

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
5N-66W-07 BOST FARM 5-7 PAD
BOST FARM 32N-11C-L**

**Wellbore #1
Design #1**

Anticollision Report

28 December, 2017

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

Survey Tool Program	Date 12/28/2017				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
0.00	1,750.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV	: Fixed:v2:crustal field declination	
1,750.00	17,327.69	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
Offset Well - Wellbore - Design						
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	8,485.56	9,852.36	1,155.18	1,017.29	8.378	CC
BOST FARM 12N-12B-M - Wellbore #1 - Design #1	12,100.00	13,441.93	1,159.84	813.31	3.347	ES, SF
BOST FARM 12N-12C-M - Wellbore #1 - Design #1	7,498.40	8,902.28	928.02	843.75	11.013	CC
BOST FARM 12N-12C-M - Wellbore #1 - Design #1	12,100.00	13,473.69	938.42	591.23	2.703	ES, SF
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	252.00	255.00	227.89	220.28	29.953	CC, ES
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	400.00	392.10	231.43	223.67	29.831	SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	200.00	203.00	240.83	233.26	31.815	CC
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	203.75	206.75	240.83	233.26	31.805	ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	400.00	391.27	244.69	236.93	31.538	SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	200.00	203.00	254.50	246.93	33.621	CC
BOST FARM 26C-8-L - Wellbore #1 - Design #1	203.99	206.99	254.50	246.93	33.610	ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	400.00	390.69	258.56	250.80	33.326	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	200.00	203.00	269.15	261.58	35.556	CC
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	204.17	207.17	269.15	261.57	35.544	ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	400.00	389.93	273.42	265.67	35.241	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	200.00	200.00	200.01	192.44	26.426	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	300.00	297.17	200.70	193.05	26.233	SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	200.00	179.97	172.40	23.778	CC, ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	300.00	297.56	180.64	172.99	23.611	SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	200.00	60.11	52.54	7.942	CC
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.03	200.03	60.11	52.54	7.942	ES
BOST FARM 31C-11-L - Wellbore #1 - Design #1	17,327.69	17,382.66	675.08	63.65	1.104	Level 2, SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	200.00	80.15	72.58	10.589	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.01	200.01	80.15	72.58	10.589	ES
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	17,327.69	17,189.21	872.47	250.25	1.402	Level 3, SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	200.00	100.18	92.61	13.236	CC
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	200.00	100.18	92.61	13.236	ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	17,327.69	17,265.97	1,100.94	477.62	1.766	SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	283.84	283.65	19.73	12.10	2.584	CC
BOST FARM 32C-11-L - Wellbore #1 - Design #1	17,327.69	17,478.70	253.21	-296.97	0.460	Level 1, ES, SF
BOST FARM 32C-12-M - Wellbore #1 - Design #1	11,789.83	13,304.16	721.95	395.06	2.209	CC
BOST FARM 32C-12-M - Wellbore #1 - Design #1	12,100.00	13,576.39	722.59	378.29	2.099	ES, SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	7,484.07	8,773.51	482.47	398.84	5.769	CC
BOST FARM 32N-12B-M - Wellbore #1 - Design #1	12,100.00	13,362.03	506.36	166.22	1.489	Level 3, ES, 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	264.75	265.86	180.89	173.27	23.745	CC

Summary

Site Name Offset Well - Wellbore - Design	Reference	Offset	Distance		Separation Factor	Warning
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)		
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 40C-8-L - Wellbore #1 - Design #1	7,630.58	7,308.89	217.68	160.04	3.777	ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	7,700.00	7,262.37	223.30	163.55	3.737	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1	6,642.32	6,563.13	810.33	775.41	23.204	CC, ES
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1	6,800.00	6,689.78	821.52	785.30	22.681	SF
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	7,221.61	7,533.90	32.48	-20.81	0.610	Level 1, CC, ES, SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1	6,600.00	6,500.00	638.82	604.22	18.462	CC, ES
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1	6,700.00	6,564.19	648.05	612.87	18.419	SF
BOST FARM 41C-8-L - Wellbore #1 - Design #1	251.41	254.41	205.66	198.05	27.033	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	8,000.00	7,043.00	1,137.43	1,075.91	18.489	SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	259.19	261.49	189.77	182.15	24.924	CC, ES
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	6,861.77	7,605.37	706.60	653.11	13.210	SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	255.59	258.09	196.95	189.34	25.877	CC, ES
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	6,999.75	7,648.47	853.99	800.93	16.095	SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	251.99	254.99	216.24	208.63	28.422	CC, ES
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	400.00	392.76	219.48	211.72	28.293	SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	200.00	159.94	152.37	21.132	CC, ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	300.00	298.02	160.58	152.93	20.989	SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.837	CC
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.837	ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	300.00	299.02	120.41	112.75	15.737	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	CC, ES
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	300.00	298.63	140.48	132.82	18.360	SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	200.00	20.04	12.47	2.648	CC
BOST FARM 5C-11-L - Wellbore #1 - Design #1	17,327.31	17,416.09	220.91	-301.48	0.423	Level 1, ES, SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	200.00	40.07	32.50	5.294	CC
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	17,327.69	17,076.59	467.92	-122.23	0.793	Level 1, ES, SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	270.44	272.21	181.00	173.37	23.743	CC
BOST FARM 8C-8-L - Wellbore #1 - Design #1	7,535.34	7,366.95	220.35	164.72	3.962	ES, SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	263.73	265.82	184.22	176.60	24.183	CC, ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	7,300.00	7,488.17	494.65	441.43	9.294	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	6,636.83	6,541.64	918.79	883.97	26.386	CC, ES
BOST FARM 9N-8C-L - Wellbore #1 - Design #1	6,800.00	6,633.22	933.63	897.63	25.936	SF
5N-66W-07 Offsets						
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv	7,017.05	6,875.63	1,118.38	1,082.00	30.742	CC, ES
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv	7,400.00	7,060.64	1,187.99	1,144.66	27.421	SF
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	300.00	291.35	1,136.80	1,129.35	152.494	CC, ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	900.00	901.63	1,187.41	1,178.85	138.683	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	203.89	181.65	1,110.94	1,103.55	150.379	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	1,000.00	968.31	1,193.99	1,185.19	135.586	SF
SAMUEL J 7-10 - SRC Energy SI Well - Actual VES Surv						Out of range
SAMUEL J 7-15 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-16 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-23 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-9 - Noble Energy SI Well - Actual VES Surv						Out of range
STEPHENS 7-11 - SRC Energy PR Well - Actual VES Su						Out of range
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su						Out of range
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	100.00	84.16	842.57	835.22	114.561	CC, ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	5,100.00	5,038.32	1,189.36	1,164.42	47.685	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	4,151.62	4,091.29	267.99	246.62	12.544	CC, ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	4,500.00	4,429.71	278.97	256.00	12.146	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)		
5N-66W-08 Offsets Need HZ						
DRAKE 8-1 - St. James AB Well - No Surveys						Out of range
DRAKE 8-13H6 - SRC Energy PR Well - Actual VES Sur						Out of range
DRAKE 8-15H6 - Noble Energy PR Well - No Surveys						Out of range
DRAKE 8-2 - St. James AB Well - No Surveys						Out of range
MOEN 8-7H6 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve						Out of range
MOEN J 8-8 - SRC Energy SI Well - No Surveys						Out of range
MOEN J 8-9 - SRC Energy SI Well - No Surveys						Out of range
WHITE 8-1 - Extraction PR Well - No Surveys						Out of range
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv						Out of range
WIEDEMAN 8-11H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-12H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S						Out of range
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES						Out of range
5N-66W-09 Offsets Incomplete						
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range
5N-66W-18 Offsets Incomplete						
LUNDVALL J 17-30D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-27D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-28D - Noble Energy PR Well - Actual VE						Out of range
5N-67W-01 Offsets Incomplete						
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann						Out of range
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann						Out of range
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range
5N-67W-02 Offsets Incomplete						
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys						Out of range
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys						Out of range
5N-67W-10 Offsets Incomplete						
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P	13,100.00	16,605.89	1,021.26	502.96	1.970	SF
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P	17,327.69	12,378.47	995.78	496.68	1.995	CC, ES
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P	14,800.00	14,961.56	607.55	96.19	1.188	Level 2, SF
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P	17,327.69	12,434.08	594.12	95.08	1.191	Level 2, CC, ES
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P						Out of range
5N-67W-11 Offsets Need Directional Surveys						
ARTIST 11-12 - SRC Energy SI Well - No Surveys						Out of range
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S	16,459.56	7,205.62	948.71	637.98	3.053	CC
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S	16,500.00	7,205.40	949.57	637.76	3.045	ES, SF
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S	16,454.92	7,182.66	313.32	0.33	1.001	Level 2, CC, ES, SF
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	17,322.97	7,045.02	260.80	-298.81	0.466	Level 1, CC, ES, SF
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene	15,813.39	7,397.08	298.44	-11.89	0.962	Level 1, CC, ES, SF
Skyway Federal 31-11 - Noble Energy PR Well - Actual S	17,327.69	7,158.10	1,187.55	865.48	3.687	CC, ES, SF
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys						Out of range
UPRR 49 PAN AM B 1 - SRC Energy PR Well - No Surve						Out of range

Summary

Site Name	Reference	Offset	Distance		Separation Factor	Warning
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)		
Offset Well - Wellbore - Design						
5N-67W-12 Offsets						
BORESEN 1 - Noble Energy PR Well - No Surveys	7,954.91	7,031.90	282.02	-4.42	0.985	Level 1, CC, ES, SF
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys						Out of range
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	8,670.86	7,162.61	996.32	913.42	12.019	CC
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	8,700.00	7,162.49	996.74	913.03	11.907	ES
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata	8,900.00	7,161.64	1,022.33	934.37	11.623	SF
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata	8,727.85	7,138.81	167.96	83.45	1.988	CC, ES, SF
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy	9,322.62	7,157.41	1,056.75	949.24	9.829	CC, ES
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy	9,500.00	7,152.55	1,071.52	958.52	9.482	SF
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	9,318.19	7,198.99	310.96	200.59	2.817	CC, ES, SF
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy	8,019.84	7,182.96	1,039.60	963.16	13.600	CC, ES
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy	8,300.00	7,183.25	1,076.69	993.30	12.912	SF
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
7,000.00	6,867.14	8,421.45	7,078.48	22.21	44.30	-92.54	-1,980.86	-814.05	1,198.13	1,134.56	63.57	18.848			
7,100.00	6,930.81	8,504.10	7,076.05	23.15	46.54	-93.00	-1,981.21	-888.46	1,179.96	1,112.64	67.32	17.529			
7,200.00	6,981.81	8,579.85	7,073.32	24.30	48.61	-92.66	-1,981.60	-972.36	1,167.86	1,096.84	71.02	16.443			
7,300.00	7,018.89	8,671.23	7,070.34	25.69	51.13	-92.01	-1,982.03	-1,063.70	1,160.50	1,085.17	75.33	15.405			
7,400.00	7,041.12	8,767.80	7,067.20	27.32	53.82	-91.40	-1,982.48	-1,160.22	1,156.67	1,076.71	79.96	14.465			
7,500.00	7,047.98	8,867.19	7,063.96	29.15	56.60	-91.09	-1,982.95	-1,259.55	1,155.51	1,070.71	84.80	13.626			
7,600.00	7,047.53	8,967.15	7,060.71	31.13	59.41	-90.95	-1,983.42	-1,359.46	1,155.45	1,065.66	89.79	12.868			
7,700.00	7,047.07	9,067.11	7,057.45	33.28	62.23	-90.81	-1,983.89	-1,459.36	1,155.39	1,060.47	94.92	12.173			
7,800.00	7,046.61	9,167.07	7,054.20	35.55	65.07	-90.67	-1,984.35	-1,559.27	1,155.34	1,055.18	100.16	11.535			
7,900.00	7,046.15	9,267.03	7,050.94	37.92	67.91	-90.54	-1,984.82	-1,659.18	1,155.30	1,049.80	105.49	10.951			
8,000.00	7,045.70	9,366.99	7,047.69	40.38	70.77	-90.40	-1,985.29	-1,759.08	1,155.26	1,044.36	110.90	10.417			
8,100.00	7,045.24	9,466.95	7,044.43	42.91	73.63	-90.26	-1,985.76	-1,858.99	1,155.23	1,038.86	116.37	9.927			
8,200.00	7,044.78	9,566.91	7,041.18	45.49	76.50	-90.12	-1,986.23	-1,958.90	1,155.21	1,033.31	121.90	9.477			
8,300.00	7,044.32	9,666.87	7,037.92	48.12	79.38	-89.98	-1,986.70	-2,058.80	1,155.19	1,027.73	127.46	9.063			
8,400.00	7,043.87	9,766.83	7,034.67	50.79	82.26	-89.84	-1,987.17	-2,158.71	1,155.18	1,022.12	133.07	8.681			
8,485.56	7,043.47	9,852.36	7,031.88	53.10	84.73	-89.72	-1,987.57	-2,244.18	1,155.18	1,017.29	137.89	8.378 CC			
8,500.00	7,043.41	9,866.79	7,031.41	53.49	85.15	-89.70	-1,987.64	-2,258.62	1,155.18	1,016.48	138.70	8.328			
8,600.00	7,042.95	9,966.76	7,028.16	56.22	88.04	-89.56	-1,988.10	-2,358.52	1,155.19	1,010.82	144.36	8.002			
8,700.00	7,042.49	10,066.72	7,024.90	58.97	90.94	-89.43	-1,988.57	-2,458.43	1,155.20	1,005.15	150.05	7.699			
8,800.00	7,042.03	10,166.68	7,021.65	61.74	93.84	-89.29	-1,989.04	-2,558.34	1,155.21	999.46	155.75	7.417			
8,900.00	7,041.58	10,266.64	7,018.39	64.53	96.75	-89.15	-1,989.51	-2,658.24	1,155.24	993.77	161.47	7.154			
9,000.00	7,041.12	10,366.60	7,015.14	67.34	99.65	-89.01	-1,989.98	-2,758.15	1,155.27	988.06	167.21	6.909			
9,100.00	7,040.66	10,466.56	7,011.88	70.15	102.56	-88.87	-1,990.45	-2,858.06	1,155.31	982.36	172.95	6.680			
9,200.00	7,040.20	10,566.52	7,008.63	72.98	105.48	-88.73	-1,990.92	-2,957.96	1,155.35	976.64	178.71	6.465			
9,300.00	7,039.75	10,666.48	7,005.37	75.83	108.39	-88.59	-1,991.39	-3,057.87	1,155.41	970.93	184.48	6.263			
9,400.00	7,039.29	10,766.44	7,002.12	78.67	111.31	-88.45	-1,991.85	-3,157.78	1,155.46	965.21	190.26	6.073			
9,500.00	7,038.83	10,866.40	6,998.86	81.53	114.23	-88.32	-1,992.32	-3,257.68	1,155.53	959.49	196.04	5.894			
9,600.00	7,038.37	10,966.36	6,995.61	84.40	117.15	-88.18	-1,992.79	-3,357.59	1,155.60	953.77	201.83	5.726			
9,700.00	7,037.91	11,066.32	6,992.35	87.27	120.08	-88.04	-1,993.26	-3,457.50	1,155.68	948.05	207.63	5.566			
9,800.00	7,037.46	11,166.29	6,989.10	90.15	123.00	-87.90	-1,993.73	-3,557.40	1,155.77	942.34	213.43	5.415			
9,900.00	7,037.00	11,266.25	6,985.84	93.03	125.93	-87.76	-1,994.20	-3,657.31	1,155.86	936.62	219.23	5.272			
10,000.00	7,036.54	11,366.21	6,982.59	95.92	128.86	-87.62	-1,994.67	-3,757.22	1,155.96	930.92	225.04	5.137			
10,100.00	7,036.08	11,466.17	6,979.33	98.81	131.79	-87.48	-1,995.14	-3,857.12	1,156.06	925.21	230.85	5.008			
10,200.00	7,035.63	11,566.13	6,976.08	101.71	134.72	-87.35	-1,995.60	-3,957.03	1,156.18	919.51	236.67	4.885			
10,300.00	7,035.17	11,666.09	6,972.83	104.61	137.65	-87.21	-1,996.07	-4,056.94	1,156.30	913.81	242.48	4.769			
10,400.00	7,034.71	11,766.05	6,969.57	107.51	140.58	-87.07	-1,996.54	-4,156.84	1,156.42	908.12	248.30	4.657			
10,500.00	7,034.25	11,866.01	6,966.32	110.42	143.52	-86.93	-1,997.01	-4,256.75	1,156.56	902.44	254.12	4.551			
10,600.00	7,033.80	11,966.97	6,963.06	113.33	146.45	-86.79	-1,997.48	-4,356.66	1,156.70	896.76	259.94	4.450			
10,700.00	7,033.34	12,066.93	6,959.81	116.24	149.39	-86.65	-1,997.95	-4,456.56	1,156.84	891.09	265.75	4.353			
10,800.00	7,032.88	12,166.89	6,956.55	119.15	152.33	-86.51	-1,998.42	-4,556.47	1,157.00	885.42	271.57	4.260			
10,900.00	7,032.42	12,266.85	6,953.30	122.07	155.27	-86.38	-1,998.89	-4,656.38	1,157.16	879.76	277.39	4.172			

