31.613		
5,000.00	4,870.18	4,975.13	4,948.95	18.19	12.30	-175.00	-134.06	-286.83	772.87	748.31	24.56	31.471		
5,100.00	4,967.14	5,074.15	5,047.40	18.65	12.59	-175.02	-137.37	-296.94	786.83	761.72	25.11	31.330		
5,200.00	5,064.11	5,173.17	5,145.85	19.10	12.87	-175.04	-140.67	-307.06	800.79	775.11	25.67	31.191		
5,300.00	5,161.07	5,272.19	5,244.29	19.56	13.15	-175.06	-143.98	-317.18	814.74	788.51	26.24	31.053		
5,400.00	5,258.04	5,371.22	5,342.74	20.02	13.44	-175.07	-147.29	-327.29	828.70	801.90	26.80	30.917		
5,500.00	5,355.01	5,470.24	5,441.19	20.49	13.73	-175.09	-150.59	-337.41	842.66	815.29	27.37	30.783		
5,600.00	5,451.97	5,569.26	5,539.64	20.95	14.02	-175.10	-153.90	-347.52	856.62	828.67	27.95	30.651		
5,700.00	5,548.94	5,668.28	5,638.08	21.41	14.31	-175.12	-157.20	-357.64	870.58	842.05	28.52	30.521		
5,800.00	5,645.90	5,767.30	5,736.53	21.88	14.60	-175.13	-160.51	-367.76	884.53	855.43	29.10	30.393		
5,900.00	5,742.87	5,866.32	5,834.98	22.35	14.89	-175.14	-163.82	-377.87	898.49	868.81	29.68	30.268		
6,000.00	5,839.84	5,965.34	5,933.43	22.82	15.19	-175.16	-167.12	-387.99	912.45	882.18	30.27	30.146		
6,100.00	5,936.80	6,064.36	6,031.87	23.29	15.49	-175.17	-170.43	-398.10	926.41	895.56	30.85	30.026		
6,200.00	6,033.77	6,163.38	6,130.32	23.76	15.78	-175.18	-173.74	-408.22	940.37	908.93	31.44	29.908		
6,300.00	6,130.73	6,262.40	6,228.77	24.23	16.08	-175.19	-177.04	-418.34	954.33	922.29	32.03	29.793		
6,400.00	6,227.70	6,361.42	6,329.72	24.70	16.38	-175.20	-180.35	-428.45	968.29	935.66	32.62	29.678		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
6,500.00	6,325.19	7,871.94	7,155.52	25.04	34.98	148.81	-212.30	-1,404.75	840.51	810.69	29.82	28.189		
6,600.00	6,424.66	7,879.09	7,155.51	25.19	35.16	-176.59	-212.33	-1,411.90	742.87	712.41	30.46	24.389		
6,700.00	6,524.02	7,870.56	7,155.52	25.27	34.95	-143.40	-212.29	-1,403.37	646.01	614.84	31.18	20.721		
6,800.00	6,620.84	7,846.57	7,155.56	25.32	34.36	-147.45	-212.18	-1,379.38	552.63	520.58	32.06	17.240		
6,900.00	6,712.73	7,807.70	7,155.62	25.41	33.42	-149.21	-212.01	-1,340.51	465.47	432.25	33.22	14.014		
7,000.00	6,797.42	7,754.92	7,155.70	25.56	32.17	-148.47	-211.76	-1,287.73	387.24	352.41	34.83	11.117		
7,100.00	6,872.84	7,689.53	7,155.80	25.86	30.65	-145.68	-211.46	-1,222.34	320.58	283.54	37.04	8.656		
7,200.00	6,937.12	7,613.12	7,155.91	26.34	28.95	-141.13	-211.11	-1,145.94	267.72	227.88	39.84	6.720		
7,300.00	6,988.68	7,517.60	7,154.89	27.07	26.94	-134.15	-210.64	-1,050.44	229.25	186.50	42.76	5.362		
7,400.00	7,026.26	7,407.43	7,138.92	28.05	24.77	-123.12	-209.60	-941.58	198.03	152.02	46.01	4.304		
7,500.00	7,048.92	7,308.00	7,108.60	29.28	23.02	-109.91	-208.16	-847.00	175.74	126.12	49.63	3.541		
7,600.00	7,056.33	7,216.78	7,068.15	30.70	21.66	-95.09	-206.44	-765.34	166.63	114.32	52.30	3.186		
7,610.75	7,056.54	7,207.55	7,063.42	30.87	21.53	-93.40	-206.25	-757.42	166.53	114.04	52.49	3.173	CC, ES, SF	
7,700.00	7,058.28	7,137.27	7,023.69	32.32	20.64	-79.59	-204.67	-699.51	174.36	121.53	52.83	3.301		
7,800.00	7,060.24	7,071.01	6,980.61	34.12	19.92	-66.29	-203.01	-649.23	204.11	153.29	50.82	4.016		
7,900.00	7,062.19	7,016.04	6,941.07	36.08	19.40	-56.29	-201.52	-611.11	253.58	205.54	48.05	5.278		
8,000.00	7,064.15	6,970.36	6,905.80	38.17	19.02	-49.10	-200.22	-582.11	316.91	271.14	45.77	6.923		
8,100.00	7,066.11	6,932.15	6,874.77	40.38	18.72	-43.93	-199.09	-559.86	389.37	345.20	44.16	8.817		
8,200.00	7,068.06	6,900.00	6,847.66	42.68	18.50	-40.13	-198.11	-542.61	467.94	424.90	43.04	10.872		
8,300.00	7,070.02	6,872.57	6,823.87	45.06	18.32	-37.26	-197.26	-528.98	550.78	508.54	42.24	13.038		
8,400.00	7,071.97	6,850.00	6,803.87	47.50	18.18	-35.13	-196.55	-518.55	636.72	595.07	41.66	15.286		
8,500.00	7,073.93	6,828.76	6,784.72	50.01	18.06	-33.30	-195.87	-509.39	724.98	683.77	41.21	17.592		
8,600.00	7,075.89	6,800.00	6,758.33	52.56	17.90	-31.06	-194.95	-498.01	815.19	774.31	40.88	19.939		
8,700.00	7,077.84	6,800.00	6,758.33	55.16	17.90	-31.06	-194.95	-498.01	906.50	865.94	40.57	22.347		
8,800.00	7,079.80	6,781.74	6,741.31	57.79	17.81	-29.76	-194.35	-491.41	999.05	958.70	40.35	24.759		
8,900.00	7,081.76	6,769.50	6,729.81	60.45	17.75	-28.94	-193.95	-487.26	1,092.54	1,052.38	40.16	27.204		
9,000.00	7,083.71	6,750.00	6,711.31	63.14	17.66	-27.72	-193.31	-481.11	1,186.88	1,146.85	40.03	29.646		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	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		
300.00	300.00	300.18	300.17	3.34	3.34	-179.22	38.60	179.71	184.27	176.62	7.65	24.085		
400.00	399.93	406.93	406.85	3.40	3.41	-179.45	38.46	175.85	184.21	176.44	7.77	23.722		
500.00	499.68	513.67	513.29	3.49	3.50	-179.91	38.19	168.03	183.97	176.05	7.92	23.235		
543.26	542.75	559.83	559.23	3.53	3.56	-179.82	38.03	163.42	183.82	175.82	8.00	22.987	CC, ES	
600.00	599.13	616.09	615.18	3.60	3.62	179.47	37.82	157.50	184.32	176.20	8.12	22.700		
700.00	698.15	716.00	714.53	3.74	3.76	178.87	37.45	146.98	187.94	179.57	8.37	22.453		
800.00	796.63	815.73	813.70	3.93	3.92	178.32	37.09	136.48	195.06	186.40	8.66	22.517		
900.00	894.44	915.14	912.56	4.16	4.10	177.85	36.72	126.01	205.68	196.68	9.00	22.864		
1,000.00	991.54	1,014.18	1,011.04	4.44	4.29	177.46	36.36	115.57	219.45	210.09	9.37	23.431		
1,100.00	1,088.51	1,113.13	1,109.45	4.76	4.50	177.12	35.99	105.15	233.81	224.05	9.76	23.961		
1,200.00	1,185.47	1,212.09	1,207.85	5.11	4.72	176.83	35.63	94.73	248.17	237.99	10.18	24.386		
1,300.00	1,282.44	1,311.05	1,306.26	5.48	4.95	176.57	35.26	84.30	262.53	251.92	10.62	24.723		
1,400.00	1,379.40	1,410.00	1,404.66	5.87	5.19	176.33	34.90	73.88	276.91	265.82	11.08	24.989		
1,500.00	1,476.37	1,508.96	1,503.07	6.27	5.44	176.12	34.54	63.46	291.28	279.72	11.56	25.195		
1,600.00	1,573.34	1,607.91	1,601.47	6.69	5.70	175.93	34.17	53.03	305.66	293.60	12.06	25.352		
1,700.00	1,670.30	1,706.87	1,699.88	7.11	5.95	175.76	33.81	42.61	320.04	307.48	12.56	25.486		
1,800.00	1,767.27	1,805.82	1,798.28	7.55	6.08	175.60	33.44	32.19	334.43	321.98	12.45	26.868		
1,900.00	1,864.23	1,904.78	1,896.69	7.42	6.11	175.45	33.08	21.76	348.81	336.33	12.48	27.940		
2,000.00	1,961.20	2,003.74	1,995.09	7.53	6.15	175.31	32.72	11.34	363.20	350.65	12.55	28.930		
2,100.00	2,058.17	2,102.69	2,093.50	7.66	6.21	175.19	32.35	0.92	377.59	364.94	12.66	29.829		
2,200.00	2,155.13	2,201.65	2,191.90	7.82	6.29	175.07	31.99	-9.51	391.99	379.19	12.79	30.638		
2,300.00	2,252.10	2,300.60	2,290.31	8.01	6.38	174.97	31.62	-19.93	406.38	393.42	12.96	31.355		
2,400.00	2,349.06	2,400.44	2,388.71	8.23	6.48	174.87	31.26	-30.35	420.78	407.62	13.16	31.979		
2,500.00	2,446.03	2,501.48	2,487.12	8.47	6.60	174.77	30.90	-40.77	435.17	421.79	13.38	32.513		
2,600.00	2,543.00	2,597.47	2,585.52	8.73	6.73	174.69	30.53	-51.20	449.57	435.94	13.63	32.976		
2,700.00	2,639.96	2,703.57	2,683.92	9.01	6.89	174.61	30.17	-61.62	463.97	450.05	13.92	33.333		
2,800.00	2,736.93	2,795.38	2,782.33	9.30	7.03	174.53	29.80	-72.04	478.37	464.16	14.21	33.661		
2,900.00	2,833.89	2,905.66	2,880.73	9.62	7.21	174.46	29.44	-82.47	492.77	478.22	14.55	33.865		
3,000.00	2,930.86	3,006.70	2,979.14	9.95	7.39	174.39	29.08	-92.89	507.17	492.27	14.90	34.041		
3,100.00	3,027.82	3,107.75	3,077.54	10.29	7.58	174.32	28.71	-103.31	521.57	506.30	15.27	34.164		
3,200.00	3,124.79	3,208.79	3,175.95	10.64	7.78	174.26	28.35	-113.74	535.97	520.32	15.65	34.242		
3,300.00	3,221.76	3,309.84	3,274.35	11.01	7.99	174.20	27.98	-124.16	550.38	534.32	16.06	34.280		
3,400.00	3,318.72	3,389.12	3,372.76	11.39	8.16	174.15	27.62	-134.58	564.78	548.35	16.43	34.369		
3,500.00	3,415.69	3,488.07	3,471.16	11.77	8.37	174.10	27.26	-145.01	579.18	562.32	16.86	34.352		
3,600.00	3,512.65	3,587.03	3,569.57	12.16	8.60	174.05	26.89	-155.43	593.59	576.29	17.30	34.311		
3,700.00	3,609.62	3,685.99	3,667.97	12.56	8.82	174.00	26.53	-165.85	607.99	590.24	17.75	34.248		
3,800.00	3,706.59	3,784.94	3,766.38	12.97	9.06	173.96	26.16	-176.28	622.40	604.18	18.22	34.167		
3,900.00	3,803.55	3,883.90	3,864.78	13.38	9.30	173.91	25.80	-186.70	636.80	618.11	18.69	34.072		
4,000.00	3,900.52	3,982.85	3,963.19	13.80	9.54	173.87	25.43	-197.12	651.21	632.03	19.17	33.964		
4,100.00	3,997.48	4,081.81	4,061.59	14.22	9.79	173.83	25.07	-207.55	665.61	645.95	19.67	33.847		
4,200.00	4,094.45	4,180.77	4,160.00	14.65	10.04	173.79	24.71	-217.97	680.02	659.85	20.17	33.721		
4,300.00	4,191.42	4,279.72	4,258.40	15.08	10.29	173.76	24.34	-228.39	694.43	673.75	20.67	33.590		
4,400.00	4,288.38	4,378.68	4,356.81	15.52	10.55	173.72	23.98	-238.82	708.83	687.64	21.19	33.454		
4,500.00	4,385.35	4,477.63	4,455.21	15.95	10.81	173.69	23.61	-249.24	723.24	701.53	21.71	33.314		
4,600.00	4,482.31	4,576.59	4,553.61	16.40	11.08	173.66	23.25	-259.66	737.65	715.41	22.24	33.172		
4,700.00	4,579.28	4,675.55	4,652.02	16.84	11.34	173.63	22.89	-270.09	752.05	729.28	22.77	33.028		
4,800.00	4,676.25	4,774.50	4,750.42	17.29	11.61	173.60	22.52	-280.51	766.46	743.15	23.31	32.884		
4,900.00	4,773.21	4,873.46	4,848.83	17.74	11.89	173.57	22.16	-290.93	780.87	757.02	23.85	32.739		
5,000.00	4,870.18	4,972.41	4,947.23	18.19	12.16	173.54	21.79	-301.36	795.28	770.88	24.40	32.595		
5,100.00	4,967.14	5,071.37	5,045.64	18.65	12.44	173.52	21.43	-311.78	809.69	784.74	24.95	32.452		
5,200.00	5,064.11	5,170.32	5,144.04	19.10	12.72	173.49	21.07	-322.20	824.09	798.59	25.51	32.309		
5,300.00	5,161.07	5,269.28	5,242.45	19.56	13.00	173.46	20.70	-332.63	838.50	812.44	26.07	32.160		
5,400.00	5,258.04	5,368.24	5,340.85	20.02	13.28	173.44	20.34	-343.05	852.91	826.28	26.63	32.030		
5,500.00	5,355.01	5,467.19	5,439.26	20.49	13.56	173.42	19.97	-353.47	867.32	840.13	27.19	31.893		
5,600.00	5,451.97	5,566.15	5,537.66	20.95	13.85	173.40	19.61	-363.89	881.73	853.97	27.76	31.758		
5,700.00	5,548.94	5,665.10	5,636.07	21.41	14.13	173.37	19.25	-374.32	896.14	867.80	28.34	31.626		
5,800.00	5,645.90	5,764.06	5,734.47	21.88	14.42	173.35	18.88	-384.74	910.55	881.64	28.91	31.495		
5,900.00	5,742.87	5,863.02	5,832.88	22.35	14.71	173.33	18.52	-395.16	924.96	895.47	29.49	31.368		
6,000.00	5,839.84	5,961.97	5,931.28	22.82	15.00	173.31	18.15	-405.59	939.37	909.30	30.07	31.242		
6,100.00	5,936.80	6,060.93	6,029.69	23.29	15.29	173.29	17.79	-416.01	953.78	923.13	30.65	31.119		
6,200.00	6,033.77	6,159.88	6,128.09	23.76	15.58	173.28	17.43	-426.43	968.19	936.95	31.23	30.999		
6,300.00	6,130.73	6,258.84	6,225.64	24.23	15.87	173.26	17.07	-436.85	982.60	950.77	31.81	30.880		
6,400.00	6,227.70	6,357.81	6,324.61	24.70	16.17	173.25	16.71	-447.27	997.01	964.58	32.39	30.762		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
6,500.00	6,325.19	7,677.69	6,962.58	25.04	34.69	124.71	9.18	-1,405.74	720.94	683.51	37.43	19.262		
6,600.00	6,424.66	7,684.86	6,962.57	25.19	34.87	-175.38	9.14	-1,412.91	637.25	597.05	40.19	15.854		
6,700.00	6,524.02	7,676.36	6,962.58	25.27	34.66	-121.44	9.19	-1,404.41	559.07	515.61	43.46	12.864		
6,800.00	6,620.84	7,652.39	6,962.61	25.32	34.07	-116.96	9.32	-1,380.45	490.61	443.48	47.12	10.411		
6,900.00	6,712.73	7,613.55	6,962.66	25.41	33.11	-114.21	9.55	-1,341.61	436.00	385.23	50.77	8.588		
7,000.00	6,797.42	7,560.80	6,962.73	25.56	31.85	-109.67	9.85	-1,288.86	398.34	344.66	53.68	7.421		
7,100.00	6,872.84	7,504.58	6,962.82	25.86	30.51	-103.20	10.23	-1,223.48	378.22	322.89	55.33	6.836		
7,196.55	6,935.11	7,421.84	6,962.92	26.33	28.63	-95.85	10.66	-1,149.90	372.83	317.77	55.06	6.771 SF		
7,200.00	6,937.12	7,419.04	6,962.92	26.34	28.57	-95.59	10.68	-1,147.10	372.83	317.80	55.03	6.775		
7,300.00	6,988.68	7,334.51	6,962.51	27.07	26.73	-88.11	11.17	-1,062.58	376.95	322.95	54.00	6.981		
7,400.00	7,026.26	7,252.52	6,954.03	28.05	25.04	-81.27	11.66	-981.09	386.51	333.63	52.87	7.310		
7,500.00	7,048.92	7,174.41	6,936.27	29.28	23.54	-75.06	12.16	-905.07	399.89	347.95	51.94	7.699		
7,600.00	7,056.33	7,100.00	6,910.82	30.70	22.23	-69.83	12.64	-835.20	415.65	364.37	51.28	8.106		
7,700.00	7,058.28	7,030.30	6,879.75	32.32	21.15	-65.78	13.10	-772.85	436.93	386.19	50.74	8.612		
7,800.00	7,060.24	6,969.10	6,846.98	34.12	20.30	-61.80	13.50	-721.19	466.74	416.54	50.20	9.297		
7,900.00	7,062.19	6,915.45	6,814.29	36.08	19.64	-58.14	13.85	-678.67	505.49	455.85	49.64	10.183		
8,000.00	7,064.15	6,868.67	6,782.95	38.17	19.13	-54.90	14.14	-643.95	552.84	503.79	49.05	11.271		
8,100.00	7,066.11	6,827.92	6,753.64	40.38	18.73	-52.10	14.40	-615.66	607.93	559.46	48.46	12.544		
8,200.00	7,068.06	6,800.00	6,732.53	42.68	18.47	-50.21	14.57	-597.38	669.79	621.83	47.96	13.966		
8,300.00	7,070.02	6,761.33	6,702.03	45.06	18.15	-47.66	14.80	-573.63	737.13	689.77	47.37	15.562		
8,400.00	7,071.97	6,734.06	6,679.67	47.50	17.94	-45.92	14.96	-558.02	809.24	762.36	46.88	17.261		
8,500.00	7,073.93	6,700.00	6,650.85	50.01	17.69	-43.82	15.16	-539.88	885.34	838.94	46.41	19.079		
8,600.00	7,075.89	6,700.00	6,650.85	52.56	17.69	-43.82	15.16	-539.88	964.55	918.48	46.07	20.936		
8,700.00	7,077.84	6,669.73	6,624.45	55.16	17.49	-42.03	15.32	-525.08	1,046.22	1,000.52	45.70	22.895		
8,800.00	7,079.80	6,650.00	6,606.87	57.79	17.37	-40.90	15.43	-516.12	1,130.26	1,084.89	45.37	24.910		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			Minimum Separation (usft)	
0.00	0.00	3.00	-3.00	3.28	3.28	71.99	58.64	180.43	189.72					
100.00	100.00	103.00	97.00	3.28	3.28	71.99	58.64	180.43	189.72	182.19	7.53	25.203		
200.00	200.00	203.00	197.00	3.30	3.30	71.99	58.64	180.43	189.72	182.15	7.57	25.063	CC, ES	
300.00	300.00	299.80	299.80	3.34	3.34	174.84	58.75	180.01	189.81	182.16	7.65	24.807		
400.00	399.93	405.74	405.67	3.40	3.41	174.33	59.65	176.32	190.24	182.47	7.77	24.488		
500.00	499.68	511.61	511.25	3.49	3.51	173.31	61.49	168.84	191.06	183.14	7.93	24.103		
600.00	599.13	614.04	613.13	3.60	3.62	171.94	64.02	158.53	192.84	184.70	8.13	23.708		
700.00	698.15	713.83	712.34	3.74	3.76	170.73	66.57	148.15	197.88	189.49	8.39	23.586		
800.00	796.63	813.40	811.34	3.93	3.92	169.73	69.12	137.79	206.42	197.74	8.69	23.759		
900.00	894.44	912.64	910.00	4.16	4.10	168.97	71.65	127.47	218.43	209.41	9.03	24.195		
1,000.00	991.54	1,011.47	1,008.26	4.44	4.29	168.46	74.18	117.19	233.55	224.15	9.41	24.828		
1,100.00	1,088.51	1,110.21	1,106.44	4.76	4.50	168.07	76.70	106.91	249.25	239.44	9.81	25.413		
1,200.00	1,185.47	1,208.96	1,204.62	5.11	4.72	167.72	79.22	96.64	264.95	254.71	10.24	25.883		
1,300.00	1,282.44	1,307.71	1,302.80	5.48	4.95	167.41	81.75	86.36	280.66	269.97	10.69	26.254		
1,400.00	1,379.40	1,406.46	1,400.98	5.87	5.19	167.14	84.27	76.09	296.38	285.21	11.16	26.547		
1,500.00	1,476.37	1,505.20	1,499.16	6.27	5.44	166.89	86.79	65.82	312.10	300.44	11.66	26.772		
1,600.00	1,573.34	1,603.95	1,597.34	6.69	5.69	166.67	89.32	55.54	327.83	315.66	12.17	26.945		
1,700.00	1,670.30	1,702.70	1,695.52	7.11	5.95	166.46	91.84	45.27	343.56	330.88	12.69	27.080		
1,800.00	1,767.27	1,801.45	1,793.70	7.35	6.08	166.28	94.36	35.00	359.30	346.71	12.59	28.532		
1,900.00	1,864.23	1,900.19	1,891.88	7.42	6.11	166.11	96.89	24.72	375.04	362.40	12.64	29.674		
2,000.00	1,961.20	2,001.06	1,990.06	7.53	6.15	165.95	99.41	14.45	390.78	378.06	12.72	30.723		
2,100.00	2,058.17	2,102.31	2,088.24	7.66	6.21	165.81	101.93	4.18	406.53	393.69	12.84	31.673		
2,200.00	2,155.13	2,203.56	2,186.41	7.82	6.29	165.67	104.46	-6.10	422.28	409.29	12.98	32.522		
2,300.00	2,252.10	2,304.82	2,284.59	8.01	6.38	165.55	106.98	-16.37	438.03	424.86	13.17	33.269		
2,400.00	2,349.06	2,406.07	2,382.77	8.23	6.49	165.44	109.50	-26.65	453.78	440.40	13.38	33.917		
2,500.00	2,446.03	2,507.32	2,480.95	8.47	6.61	165.33	112.03	-36.92	469.53	455.91	13.62	34.470		
2,600.00	2,543.00	2,608.57	2,579.13	8.73	6.75	165.23	114.55	-47.19	485.29	471.40	13.89	34.932		
2,700.00	2,639.96	2,709.82	2,677.31	9.01	6.89	165.13	117.08	-57.47	501.05	486.86	14.19	35.312		
2,800.00	2,736.93	2,788.92	2,775.49	9.30	7.02	165.04	119.60	-67.74	516.81	502.33	14.48	35.693		
2,900.00	2,833.89	2,887.67	2,873.67	9.62	7.18	164.96	122.12	-78.01	532.56	517.75	14.82	35.941		
3,000.00	2,930.86	2,986.42	2,971.85	9.95	7.35	164.88	124.65	-88.29	548.32	533.15	15.18	36.127		
3,100.00	3,027.82	3,085.17	3,070.03	10.29	7.54	164.81	127.17	-98.56	564.09	548.53	15.56	36.259		
3,200.00	3,124.79	3,183.91	3,168.21	10.64	7.73	164.74	129.69	-108.83	579.85	563.89	15.95	36.343		
3,300.00	3,221.76	3,282.66	3,266.39	11.01	7.93	164.67	132.22	-119.11	595.61	579.24	16.37	36.386		
3,400.00	3,318.72	3,381.41	3,364.57	11.39	8.14	164.61	134.74	-129.38	611.37	594.58	16.80	36.393		
3,500.00	3,415.69	3,480.16	3,462.75	11.77	8.35	164.55	137.26	-139.66	627.14	609.90	17.24	36.369		
3,600.00	3,512.65	3,578.90	3,560.92	12.16	8.57	164.49	139.79	-149.93	642.90	625.20	17.70	36.319		
3,700.00	3,609.62	3,677.65	3,659.10	12.56	8.80	164.44	142.31	-160.20	658.67	640.50	18.17	36.248		
3,800.00	3,706.59	3,776.40	3,757.28	12.97	9.03	164.39	144.83	-170.48	674.44	655.78	18.65	36.158		
3,900.00	3,803.55	3,875.15	3,855.46	13.38	9.26	164.34	147.36	-180.75	690.20	671.06	19.14	36.053		
4,000.00	3,900.52	3,973.89	3,953.64	13.80	9.50	164.29	149.88	-191.02	705.97	686.32	19.65	35.936		
4,100.00	3,997.48	4,072.64	4,051.82	14.22	9.75	164.25	152.40	-201.30	721.74	701.58	20.16	35.809		
4,200.00	4,094.45	4,171.39	4,150.00	14.65	10.00	164.20	154.93	-211.57	737.50	716.83	20.67	35.673		
4,300.00	4,191.42	4,270.14	4,248.18	15.08	10.25	164.16	157.45	-221.84	753.27	732.07	21.20	35.532		
4,400.00	4,288.38	4,368.88	4,346.36	15.52	10.51	164.12	159.97	-232.12	769.04	747.31	21.73	35.386		
4,500.00	4,385.35	4,467.63	4,444.54	15.95	10.77	164.09	162.50	-242.39	784.81	762.54	22.27	35.237		
4,600.00	4,482.31	4,566.38	4,542.72	16.40	11.03	164.05	165.02	-252.67	800.58	777.76	22.82	35.086		
4,700.00	4,579.28	4,665.13	4,640.90	16.84	11.30	164.01	167.54	-262.94	816.35	792.98	23.37	34.933		
4,800.00	4,676.25	4,763.87	4,739.08	17.29	11.56	163.98	170.07	-273.21	832.12	808.19	23.93	34.780		
4,900.00	4,773.21	4,862.62	4,837.25	17.74	11.83	163.95	172.59	-283.49	847.89	823.40	24.49	34.626		
5,000.00	4,870.18	4,961.37	4,935.43	18.19	12.11	163.92	175.11	-293.76	863.66	838.61	25.05	34.474		
5,100.00	4,967.14	5,060.12	5,033.61	18.65	12.38	163.89	177.64	-304.03	879.43	853.81	25.62	34.322		
5,200.00	5,064.11	5,158.86	5,131.79	19.10	12.66	163.86	180.16	-314.31	895.20	869.00	26.20	34.172		
5,300.00	5,161.07	5,257.61	5,229.97	19.56	12.94	163.83	182.68	-324.58	910.97	884.20	26.77	34.023		
5,400.00	5,258.04	5,356.36	5,328.15	20.02	13.22	163.80	185.21	-334.85	926.74	899.39	27.36	33.877		
5,500.00	5,355.01	5,455.11	5,426.33	20.49	13.50	163.78	187.73	-345.13	942.52	914.57	27.94	33.733		
5,600.00	5,451.97	5,553.85	5,524.51	20.95	13.78	163.75	190.25	-355.40	958.29	929.76	28.53	33.590		
5,700.00	5,548.94	5,652.60	5,622.69	21.41	14.06	163.73	192.78	-365.68	974.06	944.94	29.12	33.451		
5,800.00	5,645.90	5,751.35	5,720.87	21.88	14.35	163.70	195.30	-375.95	989.83	960.12	29.71	33.314		
5,900.00	5,742.87	5,850.10	5,819.05	22.35	14.64	163.68	197.82	-386.22	1,005.60	975.30	30.31	33.179		
6,000.00	5,839.84	5,948.84	5,917.23	22.82	14.93	163.66	200.35	-396.50	1,021.38	990.47	30.91	33.047		
6,100.00	5,936.80	6,047.59	6,015.41	23.29	15.22	163.64	202.87	-406.77	1,037.15	1,005.64	31.51	32.918		
6,200.00	6,033.77	6,146.34	6,113.59	23.76	15.51	163.61	205.39	-417.04	1,052.92	1,020.81	32.11	32.792		
6,300.00	6,130.73	7,711.37	7,037.31	24.23	33.76	122.52	225.52	-1,362.43	1,056.02	1,018.10	37.92	27.847		
6,400.00	6,227.70	7,734.98	7,037.25	24.70	34.35	120.51	225.42	-1,386.04	976.66	936.42	40.23	24.275		
6,500.00	6,325.19	7,756.10	7,037.19	25.04	34.87	120.37	225.32	-1,407.17	900.42	857.57	42.84	21.016		

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	
6,600.00	6,424.66	7,763.15	7,037.18	25.19	35.04	-175.21	225.29	-1,414.21	827.49	781.91	45.58	18.155		
6,700.00	6,524.02	7,754.51	7,037.20	25.27	34.83	-118.50	225.33	-1,405.58	760.91	712.58	48.33	15.744		
6,800.00	6,620.84	7,730.42	7,037.26	25.32	34.23	-113.15	225.44	-1,381.49	703.78	652.90	50.88	13.831		
6,900.00	6,712.73	7,708.54	7,037.36	25.41	33.69	-111.01	225.60	-1,342.53	658.48	605.16	53.32	12.349		
7,000.00	6,797.42	7,638.60	7,037.49	25.56	32.01	-108.25	225.83	-1,289.66	626.12	571.80	54.33	11.525		
7,100.00	6,872.84	7,573.12	7,037.66	25.86	30.48	-104.49	226.12	-1,224.19	606.19	551.34	54.85	11.052		
7,200.00	6,937.12	7,503.35	7,037.85	26.34	28.88	-100.09	226.45	-1,147.72	596.58	541.78	54.80	10.886 SF		
7,300.00	6,988.68	7,407.90	7,037.37	27.07	26.82	-95.49	226.81	-1,058.97	594.12	540.14	53.98	11.007		
7,310.74	6,993.41	7,397.46	7,036.82	27.17	26.60	-94.97	226.84	-1,048.55	594.11	540.21	53.90	11.023		
7,400.00	7,026.26	7,314.04	7,026.31	28.05	24.91	-90.77	226.92	-965.86	595.26	542.01	53.25	11.178		
7,500.00	7,048.92	7,226.46	7,003.76	29.28	23.26	-86.35	226.69	-881.30	599.06	546.23	52.84	11.338		
7,600.00	7,056.33	7,143.83	6,972.03	30.70	21.87	-82.34	226.19	-805.07	605.04	552.33	52.71	11.478		
7,700.00	7,058.28	7,069.41	6,935.23	32.32	20.79	-78.79	225.50	-740.44	615.04	562.17	52.87	11.632		
7,800.00	7,060.24	7,005.14	6,897.56	34.12	19.96	-75.27	224.74	-688.40	631.66	578.49	53.17	11.880		
7,900.00	7,062.19	6,950.00	6,861.21	36.08	19.35	-71.99	223.96	-646.98	656.16	602.72	53.44	12.277		
8,000.00	7,064.15	6,900.00	6,825.26	38.17	18.86	-68.86	223.17	-612.26	689.12	635.55	53.57	12.864		
8,100.00	7,066.11	6,863.02	6,796.98	40.38	18.53	-66.49	222.53	-588.45	730.40	676.78	53.62	13.621		
8,200.00	7,068.06	6,828.58	6,769.43	42.68	18.25	-64.26	221.90	-567.79	779.47	725.99	53.48	14.574		
8,300.00	7,070.02	6,800.00	6,745.75	45.06	18.03	-62.41	221.35	-551.80	835.50	782.27	53.23	15.695		
8,400.00	7,071.97	6,773.06	6,722.80	47.50	17.85	-60.67	220.81	-537.71	897.58	844.68	52.89	16.969		
8,500.00	7,073.93	6,750.00	6,702.69	50.01	17.70	-59.19	220.33	-526.44	964.82	912.31	52.51	18.374		
8,600.00	7,075.89	6,730.72	6,685.57	52.56	17.58	-57.97	219.92	-517.57	1,036.42	984.30	52.11	19.888		
8,700.00	7,077.84	6,713.21	6,669.80	55.16	17.48	-56.87	219.54	-509.97	1,111.69	1,059.98	51.71	21.500		
8,800.00	7,079.80	6,700.00	6,657.77	57.79	17.40	-56.05	219.25	-504.53	1,190.05	1,138.73	51.31	23.192		

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Separation Factor	Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			Minimum Separation (usft)		
0.00	0.00	3.00	-3.00	3.28	3.28	108.92	-61.57	179.59	189.85						
100.00	100.00	103.00	97.00	3.28	3.28	108.92	-61.57	179.59	189.85	182.33	7.53	25.221			
200.00	200.00	203.00	197.00	3.30	3.30	108.92	-61.57	179.59	189.85	182.28	7.57	25.081	CC, ES		
200.29	200.29	202.71	197.29	3.30	3.30	108.92	-61.57	179.59	189.85	182.28	7.57	25.081			
300.00	300.00	297.76	297.76	3.34	3.34	-148.13	-61.90	179.38	190.13	182.48	7.65	24.856			
400.00	399.93	399.32	399.25	3.40	3.40	-147.65	-64.84	177.49	192.28	184.52	7.76	24.772			
500.00	499.68	500.72	500.40	3.49	3.48	-146.70	-70.78	173.65	196.58	188.66	7.92	24.809			
600.00	599.13	601.86	600.97	3.60	3.59	-145.34	-79.71	167.90	203.11	194.97	8.14	24.952			
700.00	698.15	702.62	700.74	3.74	3.73	-143.64	-91.56	160.26	211.95	203.53	8.42	25.176			
800.00	796.63	802.75	799.34	3.93	3.91	-141.71	-106.22	150.82	223.18	214.41	8.77	25.455			
900.00	894.44	901.62	896.47	4.16	4.12	-140.17	-121.72	140.83	237.13	227.95	9.19	25.813			
1,000.00	991.54	1,000.21	993.33	4.44	4.36	-139.32	-137.18	130.87	253.58	243.91	9.67	26.229			
1,100.00	1,088.51	1,101.26	1,090.13	4.76	4.63	-138.75	-152.62	120.91	270.49	260.29	10.20	26.519			
1,200.00	1,185.47	1,202.73	1,186.93	5.11	4.92	-138.25	-168.07	110.96	287.42	276.64	10.78	26.670			
1,300.00	1,282.44	1,304.21	1,283.73	5.48	5.23	-137.81	-183.52	101.00	304.36	292.97	11.39	26.721			
1,400.00	1,379.40	1,405.68	1,380.52	5.87	5.55	-137.42	-198.97	91.05	321.33	309.29	12.04	26.699			
1,500.00	1,476.37	1,507.15	1,477.32	6.27	5.88	-137.06	-214.42	81.09	338.31	325.60	12.71	26.626			
1,600.00	1,573.34	1,608.62	1,574.12	6.69	6.22	-136.74	-229.86	71.13	355.30	341.90	13.40	26.518			
1,700.00	1,670.30	1,689.90	1,670.92	7.11	6.50	-136.45	-245.31	61.18	372.30	358.26	14.04	26.518			
1,800.00	1,767.27	1,788.43	1,767.72	7.55	6.71	-136.18	-260.76	51.22	389.30	375.23	14.07	27.666			
1,900.00	1,864.23	1,886.96	1,864.52	7.42	6.77	-135.94	-276.21	41.27	406.32	392.13	14.19	28.635			
2,000.00	1,961.20	1,985.49	1,961.31	7.53	6.84	-135.71	-291.65	31.31	423.34	409.00	14.34	29.527			
2,100.00	2,058.17	2,084.01	2,058.11	7.66	6.93	-135.51	-307.10	21.36	440.37	425.83	14.53	30.300			
2,200.00	2,155.13	2,182.54	2,154.91	7.82	7.05	-135.31	-322.55	11.40	457.40	442.63	14.78	30.956			
2,300.00	2,252.10	2,281.07	2,251.71	8.01	7.18	-135.14	-338.00	1.45	474.44	459.38	15.06	31.499			
2,400.00	2,349.06	2,379.60	2,348.51	8.23	7.34	-134.97	-353.45	-8.51	491.48	476.09	15.39	31.935			
2,500.00	2,446.03	2,478.12	2,445.31	8.47	7.51	-134.81	-368.89	-18.46	508.53	492.77	15.76	32.273			
2,600.00	2,543.00	2,576.65	2,542.11	8.73	7.70	-134.67	-384.34	-28.42	525.57	509.41	16.16	32.523			
2,700.00	2,639.96	2,675.18	2,638.90	9.01	7.90	-134.53	-399.79	-38.37	542.63	526.03	16.60	32.695			
2,800.00	2,736.93	2,773.71	2,735.70	9.30	8.12	-134.41	-415.24	-48.33	559.68	542.62	17.06	32.798			
2,900.00	2,833.89	2,872.24	2,832.50	9.62	8.36	-134.29	-430.68	-58.28	576.74	559.18	17.56	32.843			
3,000.00	2,930.86	2,970.76	2,929.30	9.95	8.60	-134.17	-446.13	-68.24	593.80	575.72	18.08	32.838			
3,100.00	3,027.82	3,069.29	3,026.10	10.29	8.86	-134.07	-461.58	-78.19	610.86	592.23	18.63	32.791			
3,200.00	3,124.79	3,167.82	3,122.90	10.64	9.13	-133.97	-477.03	-88.15	627.92	608.73	19.20	32.710			
3,300.00	3,221.76	3,266.35	3,219.69	11.01	9.40	-133.87	-492.48	-98.11	644.99	625.20	19.78	32.600			
3,400.00	3,318.72	3,364.87	3,316.49	11.39	9.69	-133.78	-507.92	-108.06	662.06	641.66	20.39	32.469			
3,500.00	3,415.69	3,463.40	3,413.29	11.77	9.98	-133.70	-523.37	-118.02	679.12	658.11	21.01	32.319			
3,600.00	3,512.65	3,561.93	3,510.09	12.16	10.28	-133.61	-538.82	-127.97	696.19	674.54	21.65	32.156			
3,700.00	3,609.62	3,660.46	3,606.89	12.56	10.59	-133.54	-554.27	-137.93	713.27	690.96	22.30	31.982			
3,800.00	3,706.59	3,758.98	3,703.69	12.97	10.91	-133.46	-569.72	-147.88	730.34	707.37	22.97	31.801			
3,900.00	3,803.55	3,857.51	3,800.49	13.38	11.23	-133.39	-585.16	-157.84	747.41	723.77	23.64	31.614			
4,000.00	3,900.52	3,956.04	3,897.28	13.80	11.55	-133.32	-600.61	-167.79	764.49	740.16	24.33	31.424			
4,100.00	3,997.48	4,054.57	3,994.08	14.22	11.88	-133.26	-616.06	-177.75	781.56	756.54	25.02	31.233			
4,200.00	4,094.45	4,153.09	4,090.88	14.65	12.21	-133.20	-631.51	-187.70	798.64	772.91	25.73	31.042			
4,300.00	4,191.42	4,251.62	4,187.68	15.08	12.55	-133.14	-646.95	-197.66	815.72	789.27	26.44	30.851			
4,400.00	4,288.38	4,350.15	4,284.48	15.52	12.89	-133.08	-662.40	-207.61	832.79	805.63	27.16	30.661			
4,500.00	4,385.35	4,448.68	4,381.28	15.95	13.24	-133.03	-677.85	-217.57	849.87	821.98	27.89	30.474			
4,600.00	4,482.31	4,547.20	4,478.07	16.40	13.58	-132.97	-693.30	-227.52	866.95	838.33	28.62	30.290			
4,700.00	4,579.28	4,645.73	4,574.87	16.84	13.94	-132.92	-708.75	-237.48	884.03	854.67	29.36	30.108			
4,800.00	4,676.25	4,744.26	4,671.67	17.29	14.29	-132.87	-724.19	-247.43	901.11	871.01	30.11	29.931			
4,900.00	4,773.21	4,842.79	4,768.47	17.74	14.64	-132.83	-739.64	-257.39	918.20	887.34	30.86	29.757			
5,000.00	4,870.18	4,941.31	4,865.27	18.19	15.00	-132.78	-755.09	-267.34	935.28	903.67	31.61	29.586			
5,100.00	4,967.14	5,039.84	4,962.07	18.65	15.36	-132.74	-770.54	-277.30	952.36	919.99	32.37	29.420			
5,200.00	5,064.11	5,138.37	5,058.87	19.10	15.73	-132.70	-785.98	-287.26	969.44	936.31	33.13	29.258			
5,300.00	5,161.07	5,236.90	5,155.66	19.56	16.09	-132.66	-801.43	-297.21	986.53	952.63	33.90	29.100			
5,400.00	5,258.04	5,335.42	5,252.46	20.02	16.46	-132.62	-816.88	-307.17	1,003.61	968.94	34.67	28.946			
5,500.00	5,355.01	5,433.95	5,349.26	20.49	16.82	-132.58	-832.33	-317.12	1,020.70	985.25	35.45	28.796			
5,600.00	5,451.97	5,532.48	5,446.06	20.95	17.19	-132.54	-847.78	-327.08	1,037.78	1,001.56	36.22	28.650			
5,700.00	5,548.94	5,631.01	5,542.86	21.41	17.56	-132.51	-863.22	-337.03	1,054.87	1,017.86	37.00	28.507			
5,800.00	5,645.90	5,729.53	5,639.66	21.88	17.93	-132.47	-878.67	-346.99	1,071.95	1,034.17	37.79	28.369			
5,900.00	5,742.87	5,828.06	5,736.45	22.35	18.31	-132.44	-894.12	-356.94	1,089.04	1,050.47	38.57	28.234			
6,000.00	5,839.84	5,926.59	5,833.25	22.82	18.68	-132.41	-909.57	-366.90	1,106.13	1,066.77	39.36	28.103			
6,100.00	5,936.80	6,025.12	5,930.05	23.29	19.06	-132.38	-925.01	-376.85	1,123.21	1,083.06	40.15	27.976			
6,200.00	6,033.77	6,123.65	6,026.85	23.76	19.43	-132.35	-940.46	-386.81	1,140.30	1,099.36	40.94	27.852			
6,300.00	6,130.73	6,222.17	6,123.65	24.23	19.81	-132.32	-955.91	-396.76	1,157.39	1,115.65	41.74	27.731			
6,400.00	6,227.70	6,320.70	6,220.45	24.70	20.19	-132.29	-971.36	-406.72	1,174.47	1,131.94	42.53	27.614			

Offset Design													Offset Site Error:	0.00 usft	
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1													Offset Well Error:		3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1															
Reference		Offset		Semi Major Axis			Distance						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	6,325.19	7,971.65	7,166.65	25.04	36.94	-79.11	-1,124.22	-1,405.38	1,164.79	1,119.30	45.49	25.605			
6,600.00	6,424.66	7,978.52	7,166.62	25.19	37.09	6.00	-1,124.23	-1,412.24	1,090.57	1,043.02	47.56	22.932			
6,700.00	6,524.02	7,969.71	7,166.66	25.27	36.90	78.02	-1,124.21	-1,403.43	1,020.66	971.20	49.46	20.636			
6,800.00	6,620.84	7,945.44	7,166.76	25.32	36.35	92.86	-1,124.18	-1,379.17	957.45	906.35	51.10	18.736			
6,900.00	6,712.73	7,906.31	7,166.92	25.41	35.49	99.28	-1,124.12	-1,340.04	902.87	850.50	52.37	17.240			
7,000.00	6,797.42	7,853.29	7,167.14	25.56	34.36	102.13	-1,124.05	-1,287.02	858.05	804.84	53.22	16.123			
7,100.00	6,872.84	7,787.68	7,167.41	25.86	33.01	102.86	-1,123.96	-1,221.41	823.25	769.65	53.60	15.359			
7,200.00	6,937.12	7,711.09	7,167.73	26.34	31.52	102.31	-1,123.85	-1,144.82	797.78	744.16	53.62	14.878			
7,300.00	6,988.68	7,605.26	7,166.75	27.07	29.64	100.40	-1,123.48	-1,039.02	780.00	726.66	53.34	14.623			
7,400.00	7,026.26	7,457.78	7,140.87	28.05	27.38	96.35	-1,119.06	-894.23	763.35	710.27	53.08	14.381			
7,500.00	7,048.92	7,334.79	7,094.60	29.28	25.85	92.52	-1,111.45	-780.73	747.58	694.47	53.12	14.075			
7,600.00	7,056.33	7,229.04	7,038.22	30.70	24.78	88.68	-1,102.28	-691.89	734.26	680.93	53.33	13.769			
7,700.00	7,058.28	7,142.91	6,982.06	32.32	24.06	84.11	-1,093.19	-627.31	724.58	670.85	53.72	13.487			
7,790.39	7,060.05	7,081.56	6,937.06	33.94	23.60	80.42	-1,085.94	-586.28	721.29	667.11	54.18	13.312			
7,800.00	7,060.24	7,075.81	6,932.65	34.12	23.56	80.06	-1,085.23	-582.66	721.33	667.10	54.23	13.302			
7,900.00	7,062.19	7,023.14	6,890.77	36.08	23.22	76.65	-1,078.49	-551.46	726.86	672.14	54.72	13.284 SF			
8,000.00	7,064.15	6,981.23	6,855.72	38.17	22.96	73.81	-1,072.86	-529.20	742.44	687.30	55.14	13.465			
8,100.00	7,066.11	6,950.00	6,828.70	40.38	22.78	71.66	-1,068.52	-514.16	768.41	712.93	55.47	13.852			
8,200.00	7,068.06	6,919.58	6,801.70	42.68	22.61	69.53	-1,064.19	-500.82	804.34	748.68	55.66	14.452			
8,300.00	7,070.02	6,900.00	6,784.01	45.06	22.51	68.15	-1,061.35	-492.93	849.40	793.62	55.79	15.226			
8,400.00	7,071.97	6,876.94	6,762.88	47.50	22.40	66.53	-1,057.97	-484.35	902.44	846.67	55.77	16.181			
8,500.00	7,073.93	6,860.29	6,747.44	50.01	22.32	65.36	-1,055.50	-478.64	962.36	906.64	55.72	17.272			
8,600.00	7,075.89	6,850.00	6,737.82	52.56	22.26	64.63	-1,053.96	-475.31	1,028.08	972.44	55.64	18.478			
8,700.00	7,077.84	6,833.46	6,722.26	55.16	22.19	63.48	-1,051.47	-470.30	1,098.59	1,043.12	55.47	19.806			
8,800.00	7,079.80	6,822.51	6,711.89	57.79	22.14	62.71	-1,049.81	-467.21	1,173.14	1,117.84	55.30	21.213			

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-12-M - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				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
8,300.00	7,070.02	7,988.72	7,271.65	45.06	29.45	100.10	-1,561.53	-66.51	1,199.07	1,125.04	74.03	16.197	
8,400.00	7,071.97	7,888.74	7,274.44	47.50	27.17	100.16	-1,560.72	33.43	1,197.18	1,122.98	74.20	16.135	
8,500.00	7,073.93	7,788.77	7,277.22	50.01	25.04	100.21	-1,559.90	133.36	1,195.29	1,120.73	74.57	16.030	
8,600.00	7,075.89	7,688.68	7,280.01	52.56	23.09	100.27	-1,559.09	233.40	1,193.41	1,118.26	75.15	15.881	
8,700.00	7,077.84	7,529.09	7,264.46	55.16	20.43	99.42	-1,557.25	391.80	1,188.98	1,113.79	75.18	15.814	
8,800.00	7,079.80	7,386.88	7,217.83	57.79	18.70	97.08	-1,554.77	525.81	1,180.54	1,104.27	76.27	15.478	
8,900.00	7,081.76	7,270.51	7,158.30	60.45	17.81	94.10	-1,552.24	625.58	1,170.69	1,092.41	78.28	14.954	
9,000.00	7,083.71	7,179.26	7,099.51	63.14	17.40	91.15	-1,550.00	695.24	1,162.24	1,081.46	80.79	14.387	
9,100.00	7,085.67	7,108.49	7,047.41	65.85	17.19	88.52	-1,548.14	743.04	1,157.45	1,074.04	83.41	13.877	
9,142.58	7,086.50	7,083.34	7,027.66	67.02	17.14	87.53	-1,547.46	758.60	1,156.94	1,072.44	84.51	13.691 CC	
9,200.00	7,087.62	7,053.28	7,003.27	68.59	17.08	86.30	-1,546.63	776.15	1,157.93	1,072.01	85.92	13.477 ES	
9,300.00	7,089.58	7,009.60	6,966.42	71.34	17.01	84.46	-1,545.40	799.55	1,164.68	1,076.53	88.15	13.212	
9,400.00	7,091.54	6,974.50	6,935.70	74.11	16.96	82.93	-1,544.41	816.49	1,178.26	1,088.24	90.02	13.089 SF	
9,500.00	7,093.49	6,950.00	6,913.73	76.90	16.93	81.84	-1,543.71	827.30	1,198.89	1,107.42	91.47	13.107	