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,000.00	7,031.96	12,365.82	6,950.04	124.99	158.20	-86.24	-1,999.35	-4,756.28	1,157.32	874.11	283.21	4.086		
11,100.00	7,031.51	12,465.78	6,946.79	127.91	161.14	-86.10	-1,999.82	-4,856.19	1,157.50	868.47	289.03	4.005		
11,200.00	7,031.05	12,565.74	6,943.53	130.84	164.08	-85.96	-2,000.29	-4,956.10	1,157.68	862.83	294.84	3.926		
11,300.00	7,030.59	12,665.70	6,940.28	133.76	167.02	-85.82	-2,000.76	-5,056.00	1,157.86	857.20	300.66	3.851		
11,400.00	7,030.13	12,765.66	6,937.02	136.69	169.97	-85.69	-2,001.23	-5,155.91	1,158.06	851.58	306.47	3.779		
11,500.00	7,029.68	12,865.62	6,933.77	139.62	172.91	-85.55	-2,001.70	-5,255.82	1,158.26	845.97	312.29	3.709		
11,600.00	7,029.22	12,965.58	6,930.51	142.54	175.85	-85.41	-2,002.17	-5,355.72	1,158.46	840.37	318.10	3.642		
11,700.00	7,028.76	13,065.54	6,927.26	145.48	178.79	-85.27	-2,002.63	-5,455.63	1,158.68	834.78	323.90	3.577		
11,800.00	7,028.30	13,165.50	6,924.00	148.41	181.74	-85.13	-2,003.10	-5,555.54	1,158.90	829.19	329.71	3.515		
11,900.00	7,027.84	13,265.46	6,920.75	151.34	184.68	-85.00	-2,003.57	-5,655.44	1,159.13	823.61	335.51	3.455		
12,000.00	7,027.39	13,365.42	6,917.49	154.28	187.63	-84.86	-2,004.04	-5,755.35	1,159.36	818.05	341.31	3.397		
12,000.36	7,027.39	13,365.78	6,917.48	154.29	187.64	-84.86	-2,004.04	-5,755.71	1,159.36	818.03	341.33	3.397		
12,100.00	7,026.93	13,441.93	6,915.00	157.21	189.88	-84.75	-2,004.40	-5,831.82	1,159.84	813.31	346.53	3.347	ES, SF	
12,200.00	7,026.47	13,441.93	6,915.00	160.15	189.88	-84.75	-2,004.40	-5,831.82	1,166.40	818.14	348.26	3.349		
12,300.00	7,026.01	13,441.93	6,915.00	163.08	189.88	-84.75	-2,004.40	-5,831.82	1,181.41	833.90	347.51	3.400		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 12N-12C-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	6,520.95	8,281.83	7,140.63	19.88	39.47	-59.68	-1,747.60	-642.48	1,170.57	1,119.75	50.82	23.033		
6,700.00	6,617.12	8,303.13	7,139.98	20.29	40.03	-80.53	-1,747.76	-663.77	1,111.22	1,058.17	53.04	20.949		
6,800.00	6,708.34	8,339.44	7,138.87	20.81	40.99	-90.07	-1,748.04	-700.06	1,060.00	1,004.29	55.71	19.028		
6,900.00	6,792.37	8,389.86	7,137.33	21.44	42.34	-94.81	-1,748.42	-750.46	1,017.93	959.17	58.77	17.322		
7,000.00	6,867.14	8,453.15	7,135.39	22.21	44.04	-96.88	-1,748.90	-813.71	985.23	923.02	62.21	15.838		
7,100.00	6,930.81	8,527.75	7,133.11	23.15	46.07	-97.33	-1,749.46	-888.28	961.32	895.31	66.01	14.564		
7,200.00	6,981.81	8,611.83	7,130.54	24.30	48.37	-96.88	-1,750.10	-972.31	945.04	874.88	70.16	13.471		
7,300.00	7,018.89	8,703.31	7,127.75	25.69	50.89	-96.06	-1,750.79	-1,063.75	934.93	860.30	74.62	12.529		
7,400.00	7,041.12	8,800.06	7,124.80	27.32	53.58	-95.32	-1,751.52	-1,160.33	929.61	850.26	79.35	11.715		
7,498.40	7,048.22	8,902.28	7,121.81	29.12	56.44	-94.92	-1,752.26	-1,258.07	928.02	843.75	84.27	11.013 CC		
7,500.00	7,047.98	8,900.66	7,121.76	29.15	56.39	-94.93	-1,752.28	-1,259.69	928.07	843.81	84.25	11.015		
7,600.00	7,047.53	9,000.69	7,118.71	31.13	59.21	-94.77	-1,753.03	-1,359.60	928.12	838.89	89.23	10.401		
7,700.00	7,047.07	9,100.72	7,115.65	33.28	62.04	-94.61	-1,753.79	-1,459.52	928.18	833.82	94.36	9.837		
7,800.00	7,046.61	9,200.76	7,112.60	35.55	64.88	-94.45	-1,754.55	-1,559.44	928.25	828.65	99.60	9.320		
7,900.00	7,046.15	9,300.79	7,109.54	37.92	67.73	-94.29	-1,755.30	-1,659.35	928.33	823.39	104.94	8.846		
8,000.00	7,045.70	9,399.17	7,106.49	40.38	70.54	-94.13	-1,756.06	-1,759.27	928.41	818.10	110.31	8.417		
8,100.00	7,045.24	9,500.86	7,103.43	42.91	73.45	-93.96	-1,756.82	-1,859.18	928.50	812.67	115.83	8.016		
8,200.00	7,044.78	9,600.89	7,100.38	45.49	76.32	-93.80	-1,757.57	-1,959.10	928.60	807.23	121.36	7.651		
8,300.00	7,044.32	9,700.93	7,097.33	48.12	79.20	-93.64	-1,758.33	-2,059.02	928.70	801.76	126.94	7.316		
8,400.00	7,043.87	9,799.04	7,094.27	50.79	82.04	-93.48	-1,759.09	-2,158.93	928.82	796.31	132.50	7.010		
8,500.00	7,043.41	9,901.00	7,091.22	53.49	84.98	-93.32	-1,759.85	-2,258.85	928.94	790.73	138.21	6.721		
8,600.00	7,042.95	10,001.03	7,088.16	56.22	87.88	-93.16	-1,760.60	-2,358.77	929.06	785.18	143.88	6.457		
8,700.00	7,042.49	10,101.06	7,085.11	58.97	90.78	-93.00	-1,761.36	-2,458.68	929.20	779.61	149.58	6.212		
8,800.00	7,042.03	10,201.10	7,082.05	61.74	93.68	-92.84	-1,762.12	-2,558.60	929.34	774.03	155.31	5.984		
8,900.00	7,041.58	10,301.13	7,079.00	64.53	96.59	-92.68	-1,762.87	-2,658.51	929.49	768.44	161.05	5.772		
9,000.00	7,041.12	10,401.17	7,075.95	67.34	99.50	-92.52	-1,763.63	-2,758.43	929.65	762.84	166.80	5.573		
9,100.00	7,040.66	10,501.20	7,072.89	70.15	102.41	-92.36	-1,764.39	-2,858.35	929.81	757.24	172.58	5.388		
9,200.00	7,040.20	10,601.24	7,069.84	72.98	105.33	-92.20	-1,765.14	-2,958.26	929.98	751.62	178.36	5.214		
9,300.00	7,039.75	10,701.27	7,066.78	75.83	108.25	-92.04	-1,765.90	-3,058.18	930.16	746.01	184.15	5.051		
9,400.00	7,039.29	10,798.70	7,063.73	78.67	111.09	-91.87	-1,766.66	-3,158.10	930.35	740.47	189.88	4.900		
9,500.00	7,038.83	10,901.34	7,060.68	81.53	114.09	-91.71	-1,767.41	-3,258.01	930.54	734.77	195.77	4.753		
9,600.00	7,038.37	11,001.37	7,057.62	84.40	117.01	-91.55	-1,768.17	-3,357.93	930.74	729.15	201.59	4.617		
9,700.00	7,037.91	11,101.41	7,054.57	87.27	119.94	-91.39	-1,768.93	-3,457.85	930.95	723.53	207.42	4.488		
9,800.00	7,037.46	11,201.44	7,051.51	90.15	122.87	-91.23	-1,769.69	-3,557.76	931.17	717.91	213.25	4.366		
9,900.00	7,037.00	11,301.47	7,048.46	93.03	125.80	-91.07	-1,770.44	-3,657.68	931.39	712.30	219.09	4.251		
10,000.00	7,036.54	11,398.49	7,045.40	95.92	128.64	-90.91	-1,771.20	-3,757.59	931.62	706.77	224.85	4.143		
10,100.00	7,036.08	11,501.54	7,042.35	98.81	131.66	-90.75	-1,771.96	-3,857.51	931.85	701.07	230.78	4.038		
10,200.00	7,035.63	11,601.58	7,039.30	101.71	134.59	-90.59	-1,772.71	-3,957.43	932.10	695.47	236.63	3.939		
10,300.00	7,035.17	11,701.61	7,036.24	104.61	137.53	-90.43	-1,773.47	-4,057.34	932.35	689.86	242.49	3.845		
10,400.00	7,034.71	11,801.64	7,033.19	107.51	140.46	-90.27	-1,774.23	-4,157.26	932.61	684.27	248.34	3.755		
10,500.00	7,034.25	11,901.68	7,030.13	110.42	143.40	-90.11	-1,774.98	-4,257.18	932.88	678.67	254.20	3.670		
10,600.00	7,033.80	12,001.71	7,027.08	113.33	146.33	-89.96	-1,775.74	-4,357.09	933.15	673.09	260.06	3.588		
10,700.00	7,033.34	12,098.25	7,024.02	116.24	149.17	-89.80	-1,776.50	-4,457.01	933.43	667.61	265.82	3.512		
10,800.00	7,032.88	12,201.78	7,020.97	119.15	152.21	-89.64	-1,777.26	-4,556.93	933.72	661.93	271.78	3.436		
10,900.00	7,032.42	12,298.18	7,017.92	122.07	155.05	-89.48	-1,778.01	-4,656.84	934.01	656.47	277.54	3.365		
11,000.00	7,031.96	12,401.85	7,014.86	124.99	158.09	-89.32	-1,778.77	-4,756.76	934.31	650.80	283.51	3.296		
11,100.00	7,031.51	12,501.88	7,011.81	127.91	161.03	-89.16	-1,779.53	-4,856.67	934.62	645.25	289.37	3.230		
11,200.00	7,031.05	12,601.92	7,008.75	130.84	163.98	-89.00	-1,780.28	-4,956.59	934.94	639.70	295.24	3.167		
11,300.00	7,030.59	12,701.95	7,005.70	133.76	166.92	-88.84	-1,781.04	-5,056.51	935.26	634.16	301.10	3.106		
11,400.00	7,030.13	12,801.99	7,002.64	136.69	169.86	-88.68	-1,781.80	-5,156.42	935.59	628.63	306.96	3.048		
11,500.00	7,029.68	12,902.02	6,999.59	139.62	172.81	-88.52	-1,782.55	-5,256.34	935.93	623.11	312.82	2.992		
11,600.00	7,029.22	13,002.05	6,996.54	142.54	175.75	-88.37	-1,783.31	-5,356.26	936.28	617.60	318.68	2.938		
11,700.00	7,028.76	13,102.09	6,993.48	145.48	178.70	-88.21	-1,784.07	-5,456.17	936.63	612.09	324.54	2.886		
11,800.00	7,028.30	13,202.12	6,990.43	148.41	181.64	-88.05	-1,784.83	-5,556.09	936.99	606.59	330.40	2.836		
11,900.00	7,027.84	13,302.16	6,987.37	151.34	184.59	-87.89	-1,785.58	-5,656.01	937.36	601.11	336.25	2.788		
12,000.00	7,027.39	13,397.81	6,984.32	154.28	187.41	-87.73	-1,786.34	-5,755.92	937.73	595.76	341.97	2.742		
12,100.00	7,026.93	13,473.69	6,982.00	157.21	189.64	-87.61	-1,786.91	-5,831.77	938.42	591.23	347.19	2.703 ES, SF		
12,200.00	7,026.47	13,473.69	6,982.00	160.15	189.64	-87.61	-1,786.91	-5,831.77	946.66	598.65	348.02	2.720		
12,300.00	7,026.01	13,473.69	6,982.00	163.08	189.64	-87.61	-1,786.91	-5,831.77	965.25	620.10	345.15	2.797		
12,400.00	7,025.56	13,473.69	6,982.00	166.02	189.64	-87.61	-1,786.91	-5,831.77	993.60	654.51	339.10	2.930		
12,500.00	7,025.10	13,473.69	6,982.00	168.96	189.64	-87.61	-1,786.91	-5,831.77	1,030.91	700.38	330.53	3.119		
12,600.00	7,024.64	13,473.69	6,982.00	171.90	189.64	-87.61	-1,786.91	-5,831.77	1,076.25	756.04	320.21	3.361		
12,700.00	7,024.18	13,473.69	6,982.00	174.84	189.64	-87.61	-1,786.91	-5,831.77	1,128.65	819.82	308.84	3.655		
12,800.00	7,023.73	13,473.69	6,982.00	177.78	189.64	-87.61	-1,786.91	-5,831.77	1,187.18	890.21	296.97	3.998		