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				Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			Minimum Separation (usft)	
0.00	0.00	3.00	-3.00	3.28	3.28	103.02	-41.53	179.59	184.33					
100.00	100.00	103.00	97.00	3.28	3.28	103.02	-41.53	179.59	184.33	176.81	7.53	24.488		
200.00	200.00	203.00	197.00	3.30	3.30	103.02	-41.53	179.59	184.33	176.76	7.57	24.352	CC, ES	
203.85	203.85	200.85	200.85	3.30	3.30	-154.08	-41.53	179.59	184.33	176.76	7.57	24.350		
300.00	300.00	298.40	298.39	3.34	3.34	-154.02	-41.85	179.33	184.55	176.90	7.65	24.125		
400.00	399.93	401.33	401.26	3.40	3.40	-153.51	-44.61	177.04	186.13	178.37	7.76	23.979		
500.00	499.68	504.15	503.81	3.49	3.48	-152.47	-50.20	172.40	189.29	181.36	7.92	23.890		
600.00	599.13	606.76	605.84	3.60	3.59	-150.97	-58.60	165.42	194.10	185.97	8.14	23.853		
700.00	698.15	709.09	707.12	3.74	3.74	-149.07	-69.78	156.15	200.69	192.28	8.41	23.856		
800.00	796.63	808.61	805.35	3.93	3.92	-147.32	-82.11	145.91	209.72	200.96	8.75	23.955		
900.00	894.44	907.81	903.25	4.16	4.12	-146.18	-94.40	135.70	221.78	212.63	9.16	24.224		
1,000.00	991.54	1,006.70	1,000.85	4.44	4.35	-145.62	-106.66	125.53	236.50	226.89	9.61	24.606		
1,100.00	1,088.51	1,105.53	1,098.39	4.76	4.60	-145.29	-118.91	115.36	251.70	241.60	10.11	24.907		
1,200.00	1,185.47	1,204.36	1,195.93	5.11	4.86	-145.00	-131.16	105.19	266.91	256.27	10.64	25.090		
1,300.00	1,282.44	1,303.18	1,293.46	5.48	5.14	-144.73	-143.41	95.02	282.13	270.92	11.20	25.182		
1,400.00	1,379.40	1,402.01	1,391.00	5.87	5.43	-144.50	-155.65	84.85	297.35	285.55	11.80	25.207		
1,500.00	1,476.37	1,500.84	1,488.54	6.27	5.73	-144.28	-167.90	74.68	312.57	300.16	12.41	25.182		
1,600.00	1,573.34	1,600.33	1,586.07	6.69	6.04	-144.09	-180.15	64.51	327.80	314.75	13.05	25.117		
1,700.00	1,670.30	1,701.51	1,683.61	7.11	6.36	-143.92	-192.40	54.34	343.03	329.32	13.71	25.021		
1,800.00	1,767.27	1,797.32	1,781.15	7.55	6.52	-143.76	-204.65	44.17	358.27	344.58	13.69	26.169		
1,900.00	1,864.23	1,903.85	1,878.69	7.42	6.57	-143.61	-216.90	34.00	373.50	359.72	13.78	27.101		
2,000.00	1,961.20	2,005.02	1,976.22	7.53	6.64	-143.47	-229.15	23.84	388.74	374.83	13.91	27.938		
2,100.00	2,058.17	2,106.19	2,073.76	7.66	6.72	-143.35	-241.40	13.67	403.99	389.89	14.09	28.668		
2,200.00	2,155.13	2,192.63	2,171.30	7.82	6.81	-143.23	-253.65	3.50	419.23	404.93	14.30	29.324		
2,300.00	2,252.10	2,308.54	2,268.83	8.01	6.96	-143.12	-265.89	-6.67	434.47	419.90	14.58	29.809		
2,400.00	2,349.06	2,409.71	2,366.37	8.23	7.10	-143.02	-278.14	-16.84	449.72	434.84	14.88	30.228		
2,500.00	2,446.03	2,489.12	2,463.91	8.47	7.23	-142.93	-290.39	-27.01	464.97	449.79	15.18	30.629		
2,600.00	2,543.00	2,587.95	2,561.45	8.73	7.40	-142.84	-302.64	-37.18	480.22	464.67	15.55	30.889		
2,700.00	2,639.96	2,686.77	2,658.98	9.01	7.59	-142.75	-314.89	-47.35	495.47	479.52	15.94	31.076		
2,800.00	2,736.93	2,785.60	2,756.52	9.30	7.79	-142.68	-327.14	-57.52	510.72	494.35	16.37	31.197		
2,900.00	2,833.89	2,884.43	2,854.06	9.62	8.00	-142.60	-339.39	-67.69	525.97	509.14	16.82	31.262		
3,000.00	2,930.86	2,983.26	2,951.60	9.95	8.23	-142.53	-351.64	-77.86	541.22	523.92	17.30	31.279		
3,100.00	3,027.82	3,082.09	3,049.13	10.29	8.46	-142.47	-363.88	-88.02	556.47	538.67	17.80	31.254		
3,200.00	3,124.79	3,180.91	3,146.67	10.64	8.71	-142.40	-376.13	-98.19	571.73	553.40	18.33	31.196		
3,300.00	3,221.76	3,279.74	3,244.21	11.01	8.96	-142.35	-388.38	-108.36	586.98	568.11	18.87	31.109		
3,400.00	3,318.72	3,378.57	3,341.74	11.39	9.22	-142.29	-400.63	-118.53	602.24	582.81	19.43	30.999		
3,500.00	3,415.69	3,477.40	3,439.28	11.77	9.49	-142.24	-412.88	-128.70	617.49	597.49	20.00	30.871		
3,600.00	3,512.65	3,576.22	3,536.82	12.16	9.77	-142.19	-425.13	-138.87	632.75	612.16	20.59	30.728		
3,700.00	3,609.62	3,675.05	3,634.36	12.56	10.05	-142.14	-437.38	-149.04	648.01	626.81	21.19	30.574		
3,800.00	3,706.59	3,773.88	3,731.89	12.97	10.34	-142.09	-449.63	-159.21	663.26	641.45	21.81	30.411		
3,900.00	3,803.55	3,872.71	3,829.43	13.38	10.64	-142.05	-461.88	-169.38	678.52	656.08	22.44	30.242		
4,000.00	3,900.52	3,971.54	3,926.97	13.80	10.93	-142.01	-474.12	-179.55	693.78	670.71	23.07	30.068		
4,100.00	3,997.48	4,070.36	4,024.50	14.22	11.24	-141.97	-486.37	-189.71	709.04	685.32	23.72	29.892		
4,200.00	4,094.45	4,169.19	4,122.04	14.65	11.55	-141.93	-498.62	-199.88	724.30	699.92	24.37	29.715		
4,300.00	4,191.42	4,268.02	4,219.58	15.08	11.86	-141.89	-510.87	-210.05	739.55	714.52	25.04	29.538		
4,400.00	4,288.38	4,366.85	4,317.12	15.52	12.18	-141.86	-523.12	-220.22	754.81	729.10	25.71	29.361		
4,500.00	4,385.35	4,465.68	4,414.65	15.95	12.49	-141.82	-535.37	-230.39	770.07	743.69	26.39	29.186		
4,600.00	4,482.31	4,564.50	4,512.19	16.40	12.82	-141.79	-547.62	-240.56	785.33	758.26	27.07	29.012		
4,700.00	4,579.28	4,663.33	4,609.73	16.84	13.14	-141.76	-559.87	-250.73	800.59	772.83	27.76	28.842		
4,800.00	4,676.25	4,762.16	4,707.27	17.29	13.47	-141.73	-572.11	-260.90	815.85	787.40	28.45	28.674		
4,900.00	4,773.21	4,860.99	4,804.80	17.74	13.80	-141.70	-584.36	-271.07	831.11	801.96	29.15	28.509		
5,000.00	4,870.18	4,959.82	4,902.34	18.19	14.13	-141.67	-596.61	-281.24	846.37	816.51	29.86	28.347		
5,100.00	4,967.14	5,058.64	4,999.88	18.65	14.47	-141.64	-608.86	-291.40	861.63	831.07	30.57	28.189		
5,200.00	5,064.11	5,157.47	5,097.41	19.10	14.80	-141.62	-621.11	-301.57	876.89	845.61	31.28	28.035		
5,300.00	5,161.07	5,256.30	5,194.95	19.56	15.14	-141.59	-633.36	-311.74	892.15	860.16	32.00	27.884		
5,400.00	5,258.04	5,355.13	5,292.49	20.02	15.48	-141.57	-645.61	-321.91	907.42	874.70	32.72	27.736		
5,500.00	5,355.01	5,453.95	5,390.03	20.49	15.82	-141.54	-657.86	-332.08	922.68	889.24	33.44	27.593		
5,600.00	5,451.97	5,552.78	5,487.56	20.95	16.17	-141.52	-670.11	-342.25	937.94	903.77	34.17	27.452		
5,700.00	5,548.94	5,651.61	5,585.10	21.41	16.51	-141.50	-682.35	-352.42	953.20	918.30	34.90	27.316		
5,800.00	5,645.90	5,750.44	5,682.64	21.88	16.86	-141.48	-694.60	-362.59	968.46	932.83	35.63	27.183		
5,900.00	5,742.87	5,849.27	5,780.17	22.35	17.20	-141.46	-706.85	-372.76	983.72	947.36	36.36	27.053		
6,000.00	5,839.84	5,948.09	5,877.71	22.82	17.55	-141.44	-719.10	-382.93	998.99	961.89	37.10	26.927		
6,100.00	5,936.80	6,046.92	5,975.25	23.29	17.90	-141.42	-731.35	-393.10	1,014.25	976.41	37.84	26.804		
6,200.00	6,033.77	6,145.75	6,072.79	23.76	18.25	-141.40	-743.60	-403.26	1,029.51	990.93	38.58	26.685		
6,300.00	6,130.73	6,244.58	6,170.32	24.23	18.60	-141.38	-755.85	-413.43	1,044.77	1,005.45	39.32	26.568		
6,400.00	6,227.70	6,343.41	6,266.85	24.70	18.95	-141.36	-768.10	-423.60	1,060.03	1,020.97	40.06	26.453		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
6,500.00	6,325.19	7,819.00	7,046.52	25.04	36.00	-81.77	-870.74	-1,403.64	908.75	866.76	41.99	21.642		
6,600.00	6,424.66	7,825.84	7,046.49	25.19	36.16	5.95	-870.77	-1,410.48	827.83	783.46	44.37	18.658		
6,700.00	6,524.02	7,817.01	7,046.53	25.27	35.95	79.52	-870.73	-1,401.65	751.37	704.56	46.80	16.053		
6,800.00	6,620.84	7,807.28	7,046.65	25.32	35.72	94.72	-870.61	-1,377.37	682.45	633.00	49.45	13.799		
6,900.00	6,712.73	7,753.58	7,046.82	25.41	34.49	100.57	-870.43	-1,338.23	623.78	572.46	51.32	12.154		
7,000.00	6,797.42	7,700.54	7,047.07	25.56	33.29	102.14	-870.17	-1,285.19	577.22	524.27	52.96	10.900		
7,100.00	6,872.84	7,634.92	7,047.37	25.86	31.87	101.09	-869.85	-1,219.57	543.30	489.36	53.94	10.072		
7,200.00	6,937.12	7,558.32	7,047.72	26.34	30.29	98.45	-869.48	-1,142.98	520.98	466.75	54.23	9.607		
7,300.00	6,988.68	7,466.75	7,047.42	27.07	28.52	94.82	-868.95	-1,051.41	507.72	453.72	54.00	9.402		
7,400.00	7,026.26	7,363.42	7,034.75	28.05	26.70	90.11	-866.81	-949.00	498.94	445.34	53.60	9.308		
7,500.00	7,048.92	7,268.69	7,008.84	29.28	25.24	85.36	-863.08	-858.05	493.84	440.69	53.15	9.292 SF		
7,584.55	7,056.95	7,194.27	6,979.25	30.48	24.23	81.27	-859.01	-789.93	492.52	439.76	52.76	9.334		
7,600.00	7,056.33	7,180.65	6,972.99	30.70	24.07	80.62	-858.17	-777.86	492.48	439.78	52.70	9.345		
7,700.00	7,058.28	7,102.73	6,932.38	32.32	23.18	75.71	-852.73	-711.65	496.39	444.11	52.27	9.496		
7,800.00	7,060.24	7,036.70	6,891.89	34.12	22.54	70.94	-847.39	-659.80	508.60	456.80	51.80	9.819		
7,900.00	7,062.19	6,981.16	6,853.85	36.08	22.06	66.61	-842.42	-619.66	531.01	479.77	51.24	10.363		
8,000.00	7,064.15	6,934.47	6,819.28	38.17	21.69	62.84	-837.93	-588.61	564.22	513.57	50.64	11.141		
8,100.00	7,066.11	6,900.00	6,792.37	40.38	21.44	60.03	-834.45	-567.37	607.78	557.68	50.11	12.129		
8,200.00	7,068.06	6,861.59	6,761.08	42.68	21.19	56.90	-830.42	-545.47	660.47	610.92	49.55	13.330		
8,300.00	7,070.02	6,832.96	6,736.94	45.06	21.01	54.60	-827.32	-530.40	720.97	671.87	49.10	14.685		
8,400.00	7,071.97	6,800.00	6,708.34	47.50	20.81	52.00	-823.65	-514.44	787.98	739.33	48.65	16.198		
8,500.00	7,073.93	6,786.88	6,696.73	50.01	20.74	50.99	-822.17	-508.50	860.03	811.66	48.36	17.782		
8,600.00	7,075.89	6,768.15	6,679.96	52.56	20.64	49.56	-820.03	-500.44	936.39	888.32	48.07	19.480		
8,700.00	7,077.84	6,750.00	6,663.49	55.16	20.54	48.20	-817.93	-493.11	1,016.17	968.37	47.80	21.257		
8,800.00	7,079.80	6,750.00	6,663.49	57.79	20.54	48.20	-817.93	-493.11	1,098.93	1,051.30	47.62	23.075		
8,900.00	7,081.76	6,724.02	6,639.56	60.45	20.41	46.30	-814.89	-483.45	1,183.58	1,136.19	47.38	24.980		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-12B-M - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				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	
6,600.00	6,424.66	9,127.62	7,027.99	25.19	65.67	6.23	-1,354.18	-1,419.00	1,195.24	1,114.75	80.49	14.850		
6,700.00	6,524.02	9,116.61	7,028.28	25.27	65.35	75.12	-1,354.10	-1,407.99	1,142.22	1,059.38	82.84	13.788		
6,800.00	6,620.84	9,109.79	7,028.98	25.32	65.16	87.59	-1,353.91	-1,381.60	1,096.65	1,011.60	85.05	12.894		
6,900.00	6,712.73	9,049.07	7,030.08	25.41	63.43	92.34	-1,353.60	-1,340.47	1,059.55	974.09	85.45	12.399		
7,000.00	6,797.42	9,005.81	7,031.55	25.56	62.20	94.04	-1,353.20	-1,285.62	1,031.10	945.19	85.90	12.003		
7,100.00	6,872.84	8,926.94	7,033.34	25.86	59.96	94.05	-1,352.70	-1,218.39	1,010.65	925.63	85.02	11.888		
7,200.00	6,937.12	8,848.96	7,035.42	26.34	57.76	93.11	-1,352.12	-1,140.44	996.89	912.96	83.93	11.877		
7,300.00	6,988.68	8,762.18	7,037.74	27.07	55.32	91.82	-1,351.48	-1,053.70	988.15	905.60	82.55	11.971		
7,400.00	7,026.26	8,668.73	7,040.23	28.05	52.70	90.64	-1,350.79	-960.29	982.75	901.68	81.07	12.122		
7,500.00	7,048.92	8,570.92	7,042.84	29.28	49.98	89.93	-1,350.07	-862.51	979.32	899.67	79.65	12.295		
7,600.00	7,056.33	8,471.15	7,045.50	30.70	47.23	89.87	-1,349.33	-762.78	977.01	898.65	78.37	12.467		
7,700.00	7,058.28	8,371.17	7,048.17	32.32	44.49	89.91	-1,348.59	-662.84	975.02	897.73	77.28	12.616		
7,800.00	7,060.24	8,271.20	7,050.84	34.12	41.79	89.95	-1,347.85	-562.90	973.03	896.61	76.41	12.734		
7,900.00	7,062.19	8,171.22	7,053.50	36.08	39.12	90.00	-1,347.11	-462.96	971.03	895.31	75.73	12.823		
8,000.00	7,064.15	8,071.24	7,056.17	38.17	36.50	90.04	-1,346.37	-363.02	969.04	893.83	75.22	12.883		
8,100.00	7,066.11	7,971.26	7,058.84	40.38	33.94	90.08	-1,345.63	-263.08	967.05	892.18	74.87	12.916		
8,200.00	7,068.06	7,871.29	7,061.51	42.68	31.44	90.12	-1,344.89	-163.14	965.06	890.38	74.68	12.922		
8,300.00	7,070.02	7,771.31	7,064.18	45.06	29.03	90.17	-1,344.15	-63.21	963.07	888.41	74.66	12.899		
8,400.00	7,071.97	7,671.33	7,066.84	47.50	26.74	90.21	-1,343.41	36.73	961.08	886.27	74.81	12.846		
8,500.00	7,073.93	7,571.35	7,069.51	50.01	24.59	90.25	-1,342.67	136.67	959.09	883.92	75.17	12.759		
8,600.00	7,075.89	7,471.33	7,072.14	52.56	22.59	90.29	-1,341.93	236.66	957.10	881.37	75.73	12.639		
8,700.00	7,077.84	7,371.57	7,065.92	55.16	20.83	89.80	-1,341.21	336.12	955.11	878.55	76.57	12.474		
8,800.00	7,079.80	7,276.59	7,045.63	57.79	19.38	88.47	-1,340.55	428.82	953.50	875.77	77.73	12.266		
8,862.70	7,081.03	7,221.08	7,027.46	59.46	18.67	87.32	-1,340.18	481.25	953.13	874.48	78.65	12.119 CC		
8,900.00	7,081.76	7,189.83	7,015.24	60.45	18.31	86.55	-1,339.98	510.01	953.29	874.06	79.23	12.031 ES		
9,000.00	7,083.71	7,113.02	6,979.34	63.14	17.58	84.32	-1,339.52	577.85	955.82	874.87	80.95	11.808		
9,100.00	7,085.67	7,046.40	6,941.78	65.85	17.10	82.01	-1,339.16	632.84	962.44	879.77	82.67	11.641		
9,200.00	7,087.62	6,989.25	6,905.13	68.59	16.80	79.80	-1,338.87	676.67	974.32	890.08	84.25	11.565 SF		
9,300.00	7,089.58	6,940.42	6,870.81	71.34	16.60	77.75	-1,338.66	711.37	992.29	906.77	85.52	11.603		
9,400.00	7,091.54	6,900.00	6,840.45	74.11	16.47	75.98	-1,338.49	738.05	1,016.81	930.41	86.41	11.768		
9,500.00	7,093.49	6,862.91	6,811.15	76.90	16.39	74.29	-1,338.36	760.79	1,048.03	961.14	86.89	12.061		
9,600.00	7,095.45	6,832.06	6,785.81	79.69	16.32	72.85	-1,338.26	778.38	1,085.83	998.84	86.99	12.482		
9,700.00	7,097.41	6,800.00	6,758.61	82.50	16.26	71.34	-1,338.16	795.33	1,129.89	1,043.14	86.75	13.025		
9,800.00	7,099.36	6,781.99	6,742.96	85.32	16.24	70.48	-1,338.11	804.25	1,179.69	1,093.46	86.23	13.681		

Offset Design													Offset Site Error:	0.00 usft	
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1															
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+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	-179.47	-60.12	-0.56	60.12						
100.00	100.00	101.00	99.00	3.28	3.28	-179.47	-60.12	-0.56	60.12	52.60	7.53	7.987			
200.00	200.00	201.00	199.00	3.30	3.30	-179.47	-60.12	-0.56	60.12	52.56	7.57	7.944			
264.22	264.21	263.06	263.06	3.33	3.33	-76.88	-60.14	-0.58	60.06	52.44	7.62	7.885	CC, ES		
300.00	300.00	298.43	298.43	3.34	3.34	-76.64	-60.35	-0.90	60.26	52.61	7.65	7.877			
400.00	399.93	397.25	397.19	3.40	3.40	-77.15	-62.22	-3.70	61.37	53.61	7.76	7.907			
500.00	499.68	496.04	495.74	3.49	3.48	-78.08	-65.98	-9.34	63.63	55.71	7.92	8.035			
600.00	599.13	594.78	593.95	3.60	3.58	-79.33	-71.62	-17.80	67.05	58.92	8.13	8.248			
700.00	698.15	693.44	691.67	3.74	3.72	-80.80	-79.13	-29.05	71.66	63.26	8.40	8.530			
800.00	796.63	792.01	788.78	3.93	3.90	-82.38	-88.49	-43.09	77.48	68.73	8.75	8.856			
900.00	894.44	890.47	885.14	4.16	4.12	-83.96	-99.68	-59.87	84.51	75.33	9.18	9.203			
1,000.00	991.54	988.79	980.63	4.44	4.40	-85.36	-112.68	-79.37	92.80	83.08	9.72	9.549			
1,100.00	1,088.51	1,087.32	1,075.49	4.76	4.72	-85.25	-127.46	-101.53	102.45	92.11	10.33	9.916			
1,200.00	1,185.47	1,186.81	1,171.03	5.11	5.10	-84.75	-142.87	-124.63	112.47	101.46	11.02	10.209			
1,300.00	1,282.44	1,286.30	1,266.57	5.48	5.50	-84.33	-158.27	-147.72	122.51	110.76	11.75	10.426			
1,400.00	1,379.40	1,385.80	1,362.11	5.87	5.92	-83.97	-173.67	-170.81	132.55	120.03	12.52	10.585			
1,500.00	1,476.37	1,485.29	1,457.65	6.27	6.37	-83.66	-189.07	-193.90	142.60	129.27	13.32	10.703			
1,600.00	1,573.34	1,584.78	1,553.19	6.69	6.82	-83.40	-204.47	-217.00	152.64	138.49	14.15	10.786			
1,700.00	1,670.30	1,684.27	1,648.73	7.11	7.29	-83.16	-219.87	-240.09	162.70	147.70	15.00	10.846			
1,800.00	1,767.27	1,783.76	1,744.27	7.55	7.59	-82.96	-235.27	-263.18	172.75	157.45	15.30	11.294			
1,900.00	1,864.23	1,883.25	1,839.81	7.42	7.70	-82.77	-250.67	-286.28	182.81	167.52	15.29	11.957			
2,000.00	1,961.20	1,982.74	1,935.36	7.53	7.82	-82.61	-266.07	-309.37	192.86	177.38	15.48	12.456			
2,100.00	2,058.17	2,082.24	2,030.90	7.66	7.97	-82.46	-281.47	-332.46	202.92	187.18	15.74	12.890			
2,200.00	2,155.13	2,181.73	2,126.44	7.82	8.15	-82.33	-296.87	-355.55	212.98	196.92	16.06	13.261			
2,300.00	2,252.10	2,281.22	2,221.98	8.01	8.36	-82.21	-312.28	-378.65	223.04	206.61	16.43	13.572			
2,400.00	2,349.06	2,380.71	2,317.52	8.23	8.61	-82.09	-327.68	-401.74	233.11	216.25	16.86	13.826			
2,500.00	2,446.03	2,480.20	2,413.06	8.47	8.88	-81.99	-343.08	-424.83	243.17	225.83	17.33	14.028			
2,600.00	2,543.00	2,579.69	2,508.60	8.73	9.17	-81.90	-358.48	-447.92	253.23	235.38	17.85	14.185			
2,700.00	2,639.96	2,679.18	2,604.14	9.01	9.49	-81.81	-373.88	-471.02	263.30	244.89	18.41	14.302			
2,800.00	2,736.93	2,778.68	2,699.68	9.30	9.82	-81.73	-389.28	-494.11	273.36	254.36	19.00	14.385			
2,900.00	2,833.89	2,878.17	2,795.23	9.62	10.17	-81.66	-404.68	-517.20	283.43	263.80	19.63	14.439			
3,000.00	2,930.86	2,977.66	2,890.77	9.95	10.54	-81.59	-420.08	-540.30	293.49	273.21	20.29	14.468			
3,100.00	3,027.82	3,077.15	2,986.31	10.29	10.93	-81.52	-435.48	-563.39	303.56	282.59	20.97	14.477			
3,200.00	3,124.79	3,176.64	3,081.85	10.64	11.33	-81.46	-450.88	-586.48	313.63	291.95	21.68	14.469			
3,300.00	3,221.76	3,276.13	3,177.39	11.01	11.74	-81.40	-466.29	-609.57	323.69	301.29	22.41	14.447			
3,400.00	3,318.72	3,375.63	3,272.93	11.39	12.16	-81.35	-481.69	-632.67	333.76	310.61	23.15	14.415			
3,500.00	3,415.69	3,475.12	3,368.47	11.77	12.58	-81.30	-497.09	-655.76	343.83	319.91	23.92	14.374			
3,600.00	3,512.65	3,574.61	3,464.01	12.16	13.02	-81.25	-512.49	-678.85	353.89	329.19	24.70	14.326			
3,700.00	3,609.62	3,674.10	3,559.55	12.56	13.47	-81.21	-527.89	-701.94	363.96	338.46	25.50	14.273			
3,800.00	3,706.59	3,773.59	3,655.09	12.97	13.92	-81.16	-543.29	-725.04	374.03	347.72	26.31	14.217			
3,900.00	3,803.55	3,873.08	3,750.64	13.38	14.38	-81.12	-558.69	-748.13	384.10	356.97	27.13	14.157			
4,000.00	3,900.52	3,972.57	3,846.18	13.80	14.84	-81.08	-574.09	-771.22	394.17	366.20	27.96	14.095			
4,100.00	3,997.48	4,072.07	3,941.72	14.22	15.31	-81.05	-589.49	-794.32	404.24	375.43	28.81	14.032			
4,200.00	4,094.45	4,171.56	4,037.26	14.65	15.79	-81.01	-604.89	-817.41	414.31	384.65	29.66	13.969			
4,300.00	4,191.42	4,271.05	4,132.80	15.08	16.26	-80.98	-620.29	-840.50	424.37	393.86	30.52	13.905			
4,400.00	4,288.38	4,370.54	4,228.34	15.52	16.75	-80.95	-635.70	-863.59	434.44	403.06	31.39	13.841			
4,500.00	4,385.35	4,470.03	4,323.88	15.95	17.23	-80.92	-651.10	-886.69	444.51	412.25	32.26	13.778			
4,600.00	4,482.31	4,569.52	4,419.42	16.40	17.72	-80.89	-666.50	-909.78	454.58	421.44	33.14	13.716			
4,700.00	4,579.28	4,669.01	4,514.96	16.84	18.22	-80.86	-681.90	-932.87	464.65	430.62	34.03	13.654			
4,800.00	4,676.25	4,768.51	4,610.51	17.29	18.71	-80.84	-697.30	-955.97	474.72	439.80	34.92	13.594			
4,900.00	4,773.21	4,868.00	4,706.05	17.74	19.21	-80.81	-712.70	-979.06	484.79	448.97	35.82	13.534			
5,000.00	4,870.18	4,967.49	4,801.59	18.19	19.71	-80.79	-728.10	-1,002.15	494.86	458.14	36.72	13.476			
5,100.00	4,967.14	5,066.98	4,897.13	18.65	20.21	-80.76	-743.50	-1,025.24	504.93	467.30	37.63	13.419			
5,200.00	5,064.11	5,166.47	4,992.67	19.10	20.72	-80.74	-758.90	-1,048.34	515.00	476.46	38.54	13.364			
5,300.00	5,161.07	5,265.96	5,088.21	19.56	21.22	-80.72	-774.30	-1,071.43	525.07	485.62	39.45	13.309			
5,400.00	5,258.04	5,365.45	5,183.75	20.02	21.73	-80.70	-789.71	-1,094.52	535.14	494.77	40.37	13.256			
5,500.00	5,355.01	5,464.95	5,279.29	20.49	22.24	-80.68	-805.11	-1,117.61	545.21	503.92	41.29	13.205			
5,600.00	5,451.97	5,564.44	5,374.83	20.95	22.75	-80.66	-820.51	-1,140.71	555.28	513.07	42.21	13.154			
5,700.00	5,548.94	5,663.93	5,470.38	21.41	23.26	-80.64	-835.91	-1,163.80	565.35	522.21	43.14	13.105			
5,800.00	5,645.90	5,763.42	5,565.92	21.88	23.78	-80.62	-851.31	-1,186.89	575.42	531.35	44.07	13.057			
5,900.00	5,742.87	5,862.91	5,661.46	22.35	24.29	-80.61	-866.71	-1,209.99	585.49	540.49	45.00	13.011			
6,000.00	5,839.84	5,962.40	5,757.00	22.82	24.81	-80.59	-882.11	-1,233.08	595.56	549.63	45.93	12.966			
6,100.00	5,936.80	6,061.90	5,852.54	23.29	25.33	-80.57	-897.51	-1,256.17	605.63	558.76	46.87	12.922			
6,200.00	6,033.77	6,161.39	5,948.08	23.76	25.85	-80.56	-912.91	-1,279.26	615.70	567.90	47.81	12.879			
6,300.00	6,130.73	6,260.88	6,043.62	24.23	26.37	-80.54	-928.31	-1,302.36	625.77	577.03	48.75	12.837			
6,400.00	6,227.70	6,360.37	6,139.16	24.70	26.89	-80.53	-943.71	-1,325.45	635.84	586.16	49.69	12.796			

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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,325.19	6,459.80	6,234.65	25.04	27.41	-73.27	-959.11	-1,348.53	645.72	595.25	50.47	12.795		
6,600.00	6,424.66	6,557.90	6,328.85	25.19	27.92	2.05	-974.29	-1,371.30	654.62	603.80	50.82	12.881		
6,700.00	6,524.02	6,652.23	6,419.43	25.27	28.41	67.75	-988.89	-1,393.17	663.38	612.58	50.80	13.058		
6,800.00	6,620.84	6,745.63	6,510.49	25.32	28.62	79.27	-1,003.57	-1,407.40	673.45	623.06	50.40	13.363		
6,900.00	6,712.73	6,845.01	6,608.50	25.41	28.76	84.77	-1,019.36	-1,407.57	685.07	635.09	49.98	13.708		
7,000.00	6,797.42	6,951.72	6,712.38	25.56	28.84	88.60	-1,036.09	-1,390.56	697.84	648.17	49.68	14.048		
7,100.00	6,872.84	7,067.28	6,820.00	25.86	28.90	91.71	-1,053.41	-1,352.64	711.21	661.57	49.64	14.328		
7,200.00	6,937.12	7,193.20	6,927.43	26.34	28.99	94.38	-1,070.69	-1,289.70	724.32	674.27	50.05	14.472		
7,300.00	6,988.68	7,330.54	7,028.17	27.07	29.22	96.67	-1,086.88	-1,198.17	736.15	684.96	51.19	14.381		
7,400.00	7,026.26	7,479.29	7,112.71	28.05	29.75	98.51	-1,100.45	-1,076.93	745.49	692.12	53.37	13.968		
7,500.00	7,048.92	7,637.60	7,169.64	29.28	30.78	99.75	-1,109.56	-929.93	751.17	694.38	56.79	13.227		
7,600.00	7,056.33	7,804.90	7,189.16	30.70	32.47	100.24	-1,112.65	-774.08	752.31	691.14	61.17	12.299		
7,700.00	7,058.28	7,904.91	7,190.87	32.32	33.79	100.23	-1,112.88	-674.10	751.27	686.92	64.35	11.675		
7,800.00	7,060.24	8,004.91	7,192.57	34.12	35.35	100.23	-1,113.12	-574.12	750.22	682.34	67.88	11.052		
7,900.00	7,062.19	8,104.92	7,194.28	36.08	37.10	100.22	-1,113.35	-474.14	749.17	677.45	71.72	10.445		
8,000.00	7,064.15	8,204.92	7,195.99	38.17	39.03	100.22	-1,113.58	-374.16	748.13	672.30	75.83	9.866		
8,100.00	7,066.11	8,304.93	7,197.69	40.38	41.10	100.21	-1,113.82	-274.18	747.08	666.94	80.14	9.322		
8,200.00	7,068.06	8,404.93	7,199.40	42.68	43.29	100.21	-1,114.05	-174.20	746.04	661.39	84.65	8.813		
8,300.00	7,070.02	8,504.94	7,201.10	45.06	45.58	100.20	-1,114.29	-74.22	744.99	655.68	89.31	8.342		
8,400.00	7,071.97	8,604.94	7,202.81	47.50	47.95	100.20	-1,114.52	25.76	743.94	649.84	94.11	7.905		
8,500.00	7,073.93	8,704.95	7,204.52	50.01	50.39	100.19	-1,114.76	125.74	742.90	643.88	99.02	7.503		
8,600.00	7,075.89	8,804.96	7,206.22	52.56	52.89	100.19	-1,114.99	225.72	741.85	637.83	104.02	7.132		
8,700.00	7,077.84	8,904.96	7,207.93	55.16	55.44	100.18	-1,115.23	325.70	740.80	631.69	109.12	6.789		
8,800.00	7,079.80	9,004.97	7,209.63	57.79	58.03	100.18	-1,115.46	425.68	739.76	625.48	114.28	6.473		
8,900.00	7,081.76	9,104.97	7,211.34	60.45	60.66	100.17	-1,115.70	525.66	738.71	619.20	119.51	6.181		
9,000.00	7,083.71	9,204.98	7,213.05	63.14	63.31	100.17	-1,115.93	625.64	737.67	612.87	124.79	5.911		
9,100.00	7,085.67	9,304.98	7,214.75	65.85	66.00	100.16	-1,116.16	725.62	736.62	606.49	130.13	5.661		
9,200.00	7,087.62	9,404.99	7,216.46	68.59	68.71	100.16	-1,116.40	825.60	735.57	600.07	135.50	5.429		
9,300.00	7,089.58	9,504.99	7,218.16	71.34	71.44	100.15	-1,116.63	925.58	734.53	593.61	140.92	5.213		
9,400.00	7,091.54	9,605.00	7,219.87	74.11	74.19	100.15	-1,116.87	1,025.56	733.48	587.12	146.36	5.011		
9,500.00	7,093.49	9,705.00	7,221.58	76.90	76.95	100.14	-1,117.10	1,125.54	732.43	580.59	151.84	4.824		
9,600.00	7,095.45	9,805.01	7,223.28	79.69	79.73	100.14	-1,117.34	1,225.52	731.39	574.04	157.35	4.648		
9,700.00	7,097.41	9,905.02	7,224.99	82.50	82.53	100.13	-1,117.57	1,325.50	730.34	567.47	162.88	4.484		
9,800.00	7,099.36	10,005.02	7,226.69	85.32	85.33	100.13	-1,117.81	1,425.47	729.30	560.87	168.43	4.330		
9,900.00	7,101.32	10,105.03	7,228.40	88.15	88.15	100.12	-1,118.04	1,525.45	728.25	554.25	174.00	4.185		
10,000.00	7,103.27	10,205.03	7,230.11	90.99	90.97	100.12	-1,118.28	1,625.43	727.20	547.62	179.59	4.049		
10,100.00	7,105.23	10,305.04	7,231.81	93.84	93.80	100.11	-1,118.51	1,725.41	726.16	540.96	185.19	3.921		
10,200.00	7,107.19	10,405.04	7,233.52	96.69	96.65	100.10	-1,118.74	1,825.39	725.11	534.30	190.81	3.800		
10,300.00	7,109.14	10,505.05	7,235.22	99.55	99.49	100.10	-1,118.98	1,925.37	724.06	527.62	196.45	3.686		
10,400.00	7,111.10	10,605.05	7,236.93	102.42	102.35	100.09	-1,119.21	2,025.35	723.02	520.92	202.10	3.578		
10,500.00	7,113.06	10,705.06	7,238.64	105.29	105.21	100.09	-1,119.45	2,125.33	721.97	514.22	207.75	3.475		
10,600.00	7,115.01	10,794.94	7,240.34	108.17	107.79	100.08	-1,119.68	2,225.31	720.93	507.79	213.14	3.382		
10,700.00	7,116.97	10,905.07	7,242.05	111.05	110.95	100.08	-1,119.92	2,325.29	719.88	500.78	219.10	3.286		
10,800.00	7,118.92	11,005.08	7,243.75	113.94	113.83	100.07	-1,120.15	2,425.27	718.83	494.04	224.79	3.198		
10,900.00	7,120.88	11,105.08	7,245.46	116.83	116.71	100.07	-1,120.39	2,525.25	717.79	487.30	230.49	3.114		
11,000.00	7,122.84	11,205.09	7,247.17	119.72	119.59	100.06	-1,120.62	2,625.23	716.74	480.55	236.19	3.035		
11,100.00	7,124.79	11,305.09	7,248.87	122.62	122.48	100.06	-1,120.85	2,725.21	715.70	473.79	241.90	2.959		
11,200.00	7,126.75	11,405.10	7,250.58	125.52	125.38	100.05	-1,121.09	2,825.19	714.65	467.03	247.62	2.886		
11,300.00	7,128.70	11,505.10	7,252.28	128.42	128.27	100.04	-1,121.32	2,925.17	713.60	460.25	253.35	2.817		
11,400.00	7,130.66	11,605.11	7,253.99	131.33	131.17	100.04	-1,121.56	3,025.15	712.56	453.48	259.08	2.750		
11,500.00	7,132.62	11,705.11	7,255.70	134.24	134.07	100.03	-1,121.79	3,125.13	711.51	446.69	264.82	2.687		
11,600.00	7,134.57	11,805.12	7,257.40	137.15	136.98	100.03	-1,122.03	3,225.11	710.46	439.91	270.56	2.626		
11,700.00	7,136.53	11,905.13	7,259.11	140.06	139.88	100.02	-1,122.26	3,325.09	709.42	433.11	276.30	2.568		
11,800.00	7,138.49	12,005.13	7,260.81	142.98	142.79	100.02	-1,122.50	3,425.07	708.37	426.32	282.06	2.511		
11,900.00	7,140.44	12,105.13	7,262.52	145.89	145.71	100.01	-1,122.73	3,525.05	707.89	420.09	287.81	2.460		
12,000.00	7,142.40	12,205.13	7,264.23	148.80	148.62	99.99	-1,122.97	3,625.04	707.50	413.93	293.58	2.410		
12,100.00	7,144.36	12,294.87	7,265.93	151.72	151.23	99.98	-1,123.20	3,725.02	707.11	408.06	299.05	2.365		
12,200.00	7,146.32	12,405.14	7,267.64	154.65	154.45	99.96	-1,123.43	3,825.00	706.72	401.60	305.12	2.316		
12,300.00	7,148.28	12,505.14	7,269.35	157.57	157.37	99.95	-1,123.67	3,924.99	706.33	395.43	310.90	2.272		
12,400.00	7,150.23	12,605.14	7,271.05	160.49	160.29	99.93	-1,123.90	4,024.97	705.94	389.26	316.68	2.229		
12,500.00	7,152.19	12,705.14	7,272.76	163.42	163.21	99.92	-1,124.14	4,124.96	705.55	383.08	322.47	2.188		
12,600.00	7,154.15	12,805.14	7,274.46	166.35	166.14	99.90	-1,124.37	4,224.94	705.16	376.91	328.25	2.148		
12,700.00	7,156.11	12,905.14	7,276.17	169.28	169.06	99.89	-1,124.61	4,324.93	704.77	370.72	334.05	2.110		
12,800.00	7,158.07	13,005.14	7,277.88	172.21	171.99	99.87	-1,124.84	4,424.91	704.38	364.54	339.84	2.073		
12,900.00	7,160.02	13,105.14	7,279.58	175.14	174.92	99.86	-1,125.08	4,524.89	703.99	358.35	345.64	2.037		
13,000.00	7,161.98	13,194.86	7,281.29	178.07	177.54	99.84	-1,125.31	4,624.88	703.60	352.16	351.14	2.004		

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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,100.00	7,163.94	13,305.14	7,282.99	181.00	180.77	99.83	-1,125.55	4,724.86	703.21	345.97	357.24	1.968		
13,200.00	7,165.90	13,405.15	7,284.70	183.94	183.71	99.81	-1,125.78	4,824.85	702.82	339.77	363.05	1.936		
13,300.00	7,167.85	13,505.15	7,286.41	186.87	186.64	99.80	-1,126.01	4,924.83	702.43	333.57	368.85	1.904		
13,400.00	7,169.81	13,605.15	7,288.11	189.81	189.57	99.78	-1,126.25	5,024.82	702.04	327.37	374.66	1.874		
13,500.00	7,171.77	13,694.85	7,289.82	192.75	192.20	99.77	-1,126.48	5,124.80	701.65	321.47	380.18	1.846		
13,600.00	7,173.73	13,805.15	7,291.52	195.68	195.44	99.75	-1,126.72	5,224.78	701.26	314.97	386.29	1.815		
13,700.00	7,175.69	13,905.15	7,293.23	198.62	198.38	99.74	-1,126.95	5,324.77	700.87	308.76	392.11	1.787		
13,800.00	7,177.64	14,005.15	7,294.94	201.56	201.31	99.72	-1,127.19	5,424.75	700.48	302.55	397.93	1.760		
13,900.00	7,179.60	14,105.15	7,296.64	204.50	204.25	99.70	-1,127.42	5,524.74	700.09	296.34	403.75	1.734		
14,000.00	7,181.56	14,205.15	7,298.35	207.44	207.19	99.69	-1,127.66	5,624.72	699.70	290.13	409.57	1.708		
14,100.00	7,183.52	14,305.15	7,300.05	210.39	210.13	99.67	-1,127.89	5,724.71	699.31	283.91	415.39	1.683		
14,200.00	7,185.48	14,405.15	7,301.76	213.33	213.07	99.66	-1,128.12	5,824.69	698.92	277.70	421.22	1.659		
14,300.00	7,187.43	14,505.16	7,303.47	216.27	216.01	99.64	-1,128.36	5,924.67	698.53	271.48	427.05	1.636		
14,400.00	7,189.39	14,605.16	7,305.17	219.21	218.95	99.63	-1,128.59	6,024.66	698.14	265.26	432.88	1.613		
14,500.00	7,191.35	14,705.16	7,306.88	222.16	221.89	99.61	-1,128.83	6,124.64	697.75	259.04	438.71	1.590		
14,600.00	7,193.31	14,805.16	7,308.59	225.10	224.83	99.60	-1,129.06	6,224.63	697.36	252.82	444.54	1.569		
14,700.00	7,195.27	14,905.16	7,310.29	228.05	227.77	99.58	-1,129.30	6,324.61	696.97	246.60	450.38	1.548		
14,800.00	7,197.22	15,005.16	7,312.00	230.99	230.72	99.56	-1,129.53	6,424.59	696.58	240.37	456.21	1.527		
14,900.00	7,199.18	15,105.16	7,313.70	233.94	233.66	99.55	-1,129.77	6,524.58	696.19	234.14	462.05	1.507		
15,000.00	7,201.14	15,205.16	7,315.41	236.88	236.60	99.53	-1,130.00	6,624.56	695.80	227.92	467.89	1.487 Level 3		
15,100.00	7,203.10	15,305.16	7,317.12	239.83	239.55	99.52	-1,130.24	6,724.55	695.42	221.69	473.73	1.468 Level 3		
15,200.00	7,205.06	15,405.16	7,318.82	242.78	242.49	99.50	-1,130.47	6,824.53	695.03	215.46	479.57	1.449 Level 3		
15,300.00	7,207.01	15,505.16	7,320.53	245.73	245.44	99.49	-1,130.70	6,924.52	694.64	209.23	485.41	1.431 Level 3		
15,400.00	7,208.97	15,605.17	7,322.23	248.67	248.38	99.47	-1,130.94	7,024.50	694.25	202.99	491.26	1.413 Level 3		
15,500.00	7,210.93	15,705.17	7,323.94	251.62	251.33	99.45	-1,131.17	7,124.48	693.86	196.76	497.10	1.396 Level 3		
15,600.00	7,212.89	15,805.17	7,325.65	254.57	254.28	99.44	-1,131.41	7,224.47	693.47	190.52	502.95	1.379 Level 3		
15,700.00	7,214.85	15,905.17	7,327.35	257.52	257.22	99.42	-1,131.64	7,324.45	693.08	184.29	508.80	1.362 Level 3		
15,800.00	7,216.80	16,005.17	7,329.06	260.47	260.17	99.41	-1,131.88	7,424.44	692.69	178.05	514.64	1.346 Level 3		
15,900.00	7,218.76	16,105.17	7,330.76	263.42	263.12	99.39	-1,132.11	7,524.42	692.30	171.81	520.49	1.330 Level 3		
16,000.00	7,220.72	16,205.17	7,332.47	266.37	266.07	99.38	-1,132.35	7,624.41	691.92	165.57	526.35	1.315 Level 3		
16,100.00	7,222.68	16,305.17	7,334.18	269.32	269.02	99.36	-1,132.58	7,724.39	691.53	159.33	532.20	1.299 Level 3		
16,200.00	7,224.64	16,405.17	7,335.88	272.27	271.97	99.34	-1,132.82	7,824.37	691.14	153.09	538.05	1.285 Level 3		
16,300.00	7,226.59	16,505.17	7,337.59	275.22	274.91	99.33	-1,133.05	7,924.36	690.75	146.84	543.91	1.270 Level 3		
16,400.00	7,228.55	16,605.18	7,339.30	278.17	277.86	99.31	-1,133.28	8,024.34	690.36	140.60	549.76	1.256 Level 3		
16,500.00	7,230.51	16,694.82	7,341.00	281.13	280.51	99.30	-1,133.52	8,124.33	689.97	134.66	555.32	1.242 Level 2		
16,600.00	7,232.47	16,805.18	7,342.71	284.08	283.76	99.28	-1,133.75	8,224.31	689.58	128.11	561.47	1.228 Level 2		
16,700.00	7,234.43	16,905.18	7,344.41	287.03	286.71	99.26	-1,133.99	8,324.30	689.20	121.86	567.33	1.215 Level 2		
16,800.00	7,236.38	17,005.18	7,346.12	289.98	289.66	99.25	-1,134.22	8,424.28	688.81	115.61	573.19	1.202 Level 2		
16,900.00	7,238.34	17,105.18	7,347.83	292.94	292.62	99.23	-1,134.46	8,524.26	688.42	109.37	579.05	1.189 Level 2		
17,000.00	7,240.30	17,205.18	7,349.53	295.89	295.57	99.22	-1,134.69	8,624.25	688.03	103.12	584.91	1.176 Level 2		
17,100.00	7,242.26	17,305.18	7,351.24	298.84	298.52	99.20	-1,134.93	8,724.23	687.64	96.87	590.78	1.164 Level 2		
17,200.00	7,244.21	17,405.18	7,352.94	301.79	301.47	99.18	-1,135.16	8,824.22	687.25	90.61	596.64	1.152 Level 2		
17,300.00	7,246.17	17,505.18	7,354.65	304.75	304.42	99.17	-1,135.39	8,924.20	686.87	84.36	602.50	1.140 Level 2		
17,400.00	7,248.13	17,605.18	7,356.36	307.70	307.37	99.15	-1,135.63	9,024.18	686.48	78.11	608.37	1.128 Level 2		
17,500.00	7,250.09	17,694.82	7,358.06	310.66	310.02	99.14	-1,135.86	9,124.17	686.09	72.16	613.93	1.118 Level 2		
17,546.55	7,251.00	17,741.36	7,358.86	312.03	311.39	99.13	-1,135.97	9,170.71	685.91	69.25	616.66	1.112 Level 2, SF		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L2 - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft	
Reference				Offset				Semi Major Axis		Distance				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		
8,100.00	7,066.11	6,950.00	6,935.15	40.38	15.76	83.51	-1,538.62	-43.26	1,188.80	1,132.77	56.02	21.220		
8,200.00	7,068.06	6,981.35	6,963.39	42.68	15.81	84.88	-1,539.32	-29.67	1,172.27	1,113.62	58.66	19.985		
8,300.00	7,070.02	7,024.05	7,000.71	45.06	15.88	86.70	-1,540.24	-8.97	1,162.58	1,101.30	61.28	18.972		
8,400.00	7,071.97	7,078.34	7,046.03	47.50	15.99	88.91	-1,541.35	20.89	1,159.23	1,095.38	63.85	18.155		
8,408.41	7,072.14	7,083.57	7,050.25	47.72	16.00	89.12	-1,541.46	23.97	1,159.21	1,095.14	64.07	18.093		
8,500.00	7,073.93	7,148.50	7,100.52	50.01	16.16	91.56	-1,542.68	65.00	1,161.27	1,094.87	66.40	17.489		
8,600.00	7,075.89	7,239.94	7,163.69	52.56	16.53	94.60	-1,544.18	131.00	1,167.12	1,098.04	69.08	16.896		
8,700.00	7,077.84	7,358.16	7,230.22	55.16	17.41	97.75	-1,545.72	228.50	1,174.46	1,102.24	72.22	16.262		
8,800.00	7,079.80	7,504.74	7,285.94	57.79	19.22	100.31	-1,546.92	363.72	1,180.28	1,103.92	76.35	15.458		
8,900.00	7,081.76	7,670.96	7,309.93	60.45	22.15	101.32	-1,547.26	527.72	1,181.66	1,099.90	81.77	14.452		
9,000.00	7,083.71	7,773.50	7,310.47	63.14	24.27	101.26	-1,547.09	630.26	1,180.00	1,093.51	86.49	13.643		
9,100.00	7,085.67	7,873.48	7,310.97	65.85	26.49	101.21	-1,546.93	730.24	1,178.33	1,086.98	91.35	12.900		
9,200.00	7,087.62	7,973.46	7,311.47	68.59	28.85	101.15	-1,546.77	830.22	1,176.66	1,080.30	96.35	12.212		
9,300.00	7,089.58	8,073.44	7,311.97	71.34	31.31	101.09	-1,546.61	930.20	1,174.99	1,073.50	101.49	11.578		
9,400.00	7,091.54	8,173.42	7,312.46	74.11	33.85	101.04	-1,546.45	1,030.18	1,173.32	1,066.61	106.72	10.994		
9,500.00	7,093.49	8,273.40	7,312.96	76.90	36.46	100.98	-1,546.29	1,130.15	1,171.66	1,059.63	112.03	10.458		
9,600.00	7,095.45	8,373.38	7,313.46	79.69	39.12	100.92	-1,546.14	1,230.13	1,170.00	1,052.59	117.41	9.965		
9,700.00	7,097.41	8,473.36	7,313.95	82.50	41.81	100.87	-1,545.98	1,330.11	1,168.33	1,045.49	122.84	9.511		
9,800.00	7,099.36	8,573.34	7,314.45	85.32	44.55	100.81	-1,545.82	1,430.09	1,166.67	1,038.35	128.32	9.092		
9,900.00	7,101.32	8,673.32	7,314.95	88.15	47.30	100.75	-1,545.66	1,530.07	1,165.01	1,031.17	133.84	8.704		
10,000.00	7,103.27	8,773.30	7,315.45	90.99	50.09	100.69	-1,545.50	1,630.04	1,163.35	1,023.96	139.39	8.346		
10,100.00	7,105.23	8,873.28	7,315.94	93.84	52.89	100.64	-1,545.34	1,730.02	1,161.69	1,016.72	144.98	8.013		
10,200.00	7,107.19	8,973.26	7,316.44	96.69	55.71	100.58	-1,545.18	1,830.00	1,160.04	1,009.45	150.58	7.704		
10,300.00	7,109.14	9,073.24	7,316.94	99.55	58.54	100.52	-1,545.02	1,929.98	1,158.38	1,002.17	156.21	7.415		
10,400.00	7,111.10	9,173.22	7,317.43	102.42	61.39	100.46	-1,544.86	2,029.96	1,156.73	994.86	161.86	7.146		
10,500.00	7,113.06	9,273.20	7,317.93	105.29	64.24	100.40	-1,544.70	2,129.93	1,155.07	987.54	167.53	6.895		
10,600.00	7,115.01	9,373.17	7,318.43	108.17	67.11	100.34	-1,544.54	2,229.91	1,153.42	980.20	173.22	6.659		
10,700.00	7,116.97	9,473.15	7,318.93	111.05	69.98	100.29	-1,544.38	2,329.89	1,151.77	972.85	178.92	6.437		
10,800.00	7,118.92	9,573.13	7,319.42	113.94	72.86	100.23	-1,544.22	2,429.87	1,150.12	965.49	184.63	6.229		
10,900.00	7,120.88	9,673.11	7,319.92	116.83	75.75	100.17	-1,544.06	2,529.85	1,148.47	958.12	190.36	6.033		
11,000.00	7,122.84	9,773.09	7,320.42	119.72	78.64	100.11	-1,543.90	2,629.82	1,146.82	950.73	196.09	5.848		
11,100.00	7,124.79	9,873.07	7,320.91	122.62	81.53	100.05	-1,543.74	2,729.80	1,145.18	943.34	201.84	5.674		
11,200.00	7,126.75	9,973.05	7,321.41	125.52	84.44	99.99	-1,543.58	2,829.78	1,143.53	935.94	207.60	5.508		
11,300.00	7,128.70	10,073.03	7,321.91	128.42	87.34	99.93	-1,543.42	2,929.76	1,141.89	928.53	213.36	5.352		
11,400.00	7,130.66	10,173.01	7,322.41	131.33	90.25	99.87	-1,543.26	3,029.74	1,140.25	921.11	219.13	5.203		
11,500.00	7,132.62	10,272.99	7,322.90	134.24	93.16	99.81	-1,543.10	3,129.71	1,138.61	913.69	224.92	5.062		
11,600.00	7,134.57	10,372.97	7,323.40	137.15	96.08	99.75	-1,542.94	3,229.69	1,136.97	906.26	230.70	4.928		
11,700.00	7,136.53	10,472.95	7,323.90	140.06	99.00	99.69	-1,542.78	3,329.67	1,135.33	898.83	236.50	4.801		
11,800.00	7,138.49	10,572.93	7,324.39	142.98	101.92	99.63	-1,542.62	3,429.65	1,133.69	891.39	242.30	4.679		
11,900.00	7,140.44	10,672.91	7,324.89	145.89	104.84	99.57	-1,542.46	3,529.63	1,132.02	884.52	248.10	4.565		
12,000.00	7,142.40	10,772.90	7,325.39	148.80	107.77	99.50	-1,542.30	3,629.62	1,131.65	877.73	253.92	4.457		
12,100.00	7,144.36	10,872.89	7,325.89	151.72	110.70	99.44	-1,542.15	3,729.60	1,130.67	870.93	259.74	4.353		
12,200.00	7,146.32	10,972.87	7,326.38	154.65	113.63	99.37	-1,541.99	3,829.59	1,129.69	864.13	265.57	4.254		
12,300.00	7,148.28	11,072.86	7,326.88	157.57	116.56	99.30	-1,541.83	3,929.57	1,128.72	857.32	271.40	4.159		
12,400.00	7,150.23	11,172.85	7,327.38	160.49	119.49	99.23	-1,541.67	4,029.56	1,127.75	850.51	277.24	4.068		
12,500.00	7,152.19	11,272.83	7,327.87	163.42	122.42	99.17	-1,541.51	4,129.54	1,126.78	843.70	283.08	3.980		
12,600.00	7,154.15	11,372.82	7,328.37	166.35	125.36	99.10	-1,541.35	4,229.53	1,125.81	836.88	288.92	3.897		
12,700.00	7,156.11	11,472.81	7,328.87	169.28	128.30	99.03	-1,541.19	4,329.51	1,124.84	830.07	294.77	3.816		
12,800.00	7,158.07	11,572.79	7,329.37	172.21	131.23	98.96	-1,541.03	4,429.50	1,123.87	823.25	300.63	3.738		
12,900.00	7,160.02	11,672.78	7,329.86	175.14	134.17	98.90	-1,540.87	4,529.48	1,122.91	816.42	306.49	3.664		
13,000.00	7,161.98	11,772.76	7,330.36	178.07	137.11	98.83	-1,540.71	4,629.47	1,121.95	809.60	312.35	3.592		
13,100.00	7,163.94	11,872.75	7,330.86	181.00	140.05	98.76	-1,540.55	4,729.46	1,120.99	802.77	318.21	3.523		
13,200.00	7,165.90	11,972.74	7,331.36	183.94	142.99	98.69	-1,540.39	4,829.44	1,120.03	795.94	324.08	3.456		
13,300.00	7,167.85	12,072.72	7,331.85	186.87	145.94	98.63	-1,540.23	4,929.43	1,119.07	789.11	329.95	3.392		
13,400.00	7,169.81	12,172.71	7,332.35	189.81	148.88	98.56	-1,540.07	5,029.41	1,118.11	782.28	335.83	3.329		
13,500.00	7,171.77	12,272.70	7,332.85	192.75	151.82	98.49	-1,539.91	5,129.40	1,117.16	775.45	341.71	3.269		
13,600.00	7,173.73	12,372.68	7,333.34	195.68	154.77	98.42	-1,539.75	5,229.38	1,116.20	768.61	347.59	3.211		
13,700.00	7,175.69	12,472.67	7,333.84	198.62	157.71	98.35	-1,539.59	5,329.37	1,115.25	761.78	353.47	3.155		
13,800.00	7,177.64	12,572.66	7,334.34	201.56	160.66	98.28	-1,539.43	5,429.35	1,114.30	754.94	359.36	3.101		
13,900.00	7,179.60	12,672.64	7,334.84	204.50	163.61	98.21	-1,539.27	5,529.34	1,113.35	748.10	365.25	3.048		
14,000.00	7,181.56	12,772.63	7,335.33	207.44	166.55	98.14	-1,539.11	5,629.32	1,112.41	741.26	371.14	2.997		
14,100.00	7,183.52	12,872.62	7,335.83	210.39	169.50	98.08	-1,538.95	5,729.31	1,111.46	734.42	377.04	2.948		
14,200.00	7,185.48	12,972.60	7,336.33	213.33	172.45	98.01	-1,538.79	5,829.29	1,110.52	727.58	382.94	2.900		
14,300.00	7,187.43	13,072.59	7,336.82	216.27	175.40	97.94	-1,538.63	5,929.28	1,109.58	720.74	388.84	2.854		
14,400.00	7,189.39	13,172.58	7,337.32	219.21	178.35	97.87	-1,538.47	6,029.26	1,108.64	713.89	394.74	2.809		
14,500.00	7,191.35	13,272.56	7,337.82	222.16	181.30	97.80	-1,538.31	6,129.25	1,107.70	707.05	400.65	2.765		

Offset Design										5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L2 - Wellbore #1 - Design #1			Offset Site Error:	0.00 usft
Survey Program:										0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1			Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor	
14,600.00	7,193.31	13,372.55	7,338.32	225.10	184.25	97.73	-1,538.16	6,229.23	1,106.76	700.21	406.55	2.722		
14,700.00	7,195.27	13,472.54	7,338.81	228.05	187.20	97.66	-1,538.00	6,329.22	1,105.82	693.36	412.46	2.681		
14,800.00	7,197.22	13,572.52	7,339.31	230.99	190.15	97.59	-1,537.84	6,429.20	1,104.89	686.52	418.37	2.641		
14,900.00	7,199.18	13,672.51	7,339.81	233.94	193.10	97.52	-1,537.68	6,529.19	1,103.96	679.67	424.29	2.602		
15,000.00	7,201.14	13,772.50	7,340.30	236.88	196.05	97.45	-1,537.52	6,629.17	1,103.03	672.82	430.20	2.564		
15,100.00	7,203.10	13,872.48	7,340.80	239.83	199.00	97.38	-1,537.36	6,729.16	1,102.10	665.98	436.12	2.527		
15,200.00	7,205.06	13,972.47	7,341.30	242.78	201.96	97.31	-1,537.20	6,829.14	1,101.17	659.13	442.04	2.491		
15,300.00	7,207.01	14,072.46	7,341.80	245.73	204.91	97.24	-1,537.04	6,929.13	1,100.25	652.28	447.96	2.456		
15,400.00	7,208.97	14,172.44	7,342.29	248.67	207.86	97.17	-1,536.88	7,029.11	1,099.32	645.44	453.89	2.422		
15,500.00	7,210.93	14,272.43	7,342.79	251.62	210.81	97.10	-1,536.72	7,129.10	1,098.40	638.59	459.81	2.389		
15,600.00	7,212.89	14,372.42	7,343.29	254.57	213.77	97.03	-1,536.56	7,229.08	1,097.48	631.74	465.74	2.356		
15,700.00	7,214.85	14,472.40	7,343.78	257.52	216.72	96.95	-1,536.40	7,329.07	1,096.56	624.89	471.67	2.325		
15,800.00	7,216.80	14,572.39	7,344.28	260.47	219.67	96.88	-1,536.24	7,429.06	1,095.64	618.05	477.60	2.294		
15,900.00	7,218.76	14,672.37	7,344.78	263.42	222.63	96.81	-1,536.08	7,529.04	1,094.73	611.20	483.53	2.264		
16,000.00	7,220.72	14,772.36	7,345.28	266.37	225.58	96.74	-1,535.92	7,629.03	1,093.81	604.35	489.46	2.235		
16,100.00	7,222.68	14,872.35	7,345.77	269.32	228.54	96.67	-1,535.76	7,729.01	1,092.90	597.51	495.40	2.206		
16,200.00	7,224.64	14,972.33	7,346.27	272.27	231.49	96.60	-1,535.60	7,829.00	1,091.99	590.66	501.33	2.178		
16,300.00	7,226.59	15,072.32	7,346.77	275.22	234.45	96.53	-1,535.44	7,928.98	1,091.08	583.81	507.27	2.151		
16,400.00	7,228.55	15,172.31	7,347.26	278.17	237.40	96.45	-1,535.28	8,028.97	1,090.18	576.97	513.21	2.124		
16,500.00	7,230.51	15,272.29	7,347.76	281.13	240.36	96.38	-1,535.12	8,128.95	1,089.27	570.12	519.15	2.098		
16,600.00	7,232.47	15,372.28	7,348.26	284.08	243.31	96.31	-1,534.96	8,228.94	1,088.37	563.28	525.09	2.073		
16,700.00	7,234.43	15,472.27	7,348.76	287.03	246.27	96.24	-1,534.80	8,328.92	1,087.46	556.43	531.03	2.048		
16,800.00	7,236.38	15,572.25	7,349.25	289.98	249.22	96.17	-1,534.64	8,428.91	1,086.56	549.59	536.98	2.023		
16,900.00	7,238.34	15,672.24	7,349.75	292.94	252.18	96.09	-1,534.48	8,528.89	1,085.67	542.74	542.92	2.000		
17,000.00	7,240.30	15,772.23	7,350.25	295.89	255.14	96.02	-1,534.32	8,628.88	1,084.77	535.90	548.87	1.976		
17,100.00	7,242.26	15,872.21	7,350.75	298.84	258.09	95.95	-1,534.16	8,728.86	1,083.87	529.06	554.82	1.954		
17,200.00	7,244.21	15,972.20	7,351.24	301.79	261.05	95.88	-1,534.01	8,828.85	1,082.98	522.22	560.76	1.931		
17,300.00	7,246.17	16,072.19	7,351.74	304.75	264.00	95.80	-1,533.85	8,928.83	1,082.09	515.38	566.71	1.909		
17,400.00	7,248.13	16,172.17	7,352.24	307.70	266.96	95.73	-1,533.69	9,028.82	1,081.20	508.54	572.66	1.888		
17,500.00	7,250.09	16,272.16	7,352.73	310.66	269.92	95.66	-1,533.53	9,128.80	1,080.31	501.70	578.61	1.867		
17,546.55	7,251.00	16,318.70	7,352.97	312.03	271.29	95.62	-1,533.45	9,175.35	1,079.90	498.52	581.38	1.857	CC, ES, SF	