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	
0.00	0.00	3.00	3.00	3.28	3.28	-51.66	141.35	-178.76	227.89					
100.00	100.00	103.00	103.00	3.28	3.28	-51.66	141.35	-178.76	227.89	220.36	7.53	30.274		
200.00	200.00	203.00	203.00	3.30	3.30	-51.66	141.35	-178.76	227.89	220.32	7.57	30.106		
252.00	252.00	255.00	255.00	3.32	3.32	88.69	141.35	-178.76	227.89	220.28	7.61	29.953	CC, ES	
300.00	300.00	299.26	299.26	3.34	3.34	88.70	141.50	-179.15	228.32	220.66	7.65	29.843		
400.00	399.93	392.10	392.04	3.40	3.40	89.20	142.59	-182.06	231.43	223.67	7.76	29.831	SF	
500.00	499.68	484.63	484.37	3.48	3.48	90.18	144.73	-187.75	237.62	229.71	7.91	30.058		
600.00	599.13	576.65	575.94	3.59	3.58	91.53	147.90	-196.17	246.99	238.90	8.10	30.504		
700.00	698.15	667.96	666.48	3.73	3.70	93.17	152.06	-207.25	259.68	251.34	8.34	31.141		
800.00	796.85	758.52	755.85	3.90	3.85	95.01	157.19	-220.89	275.69	267.06	8.63	31.934		
900.00	895.54	848.36	844.02	4.11	4.04	96.43	163.26	-237.04	294.76	285.79	8.97	32.858		
1,000.00	994.24	937.33	930.75	4.33	4.26	97.45	170.22	-255.57	316.70	307.35	9.35	33.877		
1,100.00	1,092.93	1,027.65	1,018.16	4.58	4.52	98.12	178.22	-276.85	341.28	331.51	9.78	34.910		
1,200.00	1,191.63	1,124.32	1,111.52	4.85	4.84	98.69	187.06	-300.35	366.62	356.34	10.28	35.656		
1,300.00	1,290.32	1,221.00	1,204.88	5.13	5.19	99.18	195.89	-323.85	391.99	381.17	10.82	36.220		
1,400.00	1,389.01	1,317.68	1,298.24	5.42	5.56	99.62	204.72	-347.34	417.38	405.99	11.39	36.639		
1,500.00	1,487.71	1,414.36	1,391.61	5.72	5.95	100.00	213.55	-370.84	442.79	430.81	11.98	36.953		
1,600.00	1,586.40	1,511.03	1,484.97	6.03	6.35	100.34	222.39	-394.34	468.22	455.62	12.60	37.168		
1,700.00	1,685.10	1,607.71	1,578.33	6.35	6.77	100.65	231.22	-417.84	493.66	480.43	13.23	37.315		
1,800.00	1,783.79	1,704.39	1,671.69	6.53	7.18	100.93	240.05	-441.34	519.11	505.59	13.52	38.393		
1,900.00	1,882.49	1,801.07	1,765.05	6.57	7.42	101.18	248.88	-464.84	544.57	531.00	13.57	40.121		
2,000.00	1,981.18	1,902.26	1,858.41	6.63	7.50	101.41	257.72	-488.33	570.05	556.37	13.68	41.668		
2,100.00	2,079.87	1,994.42	1,951.77	6.72	7.60	101.62	266.55	-511.83	595.53	581.70	13.83	43.070		
2,200.00	2,178.57	2,108.90	2,045.14	6.82	7.76	101.81	275.38	-535.33	621.01	606.98	14.04	44.246		
2,300.00	2,277.26	2,187.78	2,138.50	6.95	7.90	101.99	284.22	-558.83	646.51	632.26	14.25	45.372		
2,400.00	2,375.96	2,284.45	2,231.86	7.09	8.09	102.15	293.05	-582.33	672.00	657.49	14.52	46.285		
2,500.00	2,474.65	2,381.13	2,325.22	7.25	8.30	102.30	301.88	-605.82	697.51	682.68	14.83	47.049		
2,600.00	2,573.34	2,477.81	2,418.58	7.42	8.54	102.44	310.71	-629.32	723.01	707.85	15.17	47.674		
2,700.00	2,672.04	2,574.49	2,511.94	7.61	8.80	102.57	319.55	-652.82	748.53	732.99	15.54	48.172		
2,800.00	2,770.73	2,671.16	2,605.30	7.82	9.08	102.70	328.38	-676.32	774.04	758.10	15.94	48.556		
2,900.00	2,869.43	2,767.84	2,698.67	8.03	9.37	102.81	337.21	-699.82	799.56	783.19	16.37	48.840		
3,000.00	2,968.12	2,864.52	2,792.03	8.26	9.69	102.92	346.04	-723.32	825.08	808.25	16.83	49.035		
3,100.00	3,066.81	2,961.20	2,885.39	8.50	10.01	103.02	354.88	-746.81	850.60	833.30	17.31	49.153		
3,200.00	3,165.51	3,057.87	2,978.75	8.75	10.35	103.12	363.71	-770.31	876.13	858.32	17.81	49.206		
3,300.00	3,264.20	3,154.55	3,072.11	9.01	10.71	103.21	372.54	-793.81	901.65	883.33	18.32	49.204		
3,400.00	3,362.90	3,251.23	3,165.47	9.28	11.07	103.29	381.37	-817.31	927.18	908.32	18.86	49.154		
3,500.00	3,461.59	3,347.91	3,258.83	9.55	11.44	103.37	390.21	-840.81	952.72	933.30	19.42	49.066		
3,600.00	3,560.28	3,444.58	3,352.19	9.84	11.82	103.45	399.04	-864.31	978.25	958.26	19.99	48.946		
3,700.00	3,658.98	3,541.26	3,445.56	10.12	12.21	103.52	407.87	-887.80	1,003.78	983.21	20.57	48.800		
3,800.00	3,757.67	3,637.94	3,538.92	10.42	12.61	103.59	416.70	-911.30	1,029.32	1,008.15	21.17	48.633		
3,900.00	3,856.37	3,734.62	3,632.28	10.72	13.01	103.65	425.54	-934.80	1,054.86	1,033.08	21.77	48.449		
4,000.00	3,955.06	3,831.29	3,725.64	11.02	13.42	103.72	434.37	-958.30	1,080.39	1,058.00	22.39	48.252		
4,100.00	4,053.75	3,927.97	3,819.00	11.33	13.84	103.78	443.20	-981.80	1,105.93	1,082.92	23.02	48.045		
4,200.00	4,152.45	4,024.65	3,912.36	11.64	14.26	103.83	452.03	-1,005.29	1,131.47	1,107.82	23.66	47.832		
4,300.00	4,251.14	4,121.32	4,005.72	11.96	14.68	103.89	460.87	-1,028.79	1,157.02	1,132.72	24.30	47.613		
4,400.00	4,349.84	4,218.00	4,099.09	12.28	15.11	103.94	469.70	-1,052.29	1,182.56	1,157.61	24.95	47.391		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	3.00	3.00	3.28	3.28	-47.92	161.38	-178.76	240.83					
100.00	100.00	103.00	103.00	3.28	3.28	-47.92	161.38	-178.76	240.83	233.30	7.53	31.993		
200.00	200.00	203.00	203.00	3.30	3.30	-47.92	161.38	-178.76	240.83	233.26	7.57	31.815	CC	
203.75	203.75	206.75	206.75	3.30	3.30	92.38	161.38	-178.76	240.83	233.26	7.57	31.805	ES	
300.00	300.00	298.98	298.98	3.34	3.34	92.44	161.59	-179.12	241.29	233.64	7.65	31.539		
400.00	399.93	391.27	391.21	3.40	3.40	92.96	163.08	-181.80	244.69	236.93	7.76	31.538	SF	
500.00	499.68	483.19	482.93	3.48	3.48	93.97	166.00	-187.04	251.45	243.55	7.91	31.806		
600.00	599.13	574.49	573.79	3.59	3.58	95.37	170.31	-194.80	261.71	253.62	8.10	32.322		
700.00	698.15	664.94	663.49	3.73	3.70	97.04	175.97	-204.97	275.60	267.26	8.34	33.060		
800.00	796.85	754.49	751.89	3.90	3.85	98.95	182.93	-217.47	293.06	284.43	8.63	33.970		
900.00	895.54	843.22	838.99	4.11	4.03	100.50	191.15	-232.23	313.68	304.73	8.95	35.029		
1,000.00	994.24	930.98	924.59	4.33	4.24	101.66	200.56	-249.14	337.27	327.95	9.32	36.184		
1,100.00	1,092.93	1,017.62	1,008.47	4.58	4.49	102.49	211.10	-268.08	363.67	353.95	9.72	37.417		
1,200.00	1,191.63	1,110.19	1,097.53	4.85	4.79	103.13	223.38	-290.13	392.16	381.96	10.19	38.471		
1,300.00	1,290.32	1,205.92	1,189.60	5.13	5.14	103.69	236.13	-313.05	420.81	410.09	10.72	39.256		
1,400.00	1,389.01	1,301.65	1,281.67	5.42	5.52	104.18	248.89	-335.96	449.50	438.23	11.28	39.858		
1,500.00	1,487.71	1,402.62	1,373.74	5.72	5.94	104.61	261.64	-358.88	478.22	466.34	11.88	40.270		
1,600.00	1,586.40	1,493.11	1,465.80	6.03	6.33	104.99	274.39	-381.79	506.96	494.50	12.46	40.681		
1,700.00	1,685.10	1,588.84	1,557.87	6.35	6.75	105.34	287.15	-404.71	535.71	522.63	13.08	40.946		
1,800.00	1,783.79	1,684.57	1,649.94	6.53	7.19	105.64	299.90	-427.62	564.49	551.11	13.38	42.202		
1,900.00	1,882.49	1,780.30	1,742.01	6.57	7.46	105.92	312.66	-450.54	593.27	579.65	13.62	43.546		
2,000.00	1,981.18	1,876.03	1,834.07	6.63	7.58	106.17	325.41	-473.45	622.07	608.48	13.58	45.794		
2,100.00	2,079.87	1,971.76	1,926.14	6.72	7.68	106.40	338.17	-496.37	650.88	637.15	13.72	47.424		
2,200.00	2,178.57	2,067.49	2,018.21	6.82	7.81	106.61	350.92	-519.29	679.69	665.79	13.91	48.875		
2,300.00	2,277.26	2,163.22	2,110.28	6.95	7.98	106.80	363.68	-542.20	708.52	694.39	14.13	50.146		
2,400.00	2,375.96	2,258.95	2,202.34	7.09	8.17	106.98	376.43	-565.12	737.35	722.96	14.39	51.241		
2,500.00	2,474.65	2,354.68	2,294.41	7.25	8.39	107.14	389.19	-588.03	766.18	751.49	14.69	52.168		
2,600.00	2,573.34	2,450.41	2,386.48	7.42	8.63	107.30	401.94	-610.95	795.02	780.01	15.02	52.937		
2,700.00	2,672.04	2,546.14	2,478.55	7.61	8.90	107.44	414.70	-633.86	823.87	808.49	15.38	53.562		
2,800.00	2,770.73	2,641.87	2,570.61	7.82	9.18	107.57	427.45	-656.78	852.72	836.95	15.77	54.056		
2,900.00	2,869.43	2,737.60	2,662.68	8.03	9.49	107.69	440.21	-679.69	881.58	865.38	16.20	54.433		
3,000.00	2,968.12	2,833.33	2,754.75	8.26	9.81	107.81	452.96	-702.61	910.43	893.79	16.64	54.708		
3,100.00	3,066.81	2,929.06	2,846.81	8.50	10.14	107.92	465.72	-725.53	939.29	922.18	17.11	54.893		
3,200.00	3,165.51	3,024.79	2,938.88	8.75	10.49	108.02	478.47	-748.44	968.16	950.56	17.60	55.000		
3,300.00	3,264.20	3,120.52	3,030.95	9.01	10.86	108.12	491.23	-771.36	997.03	978.91	18.11	55.043		
3,400.00	3,362.90	3,216.25	3,123.02	9.28	11.23	108.21	503.98	-794.27	1,025.90	1,007.25	18.64	55.029		
3,500.00	3,461.59	3,311.98	3,215.08	9.55	11.61	108.29	516.74	-817.19	1,054.77	1,035.58	19.19	54.968		
3,600.00	3,560.28	3,407.71	3,307.15	9.84	12.01	108.37	529.49	-840.10	1,083.64	1,063.89	19.75	54.869		
3,700.00	3,658.98	3,503.44	3,399.22	10.12	12.41	108.45	542.25	-863.02	1,112.52	1,092.19	20.32	54.739		
3,800.00	3,757.67	3,600.83	3,491.29	10.42	12.82	108.52	555.00	-885.93	1,141.39	1,120.48	20.92	54.567		
3,900.00	3,856.37	3,694.90	3,583.35	10.72	13.23	108.59	567.76	-908.85	1,170.27	1,148.76	21.51	54.402		
4,000.00	3,955.06	3,809.37	3,675.42	11.02	13.74	108.66	580.51	-931.76	1,199.15	1,176.97	22.18	54.052		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-44.53	181.43	-178.48	254.50					
100.00	100.00	103.00	103.00	3.28	3.28	-44.53	181.43	-178.48	254.50	246.97	7.53	33.809		
200.00	200.00	203.00	203.00	3.30	3.30	-44.53	181.43	-178.48	254.50	246.93	7.57	33.621	CC	
203.99	203.99	206.99	206.99	3.30	3.30	95.77	181.43	-178.48	254.50	246.93	7.57	33.610	ES	
300.00	300.00	298.78	298.78	3.34	3.34	95.83	181.64	-178.83	254.98	247.33	7.65	33.328		
400.00	399.93	390.69	390.63	3.40	3.40	96.30	183.25	-181.41	258.56	250.80	7.76	33.326	SF	
500.00	499.68	482.21	481.95	3.48	3.48	97.22	186.38	-186.47	265.68	257.78	7.91	33.603		
600.00	599.13	573.08	572.39	3.59	3.58	98.49	191.02	-193.94	276.45	268.36	8.10	34.140		
700.00	698.15	663.06	661.63	3.73	3.70	100.01	197.09	-203.74	290.99	282.66	8.34	34.905		
800.00	796.85	752.10	749.54	3.90	3.84	101.78	204.55	-215.78	309.16	300.53	8.63	35.838		
900.00	895.54	840.30	836.13	4.11	4.02	103.21	213.36	-229.98	330.44	321.48	8.95	36.915		
1,000.00	994.24	927.49	921.19	4.33	4.23	104.30	223.44	-246.25	354.65	345.33	9.31	38.078		
1,100.00	1,092.93	1,013.55	1,004.54	4.58	4.47	105.07	234.73	-264.45	381.64	371.93	9.71	39.312		
1,200.00	1,191.63	1,103.97	1,091.49	4.85	4.77	105.64	247.79	-285.51	410.94	400.78	10.17	40.423		
1,300.00	1,290.32	1,200.60	1,183.19	5.13	5.13	106.15	261.74	-308.00	440.59	429.90	10.69	41.205		
1,400.00	1,389.01	1,305.16	1,274.88	5.42	5.54	106.59	275.68	-330.50	470.27	458.99	11.27	41.712		
1,500.00	1,487.71	1,409.72	1,366.57	5.72	5.97	106.97	289.63	-352.99	499.96	488.08	11.88	42.083		
1,600.00	1,586.40	1,485.71	1,458.27	6.03	6.30	107.32	303.58	-375.48	529.68	517.26	12.42	42.655		
1,700.00	1,685.10	1,581.15	1,549.96	6.35	6.73	107.63	317.52	-397.98	559.41	546.37	13.04	42.914		
1,800.00	1,783.79	1,676.59	1,641.66	6.53	7.16	107.90	331.47	-420.47	589.15	575.83	13.33	44.212		
1,900.00	1,882.49	1,772.03	1,733.35	6.57	7.46	108.15	345.42	-442.96	618.91	605.32	13.59	45.555		
2,000.00	1,981.18	1,867.46	1,825.04	6.63	7.59	108.38	359.36	-465.46	648.68	635.12	13.56	47.848		
2,100.00	2,079.87	1,962.90	1,916.74	6.72	7.69	108.59	373.31	-487.95	678.45	664.76	13.69	49.543		
2,200.00	2,178.57	2,058.34	2,008.43	6.82	7.82	108.78	387.26	-510.44	708.23	694.36	13.87	51.053		
2,300.00	2,277.26	2,153.77	2,100.13	6.95	7.98	108.95	401.20	-532.94	738.02	723.93	14.09	52.375		
2,400.00	2,375.96	2,249.21	2,191.82	7.09	8.17	109.11	415.15	-555.43	767.81	753.47	14.35	53.514		
2,500.00	2,474.65	2,344.65	2,283.51	7.25	8.39	109.26	429.10	-577.92	797.61	782.97	14.64	54.477		
2,600.00	2,573.34	2,440.09	2,375.21	7.42	8.63	109.40	443.04	-600.42	827.42	812.45	14.97	55.277		
2,700.00	2,672.04	2,535.52	2,466.90	7.61	8.90	109.53	456.99	-622.91	857.22	841.90	15.33	55.926		
2,800.00	2,770.73	2,630.96	2,558.60	7.82	9.19	109.65	470.94	-645.40	887.04	871.32	15.72	56.438		
2,900.00	2,869.43	2,726.40	2,650.29	8.03	9.49	109.76	484.88	-667.90	916.85	900.72	16.13	56.828		
3,000.00	2,968.12	2,821.83	2,741.98	8.26	9.81	109.87	498.83	-690.39	946.67	930.09	16.58	57.110		
3,100.00	3,066.81	2,917.27	2,833.68	8.50	10.15	109.97	512.78	-712.88	976.49	959.45	17.04	57.300		
3,200.00	3,165.51	3,012.71	2,925.37	8.75	10.50	110.06	526.72	-735.38	1,006.31	988.78	17.53	57.408		
3,300.00	3,264.20	3,108.14	3,017.07	9.01	10.86	110.15	540.67	-757.87	1,036.14	1,018.10	18.04	57.448		
3,400.00	3,362.90	3,203.58	3,108.76	9.28	11.24	110.23	554.62	-780.36	1,065.96	1,047.40	18.56	57.429		
3,500.00	3,461.59	3,300.98	3,200.45	9.55	11.63	110.31	568.56	-802.86	1,095.79	1,076.68	19.11	57.344		
3,600.00	3,560.28	3,405.54	3,292.15	9.84	12.06	110.38	582.51	-825.35	1,125.62	1,105.93	19.70	57.153		
3,700.00	3,658.98	3,489.89	3,383.84	10.12	12.42	110.45	596.46	-847.84	1,155.46	1,135.22	20.23	57.110		
3,800.00	3,757.67	3,585.33	3,475.54	10.42	12.83	110.52	610.40	-870.34	1,185.29	1,164.47	20.82	56.941		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-41.54	201.46	-178.48	269.15					
100.00	100.00	103.00	103.00	3.28	3.28	-41.54	201.46	-178.48	269.15	261.62	7.53	35.755		
200.00	200.00	203.00	203.00	3.30	3.30	-41.54	201.46	-178.48	269.15	261.58	7.57	35.556	CC	
204.17	204.17	207.17	207.17	3.30	3.30	98.76	201.46	-178.48	269.15	261.57	7.57	35.544	ES	
300.00	300.00	298.52	298.52	3.34	3.34	98.82	201.71	-178.81	269.65	262.00	7.65	35.246		
400.00	399.93	389.93	389.87	3.40	3.40	99.28	203.52	-181.20	273.42	265.67	7.76	35.241	SF	
500.00	499.68	480.91	480.66	3.48	3.48	100.16	207.07	-185.90	280.93	273.03	7.91	35.530		
600.00	599.13	571.18	570.51	3.59	3.58	101.39	212.31	-192.82	292.28	284.18	8.10	36.095		
700.00	698.15	660.48	659.08	3.73	3.70	102.86	219.17	-201.89	307.58	299.25	8.33	36.903		
800.00	796.85	748.75	746.23	3.90	3.84	104.60	227.58	-213.02	326.63	318.01	8.62	37.886		
900.00	895.54	836.11	832.03	4.11	4.01	106.04	237.50	-226.13	348.83	339.89	8.94	39.016		
1,000.00	994.24	922.42	916.26	4.33	4.21	107.16	248.84	-241.13	373.98	364.69	9.30	40.233		
1,100.00	1,092.93	1,007.54	998.74	4.58	4.45	108.00	261.52	-257.90	401.94	392.26	9.68	41.520		
1,200.00	1,191.63	1,091.36	1,079.31	4.85	4.73	108.59	275.45	-276.31	432.58	422.49	10.10	42.850		
1,300.00	1,290.32	1,179.91	1,163.78	5.13	5.06	109.02	291.47	-297.50	465.48	454.90	10.57	44.023		
1,400.00	1,389.01	1,274.18	1,253.62	5.42	5.45	109.41	308.72	-320.30	498.70	487.58	11.12	44.847		
1,500.00	1,487.71	1,368.45	1,343.45	5.72	5.86	109.74	325.96	-343.09	531.94	520.25	11.69	45.501		
1,600.00	1,586.40	1,462.72	1,433.28	6.03	6.29	110.04	343.20	-365.89	565.20	552.92	12.28	46.022		
1,700.00	1,685.10	1,556.99	1,523.11	6.35	6.74	110.31	360.44	-388.69	598.47	585.57	12.90	46.400		
1,800.00	1,783.79	1,651.26	1,612.94	6.53	7.20	110.54	377.68	-411.49	631.75	618.56	13.19	47.896		
1,900.00	1,882.49	1,745.52	1,702.78	6.57	7.57	110.76	394.92	-434.28	665.03	651.54	13.50	49.274		
2,000.00	1,981.18	1,839.79	1,792.61	6.63	7.76	110.95	412.17	-457.08	698.33	684.82	13.51	51.692		
2,100.00	2,079.87	1,934.06	1,882.44	6.72	7.86	111.12	429.41	-479.88	731.63	717.99	13.64	53.642		
2,200.00	2,178.57	2,028.33	1,972.27	6.82	8.00	111.28	446.65	-502.67	764.94	751.13	13.81	55.386		
2,300.00	2,277.26	2,122.60	2,062.10	6.95	8.17	111.43	463.89	-525.47	798.25	784.22	14.02	56.921		
2,400.00	2,375.96	2,216.87	2,151.94	7.09	8.37	111.57	481.13	-548.27	831.56	817.29	14.28	58.251		
2,500.00	2,474.65	2,311.14	2,241.77	7.25	8.60	111.69	498.37	-571.06	864.88	850.32	14.56	59.384		
2,600.00	2,573.34	2,405.41	2,331.60	7.42	8.86	111.81	515.61	-593.86	898.21	883.32	14.89	60.330		
2,700.00	2,672.04	2,500.32	2,421.43	7.61	9.14	111.91	532.86	-616.66	931.53	916.29	15.25	61.100		
2,800.00	2,770.73	2,593.95	2,511.26	7.82	9.45	112.01	550.10	-639.46	964.86	949.23	15.63	61.720		
2,900.00	2,869.43	2,688.22	2,601.10	8.03	9.77	112.10	567.34	-662.25	998.19	982.14	16.05	62.197		
3,000.00	2,968.12	2,782.49	2,690.93	8.26	10.12	112.19	584.58	-685.05	1,031.53	1,015.04	16.49	62.552		
3,100.00	3,066.81	2,876.76	2,780.76	8.50	10.48	112.27	601.82	-707.85	1,064.86	1,047.91	16.96	62.799		
3,200.00	3,165.51	2,971.03	2,870.59	8.75	10.86	112.35	619.06	-730.64	1,098.20	1,080.76	17.44	62.955		
3,300.00	3,264.20	3,065.30	2,960.42	9.01	11.25	112.42	636.30	-753.44	1,131.54	1,113.59	17.95	63.031		
3,400.00	3,362.90	3,159.57	3,050.26	9.28	11.65	112.49	653.55	-776.24	1,164.88	1,146.40	18.48	63.041		
3,500.00	3,461.59	3,253.84	3,140.09	9.55	12.06	112.55	670.79	-799.03	1,198.22	1,179.20	19.02	62.993		

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
0.00	0.00	0.00	0.00	3.28	3.28	0.48	200.00	1.67	200.01						
100.00	100.00	100.00	100.00	3.28	3.28	0.48	200.00	1.67	200.01	192.48	7.53	26.572			
200.00	200.00	200.00	200.00	3.30	3.30	0.48	200.00	1.67	200.01	192.44	7.57	26.426			
200.00	200.00	200.00	200.00	3.30	3.30	0.48	200.00	1.67	200.01	192.44	7.57	26.426	CC, ES		
300.00	300.00	297.17	297.17	3.34	3.34	140.79	200.34	1.47	200.70	193.05	7.65	26.233	SF		
400.00	399.93	391.30	391.24	3.40	3.41	140.85	203.00	-0.10	206.22	198.45	7.77	26.555			
500.00	499.68	484.78	484.52	3.48	3.49	140.96	208.28	-3.22	217.23	209.31	7.92	27.412			
600.00	599.13	577.22	576.51	3.59	3.59	141.09	216.07	-7.83	233.67	225.54	8.13	28.753			
700.00	698.15	668.22	666.74	3.73	3.71	141.22	226.23	-13.84	255.46	247.09	8.37	30.513			
800.00	796.85	757.69	755.04	3.90	3.85	141.46	238.62	-21.17	281.50	272.84	8.65	32.531			
900.00	895.54	845.85	841.56	4.11	4.02	141.41	253.15	-29.76	310.08	301.12	8.96	34.612			
1,000.00	994.24	940.38	933.99	4.33	4.24	141.20	270.19	-39.84	340.14	330.81	9.33	36.457			
1,100.00	1,092.93	1,035.74	1,027.24	4.58	4.48	141.03	287.40	-50.01	370.22	360.48	9.74	38.013			
1,200.00	1,191.63	1,131.10	1,120.48	4.85	4.75	140.88	304.60	-60.19	400.30	390.12	10.18	39.326			
1,300.00	1,290.32	1,226.47	1,213.73	5.13	5.03	140.75	321.81	-70.37	430.38	419.74	10.65	40.429			
1,400.00	1,389.01	1,321.83	1,306.97	5.42	5.33	140.64	339.02	-80.54	460.47	449.34	11.14	41.353			
1,500.00	1,487.71	1,417.19	1,400.22	5.72	5.64	140.54	356.22	-90.72	490.56	478.92	11.64	42.140			
1,600.00	1,586.40	1,512.56	1,493.46	6.03	5.96	140.45	373.43	-100.89	520.65	508.48	12.17	42.794			
1,700.00	1,685.10	1,607.92	1,586.71	6.35	6.29	140.37	390.63	-111.07	550.74	538.03	12.71	43.344			
1,800.00	1,783.79	1,703.28	1,679.95	6.53	6.62	140.30	407.84	-121.24	580.83	567.90	12.93	44.922			
1,900.00	1,882.49	1,801.35	1,773.19	6.57	6.82	140.24	425.05	-131.42	610.92	597.98	12.94	47.201			
2,000.00	1,981.18	1,905.99	1,866.44	6.63	6.88	140.18	442.25	-141.60	641.01	627.99	13.02	49.222			
2,100.00	2,079.87	1,989.37	1,959.68	6.72	6.94	140.13	459.46	-151.77	671.10	657.98	13.13	51.115			
2,200.00	2,178.57	2,084.74	2,052.93	6.82	7.04	140.08	476.67	-161.95	701.20	687.92	13.27	52.823			
2,300.00	2,277.26	2,180.10	2,146.17	6.95	7.16	140.04	493.87	-172.12	731.29	717.84	13.45	54.359			
2,400.00	2,375.96	2,275.46	2,239.42	7.09	7.30	140.00	511.08	-182.30	761.38	747.72	13.66	55.726			
2,500.00	2,474.65	2,370.83	2,332.66	7.25	7.46	139.96	528.28	-192.47	791.48	777.57	13.90	56.927			
2,600.00	2,573.34	2,466.19	2,425.91	7.42	7.63	139.93	545.49	-202.65	821.57	807.40	14.17	57.969			
2,700.00	2,672.04	2,561.55	2,519.15	7.61	7.82	139.90	562.70	-212.82	851.67	837.20	14.47	58.863			
2,800.00	2,770.73	2,656.91	2,612.39	7.82	8.03	139.87	579.90	-223.00	881.76	866.97	14.79	59.618			
2,900.00	2,869.43	2,752.28	2,705.64	8.03	8.25	139.84	597.11	-233.18	911.86	896.72	15.14	60.247			
3,000.00	2,968.12	2,847.64	2,798.88	8.26	8.48	139.81	614.31	-243.35	941.95	926.45	15.50	60.761			
3,100.00	3,066.81	2,943.00	2,892.13	8.50	8.73	139.79	631.52	-253.53	972.05	956.16	15.89	61.172			
3,200.00	3,165.51	3,038.37	2,985.37	8.75	8.98	139.77	648.73	-263.70	1,002.14	985.85	16.30	61.491			
3,300.00	3,264.20	3,133.73	3,078.62	9.01	9.25	139.74	665.93	-273.88	1,032.24	1,015.52	16.72	61.730			
3,400.00	3,362.90	3,229.09	3,171.86	9.28	9.53	139.72	683.14	-284.05	1,062.33	1,045.17	17.16	61.899			
3,500.00	3,461.59	3,324.46	3,265.11	9.55	9.81	139.71	700.34	-294.23	1,092.43	1,074.81	17.62	62.006			
3,600.00	3,560.28	3,419.82	3,358.35	9.84	10.10	139.69	717.55	-304.41	1,122.53	1,104.44	18.09	62.060			
3,700.00	3,658.98	3,515.18	3,451.59	10.12	10.40	139.67	734.76	-314.58	1,152.62	1,134.05	18.57	62.068			
3,800.00	3,757.67	3,610.55	3,544.84	10.42	10.71	139.65	751.96	-324.76	1,182.72	1,163.65	19.06	62.038			

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				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	Warning		
0.00	0.00	0.00	0.00	3.28	3.28	0.44	179.96	1.39	179.97						
100.00	100.00	100.00	100.00	3.28	3.28	0.44	179.96	1.39	179.97	172.44	7.53	23.909			
200.00	200.00	200.00	200.00	3.30	3.30	0.44	179.96	1.39	179.97	172.40	7.57	23.778			
200.00	200.00	200.00	200.00	3.30	3.30	0.44	179.96	1.39	179.97	172.40	7.57	23.778	CC, ES		
300.00	300.00	297.56	297.56	3.34	3.34	140.74	180.29	1.16	180.64	172.99	7.65	23.611	SF		
400.00	399.93	392.49	392.43	3.40	3.41	140.76	182.86	-0.65	186.04	178.27	7.77	23.954			
500.00	499.68	486.80	486.53	3.48	3.49	140.77	187.95	-4.25	196.80	188.87	7.93	24.827			
600.00	599.13	580.10	579.37	3.59	3.59	140.78	195.48	-9.57	212.86	204.73	8.13	26.180			
700.00	698.15	672.02	670.50	3.73	3.72	140.76	205.30	-16.52	234.16	225.78	8.38	27.943			
800.00	796.85	762.47	759.74	3.90	3.86	140.83	217.30	-24.99	259.59	250.92	8.67	29.957			
900.00	895.54	857.84	853.52	4.11	4.05	140.69	231.47	-35.01	286.58	277.58	9.00	31.836			
1,000.00	994.24	954.12	948.19	4.33	4.26	140.58	245.80	-45.13	313.60	304.22	9.38	33.434			
1,100.00	1,092.93	1,050.40	1,042.85	4.58	4.49	140.48	260.12	-55.26	340.62	330.83	9.79	34.788			
1,200.00	1,191.63	1,146.68	1,137.52	4.85	4.75	140.40	274.45	-65.39	367.64	357.41	10.23	35.931			
1,300.00	1,290.32	1,242.96	1,232.19	5.13	5.01	140.33	288.78	-75.51	394.66	383.96	10.70	36.892			
1,400.00	1,389.01	1,339.24	1,326.85	5.42	5.29	140.27	303.11	-85.64	421.68	410.50	11.19	37.700			
1,500.00	1,487.71	1,435.52	1,421.52	5.72	5.58	140.21	317.44	-95.76	448.70	437.01	11.69	38.384			
1,600.00	1,586.40	1,531.79	1,516.19	6.03	5.88	140.17	331.77	-105.89	475.73	463.51	12.21	38.955			
1,700.00	1,685.10	1,628.07	1,610.86	6.35	6.19	140.12	346.09	-116.02	502.75	490.00	12.75	39.436			
1,800.00	1,783.79	1,724.35	1,705.52	6.53	6.47	140.08	360.42	-126.14	529.77	516.83	12.94	40.953			
1,900.00	1,882.49	1,820.63	1,800.19	6.57	6.62	140.05	374.75	-136.27	556.79	543.88	12.92	43.108			
2,000.00	1,981.18	1,916.91	1,894.86	6.63	6.67	140.02	389.08	-146.40	583.82	570.82	12.99	44.929			
2,100.00	2,079.87	2,013.19	1,989.52	6.72	6.74	139.99	403.41	-156.52	610.84	597.73	13.11	46.605			
2,200.00	2,178.57	2,109.47	2,084.19	6.82	6.82	139.96	417.74	-166.65	637.86	624.61	13.25	48.136			
2,300.00	2,277.26	2,205.75	2,178.86	6.95	6.93	139.94	432.06	-176.78	664.89	651.45	13.43	49.502			
2,400.00	2,375.96	2,302.03	2,273.52	7.09	7.06	139.92	446.39	-186.90	691.91	678.27	13.64	50.723			
2,500.00	2,474.65	2,401.69	2,368.19	7.25	7.21	139.90	460.72	-197.03	718.93	705.05	13.89	51.777			
2,600.00	2,573.34	2,505.41	2,462.86	7.42	7.38	139.88	475.05	-207.15	745.96	731.79	14.16	52.664			
2,700.00	2,672.04	2,609.13	2,557.52	7.61	7.57	139.86	489.38	-217.28	772.98	758.51	14.47	53.412			
2,800.00	2,770.73	2,687.14	2,652.19	7.82	7.73	139.84	503.71	-227.41	800.00	785.24	14.76	54.189			
2,900.00	2,869.43	2,783.42	2,746.86	8.03	7.93	139.83	518.03	-237.53	827.03	811.92	15.11	54.749			
3,000.00	2,968.12	2,879.70	2,841.53	8.26	8.15	139.81	532.36	-247.66	854.05	838.58	15.47	55.206			
3,100.00	3,066.81	2,975.98	2,936.19	8.50	8.37	139.80	546.69	-257.79	881.08	865.22	15.85	55.572			
3,200.00	3,165.51	3,072.26	3,030.86	8.75	8.61	139.79	561.02	-267.91	908.10	891.84	16.26	55.857			
3,300.00	3,264.20	3,168.54	3,125.53	9.01	8.85	139.77	575.35	-278.04	935.12	918.45	16.68	56.070			
3,400.00	3,362.90	3,264.82	3,220.19	9.28	9.11	139.76	589.68	-288.16	962.15	945.03	17.11	56.220			
3,500.00	3,461.59	3,361.10	3,314.86	9.55	9.37	139.75	604.00	-298.29	989.17	971.61	17.56	56.315			
3,600.00	3,560.28	3,457.38	3,409.53	9.84	9.64	139.74	618.33	-308.42	1,016.20	998.17	18.03	56.363			
3,700.00	3,658.98	3,553.66	3,504.19	10.12	9.91	139.73	632.66	-318.54	1,043.22	1,024.71	18.51	56.370			
3,800.00	3,757.67	3,649.94	3,598.86	10.42	10.20	139.72	646.99	-328.67	1,070.24	1,051.25	19.00	56.343			
3,900.00	3,856.37	3,746.21	3,693.53	10.72	10.48	139.71	661.32	-338.80	1,097.27	1,077.77	19.49	56.285			
4,000.00	3,955.06	3,842.49	3,788.19	11.02	10.78	139.71	675.65	-348.92	1,124.29	1,104.29	20.00	56.203			
4,100.00	4,053.75	3,938.77	3,882.86	11.33	11.07	139.70	689.97	-359.05	1,151.32	1,130.79	20.52	56.100			
4,200.00	4,152.45	4,035.05	3,977.53	11.64	11.38	139.69	704.30	-369.17	1,178.34	1,157.29	21.05	55.980			