Offset Design													Offset Site Error:	0.00 usft
15N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	1.00	-1.00	3.28	3.28	-179.60	-40.07	-0.28	40.07					
100.00	100.00	101.00	99.00	3.28	3.28	-179.60	-40.07	-0.28	40.07	32.55	7.53	5.324		
200.00	200.00	201.00	199.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.50	7.57	5.295		
266.76	266.76	265.66	265.66	3.33	3.33	-77.19	-40.09	-0.32	40.01	32.39	7.62	5.251	CC	
300.00	300.00	298.67	298.67	3.34	3.34	-76.78	-40.27	-0.64	40.17	32.52	7.65	5.251		
400.00	399.93	398.00	397.93	3.40	3.40	-77.30	-41.88	-3.64	41.02	33.26	7.76	5.284		
500.00	499.68	497.31	497.00	3.49	3.48	-78.23	-45.13	-9.67	42.74	34.82	7.92	5.394		
600.00	599.13	596.59	595.75	3.60	3.59	-79.47	-50.00	-18.72	45.34	37.21	8.14	5.573		
700.00	698.15	695.83	694.04	3.74	3.73	-80.90	-56.49	-30.76	48.85	40.43	8.41	5.806		
800.00	796.63	795.02	791.74	3.93	3.91	-82.39	-64.58	-45.79	53.26	44.49	8.77	6.075		
900.00	894.44	894.15	888.73	4.16	4.14	-83.88	-74.26	-63.77	58.58	49.37	9.21	6.359		
1,000.00	991.54	993.20	984.89	4.44	4.41	-85.05	-85.52	-84.68	64.85	55.09	9.76	6.647		
1,100.00	1,088.51	1,107.46	1,080.57	4.76	4.80	-84.28	-98.19	-108.21	72.11	61.68	10.43	6.912		
1,200.00	1,185.47	1,192.25	1,176.49	5.11	5.12	-83.35	-111.10	-132.19	79.54	68.47	11.07	7.186		
1,300.00	1,282.44	1,308.03	1,272.42	5.48	5.59	-82.59	-124.01	-156.17	86.98	75.12	11.87	7.331		
1,400.00	1,379.40	1,391.69	1,368.34	5.87	5.94	-81.94	-136.92	-180.15	94.44	81.87	12.57	7.511		
1,500.00	1,476.37	1,508.60	1,464.27	6.27	6.46	-81.39	-149.84	-204.13	101.91	88.47	13.45	7.579		
1,600.00	1,573.34	1,608.88	1,560.19	6.69	6.91	-80.92	-162.75	-228.11	109.39	95.11	14.28	7.663		
1,700.00	1,670.30	1,709.16	1,656.12	7.11	7.36	-80.50	-175.66	-252.09	116.87	101.77	15.11	7.737		
1,800.00	1,767.27	1,809.45	1,752.04	7.55	7.61	-80.14	-188.57	-276.07	124.36	109.18	15.18	8.193		
1,900.00	1,864.23	1,909.73	1,847.97	7.42	7.70	-79.81	-201.48	-300.05	131.85	116.54	15.31	8.610		
2,000.00	1,961.20	1,989.98	1,943.89	7.53	7.79	-79.53	-214.39	-324.03	139.35	123.86	15.49	8.996		
2,100.00	2,058.17	2,089.70	2,039.82	7.66	7.94	-79.27	-227.30	-348.01	146.85	131.11	15.75	9.327		
2,200.00	2,155.13	2,189.42	2,135.74	7.82	8.12	-79.03	-240.22	-371.99	154.35	138.29	16.06	9.611		
2,300.00	2,252.10	2,289.13	2,231.67	8.01	8.33	-78.82	-253.13	-395.96	161.86	145.43	16.43	9.851		
2,400.00	2,349.06	2,388.85	2,327.59	8.23	8.58	-78.63	-266.04	-419.94	169.37	152.51	16.85	10.050		
2,500.00	2,446.03	2,488.57	2,423.52	8.47	8.84	-78.45	-278.95	-443.92	176.88	159.55	17.32	10.211		
2,600.00	2,543.00	2,588.28	2,519.44	8.73	9.13	-78.29	-291.86	-467.90	184.39	166.55	17.83	10.339		
2,700.00	2,639.96	2,688.00	2,615.37	9.01	9.45	-78.14	-304.77	-491.88	191.90	173.51	18.39	10.437		
2,800.00	2,736.93	2,787.71	2,711.29	9.30	9.78	-78.00	-317.69	-515.86	199.41	180.44	18.97	10.510		
2,900.00	2,833.89	2,887.43	2,807.22	9.62	10.13	-77.87	-330.60	-539.84	206.92	187.33	19.59	10.560		
3,000.00	2,930.86	2,987.15	2,903.14	9.95	10.49	-77.75	-343.51	-563.82	214.44	194.20	20.24	10.593		
3,100.00	3,027.82	3,086.86	2,999.07	10.29	10.88	-77.64	-356.42	-587.80	221.96	201.03	20.92	10.609		
3,200.00	3,124.79	3,186.58	3,094.99	10.64	11.27	-77.54	-369.33	-611.78	229.47	207.85	21.62	10.613		
3,300.00	3,221.76	3,286.30	3,190.92	11.01	11.67	-77.44	-382.24	-635.76	236.99	214.65	22.34	10.607		
3,400.00	3,318.72	3,386.01	3,286.84	11.39	12.09	-77.35	-395.15	-659.74	244.51	221.42	23.08	10.592		
3,500.00	3,415.69	3,485.73	3,382.77	11.77	12.51	-77.26	-408.07	-683.72	252.03	228.18	23.84	10.570		
3,600.00	3,512.65	3,585.44	3,478.69	12.16	12.95	-77.18	-420.98	-707.70	259.54	234.93	24.62	10.543		
3,700.00	3,609.62	3,685.16	3,574.62	12.56	13.39	-77.10	-433.89	-731.68	267.06	241.66	25.41	10.517		
3,800.00	3,706.59	3,784.88	3,670.54	12.97	13.83	-77.03	-446.80	-755.65	274.58	248.38	26.21	10.472		
3,900.00	3,803.55	3,884.59	3,766.47	13.38	14.29	-76.96	-459.71	-779.63	282.11	255.08	27.02	10.440		
4,000.00	3,900.52	3,984.31	3,862.39	13.80	14.75	-76.90	-472.62	-803.61	289.63	261.78	27.85	10.400		
4,100.00	3,997.48	4,084.03	3,958.32	14.22	15.21	-76.84	-485.54	-827.59	297.15	268.47	28.68	10.360		
4,200.00	4,094.45	4,183.74	4,054.24	14.65	15.68	-76.78	-498.45	-851.57	304.67	275.14	29.53	10.319		
4,300.00	4,191.42	4,283.46	4,150.17	15.08	16.15	-76.72	-511.36	-875.55	312.19	281.81	30.38	10.277		
4,400.00	4,288.38	4,383.17	4,246.09	15.52	16.63	-76.67	-524.27	-899.53	319.71	288.48	31.24	10.235		
4,500.00	4,385.35	4,482.89	4,342.02	15.95	17.11	-76.62	-537.18	-923.51	327.23	295.13	32.10	10.194		
4,600.00	4,482.31	4,582.61	4,437.94	16.40	17.60	-76.57	-550.09	-947.49	334.76	301.78	32.97	10.152		
4,700.00	4,579.28	4,682.32	4,533.87	16.84	18.08	-76.53	-563.01	-971.47	342.28	308.43	33.85	10.111		
4,800.00	4,676.25	4,782.04	4,629.79	17.29	18.57	-76.48	-575.92	-995.45	349.80	315.07	34.74	10.070		
4,900.00	4,773.21	4,881.76	4,725.72	17.74	19.07	-76.44	-588.83	-1,019.43	357.33	321.70	35.62	10.031		
5,000.00	4,870.18	4,981.47	4,821.64	18.19	19.56	-76.40	-601.74	-1,043.41	364.85	328.33	36.52	9.991		
5,100.00	4,967.14	5,081.19	4,917.57	18.65	20.06	-76.36	-614.65	-1,067.39	372.37	334.96	37.41	9.953		
5,200.00	5,064.11	5,180.90	5,013.49	19.10	20.56	-76.32	-627.56	-1,091.37	379.90	341.58	38.31	9.915		
5,300.00	5,161.07	5,280.62	5,109.42	19.56	21.06	-76.29	-640.47	-1,115.35	387.42	348.20	39.22	9.878		
5,400.00	5,258.04	5,380.34	5,205.34	20.02	21.56	-76.25	-653.39	-1,139.32	394.95	354.82	40.13	9.842		
5,500.00	5,355.01	5,480.05	5,301.27	20.49	22.07	-76.22	-666.30	-1,163.30	402.47	361.43	41.04	9.807		
5,600.00	5,451.97	5,579.77	5,397.19	20.95	22.57	-76.19	-679.21	-1,187.28	409.99	368.04	41.95	9.773		
5,700.00	5,548.94	5,679.49	5,493.12	21.41	23.08	-76.15	-692.12	-1,211.26	417.52	374.65	42.87	9.739		
5,800.00	5,645.90	5,779.20	5,589.04	21.88	23.59	-76.12	-705.03	-1,235.24	425.04	381.25	43.79	9.706		
5,900.00	5,742.87	5,878.92	5,684.97	22.35	24.10	-76.10	-717.94	-1,259.22	432.57	387.86	44.71	9.674		
6,000.00	5,839.84	5,978.64	5,780.89	22.82	24.61	-76.07	-730.86	-1,283.20	440.09	394.46	45.64	9.643		
6,100.00	5,936.80	6,078.35	5,876.82	23.29	25.12	-76.04	-743.77	-1,307.18	447.62	401.05	46.56	9.613		
6,200.00	6,033.77	6,178.07	5,972.74	23.76	25.64	-76.01	-756.68	-1,331.16	455.14	407.65	47.49	9.584		
6,300.00	6,130.73	6,277.78	6,068.67	24.23	26.15	-75.99	-769.59	-1,355.14	462.67	414.25	48.42	9.555		
6,400.00	6,227.70	6,377.50	6,164.59	24.70	26.67	-75.97	-782.50	-1,379.12	470.19	420.84	49.35	9.527		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,325.19	6,477.04	6,260.85	25.04	27.06	-68.79	-795.46	-1,400.73	477.73	427.67	50.06	9.543	
6,600.00	6,424.66	6,576.50	6,359.02	25.19	27.23	5.27	-808.66	-1,408.49	485.24	434.87	50.37	9.634	
6,700.00	6,524.02	6,676.06	6,457.30	25.27	27.32	68.58	-821.86	-1,400.74	492.55	442.02	50.53	9.747	
6,800.00	6,620.84	6,775.76	6,553.31	25.32	27.38	77.38	-834.74	-1,377.59	499.49	448.84	50.65	9.862	
6,900.00	6,712.73	6,875.62	6,644.70	25.41	27.44	80.19	-847.00	-1,339.54	505.88	455.06	50.82	9.955	
7,000.00	6,797.42	6,975.64	6,729.23	25.56	27.54	81.40	-858.31	-1,287.46	511.57	460.42	51.15	10.001	
7,100.00	6,872.84	7,075.84	6,804.75	25.86	27.74	81.99	-868.41	-1,222.55	516.42	464.65	51.77	9.976	
7,200.00	6,937.12	7,176.21	6,869.36	26.34	28.08	82.31	-877.04	-1,146.37	520.30	467.52	52.78	9.857	
7,300.00	6,988.68	7,276.72	6,921.38	27.07	28.61	82.51	-883.96	-1,060.77	523.12	468.82	54.30	9.634	
7,400.00	7,026.26	7,377.35	6,959.45	28.05	29.38	82.64	-889.00	-967.86	524.82	468.47	56.35	9.313	
7,500.00	7,048.92	7,478.07	6,982.56	29.28	30.39	82.77	-892.03	-869.99	525.34	466.45	58.89	8.920	
7,600.00	7,056.33	7,578.72	6,990.27	30.70	31.62	82.86	-892.98	-769.73	524.69	462.89	61.80	8.490	
7,700.00	7,058.28	7,678.71	6,992.14	32.32	33.07	82.84	-893.16	-669.76	523.63	458.55	65.08	8.046	
7,800.00	7,060.24	7,778.71	6,994.02	34.12	34.73	82.82	-893.33	-569.78	522.57	453.87	68.69	7.607	
7,900.00	7,062.19	7,878.70	6,995.90	36.08	36.57	82.79	-893.50	-469.80	521.50	448.89	72.61	7.182	
8,000.00	7,064.15	7,978.70	6,997.77	38.17	38.57	82.77	-893.67	-369.83	520.44	443.66	76.78	6.778	
8,100.00	7,066.11	8,078.69	6,999.65	40.38	40.70	82.75	-893.85	-269.85	519.38	438.22	81.16	6.399	
8,200.00	7,068.06	8,178.68	7,001.53	42.68	42.93	82.72	-894.02	-169.88	518.32	432.59	85.73	6.046	
8,300.00	7,070.02	8,278.68	7,003.40	45.06	45.26	82.70	-894.19	-69.90	517.26	426.81	90.44	5.719	
8,400.00	7,071.97	8,378.67	7,005.28	47.50	47.66	82.67	-894.36	30.08	516.20	420.91	95.29	5.417	
8,500.00	7,073.93	8,478.67	7,007.16	50.01	50.13	82.65	-894.54	130.05	515.13	414.89	100.25	5.139	
8,600.00	7,075.89	8,578.66	7,009.03	52.56	52.65	82.63	-894.71	230.03	514.07	408.77	105.30	4.882	
8,700.00	7,077.84	8,678.65	7,010.91	55.16	55.22	82.60	-894.88	330.01	513.01	402.58	110.43	4.645	
8,800.00	7,079.80	8,778.65	7,012.79	57.79	57.83	82.58	-895.05	429.98	511.95	396.31	115.64	4.427	
8,900.00	7,081.76	8,878.64	7,014.66	60.45	60.47	82.55	-895.22	529.96	510.89	389.98	120.91	4.226	
9,000.00	7,083.71	8,978.64	7,016.54	63.14	63.14	82.53	-895.40	629.94	509.83	383.60	126.23	4.039	
9,100.00	7,085.67	9,078.63	7,018.42	65.85	65.84	82.50	-895.57	729.91	508.77	377.17	131.59	3.866	
9,200.00	7,087.62	9,178.63	7,020.29	68.59	68.56	82.48	-895.74	829.89	507.71	370.71	137.00	3.706	
9,300.00	7,089.58	9,278.62	7,022.17	71.34	71.30	82.45	-895.91	929.86	506.65	364.20	142.45	3.557	
9,400.00	7,091.54	9,378.61	7,024.05	74.11	74.06	82.43	-896.09	1,029.84	505.59	357.66	147.93	3.418	
9,500.00	7,093.49	9,478.61	7,025.92	76.90	76.83	82.40	-896.26	1,129.82	504.53	351.09	153.43	3.288	
9,600.00	7,095.45	9,578.60	7,027.80	79.69	79.62	82.38	-896.43	1,229.79	503.47	344.50	158.96	3.167	
9,700.00	7,097.41	9,678.60	7,029.68	82.50	82.42	82.35	-896.60	1,329.77	502.41	337.89	164.52	3.054	
9,800.00	7,099.36	9,778.59	7,031.55	85.32	85.23	82.33	-896.78	1,429.75	501.35	331.25	170.10	2.947	
9,900.00	7,101.32	9,878.58	7,033.43	88.15	88.05	82.30	-896.95	1,529.72	500.29	324.60	175.69	2.848	
10,000.00	7,103.27	9,978.58	7,035.31	90.99	90.88	82.28	-897.12	1,629.70	499.23	317.92	181.30	2.754	
10,100.00	7,105.23	10,078.57	7,037.18	93.84	93.72	82.25	-897.29	1,729.68	498.17	311.24	186.93	2.665	
10,200.00	7,107.19	10,178.57	7,039.06	96.69	96.57	82.23	-897.46	1,829.65	497.11	304.54	192.57	2.581	
10,300.00	7,109.14	10,278.56	7,040.94	99.55	99.42	82.20	-897.64	1,929.63	496.05	297.82	198.22	2.502	
10,400.00	7,111.10	10,378.55	7,042.81	102.42	102.28	82.17	-897.81	2,029.60	494.99	291.10	203.89	2.428	
10,500.00	7,113.06	10,478.55	7,044.69	105.29	105.14	82.15	-897.98	2,129.58	493.93	284.37	209.56	2.357	
10,600.00	7,115.01	10,578.54	7,046.57	108.17	108.01	82.12	-898.15	2,229.56	492.87	277.62	215.25	2.290	
10,700.00	7,116.97	10,678.54	7,048.45	111.05	110.89	82.09	-898.33	2,329.53	491.81	270.87	220.94	2.226	
10,800.00	7,118.92	10,778.53	7,050.32	113.94	113.77	82.07	-898.50	2,429.51	490.75	264.11	226.64	2.165	
10,900.00	7,120.88	10,878.53	7,052.20	116.83	116.65	82.04	-898.67	2,529.49	489.69	257.34	232.35	2.108	
11,000.00	7,122.84	10,978.52	7,054.08	119.72	119.54	82.01	-898.84	2,629.46	488.63	250.57	238.07	2.053	
11,100.00	7,124.79	11,078.51	7,055.95	122.62	122.43	81.99	-899.02	2,729.44	487.57	243.79	243.79	2.000	
11,200.00	7,126.75	11,178.51	7,057.83	125.52	125.33	81.96	-899.19	2,829.42	486.52	237.00	249.52	1.950	
11,300.00	7,128.70	11,278.50	7,059.71	128.42	128.23	81.93	-899.36	2,929.39	485.46	230.21	255.25	1.902	
11,400.00	7,130.66	11,378.50	7,061.58	131.33	131.13	81.91	-899.53	3,029.37	484.40	223.41	260.99	1.856	
11,500.00	7,132.62	11,478.49	7,063.46	134.24	134.03	81.88	-899.70	3,129.34	483.34	216.61	266.73	1.812	
11,600.00	7,134.57	11,578.48	7,065.34	137.15	136.94	81.85	-899.88	3,229.32	482.28	209.81	272.47	1.770	
11,700.00	7,136.53	11,678.48	7,067.21	140.06	139.85	81.82	-900.05	3,329.30	481.22	203.00	278.22	1.730	
11,800.00	7,138.49	11,778.47	7,069.09	142.98	142.76	81.80	-900.22	3,429.27	480.17	196.19	283.98	1.691	
11,900.00	7,140.44	11,878.47	7,070.97	145.89	145.67	81.79	-900.39	3,529.25	479.68	189.95	289.73	1.656	
12,000.00	7,142.40	11,978.47	7,072.84	148.80	148.58	81.77	-900.57	3,629.24	479.28	183.78	295.50	1.622	
12,100.00	7,144.36	12,078.47	7,074.72	151.72	151.50	81.75	-900.74	3,729.22	478.88	177.62	301.26	1.590	
12,200.00	7,146.32	12,178.47	7,076.60	154.65	154.42	81.74	-900.91	3,829.20	478.48	171.45	307.04	1.558	
12,300.00	7,148.28	12,278.47	7,078.47	157.57	157.34	81.72	-901.08	3,929.18	478.08	165.27	312.81	1.528	
12,400.00	7,150.23	12,378.47	7,080.35	160.49	160.26	81.70	-901.26	4,029.16	477.69	159.10	318.59	1.499 Level 3	
12,500.00	7,152.19	12,478.47	7,082.23	163.42	163.19	81.69	-901.43	4,129.14	477.29	152.92	324.37	1.471 Level 3	
12,600.00	7,154.15	12,578.46	7,084.10	166.35	166.11	81.67	-901.60	4,229.12	476.89	146.74	330.15	1.444 Level 3	
12,700.00	7,156.11	12,678.46	7,085.98	169.28	169.04	81.65	-901.77	4,329.11	476.49	140.56	335.93	1.418 Level 3	
12,800.00	7,158.07	12,778.46	7,087.86	172.21	171.97	81.64	-901.94	4,429.09	476.09	134.37	341.72	1.393 Level 3	
12,900.00	7,160.02	12,878.46	7,089.74	175.14	174.89	81.62	-902.12	4,529.07	475.69	128.19	347.51	1.369 Level 3	
13,000.00	7,161.98	12,978.46	7,091.61	178.07	177.82	81.60	-902.29	4,629.05	475.30	122.00	353.30	1.345 Level 3	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft	
Reference				Offset		Semi Major Axis			Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	7,163.94	13,078.46	7,093.49	181.00	180.76	81.58	-902.46	4,729.03	474.90	115.81	359.09	1.323	Level 3
13,200.00	7,165.90	13,178.46	7,095.37	183.94	183.69	81.57	-902.63	4,829.01	474.50	109.62	364.88	1.300	Level 3
13,300.00	7,167.85	13,278.46	7,097.24	186.87	186.62	81.55	-902.81	4,928.99	474.10	103.43	370.67	1.279	Level 3
13,400.00	7,169.81	13,378.46	7,099.12	189.81	189.55	81.53	-902.98	5,028.97	473.70	97.23	376.47	1.258	Level 3
13,500.00	7,171.77	13,478.46	7,101.00	192.75	192.49	81.52	-903.15	5,128.96	473.30	91.04	382.27	1.238	Level 2
13,600.00	7,173.73	13,578.46	7,102.87	195.68	195.43	81.50	-903.32	5,228.94	472.91	84.84	388.06	1.219	Level 2
13,700.00	7,175.69	13,678.46	7,104.75	198.62	198.36	81.48	-903.50	5,328.92	472.51	78.65	393.86	1.200	Level 2
13,800.00	7,177.64	13,778.45	7,106.63	201.56	201.30	81.46	-903.67	5,428.90	472.11	72.45	399.66	1.181	Level 2
13,900.00	7,179.60	13,878.45	7,108.50	204.50	204.24	81.45	-903.84	5,528.88	471.71	66.25	405.46	1.163	Level 2
14,000.00	7,181.56	13,978.45	7,110.38	207.44	207.18	81.43	-904.01	5,628.86	471.32	60.05	411.26	1.146	Level 2
14,100.00	7,183.52	14,078.45	7,112.26	210.39	210.12	81.41	-904.18	5,728.84	470.92	53.85	417.06	1.129	Level 2
14,200.00	7,185.48	14,178.45	7,114.13	213.33	213.06	81.40	-904.36	5,828.83	470.52	47.65	422.87	1.113	Level 2
14,300.00	7,187.43	14,278.45	7,116.01	216.27	216.00	81.38	-904.53	5,928.81	470.12	41.45	428.67	1.097	Level 2
14,400.00	7,189.39	14,378.45	7,117.89	219.21	218.94	81.36	-904.70	6,028.79	469.72	35.25	434.48	1.081	Level 2
14,500.00	7,191.35	14,478.45	7,119.77	222.16	221.88	81.34	-904.87	6,128.77	469.33	29.05	440.28	1.066	Level 2
14,600.00	7,193.31	14,578.45	7,121.64	225.10	224.82	81.33	-905.05	6,228.75	468.93	22.84	446.09	1.051	Level 2
14,700.00	7,195.27	14,678.45	7,123.52	228.05	227.77	81.31	-905.22	6,328.73	468.53	16.64	451.89	1.037	Level 2
14,800.00	7,197.22	14,778.45	7,125.40	230.99	230.71	81.29	-905.39	6,428.71	468.13	10.44	457.70	1.023	Level 2
14,900.00	7,199.18	14,878.44	7,127.27	233.94	233.65	81.27	-905.56	6,528.69	467.74	4.23	463.50	1.009	Level 2
15,000.00	7,201.14	14,978.44	7,129.15	236.88	236.60	81.26	-905.74	6,628.68	467.34	-1.97	469.31	0.996	Level 1
15,100.00	7,203.10	15,078.44	7,131.03	239.83	239.54	81.24	-905.91	6,728.66	466.94	-8.18	475.12	0.983	Level 1
15,200.00	7,205.06	15,178.44	7,132.90	242.78	242.49	81.22	-906.08	6,828.64	466.54	-14.38	480.93	0.970	Level 1
15,300.00	7,207.01	15,278.44	7,134.78	245.73	245.43	81.20	-906.25	6,928.62	466.15	-20.59	486.73	0.958	Level 1
15,400.00	7,208.97	15,378.44	7,136.66	248.67	248.38	81.19	-906.42	7,028.60	465.75	-26.79	492.54	0.946	Level 1
15,500.00	7,210.93	15,478.44	7,138.53	251.62	251.33	81.17	-906.60	7,128.58	465.35	-33.00	498.35	0.934	Level 1
15,600.00	7,212.89	15,578.44	7,140.41	254.57	254.27	81.15	-906.77	7,228.56	464.96	-39.20	504.16	0.922	Level 1
15,700.00	7,214.85	15,678.44	7,142.29	257.52	257.22	81.13	-906.94	7,328.55	464.56	-45.41	509.97	0.911	Level 1
15,800.00	7,216.80	15,778.44	7,144.16	260.47	260.17	81.12	-907.11	7,428.53	464.16	-51.62	515.78	0.900	Level 1
15,900.00	7,218.76	15,878.44	7,146.04	263.42	263.12	81.10	-907.29	7,528.51	463.76	-57.82	521.59	0.889	Level 1
16,000.00	7,220.72	15,978.43	7,147.92	266.37	266.07	81.08	-907.46	7,628.49	463.37	-64.03	527.39	0.879	Level 1
16,100.00	7,222.68	16,078.43	7,149.80	269.32	269.02	81.06	-907.63	7,728.47	462.97	-70.23	533.20	0.868	Level 1
16,200.00	7,224.64	16,178.43	7,151.67	272.27	271.96	81.04	-907.80	7,828.45	462.57	-76.44	539.01	0.858	Level 1
16,300.00	7,226.59	16,278.43	7,153.55	275.22	274.91	81.03	-907.98	7,928.43	462.18	-82.64	544.82	0.848	Level 1
16,400.00	7,228.55	16,378.43	7,155.43	278.17	277.86	81.01	-908.15	8,028.42	461.78	-88.85	550.63	0.839	Level 1
16,500.00	7,230.51	16,478.43	7,157.30	281.13	280.81	80.99	-908.32	8,128.40	461.38	-95.05	556.44	0.829	Level 1
16,600.00	7,232.47	16,578.43	7,159.18	284.08	283.76	80.97	-908.49	8,228.38	460.99	-101.26	562.25	0.820	Level 1
16,700.00	7,234.43	16,678.43	7,161.06	287.03	286.71	80.95	-908.66	8,328.36	460.59	-107.47	568.05	0.811	Level 1
16,800.00	7,236.38	16,778.43	7,162.93	289.98	289.67	80.94	-908.84	8,428.34	460.19	-113.67	573.86	0.802	Level 1
16,900.00	7,238.34	16,878.43	7,164.81	292.94	292.62	80.92	-909.01	8,528.32	459.80	-119.87	579.67	0.793	Level 1
17,000.00	7,240.30	16,978.43	7,166.69	295.89	295.57	80.90	-909.18	8,628.30	459.40	-126.08	585.48	0.785	Level 1
17,100.00	7,242.26	17,078.42	7,168.56	298.84	298.52	80.88	-909.35	8,728.28	459.00	-132.28	591.29	0.776	Level 1
17,200.00	7,244.21	17,178.42	7,170.44	301.79	301.47	80.86	-909.53	8,828.27	458.61	-138.49	597.09	0.768	Level 1
17,300.00	7,246.17	17,278.42	7,172.32	304.75	304.42	80.84	-909.70	8,928.25	458.21	-144.69	602.90	0.760	Level 1
17,400.00	7,248.13	17,378.42	7,174.19	307.70	307.38	80.83	-909.87	9,028.23	457.81	-150.90	608.71	0.752	Level 1
17,500.00	7,250.09	17,478.42	7,176.07	310.66	310.33	80.81	-910.04	9,128.21	457.42	-157.10	614.52	0.744	Level 1
17,546.55	7,251.00	17,524.97	7,176.95	312.03	311.70	80.80	-910.12	9,174.75	457.23	-159.99	617.22	0.741	Level 1, ES, SF

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference				Offset				Semi Major Axis			Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
7,700.00	7,058.28	6,750.00	6,735.48	32.32	15.02	70.86	-1,336.09	-44.37	1,191.45	1,147.29	44.16	26.982			
7,800.00	7,060.24	6,783.15	6,764.99	34.12	15.09	72.44	-1,335.99	-29.27	1,140.67	1,094.33	46.34	24.614			
7,900.00	7,062.19	6,810.27	6,788.52	36.08	15.15	73.71	-1,335.90	-15.79	1,095.61	1,046.83	48.78	22.459			
8,000.00	7,064.15	6,841.63	6,814.99	38.17	15.22	75.16	-1,335.80	1.03	1,056.65	1,005.17	51.48	20.525			
8,100.00	7,066.11	6,878.14	6,844.71	40.38	15.33	76.82	-1,335.68	22.22	1,024.09	969.71	54.38	18.833			
8,200.00	7,068.06	6,920.85	6,877.87	42.68	15.48	78.68	-1,335.54	49.12	998.05	940.64	57.41	17.385			
8,300.00	7,070.02	6,970.99	6,914.39	45.06	15.69	80.76	-1,335.36	83.46	978.37	917.85	60.52	16.165			
8,400.00	7,071.97	7,029.88	6,953.68	47.50	16.02	83.02	-1,335.16	127.30	964.57	900.87	63.70	15.142			
8,500.00	7,073.93	7,098.72	6,994.23	50.01	16.53	85.37	-1,334.92	182.89	955.79	888.81	66.97	14.271			
8,600.00	7,075.89	7,178.22	7,033.27	52.56	17.35	87.63	-1,334.64	252.07	950.82	880.35	70.46	13.494			
8,700.00	7,077.84	7,267.98	7,066.61	55.16	18.53	89.54	-1,334.33	335.34	948.25	873.99	74.26	12.769			
8,800.00	7,079.80	7,365.95	7,089.25	57.79	20.13	90.80	-1,334.00	430.56	946.73	868.24	78.48	12.063			
8,900.00	7,081.76	7,468.00	7,097.07	60.45	22.06	91.15	-1,333.69	532.20	945.27	862.20	83.07	11.380			
9,000.00	7,083.71	7,567.98	7,097.92	63.14	24.17	91.09	-1,333.40	632.18	943.70	855.83	87.87	10.740			
9,100.00	7,085.67	7,667.96	7,098.78	65.85	26.43	91.02	-1,333.11	732.16	942.13	849.29	92.85	10.147			
9,200.00	7,087.62	7,767.95	7,099.63	68.59	28.82	90.96	-1,332.81	832.13	940.57	842.60	97.97	9.601			
9,300.00	7,089.58	7,867.93	7,100.49	71.34	31.31	90.89	-1,332.52	932.11	939.00	835.79	103.21	9.098			
9,400.00	7,091.54	7,967.91	7,101.34	74.11	33.87	90.83	-1,332.23	1,032.09	937.44	828.89	108.55	8.636			
9,500.00	7,093.49	8,067.89	7,102.19	76.90	36.49	90.76	-1,331.93	1,132.07	935.88	821.92	113.96	8.213			
9,600.00	7,095.45	8,167.87	7,103.05	79.69	39.17	90.69	-1,331.64	1,232.05	934.32	814.89	119.43	7.823			
9,700.00	7,097.41	8,267.86	7,103.90	82.50	41.88	90.63	-1,331.34	1,332.02	932.76	807.81	124.95	7.465			
9,800.00	7,099.36	8,367.84	7,104.76	85.32	44.62	90.56	-1,331.05	1,432.00	931.20	800.69	130.52	7.135			
9,900.00	7,101.32	8,467.82	7,105.61	88.15	47.39	90.49	-1,330.76	1,531.98	929.65	793.53	136.12	6.830			
10,000.00	7,103.27	8,567.80	7,106.47	90.99	50.18	90.43	-1,330.46	1,631.96	928.09	786.34	141.75	6.547			
10,100.00	7,105.23	8,667.78	7,107.32	93.84	52.99	90.36	-1,330.17	1,731.94	926.54	779.13	147.41	6.286			
10,200.00	7,107.19	8,767.77	7,108.18	96.69	55.82	90.29	-1,329.88	1,831.91	924.98	771.90	153.09	6.042			
10,300.00	7,109.14	8,867.75	7,109.03	99.55	58.66	90.22	-1,329.58	1,931.89	923.43	764.65	158.79	5.816			
10,400.00	7,111.10	8,967.73	7,109.89	102.42	61.51	90.16	-1,329.29	2,031.87	921.88	757.38	164.50	5.604			
10,500.00	7,113.06	9,067.71	7,110.74	105.29	64.37	90.09	-1,329.00	2,131.85	920.33	750.10	170.24	5.406			
10,600.00	7,115.01	9,167.69	7,111.60	108.17	67.24	90.02	-1,328.70	2,231.82	918.79	742.80	175.98	5.221			
10,700.00	7,116.97	9,267.68	7,112.45	111.05	70.12	89.95	-1,328.41	2,331.80	917.24	735.50	181.74	5.047			
10,800.00	7,118.92	9,367.66	7,113.31	113.94	73.00	89.88	-1,328.12	2,431.78	915.70	728.18	187.51	4.883			
10,900.00	7,120.88	9,467.64	7,114.16	116.83	75.89	89.81	-1,327.82	2,531.76	914.15	720.86	193.29	4.729			
11,000.00	7,122.84	9,567.62	7,115.02	119.72	78.79	89.74	-1,327.53	2,631.74	912.61	713.53	199.08	4.584			
11,100.00	7,124.79	9,667.60	7,115.87	122.62	81.69	89.67	-1,327.24	2,731.71	911.07	706.19	204.88	4.447			
11,200.00	7,126.75	9,767.59	7,116.72	125.52	84.59	89.60	-1,326.94	2,831.69	909.53	698.85	210.68	4.317			
11,300.00	7,128.70	9,867.57	7,117.58	128.42	87.50	89.53	-1,326.65	2,931.67	907.99	691.50	216.49	4.194			
11,400.00	7,130.66	9,967.55	7,118.43	131.33	90.41	89.46	-1,326.36	3,031.65	906.45	684.15	222.30	4.078			
11,500.00	7,132.62	10,067.53	7,119.29	134.24	93.33	89.39	-1,326.06	3,131.63	904.92	676.80	228.12	3.967			
11,600.00	7,134.57	10,167.51	7,120.14	137.15	96.24	89.32	-1,325.77	3,231.60	903.39	669.44	233.95	3.861			
11,700.00	7,136.53	10,267.50	7,121.00	140.06	99.17	89.25	-1,325.48	3,331.58	901.85	662.07	239.78	3.761			
11,800.00	7,138.49	10,367.48	7,121.85	142.98	102.09	89.18	-1,325.18	3,431.56	900.32	654.71	245.61	3.666			
11,900.00	7,140.44	10,467.47	7,122.71	145.89	105.01	89.12	-1,324.89	3,531.54	898.79	647.33	251.44	3.577			
12,000.00	7,142.40	10,567.46	7,123.56	148.80	107.94	89.04	-1,324.59	3,631.53	898.51	641.22	257.28	3.492			
12,100.00	7,144.36	10,667.45	7,124.42	151.72	110.87	88.97	-1,324.30	3,731.52	897.65	634.52	263.12	3.411			
12,200.00	7,146.32	10,767.44	7,125.27	154.65	113.80	88.90	-1,324.01	3,831.50	896.79	627.82	268.97	3.334			
12,300.00	7,148.28	10,867.43	7,126.13	157.57	116.73	88.83	-1,323.71	3,931.49	895.93	621.11	274.82	3.260			
12,400.00	7,150.23	10,967.42	7,126.98	160.49	119.67	88.76	-1,323.42	4,031.47	895.07	614.40	280.67	3.189			
12,500.00	7,152.19	11,067.41	7,127.84	163.42	122.60	88.69	-1,323.13	4,131.46	894.21	607.69	286.52	3.121			
12,600.00	7,154.15	11,167.40	7,128.69	166.35	125.54	88.61	-1,322.83	4,231.45	893.36	600.98	292.38	3.056			
12,700.00	7,156.11	11,267.39	7,129.55	169.28	128.48	88.54	-1,322.54	4,331.43	892.51	594.28	298.23	2.993			
12,800.00	7,158.07	11,367.38	7,130.40	172.21	131.41	88.47	-1,322.25	4,431.42	891.66	587.57	304.09	2.932			
12,900.00	7,160.02	11,467.37	7,131.26	175.14	134.35	88.40	-1,321.95	4,531.40	890.81	580.86	309.95	2.874			
13,000.00	7,161.98	11,567.36	7,132.11	178.07	137.30	88.32	-1,321.66	4,631.39	889.96	574.15	315.81	2.818			
13,100.00	7,163.94	11,667.35	7,132.96	181.00	140.24	88.25	-1,321.37	4,731.38	889.11	567.44	321.67	2.764			
13,200.00	7,165.90	11,767.34	7,133.82	183.94	143.18	88.18	-1,321.07	4,831.36	888.26	560.73	327.53	2.712			
13,300.00	7,167.85	11,867.33	7,134.67	186.87	146.12	88.11	-1,320.78	4,931.35	887.42	554.03	333.39	2.662			
13,400.00	7,169.81	11,967.32	7,135.53	189.81	149.07	88.03	-1,320.49	5,031.33	886.58	547.32	339.26	2.613			
13,500.00	7,171.77	12,067.31	7,136.38	192.75	152.01	87.96	-1,320.19	5,131.32	885.74	540.61	345.12	2.566			
13,600.00	7,173.73	12,167.30	7,137.24	195.68	154.96	87.89	-1,319.90	5,231.31	884.90	533.91	350.98	2.521			
13,700.00	7,175.69	12,267.29	7,138.09	198.62	157.90	87.81	-1,319.60	5,331.29	884.06	527.21	356.85	2.477			
13,800.00	7,177.64	12,367.28	7,138.95	201.56	160.85	87.74	-1,319.31	5,431.28	883.22	520.51	362.71	2.435			
13,900.00	7,179.60	12,467.27	7,139.80	204.50	163.80	87.66	-1,319.02	5,531.26	882.38	513.81	368.58	2.394			
14,000.00	7,181.56	12,567.26	7,140.66	207.44	166.74	87.59	-1,318.72	5,631.25	881.55	507.11	374.44	2.354			
14,100.00	7,183.52	12,667.25	7,141.51	210.39	169.69	87.52	-1,318.43	5,731.24	880.72	500.41	380.31	2.316			
14,200.00	7,185.48	12,767.24	7,142.37	213.33	172.64	87.44	-1,318.14	5,831.22	879.89	493.71	386.17	2.278			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)
14,300.00	7,187.43	12,867.23	7,143.22	216.27	175.59	87.37	-1,317.84	5,931.21	879.06	487.02	392.04	2.242
14,400.00	7,189.39	12,967.22	7,144.08	219.21	178.54	87.29	-1,317.55	6,031.19	878.23	480.33	397.90	2.207
14,500.00	7,191.35	13,067.21	7,144.93	222.16	181.49	87.22	-1,317.26	6,131.18	877.40	473.64	403.77	2.173
14,600.00	7,193.31	13,167.20	7,145.79	225.10	184.44	87.14	-1,316.96	6,231.17	876.58	466.95	409.63	2.140
14,700.00	7,195.27	13,267.19	7,146.64	228.05	187.39	87.07	-1,316.67	6,331.15	875.75	460.26	415.49	2.108
14,800.00	7,197.22	13,367.18	7,147.50	230.99	190.34	86.99	-1,316.38	6,431.14	874.93	453.58	421.36	2.076
14,900.00	7,199.18	13,467.17	7,148.35	233.94	193.29	86.92	-1,316.08	6,531.12	874.11	446.89	427.22	2.046
15,000.00	7,201.14	13,567.16	7,149.21	236.88	196.24	86.84	-1,315.79	6,631.11	873.29	440.21	433.08	2.016
15,100.00	7,203.10	13,667.15	7,150.06	239.83	199.20	86.77	-1,315.50	6,731.10	872.47	433.54	438.94	1.988
15,200.00	7,205.06	13,767.14	7,150.91	242.78	202.15	86.69	-1,315.20	6,831.08	871.66	426.86	444.80	1.960
15,300.00	7,207.01	13,867.13	7,151.77	245.73	205.10	86.62	-1,314.91	6,931.07	870.84	420.19	450.66	1.932
15,400.00	7,208.97	13,967.12	7,152.62	248.67	208.05	86.54	-1,314.62	7,031.05	870.03	413.52	456.51	1.906
15,500.00	7,210.93	14,067.11	7,153.48	251.62	211.01	86.46	-1,314.32	7,131.04	869.22	406.85	462.37	1.880
15,600.00	7,212.89	14,167.10	7,154.33	254.57	213.96	86.39	-1,314.03	7,231.02	868.41	400.18	468.22	1.855
15,700.00	7,214.85	14,267.09	7,155.19	257.52	216.91	86.31	-1,313.73	7,331.01	867.60	393.52	474.08	1.830
15,800.00	7,216.80	14,367.08	7,156.04	260.47	219.87	86.24	-1,313.44	7,431.00	866.79	386.86	479.93	1.806
15,900.00	7,218.76	14,467.07	7,156.90	263.42	222.82	86.16	-1,313.15	7,530.98	865.99	380.20	485.78	1.783
16,000.00	7,220.72	14,567.06	7,157.75	266.37	225.78	86.08	-1,312.85	7,630.97	865.18	373.55	491.63	1.760
16,100.00	7,222.68	14,667.05	7,158.61	269.32	228.73	86.01	-1,312.56	7,730.95	864.38	366.90	497.48	1.738
16,200.00	7,224.64	14,767.04	7,159.46	272.27	231.69	85.93	-1,312.27	7,830.94	863.58	360.25	503.33	1.716
16,300.00	7,226.59	14,867.03	7,160.32	275.22	234.64	85.85	-1,311.97	7,930.93	862.78	353.61	509.18	1.694
16,400.00	7,228.55	14,967.02	7,161.17	278.17	237.60	85.77	-1,311.68	8,030.91	861.98	346.96	515.02	1.674
16,500.00	7,230.51	15,067.01	7,162.03	281.13	240.55	85.70	-1,311.39	8,130.90	861.19	340.32	520.86	1.653
16,600.00	7,232.47	15,167.00	7,162.88	284.08	243.51	85.62	-1,311.09	8,230.88	860.39	333.69	526.70	1.634
16,700.00	7,234.43	15,266.99	7,163.74	287.03	246.46	85.54	-1,310.80	8,330.87	859.60	327.06	532.54	1.614
16,800.00	7,236.38	15,366.98	7,164.59	289.98	249.42	85.46	-1,310.51	8,430.86	858.81	320.43	538.38	1.595
16,900.00	7,238.34	15,466.97	7,165.45	292.94	252.37	85.38	-1,310.21	8,530.84	858.02	313.80	544.22	1.577
17,000.00	7,240.30	15,566.96	7,166.30	295.89	255.33	85.31	-1,309.92	8,630.83	857.23	307.18	550.05	1.558
17,100.00	7,242.26	15,666.95	7,167.16	298.84	258.29	85.23	-1,309.63	8,730.81	856.44	300.56	555.88	1.541
17,200.00	7,244.21	15,766.94	7,168.01	301.79	261.24	85.15	-1,309.33	8,830.80	855.66	293.95	561.71	1.523
17,300.00	7,246.17	15,866.93	7,168.86	304.75	264.20	85.07	-1,309.04	8,930.79	854.88	287.33	567.54	1.506
17,400.00	7,248.13	15,966.92	7,169.72	307.70	267.15	84.99	-1,308.75	9,030.77	854.09	280.73	573.37	1.490 Level 3
17,500.00	7,250.09	16,066.91	7,170.57	310.66	270.11	84.91	-1,308.45	9,130.76	853.31	274.12	579.19	1.473 Level 3
17,546.55	7,251.00	16,113.45	7,170.97	312.03	271.49	84.88	-1,308.32	9,177.30	852.95	271.05	581.90	1.466 Level 3, CC, ES, SF

Offset Design												Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1												Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													
Reference		Offset		Semi Major Axis			Distance		Minimum Separation		Separation Factor		Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	0.53	59.74	0.56	59.75				
100.00	100.00	100.00	100.00	3.28	3.28	0.53	59.74	0.56	59.75	52.22	7.53	7.938	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	59.74	0.56	59.75	52.18	7.57	7.894	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	59.74	0.56	59.75	52.18	7.57	7.894	CC, ES
300.00	300.00	299.90	299.90	3.34	3.34	103.42	59.79	0.12	59.89	52.24	7.65	7.827	
400.00	399.93	399.69	399.62	3.40	3.41	103.33	60.15	-3.33	61.03	53.26	7.77	7.854	
500.00	499.68	499.45	499.14	3.49	3.49	103.16	60.88	-10.24	63.32	55.38	7.94	7.976	
600.00	599.13	599.17	598.30	3.60	3.60	102.92	61.97	-20.58	66.74	58.58	8.16	8.178	
700.00	698.15	698.82	696.98	3.74	3.75	102.64	63.41	-34.34	71.30	62.85	8.45	8.440	
800.00	796.63	798.38	795.03	3.93	3.93	102.32	65.21	-51.48	76.98	68.17	8.81	8.737	
900.00	894.44	897.84	892.33	4.16	4.15	101.99	67.37	-71.98	83.79	74.53	9.26	9.045	
1,000.00	991.54	1,002.57	989.17	4.44	4.44	102.02	69.80	-95.10	91.55	81.73	9.83	9.318	
1,100.00	1,088.51	1,102.89	1,086.06	4.76	4.75	102.34	72.25	-118.41	99.46	89.01	10.45	9.520	
1,200.00	1,185.47	1,203.20	1,182.95	5.11	5.09	102.61	74.70	-141.72	107.37	96.25	11.12	9.654	
1,300.00	1,282.44	1,303.52	1,279.84	5.48	5.45	102.85	77.15	-165.03	115.28	103.44	11.84	9.738	
1,400.00	1,379.40	1,403.83	1,376.73	5.87	5.82	103.05	79.60	-188.34	123.20	110.61	12.59	9.784	
1,500.00	1,476.37	1,504.15	1,473.62	6.27	6.21	103.23	82.05	-211.66	131.11	117.74	13.37	9.805	
1,600.00	1,573.34	1,604.46	1,570.51	6.69	6.61	103.39	84.50	-234.97	139.03	124.85	14.18	9.807	
1,700.00	1,670.30	1,704.78	1,667.40	7.11	7.01	103.53	86.95	-258.28	146.94	131.95	14.99	9.801	
1,800.00	1,767.27	1,805.09	1,764.29	7.55	7.23	103.66	89.40	-281.59	154.86	139.80	15.07	10.279	
1,900.00	1,864.23	1,905.41	1,861.18	7.42	7.30	103.78	91.85	-304.90	162.78	147.58	15.20	10.709	
2,000.00	1,961.20	2,005.72	1,958.07	7.53	7.40	103.88	94.30	-328.22	170.70	155.30	15.40	11.087	
2,100.00	2,058.17	2,106.03	2,054.96	7.66	7.53	103.98	96.75	-351.53	178.62	162.97	15.65	11.412	
2,200.00	2,155.13	2,206.35	2,151.85	7.82	7.68	104.06	99.20	-374.84	186.54	170.58	15.96	11.686	
2,300.00	2,252.10	2,306.66	2,248.74	8.01	7.86	104.15	101.65	-398.15	194.46	178.13	16.33	11.911	
2,400.00	2,349.06	2,393.02	2,345.63	8.23	8.04	104.22	104.10	-421.46	202.38	185.67	16.71	12.112	
2,500.00	2,446.03	2,507.29	2,442.52	8.47	8.30	104.29	106.55	-444.77	210.30	193.11	17.20	12.229	
2,600.00	2,543.00	2,607.61	2,539.41	8.73	8.55	104.35	109.00	-468.09	218.22	200.53	17.70	12.332	
2,700.00	2,639.96	2,707.92	2,636.30	9.01	8.81	104.41	111.45	-491.40	226.15	207.91	18.23	12.402	
2,800.00	2,736.93	2,808.24	2,733.19	9.30	9.10	104.47	113.90	-514.71	234.07	215.26	18.81	12.446	
2,900.00	2,833.89	2,908.55	2,830.09	9.62	9.40	104.52	116.35	-538.02	241.99	222.58	19.41	12.467	
3,000.00	2,930.86	3,008.86	2,926.98	9.95	9.72	104.56	118.80	-561.33	249.91	229.87	20.04	12.469	
3,100.00	3,027.82	3,109.18	3,023.87	10.29	10.04	104.61	121.25	-584.65	257.84	237.13	20.70	12.455	
3,200.00	3,124.79	3,209.49	3,120.76	10.64	10.38	104.65	123.70	-607.96	265.76	244.37	21.38	12.428	
3,300.00	3,221.76	3,309.81	3,217.65	11.01	10.73	104.69	126.15	-631.27	273.68	251.59	22.09	12.391	
3,400.00	3,318.72	3,389.88	3,314.54	11.39	11.02	104.73	128.60	-654.58	281.60	258.87	22.74	12.385	
3,500.00	3,415.69	3,489.56	3,411.43	11.77	11.38	104.77	131.05	-677.89	289.53	266.05	23.47	12.335	
3,600.00	3,512.65	3,589.25	3,508.32	12.16	11.76	104.80	133.50	-701.20	297.45	273.23	24.22	12.279	
3,700.00	3,609.62	3,688.93	3,605.21	12.56	12.14	104.83	135.95	-724.52	305.37	280.38	24.99	12.220	
3,800.00	3,706.59	3,788.62	3,702.10	12.97	12.52	104.86	138.40	-747.83	313.30	287.53	25.77	12.158	
3,900.00	3,803.55	3,888.30	3,798.99	13.38	12.91	104.89	140.85	-771.14	321.22	294.66	26.56	12.094	
4,000.00	3,900.52	3,987.99	3,895.88	13.80	13.31	104.92	143.30	-794.45	329.14	301.78	27.36	12.029	
4,100.00	3,997.48	4,087.68	3,992.77	14.22	13.71	104.95	145.75	-817.76	337.07	308.89	28.17	11.964	
4,200.00	4,094.45	4,187.36	4,089.66	14.65	14.12	104.97	148.20	-841.08	344.99	316.00	28.99	11.898	
4,300.00	4,191.42	4,287.05	4,186.55	15.08	14.53	104.99	150.65	-864.39	352.91	323.09	29.82	11.833	
4,400.00	4,288.38	4,386.73	4,283.44	15.52	14.94	105.02	153.10	-887.70	360.84	330.18	30.66	11.769	
4,500.00	4,385.35	4,486.42	4,380.33	15.95	15.36	105.04	155.55	-911.01	368.76	337.26	31.50	11.705	
4,600.00	4,482.31	4,586.10	4,477.22	16.40	15.78	105.06	158.00	-934.32	376.69	344.33	32.35	11.643	
4,700.00	4,579.28	4,685.79	4,574.11	16.84	16.21	105.08	160.45	-957.63	384.61	351.40	33.21	11.581	
4,800.00	4,676.25	4,785.47	4,671.00	17.29	16.64	105.10	162.91	-980.95	392.53	358.46	34.07	11.521	
4,900.00	4,773.21	4,885.16	4,767.89	17.74	17.07	105.12	165.36	-1,004.26	400.46	365.52	34.94	11.462	
5,000.00	4,870.18	4,984.84	4,864.78	18.19	17.50	105.14	167.81	-1,027.57	408.38	372.57	35.81	11.405	
5,100.00	4,967.14	5,084.53	4,961.67	18.65	17.93	105.15	170.26	-1,050.88	416.31	379.62	36.68	11.349	
5,200.00	5,064.11	5,184.22	5,058.56	19.10	18.37	105.17	172.71	-1,074.19	424.23	386.67	37.56	11.294	
5,300.00	5,161.07	5,283.90	5,155.45	19.56	18.81	105.19	175.16	-1,097.51	432.15	393.71	38.45	11.241	
5,400.00	5,258.04	5,383.59	5,252.35	20.02	19.25	105.20	177.61	-1,120.82	440.08	400.75	39.33	11.189	
5,500.00	5,355.01	5,483.27	5,349.24	20.49	19.69	105.22	180.06	-1,144.13	448.00	407.78	40.22	11.138	
5,600.00	5,451.97	5,582.96	5,446.13	20.95	20.13	105.23	182.51	-1,167.44	455.93	414.81	41.11	11.089	
5,700.00	5,548.94	5,682.64	5,543.02	21.41	20.58	105.24	184.96	-1,190.75	463.85	421.84	42.01	11.041	
5,800.00	5,645.90	5,782.33	5,639.91	21.88	21.02	105.26	187.41	-1,214.07	471.78	428.87	42.91	10.995	
5,900.00	5,742.87	5,882.01	5,736.80	22.35	21.47	105.27	189.86	-1,237.38	479.70	435.89	43.81	10.950	
6,000.00	5,839.84	5,981.70	5,833.69	22.82	21.92	105.28	192.31	-1,260.69	487.62	442.91	44.71	10.906	
6,100.00	5,936.80	6,081.39	5,930.58	23.29	22.37	105.29	194.76	-1,284.00	495.55	449.93	45.62	10.863	
6,200.00	6,033.77	6,181.07	6,027.47	23.76	22.82	105.31	197.21	-1,307.31	503.47	456.95	46.53	10.821	
6,300.00	6,130.73	6,280.76	6,124.36	24.23	23.27	105.32	199.66	-1,330.62	511.40	463.96	47.43	10.781	
6,400.00	6,227.70	6,380.44	6,221.25	24.70	23.72	105.33	202.11	-1,353.94	519.32	470.98	48.35	10.742	