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	0.00	0.00	3.28	3.28	0.53	60.11	0.56	60.11					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	60.11	0.56	60.11	52.58	7.53	7.986		
200.00	200.00	200.00	200.00	3.30	3.30	0.53	60.11	0.56	60.11	52.54	7.57	7.942	CC	
200.03	200.03	200.03	200.03	3.30	3.30	0.53	60.11	0.56	60.11	52.54	7.57	7.942	ES	
300.00	300.00	300.34	300.33	3.34	3.34	140.69	59.97	0.14	60.31	52.66	7.65	7.883		
400.00	399.93	400.98	400.91	3.40	3.40	139.63	58.87	-3.22	61.91	54.14	7.76	7.974		
500.00	499.68	501.54	501.21	3.48	3.49	137.66	56.68	-9.93	65.15	57.23	7.92	8.222		
600.00	599.13	601.71	600.86	3.59	3.60	135.31	53.51	-19.63	70.22	62.08	8.14	8.627		
700.00	698.15	701.42	700.00	3.73	3.73	134.71	50.18	-29.82	77.68	69.28	8.41	9.239		
800.00	796.85	801.01	799.01	3.90	3.89	135.33	46.86	-39.99	86.69	77.97	8.72	9.938		
900.00	895.54	900.60	898.02	4.11	4.07	135.85	43.53	-50.17	95.73	86.65	9.08	10.546		
1,000.00	994.24	1,000.19	997.03	4.33	4.26	136.28	40.21	-60.34	104.77	95.30	9.47	11.067		
1,100.00	1,092.93	1,100.22	1,096.04	4.58	4.48	136.65	36.88	-70.51	113.82	103.93	9.89	11.509		
1,200.00	1,191.63	1,199.36	1,195.05	4.85	4.70	136.96	33.55	-80.69	122.87	112.53	10.34	11.887		
1,300.00	1,290.32	1,301.05	1,294.06	5.13	4.94	137.23	30.23	-90.86	131.93	121.11	10.81	12.202		
1,400.00	1,389.01	1,401.46	1,393.08	5.42	5.18	137.46	26.90	-101.04	140.98	129.68	11.31	12.471		
1,500.00	1,487.71	1,501.88	1,492.09	5.72	5.44	137.67	23.58	-111.21	150.04	138.23	11.82	12.698		
1,600.00	1,586.40	1,602.29	1,591.10	6.03	5.70	137.85	20.25	-121.38	159.11	146.76	12.34	12.892		
1,700.00	1,685.10	1,702.70	1,690.11	6.35	5.97	138.01	16.93	-131.56	168.17	155.29	12.88	13.060		
1,800.00	1,783.79	1,803.11	1,789.12	6.63	6.11	138.16	13.60	-141.73	177.23	164.45	12.78	13.866		
1,900.00	1,882.49	1,903.53	1,888.13	6.87	6.13	138.29	10.28	-151.90	186.30	173.46	12.84	14.514		
2,000.00	1,981.18	2,003.94	1,987.14	7.11	6.18	138.41	6.95	-162.08	195.36	182.44	12.92	15.117		
2,100.00	2,079.87	2,104.35	2,086.15	7.35	6.24	138.52	3.63	-172.25	204.43	191.38	13.05	15.669		
2,200.00	2,178.57	2,204.76	2,185.16	7.59	6.32	138.62	0.30	-182.43	213.50	200.30	13.20	16.171		
2,300.00	2,277.26	2,305.18	2,284.17	7.83	6.41	138.71	-3.02	-192.60	222.57	209.18	13.39	16.621		
2,400.00	2,375.96	2,405.59	2,383.18	8.07	6.52	138.80	-6.35	-202.77	231.64	218.03	13.61	17.020		
2,500.00	2,474.65	2,506.00	2,482.19	8.31	6.65	138.87	-9.67	-212.95	240.71	226.85	13.86	17.371		
2,600.00	2,573.34	2,606.41	2,581.20	8.55	6.78	138.95	-13.00	-223.12	249.78	235.64	14.13	17.674		
2,700.00	2,672.04	2,706.83	2,680.21	8.79	6.93	139.01	-16.33	-233.30	258.85	244.41	14.43	17.934		
2,800.00	2,770.73	2,807.24	2,779.22	9.03	7.09	139.08	-19.65	-243.47	267.92	253.16	14.76	18.154		
2,900.00	2,869.43	2,907.65	2,878.23	9.27	7.27	139.14	-22.98	-253.64	276.99	261.88	15.11	18.336		
3,000.00	2,968.12	3,008.06	2,977.24	9.51	7.45	139.19	-26.30	-263.82	286.06	270.58	15.47	18.486		
3,100.00	3,066.81	3,108.48	3,076.25	9.75	7.64	139.24	-29.63	-273.99	295.13	279.27	15.86	18.606		
3,200.00	3,165.51	3,208.89	3,175.26	9.99	7.84	139.29	-32.95	-284.16	304.20	287.93	16.27	18.699		
3,300.00	3,264.20	3,309.30	3,274.27	10.23	8.05	139.34	-36.28	-294.34	313.27	296.58	16.69	18.770		
3,400.00	3,362.90	3,409.72	3,373.29	10.47	8.27	139.38	-39.60	-304.51	322.34	305.22	17.13	18.820		
3,500.00	3,461.59	3,489.87	3,472.30	10.71	8.45	139.42	-42.93	-314.69	331.42	313.88	17.53	18.900		
3,600.00	3,560.28	3,589.46	3,571.31	10.95	8.68	139.46	-46.25	-324.86	340.49	322.49	18.00	18.920		
3,700.00	3,658.98	3,689.05	3,670.32	11.19	8.91	139.50	-49.58	-335.03	349.56	331.09	18.47	18.926		
3,800.00	3,757.67	3,788.63	3,769.33	11.43	9.15	139.53	-52.90	-345.21	358.63	339.68	18.96	18.920		
3,900.00	3,856.37	3,888.22	3,868.34	11.67	9.40	139.56	-56.23	-355.38	367.70	348.25	19.45	18.905		
4,000.00	3,955.06	3,987.81	3,967.35	11.91	9.64	139.59	-59.55	-365.56	376.78	356.82	19.95	18.882		
4,100.00	4,053.75	4,087.40	4,066.36	12.15	9.90	139.62	-62.88	-375.73	385.85	365.38	20.47	18.852		
4,200.00	4,152.45	4,186.98	4,165.37	12.39	10.16	139.65	-66.21	-385.90	394.92	373.93	20.99	18.816		
4,300.00	4,251.14	4,286.57	4,264.38	12.63	10.42	139.68	-69.53	-396.08	404.00	382.48	21.52	18.775		
4,400.00	4,349.84	4,386.16	4,363.39	12.87	10.68	139.71	-72.86	-406.25	413.07	391.02	22.05	18.731		
4,500.00	4,448.53	4,485.75	4,462.40	13.11	10.95	139.73	-76.18	-416.43	422.14	399.55	22.59	18.683		
4,600.00	4,547.22	4,585.33	4,561.41	13.35	11.22	139.76	-79.51	-426.60	431.22	408.07	23.14	18.633		
4,700.00	4,645.92	4,684.92	4,660.42	13.59	11.49	139.78	-82.83	-436.77	440.29	416.59	23.70	18.581		
4,800.00	4,744.61	4,784.51	4,759.43	13.83	11.77	139.80	-86.16	-446.95	449.36	425.11	24.25	18.527		
4,900.00	4,843.31	4,884.10	4,858.44	14.07	12.05	139.82	-89.48	-457.12	458.44	433.62	24.82	18.472		
5,000.00	4,942.00	4,983.68	4,957.45	14.31	12.33	139.84	-92.81	-467.29	467.51	442.12	25.39	18.417		
5,100.00	5,040.69	5,083.27	5,056.46	14.55	12.61	139.86	-96.13	-477.47	476.58	450.63	25.96	18.360		
5,200.00	5,139.39	5,182.86	5,155.47	14.79	12.90	139.88	-99.46	-487.64	485.66	459.12	26.53	18.304		
5,300.00	5,238.08	5,282.44	5,254.49	15.03	13.18	139.90	-102.78	-497.82	494.73	467.62	27.11	18.248		
5,400.00	5,336.78	5,382.03	5,353.50	15.27	13.47	139.92	-106.11	-507.99	503.80	476.11	27.69	18.191		
5,500.00	5,435.47	5,481.62	5,452.51	15.51	13.76	139.93	-109.43	-518.16	512.88	484.60	28.28	18.135		
5,600.00	5,534.16	5,581.21	5,551.52	15.75	14.05	139.95	-112.76	-528.34	521.95	493.08	28.87	18.080		
5,700.00	5,632.86	5,680.79	5,650.53	15.99	14.35	139.96	-116.09	-538.51	531.03	501.56	29.46	18.024		
5,800.00	5,731.55	5,780.38	5,749.54	16.23	14.64	139.98	-119.41	-548.69	540.10	510.04	30.06	17.970		
5,900.00	5,830.25	5,879.97	5,848.55	16.47	14.94	139.99	-122.74	-558.86	549.17	518.52	30.65	17.916		
6,000.00	5,928.94	5,979.56	5,947.56	16.71	15.23	140.01	-126.06	-569.03	558.25	527.00	31.25	17.863		
6,100.00	6,027.63	6,079.14	6,046.57	16.95	15.53	140.02	-129.39	-579.21	567.32	535.47	31.85	17.811		
6,200.00	6,126.33	6,178.73	6,145.58	17.19	15.83	140.04	-132.71	-589.38	576.39	543.94	32.46	17.759		
6,300.00	6,225.02	6,278.32	6,244.59	17.43	16.13	140.05	-136.04	-599.55	585.47	552.41	33.06	17.708		
6,400.00	6,323.72	6,377.91	6,343.60	17.67	16.43	140.06	-139.36	-609.73	594.54	560.87	33.67	17.658		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft	
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft	
Reference				Offset				Semi Major Axis			Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
6,500.00	6,422.41	6,477.49	6,442.61	19.52	16.73	140.07	-142.69	-619.90	603.62	569.34	34.28	17.609			
6,600.00	6,520.95	6,577.05	6,541.59	19.88	17.03	126.55	-146.01	-630.07	612.68	577.80	34.88	17.565			
6,700.00	6,617.12	6,676.97	6,640.61	20.29	17.36	111.26	-149.35	-642.76	621.72	586.23	35.49	17.520			
6,800.00	6,708.34	6,779.29	6,739.01	20.81	17.80	105.33	-152.73	-670.15	630.58	594.27	36.31	17.367			
6,900.00	6,792.37	6,883.92	6,833.79	21.44	18.39	102.46	-156.08	-714.09	639.02	601.59	37.43	17.071			
7,000.00	6,867.14	6,990.92	6,921.93	22.21	19.18	100.91	-159.27	-774.44	646.78	607.83	38.95	16.605			
7,100.00	6,930.81	7,100.20	7,000.24	23.15	20.22	100.04	-162.22	-850.42	653.61	612.62	40.98	15.948			
7,200.00	6,981.81	7,211.60	7,065.51	24.30	21.58	99.57	-164.80	-940.48	659.25	615.58	43.67	15.097			
7,300.00	7,018.89	7,324.81	7,114.76	25.69	23.31	99.34	-166.90	-1,042.23	663.50	616.45	47.05	14.102			
7,400.00	7,041.12	7,439.40	7,145.49	27.32	25.38	99.27	-168.42	-1,152.45	666.17	615.10	51.07	13.043			
7,500.00	7,047.98	7,554.83	7,156.00	29.15	27.70	99.32	-169.30	-1,267.24	667.16	611.58	55.58	12.004			
7,600.00	7,047.53	7,655.02	7,155.85	31.13	29.89	99.34	-169.76	-1,367.43	667.24	607.33	59.90	11.139			
7,700.00	7,047.07	7,755.02	7,155.70	33.28	32.18	99.37	-170.22	-1,467.43	667.31	602.86	64.45	10.354			
7,800.00	7,046.61	7,855.02	7,155.54	35.55	34.57	99.39	-170.68	-1,567.42	667.39	598.20	69.19	9.646			
7,900.00	7,046.15	7,955.02	7,155.39	37.92	37.05	99.42	-171.13	-1,667.42	667.46	593.37	74.09	9.009			
8,000.00	7,045.70	8,055.02	7,155.24	40.38	39.59	99.44	-171.59	-1,767.42	667.53	588.41	79.12	8.437			
8,100.00	7,045.24	8,155.02	7,155.09	42.91	42.19	99.47	-172.05	-1,867.42	667.61	583.35	84.26	7.924			
8,200.00	7,044.78	8,255.02	7,154.93	45.49	44.84	99.50	-172.51	-1,967.42	667.68	578.21	89.48	7.462			
8,300.00	7,044.32	8,355.02	7,154.78	48.12	47.52	99.52	-172.97	-2,067.42	667.76	572.99	94.77	7.046			
8,400.00	7,043.87	8,455.02	7,154.63	50.79	50.24	99.55	-173.42	-2,167.42	667.84	567.71	100.13	6.670			
8,500.00	7,043.41	8,555.02	7,154.48	53.49	52.98	99.57	-173.88	-2,267.41	667.91	562.38	105.54	6.329			
8,600.00	7,042.95	8,655.01	7,154.32	56.22	55.74	99.60	-174.34	-2,367.41	667.99	557.00	110.99	6.019			
8,700.00	7,042.49	8,755.01	7,154.17	58.97	58.53	99.62	-174.80	-2,467.41	668.06	551.59	116.47	5.736			
8,800.00	7,042.03	8,855.01	7,154.02	61.74	61.33	99.65	-175.25	-2,567.41	668.14	546.15	121.99	5.477			
8,900.00	7,041.58	8,955.01	7,153.86	64.53	64.14	99.67	-175.71	-2,667.41	668.21	540.67	127.54	5.239			
9,000.00	7,041.12	9,055.01	7,153.71	67.34	66.97	99.70	-176.17	-2,767.41	668.29	535.18	133.11	5.021			
9,100.00	7,040.66	9,155.01	7,153.56	70.15	69.81	99.72	-176.63	-2,867.40	668.37	529.66	138.70	4.819			
9,200.00	7,040.20	9,255.01	7,153.41	72.98	72.66	99.75	-177.08	-2,967.40	668.44	524.13	144.31	4.632			
9,300.00	7,039.75	9,355.01	7,153.25	75.83	75.52	99.78	-177.54	-3,067.40	668.52	518.58	149.94	4.459			
9,400.00	7,039.29	9,455.01	7,153.10	78.67	78.38	99.80	-178.00	-3,167.40	668.60	513.01	155.58	4.297			
9,500.00	7,038.83	9,555.01	7,152.95	81.53	81.26	99.83	-178.46	-3,267.40	668.67	507.43	161.24	4.147			
9,600.00	7,038.37	9,655.01	7,152.80	84.40	84.13	99.85	-178.91	-3,367.40	668.75	501.84	166.90	4.007			
9,700.00	7,037.91	9,755.01	7,152.64	87.27	87.02	99.88	-179.37	-3,467.39	668.83	496.24	172.58	3.875			
9,800.00	7,037.46	9,855.01	7,152.49	90.15	89.91	99.90	-179.83	-3,567.39	668.90	490.64	178.27	3.752			
9,900.00	7,037.00	9,955.01	7,152.34	93.03	92.80	99.93	-180.29	-3,667.39	668.98	485.02	183.96	3.637			
10,000.00	7,036.54	10,055.01	7,152.18	95.92	95.70	99.95	-180.74	-3,767.39	669.06	479.40	189.66	3.528			
10,100.00	7,036.08	10,155.01	7,152.03	98.81	98.60	99.98	-181.20	-3,867.39	669.14	473.77	195.37	3.425			
10,200.00	7,035.63	10,255.01	7,151.88	101.71	101.51	100.00	-181.66	-3,967.39	669.21	468.13	201.08	3.328			
10,300.00	7,035.17	10,355.01	7,151.73	104.61	104.42	100.03	-182.12	-4,067.38	669.29	462.49	206.80	3.236			
10,400.00	7,034.71	10,455.01	7,151.57	107.51	107.33	100.05	-182.57	-4,167.38	669.37	456.84	212.53	3.150			
10,500.00	7,034.25	10,555.01	7,151.42	110.42	110.24	100.08	-183.03	-4,267.38	669.45	451.19	218.26	3.067			
10,600.00	7,033.80	10,655.01	7,151.27	113.33	113.16	100.11	-183.49	-4,367.38	669.53	445.54	223.99	2.989			
10,700.00	7,033.34	10,755.00	7,151.12	116.24	116.08	100.13	-183.95	-4,467.38	669.60	439.88	229.73	2.915			
10,800.00	7,032.88	10,855.00	7,150.96	119.15	119.00	100.16	-184.40	-4,567.38	669.68	434.22	235.47	2.844			
10,900.00	7,032.42	10,955.00	7,150.81	122.07	121.92	100.18	-184.86	-4,667.37	669.76	428.55	241.21	2.774			
11,000.00	7,031.96	11,055.00	7,150.66	124.99	124.85	100.21	-185.32	-4,767.37	669.84	422.89	246.95	2.712			
11,100.00	7,031.51	11,155.00	7,150.50	127.91	127.77	100.23	-185.78	-4,867.37	669.92	417.22	252.70	2.651			
11,200.00	7,031.05	11,255.00	7,150.35	130.84	130.70	100.26	-186.23	-4,967.37	670.00	411.54	258.45	2.592			
11,300.00	7,030.59	11,355.00	7,150.20	133.76	133.63	100.28	-186.69	-5,067.37	670.08	405.87	264.21	2.536			
11,400.00	7,030.13	11,455.00	7,150.05	136.69	136.56	100.31	-187.15	-5,167.37	670.16	400.20	269.96	2.482			
11,500.00	7,029.68	11,555.00	7,149.89	139.62	139.49	100.33	-187.61	-5,267.36	670.24	394.52	275.72	2.431			
11,600.00	7,029.22	11,655.00	7,149.74	142.54	142.43	100.36	-188.06	-5,367.36	670.31	388.84	281.47	2.381			
11,700.00	7,028.76	11,755.00	7,149.59	145.48	145.36	100.38	-188.52	-5,467.36	670.39	383.16	287.23	2.334			
11,800.00	7,028.30	11,855.00	7,149.44	148.41	148.30	100.41	-188.98	-5,567.36	670.47	377.48	292.99	2.288			
11,900.00	7,027.84	11,955.00	7,149.28	151.34	151.24	100.43	-189.44	-5,667.36	670.55	371.80	298.75	2.244			
12,000.00	7,027.39	12,055.00	7,149.13	154.28	154.17	100.46	-189.90	-5,767.36	670.63	366.12	304.52	2.202			
12,100.00	7,026.93	12,155.00	7,148.98	157.21	157.11	100.48	-190.35	-5,867.35	670.71	360.43	310.28	2.162			
12,200.00	7,026.47	12,255.00	7,148.83	160.15	160.05	100.51	-190.81	-5,967.35	670.79	354.75	316.04	2.122			
12,300.00	7,026.01	12,355.00	7,148.67	163.08	162.99	100.53	-191.27	-6,067.35	670.87	349.07	321.81	2.085			
12,400.00	7,025.56	12,455.00	7,148.52	166.02	165.93	100.56	-191.73	-6,167.35	670.96	343.38	327.57	2.048			
12,500.00	7,025.10	12,555.00	7,148.37	168.96	168.88	100.59	-192.18	-6,267.35	671.04	337.70	333.34	2.013			
12,600.00	7,024.64	12,655.00	7,148.21	171.90	171.82	100.61	-192.64	-6,367.35	671.12	332.01	339.11	1.979			
12,700.00	7,024.18	12,755.00	7,148.06	174.84	174.76	100.64	-193.10	-6,467.35	671.20	326.33	344.87	1.946			
12,800.00	7,023.73	12,855.00	7,147.91	177.78	177.71	100.66	-193.56	-6,567.34	671.28	320.64	350.64	1.914			
12,900.00	7,023.27	12,954.99	7,147.76	180.73	180.65	100.69	-194.01	-6,667.34	671.36	314.95	356.41	1.884			
13,000.00	7,022.81	13,054.99	7,147.60	183.67	183.59	100.71	-194.47	-6,767.34	671.44	309.27	362.17	1.854			

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)
13,100.00	7,022.35	13,154.99	7,147.45	186.61	186.54	100.74	-194.93	-6,867.34	671.52	303.58	367.94	1.825
13,200.00	7,021.89	13,254.99	7,147.30	189.55	189.49	100.76	-195.39	-6,967.34	671.60	297.90	373.71	1.797
13,300.00	7,021.44	13,354.99	7,147.15	192.50	192.43	100.79	-195.84	-7,067.34	671.69	292.21	379.48	1.770
13,400.00	7,020.98	13,454.99	7,146.99	195.44	195.38	100.81	-196.30	-7,167.33	671.77	286.52	385.24	1.744
13,500.00	7,020.52	13,554.99	7,146.84	198.39	198.33	100.84	-196.76	-7,267.33	671.85	280.84	391.01	1.718
13,600.00	7,020.06	13,654.99	7,146.69	201.34	201.28	100.86	-197.22	-7,367.33	671.93	275.15	396.78	1.693
13,700.00	7,019.61	13,754.99	7,146.53	204.28	204.22	100.89	-197.67	-7,467.33	672.01	269.47	402.55	1.669
13,800.00	7,019.15	13,854.99	7,146.38	207.23	207.17	100.91	-198.13	-7,567.33	672.10	263.78	408.31	1.646
13,900.00	7,018.69	13,954.99	7,146.23	210.18	210.12	100.94	-198.59	-7,667.33	672.18	258.10	414.08	1.623
14,000.00	7,018.23	14,054.99	7,146.08	213.12	213.07	100.96	-199.05	-7,767.32	672.26	252.42	419.85	1.601
14,100.00	7,017.77	14,154.99	7,145.92	216.07	216.02	100.99	-199.50	-7,867.32	672.34	246.73	425.61	1.580
14,200.00	7,017.32	14,254.99	7,145.77	219.02	218.97	101.01	-199.96	-7,967.32	672.43	241.05	431.38	1.559
14,300.00	7,016.86	14,354.99	7,145.62	221.97	221.92	101.04	-200.42	-8,067.32	672.51	235.37	437.14	1.538
14,400.00	7,016.40	14,454.99	7,145.47	224.92	224.87	101.06	-200.88	-8,167.32	672.59	229.68	442.91	1.519
14,500.00	7,015.94	14,554.99	7,145.31	227.87	227.82	101.09	-201.33	-8,267.32	672.68	224.00	448.67	1.499 Level 3
14,600.00	7,015.49	14,654.99	7,145.16	230.82	230.77	101.11	-201.79	-8,367.31	672.76	218.32	454.44	1.480 Level 3
14,700.00	7,015.03	14,754.99	7,145.01	233.77	233.73	101.14	-202.25	-8,467.31	672.84	212.64	460.20	1.462 Level 3
14,800.00	7,014.57	14,854.99	7,144.85	236.72	236.68	101.16	-202.71	-8,567.31	672.93	206.96	465.97	1.444 Level 3
14,900.00	7,014.11	14,954.99	7,144.70	239.67	239.63	101.19	-203.16	-8,667.31	673.01	201.28	471.73	1.427 Level 3
15,000.00	7,013.65	15,054.98	7,144.55	242.62	242.58	101.21	-203.62	-8,767.31	673.09	195.60	477.49	1.410 Level 3
15,100.00	7,013.20	15,154.98	7,144.40	245.57	245.53	101.24	-204.08	-8,867.31	673.18	189.93	483.25	1.393 Level 3
15,200.00	7,012.74	15,254.98	7,144.24	248.52	248.49	101.26	-204.54	-8,967.30	673.26	184.25	489.01	1.377 Level 3
15,300.00	7,012.28	15,354.98	7,144.09	251.47	251.44	101.29	-204.99	-9,067.30	673.35	178.57	494.78	1.361 Level 3
15,400.00	7,011.82	15,454.98	7,143.94	254.43	254.39	101.31	-205.45	-9,167.30	673.43	172.90	500.54	1.345 Level 3
15,500.00	7,011.37	15,554.98	7,143.79	257.38	257.35	101.34	-205.91	-9,267.30	673.52	167.22	506.30	1.330 Level 3
15,600.00	7,010.91	15,654.98	7,143.63	260.33	260.30	101.36	-206.37	-9,367.30	673.60	161.55	512.05	1.315 Level 3
15,700.00	7,010.45	15,754.98	7,143.48	263.28	263.25	101.39	-206.83	-9,467.30	673.69	155.87	517.81	1.301 Level 3
15,800.00	7,009.99	15,854.98	7,143.33	266.24	266.21	101.41	-207.28	-9,567.29	673.77	150.20	523.57	1.287 Level 3
15,900.00	7,009.54	15,954.98	7,143.18	269.19	269.16	101.44	-207.74	-9,667.29	673.86	144.53	529.33	1.273 Level 3
16,000.00	7,009.08	16,054.98	7,143.02	272.14	272.12	101.46	-208.20	-9,767.29	673.94	138.86	535.08	1.260 Level 3
16,100.00	7,008.62	16,154.98	7,142.87	275.09	275.07	101.49	-208.66	-9,867.29	674.03	133.19	540.84	1.246 Level 2
16,200.00	7,008.16	16,254.98	7,142.72	278.05	278.03	101.51	-209.11	-9,967.29	674.11	127.52	546.59	1.233 Level 2
16,300.00	7,007.70	16,354.98	7,142.56	281.00	280.98	101.54	-209.57	-10,067.29	674.20	121.85	552.35	1.221 Level 2
16,400.00	7,007.25	16,454.98	7,142.41	283.96	283.94	101.56	-210.03	-10,167.28	674.28	116.18	558.10	1.208 Level 2
16,500.00	7,006.79	16,554.98	7,142.26	286.91	286.89	101.59	-210.49	-10,267.28	674.37	110.51	563.85	1.196 Level 2
16,600.00	7,006.33	16,654.98	7,142.11	289.86	289.85	101.61	-210.94	-10,367.28	674.45	104.85	569.61	1.184 Level 2
16,700.00	7,005.87	16,754.98	7,141.95	292.82	292.80	101.64	-211.40	-10,467.28	674.54	99.18	575.36	1.172 Level 2
16,800.00	7,005.42	16,854.98	7,141.80	295.77	295.76	101.66	-211.86	-10,567.28	674.63	93.52	581.11	1.161 Level 2
16,900.00	7,004.96	16,954.98	7,141.65	298.73	298.71	101.69	-212.32	-10,667.28	674.71	87.86	586.86	1.150 Level 2
17,000.00	7,004.50	17,054.98	7,141.50	301.68	301.67	101.71	-212.77	-10,767.28	674.80	82.19	592.61	1.139 Level 2
17,100.00	7,004.04	17,154.98	7,141.34	304.64	304.62	101.74	-213.23	-10,867.27	674.89	76.53	598.35	1.128 Level 2
17,200.00	7,003.58	17,254.97	7,141.19	307.59	307.58	101.76	-213.69	-10,967.27	674.97	70.87	604.10	1.117 Level 2
17,300.00	7,003.13	17,354.97	7,141.04	310.55	310.54	101.79	-214.15	-11,067.27	675.06	65.21	609.85	1.107 Level 2
17,327.69	7,003.00	17,382.66	7,141.00	311.37	311.35	101.79	-214.27	-11,094.96	675.08	63.65	611.44	1.104 Level 2, SF

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	0.00	0.00	3.28	3.28	0.40	80.15	0.56	80.15					
100.00	100.00	100.00	100.00	3.28	3.28	0.40	80.15	0.56	80.15	72.62	7.53	10.648		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	80.15	0.56	80.15	72.58	7.57	10.589	CC	
200.01	200.01	200.01	200.01	3.30	3.30	0.40	80.15	0.56	80.15	72.58	7.57	10.589	ES	
300.00	300.00	300.06	300.05	3.34	3.34	140.58	80.13	0.12	80.47	72.82	7.65	10.517		
400.00	399.93	400.11	400.04	3.40	3.41	139.67	80.01	-3.37	83.03	75.27	7.77	10.692		
500.00	499.68	499.97	499.66	3.48	3.49	138.00	79.77	-10.34	88.22	80.29	7.93	11.124		
600.00	599.13	600.40	598.77	3.59	3.60	136.06	79.42	-20.35	96.08	87.93	8.15	11.791		
700.00	698.15	700.96	697.67	3.73	3.74	135.45	79.05	-30.83	106.51	98.09	8.42	12.649		
800.00	796.85	801.68	796.39	3.90	3.90	135.79	78.68	-41.28	118.50	109.76	8.74	13.559		
900.00	895.54	902.41	895.11	4.11	4.07	136.10	78.32	-51.74	130.51	121.41	9.10	14.348		
1,000.00	994.24	1,003.13	993.83	4.33	4.27	136.36	77.95	-62.20	142.52	133.03	9.49	15.020		
1,100.00	1,092.93	1,103.86	1,092.55	4.58	4.48	136.58	77.59	-72.65	154.54	144.63	9.91	15.589		
1,200.00	1,191.63	1,204.58	1,191.27	4.85	4.71	136.76	77.22	-83.11	166.56	156.19	10.37	16.069		
1,300.00	1,290.32	1,305.31	1,289.99	5.13	4.94	136.92	76.86	-93.57	178.58	167.74	10.84	16.474		
1,400.00	1,389.01	1,406.04	1,388.71	5.42	5.18	137.06	76.49	-104.02	190.60	179.27	11.34	16.814		
1,500.00	1,487.71	1,506.76	1,487.44	5.72	5.44	137.19	76.13	-114.48	202.62	190.78	11.85	17.101		
1,600.00	1,586.40	1,607.49	1,586.16	6.03	5.70	137.30	75.76	-124.94	214.65	202.27	12.38	17.343		
1,700.00	1,685.10	1,708.22	1,684.88	6.35	5.95	137.39	75.40	-135.39	226.67	213.76	12.91	17.562		
1,800.00	1,783.79	1,808.94	1,783.60	6.53	6.08	137.48	75.03	-145.85	238.70	225.89	12.81	18.635		
1,900.00	1,882.49	1,909.67	1,882.32	6.57	6.11	137.56	74.67	-156.31	250.72	237.86	12.87	19.488		
2,000.00	1,981.18	1,989.61	1,981.04	6.63	6.15	137.63	74.30	-166.76	262.75	249.80	12.95	20.296		
2,100.00	2,079.87	2,088.88	2,079.76	6.72	6.20	137.70	73.94	-177.22	274.77	261.71	13.07	21.027		
2,200.00	2,178.57	2,188.15	2,178.48	6.82	6.28	137.76	73.57	-187.68	286.80	273.58	13.22	21.691		
2,300.00	2,277.26	2,287.43	2,277.20	6.95	6.37	137.82	73.21	-198.13	298.83	285.42	13.41	22.287		
2,400.00	2,375.96	2,386.70	2,375.92	7.09	6.47	137.87	72.84	-208.59	310.85	297.23	13.62	22.815		
2,500.00	2,474.65	2,485.97	2,474.64	7.25	6.59	137.92	72.48	-219.05	322.88	309.01	13.87	23.278		
2,600.00	2,573.34	2,585.25	2,573.36	7.42	6.72	137.96	72.11	-229.50	334.91	320.77	14.14	23.680		
2,700.00	2,672.04	2,684.52	2,672.09	7.61	6.86	138.00	71.75	-239.96	346.94	332.49	14.44	24.023		
2,800.00	2,770.73	2,783.80	2,770.81	7.82	7.01	138.04	71.38	-250.42	358.96	344.20	14.76	24.314		
2,900.00	2,869.43	2,883.07	2,869.53	8.03	7.18	138.08	71.02	-260.87	370.99	355.88	15.11	24.555		
3,000.00	2,968.12	2,982.34	2,968.25	8.26	7.35	138.11	70.65	-271.33	383.02	367.55	15.47	24.752		
3,100.00	3,066.81	3,081.62	3,066.97	8.50	7.53	138.14	70.29	-281.79	395.05	379.19	15.86	24.909		
3,200.00	3,165.51	3,180.89	3,165.69	8.75	7.73	138.17	69.92	-292.24	407.08	390.81	16.26	25.031		
3,300.00	3,264.20	3,280.16	3,264.41	9.01	7.93	138.20	69.56	-302.70	419.10	402.42	16.68	25.123		
3,400.00	3,362.90	3,379.44	3,363.13	9.28	8.14	138.22	69.19	-313.16	431.13	414.02	17.12	25.187		
3,500.00	3,461.59	3,478.71	3,461.85	9.55	8.35	138.25	68.83	-323.61	443.16	425.60	17.57	25.228		
3,600.00	3,560.28	3,577.99	3,560.57	9.84	8.58	138.27	68.46	-334.07	455.19	437.16	18.03	25.249		
3,700.00	3,658.98	3,677.26	3,659.29	10.12	8.80	138.30	68.10	-344.53	467.22	448.72	18.50	25.252		
3,800.00	3,757.67	3,776.53	3,758.01	10.42	9.04	138.32	67.73	-354.98	479.25	460.26	18.99	25.240		
3,900.00	3,856.37	3,875.81	3,856.74	10.72	9.28	138.34	67.36	-365.44	491.28	471.79	19.48	25.215		
4,000.00	3,955.06	3,975.08	3,955.46	11.02	9.52	138.36	67.00	-375.90	503.31	483.32	19.99	25.180		
4,100.00	4,053.75	4,074.35	4,054.18	11.33	9.77	138.38	66.63	-386.35	515.33	494.83	20.50	25.136		
4,200.00	4,152.45	4,173.63	4,152.90	11.64	10.02	138.39	66.27	-396.81	527.36	506.34	21.02	25.084		
4,300.00	4,251.14	4,272.90	4,251.62	11.96	10.27	138.41	65.90	-407.27	539.39	517.84	21.55	25.026		
4,400.00	4,349.84	4,372.18	4,350.34	12.28	10.53	138.43	65.54	-417.72	551.42	529.33	22.09	24.963		
4,500.00	4,448.53	4,471.45	4,449.06	12.61	10.80	138.44	65.17	-428.18	563.45	540.82	22.63	24.896		
4,600.00	4,547.22	4,570.72	4,547.78	12.93	11.06	138.46	64.81	-438.64	575.48	552.30	23.18	24.825		
4,700.00	4,645.92	4,670.00	4,646.50	13.26	11.33	138.47	64.44	-449.09	587.51	563.77	23.74	24.753		
4,800.00	4,744.61	4,769.27	4,745.22	13.60	11.60	138.48	64.08	-459.55	599.54	575.24	24.29	24.678		
4,900.00	4,843.31	4,868.54	4,843.94	13.93	11.87	138.50	63.71	-470.01	611.57	586.71	24.86	24.602		
5,000.00	4,942.00	4,967.82	4,942.66	14.27	12.15	138.51	63.35	-480.46	623.60	598.17	25.43	24.524		
5,100.00	5,040.69	5,067.09	5,041.39	14.61	12.42	138.52	62.98	-490.92	635.63	609.63	26.00	24.447		
5,200.00	5,139.39	5,166.37	5,140.11	14.95	12.70	138.53	62.62	-501.38	647.66	621.08	26.58	24.369		
5,300.00	5,238.08	5,265.64	5,238.83	15.29	12.99	138.54	62.25	-511.83	659.69	632.53	27.16	24.291		
5,400.00	5,336.78	5,364.91	5,337.55	15.64	13.27	138.55	61.89	-522.29	671.71	643.97	27.74	24.213		
5,500.00	5,435.47	5,464.19	5,436.27	15.98	13.55	138.57	61.52	-532.75	683.74	655.42	28.33	24.136		
5,600.00	5,534.16	5,563.46	5,534.99	16.33	13.84	138.58	61.16	-543.20	695.77	666.85	28.92	24.060		
5,700.00	5,632.86	5,662.73	5,633.71	16.68	14.13	138.58	60.79	-553.66	707.80	678.29	29.51	23.984		
5,800.00	5,731.55	5,762.01	5,732.43	17.03	14.41	138.59	60.43	-564.12	719.83	689.73	30.11	23.909		
5,900.00	5,830.25	5,861.28	5,831.15	17.38	14.70	138.60	60.06	-574.57	731.86	701.16	30.71	23.835		
6,000.00	5,928.94	5,960.56	5,929.87	17.74	15.00	138.61	59.70	-585.03	743.89	712.59	31.31	23.762		
6,100.00	6,027.63	6,059.83	6,028.59	18.09	15.29	138.62	59.33	-595.49	755.92	724.01	31.91	23.690		
6,200.00	6,126.33	6,159.10	6,127.31	18.44	15.58	138.63	58.97	-605.94	767.95	735.44	32.51	23.620		
6,300.00	6,225.02	6,258.38	6,226.03	18.80	15.87	138.64	58.60	-616.40	779.98	746.86	33.12	23.550		
6,400.00	6,323.72	6,357.65	6,324.76	19.16	16.17	138.64	58.24	-626.86	792.01	758.28	33.73	23.482		