Offset Design												Offset Site Error:	0.00 usft		
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1												Offset Well Error:	3.28 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1															
Reference				Offset				Semi Major Axis		Distance					
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,500.00	6,325.19	6,480.06	6,318.07	25.04	24.17	112.98	204.56	-1,377.23	527.19	478.03	49.15	10.725			
6,600.00	6,424.66	6,577.78	6,413.23	25.19	24.55	-173.30	206.96	-1,399.30	534.94	485.16	49.78	10.747			
6,700.00	6,524.02	6,675.44	6,510.19	25.27	24.72	-110.65	209.40	-1,409.90	543.34	493.22	50.12	10.840			
6,800.00	6,620.84	6,776.13	6,610.63	25.32	24.82	-102.53	211.89	-1,405.19	552.36	502.01	50.35	10.970			
6,900.00	6,712.73	6,880.15	6,712.27	25.41	24.89	-100.38	214.40	-1,383.77	561.74	511.19	50.54	11.114			
7,000.00	6,797.42	6,987.73	6,812.27	25.56	24.98	-99.81	216.83	-1,344.53	571.15	520.35	50.80	11.243			
7,100.00	6,872.84	7,099.02	6,907.25	25.86	25.18	-99.81	219.12	-1,286.83	580.24	529.00	51.24	11.324			
7,200.00	6,937.12	7,213.98	6,993.28	26.34	25.58	-100.02	221.16	-1,210.84	588.60	536.57	52.03	11.314			
7,300.00	6,988.68	7,332.35	7,066.11	27.07	26.28	-100.28	222.84	-1,117.76	595.83	542.51	53.32	11.175			
7,400.00	7,026.26	7,453.62	7,121.57	28.05	27.36	-100.48	224.07	-1,010.13	601.57	546.32	55.25	10.889			
7,500.00	7,048.92	7,576.99	7,156.05	29.28	28.86	-100.57	224.76	-891.88	605.50	547.65	57.85	10.467			
7,600.00	7,056.33	7,702.19	7,167.30	30.70	30.67	-100.54	224.86	-771.75	607.43	546.43	61.01	9.957			
7,700.00	7,058.28	7,802.20	7,169.33	32.32	32.33	-100.53	224.77	-671.78	608.59	544.32	64.27	9.470			
7,800.00	7,060.24	7,902.20	7,171.35	34.12	34.16	-100.52	224.68	-571.80	609.74	541.86	67.88	8.983			
7,900.00	7,062.19	8,002.21	7,173.38	36.08	36.15	-100.50	224.58	-471.83	610.89	539.11	71.78	8.510			
8,000.00	7,064.15	8,102.22	7,175.41	38.17	38.26	-100.49	224.49	-371.86	612.04	536.10	75.94	8.059			
8,100.00	7,066.11	8,202.22	7,177.44	40.38	40.47	-100.48	224.39	-271.89	613.20	532.89	80.31	7.635			
8,200.00	7,068.06	8,302.23	7,179.47	42.68	42.78	-100.46	224.30	-171.91	614.35	529.49	84.86	7.240			
8,300.00	7,070.02	8,402.24	7,181.50	45.06	45.17	-100.45	224.21	-71.94	615.50	525.95	89.56	6.873			
8,400.00	7,071.97	8,502.24	7,183.52	47.50	47.62	-100.44	224.11	28.03	616.65	522.27	94.38	6.534			
8,500.00	7,073.93	8,602.25	7,185.55	50.01	50.12	-100.42	224.02	128.00	617.81	518.49	99.32	6.220			
8,600.00	7,075.89	8,702.26	7,187.58	52.56	52.67	-100.41	223.93	227.98	618.96	514.61	104.35	5.932			
8,700.00	7,077.84	8,802.26	7,189.61	55.16	55.27	-100.40	223.83	327.95	620.11	510.65	109.46	5.665			
8,800.00	7,079.80	8,902.27	7,191.64	57.79	57.90	-100.39	223.74	427.92	621.27	506.62	114.65	5.419			
8,900.00	7,081.76	9,002.28	7,193.67	60.45	60.56	-100.37	223.65	527.89	622.42	502.53	119.89	5.192			
9,000.00	7,083.71	9,102.28	7,195.70	63.14	63.24	-100.36	223.55	627.87	623.57	498.38	125.19	4.981			
9,100.00	7,085.67	9,202.29	7,197.72	65.85	65.95	-100.35	223.46	727.84	624.73	494.19	130.53	4.786			
9,200.00	7,087.62	9,302.30	7,199.75	68.59	68.69	-100.34	223.36	827.81	625.88	489.96	135.92	4.605			
9,300.00	7,089.58	9,402.30	7,201.78	71.34	71.44	-100.32	223.27	927.78	627.03	485.69	141.34	4.436			
9,400.00	7,091.54	9,502.31	7,203.81	74.11	74.20	-100.31	223.18	1,027.76	628.18	481.39	146.80	4.279			
9,500.00	7,093.49	9,602.32	7,205.84	76.90	76.98	-100.30	223.08	1,127.73	629.34	477.05	152.28	4.133			
9,600.00	7,095.45	9,702.32	7,207.87	79.69	79.78	-100.29	222.99	1,227.70	630.49	472.69	157.80	3.996			
9,700.00	7,097.41	9,802.33	7,209.89	82.50	82.58	-100.27	222.90	1,327.68	631.64	468.31	163.33	3.867			
9,800.00	7,099.36	9,902.34	7,211.92	85.32	85.40	-100.26	222.80	1,427.65	632.80	463.91	168.89	3.747			
9,900.00	7,101.32	10,002.34	7,213.95	88.15	88.23	-100.25	222.71	1,527.62	633.95	459.49	174.46	3.634			
10,000.00	7,103.27	10,102.35	7,215.98	90.99	91.06	-100.24	222.62	1,627.59	635.10	455.05	180.06	3.527			
10,100.00	7,105.23	10,202.36	7,218.01	93.84	93.90	-100.23	222.52	1,727.57	636.26	450.59	185.67	3.427			
10,200.00	7,107.19	10,302.36	7,220.04	96.69	96.75	-100.21	222.43	1,827.54	637.41	446.12	191.29	3.332			
10,300.00	7,109.14	10,402.37	7,222.07	99.55	99.61	-100.20	222.33	1,927.51	638.56	441.64	196.93	3.243			
10,400.00	7,111.10	10,502.38	7,224.09	102.42	102.47	-100.19	222.24	2,027.48	639.72	437.14	202.58	3.158			
10,500.00	7,113.06	10,602.38	7,226.12	105.29	105.34	-100.18	222.15	2,127.46	640.87	432.63	208.24	3.078			
10,600.00	7,115.01	10,702.39	7,228.15	108.17	108.21	-100.17	222.05	2,227.43	642.02	428.11	213.91	3.001			
10,700.00	7,116.97	10,802.40	7,230.18	111.05	111.09	-100.15	221.96	2,327.40	643.18	423.59	219.59	2.929			
10,800.00	7,118.92	10,902.40	7,232.21	113.94	113.98	-100.14	221.87	2,427.37	644.33	419.05	225.28	2.860			
10,900.00	7,120.88	11,002.41	7,234.24	116.83	116.86	-100.13	221.77	2,527.35	645.49	414.50	230.98	2.795			
11,000.00	7,122.84	11,102.42	7,236.26	119.72	119.75	-100.12	221.68	2,627.32	646.64	409.95	236.69	2.732			
11,100.00	7,124.79	11,202.43	7,238.29	122.62	122.65	-100.11	221.58	2,727.29	647.79	405.39	242.40	2.672			
11,200.00	7,126.75	11,302.43	7,240.32	125.52	125.54	-100.10	221.49	2,827.27	648.95	400.82	248.12	2.615			
11,300.00	7,128.70	11,402.44	7,242.35	128.42	128.44	-100.08	221.40	2,927.24	650.10	396.25	253.85	2.561			
11,400.00	7,130.66	11,502.45	7,244.38	131.33	131.35	-100.07	221.30	3,027.21	651.25	391.67	259.58	2.509			
11,500.00	7,132.62	11,602.45	7,246.41	134.24	134.25	-100.06	221.21	3,127.18	652.41	387.09	265.32	2.459			
11,600.00	7,134.57	11,702.46	7,248.44	137.15	137.16	-100.05	221.12	3,227.16	653.56	382.50	271.06	2.411			
11,700.00	7,136.53	11,802.47	7,250.46	140.06	140.07	-100.04	221.02	3,327.13	654.71	377.90	276.81	2.365			
11,800.00	7,138.49	11,902.47	7,252.49	142.98	142.98	-100.03	220.93	3,427.10	655.87	373.30	282.56	2.321			
11,900.00	7,140.44	12,002.47	7,254.52	145.89	145.90	-100.02	220.84	3,527.08	656.45	368.15	288.31	2.277			
12,000.00	7,142.40	12,102.48	7,256.55	148.80	148.81	-100.01	220.74	3,627.06	656.95	362.89	294.06	2.234			
12,100.00	7,144.36	12,202.48	7,258.58	151.72	151.73	-100.01	220.65	3,727.03	657.45	357.64	299.81	2.193			
12,200.00	7,146.32	12,302.48	7,260.61	154.65	154.65	-100.01	220.55	3,827.01	657.95	352.38	305.57	2.153			
12,300.00	7,148.28	12,402.48	7,262.64	157.57	157.57	-100.01	220.46	3,926.99	658.45	347.11	311.33	2.115			
12,400.00	7,150.23	12,502.48	7,264.66	160.49	160.49	-100.01	220.37	4,026.97	658.94	341.85	317.10	2.078			
12,500.00	7,152.19	12,602.48	7,266.69	163.42	163.42	-100.01	220.27	4,126.95	659.44	336.58	322.87	2.042			
12,600.00	7,154.15	12,702.48	7,268.72	166.35	166.34	-100.01	220.18	4,226.93	659.94	331.30	328.64	2.008			
12,700.00	7,156.11	12,802.48	7,270.75	169.28	169.27	-100.00	220.09	4,326.90	660.44	326.03	334.41	1.975			
12,800.00	7,158.07	12,902.49	7,272.78	172.21	172.20	-100.00	219.99	4,426.88	660.94	320.75	340.19	1.943			
12,900.00	7,160.02	13,002.49	7,274.81	175.14	175.13	-100.00	219.90	4,526.86	661.43	315.47	345.96	1.912			
13,000.00	7,161.98	13,102.49	7,276.84	178.07	178.06	-100.00	219.81	4,626.84	661.93	310.19	351.74	1.882			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft
Reference				Semi Major Axis			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)
13,100.00	7,163.94	13,202.49	7,278.86	181.00	180.99	-100.00	219.71	4,726.82	662.43	304.90	357.53	1.853
13,200.00	7,165.90	13,302.49	7,280.89	183.94	183.92	-100.00	219.62	4,826.79	662.93	299.62	363.31	1.825
13,300.00	7,167.85	13,402.49	7,282.92	186.87	186.86	-100.00	219.52	4,926.77	663.43	294.33	369.10	1.797
13,400.00	7,169.81	13,502.49	7,284.95	189.81	189.79	-99.99	219.43	5,026.75	663.92	289.04	374.89	1.771
13,500.00	7,171.77	13,602.49	7,286.98	192.75	192.73	-99.99	219.34	5,126.73	664.42	283.75	380.68	1.745
13,600.00	7,173.73	13,702.50	7,289.01	195.68	195.66	-99.99	219.24	5,226.71	664.92	278.45	386.47	1.721
13,700.00	7,175.69	13,802.50	7,291.04	198.62	198.60	-99.99	219.15	5,326.68	665.42	273.16	392.26	1.696
13,800.00	7,177.64	13,902.50	7,293.06	201.56	201.54	-99.99	219.06	5,426.66	665.92	267.86	398.06	1.673
13,900.00	7,179.60	14,002.50	7,295.09	204.50	204.48	-99.99	218.96	5,526.64	666.41	262.56	403.85	1.650
14,000.00	7,181.56	14,102.50	7,297.12	207.44	207.41	-99.99	218.87	5,626.62	666.91	257.26	409.65	1.628
14,100.00	7,183.52	14,202.50	7,299.15	210.39	210.35	-99.98	218.78	5,726.60	667.41	251.96	415.45	1.606
14,200.00	7,185.48	14,302.50	7,301.18	213.33	213.30	-99.98	218.68	5,826.58	667.91	246.66	421.25	1.586
14,300.00	7,187.43	14,402.50	7,303.21	216.27	216.24	-99.98	218.59	5,926.55	668.40	241.35	427.05	1.565
14,400.00	7,189.39	14,502.51	7,305.24	219.21	219.18	-99.98	218.49	6,026.53	668.90	236.05	432.85	1.545
14,500.00	7,191.35	14,602.51	7,307.26	222.16	222.12	-99.98	218.40	6,126.51	669.40	230.74	438.66	1.526
14,600.00	7,193.31	14,702.51	7,309.29	225.10	225.06	-99.98	218.31	6,226.49	669.90	225.44	444.46	1.507
14,700.00	7,195.27	14,802.51	7,311.32	228.05	228.01	-99.98	218.21	6,326.47	670.40	220.13	450.27	1.489 Level 3
14,800.00	7,197.22	14,902.51	7,313.35	230.99	230.95	-99.98	218.12	6,426.44	670.89	214.82	456.08	1.471 Level 3
14,900.00	7,199.18	15,002.51	7,315.38	233.94	233.89	-99.97	218.03	6,526.42	671.39	209.51	461.88	1.454 Level 3
15,000.00	7,201.14	15,102.51	7,317.41	236.88	236.84	-99.97	217.93	6,626.40	671.89	204.20	467.69	1.437 Level 3
15,100.00	7,203.10	15,202.51	7,319.44	239.83	239.78	-99.97	217.84	6,726.38	672.39	198.88	473.50	1.420 Level 3
15,200.00	7,205.06	15,302.52	7,321.46	242.78	242.73	-99.97	217.74	6,826.36	672.89	193.57	479.32	1.404 Level 3
15,300.00	7,207.01	15,402.52	7,323.49	245.73	245.68	-99.97	217.65	6,926.34	673.38	188.26	485.13	1.388 Level 3
15,400.00	7,208.97	15,502.52	7,325.52	248.67	248.62	-99.97	217.56	7,026.31	673.88	182.94	490.94	1.373 Level 3
15,500.00	7,210.93	15,602.52	7,327.55	251.62	251.57	-99.97	217.46	7,126.29	674.38	177.63	496.75	1.358 Level 3
15,600.00	7,212.89	15,702.52	7,329.58	254.57	254.52	-99.96	217.37	7,226.27	674.88	172.31	502.57	1.343 Level 3
15,700.00	7,214.85	15,802.52	7,331.61	257.52	257.46	-99.96	217.28	7,326.25	675.38	166.99	508.38	1.328 Level 3
15,800.00	7,216.80	15,902.52	7,333.64	260.47	260.41	-99.96	217.18	7,426.23	675.87	161.68	514.20	1.314 Level 3
15,900.00	7,218.76	16,002.52	7,335.66	263.42	263.36	-99.96	217.09	7,526.20	676.37	156.36	520.02	1.301 Level 3
16,000.00	7,220.72	16,102.53	7,337.69	266.37	266.31	-99.96	217.00	7,626.18	676.87	151.04	525.83	1.287 Level 3
16,100.00	7,222.68	16,202.53	7,339.72	269.32	269.26	-99.96	216.90	7,726.16	677.37	145.72	531.65	1.274 Level 3
16,200.00	7,224.64	16,302.53	7,341.75	272.27	272.21	-99.96	216.81	7,826.14	677.87	140.40	537.47	1.261 Level 3
16,300.00	7,226.59	16,402.53	7,343.78	275.22	275.16	-99.96	216.71	7,926.12	678.36	135.08	543.29	1.249 Level 2
16,400.00	7,228.55	16,502.53	7,345.81	278.17	278.11	-99.95	216.62	8,026.09	678.86	129.75	549.11	1.236 Level 2
16,500.00	7,230.51	16,602.53	7,347.84	281.13	281.06	-99.95	216.53	8,126.07	679.36	124.43	554.93	1.224 Level 2
16,600.00	7,232.47	16,702.53	7,349.86	284.08	284.01	-99.95	216.43	8,226.05	679.86	119.11	560.75	1.212 Level 2
16,700.00	7,234.43	16,802.53	7,351.89	287.03	286.96	-99.95	216.34	8,326.03	680.36	113.79	566.57	1.201 Level 2
16,800.00	7,236.38	16,902.54	7,353.92	289.98	289.91	-99.95	216.25	8,426.01	680.85	108.46	572.39	1.189 Level 2
16,900.00	7,238.34	17,002.54	7,355.95	292.94	292.86	-99.95	216.15	8,525.99	681.35	103.14	578.22	1.178 Level 2
17,000.00	7,240.30	17,102.54	7,357.98	295.89	295.81	-99.95	216.06	8,625.96	681.85	97.81	584.04	1.167 Level 2
17,100.00	7,242.26	17,202.54	7,360.01	298.84	298.76	-99.94	215.97	8,725.94	682.35	92.49	589.86	1.157 Level 2
17,200.00	7,244.21	17,302.54	7,362.04	301.79	301.71	-99.94	215.87	8,825.92	682.85	87.16	595.69	1.146 Level 2
17,300.00	7,246.17	17,402.54	7,364.06	304.75	304.67	-99.94	215.78	8,925.90	683.34	81.83	601.51	1.136 Level 2
17,400.00	7,248.13	17,502.54	7,366.09	307.70	307.62	-99.94	215.68	9,025.88	683.84	76.51	607.34	1.126 Level 2
17,500.00	7,250.09	17,602.54	7,368.12	310.66	310.57	-99.94	215.59	9,125.85	684.34	71.18	613.16	1.116 Level 2
17,546.55	7,251.00	17,644.01	7,369.07	312.03	311.79	-99.94	215.55	9,172.39	684.57	68.85	615.72	1.112 Level 2, SF

Offset Design													Offset Site Error:	0.00 usft
15N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	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		
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	CC	
300.00	300.00	300.03	300.03	3.34	3.34	102.87	19.99	-0.43	20.09	12.44	7.65	2.625		
400.00	399.93	400.10	400.03	3.40	3.40	102.66	19.66	-3.91	20.53	12.76	7.77	2.643		
500.00	499.68	500.16	499.84	3.49	3.49	102.25	18.99	-10.87	21.42	13.49	7.94	2.699		
600.00	599.13	600.21	599.34	3.60	3.60	101.70	17.98	-21.28	22.76	14.60	8.16	2.790		
700.00	698.15	700.25	698.40	3.74	3.74	101.06	16.65	-35.15	24.54	16.09	8.44	2.905		
800.00	796.63	800.28	796.91	3.93	3.93	100.38	14.98	-52.45	26.76	17.95	8.81	3.037		
900.00	894.44	900.29	894.72	4.16	4.16	99.70	12.99	-73.15	29.42	20.16	9.27	3.175		
1,000.00	991.54	1,000.28	991.77	4.44	4.44	98.81	10.69	-97.07	32.49	22.66	9.83	3.306		
1,100.00	1,088.51	1,100.22	1,088.59	4.76	4.76	97.71	8.31	-121.78	35.62	25.15	10.47	3.403		
1,200.00	1,185.47	1,200.17	1,185.41	5.11	5.11	96.78	5.93	-146.49	38.77	27.60	11.17	3.472		
1,300.00	1,282.44	1,300.12	1,282.22	5.48	5.49	95.99	3.55	-171.20	41.93	30.02	11.91	3.520		
1,400.00	1,379.40	1,400.07	1,379.04	5.87	5.88	95.31	1.17	-195.90	45.09	32.40	12.69	3.552		
1,500.00	1,476.37	1,500.02	1,475.86	6.27	6.29	94.72	-1.21	-220.61	48.26	34.75	13.51	3.573		
1,600.00	1,573.34	1,600.03	1,572.67	6.69	6.71	94.21	-3.59	-245.32	51.43	37.09	14.35	3.585		
1,700.00	1,670.30	1,700.08	1,669.49	7.11	7.14	93.75	-5.97	-270.03	54.61	39.41	15.20	3.592		
1,800.00	1,767.27	1,800.14	1,766.31	7.55	7.58	93.34	-8.35	-294.74	57.79	42.48	15.31	3.776		
1,900.00	1,864.23	1,900.19	1,863.13	7.42	7.46	92.98	-10.73	-319.45	60.97	45.52	15.45	3.947		
2,000.00	1,961.20	2,000.24	1,959.94	7.53	7.56	92.65	-13.11	-344.15	64.16	48.50	15.66	4.098		
2,100.00	2,058.17	2,099.71	2,056.76	7.66	7.70	92.36	-15.49	-368.86	67.35	51.42	15.92	4.229		
2,200.00	2,155.13	2,200.34	2,153.58	7.82	7.86	92.09	-17.86	-393.57	70.53	54.28	16.25	4.340		
2,300.00	2,252.10	2,300.39	2,250.39	8.01	8.05	91.84	-20.24	-418.28	73.72	57.09	16.64	4.432		
2,400.00	2,349.06	2,400.44	2,347.21	8.23	8.27	91.61	-22.62	-442.99	76.91	59.85	17.07	4.506		
2,500.00	2,446.03	2,499.50	2,444.03	8.47	8.51	91.41	-25.00	-467.69	80.11	62.56	17.55	4.565		
2,600.00	2,543.00	2,600.55	2,540.85	8.73	8.78	91.21	-27.38	-492.40	83.30	65.23	18.07	4.609		
2,700.00	2,639.96	2,700.60	2,637.66	9.01	9.07	91.04	-29.76	-517.11	86.49	67.86	18.64	4.641		
2,800.00	2,736.93	2,800.65	2,734.48	9.30	9.37	90.87	-32.14	-541.82	89.69	70.45	19.24	4.662		
2,900.00	2,833.89	2,900.70	2,831.30	9.62	9.69	90.72	-34.52	-566.53	92.89	73.01	19.87	4.674		
3,000.00	2,930.86	3,000.75	2,928.12	9.95	10.02	90.57	-36.90	-591.24	96.08	75.55	20.53	4.679		
3,100.00	3,027.82	3,100.80	3,024.93	10.29	10.37	90.44	-39.28	-615.94	99.28	78.05	21.22	4.678		
3,200.00	3,124.79	3,200.86	3,121.75	10.64	10.73	90.31	-41.66	-640.65	102.48	80.54	21.94	4.671		
3,300.00	3,221.76	3,300.91	3,218.57	11.01	11.10	90.19	-44.03	-665.36	105.67	83.00	22.67	4.661		
3,400.00	3,318.72	3,400.96	3,315.38	11.39	11.48	90.08	-46.41	-690.07	108.87	85.44	23.43	4.647		
3,500.00	3,415.69	3,501.01	3,412.20	11.77	11.87	89.98	-48.79	-714.78	112.07	87.87	24.20	4.631		
3,600.00	3,512.65	3,601.06	3,509.02	12.16	12.27	89.88	-51.17	-739.48	115.27	90.28	24.99	4.613		
3,700.00	3,609.62	3,701.11	3,605.84	12.56	12.68	89.78	-53.55	-764.19	118.47	92.68	25.79	4.593		
3,800.00	3,706.59	3,801.16	3,702.65	12.97	13.09	89.70	-55.93	-788.90	121.67	95.06	26.61	4.573		
3,900.00	3,803.55	3,901.21	3,799.47	13.38	13.50	89.61	-58.31	-813.61	124.87	97.43	27.44	4.551		
4,000.00	3,900.52	4,001.27	3,896.29	13.80	13.93	89.53	-60.69	-838.32	128.07	99.79	28.28	4.529		
4,100.00	3,997.48	4,101.32	3,993.10	14.22	14.36	89.46	-63.07	-863.02	131.27	102.14	29.12	4.507		
4,200.00	4,094.45	4,201.37	4,089.92	14.65	14.79	89.38	-65.45	-887.73	134.47	104.49	29.98	4.485		
4,300.00	4,191.42	4,301.42	4,186.74	15.08	15.23	89.31	-67.83	-912.44	137.67	106.82	30.85	4.463		
4,400.00	4,288.38	4,401.47	4,283.56	15.52	15.67	89.25	-70.20	-937.15	140.87	109.15	31.72	4.440		
4,500.00	4,385.35	4,501.52	4,380.37	15.95	16.11	89.18	-72.58	-961.86	144.07	111.47	32.61	4.419		
4,600.00	4,482.31	4,601.57	4,477.19	16.40	16.56	89.12	-74.96	-986.57	147.27	113.78	33.49	4.397		
4,700.00	4,579.28	4,701.63	4,574.01	16.84	17.01	89.07	-77.34	-1,011.27	150.47	116.09	34.39	4.376		
4,800.00	4,676.25	4,801.68	4,670.83	17.29	17.46	89.01	-79.72	-1,035.98	153.68	118.39	35.29	4.355		
4,900.00	4,773.21	4,901.73	4,767.64	17.74	17.92	88.96	-82.10	-1,060.69	156.88	120.69	36.19	4.335		
5,000.00	4,870.18	4,998.22	4,864.46	18.19	18.36	88.91	-84.48	-1,085.40	160.08	122.99	37.08	4.317		
5,100.00	4,967.14	5,101.83	4,961.28	18.65	18.84	88.86	-86.86	-1,110.11	163.28	125.27	38.01	4.295		
5,200.00	5,064.11	5,201.88	5,058.09	19.10	19.30	88.81	-89.24	-1,134.81	166.48	127.55	38.93	4.276		
5,300.00	5,161.07	5,301.93	5,154.91	19.56	19.77	88.76	-91.62	-1,159.52	169.69	129.83	39.85	4.258		
5,400.00	5,258.04	5,401.99	5,251.73	20.02	20.23	88.72	-94.00	-1,184.23	172.89	132.11	40.78	4.240		
5,500.00	5,355.01	5,502.04	5,348.55	20.49	20.70	88.68	-96.38	-1,208.94	176.09	134.38	41.71	4.222		
5,600.00	5,451.97	5,602.09	5,445.36	20.95	21.17	88.64	-98.75	-1,233.65	179.29	136.66	42.64	4.205		
5,700.00	5,548.94	5,697.86	5,542.18	21.41	21.62	88.60	-101.13	-1,258.36	182.50	138.94	43.55	4.190		
5,800.00	5,645.90	5,802.19	5,639.00	21.88	22.11	88.56	-103.51	-1,283.06	185.70	141.19	44.51	4.172		
5,900.00	5,742.87	5,902.24	5,735.82	22.35	22.59	88.52	-105.89	-1,307.77	188.90	143.45	45.45	4.157		
6,000.00	5,839.84	6,002.29	5,832.63	22.82	23.06	88.49	-108.27	-1,332.48	192.10	145.72	46.39	4.141		
6,100.00	5,936.80	6,102.34	5,929.45	23.29	23.54	88.46	-110.65	-1,357.19	195.31	147.97	47.33	4.126		
6,200.00	6,033.77	6,202.40	6,026.27	23.76	24.01	88.42	-113.03	-1,381.90	198.51	150.23	48.28	4.112		
6,300.00	6,130.73	6,303.32	6,129.68	24.23	24.32	88.38	-115.41	-1,406.61	201.71	152.48	49.23	4.099		
6,400.00	6,227.70	6,407.21	6,233.33	24.70	24.45	88.34	-117.79	-1,431.32	204.91	154.73	50.18	4.087		

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		
6,413.08	6,240.40	6,420.25	6,246.34	24.75	24.46	97.31	-118.32	-1,407.25	200.20	150.59	49.61	4.036		
6,500.00	6,325.19	6,503.29	6,328.68	25.04	24.51	112.13	-120.22	-1,397.08	201.85	152.45	49.39	4.087		
6,600.00	6,424.66	6,594.42	6,416.66	25.19	24.57	-164.35	-122.20	-1,373.70	208.92	160.48	48.44	4.313		
6,700.00	6,524.02	6,681.84	6,497.09	25.27	24.65	-92.55	-123.97	-1,339.70	220.41	173.28	47.12	4.677		
6,800.00	6,620.84	6,766.20	6,569.60	25.32	24.79	-76.48	-125.51	-1,296.73	234.74	189.01	45.73	5.133		
6,900.00	6,712.73	6,848.06	6,633.95	25.41	25.02	-67.63	-126.83	-1,246.23	250.40	205.89	44.51	5.626		
7,000.00	6,797.42	6,927.91	6,689.97	25.56	25.37	-61.54	-127.94	-1,189.41	266.11	222.48	43.63	6.099		
7,100.00	6,872.84	7,006.14	6,737.54	25.86	25.85	-57.11	-128.82	-1,127.38	280.89	237.64	43.24	6.496		
7,200.00	6,937.12	7,083.11	6,776.58	26.34	26.48	-53.87	-129.48	-1,061.10	293.97	250.52	43.45	6.766		
7,300.00	6,988.68	7,159.13	6,807.02	27.07	27.26	-51.58	-129.93	-991.49	304.80	260.52	44.29	6.883		
7,400.00	7,026.26	7,234.47	6,828.79	28.05	28.18	-50.08	-130.16	-919.42	313.01	267.25	45.77	6.839		
7,500.00	7,048.92	7,309.37	6,841.85	29.28	29.22	-49.26	-130.18	-845.70	318.33	270.52	47.82	6.657		
7,600.00	7,056.33	7,389.27	6,846.48	30.70	30.42	-49.12	-129.98	-765.98	320.61	270.32	50.29	6.375		
7,700.00	7,058.28	7,489.26	6,848.81	32.32	32.11	-49.35	-129.65	-666.02	321.57	268.62	52.95	6.074		
7,800.00	7,060.24	7,589.24	6,851.14	34.12	33.97	-49.59	-129.32	-566.06	322.53	266.64	55.89	5.771		
7,900.00	7,062.19	7,689.23	6,853.46	36.08	35.98	-49.82	-128.99	-466.10	323.50	264.41	59.09	5.475		
8,000.00	7,064.15	7,789.22	6,855.79	38.17	38.11	-50.05	-128.65	-366.14	324.47	261.96	62.51	5.191		
8,100.00	7,066.11	7,889.20	6,858.12	40.38	40.35	-50.28	-128.32	-266.18	325.45	259.33	66.12	4.922		
8,200.00	7,068.06	7,989.19	6,860.45	42.68	42.68	-50.51	-127.99	-166.22	326.43	256.53	69.90	4.670		
8,300.00	7,070.02	8,089.18	6,862.78	45.06	45.08	-50.74	-127.66	-66.26	327.42	253.59	73.83	4.435		
8,400.00	7,071.97	8,189.16	6,865.11	47.50	47.54	-50.96	-127.32	33.70	328.42	250.53	77.89	4.216		
8,500.00	7,073.93	8,289.15	6,867.43	50.01	50.06	-51.18	-126.99	133.66	329.41	247.36	82.06	4.014		
8,600.00	7,075.89	8,389.14	6,869.76	52.56	52.63	-51.41	-126.66	233.61	330.42	244.09	86.33	3.827		
8,700.00	7,077.84	8,489.12	6,872.09	55.16	55.23	-51.63	-126.32	333.57	331.43	240.74	90.69	3.654		
8,800.00	7,079.80	8,589.11	6,874.42	57.79	57.87	-51.85	-125.99	433.53	332.44	237.31	95.13	3.494		
8,900.00	7,081.76	8,689.10	6,876.75	60.45	60.54	-52.07	-125.66	533.49	333.46	233.81	99.65	3.346		
9,000.00	7,083.71	8,789.08	6,879.08	63.14	63.24	-52.28	-125.33	633.45	334.48	230.25	104.23	3.209		
9,100.00	7,085.67	8,889.07	6,881.41	65.85	65.95	-52.50	-124.99	733.41	335.51	226.64	108.87	3.082		
9,200.00	7,087.62	8,989.06	6,883.73	68.59	68.69	-52.72	-124.66	833.37	336.55	222.97	113.57	2.963		
9,300.00	7,089.58	9,089.04	6,886.06	71.34	71.45	-52.93	-124.33	933.33	337.58	219.26	118.32	2.853		
9,400.00	7,091.54	9,189.03	6,888.39	74.11	74.22	-53.14	-124.00	1,033.29	338.63	215.51	123.12	2.750		
9,500.00	7,093.49	9,289.02	6,890.72	76.90	77.01	-53.35	-123.66	1,133.25	339.67	211.71	127.96	2.654		
9,600.00	7,095.45	9,389.00	6,893.05	79.69	79.81	-53.56	-123.33	1,233.21	340.72	207.88	132.85	2.565		
9,700.00	7,097.41	9,488.99	6,895.38	82.50	82.62	-53.77	-123.00	1,333.16	341.78	204.01	137.77	2.481		
9,800.00	7,099.36	9,588.98	6,897.70	85.32	85.44	-53.98	-122.66	1,433.12	342.84	200.11	142.73	2.402		
9,900.00	7,101.32	9,688.96	6,900.03	88.15	88.26	-54.18	-122.33	1,533.08	343.91	196.18	147.72	2.328		
10,000.00	7,103.27	9,788.95	6,902.36	90.99	91.10	-54.39	-122.00	1,633.04	344.98	192.22	152.75	2.258		
10,100.00	7,105.23	9,888.94	6,904.69	93.84	93.95	-54.59	-121.67	1,733.00	346.05	188.23	157.81	2.193		
10,200.00	7,107.19	9,988.92	6,907.02	96.69	96.80	-54.79	-121.33	1,832.96	347.13	184.22	162.90	2.131		
10,300.00	7,109.14	10,088.91	6,909.35	99.55	99.66	-54.99	-121.00	1,932.92	348.21	180.19	168.02	2.072		
10,400.00	7,111.10	10,188.90	6,911.68	102.42	102.52	-55.19	-120.67	2,032.88	349.30	176.13	173.17	2.017		
10,500.00	7,113.06	10,288.89	6,914.00	105.29	105.39	-55.39	-120.34	2,132.84	350.39	172.04	178.34	1.965		
10,600.00	7,115.01	10,388.87	6,916.33	108.17	108.27	-55.58	-120.00	2,232.80	351.48	167.94	183.54	1.915		
10,700.00	7,116.97	10,505.27	6,918.80	111.05	111.62	-55.67	-120.99	2,338.61	351.52	162.67	188.86	1.861		
10,800.00	7,118.92	10,605.28	6,921.13	113.94	114.51	-55.68	-122.67	2,438.57	350.96	157.21	193.75	1.811		
10,900.00	7,120.88	10,705.28	6,923.45	116.83	117.41	-55.69	-124.36	2,538.53	350.39	151.74	198.65	1.764		
11,000.00	7,122.84	10,805.28	6,925.78	119.72	120.30	-55.70	-126.04	2,638.48	349.82	146.27	203.55	1.719		
11,100.00	7,124.79	10,905.28	6,928.11	122.62	123.20	-55.71	-127.73	2,738.44	349.26	140.79	208.47	1.675		
11,200.00	7,126.75	11,005.28	6,930.44	125.52	126.11	-55.72	-129.41	2,838.40	348.69	135.30	213.39	1.634		
11,300.00	7,128.70	11,105.28	6,932.77	128.42	129.01	-55.73	-131.10	2,938.36	348.12	129.81	218.31	1.595		
11,400.00	7,130.66	11,205.29	6,935.10	131.33	131.92	-55.74	-132.78	3,038.31	347.55	124.31	223.25	1.557		
11,500.00	7,132.62	11,305.29	6,937.43	134.24	134.83	-55.75	-134.47	3,138.27	346.99	118.80	228.19	1.521		
11,600.00	7,134.57	11,405.29	6,939.75	137.15	137.75	-55.76	-136.15	3,238.23	346.42	113.29	233.13	1.486 Level 3		
11,700.00	7,136.53	11,505.29	6,942.08	140.06	140.66	-55.77	-137.84	3,338.18	345.85	107.77	238.08	1.453 Level 3		
11,800.00	7,138.49	11,605.29	6,944.41	142.98	143.58	-55.79	-139.52	3,438.14	345.29	102.25	243.03	1.421 Level 3		
11,900.00	7,140.44	11,705.30	6,946.74	145.89	146.50	-55.73	-141.21	3,538.09	344.74	96.40	247.85	1.389 Level 3		
12,000.00	7,142.40	11,805.31	6,949.07	148.80	149.42	-55.68	-142.89	3,638.05	343.13	90.48	252.65	1.358 Level 3		
12,100.00	7,144.36	11,905.31	6,951.40	151.72	152.35	-55.63	-144.58	3,738.00	342.01	84.57	257.44	1.329 Level 3		
12,200.00	7,146.32	12,005.32	6,953.73	154.65	155.27	-55.58	-146.26	3,837.95	340.90	78.66	262.23	1.300 Level 3		
12,300.00	7,148.28	12,105.33	6,956.05	157.57	158.20	-55.52	-147.95	3,937.90	339.78	72.76	267.02	1.272 Level 3		
12,400.00	7,150.23	12,205.33	6,958.38	160.49	161.13	-55.47	-149.63	4,037.85	338.67	66.86	271.80	1.246 Level 2		
12,500.00	7,152.19	12,305.34	6,960.71	163.42	164.06	-55.42	-151.31	4,137.81	337.55	60.97	276.58	1.220 Level 2		
12,600.00	7,154.15	12,405.35	6,963.04	166.35	166.99	-55.36	-153.00	4,237.76	336.44	55.08	281.36	1.196 Level 2		
12,700.00	7,156.11	12,505.35	6,965.37	169.28	169.92	-55.31	-154.68	4,337.71	335.32	49.19	286.13	1.172 Level 2		
12,800.00	7,158.07	12,605.36	6,967.70	172.21	172.85	-55.25	-156.37	4,437.66	334.21	43.31	290.89	1.149 Level 2		
12,900.00	7,160.02	12,705.37	6,970.02	175.14	175.79	-55.20	-158.05	4,537.61	333.09	37.44	295.66	1.127 Level 2		

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	7,161.98	12,805.37	6,972.35	178.07	178.72	-55.14	-159.74	4,637.57	331.98	31.57	300.41	1.105	Level 2	
13,100.00	7,163.94	12,905.38	6,974.68	181.00	181.66	-55.08	-161.42	4,737.52	330.87	25.71	305.16	1.084	Level 2	
13,200.00	7,165.90	13,005.39	6,977.01	183.94	184.60	-55.03	-163.11	4,837.47	329.76	19.85	309.91	1.064	Level 2	
13,300.00	7,167.85	13,105.39	6,979.34	186.87	187.54	-54.97	-164.79	4,937.42	328.64	14.00	314.65	1.044	Level 2	
13,400.00	7,169.81	13,205.40	6,981.67	189.81	190.48	-54.91	-166.48	5,037.37	327.53	8.15	319.38	1.026	Level 2	
13,500.00	7,171.77	13,305.41	6,983.99	192.75	193.42	-54.86	-168.16	5,137.33	326.42	2.32	324.11	1.007	Level 2	
13,600.00	7,173.73	13,405.41	6,986.32	195.68	196.36	-54.80	-169.85	5,237.28	325.31	-3.52	328.83	0.989	Level 1	
13,700.00	7,175.69	13,505.42	6,988.65	198.62	199.30	-54.74	-171.53	5,337.23	324.20	-9.34	333.54	0.972	Level 1	
13,800.00	7,177.64	13,605.43	6,990.98	201.56	202.24	-54.68	-173.22	5,437.18	323.09	-15.16	338.25	0.955	Level 1	
13,900.00	7,179.60	13,705.43	6,993.31	204.50	205.19	-54.62	-174.90	5,537.13	321.98	-20.97	342.95	0.939	Level 1	
14,000.00	7,181.56	13,805.44	6,995.64	207.44	208.13	-54.56	-176.59	5,637.09	320.87	-26.78	347.65	0.923	Level 1	
14,100.00	7,183.52	13,905.45	6,997.97	210.39	211.08	-54.50	-178.27	5,737.04	319.76	-32.57	352.33	0.908	Level 1	
14,200.00	7,185.48	14,005.45	7,000.29	213.33	214.02	-54.44	-179.95	5,836.99	318.65	-38.36	357.01	0.893	Level 1	
14,300.00	7,187.43	14,105.46	7,002.62	216.27	216.97	-54.38	-181.64	5,936.94	317.54	-44.15	361.69	0.878	Level 1	
14,400.00	7,189.39	14,205.47	7,004.95	219.21	219.92	-54.32	-183.32	6,036.89	316.43	-49.92	366.35	0.864	Level 1	
14,500.00	7,191.35	14,305.47	7,007.28	222.16	222.86	-54.26	-185.01	6,136.85	315.32	-55.69	371.01	0.850	Level 1	
14,600.00	7,193.31	14,405.48	7,009.61	225.10	225.81	-54.20	-186.69	6,236.80	314.22	-61.45	375.66	0.836	Level 1	
14,700.00	7,195.27	14,505.49	7,011.94	228.05	228.76	-54.13	-188.38	6,336.75	313.11	-67.20	380.30	0.823	Level 1	
14,800.00	7,197.22	14,605.49	7,014.26	230.99	231.71	-54.07	-190.06	6,436.70	312.00	-72.94	384.94	0.811	Level 1	
14,900.00	7,199.18	14,705.50	7,016.59	233.94	234.66	-54.01	-191.75	6,536.65	310.90	-78.67	389.57	0.798	Level 1	
15,000.00	7,201.14	14,805.51	7,018.92	236.88	237.61	-53.94	-193.43	6,636.60	309.79	-84.39	394.18	0.786	Level 1	
15,100.00	7,203.10	14,905.51	7,021.25	239.83	240.56	-53.88	-195.12	6,736.56	308.68	-90.11	398.79	0.774	Level 1	
15,200.00	7,205.06	15,005.52	7,023.58	242.78	243.51	-53.82	-196.80	6,836.51	307.58	-95.82	403.39	0.762	Level 1	
15,300.00	7,207.01	15,105.53	7,025.91	245.73	246.46	-53.75	-198.49	6,936.46	306.47	-101.51	407.99	0.751	Level 1	
15,400.00	7,208.97	15,205.53	7,028.23	248.67	249.41	-53.68	-200.17	7,036.41	305.37	-107.20	412.57	0.740	Level 1	
15,500.00	7,210.93	15,305.54	7,030.56	251.62	252.36	-53.62	-201.86	7,136.36	304.26	-112.88	417.15	0.729	Level 1	
15,600.00	7,212.89	15,405.55	7,032.89	254.57	255.31	-53.55	-203.54	7,236.32	303.16	-118.55	421.71	0.719	Level 1	
15,700.00	7,214.85	15,505.55	7,035.22	257.52	258.27	-53.48	-205.23	7,336.27	302.06	-124.21	426.27	0.709	Level 1	
15,800.00	7,216.80	15,605.56	7,037.55	260.47	261.22	-53.42	-206.91	7,436.22	300.95	-129.86	430.81	0.699	Level 1	
15,900.00	7,218.76	15,705.57	7,039.88	263.42	264.17	-53.35	-208.60	7,536.17	299.85	-135.50	435.35	0.689	Level 1	
16,000.00	7,220.72	15,794.43	7,042.21	266.37	266.80	-53.28	-210.28	7,636.12	298.75	-140.86	439.61	0.680	Level 1	
16,100.00	7,222.68	15,905.58	7,044.53	269.32	270.08	-53.21	-211.96	7,736.08	297.65	-146.75	444.39	0.670	Level 1	
16,200.00	7,224.64	16,005.59	7,046.86	272.27	273.03	-53.14	-213.65	7,836.03	296.55	-152.36	448.90	0.661	Level 1	
16,300.00	7,226.59	16,105.59	7,049.19	275.22	275.99	-53.07	-215.33	7,935.98	295.45	-157.95	453.40	0.652	Level 1	
16,400.00	7,228.55	16,205.60	7,051.52	278.17	278.94	-53.00	-217.02	8,035.93	294.34	-163.54	457.88	0.643	Level 1	
16,500.00	7,230.51	16,305.61	7,053.85	281.13	281.90	-52.93	-218.70	8,135.88	293.25	-169.12	462.36	0.634	Level 1	
16,600.00	7,232.47	16,405.61	7,056.18	284.08	284.85	-52.86	-220.39	8,235.84	292.15	-174.68	466.83	0.626	Level 1	
16,700.00	7,234.43	16,505.62	7,058.50	287.03	287.81	-52.78	-222.07	8,335.79	291.05	-180.23	471.28	0.618	Level 1	
16,800.00	7,236.38	16,605.63	7,060.83	289.98	290.76	-52.71	-223.76	8,435.74	289.95	-185.77	475.72	0.609	Level 1	
16,900.00	7,238.34	16,705.63	7,063.16	292.94	293.72	-52.64	-225.44	8,535.69	288.85	-191.30	480.15	0.602	Level 1	
17,000.00	7,240.30	16,805.64	7,065.49	295.89	296.67	-52.56	-227.13	8,635.64	287.75	-196.82	484.57	0.594	Level 1	
17,100.00	7,242.26	16,905.65	7,067.82	298.84	299.63	-52.49	-228.81	8,735.60	286.66	-202.33	488.98	0.586	Level 1	
17,200.00	7,244.21	17,005.65	7,070.15	301.79	302.59	-52.41	-230.50	8,835.55	285.56	-207.82	493.38	0.579	Level 1	
17,300.00	7,246.17	17,105.66	7,072.47	304.75	305.54	-52.34	-232.18	8,935.50	284.46	-213.30	497.77	0.571	Level 1	
17,400.00	7,248.13	17,205.67	7,074.80	307.70	308.50	-52.26	-233.87	9,035.45	283.37	-218.77	502.14	0.564	Level 1	
17,500.00	7,250.09	17,294.33	7,077.13	310.66	311.12	-52.19	-235.55	9,135.40	282.27	-223.96	506.23	0.558	Level 1	
17,540.37	7,250.88	17,334.69	7,078.07	311.85	312.32	-52.15	-236.23	9,175.76	281.83	-226.15	507.98	0.555	Level 1, ES, SF	
17,546.55	7,251.00	17,331.95	7,078.01	312.03	312.23	-52.16	-236.18	9,173.01	281.90	-226.13	508.04	0.555	Level 1	

Offset Design										5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1			Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft				
Reference		Offset		Semi Major Axis			Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	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	32.54	7.53	5.323		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.07	0.28	40.07	32.50	7.57	5.294		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.07	0.28	40.07	32.50	7.57	5.294	CC	
300.00	300.00	300.02	300.02	3.34	3.34	103.28	40.06	-0.16	40.16	32.51	7.65	5.248		
400.00	399.93	400.06	399.99	3.40	3.41	103.14	39.98	-3.65	40.86	33.09	7.77	5.258		
500.00	499.68	500.08	499.77	3.49	3.49	102.86	39.82	-10.63	42.26	34.32	7.94	5.324		
600.00	599.13	600.09	599.22	3.60	3.60	102.48	39.58	-21.08	44.35	36.19	8.16	5.436		
700.00	698.15	700.07	698.22	3.74	3.75	102.02	39.27	-34.99	47.15	38.70	8.45	5.582		
800.00	796.63	800.02	796.65	3.93	3.93	101.52	38.87	-52.35	50.64	41.82	8.81	5.746		
900.00	894.44	899.93	894.37	4.16	4.16	100.99	38.40	-73.11	54.82	45.55	9.27	5.915		
1,000.00	991.54	1,000.19	991.38	4.44	4.44	100.63	37.86	-96.84	59.62	49.80	9.82	6.069		
1,100.00	1,088.51	1,100.31	1,088.29	4.76	4.75	100.48	37.32	-121.00	64.54	54.09	10.45	6.173		
1,200.00	1,185.47	1,200.44	1,185.21	5.11	5.10	100.35	36.77	-145.16	69.46	58.32	11.14	6.235		
1,300.00	1,282.44	1,300.56	1,282.12	5.48	5.46	100.24	36.22	-169.31	74.38	62.51	11.87	6.265		
1,400.00	1,379.40	1,400.68	1,379.03	5.87	5.85	100.14	35.67	-193.47	79.30	66.66	12.64	6.274		
1,500.00	1,476.37	1,500.80	1,475.94	6.27	6.25	100.05	35.12	-217.63	84.22	70.78	13.44	6.267		
1,600.00	1,573.34	1,600.92	1,572.85	6.69	6.66	99.98	34.58	-241.78	89.13	74.88	14.26	6.251		
1,700.00	1,670.30	1,701.04	1,669.77	7.11	7.08	99.91	34.03	-265.94	94.05	78.96	15.10	6.229		
1,800.00	1,767.27	1,801.16	1,766.68	7.55	7.51	99.84	33.48	-290.10	98.97	83.78	15.19	6.516		
1,900.00	1,864.23	1,901.28	1,863.59	7.42	7.38	99.79	32.93	-314.25	103.89	88.56	15.33	6.778		
2,000.00	1,961.20	2,001.41	1,960.50	7.53	7.49	99.74	32.38	-338.41	108.81	93.28	15.53	7.006		
2,100.00	2,058.17	2,101.53	2,057.41	7.66	7.62	99.69	31.83	-362.57	113.73	97.94	15.79	7.201		
2,200.00	2,155.13	2,201.65	2,154.33	7.82	7.78	99.65	31.29	-386.72	118.65	102.54	16.11	7.364		
2,300.00	2,252.10	2,301.77	2,251.24	8.01	7.96	99.61	30.74	-410.88	123.57	107.08	16.49	7.495		
2,400.00	2,349.06	2,401.89	2,348.15	8.23	8.18	99.57	30.19	-435.04	128.49	111.58	16.91	7.598		
2,500.00	2,446.03	2,502.01	2,445.06	8.47	8.41	99.54	29.64	-459.19	133.41	116.03	17.38	7.675		
2,600.00	2,543.00	2,602.13	2,541.97	8.73	8.67	99.51	29.09	-483.35	138.33	120.44	17.90	7.730		
2,700.00	2,639.96	2,702.25	2,638.89	9.01	8.94	99.48	28.55	-507.51	143.25	124.80	18.45	7.765		
2,800.00	2,736.93	2,802.37	2,735.80	9.30	9.24	99.45	28.00	-531.66	148.17	129.14	19.04	7.784		
2,900.00	2,833.89	2,902.50	2,832.71	9.62	9.55	99.43	27.45	-555.82	153.09	133.44	19.66	7.788		
3,000.00	2,930.86	3,002.62	2,929.62	9.95	9.87	99.40	26.90	-579.98	158.01	137.71	20.31	7.782		
3,100.00	3,027.82	3,102.74	3,026.53	10.29	10.21	99.38	26.35	-604.13	162.93	141.95	20.98	7.765		
3,200.00	3,124.79	3,202.86	3,123.45	10.64	10.56	99.36	25.80	-628.29	167.85	146.17	21.68	7.742		
3,300.00	3,221.76	3,302.98	3,220.36	11.01	10.92	99.34	25.26	-652.45	172.77	150.37	22.40	7.712		
3,400.00	3,318.72	3,403.10	3,317.27	11.39	11.29	99.32	24.71	-676.60	177.69	154.55	23.14	7.678		
3,500.00	3,415.69	3,503.22	3,414.18	11.77	11.67	99.30	24.16	-700.76	182.61	158.71	23.90	7.640		
3,600.00	3,512.65	3,603.34	3,511.09	12.16	12.06	99.29	23.61	-724.92	187.53	162.86	24.68	7.600		
3,700.00	3,609.62	3,703.46	3,608.01	12.56	12.45	99.27	23.06	-749.07	192.46	166.99	25.47	7.558		
3,800.00	3,706.59	3,803.59	3,704.92	12.97	12.85	99.25	22.52	-773.23	197.38	171.11	26.27	7.514		
3,900.00	3,803.55	3,903.71	3,801.83	13.38	13.26	99.24	21.97	-797.39	202.30	175.21	27.08	7.470		
4,000.00	3,900.52	4,003.83	3,898.74	13.80	13.67	99.23	21.42	-821.54	207.22	179.31	27.91	7.425		
4,100.00	3,997.48	4,103.95	3,995.66	14.22	14.09	99.21	20.87	-845.70	212.14	183.39	28.74	7.381		
4,200.00	4,094.45	4,204.07	4,092.57	14.65	14.51	99.20	20.32	-869.86	217.06	187.47	29.59	7.337		
4,300.00	4,191.42	4,304.19	4,189.48	15.08	14.94	99.19	19.77	-894.01	221.98	191.54	30.44	7.293		
4,400.00	4,288.38	4,404.31	4,286.39	15.52	15.37	99.18	19.23	-918.17	226.90	195.60	31.30	7.250		
4,500.00	4,385.35	4,504.43	4,383.30	15.95	15.80	99.17	18.68	-942.33	231.82	199.65	32.17	7.207		
4,600.00	4,482.31	4,604.55	4,480.22	16.40	16.24	99.16	18.13	-966.48	236.74	203.70	33.04	7.166		
4,700.00	4,579.28	4,704.68	4,577.13	16.84	16.68	99.15	17.58	-990.64	241.66	207.74	33.92	7.125		
4,800.00	4,676.25	4,804.80	4,674.04	17.29	17.12	99.14	17.03	-1,014.80	246.58	211.78	34.80	7.085		
4,900.00	4,773.21	4,904.92	4,770.95	17.74	17.57	99.13	16.49	-1,038.95	251.50	215.81	35.69	7.046		
5,000.00	4,870.18	5,005.04	4,867.86	18.19	18.02	99.12	15.94	-1,063.11	256.42	219.83	36.59	7.008		
5,100.00	4,967.14	5,105.16	4,964.78	18.65	18.46	99.11	15.39	-1,087.27	261.34	223.85	37.49	6.972		
5,200.00	5,064.11	5,205.28	5,061.69	19.10	18.92	99.10	14.84	-1,111.42	266.26	227.87	38.39	6.936		
5,300.00	5,161.07	5,305.40	5,158.60	19.56	19.37	99.09	14.29	-1,135.58	271.18	231.89	39.30	6.901		
5,400.00	5,258.04	5,405.52	5,255.51	20.02	19.82	99.08	13.74	-1,159.74	276.10	235.90	40.21	6.867		
5,500.00	5,355.01	5,505.64	5,352.42	20.49	20.28	99.08	13.20	-1,183.89	281.02	239.90	41.12	6.834		
5,600.00	5,451.97	5,605.77	5,449.34	20.95	20.74	99.07	12.65	-1,208.05	285.94	243.91	42.04	6.802		
5,700.00	5,548.94	5,705.89	5,546.25	21.41	21.20	99.06	12.10	-1,232.21	290.86	247.91	42.96	6.771		
5,800.00	5,645.90	5,806.01	5,643.16	21.88	21.66	99.06	11.55	-1,256.36	295.78	251.91	43.88	6.741		
5,900.00	5,742.87	5,906.13	5,740.07	22.35	22.12	99.05	11.00	-1,280.52	300.70	255.90	44.80	6.712		
6,000.00	5,839.84	6,006.25	5,836.98	22.82	22.59	99.04	10.46	-1,304.68	305.63	259.90	45.73	6.683		
6,100.00	5,936.80	6,106.37	5,933.90	23.29	23.05	99.04	9.91	-1,328.83	310.55	263.89	46.66	6.656		
6,200.00	6,033.77	6,193.51	6,030.81	23.76	23.46	99.03	9.36	-1,352.99	315.47	267.94	47.53	6.637		
6,300.00	6,130.73	6,293.39	6,127.72	24.23	23.92	99.03	8.81	-1,377.15	320.39	271.92	48.46	6.611		
6,400.00	6,227.70	6,394.56	6,226.19	24.70	24.34	99.26	8.25	-1,400.29	325.23	275.89	49.34	6.592		

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	6,325.19	6,495.99	6,327.00	25.04	24.51	109.10	7.66	-1,410.34	329.70	279.97	49.73	6.630		
6,600.00	6,424.66	6,595.18	6,425.93	25.19	24.59	-173.51	7.07	-1,404.58	334.86	285.06	49.80	6.724		
6,700.00	6,524.02	6,692.43	6,520.89	25.27	24.65	-107.01	6.48	-1,384.09	340.66	290.91	49.76	6.846		
6,800.00	6,620.84	6,787.90	6,610.03	25.32	24.73	-95.23	5.90	-1,350.14	346.89	297.18	49.71	6.978		
6,900.00	6,712.73	6,881.80	6,691.79	25.41	24.88	-89.70	5.36	-1,304.13	353.30	303.54	49.77	7.099		
7,000.00	6,797.42	6,974.34	6,764.88	25.56	25.14	-86.09	4.86	-1,247.52	359.64	309.61	50.03	7.188		
7,100.00	6,872.84	7,065.72	6,828.26	25.86	25.55	-83.43	4.40	-1,181.80	365.65	315.02	50.62	7.223		
7,200.00	6,937.12	7,156.15	6,881.09	26.34	26.15	-81.41	4.00	-1,108.51	371.10	319.46	51.64	7.186		
7,300.00	6,988.68	7,245.82	6,922.71	27.07	26.96	-79.91	3.65	-1,029.16	375.79	322.62	53.16	7.068		
7,400.00	7,026.26	7,334.94	6,952.63	28.05	27.98	-78.85	3.37	-945.29	379.54	324.34	55.20	6.875		
7,500.00	7,048.92	7,423.70	6,970.51	29.28	29.17	-78.21	3.16	-858.42	382.23	324.53	57.70	6.624		
7,600.00	7,056.33	7,514.54	6,976.42	30.70	30.54	-77.99	3.01	-767.84	383.78	323.21	60.57	6.337		
7,700.00	7,058.28	7,614.53	6,978.57	32.32	32.21	-78.05	2.88	-667.87	384.83	321.00	63.83	6.029		
7,800.00	7,060.24	7,714.53	6,980.72	34.12	34.06	-78.12	2.75	-567.90	385.88	318.44	67.44	5.722		
7,900.00	7,062.19	7,814.52	6,982.87	36.08	36.06	-78.18	2.61	-467.93	386.94	315.59	71.35	5.423		
8,000.00	7,064.15	7,914.51	6,985.02	38.17	38.19	-78.24	2.48	-367.96	387.99	312.48	75.51	5.138		
8,100.00	7,066.11	8,014.51	6,987.16	40.38	40.42	-78.30	2.34	-267.99	389.05	309.16	79.89	4.870		
8,200.00	7,068.06	8,114.50	6,989.31	42.68	42.74	-78.36	2.21	-168.02	390.11	305.67	84.44	4.620		
8,300.00	7,070.02	8,214.49	6,991.46	45.06	45.13	-78.42	2.08	-68.04	391.16	302.02	89.14	4.388		
8,400.00	7,071.97	8,314.49	6,993.61	47.50	47.59	-78.48	1.94	31.93	392.22	298.24	93.98	4.173		
8,500.00	7,073.93	8,414.48	6,995.76	50.01	50.11	-78.54	1.81	131.90	393.28	294.35	98.92	3.976		
8,600.00	7,075.89	8,514.47	6,997.91	52.56	52.67	-78.60	1.67	231.87	394.34	290.37	103.97	3.793		
8,700.00	7,077.84	8,614.47	7,000.05	55.16	55.27	-78.66	1.54	331.84	395.40	286.31	109.09	3.625		
8,800.00	7,079.80	8,714.46	7,002.20	57.79	57.90	-78.72	1.41	431.81	396.45	282.17	114.28	3.469		
8,900.00	7,081.76	8,814.45	7,004.35	60.45	60.57	-78.78	1.27	531.78	397.51	277.98	119.54	3.325		
9,000.00	7,083.71	8,914.45	7,006.50	63.14	63.26	-78.84	1.14	631.75	398.57	273.73	124.85	3.192		
9,100.00	7,085.67	9,014.44	7,008.65	65.85	65.98	-78.90	1.00	731.72	399.63	269.43	130.21	3.069		
9,200.00	7,087.62	9,114.44	7,010.80	68.59	68.71	-78.96	0.87	831.69	400.70	265.09	135.61	2.955		
9,300.00	7,089.58	9,214.43	7,012.94	71.34	71.47	-79.01	0.73	931.66	401.76	260.71	141.05	2.848		
9,400.00	7,091.54	9,314.42	7,015.09	74.11	74.24	-79.07	0.60	1,031.63	402.82	256.30	146.52	2.749		
9,500.00	7,093.49	9,414.42	7,017.24	76.90	77.02	-79.13	0.47	1,131.60	403.88	251.85	152.02	2.657		
9,600.00	7,095.45	9,514.41	7,019.39	79.69	79.82	-79.18	0.33	1,231.57	404.94	247.39	157.56	2.570		
9,700.00	7,097.41	9,614.40	7,021.54	82.50	82.63	-79.24	0.20	1,331.54	406.00	242.89	163.11	2.489		
9,800.00	7,099.36	9,714.40	7,023.69	85.32	85.45	-79.30	0.06	1,431.51	407.07	238.38	168.69	2.413		
9,900.00	7,101.32	9,814.39	7,025.83	88.15	88.28	-79.35	-0.07	1,531.48	408.13	233.84	174.29	2.342		
10,000.00	7,103.27	9,914.38	7,027.98	90.99	91.12	-79.41	-0.20	1,631.45	409.19	229.29	179.90	2.275		
10,100.00	7,105.23	10,014.38	7,030.13	93.84	93.96	-79.46	-0.34	1,731.42	410.26	224.72	185.54	2.211		
10,200.00	7,107.19	10,114.37	7,032.28	96.69	96.81	-79.52	-0.47	1,831.39	411.32	220.14	191.19	2.151		
10,300.00	7,109.14	10,214.36	7,034.43	99.55	99.67	-79.57	-0.61	1,931.36	412.39	215.54	196.85	2.095		
10,400.00	7,111.10	10,314.36	7,036.58	102.42	102.54	-79.63	-0.74	2,031.33	413.45	210.92	202.53	2.041		
10,500.00	7,113.06	10,414.35	7,038.72	105.29	105.41	-79.68	-0.87	2,131.30	414.52	206.30	208.22	1.991		
10,600.00	7,115.01	10,514.35	7,040.87	108.17	108.28	-79.73	-1.01	2,231.27	415.59	201.67	213.92	1.943		
10,700.00	7,116.97	10,614.34	7,043.02	111.05	111.16	-79.79	-1.14	2,331.24	416.65	197.02	219.63	1.897		
10,800.00	7,118.92	10,714.33	7,045.17	113.94	114.05	-79.84	-1.28	2,431.22	417.72	192.37	225.35	1.854		
10,900.00	7,120.88	10,814.33	7,047.32	116.83	116.93	-79.89	-1.41	2,531.19	418.79	187.70	231.08	1.812		
11,000.00	7,122.84	10,914.32	7,049.47	119.72	119.82	-79.95	-1.54	2,631.16	419.85	183.03	236.82	1.773		
11,100.00	7,124.79	11,014.31	7,051.61	122.62	122.72	-80.00	-1.68	2,731.13	420.92	178.35	242.57	1.735		
11,200.00	7,126.75	11,114.31	7,053.76	125.52	125.62	-80.05	-1.81	2,831.10	421.99	173.66	248.33	1.699		
11,300.00	7,128.70	11,214.30	7,055.91	128.42	128.52	-80.10	-1.95	2,931.07	423.06	168.97	254.09	1.665		
11,400.00	7,130.66	11,314.29	7,058.06	131.33	131.42	-80.15	-2.08	3,031.04	424.13	164.27	259.86	1.632		
11,500.00	7,132.62	11,414.29	7,060.21	134.24	134.33	-80.20	-2.21	3,131.01	425.20	159.56	265.64	1.601		
11,600.00	7,134.57	11,514.28	7,062.35	137.15	137.24	-80.26	-2.35	3,230.98	426.27	154.85	271.42	1.571		
11,700.00	7,136.53	11,614.27	7,064.50	140.06	140.15	-80.31	-2.48	3,330.95	427.34	150.13	277.21	1.542		
11,800.00	7,138.49	11,714.27	7,066.65	142.98	143.06	-80.36	-2.62	3,430.92	428.41	145.41	283.00	1.514		
11,900.00	7,140.44	11,814.27	7,068.80	145.89	145.98	-80.39	-2.75	3,530.89	428.91	140.13	288.78	1.485 Level 3		
12,000.00	7,142.40	11,914.26	7,070.95	148.80	148.89	-80.42	-2.88	3,630.87	429.32	134.76	294.57	1.457 Level 3		
12,100.00	7,144.36	12,014.26	7,073.10	151.72	151.81	-80.46	-3.02	3,730.85	429.74	129.38	300.36	1.431 Level 3		
12,200.00	7,146.32	12,114.26	7,075.25	154.65	154.73	-80.49	-3.15	3,830.82	430.15	123.99	306.16	1.405 Level 3		
12,300.00	7,148.28	12,214.26	7,077.39	157.57	157.66	-80.53	-3.29	3,930.80	430.57	118.60	311.96	1.380 Level 3		
12,400.00	7,150.23	12,314.26	7,079.54	160.49	160.58	-80.56	-3.42	4,030.77	430.98	113.21	317.77	1.356 Level 3		
12,500.00	7,152.19	12,414.26	7,081.69	163.42	163.50	-80.60	-3.56	4,130.75	431.40	107.82	323.58	1.333 Level 3		
12,600.00	7,154.15	12,514.26	7,083.84	166.35	166.43	-80.63	-3.69	4,230.72	431.81	102.42	329.40	1.311 Level 3		
12,700.00	7,156.11	12,614.26	7,085.99	169.28	169.36	-80.67	-3.82	4,330.70	432.23	97.02	335.21	1.289 Level 3		
12,800.00	7,158.07	12,714.26	7,088.14	172.21	172.29	-80.70	-3.96	4,430.67	432.65	91.61	341.03	1.269 Level 3		
12,900.00	7,160.02	12,814.25	7,090.28	175.14	175.22	-80.74	-4.09	4,530.65	433.06	86.20	346.86	1.249 Level 2		
13,000.00	7,161.98	12,914.25	7,092.43	178.07	178.15	-80.77	-4.23	4,630.63	433.48	80.79	352.68	1.229 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					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	7,163.94	13,014.25	7,094.58	181.00	181.08	-80.80	-4.36	4,730.60	433.89	75.38	358.51	1.210	Level 2
13,200.00	7,165.90	13,114.25	7,096.73	183.94	184.01	-80.84	-4.49	4,830.58	434.31	69.96	364.35	1.192	Level 2
13,300.00	7,167.85	13,214.25	7,098.88	186.87	186.95	-80.87	-4.63	4,930.55	434.73	64.55	370.18	1.174	Level 2
13,400.00	7,169.81	13,314.25	7,101.03	189.81	189.88	-80.91	-4.76	5,030.53	435.14	59.12	376.02	1.157	Level 2
13,500.00	7,171.77	13,414.25	7,103.17	192.75	192.82	-80.94	-4.90	5,130.50	435.56	53.70	381.86	1.141	Level 2
13,600.00	7,173.73	13,514.25	7,105.32	195.68	195.76	-80.98	-5.03	5,230.48	435.98	48.28	387.70	1.125	Level 2
13,700.00	7,175.69	13,614.24	7,107.47	198.62	198.69	-81.01	-5.16	5,330.46	436.40	42.85	393.55	1.109	Level 2
13,800.00	7,177.64	13,714.24	7,109.62	201.56	201.63	-81.04	-5.30	5,430.43	436.81	37.42	399.40	1.094	Level 2
13,900.00	7,179.60	13,814.24	7,111.77	204.50	204.57	-81.08	-5.43	5,530.41	437.23	31.99	405.25	1.079	Level 2
14,000.00	7,181.56	13,914.24	7,113.92	207.44	207.51	-81.11	-5.57	5,630.38	437.65	26.55	411.10	1.065	Level 2
14,100.00	7,183.52	14,014.24	7,116.06	210.39	210.45	-81.15	-5.70	5,730.36	438.07	21.12	416.95	1.051	Level 2
14,200.00	7,185.48	14,114.24	7,118.21	213.33	213.39	-81.18	-5.83	5,830.33	438.49	15.68	422.81	1.037	Level 2
14,300.00	7,187.43	14,214.24	7,120.36	216.27	216.33	-81.21	-5.97	5,930.31	438.90	10.24	428.67	1.024	Level 2
14,400.00	7,189.39	14,314.24	7,122.51	219.21	219.28	-81.25	-6.10	6,030.28	439.32	4.80	434.53	1.011	Level 2
14,500.00	7,191.35	14,414.23	7,124.66	222.16	222.22	-81.28	-6.24	6,130.26	439.74	-0.65	440.39	0.999	Level 1
14,600.00	7,193.31	14,514.23	7,126.81	225.10	225.16	-81.31	-6.37	6,230.24	440.16	-6.09	446.25	0.986	Level 1
14,700.00	7,195.27	14,614.23	7,128.96	228.05	228.10	-81.35	-6.50	6,330.21	440.58	-11.54	452.12	0.974	Level 1
14,800.00	7,197.22	14,714.23	7,131.10	230.99	231.05	-81.38	-6.64	6,430.19	441.00	-16.99	457.98	0.963	Level 1
14,900.00	7,199.18	14,814.23	7,133.25	233.94	233.99	-81.41	-6.77	6,530.16	441.42	-22.44	463.85	0.952	Level 1
15,000.00	7,201.14	14,914.23	7,135.40	236.88	236.94	-81.45	-6.91	6,630.14	441.84	-27.89	469.72	0.941	Level 1
15,100.00	7,203.10	15,014.23	7,137.55	239.83	239.88	-81.48	-7.04	6,730.11	442.26	-33.34	475.59	0.930	Level 1
15,200.00	7,205.06	15,114.23	7,139.70	242.78	242.83	-81.51	-7.18	6,830.09	442.67	-38.79	481.47	0.919	Level 1
15,300.00	7,207.01	15,214.23	7,141.85	245.73	245.78	-81.55	-7.31	6,930.07	443.09	-44.25	487.34	0.909	Level 1
15,400.00	7,208.97	15,314.22	7,143.99	248.67	248.72	-81.58	-7.44	7,030.04	443.51	-49.70	493.22	0.899	Level 1
15,500.00	7,210.93	15,414.22	7,146.14	251.62	251.67	-81.61	-7.58	7,130.02	443.93	-55.16	499.10	0.889	Level 1
15,600.00	7,212.89	15,514.22	7,148.29	254.57	254.62	-81.64	-7.71	7,229.99	444.35	-60.62	504.97	0.880	Level 1
15,700.00	7,214.85	15,614.22	7,150.44	257.52	257.57	-81.68	-7.85	7,329.97	444.77	-66.08	510.85	0.871	Level 1
15,800.00	7,216.80	15,714.22	7,152.59	260.47	260.51	-81.71	-7.98	7,429.94	445.20	-71.54	516.74	0.862	Level 1
15,900.00	7,218.76	15,814.22	7,154.74	263.42	263.46	-81.74	-8.11	7,529.92	445.62	-77.00	522.62	0.853	Level 1
16,000.00	7,220.72	15,914.22	7,156.88	266.37	266.41	-81.77	-8.25	7,629.89	446.04	-82.47	528.50	0.844	Level 1
16,100.00	7,222.68	16,014.22	7,159.03	269.32	269.36	-81.81	-8.38	7,729.87	446.46	-87.93	534.39	0.835	Level 1
16,200.00	7,224.64	16,114.21	7,161.18	272.27	272.31	-81.84	-8.52	7,829.85	446.88	-93.40	540.28	0.827	Level 1
16,300.00	7,226.59	16,214.21	7,163.33	275.22	275.26	-81.87	-8.65	7,929.82	447.30	-98.86	546.16	0.819	Level 1
16,400.00	7,228.55	16,314.21	7,165.48	278.17	278.21	-81.90	-8.78	8,029.80	447.72	-104.33	552.05	0.811	Level 1
16,500.00	7,230.51	16,414.21	7,167.63	281.13	281.16	-81.94	-8.92	8,129.77	448.14	-109.80	557.94	0.803	Level 1
16,600.00	7,232.47	16,514.21	7,169.77	284.08	284.11	-81.97	-9.05	8,229.75	448.56	-115.27	563.84	0.796	Level 1
16,700.00	7,234.43	16,614.21	7,171.92	287.03	287.06	-82.00	-9.19	8,329.72	448.99	-120.74	569.73	0.788	Level 1
16,800.00	7,236.38	16,714.21	7,174.07	289.98	290.01	-82.03	-9.32	8,429.70	449.41	-126.21	575.62	0.781	Level 1
16,900.00	7,238.34	16,814.21	7,176.22	292.94	292.96	-82.07	-9.45	8,529.68	449.83	-131.69	581.52	0.774	Level 1
17,000.00	7,240.30	16,914.20	7,178.37	295.89	295.92	-82.10	-9.59	8,629.65	450.25	-137.16	587.41	0.767	Level 1
17,100.00	7,242.26	17,014.20	7,180.52	298.84	298.87	-82.13	-9.72	8,729.63	450.67	-142.63	593.31	0.760	Level 1
17,200.00	7,244.21	17,114.20	7,182.67	301.79	301.82	-82.16	-9.86	8,829.60	451.10	-148.11	599.21	0.753	Level 1
17,300.00	7,246.17	17,214.20	7,184.81	304.75	304.77	-82.19	-9.99	8,929.58	451.52	-153.59	605.11	0.746	Level 1
17,400.00	7,248.13	17,314.20	7,186.96	307.70	307.72	-82.22	-10.12	9,029.55	451.94	-159.06	611.01	0.740	Level 1
17,500.00	7,250.09	17,414.20	7,189.11	310.66	310.68	-82.26	-10.26	9,129.53	452.37	-164.54	616.91	0.733	Level 1
17,546.55	7,251.00	17,460.75	7,190.11	312.03	312.05	-82.27	-10.32	9,176.07	452.56	-167.09	619.65	0.730	Level 1, ES, SF

Offset Design													Offset Site Error:	0.00 usft
15N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference				Semi Major Axis			Distance						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	79.78	0.56	79.78					
100.00	100.00	100.00	100.00	3.28	3.28	0.40	79.78	0.56	79.78	72.25	7.53	10.599		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	79.78	0.56	79.78	72.21	7.57	10.541		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	79.78	0.56	79.78	72.21	7.57	10.541	CC, ES	
300.00	300.00	299.67	299.67	3.34	3.34	103.30	79.88	0.14	79.98	72.33	7.65	10.453		
400.00	399.93	398.99	398.92	3.40	3.41	103.29	80.73	-3.20	81.61	73.84	7.77	10.502		
500.00	499.68	498.25	497.94	3.49	3.49	103.27	82.41	-9.86	84.87	76.93	7.94	10.691		
600.00	599.13	597.41	596.56	3.60	3.60	103.23	84.94	-19.84	89.75	81.59	8.16	10.998		
700.00	698.15	696.45	694.64	3.74	3.74	103.18	88.29	-33.10	96.24	87.80	8.44	11.396		
800.00	796.63	795.31	792.02	3.93	3.92	103.12	92.47	-49.60	104.34	95.53	8.80	11.852		
900.00	894.44	893.96	888.55	4.16	4.14	103.04	97.46	-69.31	114.02	104.78	9.25	12.329		
1,000.00	991.54	1,007.34	984.40	4.44	4.46	102.96	103.23	-92.12	125.19	115.35	9.83	12.732		
1,100.00	1,088.51	1,108.00	1,080.66	4.76	4.78	102.87	109.25	-115.90	136.68	126.22	10.46	13.067		
1,200.00	1,185.47	1,208.67	1,176.92	5.11	5.13	102.79	115.27	-139.69	148.18	137.04	11.14	13.299		
1,300.00	1,282.44	1,309.33	1,273.18	5.48	5.50	102.73	121.28	-163.48	159.68	147.81	11.87	13.453		
1,400.00	1,379.40	1,409.99	1,369.44	5.87	5.89	102.67	127.30	-187.26	171.17	158.54	12.63	13.550		
1,500.00	1,476.37	1,489.34	1,465.70	6.27	6.20	102.62	133.32	-211.05	182.67	169.33	13.34	13.694		
1,600.00	1,573.34	1,588.68	1,561.96	6.69	6.61	102.58	139.34	-234.84	194.17	180.02	14.15	13.723		
1,700.00	1,670.30	1,688.02	1,658.22	7.11	7.03	102.54	145.36	-258.62	205.67	190.69	14.98	13.730		
1,800.00	1,767.27	1,787.35	1,754.47	7.55	7.29	102.50	151.38	-282.41	217.16	202.07	15.09	14.392		
1,900.00	1,864.23	1,886.69	1,850.73	7.42	7.38	102.47	157.40	-306.20	228.66	213.41	15.25	14.998		
2,000.00	1,961.20	1,986.03	1,946.99	7.53	7.48	102.44	163.42	-329.98	240.16	224.72	15.44	15.553		
2,100.00	2,058.17	2,085.36	2,043.25	7.66	7.61	102.42	169.44	-353.77	251.66	235.96	15.69	16.034		
2,200.00	2,155.13	2,184.70	2,139.51	7.82	7.76	102.40	175.45	-377.55	263.15	247.15	16.01	16.441		
2,300.00	2,252.10	2,284.04	2,235.77	8.01	7.95	102.37	181.47	-401.34	274.65	258.28	16.37	16.778		
2,400.00	2,349.06	2,383.38	2,332.03	8.23	8.16	102.35	187.49	-425.13	286.15	269.37	16.78	17.049		
2,500.00	2,446.03	2,482.71	2,428.29	8.47	8.39	102.34	193.51	-448.91	297.65	280.40	17.24	17.261		
2,600.00	2,543.00	2,582.05	2,524.55	8.73	8.64	102.32	199.53	-472.70	309.15	291.40	17.75	17.420		
2,700.00	2,639.96	2,681.39	2,620.80	9.01	8.92	102.30	205.55	-496.49	320.64	302.36	18.29	17.533		
2,800.00	2,736.93	2,780.72	2,717.06	9.30	9.21	102.29	211.57	-520.27	332.14	313.28	18.87	17.606		
2,900.00	2,833.89	2,880.06	2,813.32	9.62	9.52	102.28	217.59	-544.06	343.64	324.17	19.47	17.646		
3,000.00	2,930.86	2,979.40	2,909.58	9.95	9.84	102.26	223.61	-567.85	355.14	335.03	20.11	17.658		
3,100.00	3,027.82	3,078.73	3,005.84	10.29	10.17	102.25	229.62	-591.63	366.64	345.86	20.78	17.646		
3,200.00	3,124.79	3,178.07	3,102.10	10.64	10.52	102.24	235.64	-615.42	378.13	356.67	21.47	17.616		
3,300.00	3,221.76	3,277.41	3,198.36	11.01	10.88	102.23	241.66	-639.20	389.63	367.46	22.18	17.571		
3,400.00	3,318.72	3,376.74	3,294.62	11.39	11.25	102.22	247.68	-662.99	401.13	378.23	22.90	17.513		
3,500.00	3,415.69	3,476.08	3,390.88	11.77	11.62	102.21	253.70	-686.78	412.63	388.98	23.65	17.446		
3,600.00	3,512.65	3,575.42	3,487.13	12.16	12.01	102.20	259.72	-710.56	424.13	399.71	24.41	17.372		
3,700.00	3,609.62	3,674.75	3,583.39	12.56	12.40	102.19	265.74	-734.35	435.62	410.43	25.19	17.292		
3,800.00	3,706.59	3,774.09	3,679.65	12.97	12.80	102.18	271.76	-758.14	447.12	421.14	25.98	17.208		
3,900.00	3,803.55	3,873.43	3,775.91	13.38	13.21	102.18	277.78	-781.92	458.62	431.83	26.79	17.121		
4,000.00	3,900.52	3,972.76	3,872.17	13.80	13.62	102.17	283.79	-805.71	470.12	442.52	27.60	17.033		
4,100.00	3,997.48	4,072.10	3,968.43	14.22	14.04	102.16	289.81	-829.50	481.62	453.19	28.42	16.944		
4,200.00	4,094.45	4,171.44	4,064.69	14.65	14.46	102.16	295.83	-853.28	493.12	463.86	29.26	16.855		
4,300.00	4,191.42	4,270.77	4,160.95	15.08	14.88	102.15	301.85	-877.07	504.61	474.52	30.10	16.766		
4,400.00	4,288.38	4,370.11	4,257.21	15.52	15.31	102.14	307.87	-900.85	516.11	485.16	30.95	16.677		
4,500.00	4,385.35	4,469.45	4,353.46	15.95	15.74	102.14	313.89	-924.64	527.61	495.81	31.80	16.590		
4,600.00	4,482.31	4,568.78	4,449.72	16.40	16.18	102.13	319.91	-948.43	539.11	506.44	32.67	16.504		
4,700.00	4,579.28	4,668.12	4,545.98	16.84	16.62	102.13	325.93	-972.21	550.61	517.07	33.53	16.419		
4,800.00	4,676.25	4,767.46	4,642.24	17.29	17.06	102.12	331.95	-996.00	562.10	527.70	34.41	16.337		
4,900.00	4,773.21	4,866.79	4,738.50	17.74	17.50	102.12	337.96	-1,019.79	573.60	538.32	35.29	16.256		
5,000.00	4,870.18	4,966.13	4,834.76	18.19	17.95	102.11	343.98	-1,043.57	585.10	548.93	36.17	16.176		
5,100.00	4,967.14	5,065.47	4,931.02	18.65	18.39	102.11	350.00	-1,067.36	596.60	559.54	37.06	16.099		
5,200.00	5,064.11	5,164.80	5,027.28	19.10	18.84	102.10	356.02	-1,091.15	608.10	570.15	37.95	16.023		
5,300.00	5,161.07	5,264.14	5,123.54	19.56	19.30	102.10	362.04	-1,114.93	619.60	580.75	38.85	15.950		
5,400.00	5,258.04	5,363.48	5,219.79	20.02	19.75	102.10	368.06	-1,138.72	631.09	591.35	39.75	15.878		
5,500.00	5,355.01	5,462.81	5,316.05	20.49	20.21	102.09	374.08	-1,162.51	642.59	601.94	40.65	15.808		
5,600.00	5,451.97	5,562.15	5,412.31	20.95	20.66	102.09	380.10	-1,186.29	654.09	612.54	41.55	15.741		
5,700.00	5,548.94	5,661.49	5,508.57	21.41	21.12	102.09	386.11	-1,210.08	665.59	623.13	42.46	15.675		
5,800.00	5,645.90	5,760.82	5,604.83	21.88	21.58	102.08	392.13	-1,233.86	677.09	633.71	43.37	15.610		
5,900.00	5,742.87	5,860.16	5,701.09	22.35	22.04	102.08	398.15	-1,257.65	688.59	644.30	44.29	15.548		
6,000.00	5,839.84	5,959.50	5,797.35	22.82	22.51	102.08	404.17	-1,281.44	700.08	654.88	45.20	15.487		
6,100.00	5,936.80	6,058.83	5,893.61	23.29	22.97	102.07	410.19	-1,305.22	711.58	665.46	46.12	15.428		
6,200.00	6,033.77	6,158.17	5,989.86	23.76	23.43	102.07	416.21	-1,329.01	723.08	676.04	47.04	15.370		
6,300.00	6,130.73	6,257.51	6,086.12	24.23	23.90	102.07	422.23	-1,352.80	734.58	686.61	47.97	15.314		
6,400.00	6,227.70	6,356.84	6,182.38	24.70	24.37	102.06	428.25	-1,376.58	746.08	697.19	48.89	15.260		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft	
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft	
Reference				Offset				Semi Major Axis				Distance			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,500.00	6,325.19	6,456.70	6,279.20	25.04	24.81	110.00	434.29	-1,400.26	757.65	707.98	49.67	15.254			
6,600.00	6,424.66	6,559.89	6,381.18	25.19	25.01	-174.74	440.30	-1,413.95	769.29	719.26	50.03	15.376			
6,700.00	6,524.02	6,664.18	6,485.17	25.27	25.12	-110.24	445.89	-1,410.86	780.62	730.38	50.24	15.538			
6,800.00	6,620.84	6,769.55	6,588.31	25.32	25.20	-100.30	450.89	-1,390.54	791.36	740.97	50.39	15.706			
6,900.00	6,712.73	6,875.89	6,687.62	25.41	25.29	-96.40	455.13	-1,353.08	801.22	750.64	50.58	15.706			
7,000.00	6,797.42	6,983.07	6,780.03	25.56	25.47	-94.20	458.48	-1,299.14	809.94	758.99	50.95	15.840			
7,100.00	6,872.84	7,090.89	6,862.58	25.86	25.80	-92.72	460.80	-1,230.03	817.28	765.67	51.62	15.834			
7,200.00	6,937.12	7,199.10	6,932.57	26.34	26.37	-91.64	462.02	-1,147.68	823.07	770.35	52.72	15.611			
7,300.00	6,988.68	7,307.43	6,987.71	27.07	27.23	-90.84	462.08	-1,054.59	827.15	772.77	54.38	15.211			
7,400.00	7,026.26	7,415.57	7,026.27	28.05	28.41	-90.25	460.99	-953.70	829.42	772.81	56.61	14.652			
7,500.00	7,048.92	7,523.22	7,047.19	29.28	29.84	-89.83	458.79	-848.25	829.84	770.50	59.34	13.984			
7,600.00	7,056.33	7,627.02	7,051.97	30.70	31.43	-89.68	455.76	-744.66	828.51	766.10	62.41	13.274			
7,700.00	7,058.28	7,727.00	7,054.07	32.32	33.14	-89.69	452.71	-644.74	826.71	760.91	65.79	12.565			
7,800.00	7,060.24	7,826.98	7,056.17	34.12	35.02	-89.70	449.66	-544.83	824.90	755.38	69.52	11.866			
7,900.00	7,062.19	7,926.97	7,058.27	36.08	37.04	-89.71	446.60	-444.91	823.10	749.56	73.54	11.192			
8,000.00	7,064.15	8,026.95	7,060.38	38.17	39.19	-89.72	443.55	-345.00	821.30	743.49	77.81	10.555			
8,100.00	7,066.11	8,126.93	7,062.48	40.38	41.44	-89.73	440.50	-245.08	819.50	737.21	82.29	9.959			
8,200.00	7,068.06	8,226.92	7,064.58	42.68	43.77	-89.74	437.44	-145.17	817.69	730.75	86.94	9.405			
8,300.00	7,070.02	8,326.90	7,066.68	45.06	46.18	-89.75	434.39	-45.25	815.89	724.15	91.74	8.893			
8,400.00	7,071.97	8,426.89	7,068.78	47.50	48.65	-89.76	431.33	54.66	814.09	717.42	96.67	8.421			
8,500.00	7,073.93	8,526.87	7,070.89	50.01	51.18	-89.76	428.28	154.58	812.28	710.58	101.71	7.987			
8,600.00	7,075.89	8,626.85	7,072.99	52.56	53.75	-89.77	425.23	254.49	810.48	703.64	106.84	7.586			
8,700.00	7,077.84	8,726.84	7,075.09	55.16	56.36	-89.78	422.17	354.41	808.68	696.63	112.05	7.217			
8,800.00	7,079.80	8,826.82	7,077.19	57.79	59.00	-89.79	419.12	454.32	806.88	689.55	117.33	6.877			
8,900.00	7,081.76	8,926.80	7,079.30	60.45	61.68	-89.80	416.07	554.24	805.07	682.41	122.67	6.563			
9,000.00	7,083.71	9,026.79	7,081.40	63.14	64.38	-89.81	413.01	654.15	803.27	675.21	128.06	6.273			
9,100.00	7,085.67	9,126.77	7,083.50	65.85	67.10	-89.82	409.96	754.07	801.47	667.97	133.50	6.004			
9,200.00	7,087.62	9,226.75	7,085.60	68.59	69.84	-89.83	406.90	853.98	799.67	660.69	138.98	5.754			
9,300.00	7,089.58	9,326.74	7,087.70	71.34	72.60	-89.85	403.85	953.90	797.86	653.37	144.50	5.526			
9,400.00	7,091.54	9,426.72	7,089.81	74.11	75.38	-89.86	400.80	1,053.81	796.06	646.02	150.04	5.305			
9,500.00	7,093.49	9,526.71	7,091.91	76.90	78.17	-89.87	397.74	1,153.73	794.26	638.64	155.62	5.104			
9,600.00	7,095.45	9,626.69	7,094.01	79.69	80.98	-89.88	394.69	1,253.64	792.46	631.23	161.22	4.915			
9,700.00	7,097.41	9,726.67	7,096.11	82.50	83.79	-89.89	391.64	1,353.56	790.65	623.80	166.85	4.739			
9,800.00	7,099.36	9,826.66	7,098.22	85.32	86.62	-89.90	388.58	1,453.47	788.85	616.35	172.50	4.573			
9,900.00	7,101.32	9,926.64	7,100.32	88.15	89.45	-89.91	385.53	1,553.39	787.05	608.89	178.16	4.418			
10,000.00	7,103.27	10,026.62	7,102.42	90.99	92.30	-89.92	382.47	1,653.30	785.25	601.40	183.85	4.271			
10,100.00	7,105.23	10,126.61	7,104.52	93.84	95.15	-89.93	379.42	1,753.22	783.45	593.90	189.54	4.133			
10,200.00	7,107.19	10,226.59	7,106.62	96.69	98.01	-89.94	376.37	1,853.13	781.64	586.39	195.26	4.003			
10,300.00	7,109.14	10,326.57	7,108.73	99.55	100.87	-89.95	373.31	1,953.05	779.84	578.86	200.98	3.880			
10,400.00	7,111.10	10,426.56	7,110.83	102.42	103.74	-89.96	370.26	2,052.96	778.04	571.32	206.72	3.764			
10,500.00	7,113.06	10,526.54	7,112.93	105.29	106.62	-89.97	367.20	2,152.88	776.24	563.77	212.47	3.653			
10,600.00	7,115.01	10,626.53	7,115.03	108.17	109.50	-89.98	364.15	2,252.79	774.43	556.21	218.23	3.549			
10,700.00	7,116.97	10,726.51	7,117.14	111.05	112.39	-89.99	361.10	2,352.71	772.63	548.64	224.00	3.449			
10,800.00	7,118.92	10,826.49	7,119.24	113.94	115.28	-90.00	358.04	2,452.62	770.83	541.06	229.77	3.355			
10,900.00	7,120.88	10,926.48	7,121.34	116.83	118.17	-90.01	354.99	2,552.54	769.03	533.47	235.56	3.265			
11,000.00	7,122.84	11,026.46	7,123.44	119.72	121.07	-90.03	351.94	2,652.45	767.23	525.88	241.35	3.179			
11,100.00	7,124.79	11,126.44	7,125.54	122.62	123.97	-90.04	348.88	2,752.37	765.42	518.28	247.15	3.097			
11,200.00	7,126.75	11,226.43	7,127.65	125.52	126.88	-90.05	345.83	2,852.28	763.62	510.67	252.95	3.019			
11,300.00	7,128.70	11,326.41	7,129.75	128.42	129.78	-90.06	342.77	2,952.20	761.82	503.06	258.76	2.944			
11,400.00	7,130.66	11,426.39	7,131.85	131.33	132.69	-90.07	339.72	3,052.11	760.02	495.44	264.58	2.873			
11,500.00	7,132.62	11,526.38	7,133.95	134.24	135.61	-90.08	336.67	3,152.02	758.22	487.82	270.40	2.804			
11,600.00	7,134.57	11,626.36	7,136.06	137.15	138.52	-90.09	333.61	3,251.94	756.41	480.19	276.23	2.738			
11,700.00	7,136.53	11,726.35	7,138.16	140.06	141.44	-90.10	330.56	3,351.85	754.61	472.56	282.06	2.675			
11,800.00	7,138.49	11,826.33	7,140.26	142.98	144.36	-90.11	327.51	3,451.77	752.81	464.92	287.89	2.615			
11,900.00	7,140.44	11,926.30	7,142.36	145.89	147.28	-90.12	324.45	3,551.67	750.43	456.71	293.72	2.555			
12,000.00	7,142.40	12,026.27	7,144.46	148.80	150.20	-90.13	321.40	3,651.57	747.96	448.40	299.56	2.497			
12,100.00	7,144.36	12,126.24	7,146.57	151.72	153.13	-90.14	318.35	3,751.47	745.50	440.09	305.41	2.441			
12,200.00	7,146.32	12,226.21	7,148.67	154.65	156.06	-90.15	315.29	3,851.37	743.03	431.78	311.25	2.387			
12,300.00	7,148.28	12,326.18	7,150.77	157.57	158.98	-90.17	312.24	3,951.28	740.56	423.46	317.10	2.335			
12,400.00	7,150.23	12,426.15	7,152.87	160.49	161.91	-90.18	309.19	4,051.18	738.10	415.14	322.96	2.285			
12,500.00	7,152.19	12,526.12	7,154.97	163.42	164.85	-90.19	306.13	4,151.08	735.63	406.81	328.81	2.237			
12,600.00	7,154.15	12,626.09	7,157.08	166.35	167.78	-90.20	303.08	4,250.98	733.16	398.49	334.67	2.191			
12,700.00	7,156.11	12,726.06	7,159.18	169.28	170.71	-90.21	300.03	4,350.88	730.69	390.16	340.53	2.146			
12,800.00	7,158.07	12,826.03	7,161.28	172.21	173.65	-90.23	296.97	4,450.78	728.23	381.83	346.40	2.102			
12,900.00	7,160.02	12,926.00	7,163.38	175.14	176.58	-90.24	293.92	4,550.68	725.76	373.50	352.26	2.060			
13,000.00	7,161.98	13,025.96	7,165.48	178.07	179.52	-90.25	290.87	4,650.58	723.29	365.16	358.13	2.020			

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	7,163.94	13,125.93	7,167.58	181.00	182.46	-90.26	287.81	4,750.48	720.83	356.82	364.00	1.980			
13,200.00	7,165.90	13,225.90	7,169.69	183.94	185.40	-90.27	284.76	4,850.38	718.36	348.48	369.88	1.942			
13,300.00	7,167.85	13,325.87	7,171.79	186.87	188.34	-90.29	281.71	4,950.28	715.89	340.14	375.75	1.905			
13,400.00	7,169.81	13,425.84	7,173.89	189.81	191.28	-90.30	278.65	5,050.18	713.43	331.80	381.63	1.869			
13,500.00	7,171.77	13,525.81	7,175.99	192.75	194.22	-90.31	275.60	5,150.08	710.96	323.45	387.50	1.835			
13,600.00	7,173.73	13,625.78	7,178.09	195.68	197.17	-90.33	272.55	5,249.98	708.49	315.11	393.38	1.801			
13,700.00	7,175.69	13,723.91	7,180.16	198.62	200.05	-90.34	269.56	5,348.04	706.04	306.82	399.22	1.769			
13,778.75	7,177.23	13,787.09	7,181.49	200.94	201.91	-90.35	268.49	5,411.20	705.17	301.81	403.36	1.748			
13,800.00	7,177.64	13,804.14	7,181.85	201.56	202.41	-90.35	268.44	5,428.25	705.23	300.79	404.44	1.744			
13,900.00	7,179.60	13,884.35	7,183.54	204.50	204.75	-90.36	269.57	5,508.43	707.23	297.89	409.34	1.728			
14,000.00	7,181.56	13,970.79	7,185.37	207.44	207.26	-90.37	273.12	5,594.77	711.87	297.52	414.35	1.718			
14,100.00	7,183.52	14,070.65	7,187.48	210.39	210.17	-90.38	277.82	5,694.50	717.17	296.96	420.20	1.707			
14,200.00	7,185.48	14,170.51	7,189.59	213.33	213.08	-90.39	282.51	5,794.23	722.46	296.40	426.06	1.696			
14,300.00	7,187.43	14,270.37	7,191.70	216.27	215.99	-90.40	287.21	5,893.96	727.75	295.83	431.91	1.685			
14,400.00	7,189.39	14,370.23	7,193.81	219.21	218.90	-90.41	291.91	5,993.68	733.04	295.27	437.77	1.674			
14,500.00	7,191.35	14,470.09	7,195.92	222.16	221.81	-90.41	296.61	6,093.41	738.33	294.70	443.63	1.664			
14,600.00	7,193.31	14,569.95	7,198.03	225.10	224.73	-90.42	301.30	6,193.14	743.62	294.13	449.49	1.654			
14,700.00	7,195.27	14,669.81	7,200.14	228.05	227.64	-90.43	306.00	6,292.86	748.91	293.56	455.35	1.645			
14,800.00	7,197.22	14,769.67	7,202.26	230.99	230.56	-90.44	310.70	6,392.59	754.20	292.99	461.21	1.635			
14,900.00	7,199.18	14,869.53	7,204.37	233.94	233.47	-90.45	315.40	6,492.32	759.49	292.42	467.08	1.626			
15,000.00	7,201.14	14,969.39	7,206.48	236.88	236.39	-90.46	320.09	6,592.04	764.79	291.84	472.94	1.617			
15,100.00	7,203.10	15,069.25	7,208.59	239.83	239.31	-90.47	324.79	6,691.77	770.08	291.27	478.81	1.608			
15,200.00	7,205.06	15,169.11	7,210.70	242.78	242.23	-90.48	329.49	6,791.50	775.37	290.69	484.67	1.600			
15,300.00	7,207.01	15,268.97	7,212.81	245.73	245.14	-90.49	334.19	6,891.23	780.66	290.12	490.54	1.591			
15,400.00	7,208.97	15,368.83	7,214.92	248.67	248.06	-90.49	338.88	6,990.95	785.95	289.54	496.41	1.583			
15,500.00	7,210.93	15,468.69	7,217.03	251.62	250.98	-90.50	343.58	7,090.68	791.24	288.97	502.28	1.575			
15,600.00	7,212.89	15,568.55	7,219.14	254.57	253.90	-90.51	348.28	7,190.41	796.53	288.39	508.14	1.568			
15,700.00	7,214.85	15,668.41	7,221.26	257.52	256.82	-90.52	352.98	7,290.13	801.82	287.81	514.01	1.560			
15,800.00	7,216.80	15,768.27	7,223.37	260.47	259.75	-90.53	357.67	7,389.86	807.12	287.23	519.89	1.552			
15,900.00	7,218.76	15,868.13	7,225.48	263.42	262.67	-90.53	362.37	7,489.59	812.41	286.65	525.76	1.545			
16,000.00	7,220.72	15,967.99	7,227.59	266.37	265.59	-90.54	367.07	7,589.31	817.70	286.07	531.63	1.538			
16,100.00	7,222.68	16,067.85	7,229.70	269.32	268.51	-90.55	371.77	7,689.04	822.99	285.49	537.50	1.531			
16,200.00	7,224.64	16,167.71	7,231.81	272.27	271.43	-90.56	376.46	7,788.77	828.28	284.91	543.37	1.524			
16,300.00	7,226.59	16,267.57	7,233.92	275.22	274.36	-90.56	381.16	7,888.49	833.57	284.32	549.25	1.518			
16,400.00	7,228.55	16,367.43	7,236.03	278.17	277.28	-90.57	385.86	7,988.22	838.86	283.74	555.12	1.511			
16,500.00	7,230.51	16,467.29	7,238.14	281.13	280.21	-90.58	390.56	8,087.95	844.16	283.16	561.00	1.505			
16,600.00	7,232.47	16,567.15	7,240.25	284.08	283.13	-90.59	395.25	8,187.68	849.45	282.57	566.87	1.498 Level 3			
16,700.00	7,234.43	16,667.01	7,242.37	287.03	286.06	-90.59	399.95	8,287.40	854.74	281.99	572.75	1.492 Level 3			
16,800.00	7,236.38	16,766.87	7,244.48	289.98	288.98	-90.60	404.65	8,387.13	860.03	281.40	578.62	1.486 Level 3			
16,900.00	7,238.34	16,866.73	7,246.59	292.94	291.91	-90.61	409.34	8,486.86	865.32	280.82	584.50	1.480 Level 3			
17,000.00	7,240.30	16,966.59	7,248.70	295.89	294.83	-90.61	414.04	8,586.58	870.61	280.23	590.38	1.475 Level 3			
17,100.00	7,242.26	17,066.45	7,250.81	298.84	297.76	-90.62	418.74	8,686.31	875.90	279.65	596.26	1.469 Level 3			
17,200.00	7,244.21	17,166.31	7,252.92	301.79	300.68	-90.63	423.44	8,786.04	881.20	279.06	602.13	1.463 Level 3			
17,300.00	7,246.17	17,266.17	7,255.03	304.75	303.61	-90.63	428.13	8,885.76	886.49	278.47	608.01	1.458 Level 3			
17,400.00	7,248.13	17,366.02	7,257.14	307.70	306.54	-90.64	432.83	8,985.49	891.78	277.89	613.89	1.453 Level 3			
17,500.00	7,250.09	17,465.88	7,259.25	310.66	309.47	-90.65	437.53	9,085.22	897.07	277.30	619.77	1.447 Level 3			
17,546.55	7,251.00	17,512.37	7,260.24	312.03	310.83	-90.65	439.72	9,131.64	899.53	277.02	622.51	1.445 Level 3, SF			

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			Minimum Separation (usft)	
0.00	0.00	3.00	-3.00	3.28	3.28	56.81	118.40	180.98	216.27					
100.00	100.00	103.00	97.00	3.28	3.28	56.81	118.40	180.98	216.27	208.74	7.53	28.731		
200.00	200.00	203.00	197.00	3.30	3.30	56.81	118.40	180.98	216.27	208.70	7.57	28.571	CC, ES	
200.10	200.10	202.90	197.10	3.30	3.30	56.81	118.40	180.98	216.27	208.70	7.57	28.571		
300.00	300.00	297.53	297.53	3.34	3.34	159.64	118.69	180.72	216.62	208.97	7.65	28.311		
400.00	399.93	398.56	398.49	3.40	3.41	159.05	121.27	178.42	219.40	211.63	7.77	28.222	SF	
500.00	499.68	499.30	498.99	3.49	3.50	157.88	126.49	173.77	225.01	217.07	7.94	28.324		
600.00	599.13	599.57	598.70	3.60	3.62	156.23	134.30	166.81	233.56	225.40	8.16	28.611		
700.00	698.15	699.18	697.34	3.74	3.76	154.19	144.64	157.61	245.20	236.76	8.44	29.061		
800.00	796.63	802.24	794.70	3.93	3.93	152.28	156.15	147.35	260.11	251.33	8.78	29.640		
900.00	894.44	904.07	891.67	4.16	4.13	150.88	167.62	137.13	278.24	269.07	9.16	30.359		
1,000.00	991.54	1,006.36	988.17	4.44	4.36	149.99	179.03	126.96	299.17	289.57	9.61	31.142		
1,100.00	1,088.51	1,108.75	1,084.58	4.76	4.60	149.37	190.43	116.81	320.64	310.56	10.08	31.811		
1,200.00	1,185.47	1,188.86	1,181.00	5.11	4.80	148.83	201.83	106.65	342.14	331.61	10.53	32.489		
1,300.00	1,282.44	1,286.48	1,277.41	5.48	5.06	148.36	213.23	96.49	363.66	352.61	11.06	32.893		
1,400.00	1,379.40	1,384.09	1,373.82	5.87	5.33	147.94	224.63	86.33	385.21	373.60	11.61	33.188		
1,500.00	1,476.37	1,481.71	1,470.24	6.27	5.60	147.56	236.03	76.17	406.77	394.59	12.18	33.396		
1,600.00	1,573.34	1,579.32	1,566.65	6.69	5.89	147.22	247.44	66.01	428.35	415.57	12.77	33.536		
1,700.00	1,670.30	1,676.94	1,663.06	7.11	6.18	146.91	258.84	55.86	449.94	436.56	13.38	33.623		
1,800.00	1,767.27	1,774.55	1,759.47	7.35	6.37	146.63	270.24	45.70	471.54	458.16	13.38	35.235		
1,900.00	1,864.23	1,872.17	1,855.89	7.42	6.44	146.38	281.64	35.54	493.15	479.65	13.50	36.540		
2,000.00	1,961.20	1,969.78	1,952.30	7.53	6.50	146.15	293.04	25.38	514.77	501.16	13.61	37.813		
2,100.00	2,058.17	2,067.39	2,048.71	7.66	6.57	145.93	304.44	15.22	536.40	522.63	13.77	38.950		
2,200.00	2,155.13	2,165.01	2,145.12	7.82	6.66	145.73	315.84	5.06	558.03	544.06	13.97	39.950		
2,300.00	2,252.10	2,262.62	2,241.54	8.01	6.76	145.55	327.24	-5.09	579.67	565.47	14.20	40.814		
2,400.00	2,349.06	2,360.24	2,337.95	8.23	6.88	145.38	338.65	-15.25	601.32	586.84	14.47	41.547		
2,500.00	2,446.03	2,457.85	2,434.36	8.47	7.02	145.22	350.05	-25.41	622.97	608.19	14.78	42.157		
2,600.00	2,543.00	2,555.47	2,530.77	8.73	7.17	145.08	361.45	-35.57	644.62	629.51	15.11	42.654		
2,700.00	2,639.96	2,653.08	2,627.19	9.01	7.34	144.94	372.85	-45.73	666.28	650.80	15.48	43.046		
2,800.00	2,736.93	2,750.70	2,723.60	9.30	7.52	144.81	384.25	-55.89	687.94	672.07	15.87	43.345		
2,900.00	2,833.89	2,848.31	2,820.01	9.62	7.71	144.69	395.65	-66.04	709.60	693.31	16.29	43.561		
3,000.00	2,930.86	2,945.92	2,916.43	9.95	7.91	144.58	407.05	-76.20	731.27	714.54	16.73	43.704		
3,100.00	3,027.82	3,043.54	3,012.84	10.29	8.13	144.47	418.46	-86.36	752.94	735.74	17.20	43.785		
3,200.00	3,124.79	3,141.15	3,109.25	10.64	8.35	144.37	429.86	-96.52	774.61	756.93	17.68	43.813		
3,300.00	3,221.76	3,238.77	3,205.66	11.01	8.58	144.27	441.26	-106.68	796.29	778.10	18.18	43.794		
3,400.00	3,318.72	3,336.38	3,302.08	11.39	8.82	144.18	452.66	-116.84	817.96	799.26	18.70	43.737		
3,500.00	3,415.69	3,434.00	3,398.49	11.77	9.06	144.09	464.06	-126.99	839.64	820.40	19.24	43.648		
3,600.00	3,512.65	3,531.61	3,494.90	12.16	9.32	144.01	475.46	-137.15	861.32	841.53	19.79	43.532		
3,700.00	3,609.62	3,629.23	3,591.31	12.56	9.58	143.93	486.86	-147.31	883.00	862.65	20.35	43.395		
3,800.00	3,706.59	3,726.84	3,687.73	12.97	9.84	143.86	498.26	-157.47	904.68	883.76	20.92	43.241		
3,900.00	3,803.55	3,824.45	3,784.14	13.38	10.11	143.79	509.67	-167.63	926.37	904.86	21.51	43.073		
4,000.00	3,900.52	3,922.07	3,880.55	13.80	10.39	143.72	521.07	-177.79	948.05	925.95	22.10	42.894		
4,100.00	3,997.48	4,019.68	3,976.96	14.22	10.67	143.66	532.47	-187.94	969.74	947.03	22.71	42.707		
4,200.00	4,094.45	4,117.30	4,073.38	14.65	10.95	143.60	543.87	-198.10	991.43	968.11	23.32	42.513		
4,300.00	4,191.42	4,214.91	4,169.79	15.08	11.24	143.54	555.27	-208.26	1,013.12	989.18	23.94	42.316		
4,400.00	4,288.38	4,312.53	4,266.20	15.52	11.53	143.48	566.67	-218.42	1,034.81	1,010.24	24.57	42.116		
4,500.00	4,385.35	4,410.14	4,362.61	15.95	11.82	143.43	578.07	-228.58	1,056.50	1,031.29	25.21	41.915		
4,600.00	4,482.31	4,507.76	4,459.03	16.40	12.12	143.38	589.47	-238.74	1,078.19	1,052.34	25.85	41.714		
4,700.00	4,579.28	4,605.37	4,555.44	16.84	12.42	143.33	600.88	-248.89	1,099.88	1,073.39	26.49	41.513		
4,800.00	4,676.25	4,702.98	4,651.85	17.29	12.73	143.28	612.28	-259.05	1,121.58	1,094.43	27.15	41.314		
4,900.00	4,773.21	4,800.60	4,748.27	17.74	13.03	143.23	623.68	-269.21	1,143.27	1,115.46	27.81	41.117		
5,000.00	4,870.18	4,901.79	4,844.68	18.19	13.35	143.19	635.08	-279.37	1,164.96	1,136.49	28.48	40.905		
5,100.00	4,967.14	5,004.17	4,941.09	18.65	13.68	143.14	646.48	-289.53	1,186.66	1,157.50	29.16	40.692		

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	66.57	78.32	180.71	196.95					
100.00	100.00	103.00	97.00	3.28	3.28	66.57	78.32	180.71	196.95	189.42	7.53	26.164		
200.00	200.00	203.00	197.00	3.30	3.30	66.57	78.32	180.71	196.95	189.38	7.57	26.019	CC, ES	
201.02	201.02	201.98	198.02	3.30	3.30	169.47	78.32	180.71	196.95	189.38	7.57	26.019		
300.00	300.00	299.05	299.05	3.34	3.34	169.39	78.53	180.34	197.13	189.48	7.65	25.764		
400.00	399.93	403.38	403.30	3.40	3.41	168.74	80.31	177.12	198.43	190.65	7.77	25.531		
500.00	499.68	507.54	507.20	3.49	3.51	167.43	83.93	170.59	201.02	193.08	7.94	25.326		
600.00	599.13	610.59	609.65	3.60	3.63	165.55	89.28	160.95	205.10	196.95	8.15	25.165		
700.00	698.15	710.14	708.50	3.74	3.76	163.80	94.99	150.64	212.11	203.70	8.41	25.210		
800.00	796.63	809.46	807.12	3.93	3.93	162.40	100.69	140.35	222.62	213.89	8.72	25.517		
900.00	894.44	908.41	905.37	4.16	4.11	161.37	106.37	130.11	236.51	227.44	9.08	26.052		
1,000.00	991.54	1,006.94	1,003.21	4.44	4.30	160.71	112.03	119.90	253.43	243.95	9.47	26.748		
1,100.00	1,088.51	1,105.37	1,100.95	4.76	4.52	160.23	117.68	109.71	270.90	261.00	9.89	27.379		
1,200.00	1,185.47	1,203.81	1,198.70	5.11	4.74	159.81	123.33	99.51	288.39	278.04	10.34	27.878		
1,300.00	1,282.44	1,302.25	1,296.44	5.48	4.97	159.44	128.98	89.32	305.89	295.07	10.82	28.267		
1,400.00	1,379.40	1,400.69	1,394.19	5.87	5.22	159.10	134.63	79.13	323.40	312.08	11.32	28.567		
1,500.00	1,476.37	1,500.87	1,491.93	6.27	5.48	158.80	140.28	68.93	340.92	329.08	11.84	28.783		
1,600.00	1,573.34	1,602.43	1,589.68	6.69	5.74	158.54	145.93	58.74	358.45	346.06	12.39	28.933		
1,700.00	1,670.30	1,704.00	1,687.43	7.11	6.01	158.29	151.58	48.54	375.99	363.04	12.94	29.048		
1,800.00	1,767.27	1,805.56	1,785.17	7.35	6.15	158.07	157.23	38.35	393.53	380.66	12.87	30.576		
1,900.00	1,864.23	1,907.12	1,882.92	7.42	6.18	157.86	162.88	28.16	411.08	398.15	12.93	31.789		
2,000.00	1,961.20	2,008.68	1,980.66	7.53	6.23	157.68	168.53	17.96	428.63	415.60	13.03	32.897		
2,100.00	2,058.17	2,089.76	2,078.41	7.66	6.28	157.51	174.18	7.77	446.19	433.04	13.15	33.928		
2,200.00	2,155.13	2,188.20	2,176.16	7.82	6.36	157.35	179.84	-2.43	463.75	450.43	13.32	34.827		
2,300.00	2,252.10	2,286.63	2,273.90	8.01	6.45	157.20	185.49	-12.62	481.31	467.80	13.51	35.615		
2,400.00	2,349.06	2,385.07	2,371.65	8.23	6.56	157.06	191.14	-22.82	498.88	485.13	13.75	36.295		
2,500.00	2,446.03	2,483.51	2,469.39	8.47	6.68	156.93	196.79	-33.01	516.45	502.44	14.01	36.872		
2,600.00	2,543.00	2,581.95	2,567.14	8.73	6.81	156.81	202.44	-43.20	534.02	519.72	14.30	37.353		
2,700.00	2,639.96	2,680.39	2,664.88	9.01	6.96	156.70	208.09	-53.40	551.59	536.98	14.61	37.745		
2,800.00	2,736.93	2,778.82	2,762.63	9.30	7.11	156.60	213.74	-63.59	569.17	554.21	14.96	38.055		
2,900.00	2,833.89	2,877.26	2,860.38	9.62	7.28	156.50	219.39	-73.79	586.74	571.42	15.32	38.293		
3,000.00	2,930.86	2,975.70	2,958.12	9.95	7.46	156.41	225.04	-83.98	604.32	588.61	15.71	38.466		
3,100.00	3,027.82	3,074.14	3,055.87	10.29	7.65	156.32	230.69	-94.17	621.90	605.78	16.12	38.582		
3,200.00	3,124.79	3,172.58	3,153.61	10.64	7.85	156.24	236.34	-104.37	639.48	622.94	16.55	38.649		
3,300.00	3,221.76	3,271.02	3,251.36	11.01	8.05	156.16	241.99	-114.56	657.07	640.08	16.99	38.673		
3,400.00	3,318.72	3,369.45	3,349.10	11.39	8.26	156.08	247.64	-124.76	674.65	657.20	17.45	38.660		
3,500.00	3,415.69	3,467.89	3,446.85	11.77	8.48	156.01	253.29	-134.95	692.24	674.31	17.93	38.616		
3,600.00	3,512.65	3,566.33	3,544.60	12.16	8.71	155.95	258.94	-145.15	709.82	691.41	18.41	38.546		
3,700.00	3,609.62	3,664.77	3,642.34	12.56	8.94	155.88	264.59	-155.34	727.41	708.49	18.92	38.454		
3,800.00	3,706.59	3,763.21	3,740.09	12.97	9.18	155.82	270.25	-165.53	745.00	725.57	19.43	38.345		
3,900.00	3,803.55	3,861.65	3,837.83	13.38	9.42	155.76	275.90	-175.73	762.58	742.63	19.95	38.221		
4,000.00	3,900.52	3,960.08	3,935.58	13.80	9.66	155.71	281.55	-185.92	780.17	759.69	20.49	38.085		
4,100.00	3,997.48	4,058.52	4,033.33	14.22	9.92	155.66	287.20	-196.12	797.76	776.74	21.03	37.939		
4,200.00	4,094.45	4,156.96	4,131.07	14.65	10.17	155.60	292.85	-206.31	815.35	793.78	21.58	37.786		
4,300.00	4,191.42	4,255.40	4,228.82	15.08	10.43	155.56	298.50	-216.50	832.94	810.81	22.14	37.628		
4,400.00	4,288.38	4,353.84	4,326.56	15.52	10.69	155.51	304.15	-226.70	850.54	827.83	22.70	37.466		
4,500.00	4,385.35	4,452.27	4,424.31	15.95	10.96	155.47	309.80	-236.89	868.13	844.85	23.27	37.301		
4,600.00	4,482.31	4,550.71	4,522.05	16.40	11.23	155.42	315.45	-247.09	885.72	861.87	23.85	37.134		
4,700.00	4,579.28	4,649.15	4,619.80	16.84	11.50	155.38	321.10	-257.28	903.31	878.88	24.44	36.967		
4,800.00	4,676.25	4,747.59	4,717.55	17.29	11.77	155.34	326.75	-267.48	920.91	895.88	25.02	36.800		
4,900.00	4,773.21	4,846.03	4,815.29	17.74	12.05	155.30	332.40	-277.67	938.50	912.88	25.62	36.633		
5,000.00	4,870.18	4,944.47	4,913.04	18.19	12.33	155.27	338.05	-287.86	956.10	929.88	26.22	36.468		
5,100.00	4,967.14	5,042.90	5,010.78	18.65	12.61	155.23	343.70	-298.06	973.69	946.87	26.82	36.304		
5,200.00	5,064.11	5,141.34	5,108.53	19.10	12.89	155.20	349.35	-308.25	991.28	963.86	27.43	36.142		
5,300.00	5,161.07	5,239.78	5,206.27	19.56	13.17	155.16	355.00	-318.45	1,008.88	980.84	28.04	35.982		
5,400.00	5,258.04	5,338.22	5,304.02	20.02	13.46	155.13	360.65	-328.64	1,026.48	997.82	28.65	35.825		
5,500.00	5,355.01	5,436.66	5,401.77	20.49	13.75	155.10	366.31	-338.83	1,044.07	1,014.80	29.27	35.670		
5,600.00	5,451.97	5,535.10	5,499.51	20.95	14.04	155.07	371.96	-349.03	1,061.67	1,031.78	29.89	35.518		
5,700.00	5,548.94	5,633.53	5,597.26	21.41	14.33	155.04	377.61	-359.22	1,079.26	1,048.75	30.51	35.369		
5,800.00	5,645.90	5,731.97	5,695.00	21.88	14.62	155.02	383.26	-369.42	1,096.86	1,065.72	31.14	35.223		
5,900.00	5,742.87	5,830.41	5,792.75	22.35	14.91	154.99	388.91	-379.61	1,114.46	1,082.69	31.77	35.080		
6,000.00	5,839.84	5,928.85	5,890.49	22.82	15.21	154.96	394.56	-389.80	1,132.05	1,099.65	32.40	34.939		
6,100.00	5,936.80	6,027.29	5,988.24	23.29	15.50	154.94	400.21	-400.00	1,149.65	1,116.62	33.03	34.802		
6,200.00	6,033.77	6,125.72	6,085.99	23.76	15.80	154.91	405.86	-410.19	1,167.25	1,133.58	33.67	34.668		
6,300.00	6,130.73	6,224.16	6,183.73	24.23	16.10	154.89	411.51	-420.39	1,184.85	1,150.54	34.31	34.536		
6,500.00	6,325.19	7,869.45	7,152.92	25.04	35.08	118.77	462.01	-1,405.29	1,142.24	1,096.33	45.91	24.878		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
6,600.00	6,424.66	7,877.05	7,152.95	25.19	35.27	-174.95	461.97	-1,412.89	1,076.31	1,028.10	48.21	22.324		
6,700.00	6,524.02	7,868.97	7,152.92	25.27	35.07	-117.28	462.02	-1,404.81	1,016.12	965.80	50.31	20.197		
6,800.00	6,620.84	7,845.42	7,152.85	25.32	34.50	-111.85	462.16	-1,381.27	963.97	911.90	52.07	18.513		
6,900.00	6,712.73	7,806.98	7,152.74	25.41	33.56	-110.36	462.39	-1,342.82	921.46	868.11	53.35	17.273		
7,000.00	6,797.42	7,754.59	7,152.58	25.56	32.33	-108.80	462.71	-1,290.43	889.22	835.13	54.09	16.439		
7,100.00	6,872.84	7,689.54	7,152.39	25.86	30.82	-106.64	463.11	-1,225.39	866.84	812.55	54.28	15.968		
7,200.00	6,937.12	7,613.43	7,152.17	26.34	29.12	-104.02	463.57	-1,149.28	852.96	798.89	54.07	15.775		
7,300.00	6,988.68	7,513.26	7,150.33	27.07	27.01	-100.78	464.09	-1,049.15	845.40	792.06	53.34	15.849		
7,400.00	7,026.26	7,392.72	7,130.32	28.05	24.66	-96.75	463.66	-930.47	839.64	787.21	52.44	16.013		
7,500.00	7,048.92	7,286.38	7,094.41	29.28	22.83	-93.06	462.19	-830.51	835.29	783.16	52.13	16.025		
7,600.00	7,056.33	7,190.66	7,048.29	30.70	21.44	-89.64	460.01	-746.77	832.70	780.42	52.28	15.928		
7,642.44	7,057.16	7,154.01	7,027.39	31.38	20.97	-88.16	458.98	-716.69	832.36	779.85	52.51	15.852		
7,700.00	7,058.28	7,109.02	6,999.42	32.32	20.45	-86.18	457.56	-681.48	833.11	780.23	52.89	15.752		
7,800.00	7,060.24	7,042.46	6,953.68	34.12	19.77	-82.98	455.19	-633.24	838.86	785.06	53.80	15.593		
7,900.00	7,062.19	6,988.27	6,912.88	36.08	19.29	-80.16	453.03	-597.67	851.55	796.75	54.80	15.540 SF		
8,000.00	7,064.15	6,943.90	6,877.32	38.17	18.94	-77.73	451.12	-571.21	872.11	816.38	55.73	15.648		
8,100.00	7,066.11	6,907.22	6,846.60	40.38	18.67	-75.66	449.44	-551.25	900.85	844.34	56.51	15.940		
8,200.00	7,068.06	6,876.60	6,820.10	42.68	18.47	-73.90	447.99	-535.97	937.61	880.51	57.10	16.420		
8,300.00	7,070.02	6,850.00	6,796.52	45.06	18.31	-72.36	446.69	-523.75	981.88	924.40	57.48	17.083		
8,400.00	7,071.97	6,828.71	6,777.29	47.50	18.19	-71.12	445.62	-514.68	1,032.97	975.28	57.69	17.906		
8,500.00	7,073.93	6,800.00	6,750.90	50.01	18.03	-69.45	444.15	-503.48	1,090.20	1,032.52	57.68	18.900		
8,600.00	7,075.89	6,800.00	6,750.90	52.56	18.03	-69.45	444.15	-503.48	1,152.59	1,094.88	57.71	19.973		