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	6,422.41	6,456.28	6,422.75	19.52	16.47	138.60	57.87	-637.93	804.05	769.70	34.35	23.410				
6,600.00	6,520.95	6,552.08	6,516.00	19.88	16.85	124.11	57.46	-659.49	816.32	781.23	35.09	23.262				
6,700.00	6,617.12	6,645.91	6,603.19	20.29	17.34	106.61	56.99	-693.92	828.52	792.50	36.02	23.004				
6,800.00	6,708.34	6,738.24	6,683.14	20.81	17.97	98.50	56.48	-739.94	840.23	803.06	37.16	22.609				
6,900.00	6,792.37	6,829.33	6,754.68	21.44	18.74	93.65	55.93	-796.20	851.10	812.52	38.58	22.062				
7,000.00	6,867.14	6,919.40	6,816.82	22.21	19.69	90.36	55.36	-861.30	860.83	820.51	40.32	21.349				
7,100.00	6,930.81	7,008.67	6,868.73	23.15	20.83	88.02	54.78	-933.83	869.14	826.68	42.46	20.468				
7,200.00	6,981.81	7,097.33	6,909.76	24.30	22.19	86.37	54.20	-1,012.34	875.80	830.75	45.05	19.440				
7,300.00	7,018.89	7,185.57	6,939.38	25.69	23.75	85.26	53.63	-1,095.38	880.63	832.53	48.10	18.308				
7,400.00	7,041.12	7,273.54	6,957.20	27.32	25.47	84.65	53.08	-1,181.46	883.49	831.95	51.55	17.140				
7,500.00	7,047.98	7,361.57	6,963.00	29.15	27.31	84.49	52.55	-1,269.23	884.31	829.03	55.29	15.995				
7,600.00	7,047.53	7,461.57	6,962.86	31.13	29.53	84.51	51.97	-1,369.23	884.19	824.53	59.66	14.821				
7,700.00	7,047.07	7,561.57	6,962.73	33.28	31.86	84.53	51.39	-1,469.22	884.06	819.80	64.26	13.757				
7,800.00	7,046.61	7,661.57	6,962.60	35.55	34.29	84.55	50.82	-1,569.22	883.94	814.87	69.07	12.798				
7,900.00	7,046.15	7,761.57	6,962.47	37.92	36.80	84.57	50.24	-1,669.22	883.81	809.78	74.03	11.938				
8,000.00	7,045.70	7,861.57	6,962.34	40.38	39.37	84.59	49.66	-1,769.22	883.69	804.56	79.13	11.168				
8,100.00	7,045.24	7,961.57	6,962.20	42.91	42.00	84.61	49.08	-1,869.21	883.56	799.23	84.33	10.477				
8,200.00	7,044.78	8,061.57	6,962.07	45.49	44.66	84.63	48.50	-1,969.21	883.43	793.81	89.62	9.857				
8,300.00	7,044.32	8,161.57	6,961.94	48.12	47.37	84.65	47.93	-2,069.21	883.31	788.33	94.98	9.300				
8,400.00	7,043.87	8,261.57	6,961.81	50.79	50.10	84.67	47.35	-2,169.21	883.18	782.78	100.41	8.796				
8,500.00	7,043.41	8,361.57	6,961.67	53.49	52.85	84.69	46.77	-2,269.20	883.06	777.17	105.89	8.340				
8,600.00	7,042.95	8,461.57	6,961.54	56.22	55.63	84.71	46.19	-2,369.20	882.93	771.53	111.41	7.925				
8,700.00	7,042.49	8,561.57	6,961.41	58.97	58.42	84.73	45.61	-2,469.20	882.81	765.84	116.97	7.548				
8,800.00	7,042.03	8,661.57	6,961.28	61.74	61.23	84.75	45.04	-2,569.20	882.68	760.13	122.56	7.202				
8,900.00	7,041.58	8,761.57	6,961.14	64.53	64.06	84.77	44.46	-2,669.20	882.56	754.38	128.18	6.885				
9,000.00	7,041.12	8,861.57	6,961.01	67.34	66.89	84.79	43.88	-2,769.19	882.44	748.61	133.82	6.594				
9,100.00	7,040.66	8,961.56	6,960.88	70.15	69.74	84.81	43.30	-2,869.19	882.31	742.82	139.49	6.325				
9,200.00	7,040.20	9,061.56	6,960.75	72.98	72.60	84.83	42.72	-2,969.19	882.19	737.01	145.18	6.077				
9,300.00	7,039.75	9,161.56	6,960.62	75.83	75.46	84.85	42.15	-3,069.19	882.06	731.18	150.88	5.846				
9,400.00	7,039.29	9,261.56	6,960.48	78.67	78.33	84.87	41.57	-3,169.18	881.94	725.33	156.60	5.632				
9,500.00	7,038.83	9,361.56	6,960.35	81.53	81.21	84.89	40.99	-3,269.18	881.81	719.48	162.34	5.432				
9,600.00	7,038.37	9,461.56	6,960.22	84.40	84.09	84.91	40.41	-3,369.18	881.69	713.61	168.08	5.246				
9,700.00	7,037.91	9,561.56	6,960.09	87.27	86.98	84.94	39.83	-3,469.18	881.57	707.72	173.84	5.071				
9,800.00	7,037.46	9,661.56	6,959.95	90.15	89.88	84.96	39.26	-3,569.17	881.44	701.83	179.61	4.908				
9,900.00	7,037.00	9,761.56	6,959.82	93.03	92.77	84.98	38.68	-3,669.17	881.32	695.93	185.39	4.754				
10,000.00	7,036.54	9,861.56	6,959.69	95.92	95.68	85.00	38.10	-3,769.17	881.20	690.02	191.17	4.609				
10,100.00	7,036.08	9,961.56	6,959.56	98.81	98.58	85.02	37.52	-3,869.17	881.07	684.11	196.97	4.473				
10,200.00	7,035.63	10,061.56	6,959.42	101.71	101.49	85.04	36.94	-3,969.16	880.95	678.18	202.77	4.345				
10,300.00	7,035.17	10,161.56	6,959.29	104.61	104.40	85.06	36.37	-4,069.16	880.83	672.25	208.57	4.223				
10,400.00	7,034.71	10,261.56	6,959.16	107.51	107.32	85.08	35.79	-4,169.16	880.70	666.32	214.39	4.108				
10,500.00	7,034.25	10,361.56	6,959.03	110.42	110.23	85.10	35.21	-4,269.16	880.58	660.38	220.20	3.999				
10,600.00	7,033.80	10,461.56	6,958.89	113.33	113.15	85.12	34.63	-4,369.16	880.46	654.43	226.03	3.895				
10,700.00	7,033.34	10,561.56	6,958.76	116.24	116.07	85.14	34.05	-4,469.15	880.34	648.48	231.85	3.797				
10,800.00	7,032.88	10,661.55	6,958.63	119.15	119.00	85.16	33.48	-4,569.15	880.21	642.53	237.69	3.703				
10,900.00	7,032.42	10,761.55	6,958.50	122.07	121.92	85.18	32.90	-4,669.15	880.09	636.57	243.52	3.614				
11,000.00	7,031.96	10,861.55	6,958.37	124.99	124.85	85.20	32.32	-4,769.15	879.97	630.60	249.36	3.529				
11,100.00	7,031.51	10,961.55	6,958.23	127.91	127.78	85.22	31.74	-4,869.14	879.85	624.64	255.21	3.448				
11,200.00	7,031.05	11,061.55	6,958.10	130.84	130.71	85.24	31.16	-4,969.14	879.72	618.67	261.06	3.370				
11,300.00	7,030.59	11,161.55	6,957.97	133.76	133.64	85.26	30.59	-5,069.14	879.60	612.70	266.91	3.296				
11,400.00	7,030.13	11,261.55	6,957.84	136.69	136.57	85.29	30.01	-5,169.14	879.48	606.72	272.76	3.224				
11,500.00	7,029.68	11,361.55	6,957.70	139.62	139.50	85.31	29.43	-5,269.13	879.36	600.74	278.62	3.156				
11,600.00	7,029.22	11,461.55	6,957.57	142.54	142.44	85.33	28.85	-5,369.13	879.24	594.76	284.48	3.091				
11,700.00	7,028.76	11,561.55	6,957.44	145.48	145.37	85.35	28.27	-5,469.13	879.12	588.78	290.34	3.028				
11,800.00	7,028.30	11,661.55	6,957.31	148.41	148.31	85.37	27.70	-5,569.13	878.99	582.79	296.20	2.968				
11,900.00	7,027.84	11,761.55	6,957.17	151.34	151.25	85.39	27.12	-5,669.13	878.87	576.80	302.07	2.910				
12,000.00	7,027.39	11,861.55	6,957.04	154.28	154.19	85.41	26.54	-5,769.12	878.75	570.81	307.94	2.854				
12,100.00	7,026.93	11,961.55	6,956.91	157.21	157.13	85.43	25.96	-5,869.12	878.63	564.82	313.81	2.800				
12,200.00	7,026.47	12,061.55	6,956.78	160.15	160.07	85.45	25.38	-5,969.12	878.51	558.83	319.68	2.748				
12,300.00	7,026.01	12,161.55	6,956.65	163.08	163.01	85.47	24.81	-6,069.12	878.39	552.83	325.56	2.698				
12,400.00	7,025.56	12,261.55	6,956.51	166.02	165.95	85.49	24.23	-6,169.11	878.27	546.84	331.43	2.650				
12,500.00	7,025.10	12,361.55	6,956.38	168.96	168.90	85.51	23.65	-6,269.11	878.15	540.84	337.31	2.603				
12,600.00	7,024.64	12,461.54	6,956.25	171.90	171.84	85.53	23.07	-6,369.11	878.03	534.84	343.19	2.558				
12,700.00	7,024.18	12,561.54	6,956.12	174.84	174.78	85.55	22.49	-6,469.11	877.91	528.84	349.07	2.515				
12,800.00	7,023.73	12,661.54	6,955.98	177.78	177.73	85.57	21.92	-6,569.10	877.79	522.84	354.95	2.473				
12,900.00	7,023.27	12,761.54	6,955.85	180.73	180.67	85.59	21.34	-6,669.10	877.67	516.83	360.84	2.432				
13,000.00	7,022.81	12,861.54	6,955.72	183.67	183.62	85.62	20.76	-6,769.10	877.55	510.83	366.72	2.393				