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		Minimum Separation		Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	3.00	-3.00	3.28	3.28	61.44	98.36	180.71	205.74					
100.00	100.00	103.00	97.00	3.28	3.28	61.44	98.36	180.71	205.74	198.21	7.53	27.332		
200.00	200.00	203.00	197.00	3.30	3.30	61.44	98.36	180.71	205.74	198.17	7.57	27.180	CC, ES	
200.00	200.00	203.00	197.00	3.30	3.30	61.44	98.36	180.71	205.74	198.17	7.57	27.180		
300.00	300.00	298.53	298.53	3.34	3.34	164.27	98.60	180.37	205.98	198.33	7.65	26.920		
400.00	399.93	401.72	401.64	3.40	3.41	163.64	100.68	177.43	207.83	200.05	7.77	26.736		
500.00	499.68	504.71	504.37	3.49	3.50	162.37	104.91	171.48	211.53	203.59	7.94	26.638		
600.00	599.13	607.37	606.45	3.60	3.62	160.56	111.25	162.56	217.24	209.08	8.16	26.631		
700.00	698.15	707.20	705.43	3.74	3.76	158.63	118.73	152.04	225.58	217.15	8.43	26.770		
800.00	796.63	806.34	803.74	3.93	3.93	157.13	126.17	141.56	237.33	228.58	8.75	27.137		
900.00	894.44	905.12	901.68	4.16	4.11	156.07	133.59	131.12	252.36	243.25	9.11	27.701		
1,000.00	991.54	1,003.46	999.20	4.44	4.31	155.43	140.98	120.73	270.30	260.78	9.52	28.395		
1,100.00	1,088.51	1,101.72	1,096.62	4.76	4.53	154.99	148.36	110.34	288.78	278.82	9.95	29.010		
1,200.00	1,185.47	1,200.03	1,194.05	5.11	4.76	154.61	155.74	99.96	307.27	296.85	10.42	29.483		
1,300.00	1,282.44	1,301.77	1,291.47	5.48	5.01	154.27	163.12	89.57	325.77	314.84	10.93	29.818		
1,400.00	1,379.40	1,403.52	1,388.90	5.87	5.27	153.96	170.50	79.19	344.28	332.83	11.45	30.059		
1,500.00	1,476.37	1,494.74	1,486.33	6.27	5.51	153.69	177.88	68.81	362.80	350.83	11.98	30.296		
1,600.00	1,573.34	1,607.00	1,583.75	6.69	5.82	153.44	185.26	58.42	381.33	368.76	12.57	30.336		
1,700.00	1,670.30	1,708.75	1,681.18	7.11	6.09	153.22	192.64	48.04	399.87	386.72	13.14	30.426		
1,800.00	1,767.27	1,789.51	1,778.61	7.35	6.21	153.01	200.02	37.65	418.41	405.35	13.06	32.038		
1,900.00	1,864.23	1,887.76	1,876.03	7.42	6.26	152.83	207.40	27.27	436.95	423.81	13.14	33.257		
2,000.00	1,961.20	1,986.02	1,973.46	7.53	6.30	152.66	214.78	16.88	455.50	442.26	13.24	34.398		
2,100.00	2,058.17	2,084.28	2,070.89	7.66	6.37	152.50	222.16	6.50	474.05	460.67	13.38	35.423		
2,200.00	2,155.13	2,182.53	2,168.31	7.82	6.45	152.35	229.54	-3.89	492.61	479.05	13.56	36.329		
2,300.00	2,252.10	2,280.79	2,265.74	8.01	6.54	152.22	236.92	-14.27	511.16	497.39	13.77	37.117		
2,400.00	2,349.06	2,379.04	2,363.17	8.23	6.65	152.09	244.30	-24.66	529.73	515.71	14.02	37.791		
2,500.00	2,446.03	2,477.30	2,460.59	8.47	6.78	151.97	251.68	-35.04	548.29	533.99	14.29	38.356		
2,600.00	2,543.00	2,575.56	2,558.02	8.73	6.92	151.86	259.06	-45.43	566.85	552.25	14.60	38.821		
2,700.00	2,639.96	2,673.81	2,655.45	9.01	7.07	151.76	266.44	-55.81	585.42	570.48	14.94	39.194		
2,800.00	2,736.93	2,772.07	2,752.87	9.30	7.23	151.66	273.82	-66.20	603.99	588.69	15.30	39.482		
2,900.00	2,833.89	2,870.32	2,850.30	9.62	7.41	151.57	281.20	-76.58	622.56	606.88	15.68	39.696		
3,000.00	2,930.86	2,968.58	2,947.73	9.95	7.59	151.49	288.58	-86.97	641.13	625.04	16.09	39.844		
3,100.00	3,027.82	3,066.83	3,045.15	10.29	7.79	151.41	295.96	-97.35	659.70	643.18	16.52	39.934		
3,200.00	3,124.79	3,165.09	3,142.58	10.64	7.99	151.33	303.34	-107.74	678.28	661.31	16.97	39.975		
3,300.00	3,221.76	3,263.35	3,240.01	11.01	8.20	151.26	310.72	-118.12	696.85	679.42	17.43	39.973		
3,400.00	3,318.72	3,361.60	3,337.43	11.39	8.42	151.19	318.10	-128.50	715.43	697.52	17.92	39.935		
3,500.00	3,415.69	3,459.86	3,434.86	11.77	8.65	151.13	325.48	-138.89	734.01	715.60	18.41	39.866		
3,600.00	3,512.65	3,558.11	3,532.28	12.16	8.88	151.06	332.86	-149.27	752.59	733.66	18.92	39.772		
3,700.00	3,609.62	3,656.37	3,629.71	12.56	9.12	151.01	340.24	-159.66	771.16	751.72	19.45	39.657		
3,800.00	3,706.59	3,754.63	3,727.14	12.97	9.37	150.95	347.62	-170.04	789.74	769.76	19.98	39.526		
3,900.00	3,803.55	3,852.88	3,824.56	13.38	9.62	150.90	355.00	-180.43	808.32	787.80	20.53	39.380		
4,000.00	3,900.52	3,951.14	3,921.99	13.80	9.87	150.85	362.38	-190.81	826.91	805.82	21.08	39.224		
4,100.00	3,997.48	4,049.39	4,019.42	14.22	10.13	150.80	369.76	-201.20	845.49	823.84	21.65	39.059		
4,200.00	4,094.45	4,147.65	4,116.84	14.65	10.40	150.75	377.14	-211.58	864.07	841.85	22.22	38.888		
4,300.00	4,191.42	4,245.91	4,214.27	15.08	10.66	150.70	384.52	-221.97	882.65	859.85	22.80	38.712		
4,400.00	4,288.38	4,344.16	4,311.70	15.52	10.93	150.66	391.90	-232.35	901.24	877.85	23.39	38.534		
4,500.00	4,385.35	4,442.42	4,409.12	15.95	11.21	150.62	399.28	-242.74	919.82	895.84	23.98	38.353		
4,600.00	4,482.31	4,540.67	4,506.55	16.40	11.48	150.58	406.66	-253.12	938.40	913.82	24.58	38.171		
4,700.00	4,579.28	4,638.93	4,603.98	16.84	11.76	150.54	414.04	-263.51	956.99	931.80	25.19	37.990		
4,800.00	4,676.25	4,737.19	4,701.40	17.29	12.05	150.51	421.42	-273.89	975.57	949.77	25.80	37.809		
4,900.00	4,773.21	4,835.44	4,798.83	17.74	12.33	150.47	428.80	-284.28	994.16	967.74	26.42	37.630		
5,000.00	4,870.18	4,933.70	4,896.26	18.19	12.62	150.44	436.18	-294.66	1,012.74	985.70	27.04	37.452		
5,100.00	4,967.14	5,031.95	4,993.68	18.65	12.91	150.40	443.56	-305.05	1,031.33	1,003.66	27.67	37.277		
5,200.00	5,064.11	5,130.21	5,091.11	19.10	13.20	150.37	450.94	-315.43	1,049.92	1,021.62	28.30	37.104		
5,300.00	5,161.07	5,228.47	5,188.54	19.56	13.49	150.34	458.32	-325.82	1,068.50	1,039.57	28.93	36.934		
5,400.00	5,258.04	5,326.72	5,285.96	20.02	13.78	150.31	465.70	-336.20	1,087.09	1,057.52	29.57	36.767		
5,500.00	5,355.01	5,424.98	5,383.39	20.49	14.08	150.29	473.08	-346.58	1,105.68	1,075.47	30.21	36.602		
5,600.00	5,451.97	5,523.23	5,480.82	20.95	14.38	150.26	480.46	-356.97	1,124.26	1,093.41	30.85	36.441		
5,700.00	5,548.94	5,621.49	5,578.24	21.41	14.68	150.23	487.84	-367.35	1,142.85	1,111.35	31.50	36.284		
5,800.00	5,645.90	5,719.75	5,675.67	21.88	14.98	150.21	495.22	-377.74	1,161.44	1,129.29	32.15	36.129		
5,900.00	5,742.87	5,818.00	5,773.09	22.35	15.28	150.18	502.60	-388.12	1,180.03	1,147.23	32.80	35.978		
6,000.00	5,839.84	5,916.26	5,870.52	22.82	15.58	150.16	509.98	-398.51	1,198.62	1,165.16	33.45	35.830		
6,400.00	6,227.70	7,670.71	6,962.55	24.70	34.59	113.12	595.42	-1,379.99	1,172.99	1,124.18	48.80	24.034		
6,500.00	6,325.19	7,708.11	6,962.52	25.04	35.50	116.23	595.48	-1,401.18	1,118.79	1,067.06	51.73	21.627		
6,600.00	6,424.66	7,701.01	6,962.51	25.19	35.32	-174.55	595.50	-1,408.28	1,070.00	1,016.30	53.70	19.925		
6,700.00	6,524.02	7,709.58	6,962.52	25.27	35.54	-114.22	595.48	-1,399.71	1,028.74	972.88	55.87	18.414		

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	
6,800.00	6,620.84	7,666.38	6,962.56	25.32	34.48	-106.54	595.40	-1,375.67	996.62	940.01	56.61	17.605		
6,900.00	6,712.73	7,627.47	6,962.62	25.41	33.54	-103.18	595.28	-1,336.76	974.25	917.17	57.09	17.066		
7,000.00	6,797.42	7,574.65	6,962.70	25.56	32.28	-100.07	595.12	-1,283.94	961.15	904.24	56.91	16.888 SF		
7,100.00	6,872.84	7,509.21	6,962.80	25.86	30.76	-96.65	594.93	-1,218.50	955.83	899.61	56.22	17.002		
7,140.42	6,900.26	7,479.54	6,962.84	26.05	30.10	-95.21	594.84	-1,188.83	955.42	899.55	55.88	17.098		
7,200.00	6,937.12	7,432.77	6,962.92	26.34	29.06	-93.09	594.70	-1,142.06	956.17	900.92	55.25	17.306		
7,300.00	6,988.68	7,344.56	6,962.12	27.07	27.18	-89.64	594.36	-1,053.87	959.72	905.57	54.15	17.722		
7,400.00	7,026.26	7,253.80	6,950.94	28.05	25.36	-86.36	593.23	-963.88	964.28	911.01	53.27	18.102		
7,500.00	7,048.92	7,168.71	6,928.98	29.28	23.80	-83.42	591.32	-881.76	969.25	916.44	52.81	18.354		
7,600.00	7,056.33	7,088.13	6,898.29	30.70	22.48	-80.89	588.77	-807.36	974.25	921.54	52.71	18.483		
7,700.00	7,058.28	7,015.28	6,862.68	32.32	21.43	-78.74	585.88	-743.91	981.40	928.41	52.99	18.520		
7,800.00	7,060.24	6,950.00	6,824.81	34.12	20.61	-76.49	582.86	-690.86	992.88	939.36	53.52	18.550		
7,900.00	7,062.19	6,900.00	6,792.26	36.08	20.06	-74.58	580.29	-653.02	1,009.64	955.33	54.32	18.588		
8,000.00	7,064.15	6,850.00	6,756.84	38.17	19.57	-72.55	577.51	-617.85	1,032.33	977.26	55.07	18.746		
8,100.00	7,066.11	6,811.05	6,727.41	40.38	19.23	-70.89	575.21	-592.45	1,061.27	1,005.42	55.86	19.000		
8,200.00	7,068.06	6,776.61	6,700.14	42.68	18.96	-69.37	573.09	-571.53	1,096.51	1,039.95	56.55	19.389		
8,300.00	7,070.02	6,750.00	6,678.32	45.06	18.75	-68.18	571.39	-556.40	1,137.85	1,080.68	57.17	19.903		
8,400.00	7,071.97	6,720.86	6,653.72	47.50	18.55	-66.86	569.49	-540.89	1,184.93	1,127.31	57.62	20.564		

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	96.81	-21.49	179.87	181.15					
100.00	100.00	103.00	97.00	3.28	3.28	96.81	-21.49	179.87	181.15	173.62	7.53	24.065		
200.00	200.00	203.00	197.00	3.30	3.30	96.81	-21.49	179.87	181.15	173.58	7.57	23.931		
200.00	200.00	203.00	197.00	3.30	3.30	96.81	-21.49	179.87	181.15	173.58	7.57	23.931	CC, ES	
300.00	300.00	298.99	298.99	3.34	3.34	-160.23	-21.78	179.57	181.30	173.65	7.65	23.701		
400.00	399.93	403.20	403.12	3.40	3.40	-159.73	-24.30	176.89	182.33	174.57	7.76	23.488		
500.00	499.68	507.32	506.97	3.49	3.49	-158.70	-29.40	171.45	184.35	176.43	7.92	23.275		
600.00	599.13	611.30	610.34	3.60	3.60	-157.20	-37.07	163.29	187.45	179.32	8.13	23.057		
700.00	698.15	712.56	710.65	3.74	3.75	-155.49	-46.54	153.20	192.15	183.75	8.40	22.878		
800.00	796.63	812.16	809.28	3.93	3.92	-154.23	-56.03	143.10	199.99	191.27	8.73	22.921		
900.00	894.44	911.52	907.67	4.16	4.12	-153.46	-65.49	133.02	211.02	201.92	9.10	23.181		
1,000.00	991.54	1,010.55	1,005.74	4.44	4.33	-153.16	-74.93	122.97	224.89	215.36	9.53	23.597		
1,100.00	1,088.51	1,109.50	1,103.73	4.76	4.56	-153.02	-84.36	112.93	239.26	229.27	9.99	23.952		
1,200.00	1,185.47	1,208.46	1,201.73	5.11	4.81	-152.89	-93.78	102.89	253.64	243.16	10.48	24.197		
1,300.00	1,282.44	1,307.42	1,299.73	5.48	5.07	-152.78	-103.21	92.85	268.02	257.01	11.00	24.355		
1,400.00	1,379.40	1,406.38	1,397.72	5.87	5.34	-152.67	-112.64	82.81	282.39	270.84	11.55	24.447		
1,500.00	1,476.37	1,505.34	1,495.72	6.27	5.62	-152.58	-122.07	72.77	296.77	284.65	12.12	24.487		
1,600.00	1,573.34	1,604.30	1,593.72	6.69	5.91	-152.50	-131.50	62.73	311.15	298.45	12.71	24.488		
1,700.00	1,670.30	1,703.26	1,691.71	7.11	6.20	-152.42	-140.92	52.69	325.53	312.23	13.31	24.460		
1,800.00	1,767.27	1,802.22	1,789.71	7.55	6.35	-152.35	-150.35	42.65	339.92	326.66	13.25	25.646		
1,900.00	1,864.23	1,901.18	1,887.71	7.42	6.39	-152.29	-159.78	32.61	354.30	340.98	13.32	26.600		
2,000.00	1,961.20	2,000.14	1,985.70	7.53	6.44	-152.23	-169.21	22.57	368.68	355.25	13.43	27.460		
2,100.00	2,058.17	2,100.90	2,083.70	7.66	6.52	-152.18	-178.64	12.53	383.06	369.49	13.57	28.219		
2,200.00	2,155.13	2,201.94	2,181.70	7.82	6.61	-152.13	-188.06	2.49	397.44	383.68	13.76	28.877		
2,300.00	2,252.10	2,302.98	2,279.69	8.01	6.73	-152.08	-197.49	-7.55	411.83	397.84	13.99	29.438		
2,400.00	2,349.06	2,395.98	2,377.69	8.23	6.85	-152.04	-206.92	-17.59	426.21	411.97	14.24	29.926		
2,500.00	2,446.03	2,505.06	2,475.69	8.47	7.00	-152.00	-216.35	-27.63	440.59	426.04	14.55	30.284		
2,600.00	2,543.00	2,606.10	2,573.68	8.73	7.16	-151.96	-225.78	-37.66	454.98	440.10	14.88	30.581		
2,700.00	2,639.96	2,707.14	2,671.68	9.01	7.34	-151.92	-235.20	-47.70	469.36	454.12	15.24	30.805		
2,800.00	2,736.93	2,791.82	2,769.68	9.30	7.50	-151.89	-244.63	-57.74	483.74	468.15	15.59	31.022		
2,900.00	2,833.89	2,890.78	2,867.67	9.62	7.69	-151.86	-254.06	-67.78	498.13	482.13	16.00	31.133		
3,000.00	2,930.86	2,989.74	2,965.67	9.95	7.90	-151.83	-263.49	-77.82	512.51	496.08	16.43	31.194		
3,100.00	3,027.82	3,088.70	3,063.67	10.29	8.11	-151.80	-272.92	-87.86	526.90	510.02	16.88	31.212		
3,200.00	3,124.79	3,187.66	3,161.66	10.64	8.34	-151.77	-282.34	-97.90	541.28	523.93	17.35	31.193		
3,300.00	3,221.76	3,286.62	3,259.66	11.01	8.57	-151.75	-291.77	-107.94	555.67	537.82	17.84	31.144		
3,400.00	3,318.72	3,385.58	3,357.66	11.39	8.81	-151.72	-301.20	-117.98	570.05	551.70	18.35	31.068		
3,500.00	3,415.69	3,484.54	3,455.65	11.77	9.06	-151.70	-310.63	-128.02	584.44	565.57	18.87	30.972		
3,600.00	3,512.65	3,583.50	3,553.65	12.16	9.32	-151.68	-320.06	-138.06	598.82	579.42	19.41	30.858		
3,700.00	3,609.62	3,682.46	3,651.65	12.56	9.58	-151.66	-329.48	-148.10	613.21	593.25	19.95	30.730		
3,800.00	3,706.59	3,781.42	3,749.64	12.97	9.85	-151.64	-338.91	-158.14	627.59	607.08	20.51	30.592		
3,900.00	3,803.55	3,880.38	3,847.64	13.38	10.12	-151.62	-348.34	-168.18	641.98	620.89	21.09	30.445		
4,000.00	3,900.52	3,979.34	3,945.64	13.80	10.40	-151.60	-357.77	-178.22	656.36	634.69	21.67	30.292		
4,100.00	3,997.48	4,078.30	4,043.63	14.22	10.68	-151.58	-367.20	-188.26	670.75	648.49	22.26	30.134		
4,200.00	4,094.45	4,177.26	4,141.63	14.65	10.97	-151.56	-376.62	-198.30	685.13	662.27	22.86	29.973		
4,300.00	4,191.42	4,276.22	4,239.63	15.08	11.26	-151.55	-386.05	-208.34	699.52	676.05	23.47	29.811		
4,400.00	4,288.38	4,375.18	4,337.62	15.52	11.56	-151.53	-395.48	-218.38	713.90	689.82	24.08	29.648		
4,500.00	4,385.35	4,474.13	4,435.62	15.95	11.85	-151.52	-404.91	-228.42	728.29	703.59	24.70	29.485		
4,600.00	4,482.31	4,573.09	4,533.62	16.40	12.15	-151.50	-414.34	-238.46	742.67	717.35	25.33	29.323		
4,700.00	4,579.28	4,672.05	4,631.61	16.84	12.46	-151.49	-423.76	-248.50	757.06	731.10	25.96	29.162		
4,800.00	4,676.25	4,771.01	4,729.61	17.29	12.76	-151.48	-433.19	-258.54	771.45	744.85	26.60	29.003		
4,900.00	4,773.21	4,869.97	4,827.61	17.74	13.07	-151.46	-442.62	-268.58	785.83	758.59	27.24	28.846		
5,000.00	4,870.18	4,968.93	4,925.60	18.19	13.38	-151.45	-452.05	-278.62	800.22	772.33	27.89	28.692		
5,100.00	4,967.14	5,067.89	5,023.60	18.65	13.69	-151.44	-461.48	-288.66	814.60	786.06	28.54	28.541		
5,200.00	5,064.11	5,166.85	5,121.60	19.10	14.01	-151.43	-470.90	-298.70	828.99	799.79	29.20	28.392		
5,300.00	5,161.07	5,265.81	5,219.59	19.56	14.32	-151.42	-480.33	-308.74	843.37	813.52	29.86	28.246		
5,400.00	5,258.04	5,364.77	5,317.59	20.02	14.64	-151.41	-489.76	-318.78	857.76	827.24	30.52	28.104		
5,500.00	5,355.01	5,463.73	5,415.59	20.49	14.96	-151.40	-499.19	-328.82	872.15	840.96	31.19	27.965		
5,600.00	5,451.97	5,562.69	5,513.58	20.95	15.28	-151.39	-508.62	-338.86	886.53	854.67	31.86	27.828		
5,700.00	5,548.94	5,661.65	5,611.58	21.41	15.61	-151.38	-518.04	-348.89	900.92	868.39	32.53	27.695		
5,800.00	5,645.90	5,760.61	5,709.58	21.88	15.93	-151.37	-527.47	-358.93	915.30	882.10	33.20	27.565		
5,900.00	5,742.87	5,859.57	5,807.57	22.35	16.26	-151.36	-536.90	-368.97	929.69	895.81	33.88	27.439		
6,000.00	5,839.84	5,958.53	5,905.57	22.82	16.58	-151.35	-546.33	-379.01	944.07	909.51	34.56	27.315		
6,100.00	5,936.80	6,057.49	6,003.57	23.29	16.91	-151.34	-555.76	-389.05	958.46	923.22	35.24	27.194		
6,200.00	6,033.77	6,156.45	6,101.56	23.76	17.24	-151.33	-565.18	-399.09	972.85	936.92	35.93	27.077		
6,300.00	6,130.73	6,255.41	6,199.56	24.23	17.57	-151.33	-574.61	-409.13	987.23	950.62	36.62	26.962		
6,400.00	6,227.70	6,354.37	6,297.62	24.70	17.90	-151.32	-584.04	-419.17	1001.61	964.32	37.31	26.848		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
6,500.00	6,325.19	7,905.64	7,158.06	25.04	35.63	-92.22	-673.01	-1,403.12	906.59	871.80	34.79	26.056		
6,600.00	6,424.66	7,912.66	7,158.04	25.19	35.80	6.30	-673.06	-1,410.14	813.32	777.11	36.21	22.460		
6,700.00	6,524.02	7,904.00	7,158.06	25.27	35.58	88.86	-673.00	-1,401.48	721.76	683.99	37.77	19.112		
6,800.00	6,620.84	7,879.88	7,158.13	25.32	35.02	109.14	-672.84	-1,377.36	634.74	595.23	39.51	16.066		
6,900.00	6,712.73	7,840.90	7,158.25	25.41	34.11	117.75	-672.58	-1,338.38	555.07	513.63	41.44	13.393		
7,000.00	6,797.42	7,788.01	7,158.40	25.56	32.89	121.01	-672.23	-1,285.49	485.35	441.82	43.53	11.151		
7,100.00	6,872.84	7,722.52	7,158.60	25.86	31.44	121.08	-671.80	-1,220.00	427.64	382.00	45.64	9.371		
7,200.00	6,937.12	7,646.03	7,158.82	26.34	29.83	119.09	-671.29	-1,143.52	383.08	335.53	47.55	8.056		
7,300.00	6,988.68	7,548.44	7,157.98	27.07	27.88	115.06	-670.54	-1,045.95	350.98	301.80	49.18	7.136		
7,400.00	7,026.26	7,429.89	7,140.39	28.05	25.73	108.08	-668.05	-928.91	324.04	273.07	50.96	6.358		
7,500.00	7,048.92	7,324.62	7,106.91	29.28	24.09	100.34	-664.16	-829.31	302.37	250.04	52.33	5.779		
7,600.00	7,056.33	7,229.38	7,062.91	30.70	22.84	91.80	-659.38	-745.08	288.28	235.29	52.99	5.440		
7,686.17	7,058.01	7,158.00	7,022.00	32.09	22.05	83.31	-655.07	-686.80	283.59	230.69	52.90	5.360 SF		
7,700.00	7,058.28	7,147.62	7,015.51	32.32	21.94	81.96	-654.40	-678.71	283.73	230.93	52.80	5.374		
7,800.00	7,060.24	7,080.53	6,970.55	34.12	21.32	72.75	-649.76	-629.18	294.25	242.75	51.50	5.714		
7,900.00	7,062.19	7,025.63	6,930.06	36.08	20.87	64.93	-645.64	-592.37	322.90	273.46	49.44	6.531		
8,000.00	7,064.15	6,980.51	6,894.51	38.17	20.54	58.63	-642.05	-564.82	368.41	321.02	47.39	7.774		
8,100.00	7,066.11	6,943.11	6,863.63	40.38	20.29	53.64	-638.96	-543.96	427.23	381.47	45.76	9.336		
8,200.00	7,068.06	6,911.81	6,836.89	42.68	20.09	49.71	-636.30	-527.92	495.76	451.17	44.59	11.119		
8,300.00	7,070.02	6,885.36	6,813.70	45.06	19.94	46.57	-634.00	-515.41	571.22	527.46	43.76	13.054		
8,400.00	7,071.97	6,862.77	6,793.50	47.50	19.81	44.04	-632.00	-505.51	651.67	608.50	43.17	15.095		
8,500.00	7,073.93	6,850.00	6,781.93	50.01	19.74	42.68	-630.86	-500.22	735.83	693.08	42.75	17.211		
8,600.00	7,075.89	6,826.41	6,760.28	52.56	19.62	40.27	-628.73	-491.08	822.60	780.18	42.42	19.390		
8,700.00	7,077.84	6,800.00	6,735.67	55.16	19.49	37.75	-626.31	-481.82	911.70	869.52	42.18	21.616		
8,800.00	7,079.80	6,800.00	6,735.67	57.79	19.49	37.75	-626.31	-481.82	1,002.09	960.10	41.99	23.865		
8,900.00	7,081.76	6,800.00	6,735.67	60.45	19.49	37.75	-626.31	-481.82	1,094.14	1,052.32	41.82	26.161		
9,000.00	7,083.71	6,776.56	6,713.53	63.14	19.38	35.67	-624.15	-474.46	1,186.83	1,145.12	41.72	28.450		

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	
0.00	0.00	3.00	-3.00	3.28	3.28	90.47	-1.47	179.87	179.88					
100.00	100.00	103.00	97.00	3.28	3.28	90.47	-1.47	179.87	179.88	172.35	7.53	23.896		
200.00	200.00	203.00	197.00	3.30	3.30	90.47	-1.47	179.87	179.88	172.31	7.57	23.763		
300.00	300.00	299.63	299.63	3.34	3.34	-166.59	-1.70	179.51	179.96	172.31	7.65	23.524		
400.00	399.93	405.21	405.13	3.40	3.40	-166.22	-3.70	176.31	180.34	172.58	7.76	23.232		
500.00	499.68	510.75	510.39	3.49	3.49	-165.45	-7.75	169.81	181.04	173.12	7.92	22.865		
600.00	599.13	616.22	615.23	3.60	3.61	-164.31	-13.86	160.05	182.09	173.98	8.12	22.434		
700.00	698.15	716.05	714.24	3.74	3.76	-163.22	-20.58	149.29	185.10	176.72	8.38	22.091		
800.00	796.63	815.81	813.20	3.93	3.92	-162.46	-27.30	138.54	191.48	182.80	8.69	22.038		
900.00	894.44	915.32	911.90	4.16	4.12	-162.03	-34.00	127.82	201.21	192.16	9.05	22.245		
1,000.00	991.54	1,014.51	1,010.28	4.44	4.32	-161.92	-40.67	117.13	213.94	204.49	9.45	22.650		
1,100.00	1,088.51	1,113.62	1,108.60	4.76	4.55	-161.91	-47.35	106.45	227.21	217.34	9.87	23.015		
1,200.00	1,185.47	1,212.74	1,206.91	5.11	4.79	-161.90	-54.02	95.77	240.48	230.15	10.33	23.280		
1,300.00	1,282.44	1,311.85	1,305.22	5.48	5.04	-161.89	-60.70	85.09	253.76	242.94	10.81	23.464		
1,400.00	1,379.40	1,410.97	1,403.53	5.87	5.30	-161.89	-67.37	74.41	267.03	255.71	11.32	23.588		
1,500.00	1,476.37	1,510.08	1,501.84	6.27	5.57	-161.88	-74.04	63.73	280.30	268.46	11.85	23.661		
1,600.00	1,573.34	1,609.20	1,600.15	6.69	5.85	-161.87	-80.72	53.05	293.58	281.19	12.39	23.696		
1,700.00	1,670.30	1,708.31	1,698.47	7.11	6.13	-161.87	-87.39	42.37	306.85	293.90	12.95	23.702		
1,800.00	1,767.27	1,807.43	1,796.78	7.55	6.27	-161.86	-94.07	31.69	320.12	307.26	12.86	24.896		
1,900.00	1,864.23	1,906.54	1,895.09	7.42	6.30	-161.86	-100.74	21.01	333.40	320.50	12.90	25.845		
2,000.00	1,961.20	2,005.66	1,993.40	7.53	6.35	-161.85	-107.41	10.33	346.67	333.68	12.99	26.696		
2,100.00	2,058.17	2,104.78	2,091.71	7.66	6.42	-161.85	-114.09	-0.35	359.94	346.83	13.11	27.454		
2,200.00	2,155.13	2,203.89	2,190.02	7.82	6.50	-161.85	-120.76	-11.03	373.22	359.95	13.27	28.125		
2,300.00	2,252.10	2,303.01	2,288.34	8.01	6.61	-161.84	-127.44	-21.71	386.49	373.03	13.46	28.706		
2,400.00	2,349.06	2,402.12	2,386.65	8.23	6.73	-161.84	-134.11	-32.39	399.76	386.07	13.69	29.200		
2,500.00	2,446.03	2,501.24	2,484.96	8.47	6.86	-161.84	-140.78	-43.08	413.04	399.09	13.95	29.611		
2,600.00	2,543.00	2,600.35	2,583.27	8.73	7.01	-161.83	-147.46	-53.76	426.31	412.07	14.24	29.946		
2,700.00	2,639.96	2,699.47	2,681.58	9.01	7.17	-161.83	-154.13	-64.44	439.58	425.03	14.55	30.210		
2,800.00	2,736.93	2,801.42	2,779.90	9.30	7.35	-161.83	-160.80	-75.12	452.86	437.96	14.90	30.401		
2,900.00	2,833.89	2,902.30	2,878.21	9.62	7.54	-161.83	-167.48	-85.80	466.13	450.87	15.26	30.538		
3,000.00	2,930.86	3,003.19	2,976.52	9.95	7.74	-161.82	-174.15	-96.48	479.40	463.75	15.65	30.625		
3,100.00	3,027.82	3,104.07	3,074.83	10.29	7.95	-161.82	-180.83	-107.16	492.68	476.61	16.07	30.667		
3,200.00	3,124.79	3,204.96	3,173.14	10.64	8.17	-161.82	-187.50	-117.84	505.95	489.45	16.50	30.672		
3,300.00	3,221.76	3,305.84	3,271.45	11.01	8.40	-161.82	-194.17	-128.52	519.22	502.28	16.94	30.644		
3,400.00	3,318.72	3,406.73	3,369.77	11.39	8.64	-161.82	-200.85	-139.20	532.50	515.09	17.41	30.589		
3,500.00	3,415.69	3,507.61	3,468.08	11.77	8.88	-161.81	-207.52	-149.88	545.77	527.88	17.89	30.511		
3,600.00	3,512.65	3,608.50	3,566.39	12.16	9.13	-161.81	-214.20	-160.56	559.04	540.66	18.38	30.415		
3,700.00	3,609.62	3,709.38	3,664.70	12.56	9.39	-161.81	-220.87	-171.24	572.32	553.43	18.89	30.303		
3,800.00	3,706.59	3,789.73	3,763.01	12.97	9.60	-161.81	-227.54	-181.92	585.59	566.24	19.36	30.255		
3,900.00	3,803.55	3,888.85	3,861.33	13.38	9.86	-161.81	-234.22	-192.60	598.86	578.99	19.88	30.127		
4,000.00	3,900.52	3,987.96	3,959.64	13.80	10.13	-161.81	-240.89	-203.28	612.14	591.73	20.41	29.991		
4,100.00	3,997.48	4,087.08	4,057.95	14.22	10.40	-161.81	-247.57	-213.96	625.41	604.46	20.95	29.850		
4,200.00	4,094.45	4,186.19	4,156.26	14.65	10.67	-161.80	-254.24	-224.64	638.68	617.18	21.50	29.704		
4,300.00	4,191.42	4,285.31	4,254.57	15.08	10.95	-161.80	-260.91	-235.32	651.96	629.90	22.06	29.555		
4,400.00	4,288.38	4,384.42	4,352.88	15.52	11.23	-161.80	-267.59	-246.00	665.23	642.61	22.62	29.404		
4,500.00	4,385.35	4,483.54	4,451.20	15.95	11.52	-161.80	-274.26	-256.68	678.50	655.31	23.20	29.252		
4,600.00	4,482.31	4,582.65	4,549.51	16.40	11.81	-161.80	-280.94	-267.36	691.78	668.01	23.77	29.100		
4,700.00	4,579.28	4,681.77	4,647.82	16.84	12.10	-161.80	-287.61	-278.04	705.05	680.70	24.36	28.948		
4,800.00	4,676.25	4,780.88	4,746.13	17.29	12.40	-161.80	-294.28	-288.72	718.32	693.38	24.94	28.798		
4,900.00	4,773.21	4,880.00	4,844.44	17.74	12.69	-161.80	-300.96	-299.40	731.60	706.06	25.54	28.648		
5,000.00	4,870.18	4,979.12	4,942.75	18.19	12.99	-161.80	-307.63	-310.08	744.87	718.74	26.13	28.501		
5,100.00	4,967.14	5,078.23	5,041.07	18.65	13.29	-161.80	-314.30	-320.76	758.14	731.41	26.74	28.356		
5,200.00	5,064.11	5,177.35	5,139.38	19.10	13.59	-161.79	-320.98	-331.44	771.42	744.08	27.34	28.213		
5,300.00	5,161.07	5,276.46	5,237.69	19.56	13.90	-161.79	-327.65	-342.12	784.69	756.74	27.95	28.073		
5,400.00	5,258.04	5,375.58	5,336.00	20.02	14.21	-161.79	-334.33	-352.80	797.96	769.40	28.56	27.935		
5,500.00	5,355.01	5,474.69	5,434.31	20.49	14.51	-161.79	-341.00	-363.48	811.24	782.06	29.18	27.800		
5,600.00	5,451.97	5,573.81	5,532.63	20.95	14.82	-161.79	-347.67	-374.16	824.51	794.71	29.80	27.668		
5,700.00	5,548.94	5,672.92	5,630.94	21.41	15.13	-161.79	-354.35	-384.84	837.79	807.36	30.42	27.538		
5,800.00	5,645.90	5,772.04	5,729.25	21.88	15.45	-161.79	-361.02	-395.52	851.06	820.01	31.05	27.412		
5,900.00	5,742.87	5,871.15	5,827.56	22.35	15.76	-161.79	-367.70	-406.21	864.33	832.66	31.67	27.288		
6,000.00	5,839.84	5,970.27	5,925.87	22.82	16.07	-161.79	-374.37	-416.89	877.61	845.30	32.30	27.167		
6,100.00	5,936.80	6,069.38	6,024.18	23.29	16.39	-161.79	-381.04	-427.57	890.88	857.94	32.94	27.049		
6,200.00	6,033.77	6,168.49	6,123.20	23.76	16.71	-161.79	-387.71	-438.37	904.15	870.67	33.58	26.936		
6,300.00	6,130.73	6,267.59	6,222.21	24.23	17.03	-161.79	-394.38	-449.37	917.42	883.40	34.22	26.828		
6,400.00	6,227.70	6,376.69	6,331.22	24.70	17.35	-161.79	-401.39	-460.37	930.69	896.13	34.86	26.725		
6,500.00	6,324.66	6,485.79	6,436.23	25.17	17.67	-161.79	-408.40	-471.37	943.96	908.86	35.50	26.627		
6,600.00	6,421.63	6,594.89	6,541.24	25.64	17.99	-161.79	-415.41	-482.37	957.23	921.59	36.14	26.534		
6,700.00	6,518.59	6,703.99	6,646.25	26.11	18.31	-161.79	-422.42	-493.37	970.50	934.32	36.78	26.446		
6,800.00	6,615.56	6,813.09	6,751.26	26.58	18.63	-161.79	-429.43	-504.37	983.77	947.05	37.42	26.363		
6,900.00	6,712.52	6,922.19	6,856.27	27.05	18.95	-161.79	-436.44	-515.37	997.04	959.78	38.06	26.285		
7,000.00	6,809.49	7,031.29	6,961.28	27.52	19.27	-161.79	-443.45	-526.37	1,010.31	972.51	38.70	26.212		
7,100.00	6,906.45	7,140.39	7,066.29	28.00	19.59	-161.79	-450.46	-537.37	1,023.58	985.24	39.34	26.144		
7,200.00	7,003.42	7,249.49	7,171.30	28.47	19.91	-161.79	-457.47	-548.37	1,036.85	997.97	39.98	26.081		
7,300.00	7,100.38	7,358.59	7,276.31	28.94	20.23	-161.79	-464.48	-559.37	1,050.12	1,010.70	40.62	26.023		
7,400.00	7,197.35	7,467.69	7,381.32	29.41	20.55	-161.79	-471.49	-570.37	1,063.39	1,023.43	41.26	25.970		
7,500.00	7,294.31	7,576.79	7,486.33	29.88	20.87	-161.79	-478.50	-581.37	1,076.66	1,036.16	41.90	25.922		
7,600.00	7,391.28	7,685.89	7,591.34	30.35	21.19	-161.79	-485.51	-592.37	1,089.93	1,048.89	42.54	25.879		
7,700.00	7,488.24	7,794.99	7,696.35	30.82	21.51</									

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	
6,600.00	6,424.66	7,572.07	6,838.27	25.19	34.97	6.58	-439.67	-1,409.48	431.38	400.12	31.26	13.801		
6,700.00	6,524.02	7,563.77	6,838.26	25.27	34.76	100.28	-439.63	-1,401.18	334.45	301.69	32.76	10.209		
6,800.00	6,620.84	7,540.00	6,838.24	25.32	34.18	118.14	-439.54	-1,377.41	241.96	206.54	35.42	6.831		
6,900.00	6,712.73	7,501.34	6,838.21	25.41	33.24	117.62	-439.40	-1,338.76	159.09	118.00	41.10	3.871		
7,000.00	6,797.42	7,448.76	6,838.17	25.56	32.01	102.40	-439.20	-1,286.17	98.29	45.68	52.61	1.868		
7,064.54	6,847.28	7,408.01	6,838.13	25.75	31.05	83.81	-439.04	-1,245.43	84.68	28.11	56.57	1.497	Level 3, CC, ES, SF	
7,100.00	6,872.84	7,383.53	6,838.11	25.86	30.50	71.95	-438.95	-1,220.95	88.46	34.70	53.76	1.646		
7,200.00	6,937.12	7,307.28	6,838.05	26.34	28.80	43.84	-438.66	-1,144.70	123.51	81.76	41.75	2.958		
7,300.00	6,988.68	7,226.88	6,837.59	27.07	27.11	29.15	-438.32	-1,064.30	165.29	129.58	35.72	4.628		
7,400.00	7,026.26	7,156.51	6,831.20	28.05	25.70	21.78	-437.63	-994.26	206.00	172.64	33.35	6.176		
7,500.00	7,048.92	7,088.20	6,817.66	29.28	24.42	17.10	-436.46	-927.36	244.42	211.68	32.75	7.463		
7,600.00	7,056.33	7,021.55	6,797.63	30.70	23.26	14.09	-434.87	-863.83	279.44	246.42	33.02	8.464		
7,700.00	7,058.28	6,958.95	6,772.88	32.32	22.28	12.32	-432.99	-806.39	319.15	285.50	33.65	9.485		
7,800.00	7,060.24	6,900.00	6,744.53	34.12	21.45	10.69	-430.88	-754.78	367.46	333.10	34.36	10.695		
7,900.00	7,062.19	6,850.00	6,716.84	36.08	20.82	9.39	-428.86	-713.21	423.17	388.02	35.15	12.038		
8,000.00	7,064.15	6,800.00	6,685.98	38.17	20.26	8.18	-426.63	-673.95	485.25	449.45	35.80	13.554		
8,100.00	7,066.11	6,765.03	6,662.61	40.38	19.91	7.40	-424.95	-647.99	552.52	516.01	36.50	15.136		
8,200.00	7,068.06	6,729.08	6,637.14	42.68	19.57	6.66	-423.14	-622.69	624.27	587.24	37.03	16.856		
8,300.00	7,070.02	6,700.00	6,615.53	45.06	19.31	6.11	-421.61	-603.30	699.74	662.24	37.49	18.662		
8,400.00	7,071.97	6,668.71	6,591.31	47.50	19.06	5.55	-419.90	-583.57	778.27	740.42	37.85	20.563		
8,500.00	7,073.93	6,650.00	6,576.37	50.01	18.91	5.23	-418.85	-572.35	859.48	821.31	38.17	22.518		
8,600.00	7,075.89	6,620.62	6,552.28	52.56	18.70	4.77	-417.16	-555.63	942.75	904.35	38.41	24.546		
8,700.00	7,077.84	6,600.00	6,534.91	55.16	18.55	4.46	-415.95	-544.57	1,027.95	989.33	38.62	26.618		
8,800.00	7,079.80	6,581.83	6,519.32	57.79	18.43	4.20	-414.86	-535.30	1,114.72	1,075.93	38.79	28.734		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance						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	-179.20	-20.04	-0.28	20.04	12.52	7.53	2.663		
100.00	100.00	100.00	100.00	3.28	3.28	-179.20	-20.04	-0.28	20.04	12.47	7.57	2.648		
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-20.04	-0.28	20.04	12.35	7.62	2.620 CC		
271.07	271.07	271.02	271.02	3.33	3.33	-77.33	-20.07	-0.35	19.97	12.46	7.65	2.628		
300.00	300.00	299.86	299.86	3.34	3.34	-76.37	-20.20	-0.68	20.11	12.46	7.65	2.628		
400.00	399.93	399.59	399.52	3.40	3.40	-76.86	-21.50	-3.90	20.63	12.87	7.77	2.657		
500.00	499.68	499.31	499.00	3.49	3.49	-77.77	-24.10	-10.33	21.68	13.75	7.93	2.735		
600.00	599.13	599.02	598.16	3.60	3.59	-78.98	-28.00	-19.97	23.26	15.12	8.14	2.856		
700.00	698.15	698.72	696.89	3.74	3.74	-80.36	-33.18	-32.80	25.39	16.96	8.43	3.013		
800.00	796.63	798.40	795.05	3.93	3.92	-81.77	-39.64	-48.80	28.05	19.26	8.79	3.193		
900.00	894.44	898.05	892.54	4.16	4.15	-83.14	-47.38	-67.95	31.26	22.02	9.24	3.384		
1,000.00	991.54	1,002.26	989.30	4.44	4.44	-84.05	-56.36	-90.18	35.02	25.22	9.80	3.572		
1,100.00	1,088.51	1,102.34	1,086.01	4.76	4.77	-84.08	-65.77	-113.45	39.02	28.58	10.44	3.737		
1,200.00	1,185.47	1,197.58	1,182.73	5.11	5.11	-84.11	-75.17	-136.73	43.01	31.90	11.11	3.870		
1,300.00	1,282.44	1,302.50	1,279.44	5.48	5.51	-84.13	-84.57	-160.00	47.00	35.13	11.87	3.960		
1,400.00	1,379.40	1,397.42	1,376.16	5.87	5.88	-84.15	-93.98	-183.28	50.99	38.37	12.62	4.040		
1,500.00	1,476.37	1,502.66	1,472.88	6.27	6.32	-84.17	-103.38	-206.55	54.99	41.54	13.45	4.089		
1,600.00	1,573.34	1,597.26	1,569.59	6.69	6.72	-84.18	-112.78	-229.83	58.98	44.73	14.25	4.138		
1,700.00	1,670.30	1,702.82	1,666.31	7.11	7.18	-84.19	-122.19	-253.10	62.97	47.85	15.12	4.165		
1,800.00	1,767.27	1,802.90	1,763.02	7.55	7.42	-84.20	-131.59	-276.38	66.96	51.75	15.21	4.402		
1,900.00	1,864.23	1,902.98	1,859.74	7.42	7.49	-84.21	-141.00	-299.65	70.96	55.61	15.35	4.622		
2,000.00	1,961.20	2,003.06	1,956.45	7.53	7.60	-84.22	-150.40	-322.93	74.95	59.39	15.56	4.818		
2,100.00	2,058.17	2,103.14	2,053.17	7.66	7.74	-84.23	-159.80	-346.20	78.94	63.12	15.82	4.989		
2,200.00	2,155.13	2,203.22	2,149.89	7.82	7.91	-84.24	-169.21	-369.48	82.93	66.79	16.15	5.136		
2,300.00	2,252.10	2,303.30	2,246.60	8.01	8.10	-84.24	-178.61	-392.75	86.93	70.40	16.53	5.260		
2,400.00	2,349.06	2,403.38	2,343.32	8.23	8.33	-84.25	-188.01	-416.02	90.92	73.96	16.96	5.362		
2,500.00	2,446.03	2,503.46	2,440.03	8.47	8.57	-84.25	-197.42	-439.30	94.91	77.48	17.43	5.444		
2,600.00	2,543.00	2,603.54	2,536.75	8.73	8.84	-84.26	-206.82	-462.57	98.91	80.95	17.95	5.509		
2,700.00	2,639.96	2,696.39	2,633.46	9.01	9.11	-84.26	-216.22	-485.85	102.90	84.41	18.49	5.565		
2,800.00	2,736.93	2,803.69	2,730.18	9.30	9.44	-84.27	-225.63	-509.12	106.89	87.78	19.11	5.594		
2,900.00	2,833.89	2,903.77	2,826.90	9.62	9.76	-84.27	-235.03	-532.40	110.88	91.15	19.73	5.619		
3,000.00	2,930.86	3,003.85	2,923.61	9.95	10.10	-84.27	-244.43	-555.67	114.88	94.48	20.39	5.633		
3,100.00	3,027.82	3,103.93	3,020.33	10.29	10.46	-84.28	-253.84	-578.95	118.87	97.79	21.08	5.640		
3,200.00	3,124.79	3,204.01	3,117.04	10.64	10.82	-84.28	-263.24	-602.22	122.86	101.08	21.78	5.640		
3,300.00	3,221.76	3,304.09	3,213.76	11.01	11.20	-84.28	-272.64	-625.50	126.85	104.34	22.51	5.635		
3,400.00	3,318.72	3,404.17	3,310.47	11.39	11.58	-84.29	-282.05	-648.77	130.85	107.59	23.26	5.625		
3,500.00	3,415.69	3,504.25	3,407.19	11.77	11.98	-84.29	-291.45	-672.04	134.84	110.81	24.03	5.612		
3,600.00	3,512.65	3,604.33	3,503.91	12.16	12.38	-84.29	-300.86	-695.32	138.83	114.02	24.81	5.596		
3,700.00	3,609.62	3,695.59	3,600.62	12.56	12.76	-84.29	-310.26	-718.59	142.82	117.25	25.57	5.585		
3,800.00	3,706.59	3,804.49	3,697.34	12.97	13.21	-84.29	-319.66	-741.87	146.82	120.40	26.42	5.558		
3,900.00	3,803.55	3,904.57	3,794.05	13.38	13.63	-84.30	-329.07	-765.14	150.81	123.57	27.24	5.537		
4,000.00	3,900.52	4,004.65	3,890.77	13.80	14.06	-84.30	-338.47	-788.42	154.80	126.73	28.07	5.515		
4,100.00	3,997.48	4,104.73	3,987.48	14.22	14.50	-84.30	-347.87	-811.69	158.79	129.88	28.91	5.492		
4,200.00	4,094.45	4,195.19	4,084.20	14.65	14.89	-84.30	-357.28	-834.97	162.79	133.06	29.72	5.476		
4,300.00	4,191.42	4,304.89	4,180.92	15.08	15.38	-84.30	-366.68	-858.24	166.78	136.15	30.63	5.446		
4,400.00	4,288.38	4,404.97	4,277.63	15.52	15.82	-84.31	-376.08	-881.52	170.77	139.28	31.49	5.422		
4,500.00	4,385.35	4,505.05	4,374.35	15.95	16.27	-84.31	-385.49	-904.79	174.76	142.39	32.37	5.399		
4,600.00	4,482.31	4,605.13	4,471.06	16.40	16.73	-84.31	-394.89	-928.07	178.76	145.51	33.25	5.376		
4,700.00	4,579.28	4,705.21	4,567.78	16.84	17.18	-84.31	-404.29	-951.34	182.75	148.61	34.14	5.353		
4,800.00	4,676.25	4,805.29	4,664.49	17.29	17.64	-84.31	-413.70	-974.61	186.74	151.71	35.03	5.331		
4,900.00	4,773.21	4,905.37	4,761.21	17.74	18.10	-84.31	-423.10	-997.89	190.73	154.81	35.93	5.309		
5,000.00	4,870.18	5,005.45	4,857.93	18.19	18.57	-84.31	-432.50	-1,021.16	194.73	157.90	36.83	5.287		
5,100.00	4,967.14	5,105.53	4,954.64	18.65	19.03	-84.32	-441.91	-1,044.44	198.72	160.98	37.74	5.266		
5,200.00	5,064.11	5,205.61	5,051.36	19.10	19.50	-84.32	-451.31	-1,067.71	202.71	164.06	38.65	5.245		
5,300.00	5,161.07	5,294.31	5,148.07	19.56	19.92	-84.32	-460.72	-1,090.99	206.70	167.19	39.51	5.232		
5,400.00	5,258.04	5,405.77	5,244.79	20.02	20.44	-84.32	-470.12	-1,114.26	210.70	170.22	40.48	5.205		
5,500.00	5,355.01	5,494.15	5,341.50	20.49	20.86	-84.32	-479.52	-1,137.54	214.69	173.34	41.35	5.192		
5,600.00	5,451.97	5,605.93	5,438.22	20.95	21.39	-84.32	-488.93	-1,160.81	218.68	176.36	42.33	5.167		
5,700.00	5,548.94	5,706.01	5,534.94	21.41	21.86	-84.32	-498.33	-1,184.09	222.67	179.42	43.25	5.148		
5,800.00	5,645.90	5,806.09	5,631.65	21.88	22.34	-84.32	-507.73	-1,207.36	226.67	182.48	44.18	5.130		
5,900.00	5,742.87	5,906.17	5,728.37	22.35	22.82	-84.32	-517.14	-1,230.63	230.66	185.54	45.12	5.113		
6,000.00	5,839.84	6,006.25	5,825.08	22.82	23.30	-84.32	-526.54	-1,253.91	234.65	188.60	46.05	5.095		
6,100.00	5,936.80	6,106.33	5,921.80	23.29	23.78	-84.32	-535.94	-1,277.18	238.64	191.66	46.99	5.079		
6,200.00	6,033.77	6,193.59	6,018.51	23.76	24.20	-84.33	-545.35	-1,300.46	242.64	194.77	47.87	5.069		
6,300.00	6,130.73	6,306.49	6,115.23	24.23	24.75	-84.33	-554.75	-1,323.73	246.63	197.76	48.87	5.047		
6,400.00	6,227.70	6,406.57	6,211.95	24.70	25.23	-84.33	-564.15	-1,347.01	250.62	200.81	49.81	5.032		

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		
6,500.00	6,325.19	6,493.29	6,308.60	25.04	25.65	-76.42	-573.55	-1,370.27	254.26	203.76	50.50	5.034		
6,600.00	6,424.66	6,591.81	6,403.96	25.19	26.13	1.68	-582.82	-1,393.21	256.48	205.80	50.69	5.060		
6,700.00	6,524.02	6,687.71	6,498.25	25.27	26.32	70.28	-592.04	-1,407.56	259.67	209.47	50.20	5.173		
6,800.00	6,620.84	6,787.36	6,597.30	25.32	26.44	84.25	-601.79	-1,407.26	264.77	215.25	49.53	5.346		
6,900.00	6,712.73	6,891.00	6,698.97	25.41	26.51	91.98	-611.90	-1,390.50	271.57	222.75	48.82	5.563		
7,000.00	6,797.42	6,999.05	6,800.59	25.56	26.57	97.70	-622.09	-1,355.64	279.61	231.38	48.23	5.798		
7,100.00	6,872.84	7,111.78	6,898.77	25.86	26.68	102.30	-632.05	-1,301.43	288.28	240.35	47.93	6.015		
7,200.00	6,937.12	7,229.29	6,989.29	26.34	26.94	106.01	-641.37	-1,227.37	296.82	248.69	48.13	6.167		
7,300.00	6,988.68	7,351.36	7,067.34	27.07	27.42	108.93	-649.55	-1,134.10	304.46	255.37	49.09	6.203		
7,400.00	7,026.26	7,477.43	7,127.84	28.05	28.28	111.06	-656.09	-1,023.93	310.44	259.41	51.03	6.083		
7,500.00	7,048.92	7,606.51	7,166.19	29.28	29.55	112.41	-660.53	-900.99	314.14	260.17	53.97	5.820		
7,600.00	7,056.33	7,733.98	7,179.19	30.70	31.17	112.95	-662.48	-774.40	315.11	257.51	57.60	5.471		
7,700.00	7,058.28	7,833.98	7,181.04	32.32	32.68	112.97	-663.19	-674.42	314.57	253.99	60.58	5.193		
7,800.00	7,060.24	7,933.98	7,182.88	34.12	34.39	112.99	-663.91	-574.44	314.03	250.15	63.88	4.916		
7,900.00	7,062.19	8,033.98	7,184.73	36.08	36.27	113.01	-664.62	-474.46	313.49	246.01	67.48	4.646		
8,000.00	7,064.15	8,133.98	7,186.58	38.17	38.29	113.03	-665.33	-374.48	312.95	241.63	71.32	4.388		
8,100.00	7,066.11	8,233.98	7,188.42	40.38	40.44	113.05	-666.05	-274.50	312.41	237.04	75.37	4.145		
8,200.00	7,068.06	8,333.97	7,190.27	42.68	42.69	113.07	-666.76	-174.52	311.87	232.28	79.59	3.918		
8,300.00	7,070.02	8,433.97	7,192.12	45.06	45.03	113.09	-667.47	-74.55	311.33	227.37	83.96	3.708		
8,400.00	7,071.97	8,533.97	7,193.97	47.50	47.45	113.11	-668.19	25.43	310.79	222.34	88.46	3.513		
8,500.00	7,073.93	8,633.97	7,195.81	50.01	49.92	113.13	-668.90	125.41	310.26	217.19	93.06	3.334		
8,600.00	7,075.89	8,733.97	7,197.66	52.56	52.45	113.15	-669.61	225.39	309.72	211.96	97.76	3.168		
8,700.00	7,077.84	8,833.97	7,199.51	55.16	55.02	113.17	-670.33	325.37	309.18	206.65	102.53	3.015		
8,800.00	7,079.80	8,933.97	7,201.35	57.79	57.63	113.19	-671.04	425.35	308.64	201.27	107.37	2.874		
8,900.00	7,081.76	9,033.96	7,203.20	60.45	60.28	113.21	-671.75	525.33	308.10	195.83	112.27	2.744		
9,000.00	7,083.71	9,133.96	7,205.05	63.14	62.95	113.23	-672.47	625.31	307.56	190.34	117.22	2.624		
9,100.00	7,085.67	9,233.96	7,206.89	65.85	65.65	113.25	-673.18	725.29	307.02	184.80	122.22	2.512		
9,200.00	7,087.62	9,333.96	7,208.74	68.59	68.37	113.28	-673.89	825.26	306.49	179.23	127.25	2.408		
9,300.00	7,089.58	9,433.96	7,210.59	71.34	71.12	113.30	-674.61	925.24	305.95	173.62	132.32	2.312		
9,400.00	7,091.54	9,533.96	7,212.43	74.11	73.87	113.32	-675.32	1,025.22	305.41	167.99	137.42	2.222		
9,500.00	7,093.49	9,633.95	7,214.28	76.90	76.65	113.34	-676.03	1,125.20	304.87	162.32	142.55	2.139		
9,600.00	7,095.45	9,733.95	7,216.13	79.69	79.44	113.36	-676.75	1,225.18	304.33	156.63	147.70	2.060		
9,700.00	7,097.41	9,833.95	7,217.98	82.50	82.24	113.38	-677.46	1,325.16	303.79	150.92	152.87	1.987		
9,800.00	7,099.36	9,933.95	7,219.82	85.32	85.05	113.40	-678.17	1,425.14	303.25	145.19	158.06	1.919		
9,900.00	7,101.32	10,033.95	7,221.67	88.15	87.87	113.42	-678.89	1,525.12	302.72	139.45	163.27	1.854		
10,000.00	7,103.27	10,133.95	7,223.52	90.99	90.71	113.45	-679.60	1,625.10	302.18	133.69	168.49	1.793		
10,100.00	7,105.23	10,233.95	7,225.36	93.84	93.55	113.47	-680.31	1,725.07	301.64	127.91	173.73	1.736		
10,200.00	7,107.19	10,333.94	7,227.21	96.69	96.39	113.49	-681.03	1,825.05	301.10	122.12	178.98	1.682		
10,300.00	7,109.14	10,433.94	7,229.06	99.55	99.25	113.51	-681.74	1,925.03	300.56	116.32	184.24	1.631		
10,400.00	7,111.10	10,533.94	7,230.90	102.42	102.11	113.53	-682.45	2,025.01	300.03	110.52	189.51	1.583		
10,500.00	7,113.06	10,633.94	7,232.75	105.29	104.98	113.56	-683.17	2,124.99	299.49	104.70	194.79	1.538		
10,600.00	7,115.01	10,733.94	7,234.60	108.17	107.85	113.58	-683.88	2,224.97	298.95	98.87	200.07	1.494 Level 3		
10,700.00	7,116.97	10,833.94	7,236.44	111.05	110.72	113.60	-684.59	2,324.95	298.41	93.04	205.37	1.453 Level 3		
10,800.00	7,118.92	10,933.93	7,238.29	113.94	113.61	113.62	-685.31	2,424.93	297.87	87.20	210.67	1.414 Level 3		
10,900.00	7,120.88	11,033.93	7,240.14	116.83	116.49	113.64	-686.02	2,524.91	297.34	81.36	215.98	1.377 Level 3		
11,000.00	7,122.84	11,133.93	7,241.99	119.72	119.38	113.67	-686.73	2,624.88	296.80	75.51	221.29	1.341 Level 3		
11,100.00	7,124.79	11,233.93	7,243.83	122.62	122.27	113.69	-687.45	2,724.86	296.26	69.65	226.61	1.307 Level 3		
11,200.00	7,126.75	11,333.93	7,245.68	125.52	125.17	113.71	-688.16	2,824.84	295.72	63.79	231.93	1.275 Level 3		
11,300.00	7,128.70	11,433.93	7,247.53	128.42	128.07	113.74	-688.87	2,924.82	295.18	57.93	237.26	1.244 Level 2		
11,400.00	7,130.66	11,533.93	7,249.37	131.33	130.97	113.76	-689.59	3,024.80	294.65	52.06	242.59	1.215 Level 2		
11,500.00	7,132.62	11,633.92	7,251.22	134.24	133.88	113.78	-690.30	3,124.78	294.11	46.19	247.92	1.186 Level 2		
11,600.00	7,134.57	11,733.92	7,253.07	137.15	136.79	113.80	-691.01	3,224.76	293.57	40.32	253.26	1.159 Level 2		
11,700.00	7,136.53	11,833.92	7,254.91	140.06	139.70	113.83	-691.73	3,324.74	293.03	34.44	258.60	1.133 Level 2		
11,800.00	7,138.49	11,933.92	7,256.76	142.98	142.61	113.85	-692.44	3,424.72	292.50	28.56	263.94	1.108 Level 2		
11,887.56	7,140.20	12,021.48	7,258.38	145.52	145.16	113.86	-693.06	3,512.26	292.26	23.62	268.64	1.088 Level 2		
11,900.00	7,140.44	12,033.92	7,258.61	145.89	145.52	113.83	-693.15	3,524.70	292.49	23.13	269.35	1.086 Level 2		
12,000.00	7,142.40	12,133.92	7,260.45	148.80	148.44	113.80	-693.87	3,624.68	292.56	17.76	274.80	1.065 Level 2		
12,100.00	7,144.36	12,233.92	7,262.30	151.72	151.36	113.77	-694.58	3,724.66	292.63	12.38	280.25	1.044 Level 2		
12,200.00	7,146.32	12,333.92	7,264.15	154.65	154.28	113.74	-695.29	3,824.64	292.70	6.99	285.71	1.024 Level 2		
12,300.00	7,148.28	12,433.92	7,266.00	157.57	157.20	113.71	-696.00	3,924.62	292.77	1.60	291.17	1.006 Level 2		
12,400.00	7,150.23	12,533.92	7,267.84	160.49	160.13	113.68	-696.72	4,024.60	292.84	-3.79	296.63	0.987 Level 1		
12,500.00	7,152.19	12,633.92	7,269.69	163.42	163.05	113.65	-697.43	4,124.58	292.91	-9.19	302.10	0.970 Level 1		
12,600.00	7,154.15	12,733.92	7,271.54	166.35	165.98	113.63	-698.14	4,224.56	292.98	-14.59	307.58	0.953 Level 1		
12,700.00	7,156.11	12,833.92	7,273.38	169.28	168.91	113.60	-698.86	4,324.54	293.06	-20.00	313.06	0.936 Level 1		
12,800.00	7,158.07	12,933.92	7,275.23	172.21	171.83	113.57	-699.57	4,424.52	293.13	-25.42	318.54	0.920 Level 1		
12,900.00	7,160.02	13,033.92	7,277.08	175.14	174.76	113.54	-700.28	4,524.50	293.20	-30.83	324.03	0.905 Level 1		

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)
13,000.00	7,161.98	13,133.92	7,278.92	178.07	177.70	113.51	-701.00	4,624.48	293.27	-36.25	329.52	0.890 Level 1
13,100.00	7,163.94	13,233.92	7,280.77	181.00	180.63	113.48	-701.71	4,724.46	293.34	-41.68	335.02	0.876 Level 1
13,200.00	7,165.90	13,333.92	7,282.62	183.94	183.56	113.45	-702.42	4,824.44	293.41	-47.11	340.52	0.862 Level 1
13,300.00	7,167.85	13,433.92	7,284.46	186.87	186.50	113.42	-703.14	4,924.42	293.49	-52.54	346.03	0.848 Level 1
13,400.00	7,169.81	13,533.92	7,286.31	189.81	189.43	113.39	-703.85	5,024.40	293.56	-57.98	351.54	0.835 Level 1
13,500.00	7,171.77	13,633.92	7,288.16	192.75	192.37	113.36	-704.56	5,124.38	293.63	-63.42	357.05	0.822 Level 1
13,600.00	7,173.73	13,737.38	7,290.07	195.68	195.40	113.35	-705.07	5,227.82	293.51	-69.10	362.61	0.809 Level 1
13,700.00	7,175.69	13,837.25	7,291.91	198.62	198.33	113.41	-704.54	5,327.68	292.44	-75.44	367.88	0.795 Level 1
13,800.00	7,177.64	13,937.25	7,293.76	201.56	201.27	113.48	-704.01	5,427.65	291.37	-81.78	373.15	0.781 Level 1
13,900.00	7,179.60	14,037.24	7,295.61	204.50	204.20	113.55	-703.49	5,527.63	290.31	-88.11	378.42	0.767 Level 1
14,000.00	7,181.56	14,137.23	7,297.45	207.44	207.14	113.61	-702.96	5,627.60	289.24	-94.44	383.69	0.754 Level 1
14,100.00	7,183.52	14,237.23	7,299.30	210.39	210.07	113.68	-702.43	5,727.58	288.18	-100.77	388.94	0.741 Level 1
14,200.00	7,185.48	14,337.22	7,301.15	213.33	213.01	113.75	-701.91	5,827.55	287.11	-107.08	394.20	0.728 Level 1
14,300.00	7,187.43	14,437.22	7,302.99	216.27	215.95	113.82	-701.38	5,927.53	286.05	-113.39	399.44	0.716 Level 1
14,400.00	7,189.39	14,537.21	7,304.84	219.21	218.89	113.89	-700.85	6,027.51	284.99	-119.70	404.68	0.704 Level 1
14,500.00	7,191.35	14,637.20	7,306.69	222.16	221.83	113.96	-700.33	6,127.48	283.92	-125.99	409.92	0.693 Level 1
14,600.00	7,193.31	14,737.20	7,308.54	225.10	224.77	114.03	-699.80	6,227.46	282.86	-132.28	415.14	0.681 Level 1
14,700.00	7,195.27	14,837.19	7,310.38	228.05	227.71	114.10	-699.27	6,327.43	281.80	-138.57	420.37	0.670 Level 1
14,800.00	7,197.22	14,937.18	7,312.23	230.99	230.65	114.18	-698.75	6,427.41	280.74	-144.84	425.58	0.660 Level 1
14,900.00	7,199.18	15,037.18	7,314.08	233.94	233.59	114.25	-698.22	6,527.38	279.68	-151.11	430.79	0.649 Level 1
15,000.00	7,201.14	15,137.17	7,315.92	236.88	236.54	114.32	-697.69	6,627.36	278.62	-157.37	435.99	0.639 Level 1
15,100.00	7,203.10	15,237.17	7,317.77	239.83	239.48	114.40	-697.17	6,727.33	277.56	-163.63	441.18	0.629 Level 1
15,200.00	7,205.06	15,337.16	7,319.62	242.78	242.42	114.47	-696.64	6,827.31	276.50	-169.87	446.37	0.619 Level 1
15,300.00	7,207.01	15,437.15	7,321.46	245.73	245.37	114.55	-696.11	6,927.28	275.44	-176.11	451.55	0.610 Level 1
15,400.00	7,208.97	15,537.15	7,323.31	248.67	248.31	114.62	-695.59	7,027.26	274.38	-182.34	456.72	0.601 Level 1
15,500.00	7,210.93	15,637.14	7,325.16	251.62	251.25	114.70	-695.06	7,127.23	273.32	-188.57	461.89	0.592 Level 1
15,600.00	7,212.89	15,737.13	7,327.00	254.57	254.20	114.77	-694.53	7,227.21	272.26	-194.78	467.04	0.583 Level 1
15,700.00	7,214.85	15,837.13	7,328.85	257.52	257.14	114.85	-694.01	7,327.18	271.20	-200.99	472.19	0.574 Level 1
15,800.00	7,216.80	15,937.12	7,330.70	260.47	260.09	114.93	-693.48	7,427.16	270.15	-207.19	477.33	0.566 Level 1
15,900.00	7,218.76	16,037.12	7,332.54	263.42	263.04	115.01	-692.95	7,527.13	269.09	-213.37	482.46	0.558 Level 1
16,000.00	7,220.72	16,137.11	7,334.39	266.37	265.98	115.09	-692.43	7,627.11	268.03	-219.55	487.59	0.550 Level 1
16,100.00	7,222.68	16,237.10	7,336.24	269.32	268.93	115.17	-691.90	7,727.09	266.98	-225.72	492.70	0.542 Level 1
16,200.00	7,224.64	16,337.10	7,338.08	272.27	271.88	115.25	-691.37	7,827.06	265.92	-231.89	497.81	0.534 Level 1
16,300.00	7,226.59	16,437.09	7,339.93	275.22	274.82	115.33	-690.84	7,927.04	264.87	-238.04	502.91	0.527 Level 1
16,400.00	7,228.55	16,537.08	7,341.78	278.17	277.77	115.41	-690.32	8,027.01	263.82	-244.18	508.00	0.519 Level 1
16,500.00	7,230.51	16,637.08	7,343.62	281.13	280.72	115.49	-689.79	8,126.99	262.76	-250.31	513.07	0.512 Level 1
16,600.00	7,232.47	16,737.07	7,345.47	284.08	283.67	115.57	-689.26	8,226.96	261.71	-256.43	518.14	0.505 Level 1
16,700.00	7,234.43	16,837.07	7,347.32	287.03	286.61	115.66	-688.74	8,326.94	260.66	-262.55	523.20	0.498 Level 1
16,800.00	7,236.38	16,937.06	7,349.16	289.98	289.56	115.74	-688.21	8,426.91	259.61	-268.65	528.25	0.491 Level 1
16,900.00	7,238.34	17,037.05	7,351.01	292.94	292.51	115.83	-687.68	8,526.89	258.56	-274.74	533.29	0.485 Level 1
17,000.00	7,240.30	17,137.05	7,352.86	295.89	295.46	115.91	-687.16	8,626.86	257.51	-280.82	538.32	0.478 Level 1
17,100.00	7,242.26	17,237.04	7,354.70	298.84	298.41	116.00	-686.63	8,726.84	256.46	-286.89	543.34	0.472 Level 1
17,200.00	7,244.21	17,337.03	7,356.55	301.79	301.36	116.09	-686.10	8,826.81	255.41	-292.95	548.35	0.466 Level 1
17,300.00	7,246.17	17,437.03	7,358.40	304.75	304.31	116.18	-685.58	8,926.79	254.36	-298.99	553.35	0.460 Level 1
17,400.00	7,248.13	17,537.02	7,360.25	307.70	307.26	116.26	-685.05	9,026.76	253.31	-305.03	558.34	0.454 Level 1
17,500.00	7,250.09	17,637.02	7,362.09	310.66	310.21	116.35	-684.52	9,126.74	252.26	-311.05	563.31	0.448 Level 1
17,546.55	7,251.00	17,683.56	7,362.95	312.03	311.58	116.39	-684.28	9,173.28	251.77	-313.85	565.63	0.445 Level 1, ES, SF

Offset Design												Offset Site Error:	0.00 usft
5N-66W-07 Offsets - NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES Surveys												Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	45.34	842.63	852.83	1,199.18				
100.00	100.00	77.14	77.14	3.28	3.28	45.35	842.51	852.81	1,198.80	1,191.44	7.35	163.000	
200.00	200.00	175.49	175.49	3.30	3.29	45.35	842.29	852.68	1,198.55	1,191.16	7.39	162.289	
207.07	207.07	182.33	182.33	3.30	3.29	148.25	842.30	852.66	1,198.55	1,191.16	7.39	162.212	
300.00	300.00	278.45	278.45	3.34	3.32	148.24	842.40	852.31	1,198.74	1,191.29	7.45	160.859	
8,200.00	7,068.06	7,369.21	7,121.02	42.68	18.90	126.62	-470.69	944.46	1,121.16	1,083.31	37.85	29.622	
8,300.00	7,070.02	7,364.50	7,116.33	45.06	18.89	124.20	-470.96	944.77	1,021.55	983.59	37.96	26.913	
8,400.00	7,071.97	7,359.79	7,111.63	47.50	18.88	121.66	-471.24	945.08	922.00	883.90	38.10	24.197	
8,500.00	7,073.93	7,355.07	7,106.94	50.01	18.87	118.98	-471.51	945.39	822.53	784.23	38.30	21.474	
8,600.00	7,075.89	7,350.35	7,102.24	52.56	18.86	116.18	-471.79	945.70	723.18	684.59	38.59	18.740	
8,700.00	7,077.84	7,345.63	7,097.53	55.16	18.86	113.25	-472.06	946.01	624.00	584.98	39.02	15.993	
8,800.00	7,079.80	7,340.91	7,092.83	57.79	18.85	110.21	-472.33	946.32	525.09	485.39	39.70	13.227	
8,900.00	7,081.76	7,336.19	7,088.12	60.45	18.84	107.07	-472.60	946.63	426.64	385.78	40.86	10.440	
9,000.00	7,083.71	7,331.46	7,083.41	63.14	18.83	103.84	-472.87	946.95	329.06	285.99	43.07	7.641	
9,100.00	7,085.67	7,326.73	7,078.70	65.85	18.82	100.54	-473.13	947.26	233.43	185.62	47.81	4.882	
9,200.00	7,087.62	7,322.00	7,073.99	68.59	18.82	97.19	-473.40	947.57	143.71	83.88	59.83	2.402	
9,300.00	7,089.58	7,317.27	7,069.28	71.34	18.81	93.81	-473.66	947.88	82.31	-3.72	86.03	0.957 Level 1	
9,319.55	7,089.96	7,316.34	7,068.35	71.88	18.81	93.15	-473.71	947.94	79.96	-8.36	88.32	0.905 Level 1, CC, ES, SF	
9,400.00	7,091.54	7,312.53	7,064.56	74.11	18.80	90.42	-473.93	948.19	113.36	41.66	71.70	1.581	
9,500.00	7,093.49	7,307.80	7,059.84	76.90	18.79	87.06	-474.19	948.50	197.19	143.15	54.04	3.649	
9,600.00	7,095.45	7,303.06	7,055.12	79.69	18.79	83.73	-474.45	948.82	291.33	244.30	47.03	6.195	
9,700.00	7,097.41	7,298.36	7,050.44	82.50	18.78	80.48	-474.71	949.13	388.35	344.52	43.83	8.861	
9,800.00	7,099.36	7,293.76	7,045.85	85.32	18.77	77.39	-474.96	949.43	486.53	444.39	42.14	11.545	
9,900.00	7,101.32	7,289.20	7,041.31	88.15	18.76	74.42	-475.21	949.73	585.29	544.13	41.16	14.219	
10,000.00	7,103.27	7,284.70	7,036.82	90.99	18.75	71.57	-475.45	950.02	684.38	643.83	40.55	16.875	
10,100.00	7,105.23	7,280.23	7,032.38	93.84	18.75	68.86	-475.69	950.31	783.68	743.52	40.16	19.514	
10,200.00	7,107.19	7,275.82	7,027.98	96.69	18.74	66.29	-475.93	950.60	883.11	843.22	39.89	22.137	
10,300.00	7,109.14	7,271.44	7,023.62	99.55	18.73	63.85	-476.17	950.88	982.64	942.92	39.71	24.744	
10,400.00	7,111.10	7,267.11	7,019.30	102.42	18.73	61.54	-476.40	951.16	1,082.23	1,042.64	39.59	27.336	
10,500.00	7,113.06	7,262.82	7,015.03	105.29	18.72	59.36	-476.64	951.44	1,181.88	1,142.37	39.51	29.915	

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							
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	
9,400.00	7,091.54	7,114.33	7,106.67	74.11	15.66	-104.30	-193.65	2,166.90	1,157.68	1,119.20	38.48	30.087		
9,500.00	7,093.49	7,108.43	7,100.78	76.90	15.65	-102.83	-193.80	2,167.32	1,059.70	1,020.11	39.59	26.767		
9,600.00	7,095.45	7,102.65	7,095.02	79.69	15.64	-101.36	-193.95	2,167.73	962.11	921.08	41.03	23.450		
9,700.00	7,097.41	7,096.98	7,089.37	82.50	15.62	-99.92	-194.09	2,168.13	865.03	822.11	42.91	20.158		
9,800.00	7,099.36	7,091.44	7,083.84	85.32	15.61	-98.49	-194.24	2,168.52	768.66	723.24	45.42	16.924		
9,900.00	7,101.32	7,086.00	7,078.42	88.15	15.60	-97.07	-194.38	2,168.90	673.31	624.50	48.81	13.795		
10,000.00	7,103.27	7,080.67	7,073.10	90.99	15.59	-95.67	-194.52	2,169.27	579.49	525.99	53.49	10.833		
10,100.00	7,105.23	7,075.44	7,067.89	93.84	15.58	-94.29	-194.66	2,169.63	488.07	427.96	60.11	8.119		
10,200.00	7,107.19	7,070.32	7,062.78	96.69	15.57	-92.93	-194.80	2,169.98	400.70	331.03	69.67	5.751		
10,300.00	7,109.14	7,065.29	7,057.77	99.55	15.56	-91.59	-194.93	2,170.32	320.73	237.18	83.55	3.839		
10,400.00	7,111.10	7,060.36	7,052.85	102.42	15.55	-90.28	-195.06	2,170.65	255.19	152.98	102.21	2.497		
10,500.00	7,113.06	7,055.52	7,048.03	105.29	15.54	-88.98	-195.19	2,170.98	217.55	98.06	119.49	1.821		
10,539.16	7,113.82	7,053.65	7,046.16	106.42	15.53	-88.48	-195.25	2,171.10	214.01	91.64	122.36	1.749	CC, ES, SF	
10,600.00	7,115.01	7,050.78	7,043.29	108.17	15.53	-87.71	-195.32	2,171.29	222.47	102.20	120.27	1.850		
10,700.00	7,116.97	7,046.12	7,038.64	111.05	15.52	-86.47	-195.45	2,171.60	267.60	161.82	105.78	2.530		
10,800.00	7,118.92	7,041.54	7,034.08	113.94	15.51	-85.25	-195.58	2,171.90	337.18	247.07	90.11	3.742		
10,900.00	7,120.88	7,037.05	7,029.60	116.83	15.50	-84.05	-195.70	2,172.19	419.19	341.00	78.19	5.361		
11,000.00	7,122.84	7,032.64	7,025.20	119.72	15.49	-82.88	-195.82	2,172.48	507.66	437.95	69.71	7.283		
11,100.00	7,124.79	7,028.31	7,020.88	122.62	15.48	-81.74	-195.95	2,172.75	599.72	536.10	63.62	9.427		
11,200.00	7,126.75	7,024.05	7,016.63	125.52	15.47	-80.62	-196.07	2,173.03	693.96	634.81	59.15	11.732		
11,300.00	7,128.70	7,019.87	7,012.46	128.42	15.46	-79.52	-196.18	2,173.29	789.60	733.81	55.78	14.155		
11,400.00	7,130.66	7,015.76	7,008.36	131.33	15.45	-78.45	-196.30	2,173.55	886.17	832.99	53.19	16.662		
11,500.00	7,132.62	7,013.99	7,006.59	134.24	15.45	-77.99	-196.35	2,173.68	983.40	932.28	51.13	19.235		
11,600.00	7,134.57	7,009.44	7,002.05	137.15	15.44	-76.82	-196.48	2,173.95	1,081.14	1,031.65	49.50	21.843		
11,700.00	7,136.53	7,004.78	6,997.41	140.06	15.43	-75.63	-196.61	2,174.24	1,179.24	1,131.07	48.18	24.478		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 Offsets - STEPHENS 7-14 - SRC Energy SI Well - Actual VES Surveys													Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7350-SRC Energy_2" CONE_2.448														
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,600.00	7,115.01	7,037.43	7,035.08	108.17	15.44	-74.23	-343.94	3,396.66	1,169.39	1,134.12	35.28	33.148		
10,700.00	7,116.97	7,039.36	7,037.00	111.05	15.45	-75.51	-343.94	3,396.66	1,069.67	1,034.00	35.68	29.983		
10,800.00	7,118.92	7,041.29	7,038.93	113.94	15.45	-76.80	-343.94	3,396.66	970.01	933.81	36.19	26.802		
10,900.00	7,120.88	7,043.23	7,040.87	116.83	15.46	-78.12	-343.95	3,396.66	870.41	833.53	36.88	23.602		
11,000.00	7,122.84	7,045.18	7,042.82	119.72	15.46	-79.45	-343.95	3,396.66	770.91	733.09	37.82	20.384		
11,100.00	7,124.79	7,047.13	7,044.77	122.62	15.46	-80.79	-343.95	3,396.66	671.56	632.41	39.15	17.152		
11,200.00	7,126.75	7,049.09	7,046.73	125.52	15.47	-82.16	-343.96	3,396.66	572.43	531.31	41.12	13.920		
11,300.00	7,128.70	7,051.06	7,048.70	128.42	15.47	-83.53	-343.96	3,396.67	473.65	429.48	44.18	10.721		
11,400.00	7,130.66	7,053.04	7,050.68	131.33	15.48	-84.92	-343.96	3,396.67	375.52	326.27	49.25	7.625		
11,500.00	7,132.62	7,055.02	7,052.66	134.24	15.48	-86.33	-343.97	3,396.67	278.69	220.22	58.47	4.766		
11,600.00	7,134.57	7,057.01	7,054.65	137.15	15.48	-87.74	-343.97	3,396.67	185.25	107.48	77.77	2.382		
11,700.00	7,136.53	7,059.01	7,056.65	140.06	15.49	-89.16	-343.98	3,396.67	104.68	-19.61	124.28	0.842	Level 1	
11,766.84	7,137.84	7,060.35	7,057.99	142.01	15.49	-90.11	-343.98	3,396.67	80.57	-77.37	157.94	0.510	Level 1, CC, ES, SF	
11,800.00	7,138.49	7,061.02	7,058.66	142.98	15.49	-90.58	-343.98	3,396.67	87.12	-61.33	148.44	0.587	Level 1	
11,900.00	7,140.44	7,063.03	7,060.67	145.89	15.50	-92.00	-343.98	3,396.67	155.31	62.29	93.02	1.670		
12,000.00	7,142.40	7,065.05	7,062.69	148.80	15.50	-93.43	-343.99	3,396.67	246.23	178.89	67.34	3.656		
12,100.00	7,144.36	7,067.08	7,064.72	151.72	15.50	-94.86	-343.99	3,396.67	342.24	286.62	55.62	6.153		
12,200.00	7,146.32	7,069.12	7,066.76	154.65	15.51	-96.29	-344.00	3,396.67	440.03	390.68	49.35	8.917		
12,300.00	7,148.28	7,071.16	7,068.80	157.57	15.51	-97.72	-344.00	3,396.67	538.62	493.00	45.62	11.807		
12,400.00	7,150.23	7,073.21	7,070.85	160.49	15.52	-99.14	-344.00	3,396.68	637.64	594.40	43.23	14.749		
12,500.00	7,152.19	7,075.27	7,072.91	163.42	15.52	-100.56	-344.01	3,396.68	736.92	695.29	41.63	17.702		
12,600.00	7,154.15	7,077.34	7,074.98	166.35	15.53	-101.97	-344.01	3,396.68	836.37	795.86	40.51	20.648		
12,700.00	7,156.11	7,079.42	7,077.06	169.28	15.53	-103.37	-344.02	3,396.68	935.93	896.23	39.70	23.574		
12,800.00	7,158.07	7,081.50	7,079.14	172.21	15.53	-104.76	-344.02	3,396.68	1,035.57	996.46	39.11	26.478		
12,900.00	7,160.02	7,083.59	7,081.23	175.14	15.54	-106.13	-344.03	3,396.68	1,135.27	1,096.60	38.67	29.356		

Offset Design												5N-66W-07 Offsets - STEPHENS 7-15 - SRC Energy SI Well - Actual VES Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_VESSI GyroFlex V4, 7400-SRC Energy_2" CONE_2.448	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance			Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,400.00	7,111.10	7,112.44	7,045.81	102.42	15.75	-88.92	124.83	3,007.92	1,114.13	1,045.81	68.32	16.308		
10,500.00	7,113.06	7,112.69	7,046.05	105.29	15.76	-88.94	124.83	3,007.91	1,028.05	954.34	73.71	13.948		
10,600.00	7,115.01	7,112.93	7,046.29	108.17	15.76	-88.97	124.84	3,007.91	944.72	864.74	79.97	11.813		
10,700.00	7,116.97	7,113.17	7,046.53	111.05	15.76	-88.99	124.84	3,007.91	864.92	777.69	87.24	9.914		
10,800.00	7,118.92	7,113.41	7,046.77	113.94	15.76	-89.02	124.84	3,007.90	789.75	694.14	95.60	8.261		
10,900.00	7,120.88	7,113.65	7,047.01	116.83	15.76	-89.04	124.85	3,007.90	720.63	615.56	105.06	6.859		
11,000.00	7,122.84	7,113.89	7,047.25	119.72	15.76	-89.07	124.85	3,007.89	659.48	544.06	115.41	5.714		
11,100.00	7,124.79	7,114.13	7,047.49	122.62	15.76	-89.09	124.86	3,007.89	608.70	482.63	126.07	4.828		
11,200.00	7,126.75	7,114.36	7,047.73	125.52	15.76	-89.12	124.86	3,007.89	571.07	435.11	135.95	4.200		
11,300.00	7,128.70	7,114.60	7,047.97	128.42	15.76	-89.14	124.86	3,007.88	549.29	405.75	143.55	3.827		
11,371.98	7,130.11	7,114.77	7,048.14	130.51	15.76	-89.16	124.86	3,007.88	544.56	397.78	146.78	3.710	CC, ES	
11,400.00	7,130.86	7,114.84	7,048.21	131.33	15.76	-89.17	124.87	3,007.88	545.28	397.83	147.45	3.698	SF	
11,500.00	7,132.62	7,115.08	7,048.45	134.24	15.76	-89.19	124.87	3,007.87	559.41	412.30	147.10	3.803		
11,600.00	7,134.57	7,115.32	7,048.68	137.15	15.76	-89.22	124.87	3,007.87	590.37	447.24	143.13	4.125		
11,700.00	7,136.53	7,115.55	7,048.92	140.06	15.76	-89.24	124.88	3,007.87	635.72	498.90	136.82	4.646		
11,800.00	7,138.49	7,115.79	7,049.16	142.98	15.76	-89.27	124.88	3,007.86	692.64	563.15	129.49	5.349		
11,900.00	7,140.44	7,116.04	7,049.40	145.89	15.76	-89.29	124.88	3,007.86	758.10	636.09	122.01	6.213		
12,000.00	7,142.40	7,116.28	7,049.65	148.80	15.76	-89.32	124.89	3,007.85	830.42	715.48	114.94	7.225		
12,100.00	7,144.36	7,116.53	7,049.90	151.72	15.76	-89.34	124.89	3,007.85	908.01	799.51	108.50	8.369		
12,200.00	7,146.32	7,116.78	7,050.14	154.65	15.76	-89.37	124.89	3,007.84	989.62	886.87	102.75	9.631		
12,300.00	7,148.28	7,117.02	7,050.39	157.57	15.76	-89.39	124.90	3,007.84	1,074.35	976.67	97.68	10.998		
12,400.00	7,150.23	7,117.27	7,050.63	160.49	15.77	-89.42	124.90	3,007.84	1,161.51	1,068.29	93.22	12.460		

Offset Design											5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys		Offset Site Error:	0.00 usft
Survey Program:											100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448		Offset Well Error:	3.28 usft
Reference				Offset			Semi Major Axis			Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+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	-31.15	602.18	-363.91	703.81					
100.00	100.00	81.56	81.56	3.28	3.28	-31.15	602.24	-363.97	703.69	696.33	7.35	95.679		
200.00	200.00	181.52	181.52	3.30	3.29	-31.17	602.30	-364.32	703.92	696.53	7.39	95.298		
300.00	300.00	280.06	280.05	3.34	3.32	71.71	602.19	-365.06	704.07	696.62	7.45	94.472		
400.00	399.93	375.10	375.09	3.40	3.36	71.90	602.32	-366.17	703.70	696.16	7.55	93.238		
500.00	499.68	481.69	481.66	3.49	3.41	72.37	602.28	-368.01	702.42	694.74	7.69	91.388		
600.00	599.13	581.57	581.53	3.60	3.48	73.09	601.31	-369.64	699.29	691.43	7.86	88.951		
700.00	698.15	687.47	687.41	3.74	3.56	74.18	600.11	-371.14	695.04	686.96	8.09	85.950		
800.00	796.63	783.06	782.97	3.93	3.65	75.45	598.51	-372.49	689.63	681.28	8.35	82.564		
900.00	894.44	882.34	882.23	4.16	3.74	77.10	597.27	-373.81	684.06	675.39	8.68	78.824		
1,000.00	991.54	979.56	979.44	4.44	3.85	78.94	595.87	-375.06	678.20	669.14	9.06	74.840		
1,100.00	1,088.51	1,073.90	1,073.76	4.76	3.96	80.72	594.70	-376.43	673.18	663.69	9.49	70.937		
1,200.00	1,185.47	1,167.29	1,167.13	5.11	4.08	82.48	593.88	-378.30	669.42	659.46	9.95	67.259		
1,300.00	1,282.44	1,263.18	1,263.01	5.48	4.21	84.35	593.69	-379.83	666.89	656.44	10.45	63.823		
1,400.00	1,379.40	1,361.84	1,361.66	5.87	4.34	86.32	593.59	-381.06	665.13	654.15	10.97	60.614		
1,500.00	1,476.37	1,458.29	1,458.09	6.27	4.48	88.20	593.16	-382.79	663.98	652.47	11.51	57.668		
1,547.65	1,522.57	1,503.20	1,503.00	6.47	4.55	89.09	593.11	-383.51	663.84	652.07	11.78	56.373	CC	
1,600.00	1,573.34	1,551.96	1,551.75	6.69	4.63	90.06	593.20	-384.30	664.04	651.97	12.07	55.034	ES	
1,700.00	1,670.30	1,646.48	1,646.25	7.11	4.77	91.91	593.72	-386.05	665.42	652.79	12.63	52.685		
1,800.00	1,767.27	1,742.10	1,741.86	7.35	4.92	93.81	594.59	-387.51	667.87	655.07	12.80	52.172		
1,900.00	1,864.23	1,839.67	1,839.41	7.42	5.08	95.75	595.70	-388.79	671.31	658.30	13.02	51.575		
2,000.00	1,961.20	1,938.21	1,937.94	7.53	5.25	97.73	596.56	-389.64	675.26	661.99	13.26	50.907		
2,100.00	2,058.17	2,035.69	2,035.41	7.66	5.41	99.65	597.45	-390.62	680.07	666.53	13.54	50.223		
2,200.00	2,155.13	2,134.58	2,134.30	7.82	5.58	101.62	598.04	-390.91	685.34	671.49	13.85	49.494		
2,300.00	2,252.10	2,231.05	2,230.77	8.01	5.74	103.56	598.68	-390.71	691.50	677.33	14.17	48.793		
2,400.00	2,349.06	2,332.96	2,332.68	8.23	5.92	105.58	599.06	-390.39	698.23	683.70	14.53	48.057		
2,500.00	2,446.03	2,437.51	2,437.22	8.47	6.11	107.55	598.30	-390.85	704.62	689.71	14.91	47.255		
2,600.00	2,543.00	2,533.05	2,532.76	8.73	6.28	109.28	597.22	-391.86	711.31	696.01	15.30	46.506		
2,700.00	2,639.96	2,623.60	2,623.30	9.01	6.45	110.92	596.92	-392.30	719.52	703.84	15.68	45.877		
2,800.00	2,736.93	2,720.49	2,720.19	9.30	6.63	112.60	597.04	-393.14	728.81	712.71	16.10	45.276		
2,900.00	2,833.89	2,818.90	2,818.59	9.62	6.82	114.24	597.14	-394.30	738.64	722.12	16.52	44.699		
3,000.00	2,930.86	2,916.29	2,915.98	9.95	7.00	115.86	596.99	-395.04	748.94	731.98	16.96	44.163		
3,100.00	3,027.82	3,010.05	3,009.74	10.29	7.18	117.40	597.08	-395.42	760.16	742.77	17.39	43.708		
3,200.00	3,124.79	3,113.27	3,112.95	10.64	7.38	118.99	597.12	-396.51	771.73	753.87	17.85	43.229		
3,300.00	3,221.76	3,214.19	3,213.85	11.01	7.58	120.49	596.70	-398.02	783.28	764.96	18.32	42.767		
3,400.00	3,318.72	3,319.91	3,319.56	11.39	7.79	122.03	595.29	-399.62	794.47	775.67	18.79	42.277		
3,500.00	3,415.69	3,419.20	3,418.82	11.77	7.98	123.45	593.22	-401.08	805.47	786.21	19.26	41.823		
3,600.00	3,512.65	3,511.83	3,511.42	12.16	8.16	124.75	591.56	-402.33	817.28	797.56	19.72	41.453		
3,700.00	3,609.62	3,611.35	3,610.92	12.56	8.36	126.13	589.69	-403.26	829.63	809.44	20.19	41.096		
3,800.00	3,706.59	3,707.69	3,707.23	12.97	8.55	127.42	587.87	-404.24	842.39	821.73	20.65	40.784		
3,900.00	3,803.55	3,803.16	3,802.69	13.38	8.74	128.63	586.48	-405.69	855.74	834.62	21.12	40.511		
4,000.00	3,900.52	3,903.25	3,902.75	13.80	8.94	129.85	584.99	-407.28	869.43	847.82	21.61	40.242		
4,100.00	3,997.48	4,004.65	4,004.12	14.22	9.15	131.08	582.94	-408.71	883.12	861.03	22.09	39.980		
4,200.00	4,094.45	4,093.28	4,092.73	14.65	9.33	132.14	581.24	-409.60	897.46	874.91	22.54	39.810		
4,300.00	4,191.42	4,181.73	4,181.17	15.08	9.50	133.17	580.23	-410.00	913.07	890.07	23.00	39.704		
4,400.00	4,288.38	4,274.11	4,273.55	15.52	9.69	134.20	579.82	-410.11	929.78	906.32	23.46	39.635		
4,500.00	4,385.35	4,370.93	4,370.37	15.95	9.88	135.25	579.63	-410.13	947.08	923.15	23.93	39.573		
4,600.00	4,482.31	4,472.00	4,471.44	16.40	10.09	136.29	579.44	-410.53	964.48	940.05	24.42	39.494		
4,700.00	4,579.28	4,577.17	4,576.60	16.84	10.31	137.35	578.47	-411.01	981.54	956.63	24.92	39.388		
4,800.00	4,676.25	4,666.89	4,666.30	17.29	10.49	138.28	576.88	-410.76	998.65	973.28	25.37	39.360		
4,900.00	4,773.21	4,762.80	4,762.19	17.74	10.68	139.29	575.35	-409.40	1,016.85	991.01	25.84	39.357		
5,000.00	4,870.18	4,858.08	4,857.43	18.19	10.87	140.30	573.16	-407.55	1,035.13	1,008.83	26.29	39.367		
5,100.00	4,967.14	4,954.28	4,953.59	18.65	11.06	141.27	571.39	-405.73	1,054.04	1,027.29	26.76	39.393		
5,200.00	5,064.11	5,052.27	5,051.58	19.10	11.26	142.16	570.18	-404.94	1,073.03	1,045.79	27.23	39.401		
5,300.00	5,161.07	5,146.63	5,145.94	19.56	11.45	142.91	569.99	-405.18	1,092.33	1,064.62	27.71	39.423		
5,400.00	5,258.04	5,243.08	5,242.38	20.02	11.65	143.61	570.55	-405.90	1,112.08	1,083.88	28.19	39.444		
5,500.00	5,355.01	5,341.35	5,340.63	20.49	11.86	144.26	571.42	-407.24	1,131.80	1,103.11	28.69	39.451		
5,600.00	5,451.97	5,433.63	5,432.90	20.95	12.05	144.87	572.23	-408.24	1,151.84	1,122.68	29.16	39.494		
5,700.00	5,548.94	5,523.19	5,522.46	21.41	12.23	145.43	573.47	-408.88	1,172.62	1,142.98	29.63	39.572		
5,800.00	5,645.90	5,616.62	5,615.87	21.88	12.42	146.01	574.96	-409.08	1,194.00	1,163.89	30.11	39.654		
7,200.00	6,937.12	6,906.85	6,905.53	26.34	15.08	-67.95	594.96	-421.24	1,199.11	1,161.96	37.15	32.277		
7,300.00	6,988.68	6,955.27	6,953.93	27.07	15.17	-73.92	595.04	-420.18	1,153.58	1,115.19	38.39	30.051		
7,400.00	7,026.26	6,992.03	6,990.68	28.05	15.25	-79.90	595.11	-419.17	1,108.43	1,068.41	40.02	27.699		
7,500.00	7,048.92	7,015.15	7,013.79	29.28	15.30	-85.16	595.16	-418.41	1,066.30	1,024.29	42.01	25.381		
7,600.00	7,056.33	7,025.17	7,023.80	30.70	15.32	-88.69	595.18	-418.04	1,029.69	985.42	44.27	23.260		
7,700.00	7,058.28	7,030.64	7,029.27	32.32	15.33	-89.02	595.19	-417.82	1,001.16	954.45	46.71	21.433		

Offset Design		5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
7,800.00	7,060.24	7,036.44	7,035.06	34.12	15.34	-89.36	595.20	-417.58	982.00	932.75	49.25	19.941	
7,900.00	7,062.19	7,042.58	7,041.19	36.08	15.35	-89.72	595.21	-417.32	972.75	921.02	51.74	18.802	
7,940.73	7,062.99	7,045.18	7,043.79	36.93	15.36	-89.87	595.21	-417.20	971.90	919.18	52.72	18.434	
8,000.00	7,064.15	7,049.09	7,047.70	38.17	15.37	-90.10	595.22	-417.03	973.70	919.64	54.06	18.012	
8,100.00	7,066.11	7,056.02	7,054.62	40.38	15.38	-90.51	595.23	-416.70	984.81	928.70	56.11	17.551	
8,200.00	7,068.06	7,063.40	7,062.00	42.68	15.39	-90.94	595.24	-416.34	1,005.74	947.91	57.83	17.392 SF	
8,300.00	7,070.02	7,071.29	7,069.87	45.06	15.41	-91.41	595.25	-415.93	1,035.89	976.71	59.18	17.503	
8,400.00	7,071.97	7,079.72	7,078.29	47.50	15.43	-91.90	595.26	-415.48	1,074.48	1,014.29	60.19	17.851	
8,500.00	7,073.93	7,088.76	7,087.32	50.01	15.45	-92.43	595.28	-414.97	1,120.63	1,059.75	60.89	18.405	
8,600.00	7,075.89	7,098.49	7,097.03	52.56	15.47	-93.00	595.29	-414.39	1,173.45	1,112.13	61.32	19.137	

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		Minimum Separation		Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-134.78	-377.78	-380.63	536.65					
100.00	100.00	79.93	79.93	3.28	3.28	-134.80	-377.92	-380.50	536.29	528.93	7.35	72.918		
200.00	200.00	180.96	180.96	3.30	3.29	-134.86	-378.24	-380.09	536.22	528.84	7.39	72.599		
300.00	300.00	280.88	280.88	3.34	3.32	-32.01	-378.26	-379.79	535.66	528.20	7.45	71.874		
400.00	399.93	379.56	379.56	3.40	3.36	-32.23	-378.12	-379.85	532.64	525.09	7.55	70.550		
500.00	499.68	477.16	477.16	3.49	3.40	-32.64	-378.04	-380.29	527.01	519.32	7.68	68.597		
600.00	599.13	576.43	576.42	3.60	3.47	-33.28	-377.97	-381.13	518.77	510.92	7.85	66.058		
700.00	698.15	675.68	675.67	3.74	3.54	-34.20	-377.88	-381.95	507.66	499.60	8.06	62.974		
800.00	796.63	774.98	774.96	3.93	3.63	-35.41	-377.69	-382.79	493.75	485.45	8.31	59.425		
900.00	894.44	872.79	872.77	4.16	3.72	-36.96	-377.44	-383.54	477.16	468.56	8.60	55.508		
1,000.00	991.54	970.12	970.10	4.44	3.83	-38.78	-377.22	-384.32	458.45	449.52	8.93	51.347		
1,100.00	1,088.51	1,067.87	1,067.84	4.76	3.94	-40.66	-376.93	-385.09	439.65	430.36	9.29	47.315		
1,200.00	1,185.47	1,165.77	1,165.75	5.11	4.06	-42.72	-376.54	-385.69	421.19	411.50	9.69	43.451		
1,300.00	1,282.44	1,263.23	1,263.20	5.48	4.19	-44.94	-375.96	-386.29	403.15	393.02	10.13	39.795		
1,400.00	1,379.40	1,360.65	1,360.62	5.87	4.33	-47.32	-375.22	-387.03	385.69	375.09	10.60	36.376		
1,500.00	1,476.37	1,458.06	1,458.01	6.27	4.47	-49.94	-374.45	-387.65	368.87	357.76	11.11	33.202		
1,600.00	1,573.34	1,556.13	1,556.08	6.69	4.61	-52.76	-373.40	-388.48	352.74	341.09	11.65	30.276		
1,700.00	1,670.30	1,654.07	1,654.00	7.11	4.77	-55.78	-371.93	-389.47	337.18	324.96	12.22	27.584		
1,800.00	1,767.27	1,751.80	1,751.71	7.55	4.92	-59.03	-370.24	-390.59	322.49	310.04	12.45	25.907		
1,900.00	1,864.23	1,849.35	1,849.22	7.42	5.08	-62.40	-368.06	-392.52	308.68	295.95	12.73	24.245		
2,000.00	1,961.20	1,946.58	1,946.40	7.53	5.25	-65.96	-365.81	-394.89	296.07	283.01	13.05	22.682		
2,100.00	2,058.17	2,043.79	2,043.55	7.66	5.41	-69.81	-363.58	-397.19	284.72	271.31	13.41	21.230		
2,200.00	2,155.13	2,140.58	2,140.30	7.82	5.58	-73.98	-361.50	-399.30	274.96	261.16	13.80	19.919		
2,300.00	2,252.10	2,237.48	2,237.16	8.01	5.75	-78.47	-359.66	-401.13	267.05	252.83	14.23	18.773		
2,400.00	2,349.06	2,334.89	2,334.53	8.23	5.93	-83.23	-357.81	-402.93	260.98	246.32	14.67	17.793		
2,500.00	2,446.03	2,432.35	2,431.96	8.47	6.11	-88.18	-355.90	-404.68	256.83	241.71	15.12	16.985		
2,600.00	2,543.00	2,529.85	2,529.43	8.73	6.29	-93.22	-353.89	-406.56	254.61	239.04	15.58	16.346		
2,652.79	2,594.19	2,581.03	2,580.59	8.87	6.38	-95.91	-352.82	-407.49	254.30	238.48	15.82	16.078		
2,700.00	2,639.96	2,626.80	2,626.34	9.01	6.47	-98.32	-351.88	-408.26	254.55	238.53	16.02	15.885		
2,800.00	2,736.93	2,723.95	2,723.45	9.30	6.65	-103.41	-349.91	-409.83	256.72	240.26	16.46	15.599		
2,900.00	2,833.89	2,821.51	2,820.98	9.62	6.84	-108.42	-347.84	-411.39	260.92	244.05	16.87	15.464		
3,000.00	2,930.86	2,919.11	2,918.54	9.95	7.02	-113.24	-345.65	-413.05	266.97	249.70	17.27	15.460		
3,100.00	3,027.82	3,016.28	3,016.68	10.29	7.21	-117.79	-343.48	-414.79	274.85	257.20	17.65	15.576		
3,200.00	3,124.79	3,113.49	3,112.84	10.64	7.40	-122.09	-341.26	-416.49	284.43	266.42	18.01	15.795		
3,300.00	3,221.76	3,210.05	3,209.36	11.01	7.59	-126.16	-338.80	-417.79	295.70	277.34	18.35	16.111		
3,400.00	3,318.72	3,306.52	3,305.78	11.39	7.78	-130.09	-335.73	-418.37	308.61	289.93	18.68	16.517		
3,500.00	3,415.69	3,400.43	3,399.62	11.77	7.96	-133.80	-332.17	-417.92	323.48	304.49	18.99	17.032		
3,600.00	3,512.65	3,491.72	3,490.83	12.16	8.14	-137.20	-328.68	-416.21	340.84	321.56	19.29	17.673		
3,700.00	3,609.62	3,584.89	3,583.90	12.56	8.32	-140.40	-325.41	-413.37	360.57	340.99	19.58	18.411		
3,800.00	3,706.59	3,679.91	3,678.80	12.97	8.51	-143.31	-322.34	-410.06	381.86	361.96	19.90	19.188		
3,900.00	3,803.55	3,772.73	3,771.54	13.38	8.69	-145.79	-319.96	-406.68	404.40	384.17	20.23	19.995		
4,000.00	3,900.52	3,867.57	3,866.29	13.80	8.87	-147.95	-318.53	-402.93	428.25	407.67	20.58	20.811		
4,100.00	3,997.48	3,965.86	3,964.50	14.22	9.06	-149.94	-317.08	-399.21	452.49	431.53	20.96	21.589		
4,200.00	4,094.45	4,065.35	4,063.94	14.65	9.26	-151.72	-315.68	-396.22	476.47	455.11	21.36	22.306		
4,300.00	4,191.42	4,165.76	4,164.31	15.08	9.46	-153.34	-314.07	-393.92	500.10	478.33	21.78	22.965		
4,400.00	4,288.38	4,264.69	4,263.20	15.52	9.66	-154.80	-312.17	-392.36	523.33	501.13	22.20	23.578		
4,500.00	4,385.35	4,362.22	4,360.70	15.95	9.85	-156.14	-310.11	-391.06	546.57	523.96	22.62	24.167		
4,600.00	4,482.31	4,459.33	4,457.78	16.40	10.05	-157.38	-307.92	-389.89	569.94	546.89	23.04	24.733		
4,700.00	4,579.28	4,554.71	4,553.13	16.84	10.25	-158.50	-305.76	-388.74	593.53	570.06	23.47	25.287		
4,800.00	4,676.25	4,649.13	4,647.50	17.29	10.44	-159.57	-303.17	-387.22	617.66	593.76	23.90	25.844		
4,900.00	4,773.21	4,743.79	4,742.11	17.74	10.63	-160.59	-300.43	-385.42	642.25	617.92	24.33	26.394		
5,000.00	4,870.18	4,838.70	4,836.95	18.19	10.83	-161.54	-297.60	-383.36	667.27	642.50	24.77	26.935		
5,100.00	4,967.14	4,934.83	4,933.01	18.65	11.02	-162.44	-294.71	-381.17	692.58	667.35	25.22	27.456		
5,200.00	5,064.11	5,032.60	5,030.72	19.10	11.23	-163.27	-291.92	-379.06	717.91	692.22	25.69	27.946		
5,300.00	5,161.07	5,130.92	5,128.99	19.56	11.43	-164.03	-289.40	-377.22	743.11	716.95	26.16	28.403		
5,400.00	5,258.04	5,228.52	5,226.55	20.02	11.63	-164.73	-287.01	-375.62	768.21	741.57	26.64	28.838		
5,500.00	5,355.01	5,324.53	5,322.52	20.49	11.83	-165.36	-284.69	-374.12	793.34	766.22	27.11	29.261		
5,600.00	5,451.97	5,419.09	5,417.02	20.95	12.03	-165.97	-282.13	-372.44	818.74	791.16	27.58	29.683		
5,700.00	5,548.94	5,516.34	5,514.22	21.41	12.23	-166.58	-279.31	-370.66	844.30	816.23	28.07	30.082		
5,800.00	5,645.90	5,616.92	5,614.75	21.88	12.44	-167.16	-276.48	-369.18	869.58	841.01	28.57	30.438		
5,900.00	5,742.87	5,714.27	5,712.06	22.35	12.64	-167.67	-274.02	-368.00	894.68	865.61	29.06	30.786		
6,000.00	5,839.84	5,810.78	5,808.54	22.82	12.84	-168.13	-271.86	-366.88	919.78	890.23	29.56	31.121		
6,100.00	5,936.80	5,905.69	5,903.42	23.29	13.04	-168.55	-269.94	-365.67	945.05	915.00	30.05	31.454		
6,200.00	6,033.77	6,003.42	6,001.14	23.76	13.25	-168.94	-268.20	-364.40	970.37	939.82	30.55	31.762		
6,300.00	6,130.73	6,100.60	6,098.29	24.23	13.45	-169.30	-266.74	-363.22	995.64	964.58	31.06	32.058		
6,400.00	6,227.70	6,199.07	6,196.74	24.70	13.66	-169.64	-265.25	-362.15	1,020.82	989.25	31.57	32.334		

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			Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)				
6,500.00	6,325.19	6,299.49	6,297.15	25.04	13.87	-162.41	-263.46	-361.31	1,043.34	1,011.29	32.04	32.560		
6,600.00	6,424.66	6,400.48	6,398.11	25.19	14.08	-88.09	-261.42	-360.73	1,051.63	1,019.22	32.41	32.447		
6,700.00	6,524.02	6,501.34	6,498.96	25.27	14.29	-24.72	-259.38	-360.31	1,044.20	1,011.50	32.70	31.932		
6,800.00	6,620.84	6,601.74	6,599.33	25.32	14.51	-16.15	-257.44	-360.14	1,021.16	988.24	32.92	31.024		
6,900.00	6,712.73	6,685.18	6,682.76	25.41	14.68	-13.81	-256.39	-359.73	983.60	950.60	33.00	29.806		
7,000.00	6,797.42	6,765.70	6,763.28	25.56	14.85	-13.53	-256.33	-358.69	932.80	899.76	33.03	28.237		
7,100.00	6,872.84	6,841.66	6,839.23	25.86	15.00	-14.64	-257.03	-357.37	869.67	836.63	33.04	26.322		
7,200.00	6,937.12	6,909.58	6,907.12	26.34	15.14	-17.40	-258.05	-356.26	795.41	762.38	33.03	24.080		
7,300.00	6,988.68	6,967.24	6,964.77	27.07	15.26	-23.05	-259.19	-355.57	711.80	678.76	33.04	21.543		
7,400.00	7,026.26	7,009.38	7,006.90	28.05	15.34	-34.62	-260.17	-355.30	621.13	588.05	33.08	18.775		
7,500.00	7,048.92	7,035.55	7,033.06	29.28	15.40	-58.87	-260.89	-355.28	526.03	492.80	33.23	15.832		
7,600.00	7,056.33	7,043.64	7,041.14	30.70	15.41	-88.39	-261.14	-355.30	429.44	395.86	33.58	12.789		
7,700.00	7,058.28	7,045.45	7,042.95	32.32	15.42	-89.28	-261.20	-355.30	334.28	299.82	34.46	9.700		
7,800.00	7,060.24	7,047.18	7,044.68	34.12	15.42	-90.13	-261.25	-355.31	243.03	206.24	36.79	6.605		
7,900.00	7,062.19	7,048.84	7,046.34	36.08	15.42	-90.95	-261.30	-355.32	162.42	119.35	43.07	3.771		
8,000.00	7,064.15	7,050.44	7,047.94	38.17	15.43	-91.74	-261.35	-355.32	117.01	63.34	53.67	2.180		
8,013.46	7,064.41	7,050.65	7,048.15	38.47	15.43	-91.84	-261.36	-355.32	116.23	61.83	54.40	2.136	CC, ES, SF	
8,100.00	7,066.11	7,051.97	7,049.47	40.38	15.43	-92.50	-261.40	-355.33	144.90	93.88	51.02	2.840		
8,200.00	7,068.06	7,053.45	7,050.95	42.68	15.43	-93.22	-261.45	-355.34	219.77	175.60	44.16	4.976		
8,300.00	7,070.02	7,054.87	7,052.37	45.06	15.43	-93.92	-261.50	-355.34	309.18	268.73	40.45	7.643		
8,400.00	7,071.97	7,056.24	7,053.73	47.50	15.44	-94.59	-261.54	-355.35	403.59	365.12	38.47	10.490		
8,500.00	7,073.93	7,057.55	7,055.05	50.01	15.44	-95.24	-261.59	-355.36	500.18	462.86	37.32	13.403		
8,600.00	7,075.89	7,058.82	7,056.32	52.56	15.44	-95.86	-261.63	-355.37	597.88	561.30	36.58	16.343		
8,700.00	7,077.84	7,060.05	7,057.54	55.16	15.44	-96.47	-261.67	-355.38	696.23	660.15	36.09	19.293		
8,800.00	7,079.80	7,061.23	7,058.73	57.79	15.45	-97.04	-261.71	-355.38	795.00	759.26	35.73	22.248		
8,900.00	7,081.76	7,062.37	7,059.87	60.45	15.45	-97.60	-261.75	-355.39	894.03	858.56	35.47	25.203		
9,000.00	7,083.71	7,063.48	7,060.97	63.14	15.45	-98.14	-261.79	-355.40	993.26	957.98	35.28	28.155		
9,100.00	7,085.67	7,064.55	7,062.04	65.85	15.45	-98.66	-261.82	-355.41	1,092.63	1,057.50	35.13	31.104		
9,200.00	7,087.62	7,065.58	7,063.07	68.59	15.46	-99.16	-261.86	-355.42	1,192.10	1,157.09	35.01	34.048		

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 Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
15,000.00	7,201.14	7,076.14	7,076.14	236.88	248.97	86.28	-795.51	7,771.19	1,195.92	875.95	319.97	3.738		
15,100.00	7,203.10	7,078.10	7,078.10	239.83	249.04	86.61	-795.51	7,771.19	1,100.57	773.97	326.60	3.370		
15,200.00	7,205.06	7,080.06	7,080.06	242.78	249.11	86.93	-795.51	7,771.19	1,006.12	671.67	334.45	3.008		
15,300.00	7,207.01	7,082.01	7,082.01	245.73	249.18	87.25	-795.51	7,771.19	912.84	568.99	343.85	2.655		
15,400.00	7,208.97	7,083.97	7,083.97	248.67	249.25	87.58	-795.51	7,771.19	821.14	465.90	355.25	2.311		
15,500.00	7,210.93	7,085.93	7,085.93	251.62	249.32	87.90	-795.51	7,771.19	731.62	362.41	369.21	1.982		
15,600.00	7,212.89	7,087.89	7,087.89	254.57	249.39	88.23	-795.51	7,771.19	645.18	258.70	386.48	1.669		
15,700.00	7,214.85	7,089.85	7,089.85	257.52	249.46	88.55	-795.51	7,771.19	563.23	155.32	407.91	1.381	Level 3	
15,800.00	7,216.80	7,108.20	7,091.80	260.47	250.11	88.88	-795.51	7,771.19	488.05	53.33	434.72	1.123	Level 2	
15,900.00	7,218.76	7,106.24	7,093.76	263.42	250.04	89.20	-795.51	7,771.19	423.27	-41.81	465.08	0.910	Level 1	
16,000.00	7,220.72	7,104.28	7,095.72	266.37	249.97	89.53	-795.51	7,771.19	374.31	-121.46	495.78	0.755	Level 1	
16,100.00	7,222.68	7,102.32	7,097.68	269.32	249.90	89.85	-795.51	7,771.19	347.93	-169.45	517.39	0.672	Level 1	
16,145.31	7,223.56	7,101.44	7,098.56	270.66	249.87	90.00	-795.51	7,771.19	344.97	-176.14	521.11	0.662	Level 1, CC, ES, SF	
16,200.00	7,224.64	7,100.36	7,099.64	272.27	249.83	90.18	-795.51	7,771.19	349.28	-170.25	519.52	0.672	Level 1	
16,300.00	7,226.59	7,101.59	7,101.59	275.22	249.88	90.50	-795.51	7,771.19	378.05	-124.17	502.22	0.753	Level 1	
16,400.00	7,228.55	7,103.55	7,103.55	278.17	249.95	90.83	-795.51	7,771.19	428.77	-46.64	475.41	0.902	Level 1	
16,500.00	7,230.51	7,105.51	7,105.51	281.13	250.02	91.15	-795.51	7,771.19	494.73	46.60	448.13	1.104	Level 2	
16,600.00	7,232.47	7,107.47	7,107.47	284.08	250.08	91.48	-795.51	7,771.19	570.67	146.38	424.29	1.345	Level 3	
16,700.00	7,234.43	7,109.43	7,109.43	287.03	250.15	91.80	-795.51	7,771.19	653.12	248.52	404.60	1.614		
16,800.00	7,236.38	7,111.38	7,111.38	289.98	250.22	92.13	-795.51	7,771.19	739.90	351.30	388.61	1.904		
16,900.00	7,238.34	7,113.34	7,113.34	292.94	250.29	92.45	-795.51	7,771.19	829.66	454.06	375.61	2.209		
17,000.00	7,240.30	7,115.30	7,115.30	295.89	250.36	92.78	-795.51	7,771.19	921.53	556.58	364.95	2.525		
17,100.00	7,242.26	7,117.26	7,117.26	298.84	250.43	93.10	-795.51	7,771.19	1,014.93	658.79	356.14	2.850		
17,200.00	7,244.21	7,119.21	7,119.21	301.79	250.50	93.43	-795.51	7,771.19	1,109.48	760.71	348.77	3.181		

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	
16,300.00	7,226.59	7,102.41	7,097.59	275.22	249.91	77.85	-558.28	9,030.79	1,108.09	824.48	283.61	3.907		
16,400.00	7,228.55	7,100.45	7,099.55	278.17	249.84	78.92	-558.28	9,030.79	1,008.56	722.91	285.64	3.531		
16,500.00	7,230.51	7,101.51	7,101.51	281.13	249.87	80.00	-558.28	9,030.79	909.13	620.79	288.34	3.153		
16,600.00	7,232.47	7,103.47	7,103.47	284.08	249.94	81.09	-558.28	9,030.79	809.83	518.00	291.83	2.775		
16,700.00	7,234.43	7,105.43	7,105.43	287.03	250.01	82.18	-558.28	9,030.79	710.73	414.30	296.43	2.398		
16,800.00	7,236.38	7,107.38	7,107.38	289.98	250.08	83.28	-558.28	9,030.79	611.92	309.22	302.69	2.022		
16,900.00	7,238.34	7,109.34	7,109.34	292.94	250.15	84.39	-558.28	9,030.79	513.55	201.98	311.57	1.648		
17,000.00	7,240.30	7,111.30	7,111.30	295.89	250.22	85.50	-558.28	9,030.79	415.96	91.09	324.86	1.280	Level 3	
17,100.00	7,242.26	7,113.26	7,113.26	298.84	250.29	86.61	-558.28	9,030.79	319.84	-26.52	346.36	0.923	Level 1	
17,200.00	7,244.21	7,115.21	7,115.21	301.79	250.36	87.72	-558.28	9,030.79	227.09	-157.99	385.08	0.590	Level 1	
17,300.00	7,246.17	7,117.17	7,117.17	304.75	250.43	88.84	-558.28	9,030.79	144.33	-318.50	462.83	0.312	Level 1	
17,400.00	7,248.13	7,119.13	7,119.13	307.70	250.50	89.96	-558.28	9,030.79	100.43	-458.10	558.53	0.180	Level 1	
17,403.75	7,248.20	7,119.20	7,119.20	307.81	250.50	90.00	-558.28	9,030.79	100.36	-458.54	558.89	0.180	Level 1, CC, ES, SF	
17,500.00	7,250.09	7,121.09	7,121.09	310.66	250.57	91.08	-558.28	9,030.79	139.04	-337.77	476.81	0.292	Level 1	
17,546.55	7,251.00	7,122.00	7,122.00	312.03	250.60	91.60	-558.28	9,030.79	174.52	-258.17	432.69	0.403	Level 1	

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
17,000.00	7,240.30	6,900.00	6,755.89	295.89	33.42	49.22	-934.12	9,574.98	1,130.47	977.26	153.21	7.379		
17,100.00	7,242.26	6,900.00	6,755.89	298.84	33.42	49.22	-934.12	9,574.98	1,048.58	883.80	164.78	6.363		
17,200.00	7,244.21	6,930.53	6,783.30	301.79	33.78	51.06	-932.43	9,588.31	968.88	791.63	177.25	5.466		
17,300.00	7,246.17	6,950.87	6,801.16	304.75	34.02	52.31	-931.34	9,597.99	892.49	700.88	191.62	4.658		
17,400.00	7,248.13	6,973.99	6,821.03	307.70	34.30	53.77	-930.13	9,609.75	819.85	612.08	207.76	3.946		
17,500.00	7,250.09	7,000.00	6,842.79	310.66	34.61	55.43	-928.81	9,623.94	751.71	525.94	225.76	3.330		
17,546.55	7,251.00	7,000.00	6,842.79	312.03	34.61	55.43	-928.81	9,623.94	722.04	487.00	235.04	3.072 CC, ES, SF		

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)				
17,200.00	7,244.21	6,873.26	6,772.43	301.79	32.85	63.42	-1,243.85	9,586.11	1,156.18	923.35	232.82	4.966		
17,300.00	7,246.17	6,900.00	6,796.14	304.75	33.10	64.81	-1,243.94	9,598.49	1,093.09	845.64	247.45	4.417		
17,400.00	7,248.13	6,900.00	6,796.14	307.70	33.10	64.81	-1,243.94	9,598.49	1,034.98	772.24	262.74	3.939		
17,500.00	7,250.09	6,941.32	6,831.55	310.66	33.65	66.94	-1,244.09	9,619.76	981.85	703.21	278.65	3.524		
17,546.55	7,251.00	6,954.63	6,842.62	312.03	33.82	67.62	-1,244.13	9,627.15	959.28	673.22	286.05	3.353	CC, ES, SF	

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
17,000.00	7,240.30	7,000.00	6,879.22	295.89	32.39	65.52	-1,082.59	9,546.36	1,143.38	955.83	187.56	6.096		
17,100.00	7,242.26	7,000.00	6,879.22	298.84	32.39	65.52	-1,082.59	9,546.36	1,064.86	863.17	201.69	5.280		
17,200.00	7,244.21	7,029.69	6,907.54	301.79	32.65	67.69	-1,082.21	9,555.23	989.18	771.78	217.40	4.550		
17,300.00	7,246.17	7,045.35	6,922.28	304.75	32.79	68.84	-1,082.02	9,560.50	917.97	683.20	234.78	3.910		
17,400.00	7,248.13	7,063.52	6,939.21	307.70	32.95	70.20	-1,081.80	9,567.12	851.84	598.14	253.70	3.358		
17,500.00	7,250.09	7,100.00	6,972.50	310.66	33.26	72.92	-1,081.38	9,582.01	792.11	518.43	273.68	2.894		
17,546.55	7,251.00	7,100.00	6,972.50	312.03	33.26	72.92	-1,081.38	9,582.01	766.35	482.92	283.44	2.704	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						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	
17,200.00	7,244.21	6,965.94	6,714.15	301.79	45.47	-60.14	317.53	9,546.08	1,141.54	907.06	234.49	4.868	
17,300.00	7,246.17	7,000.00	6,745.20	304.75	45.75	-62.09	324.78	9,558.05	1,082.71	833.11	249.60	4.338	
17,400.00	7,248.13	7,000.00	6,745.20	307.70	45.75	-62.09	324.78	9,558.05	1,028.93	765.30	263.64	3.903	
17,500.00	7,250.09	7,021.65	6,764.56	310.66	45.98	-63.33	329.29	9,566.63	981.99	702.81	279.18	3.517	
17,546.55	7,251.00	7,033.00	6,774.57	312.03	46.10	-63.98	331.63	9,571.43	962.55	676.06	286.50	3.360	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						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	
16,900.00	7,238.34	6,938.95	6,705.63	292.94	41.32	-44.93	-5.56	9,543.57	1,193.56	1,049.89	143.67	8.308	
17,000.00	7,240.30	6,951.10	6,716.89	295.89	41.43	-45.79	-3.14	9,547.47	1,110.54	957.15	153.39	7.240	
17,100.00	7,242.26	6,964.82	6,729.49	298.84	41.55	-46.78	-0.42	9,552.16	1,030.10	865.60	164.50	6.262	
17,200.00	7,244.21	7,000.00	6,761.27	301.79	41.87	-49.36	6.42	9,565.60	953.29	775.18	178.11	5.352	
17,300.00	7,246.17	7,000.00	6,761.27	304.75	41.87	-49.36	6.42	9,565.60	879.35	687.53	191.83	4.584	
17,400.00	7,248.13	7,000.00	6,761.27	307.70	41.87	-49.36	6.42	9,565.60	811.03	603.96	207.07	3.917	
17,500.00	7,250.09	7,042.84	6,798.79	310.66	42.35	-52.56	14.48	9,584.61	747.52	520.59	226.93	3.294	
17,546.55	7,251.00	7,055.35	6,809.47	312.03	42.50	-53.51	16.77	9,590.70	720.44	484.12	236.32	3.049	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	
16,900.00	7,238.34	6,900.00	6,701.67	292.94	37.59	-16.46	-324.86	9,546.36	1,117.45	1,040.40	77.05	14.503	
17,000.00	7,240.30	6,939.60	6,738.28	295.89	37.98	-18.61	-318.18	9,559.85	1,025.96	944.56	81.40	12.604	
17,100.00	7,242.26	6,954.64	6,751.94	298.84	38.13	-19.49	-315.69	9,565.65	936.68	850.18	86.50	10.829	
17,200.00	7,244.21	6,971.64	6,767.19	301.79	38.30	-20.54	-312.91	9,572.63	849.01	756.38	92.63	9.165	
17,300.00	7,246.17	7,000.00	6,792.15	304.75	38.58	-22.40	-308.37	9,585.30	763.45	663.25	100.19	7.620	
17,400.00	7,248.13	7,000.00	6,792.15	307.70	38.58	-22.40	-308.37	9,585.30	680.39	571.25	109.14	6.234	
17,500.00	7,250.09	7,038.63	6,825.10	310.66	39.07	-25.16	-302.39	9,604.54	600.04	479.16	120.89	4.964	
17,546.55	7,251.00	7,051.85	6,836.07	312.03	39.24	-26.18	-300.39	9,611.63	564.08	436.81	127.27	4.432	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	
16,900.00	7,238.34	6,900.00	6,738.96	292.94	34.89	21.17	-624.71	9,564.00	1,124.52	1,045.41	79.11	14.215	
17,000.00	7,240.30	6,900.00	6,738.96	295.89	34.89	21.17	-624.71	9,564.00	1,033.79	949.72	84.06	12.298	
17,100.00	7,242.26	6,928.30	6,764.69	298.84	35.21	22.00	-621.59	9,575.39	943.81	855.58	88.23	10.697	
17,200.00	7,244.21	6,946.11	6,780.57	301.79	35.40	22.57	-619.67	9,583.20	855.44	761.58	93.87	9.113	
17,300.00	7,246.17	6,966.28	6,798.26	304.75	35.63	23.25	-617.53	9,592.64	768.77	668.29	100.48	7.651	
17,400.00	7,248.13	7,000.00	6,827.07	307.70	36.00	24.48	-614.05	9,609.81	684.35	576.92	107.42	6.371	
17,500.00	7,250.09	7,000.00	6,827.07	310.66	36.00	24.48	-614.05	9,609.81	602.50	483.39	119.11	5.058	
17,546.55	7,251.00	7,029.11	6,851.09	312.03	36.41	25.66	-611.16	9,625.99	564.92	442.15	122.77	4.601	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						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,000.00	7,240.30	6,958.75	6,701.28	295.89	43.32	-52.83	145.43	9,541.30	1,179.49	997.17	182.32	6.469	
17,100.00	7,242.26	6,971.35	6,712.93	298.84	43.43	-53.66	148.30	9,545.19	1,104.79	910.32	194.47	5.681	
17,200.00	7,244.21	7,000.00	6,739.05	301.79	43.68	-55.56	154.72	9,555.02	1,034.16	825.40	208.76	4.954	
17,300.00	7,246.17	7,000.00	6,739.05	304.75	43.68	-55.56	154.72	9,555.02	967.66	744.90	222.76	4.344	
17,400.00	7,248.13	7,021.42	6,758.27	307.70	43.91	-56.98	159.44	9,563.23	906.82	667.57	239.25	3.790	
17,500.00	7,250.09	7,043.86	6,778.05	310.66	44.15	-58.48	164.30	9,572.62	852.38	595.53	256.85	3.319	
17,546.55	7,251.00	7,055.64	6,788.29	312.03	44.28	-59.26	166.81	9,577.87	829.50	564.12	265.38	3.126 CC, ES, SF	

Offset Design													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		
16,800.00	7,236.38	7,000.00	6,863.03	289.98	35.18	1.05	-466.38	9,537.99	1,144.17	1,092.27	51.89	22.048		
16,900.00	7,238.34	7,000.00	6,863.03	292.94	35.18	1.05	-466.38	9,537.99	1,047.95	994.69	53.26	19.678		
17,000.00	7,240.30	7,000.00	6,863.03	295.89	35.18	1.05	-466.38	9,537.99	952.50	897.48	55.02	17.312		
17,100.00	7,242.26	7,031.10	6,892.80	298.84	35.44	0.45	-463.04	9,546.32	856.69	801.27	55.42	15.457		
17,200.00	7,244.21	7,044.48	6,905.46	301.79	35.54	0.14	-461.62	9,550.40	762.10	705.03	57.07	13.355		
17,300.00	7,246.17	7,059.90	6,919.93	304.75	35.67	-0.24	-460.00	9,555.47	668.36	609.32	59.04	11.320		
17,400.00	7,248.13	7,077.83	6,936.58	307.70	35.81	-0.74	-458.14	9,561.85	575.69	514.25	61.44	9.371		
17,500.00	7,250.09	7,100.00	6,956.88	310.66	35.99	-1.46	-455.87	9,570.47	484.38	420.13	64.25	7.540		
17,546.55	7,251.00	7,100.00	6,956.88	312.03	35.99	-1.46	-455.87	9,570.47	442.64	375.26	67.38	6.570	CC, ES, SF	

Offset Design											5N-66W-08 Offsets Need HZ - WHITE 8-1 - Extraction PR Well - No Surveys	Offset Site Error:	0.00 usft
Survey Program:											100-SRC Energy_2° CONE_2.448	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
12,900.00	7,160.02	7,102.98	7,097.02	175.14	249.93	-88.94	424.26	5,349.54	1,185.88	806.96	378.92	3.130	
13,000.00	7,161.98	7,101.02	7,098.98	178.07	249.86	-89.07	424.26	5,349.54	1,119.44	730.97	388.47	2.882	
13,100.00	7,163.94	7,100.94	7,100.94	181.00	249.85	-89.20	424.26	5,349.54	1,058.29	659.70	398.59	2.655	
13,200.00	7,165.90	7,102.90	7,102.90	183.94	249.92	-89.33	424.26	5,349.54	1,003.40	594.34	409.06	2.453	
13,300.00	7,167.85	7,104.85	7,104.85	186.87	249.99	-89.46	424.26	5,349.54	955.84	536.39	419.44	2.279	
13,400.00	7,169.81	7,106.81	7,106.81	189.81	250.06	-89.59	424.26	5,349.54	916.75	487.48	429.27	2.136	
13,500.00	7,171.77	7,108.77	7,108.77	192.75	250.13	-89.72	424.26	5,349.54	887.26	449.31	437.95	2.026	
13,600.00	7,173.73	7,110.73	7,110.73	195.68	250.20	-89.85	424.26	5,349.54	868.35	423.49	444.86	1.952	
13,700.00	7,175.69	7,112.69	7,112.69	198.62	250.27	-89.98	424.26	5,349.54	860.71	411.25	449.46	1.915	
13,716.08	7,176.00	7,113.00	7,113.00	199.10	250.28	-90.00	424.26	5,349.54	860.56	410.60	449.96	1.913	CC, ES, SF
13,800.00	7,177.64	7,114.64	7,114.64	201.56	250.34	-90.11	424.26	5,349.54	864.64	413.19	451.45	1.915	
13,900.00	7,179.60	7,116.60	7,116.60	204.50	250.41	-90.24	424.26	5,349.54	879.99	429.17	450.82	1.952	
14,000.00	7,181.56	7,118.56	7,118.56	207.44	250.48	-90.37	424.26	5,349.54	906.17	458.31	447.86	2.023	
14,100.00	7,183.52	7,120.52	7,120.52	210.39	250.55	-90.50	424.26	5,349.54	942.28	499.24	443.05	2.127	
14,200.00	7,185.48	7,122.48	7,122.48	213.33	250.62	-90.63	424.26	5,349.54	987.24	550.30	436.94	2.259	
14,300.00	7,187.43	7,124.43	7,124.43	216.27	250.69	-90.76	424.26	5,349.54	1,039.90	609.84	430.06	2.418	
14,400.00	7,189.39	7,126.39	7,126.39	219.21	250.75	-90.89	424.26	5,349.54	1,099.15	676.32	422.83	2.600	
14,500.00	7,191.35	7,128.35	7,128.35	222.16	250.82	-91.02	424.26	5,349.54	1,163.98	748.40	415.58	2.801	

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7600-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (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		
14,400.00	7,189.39	7,170.80	6,925.13	219.21	18.48	-81.68	666.16	6,383.40	1,172.38	947.72	224.66	5.218		
14,500.00	7,191.35	7,167.19	6,921.57	222.16	18.48	-81.50	665.60	6,383.60	1,146.89	915.08	231.82	4.947		
14,600.00	7,193.31	7,163.58	6,918.01	225.10	18.47	-81.31	665.04	6,383.79	1,129.70	891.99	237.71	4.752		
14,700.00	7,195.27	7,159.97	6,914.44	228.05	18.46	-81.13	664.47	6,383.98	1,121.18	879.11	242.08	4.632		
14,745.96	7,196.17	7,158.30	6,912.80	229.40	18.46	-81.04	664.21	6,384.07	1,120.24	876.72	243.52	4.600	CC, ES	
14,800.00	7,197.22	7,156.35	6,910.88	230.99	18.46	-80.94	663.91	6,384.17	1,121.54	876.79	244.75	4.582	SF	
14,900.00	7,199.18	7,152.73	6,907.31	233.94	18.45	-80.76	663.34	6,384.36	1,130.77	885.10	245.66	4.603		
15,000.00	7,201.14	7,149.11	6,903.73	236.88	18.44	-80.57	662.78	6,384.55	1,148.65	903.76	244.88	4.691		
15,100.00	7,203.10	7,145.48	6,900.16	239.83	18.44	-80.39	662.21	6,384.74	1,174.79	932.21	242.58	4.843		

Offset Design												5N-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		Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance		Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)				Between Centres (usft)	Between Ellipses (usft)				
12,400.00	7,150.23	7,045.49	7,044.84	160.49	15.37	82.03	-611.86	5,119.18	1,105.80	1,058.75	47.04	23.505		
12,500.00	7,152.19	7,047.91	7,047.26	163.42	15.37	82.80	-611.86	5,119.19	1,007.24	957.72	49.52	20.339		
12,600.00	7,154.15	7,050.32	7,049.66	166.35	15.38	83.57	-611.85	5,119.19	908.99	856.36	52.63	17.272		
12,700.00	7,156.11	7,052.71	7,052.05	169.28	15.38	84.33	-611.84	5,119.20	811.16	754.57	56.59	14.334		
12,800.00	7,158.07	7,055.09	7,054.43	172.21	15.39	85.10	-611.83	5,119.21	713.92	652.17	61.75	11.562		
12,900.00	7,160.02	7,057.45	7,056.80	175.14	15.39	85.86	-611.82	5,119.22	617.55	548.92	68.64	8.998		
13,000.00	7,161.98	7,059.80	7,059.15	178.07	15.40	86.61	-611.81	5,119.23	522.55	444.42	78.13	6.688		
13,100.00	7,163.94	7,062.14	7,061.48	181.00	15.40	87.37	-611.80	5,119.23	429.80	338.08	91.72	4.686		
13,200.00	7,165.90	7,064.46	7,063.81	183.94	15.41	88.12	-611.79	5,119.24	341.17	229.18	111.98	3.047		
13,300.00	7,167.85	7,066.77	7,066.12	186.87	15.41	88.87	-611.78	5,119.25	260.86	118.10	142.76	1.827		
13,400.00	7,169.81	7,069.07	7,068.41	189.81	15.42	89.61	-611.77	5,119.26	199.22	15.02	184.20	1.082	Level 2	
13,491.86	7,171.61	7,071.17	7,070.51	192.51	15.42	90.29	-611.76	5,119.26	176.79	-31.65	208.44	0.848	Level 1, CC, ES, SF	
13,500.00	7,171.77	7,071.35	7,070.70	192.75	15.42	90.35	-611.76	5,119.26	176.98	-31.54	208.52	0.849	Level 1	
13,600.00	7,173.73	7,073.62	7,072.97	195.68	15.43	91.09	-611.74	5,119.27	207.23	23.51	183.72	1.128	Level 2	
13,700.00	7,175.69	7,075.88	7,075.22	198.62	15.43	91.82	-611.73	5,119.28	273.05	126.84	146.21	1.867		
13,800.00	7,177.64	7,078.12	7,077.47	201.56	15.44	92.54	-611.72	5,119.28	355.18	236.53	118.65	2.994		
13,900.00	7,179.60	7,080.36	7,079.70	204.50	15.44	93.27	-611.71	5,119.29	444.69	344.42	100.26	4.435		
14,000.00	7,181.56	7,082.57	7,081.92	207.44	15.45	93.98	-611.69	5,119.29	537.89	450.16	87.73	6.131		
14,100.00	7,183.52	7,084.78	7,084.13	210.39	15.45	94.69	-611.68	5,119.30	633.17	554.32	78.85	8.031		
14,200.00	7,185.48	7,086.98	7,086.32	213.33	15.45	95.40	-611.67	5,119.31	729.70	657.39	72.31	10.091		
14,300.00	7,187.43	7,089.16	7,088.50	216.27	15.46	96.10	-611.65	5,119.31	827.05	759.69	67.36	12.278		
14,400.00	7,189.39	7,091.33	7,090.67	219.21	15.46	96.80	-611.64	5,119.32	924.96	861.46	63.51	14.565		
14,500.00	7,191.35	7,093.49	7,092.83	222.16	15.47	97.49	-611.63	5,119.32	1,023.27	962.82	60.45	16.927		
14,600.00	7,193.31	7,095.63	7,094.98	225.10	15.47	98.17	-611.61	5,119.33	1,121.88	1,063.89	57.99	19.347		

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 Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
13,600.00	7,173.73	7,056.76	7,056.11	195.68	15.45	86.66	-786.20	6,372.79	1,196.86	1,122.32	74.54	16.057		
13,700.00	7,175.69	7,058.43	7,057.79	198.62	15.46	86.94	-786.20	6,372.79	1,101.47	1,021.46	80.01	13.767		
13,800.00	7,177.64	7,060.13	7,059.49	201.56	15.46	87.22	-786.19	6,372.78	1,006.96	920.44	86.52	11.639		
13,900.00	7,179.60	7,061.85	7,061.21	204.50	15.46	87.51	-786.19	6,372.78	913.63	819.28	94.34	9.684		
14,000.00	7,181.56	7,063.59	7,062.95	207.44	15.47	87.80	-786.18	6,372.78	821.86	718.00	103.86	7.913		
14,100.00	7,183.52	7,065.36	7,064.71	210.39	15.47	88.09	-786.18	6,372.78	732.24	616.68	115.56	6.337		
14,200.00	7,185.48	7,067.15	7,066.50	213.33	15.48	88.39	-786.18	6,372.78	645.67	515.60	130.07	4.964		
14,300.00	7,187.43	7,068.96	7,068.32	216.27	15.48	88.69	-786.17	6,372.78	563.57	415.43	148.14	3.804		
14,400.00	7,189.39	7,070.80	7,070.15	219.21	15.48	89.00	-786.17	6,372.78	488.18	317.83	170.34	2.866		
14,500.00	7,191.35	7,072.66	7,072.02	222.16	15.49	89.31	-786.17	6,372.78	423.10	226.80	196.30	2.155		
14,600.00	7,193.31	7,074.55	7,073.91	225.10	15.49	89.62	-786.16	6,372.78	373.77	150.99	222.78	1.678		
14,700.00	7,195.27	7,076.47	7,075.82	228.05	15.49	89.94	-786.16	6,372.78	346.98	105.15	241.82	1.435	Level 3	
14,746.61	7,196.18	7,077.37	7,076.72	229.42	15.50	90.09	-786.16	6,372.78	343.83	98.44	245.40	1.401	Level 3, CC, ES, SF	
14,800.00	7,197.22	7,078.41	7,077.76	230.99	15.50	90.26	-786.16	6,372.78	347.95	103.52	244.44	1.423	Level 3	
14,900.00	7,199.18	7,080.38	7,079.73	233.94	15.50	90.59	-786.15	6,372.78	376.48	146.20	230.28	1.635		
15,000.00	7,201.14	7,082.37	7,081.73	236.88	15.51	90.92	-786.15	6,372.78	427.08	219.27	207.81	2.055		
15,100.00	7,203.10	7,084.40	7,083.76	239.83	15.51	91.26	-786.15	6,372.78	493.01	308.20	184.80	2.668		
15,200.00	7,205.06	7,086.46	7,085.81	242.78	15.52	91.60	-786.15	6,372.78	568.95	404.29	164.66	3.455		
15,300.00	7,207.01	7,088.54	7,087.90	245.73	15.52	91.95	-786.14	6,372.78	651.41	503.41	148.00	4.401		
15,400.00	7,208.97	7,090.65	7,090.01	248.67	15.52	92.30	-786.14	6,372.78	738.22	603.75	134.47	5.490		
15,500.00	7,210.93	7,092.80	7,092.16	251.62	15.53	92.66	-786.14	6,372.79	828.00	704.54	123.46	6.707		
15,600.00	7,212.89	7,094.98	7,094.33	254.57	15.53	93.02	-786.14	6,372.79	919.89	805.46	114.43	8.039		
15,700.00	7,214.85	7,097.19	7,096.55	257.52	15.54	93.39	-786.13	6,372.79	1,013.31	906.35	106.96	9.474		
15,800.00	7,216.80	7,099.43	7,098.79	260.47	15.54	93.76	-786.13	6,372.79	1,107.88	1,007.17	100.71	11.001		

Offset Design												5N-67W-12 Offsets - BORESEN 1 - Noble Energy PR Well - No Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_2° CONE_2.448	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance		Distance		Minimum Separation		Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
2,500.00	2,446.03	2,429.03	2,429.03	8.47	84.36	-11.49	-589.39	-1,540.91	1,192.10	1,100.48	91.62	13.011		
2,600.00	2,543.00	2,526.00	2,526.00	8.73	87.79	-11.73	-589.39	-1,540.91	1,168.12	1,072.92	95.20	12.270		
2,700.00	2,639.96	2,622.96	2,622.96	9.01	91.23	-11.98	-589.39	-1,540.91	1,144.17	1,045.37	98.80	11.581		
2,800.00	2,736.93	2,719.93	2,719.93	9.30	94.66	-12.23	-589.39	-1,540.91	1,120.23	1,017.83	102.41	10.939		
2,900.00	2,833.89	2,816.89	2,816.89	9.62	98.09	-12.50	-589.39	-1,540.91	1,096.32	990.29	106.03	10.340		
3,000.00	2,930.86	2,913.86	2,913.86	9.95	101.53	-12.79	-589.39	-1,540.91	1,072.44	962.77	109.66	9.779		
3,100.00	3,027.82	3,010.82	3,010.82	10.29	104.96	-13.08	-589.39	-1,540.91	1,048.57	935.27	113.31	9.254		
3,200.00	3,124.79	3,107.79	3,107.79	10.64	108.39	-13.39	-589.39	-1,540.91	1,024.74	907.78	116.96	8.761		
3,300.00	3,221.76	3,204.76	3,204.76	11.01	111.83	-13.72	-589.39	-1,540.91	1,000.94	880.30	120.63	8.297		
3,400.00	3,318.72	3,301.72	3,301.72	11.39	115.26	-14.05	-589.39	-1,540.91	977.16	852.85	124.31	7.861		
3,500.00	3,415.69	3,401.31	3,398.69	11.77	118.79	-14.41	-589.39	-1,540.91	953.42	825.34	128.09	7.444		
3,600.00	3,512.65	3,504.35	3,495.65	12.16	122.44	-14.78	-589.39	-1,540.91	929.72	797.73	131.99	7.044		
3,700.00	3,609.62	3,607.38	3,592.62	12.56	126.09	-15.18	-589.39	-1,540.91	906.06	770.15	135.91	6.667		
3,800.00	3,706.59	3,689.59	3,689.59	12.97	129.00	-15.59	-589.39	-1,540.91	882.44	743.34	139.10	6.344		
3,900.00	3,803.55	3,786.55	3,786.55	13.38	132.44	-16.03	-589.39	-1,540.91	858.87	716.05	142.82	6.014		
4,000.00	3,900.52	3,883.52	3,883.52	13.80	135.87	-16.49	-589.39	-1,540.91	835.34	688.80	146.54	5.700		
4,100.00	3,997.48	3,980.48	3,980.48	14.22	139.31	-16.98	-589.39	-1,540.91	811.87	661.60	150.28	5.403		
4,200.00	4,094.45	4,077.45	4,077.45	14.65	142.74	-17.50	-589.39	-1,540.91	788.46	634.45	154.02	5.119		
4,300.00	4,191.42	4,174.42	4,174.42	15.08	146.17	-18.05	-589.39	-1,540.91	765.12	607.35	157.76	4.850		
4,400.00	4,288.38	4,271.38	4,271.38	15.52	149.61	-18.63	-589.39	-1,540.91	741.84	580.32	161.52	4.593		
4,500.00	4,385.35	4,368.35	4,368.35	15.95	153.04	-19.25	-589.39	-1,540.91	718.65	553.36	165.28	4.348		
4,600.00	4,482.31	4,465.31	4,465.31	16.40	156.48	-19.91	-589.39	-1,540.91	695.54	526.48	169.06	4.114		
4,700.00	4,579.28	4,562.28	4,562.28	16.84	159.91	-20.62	-589.39	-1,540.91	672.52	499.68	172.84	3.891		
4,800.00	4,676.25	4,659.25	4,659.25	17.29	163.35	-21.38	-589.39	-1,540.91	649.61	472.98	176.63	3.678		
4,900.00	4,773.21	4,756.21	4,756.21	17.74	166.78	-22.19	-589.39	-1,540.91	626.82	446.39	180.43	3.474		
5,000.00	4,870.18	4,853.18	4,853.18	18.19	170.22	-23.06	-589.39	-1,540.91	604.15	419.91	184.24	3.279		
5,100.00	4,967.14	4,950.14	4,950.14	18.65	173.65	-24.00	-589.39	-1,540.91	581.63	393.56	188.07	3.093		
5,200.00	5,064.11	5,047.11	5,047.11	19.10	177.09	-25.01	-589.39	-1,540.91	559.27	367.36	191.91	2.914		
5,300.00	5,161.07	5,144.07	5,144.07	19.56	180.53	-26.11	-589.39	-1,540.91	537.09	341.33	195.76	2.744		
5,400.00	5,258.04	5,241.04	5,241.04	20.02	183.96	-27.29	-589.39	-1,540.91	515.11	315.48	199.63	2.580		
5,500.00	5,355.01	5,338.01	5,338.01	20.49	187.40	-28.59	-589.39	-1,540.91	493.37	289.85	203.53	2.424		
5,600.00	5,451.97	5,434.97	5,434.97	20.95	190.83	-30.00	-589.39	-1,540.91	471.90	264.46	207.44	2.275		
5,700.00	5,548.94	5,531.94	5,531.94	21.41	194.27	-31.54	-589.39	-1,540.91	450.72	239.34	211.38	2.132		
5,800.00	5,645.90	5,628.90	5,628.90	21.88	197.70	-33.23	-589.39	-1,540.91	429.90	214.55	215.35	1.996		
5,900.00	5,742.87	5,725.87	5,725.87	22.35	201.14	-35.08	-589.39	-1,540.91	409.47	190.12	219.35	1.867		
6,000.00	5,839.84	5,822.84	5,822.84	22.82	204.57	-37.13	-589.39	-1,540.91	389.51	166.12	223.39	1.744		
6,100.00	5,936.80	5,919.80	5,919.80	23.29	208.01	-39.39	-589.39	-1,540.91	370.09	142.61	227.48	1.627		
6,200.00	6,033.77	6,016.77	6,016.77	23.76	211.44	-41.88	-589.39	-1,540.91	351.29	119.68	231.61	1.517		
6,300.00	6,130.73	6,113.73	6,113.73	24.23	214.88	-44.65	-589.39	-1,540.91	333.23	97.44	235.79	1.413 Level 3		
6,400.00	6,227.70	6,210.70	6,210.70	24.70	218.31	-47.71	-589.39	-1,540.91	316.03	76.00	240.03	1.317 Level 3		
6,500.00	6,325.19	6,308.19	6,308.19	25.04	221.77	-42.52	-589.39	-1,540.91	300.91	56.72	244.19	1.232 Level 2		
6,600.00	6,424.66	6,407.66	6,407.66	25.19	225.29	32.09	-589.39	-1,540.91	292.45	44.48	247.97	1.179 Level 2		
6,669.35	6,493.73	6,476.73	6,476.73	25.24	227.74	90.00	-589.39	-1,540.91	290.68	40.34	250.34	1.161 Level 2, CC		
6,700.00	6,524.02	6,507.02	6,507.02	25.27	228.81	98.09	-589.39	-1,540.91	291.05	39.73	251.32	1.158 Level 2, ES, SF		
6,800.00	6,620.84	6,603.84	6,603.84	25.32	232.24	111.33	-589.39	-1,540.91	298.15	43.95	254.20	1.173 Level 2		
6,900.00	6,712.73	6,704.27	6,695.73	25.41	235.80	119.41	-589.39	-1,540.91	316.43	59.48	256.94	1.232 Level 2		
7,000.00	6,797.42	6,780.42	6,780.42	25.56	238.50	125.56	-589.39	-1,540.91	348.50	89.75	258.75	1.347 Level 3		
7,100.00	6,872.84	6,855.84	6,855.84	25.86	241.17	129.82	-589.39	-1,540.91	395.59	134.94	260.64	1.518		
7,200.00	6,937.12	6,920.12	6,920.12	26.34	243.45	131.80	-589.39	-1,540.91	457.12	194.77	262.35	1.742		
7,300.00	6,988.68	6,971.68	6,971.68	27.07	245.27	130.89	-589.39	-1,540.91	531.16	267.34	263.83	2.013		
7,400.00	7,026.26	7,009.26	7,009.26	28.05	246.60	125.75	-589.39	-1,540.91	615.07	350.10	264.97	2.321		
7,500.00	7,048.92	7,031.92	7,031.92	29.28	247.41	113.28	-589.39	-1,540.91	705.94	440.24	265.70	2.657		
7,600.00	7,056.33	7,039.33	7,039.33	30.70	247.67	93.79	-589.39	-1,540.91	800.83	534.87	265.96	3.011		
7,700.00	7,058.28	7,041.28	7,041.28	32.32	247.74	94.28	-589.39	-1,540.91	897.17	631.10	266.07	3.372		
7,800.00	7,060.24	7,043.24	7,043.24	34.12	247.81	94.78	-589.39	-1,540.91	994.23	728.04	266.19	3.735		
7,900.00	7,062.19	7,045.19	7,045.19	36.08	247.88	95.27	-589.39	-1,540.91	1,091.81	825.51	266.30	4.100		
8,000.00	7,064.15	7,047.15	7,047.15	38.17	247.95	95.76	-589.39	-1,540.91	1,189.79	923.37	266.42	4.466		

Offset Design												Offset Site Error:	0.00 usft			
5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys												Offset Well Error:	3.28 usft			
Survey Program: 214-SRC Energy_ISCWSA REV 2 MWD																
Reference		Offset		Semi Major Axis			Distance		Distance		Minimum Separation		Separation Factor		Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
2,200.00	2,155.13	2,257.01	2,216.21	7.82	9.17	7.61	-204.47	-1,573.40	1,199.95	1,183.87	16.08	74.626				
2,300.00	2,252.10	2,345.25	2,300.76	8.01	9.67	9.02	-179.25	-1,571.53	1,171.15	1,154.45	16.70	70.119				
2,400.00	2,349.06	2,442.47	2,393.96	8.23	10.24	10.63	-151.66	-1,569.58	1,143.29	1,125.89	17.40	65.700				
2,500.00	2,446.03	2,534.48	2,482.37	8.47	10.77	12.19	-126.31	-1,566.89	1,115.45	1,097.36	18.09	61.654				
2,600.00	2,543.00	2,622.89	2,567.41	8.73	11.29	13.74	-102.26	-1,564.82	1,089.02	1,070.23	18.79	57.949				
2,700.00	2,639.96	2,717.70	2,657.93	9.01	11.90	15.59	-74.19	-1,562.25	1,063.23	1,043.64	19.60	54.251				
2,800.00	2,736.93	2,806.92	2,742.26	9.30	12.51	17.56	-45.18	-1,559.63	1,038.57	1,018.14	20.43	50.838				
2,900.00	2,833.89	2,893.54	2,824.34	9.62	13.09	19.50	-17.64	-1,557.17	1,015.34	994.09	21.25	47.784				
3,000.00	2,930.86	2,973.15	2,900.13	9.95	13.61	21.30	6.71	-1,555.61	994.19	972.18	22.01	45.169				
3,100.00	3,027.82	3,048.03	2,971.53	10.29	14.10	23.00	29.27	-1,555.22	975.70	952.96	22.74	42.898				
3,200.00	3,124.79	3,134.71	3,054.26	10.64	14.67	25.01	55.13	-1,555.80	959.70	936.14	23.56	40.731				
3,300.00	3,221.76	3,229.14	3,144.76	11.01	15.26	27.18	82.08	-1,556.78	945.26	920.84	24.41	38.717				
3,400.00	3,318.72	3,324.13	3,236.37	11.39	15.83	29.30	107.14	-1,557.97	931.88	906.64	25.24	36.915				
3,500.00	3,415.69	3,424.18	3,333.17	11.77	16.41	31.52	132.41	-1,559.08	919.44	893.35	26.09	35.241				
3,600.00	3,512.65	3,522.57	3,428.63	12.16	16.97	33.71	156.21	-1,559.75	907.63	880.72	26.91	33.729				
3,700.00	3,609.62	3,632.28	3,535.55	12.56	17.56	36.12	180.80	-1,559.97	896.10	868.33	27.77	32.269				
3,800.00	3,706.59	3,720.99	3,622.25	12.97	18.01	38.05	199.52	-1,559.87	885.07	856.58	28.49	31.071				
3,900.00	3,803.55	3,798.49	3,697.65	13.38	18.43	39.84	217.44	-1,560.08	876.54	847.39	29.14	30.077				
4,000.00	3,900.52	3,877.62	3,774.13	13.80	18.90	41.80	237.77	-1,560.65	871.05	841.23	29.82	29.213				
4,100.00	3,997.48	3,959.26	3,852.33	14.22	19.43	43.98	261.19	-1,561.09	868.61	838.09	30.52	28.462				
4,143.41	4,039.58	3,997.08	3,888.47	14.41	19.68	45.00	272.33	-1,561.37	868.39	837.55	30.84	28.160	CC			
4,200.00	4,094.45	4,049.06	3,938.10	14.65	20.03	46.41	287.78	-1,561.75	868.71	837.44	31.27	27.783	ES			
4,300.00	4,191.42	4,153.55	4,038.17	15.08	20.71	49.20	317.82	-1,562.38	870.17	838.07	32.10	27.108				
4,400.00	4,288.38	4,250.84	4,131.67	15.52	21.32	51.76	344.70	-1,562.18	872.21	839.37	32.84	26.560				
4,500.00	4,385.35	4,331.10	4,208.67	15.95	21.84	53.88	367.36	-1,561.97	876.47	843.04	33.42	26.223				
4,600.00	4,482.31	4,432.31	4,305.92	16.40	22.49	56.49	395.39	-1,562.24	882.49	848.35	34.14	25.847				
4,700.00	4,579.28	4,517.52	4,387.78	16.84	23.03	58.66	419.03	-1,562.31	890.21	855.50	34.71	25.647				
4,800.00	4,676.25	4,607.69	4,474.19	17.29	23.62	60.96	444.81	-1,562.29	900.20	864.90	35.30	25.501				
4,900.00	4,773.21	4,704.94	4,567.51	17.74	24.24	63.36	472.17	-1,562.62	911.75	875.83	35.92	25.382				
5,000.00	4,870.18	4,811.28	4,670.19	18.19	24.89	65.79	499.78	-1,563.88	923.59	887.00	36.59	25.243				
5,100.00	4,967.14	4,903.04	4,758.93	18.65	25.44	67.85	523.13	-1,564.25	936.04	898.92	37.13	25.213				
5,200.00	5,064.11	4,983.74	4,836.77	19.10	25.93	69.64	544.41	-1,564.73	950.70	913.13	37.57	25.303				
5,300.00	5,161.07	5,091.15	4,940.47	19.56	26.58	71.91	572.37	-1,566.08	966.70	928.48	38.22	25.293				
5,400.00	5,258.04	5,216.36	5,062.29	20.02	27.27	74.36	601.23	-1,567.88	981.37	942.41	38.96	25.189				
5,500.00	5,355.01	5,326.50	5,170.09	20.49	27.83	76.41	623.79	-1,568.76	994.57	954.99	39.58	25.130				
5,600.00	5,451.97	5,436.18	5,277.63	20.95	28.36	78.41	645.30	-1,568.83	1,007.80	967.62	40.18	25.082				
5,700.00	5,548.94	5,548.52	5,388.20	21.41	28.87	80.41	665.16	-1,567.96	1,019.91	979.12	40.79	25.004				
5,800.00	5,645.90	5,655.23	5,493.43	21.88	29.34	82.25	682.82	-1,566.95	1,031.92	990.55	41.37	24.945				
5,900.00	5,742.87	5,759.41	5,596.37	22.35	29.76	84.01	698.77	-1,565.57	1,043.56	1,001.62	41.94	24.885				
6,000.00	5,839.84	5,881.12	5,716.95	22.82	30.22	85.92	715.34	-1,565.18	1,054.80	1,012.24	42.57	24.780				
6,100.00	5,936.80	6,004.35	5,839.48	23.29	30.62	87.71	728.34	-1,565.65	1,064.04	1,020.86	43.18	24.643				
6,200.00	6,033.77	6,120.45	5,955.19	23.76	30.94	89.31	737.83	-1,566.56	1,071.77	1,028.01	43.76	24.493				
6,300.00	6,130.73	6,229.52	6,064.02	24.23	31.22	90.77	745.05	-1,567.30	1,078.61	1,034.29	44.32	24.335				
6,400.00	6,227.70	6,348.85	6,183.17	24.70	31.48	92.40	751.42	-1,566.92	1,084.69	1,039.80	44.89	24.161				
6,500.00	6,325.19	6,467.07	6,301.33	25.04	31.71	101.60	755.05	-1,566.42	1,089.57	1,044.23	45.34	24.032				
6,600.00	6,424.66	6,578.82	6,413.07	25.19	31.89	177.30	756.64	-1,566.65	1,095.66	1,050.00	45.66	23.997				
6,700.00	6,524.02	6,684.37	6,518.62	25.27	32.04	-118.51	757.32	-1,566.61	1,103.41	1,057.42	45.98	23.997	SF			
6,800.00	6,620.84	6,784.42	6,618.67	25.32	32.18	-109.45	757.65	-1,566.25	1,113.39	1,067.03	46.36	24.018				
6,900.00	6,712.73	6,882.89	6,717.14	25.41	32.31	-106.87	757.57	-1,565.66	1,126.16	1,079.33	46.83	24.049				
7,000.00	6,797.42	6,971.02	6,805.26	25.56	32.42	-106.01	757.15	-1,564.95	1,142.79	1,095.34	47.45	24.085				
7,100.00	6,872.84	7,048.85	6,883.09	25.86	32.52	-105.54	756.65	-1,564.19	1,164.71	1,116.46	48.25	24.138				
7,200.00	6,937.12	7,114.73	6,948.96	26.34	32.61	-104.78	756.18	-1,563.47	1,193.12	1,143.87	49.25	24.226				

Offset Design													Offset Site Error:	0.00 usft
5N-67W-12 Offsets - DETIENNE 17-12 - Noble Energy PR Well - Actual Strata Surveys													Offset Well Error:	3.28 usft
Survey Program: 96-SRC Energy_ISCWSA REV 2 MWD														
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		
4,100.00	3,997.48	3,857.36	3,785.30	14.22	17.32	17.93	-82.16	-2,007.13	1,197.37	1,171.90	25.47	47.013		
4,200.00	4,094.45	3,943.62	3,869.08	14.65	17.81	18.90	-67.19	-2,021.13	1,192.19	1,166.11	26.08	45.707		
4,300.00	4,191.42	4,045.66	3,968.08	15.08	18.40	20.05	-49.39	-2,038.34	1,188.11	1,161.33	26.78	44.364		
4,400.00	4,288.38	4,151.92	4,071.51	15.52	18.99	21.20	-32.08	-2,055.44	1,183.52	1,156.03	27.49	43.058		
4,500.00	4,385.35	4,257.35	4,174.41	15.95	19.55	22.30	-16.18	-2,071.98	1,178.73	1,150.56	28.18	41.835		
4,600.00	4,482.31	4,367.06	4,281.81	16.40	20.11	23.39	-1.10	-2,088.56	1,173.50	1,144.62	28.87	40.645		
4,700.00	4,579.28	4,453.92	4,366.89	16.84	20.55	24.24	10.30	-2,101.83	1,168.64	1,139.18	29.46	39.669		
4,800.00	4,676.25	4,564.48	4,475.30	17.29	21.10	25.27	23.92	-2,118.76	1,163.97	1,133.81	30.15	38.602		
4,900.00	4,773.21	4,672.87	4,581.80	17.74	21.60	26.28	36.62	-2,134.40	1,158.61	1,127.79	30.82	37.592		
5,000.00	4,870.18	4,780.07	4,687.26	18.19	22.09	27.29	49.02	-2,149.05	1,152.79	1,121.30	31.49	36.614		
5,100.00	4,967.14	4,883.76	4,789.43	18.65	22.56	28.26	60.43	-2,162.55	1,146.49	1,114.35	32.14	35.674		
5,200.00	5,064.11	4,980.67	4,884.91	19.10	22.99	29.19	71.52	-2,174.93	1,140.40	1,107.63	32.77	34.801		
5,300.00	5,161.07	5,082.78	4,985.53	19.56	23.44	30.17	82.86	-2,188.09	1,134.65	1,101.22	33.43	33.944		
5,400.00	5,258.04	5,192.28	5,093.62	20.02	23.91	31.18	93.81	-2,201.72	1,128.44	1,094.34	34.11	33.086		
5,500.00	5,355.01	5,297.77	5,197.94	20.49	24.35	32.13	103.40	-2,214.19	1,121.63	1,086.87	34.77	32.262		
5,600.00	5,451.97	5,423.05	5,322.10	20.95	24.82	33.24	113.47	-2,227.41	1,113.53	1,078.05	35.48	31.387		
5,700.00	5,548.94	5,521.84	5,420.17	21.41	25.17	34.11	120.64	-2,236.91	1,104.57	1,068.46	36.11	30.591		
5,800.00	5,645.90	5,707.85	5,605.36	21.88	25.73	35.54	127.90	-2,251.73	1,094.21	1,057.37	36.84	29.698		
5,900.00	5,742.87	5,817.37	5,714.83	22.35	25.94	36.45	130.21	-2,254.28	1,077.15	1,039.71	37.44	28.773		
6,000.00	5,839.84	5,923.56	5,820.98	22.82	26.14	37.36	132.29	-2,255.98	1,059.63	1,021.60	38.04	27.858		
6,100.00	5,936.80	6,034.56	5,931.98	23.29	26.32	38.29	132.76	-2,256.91	1,041.02	1,002.39	38.63	26.947		
6,200.00	6,033.77	6,131.79	6,029.20	23.76	26.47	39.07	131.90	-2,257.52	1,021.91	982.68	39.23	26.047		
6,300.00	6,130.73	6,227.58	6,124.99	24.23	26.61	39.88	131.33	-2,258.31	1,003.29	963.44	39.84	25.181		
6,400.00	6,227.70	6,326.88	6,224.29	24.70	26.76	40.76	130.87	-2,258.96	984.79	944.32	40.46	24.338		
6,500.00	6,325.19	6,426.22	6,323.62	25.04	26.91	48.79	130.44	-2,259.34	968.51	927.51	41.00	23.621		
6,578.15	6,402.85	6,506.89	6,404.29	25.16	27.03	92.23	129.92	-2,259.56	964.39	923.08	41.30	23.349	CC, ES	
6,600.00	6,424.66	6,529.85	6,427.25	25.19	27.06	123.78	129.74	-2,259.58	964.71	923.32	41.39	23.310	SF	
6,700.00	6,524.02	6,628.42	6,525.81	25.27	27.21	-171.87	128.93	-2,259.58	974.55	932.87	41.68	23.379		
6,800.00	6,620.84	6,725.46	6,622.85	25.32	27.35	-161.90	128.19	-2,259.72	998.20	956.30	41.90	23.821		
6,900.00	6,712.73	6,819.61	6,717.00	25.41	27.49	-157.71	127.05	-2,259.87	1,034.89	992.83	42.06	24.606		
7,000.00	6,797.42	6,905.41	6,802.79	25.56	27.62	-154.73	125.72	-2,260.01	1,084.02	1,041.85	42.18	25.702		
7,100.00	6,872.84	6,981.14	6,878.51	25.86	27.73	-151.65	124.41	-2,260.13	1,144.77	1,102.50	42.27	27.084		