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
13,100.00	7,022.35	12,961.54	6,955.59	186.61	186.56	85.64	20.18	-6,869.10	877.43	504.82	372.61	2.355		
13,200.00	7,021.89	13,061.54	6,955.45	189.55	189.51	85.66	19.60	-6,969.09	877.31	498.81	378.50	2.318		
13,300.00	7,021.44	13,161.54	6,955.32	192.50	192.46	85.68	19.03	-7,069.09	877.19	492.80	384.38	2.282		
13,400.00	7,020.98	13,261.54	6,955.19	195.44	195.41	85.70	18.45	-7,169.09	877.07	486.79	390.27	2.247		
13,500.00	7,020.52	13,361.54	6,955.06	198.39	198.35	85.72	17.87	-7,269.09	876.95	480.78	396.17	2.214		
13,600.00	7,020.06	13,461.54	6,954.93	201.34	201.30	85.74	17.29	-7,369.09	876.83	474.77	402.06	2.181		
13,700.00	7,019.61	13,561.54	6,954.79	204.28	204.25	85.76	16.71	-7,469.08	876.71	468.76	407.95	2.149		
13,800.00	7,019.15	13,661.54	6,954.66	207.23	207.20	85.78	16.14	-7,569.08	876.59	462.75	413.85	2.118		
13,900.00	7,018.69	13,761.54	6,954.53	210.18	210.15	85.80	15.56	-7,669.08	876.47	456.73	419.74	2.088		
14,000.00	7,018.23	13,861.54	6,954.40	213.12	213.10	85.82	14.98	-7,769.08	876.35	450.72	425.64	2.059		
14,100.00	7,017.77	13,961.54	6,954.26	216.07	216.05	85.84	14.40	-7,869.07	876.24	444.70	431.53	2.031		
14,200.00	7,017.32	14,061.54	6,954.13	219.02	219.00	85.86	13.82	-7,969.07	876.12	438.69	437.43	2.003		
14,300.00	7,016.86	14,161.53	6,954.00	221.97	221.95	85.89	13.25	-8,069.07	876.00	432.67	443.33	1.976		
14,400.00	7,016.40	14,261.53	6,953.87	224.92	224.90	85.91	12.67	-8,169.07	875.88	426.65	449.23	1.950		
14,500.00	7,015.94	14,361.53	6,953.73	227.87	227.85	85.93	12.09	-8,269.06	875.76	420.63	455.13	1.924		
14,600.00	7,015.49	14,461.53	6,953.60	230.82	230.80	85.95	11.51	-8,369.06	875.64	414.61	461.03	1.899		
14,700.00	7,015.03	14,561.53	6,953.47	233.77	233.76	85.97	10.93	-8,469.06	875.53	408.59	466.93	1.875		
14,800.00	7,014.57	14,661.53	6,953.34	236.72	236.71	85.99	10.36	-8,569.06	875.41	402.57	472.84	1.851		
14,900.00	7,014.11	14,761.53	6,953.21	239.67	239.66	86.01	9.78	-8,669.06	875.29	396.55	478.74	1.828		
15,000.00	7,013.65	14,861.53	6,953.07	242.62	242.61	86.03	9.20	-8,769.05	875.17	390.53	484.64	1.806		
15,100.00	7,013.20	14,961.53	6,952.94	245.57	245.57	86.05	8.62	-8,869.05	875.06	384.51	490.55	1.784		
15,200.00	7,012.74	15,061.53	6,952.81	248.52	248.52	86.07	8.04	-8,969.05	874.94	378.49	496.45	1.762		
15,300.00	7,012.28	15,161.53	6,952.68	251.47	251.47	86.09	7.47	-9,069.05	874.82	372.46	502.36	1.741		
15,400.00	7,011.82	15,261.53	6,952.54	254.43	254.42	86.11	6.89	-9,169.04	874.70	366.44	508.26	1.721		
15,500.00	7,011.37	15,361.53	6,952.41	257.38	257.38	86.14	6.31	-9,269.04	874.59	360.41	514.17	1.701		
15,600.00	7,010.91	15,461.53	6,952.28	260.33	260.33	86.16	5.73	-9,369.04	874.47	354.39	520.08	1.681		
15,700.00	7,010.45	15,561.53	6,952.15	263.28	263.29	86.18	5.15	-9,469.04	874.35	348.36	525.99	1.662		
15,800.00	7,009.99	15,661.53	6,952.01	266.24	266.24	86.20	4.58	-9,569.03	874.24	342.34	531.90	1.644		
15,900.00	7,009.54	15,761.53	6,951.88	269.19	269.19	86.22	4.00	-9,669.03	874.12	336.31	537.81	1.625		
16,000.00	7,009.08	15,861.52	6,951.75	272.14	272.15	86.24	3.42	-9,769.03	874.00	330.29	543.72	1.607		
16,100.00	7,008.62	15,961.52	6,951.62	275.09	275.10	86.26	2.84	-9,869.03	873.89	324.26	549.63	1.590		
16,200.00	7,008.16	16,061.52	6,951.49	278.05	278.06	86.28	2.26	-9,969.02	873.77	318.23	555.54	1.573		
16,300.00	7,007.70	16,161.52	6,951.35	281.00	281.01	86.30	1.69	-10,069.02	873.65	312.21	561.45	1.556		
16,400.00	7,007.25	16,261.52	6,951.22	283.96	283.97	86.32	1.11	-10,169.02	873.54	306.18	567.36	1.540		
16,500.00	7,006.79	16,361.52	6,951.09	286.91	286.92	86.34	0.53	-10,269.02	873.42	300.15	573.27	1.524		
16,600.00	7,006.33	16,461.52	6,950.96	289.86	289.88	86.36	-0.05	-10,369.02	873.31	294.12	579.18	1.508		
16,700.00	7,005.87	16,561.52	6,950.82	292.82	292.83	86.39	-0.63	-10,469.01	873.19	288.09	585.10	1.492 Level 3		
16,800.00	7,005.42	16,661.52	6,950.69	295.77	295.79	86.41	-1.20	-10,569.01	873.07	282.06	591.01	1.477 Level 3		
16,900.00	7,004.96	16,761.52	6,950.56	298.73	298.74	86.43	-1.78	-10,669.01	872.96	276.04	596.92	1.462 Level 3		
17,000.00	7,004.50	16,861.52	6,950.43	301.68	301.70	86.45	-2.36	-10,769.01	872.84	270.01	602.84	1.448 Level 3		
17,100.00	7,004.04	16,961.52	6,950.29	304.64	304.66	86.47	-2.94	-10,869.00	872.73	263.98	608.75	1.434 Level 3		
17,200.00	7,003.58	17,061.52	6,950.16	307.59	307.61	86.49	-3.52	-10,969.00	872.61	257.95	614.67	1.420 Level 3		
17,300.00	7,003.13	17,161.52	6,950.03	310.55	310.57	86.51	-4.09	-11,069.00	872.50	251.92	620.58	1.406 Level 3		
17,327.69	7,003.00	17,189.21	6,949.99	311.37	311.39	86.52	-4.25	-11,096.69	872.47	250.25	622.22	1.402 Level 3, SF		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.48	100.18	0.84	100.18						
100.00	100.00	100.00	100.00	3.28	3.28	0.48	100.18	0.84	100.18	92.65	7.53	13.309			
200.00	200.00	200.00	200.00	3.30	3.30	0.48	100.18	0.84	100.18	92.61	7.57	13.236	CC		
200.00	200.00	200.00	200.00	3.30	3.30	0.48	100.18	0.84	100.18	92.61	7.57	13.236	ES		
300.00	300.00	299.60	299.59	3.34	3.34	140.69	100.28	0.42	100.62	92.97	7.65	13.151			
400.00	399.93	398.69	398.62	3.40	3.41	140.02	101.10	-2.91	104.13	96.36	7.77	13.405			
500.00	499.68	497.48	497.17	3.48	3.49	138.79	102.73	-9.54	111.17	103.24	7.93	14.013			
600.00	599.13	603.76	595.42	3.59	3.61	137.32	105.10	-19.21	121.71	113.55	8.16	14.916			
700.00	698.15	704.66	693.96	3.73	3.75	136.79	107.63	-29.52	135.02	126.58	8.43	16.009			
800.00	796.85	805.78	792.27	3.90	3.91	137.05	110.16	-39.80	149.90	141.15	8.75	17.124			
900.00	895.54	893.10	890.58	4.11	4.06	137.30	112.69	-50.09	164.81	155.73	9.08	18.142			
1,000.00	994.24	1,008.02	988.89	4.33	4.29	137.51	115.21	-60.38	179.72	170.22	9.50	18.913			
1,100.00	1,092.93	1,109.14	1,087.20	4.58	4.50	137.68	117.74	-70.67	194.64	184.71	9.93	19.608			
1,200.00	1,191.63	1,189.74	1,185.51	4.85	4.68	137.83	120.27	-80.95	209.56	199.23	10.33	20.285			
1,300.00	1,290.32	1,288.62	1,283.82	5.13	4.90	137.96	122.79	-91.24	224.47	213.68	10.80	20.790			
1,400.00	1,389.01	1,387.50	1,382.14	5.42	5.14	138.07	125.32	-101.53	239.39	228.11	11.28	21.216			
1,500.00	1,487.71	1,486.38	1,480.45	5.72	5.39	138.17	127.85	-111.82	254.31	242.52	11.79	21.574			
1,600.00	1,586.40	1,585.26	1,578.76	6.03	5.64	138.26	130.37	-122.10	269.23	256.93	12.31	21.877			
1,700.00	1,685.10	1,684.14	1,677.07	6.35	5.90	138.34	132.90	-132.39	284.15	271.32	12.84	22.133			
1,800.00	1,783.79	1,783.02	1,775.38	6.53	6.06	138.41	135.43	-142.68	299.08	286.31	12.77	23.425			
1,900.00	1,882.49	1,881.90	1,873.69	6.57	6.10	138.48	137.96	-152.97	314.00	301.16	12.84	24.453			
2,000.00	1,981.18	1,980.78	1,972.00	6.63	6.14	138.54	140.48	-163.25	328.92	315.99	12.93	25.445			
2,100.00	2,079.87	2,079.66	2,070.31	6.72	6.20	138.59	143.01	-173.54	343.84	330.80	13.05	26.357			
2,200.00	2,178.57	2,178.54	2,168.62	6.82	6.27	138.64	145.54	-183.83	358.76	345.57	13.20	27.185			
2,300.00	2,277.26	2,277.42	2,266.93	6.95	6.36	138.69	148.06	-194.12	373.69	360.31	13.38	27.928			
2,400.00	2,375.96	2,376.30	2,365.24	7.09	6.46	138.73	150.59	-204.40	388.61	375.02	13.59	28.588			
2,500.00	2,474.65	2,475.18	2,463.55	7.25	6.57	138.77	153.12	-214.69	403.53	389.70	13.84	29.166			
2,600.00	2,573.34	2,574.06	2,561.86	7.42	6.70	138.81	155.64	-224.98	418.46	404.35	14.10	29.668			
2,700.00	2,672.04	2,672.94	2,660.18	7.61	6.84	138.84	158.17	-235.27	433.38	418.98	14.40	30.098			
2,800.00	2,770.73	2,771.82	2,758.49	7.82	6.99	138.87	160.70	-245.55	448.31	433.59	14.72	30.461			
2,900.00	2,869.43	2,870.70	2,856.80	8.03	7.15	138.90	163.22	-255.84	463.23	448.17	15.06	30.763			
3,000.00	2,968.12	2,969.58	2,955.11	8.26	7.32	138.93	165.75	-266.13	478.15	462.73	15.42	31.009			
3,100.00	3,066.81	3,068.46	3,053.42	8.50	7.51	138.95	168.28	-276.41	493.08	477.28	15.80	31.207			
3,200.00	3,165.51	3,167.34	3,151.73	8.75	7.70	138.98	170.80	-286.70	508.00	491.80	16.20	31.360			
3,300.00	3,264.20	3,266.22	3,250.04	9.01	7.90	139.00	173.33	-296.99	522.93	506.31	16.61	31.474			
3,400.00	3,362.90	3,365.10	3,348.35	9.28	8.10	139.02	175.86	-307.28	537.85	520.81	17.05	31.555			
3,500.00	3,461.59	3,463.98	3,446.66	9.55	8.31	139.04	178.38	-317.56	552.78	535.29	17.49	31.606			
3,600.00	3,560.28	3,562.86	3,544.97	9.84	8.53	139.06	180.91	-327.85	567.70	549.75	17.95	31.631			
3,700.00	3,658.98	3,661.74	3,643.28	10.12	8.76	139.08	183.44	-338.14	582.62	564.21	18.42	31.634			
3,800.00	3,757.67	3,760.62	3,741.59	10.42	8.99	139.10	185.96	-348.43	597.55	578.65	18.90	31.619			
3,900.00	3,856.37	3,859.50	3,839.90	10.72	9.23	139.12	188.49	-358.71	612.47	593.08	19.39	31.587			
4,000.00	3,955.06	3,958.38	3,938.22	11.02	9.47	139.13	191.02	-369.00	627.40	607.51	19.89	31.543			
4,100.00	4,053.75	4,057.26	4,036.53	11.33	9.71	139.15	193.55	-379.29	642.32	621.92	20.40	31.486			
4,200.00	4,152.45	4,156.14	4,134.84	11.64	9.96	139.16	196.07	-389.58	657.25	636.33	20.92	31.421			
4,300.00	4,251.14	4,255.02	4,233.15	11.96	10.21	139.17	198.60	-399.86	672.17	650.73	21.44	31.347			
4,400.00	4,349.84	4,353.90	4,331.46	12.28	10.47	139.19	201.13	-410.15	687.10	665.12	21.98	31.267			
4,500.00	4,448.53	4,452.78	4,429.77	12.61	10.73	139.20	203.65	-420.44	702.02	679.51	22.51	31.182			
4,600.00	4,547.22	4,551.66	4,528.08	12.93	10.99	139.21	206.18	-430.73	716.95	693.89	23.06	31.093			
4,700.00	4,645.92	4,650.54	4,626.39	13.26	11.26	139.22	208.71	-441.01	731.87	708.26	23.61	31.000			
4,800.00	4,744.61	4,749.42	4,724.70	13.60	11.52	139.24	211.23	-451.30	746.80	722.63	24.16	30.905			
4,900.00	4,843.31	4,848.30	4,823.01	13.93	11.79	139.25	213.76	-461.59	761.72	737.00	24.72	30.809			
5,000.00	4,942.00	4,947.18	4,921.32	14.27	12.07	139.26	216.29	-471.88	776.65	751.36	25.29	30.711			
5,100.00	5,040.69	5,046.06	5,019.63	14.61	12.34	139.27	218.81	-482.16	791.57	765.72	25.86	30.612			
5,200.00	5,139.39	5,144.94	5,117.94	14.95	12.62	139.28	221.34	-492.45	806.50	780.07	26.43	30.513			
5,300.00	5,238.08	5,243.82	5,216.26	15.29	12.90	139.29	223.87	-502.74	821.42	794.42	27.01	30.415			
5,400.00	5,336.78	5,342.70	5,314.57	15.64	13.18	139.29	226.39	-513.02	836.35	808.76	27.59	30.316			
5,500.00	5,435.47	5,441.58	5,412.88	15.98	13.46	139.30	228.92	-523.31	851.28	823.10	28.17	30.218			
5,600.00	5,534.16	5,540.46	5,511.19	16.33	13.74	139.31	231.45	-533.60	866.20	837.44	28.76	30.121			
5,700.00	5,632.86	5,639.34	5,609.50	16.68	14.03	139.32	233.97	-543.89	881.13	851.78	29.35	30.025			
5,800.00	5,731.55	5,738.22	5,707.81	17.03	14.31	139.33	236.50	-554.17	896.05	866.11	29.94	29.930			
5,900.00	5,830.25	5,837.10	5,806.12	17.38	14.60	139.33	239.03	-564.46	910.98	880.44	30.53	29.836			
6,000.00	5,928.94	5,935.97	5,904.43	17.74	14.89	139.34	241.55	-574.75	925.90	894.77	31.13	29.744			
6,100.00	6,027.63	6,034.85	6,002.74	18.09	15.18	139.35	244.08	-585.04	940.83	909.10	31.73	29.652			
6,200.00	6,126.33	6,133.73	6,101.05	18.44	15.47	139.36	246.61	-595.32	955.75	923.42	32.33	29.563			
6,300.00	6,225.02	6,232.61	6,199.36	18.80	15.76	139.36	249.14	-605.61	970.68	937.74	32.93	29.474			
6,400.00	6,323.72	6,331.49	6,297.67	19.16	16.05	139.37	251.66	-615.90	985.60	952.07	33.54	29.388			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference				Offset				Semi Major Axis			Distance			Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,422.41	6,430.37	6,395.98	19.52	16.35	139.37	254.19	-626.19	1,000.53	966.38	34.14	29.302		
6,600.00	6,520.95	6,529.16	6,494.14	19.88	16.65	125.56	256.71	-637.02	1,015.43	980.67	34.76	29.211		
6,700.00	6,617.12	6,627.95	6,590.34	20.29	17.04	108.80	259.13	-658.90	1,029.99	994.46	35.52	28.994		
6,800.00	6,708.34	6,727.24	6,682.46	20.81	17.56	101.36	261.38	-695.62	1,043.82	1,007.29	36.53	28.573		
6,900.00	6,792.37	6,827.10	6,768.22	21.44	18.24	97.08	263.41	-746.53	1,056.59	1,018.76	37.84	27.924		
7,000.00	6,867.14	6,927.59	6,845.43	22.21	19.13	94.28	265.16	-810.66	1,067.99	1,028.46	39.53	27.020		
7,100.00	6,930.81	7,028.72	6,911.99	23.15	20.26	92.34	266.57	-886.64	1,077.72	1,036.03	41.69	25.848		
7,200.00	6,981.81	7,130.45	6,965.98	24.30	21.67	91.00	267.62	-972.73	1,085.56	1,041.14	44.42	24.438		
7,300.00	7,018.89	7,232.70	7,005.75	25.69	23.37	90.11	268.26	-1,066.81	1,091.29	1,043.57	47.72	22.867		
7,400.00	7,041.12	7,335.38	7,030.03	27.32	25.33	89.61	268.47	-1,166.46	1,094.79	1,043.25	51.54	21.242		
7,500.00	7,047.98	7,438.32	7,038.00	29.15	27.46	89.48	268.24	-1,268.97	1,095.95	1,040.24	55.72	19.670		
7,600.00	7,047.53	7,538.30	7,037.75	31.13	29.68	89.49	267.81	-1,368.96	1,096.00	1,035.90	60.10	18.235		
7,700.00	7,047.07	7,638.30	7,037.49	33.28	32.01	89.50	267.38	-1,468.96	1,096.05	1,031.33	64.73	16.934		
7,800.00	7,046.61	7,738.30	7,037.24	35.55	34.43	89.51	266.95	-1,568.96	1,096.10	1,026.55	69.55	15.760		
7,900.00	7,046.15	7,838.30	7,036.99	37.92	36.93	89.52	266.51	-1,668.95	1,096.15	1,021.62	74.53	14.707		
8,000.00	7,045.70	7,938.30	7,036.73	40.38	39.50	89.53	266.08	-1,768.95	1,096.20	1,016.56	79.64	13.764		
8,100.00	7,045.24	8,038.30	7,036.48	42.91	42.12	89.54	265.65	-1,868.95	1,096.25	1,011.39	84.86	12.918		
8,200.00	7,044.78	8,138.30	7,036.22	45.49	44.78	89.55	265.22	-1,968.95	1,096.30	1,006.13	90.17	12.158		
8,300.00	7,044.32	8,238.30	7,035.97	48.12	47.47	89.56	264.79	-2,068.95	1,096.35	1,000.80	95.55	11.474		
8,400.00	7,043.87	8,338.30	7,035.71	50.79	50.20	89.57	264.36	-2,168.95	1,096.40	995.41	100.99	10.856		
8,500.00	7,043.41	8,438.30	7,035.46	53.49	52.95	89.58	263.92	-2,268.95	1,096.45	989.96	106.48	10.297		
8,600.00	7,042.95	8,538.30	7,035.20	56.22	55.73	89.60	263.49	-2,368.94	1,096.50	984.47	112.02	9.788		
8,700.00	7,042.49	8,638.30	7,034.95	58.97	58.52	89.61	263.06	-2,468.94	1,096.54	978.95	117.60	9.325		
8,800.00	7,042.03	8,738.30	7,034.69	61.74	61.33	89.62	262.63	-2,568.94	1,096.59	973.39	123.21	8.901		
8,900.00	7,041.58	8,838.30	7,034.44	64.53	64.15	89.63	262.20	-2,668.94	1,096.64	967.80	128.84	8.512		
9,000.00	7,041.12	8,938.30	7,034.19	67.34	66.98	89.64	261.76	-2,768.94	1,096.69	962.19	134.50	8.154		
9,100.00	7,040.66	9,038.30	7,033.93	70.15	69.83	89.65	261.33	-2,868.94	1,096.74	956.56	140.19	7.823		
9,200.00	7,040.20	9,138.30	7,033.68	72.98	72.68	89.66	260.90	-2,968.94	1,096.79	950.90	145.89	7.518		
9,300.00	7,039.75	9,238.30	7,033.42	75.83	75.55	89.67	260.47	-3,068.93	1,096.84	945.23	151.61	7.235		
9,400.00	7,039.29	9,338.30	7,033.17	78.67	78.42	89.68	260.04	-3,168.93	1,096.89	939.55	157.34	6.971		
9,500.00	7,038.83	9,438.30	7,032.91	81.53	81.29	89.69	259.60	-3,268.93	1,096.94	933.85	163.09	6.726		
9,600.00	7,038.37	9,538.30	7,032.66	84.40	84.17	89.70	259.17	-3,368.93	1,096.99	928.14	168.85	6.497		
9,700.00	7,037.91	9,638.30	7,032.40	87.27	87.06	89.71	258.74	-3,468.93	1,097.04	922.42	174.62	6.282		
9,800.00	7,037.46	9,738.30	7,032.15	90.15	89.95	89.72	258.31	-3,568.93	1,097.09	916.68	180.41	6.081		
9,900.00	7,037.00	9,838.30	7,031.89	93.03	92.85	89.73	257.88	-3,668.93	1,097.14	910.94	186.20	5.892		
10,000.00	7,036.54	9,938.30	7,031.64	95.92	95.75	89.74	257.44	-3,768.92	1,097.19	905.19	191.99	5.715		
10,100.00	7,036.08	10,038.30	7,031.39	98.81	98.66	89.75	257.01	-3,868.92	1,097.24	899.44	197.80	5.547		
10,200.00	7,035.63	10,138.30	7,031.13	101.71	101.56	89.77	256.58	-3,968.92	1,097.29	893.68	203.61	5.389		
10,300.00	7,035.17	10,238.30	7,030.88	104.61	104.48	89.78	256.15	-4,068.92	1,097.34	887.91	209.43	5.240		
10,400.00	7,034.71	10,338.30	7,030.62	107.51	107.39	89.79	255.72	-4,168.92	1,097.39	882.13	215.26	5.098		
10,500.00	7,034.25	10,438.30	7,030.37	110.42	110.31	89.80	255.28	-4,268.92	1,097.44	876.35	221.09	4.964		
10,600.00	7,033.80	10,538.30	7,030.11	113.33	113.22	89.81	254.85	-4,368.92	1,097.49	870.57	226.92	4.836		
10,700.00	7,033.34	10,638.30	7,029.86	116.24	116.15	89.82	254.42	-4,468.91	1,097.54	864.78	232.76	4.715		
10,800.00	7,032.88	10,738.30	7,029.60	119.15	119.07	89.83	253.99	-4,568.91	1,097.59	858.98	238.61	4.600		
10,900.00	7,032.42	10,838.30	7,029.35	122.07	121.99	89.84	253.56	-4,668.91	1,097.64	853.19	244.45	4.490		
11,000.00	7,031.96	10,938.29	7,029.09	124.99	124.92	89.85	253.12	-4,768.91	1,097.69	847.38	250.31	4.385		
11,100.00	7,031.51	11,038.29	7,028.84	127.91	127.85	89.86	252.69	-4,868.91	1,097.74	841.58	256.16	4.285		
11,200.00	7,031.05	11,138.29	7,028.59	130.84	130.78	89.87	252.26	-4,968.91	1,097.79	835.77	262.02	4.190		
11,300.00	7,030.59	11,238.29	7,028.33	133.76	133.71	89.88	251.83	-5,068.90	1,097.84	829.96	267.88	4.098		
11,400.00	7,030.13	11,338.29	7,028.08	136.69	136.64	89.89	251.40	-5,168.90	1,097.89	824.15	273.74	4.011		
11,500.00	7,029.68	11,438.29	7,027.82	139.62	139.57	89.90	250.96	-5,268.90	1,097.94	818.33	279.61	3.927		
11,600.00	7,029.22	11,538.29	7,027.57	142.54	142.51	89.91	250.53	-5,368.90	1,097.99	812.52	285.48	3.846		
11,700.00	7,028.76	11,638.29	7,027.31	145.48	145.45	89.92	250.10	-5,468.90	1,098.04	806.70	291.35	3.769		
11,800.00	7,028.30	11,738.29	7,027.06	148.41	148.38	89.93	249.67	-5,568.90	1,098.09	800.87	297.22	3.695		
11,900.00	7,027.84	11,838.29	7,026.80	151.34	151.32	89.95	249.24	-5,668.90	1,098.14	795.05	303.09	3.623		
12,000.00	7,027.39	11,938.29	7,026.55	154.28	154.26	89.96	248.81	-5,768.89	1,098.19	789.22	308.97	3.554		
12,100.00	7,026.93	12,038.29	7,026.29	157.21	157.20	89.97	248.37	-5,868.89	1,098.24	783.40	314.85	3.488		
12,200.00	7,026.47	12,138.29	7,026.04	160.15	160.14	89.98	247.94	-5,968.89	1,098.30	777.57	320.73	3.424		
12,300.00	7,026.01	12,238.29	7,025.79	163.08	163.08	89.99	247.51	-6,068.89	1,098.35	771.74	326.61	3.363		
12,400.00	7,025.56	12,338.29	7,025.53	166.02	166.02	90.00	247.08	-6,168.89	1,098.40	765.90	332.49	3.304		
12,500.00	7,025.10	12,438.29	7,025.28	168.96	168.97	90.01	246.65	-6,268.89	1,098.45	760.07	338.38	3.246		
12,600.00	7,024.64	12,538.29	7,025.02	171.90	171.91	90.02	246.21	-6,368.89	1,098.50	754.23	344.26	3.191		
12,700.00	7,024.18	12,638.29	7,024.77	174.84	174.85	90.03	245.78	-6,468.88	1,098.55	748.40	350.15	3.137		
12,800.00	7,023.73	12,738.29	7,024.51	177.78	177.80	90.04	245.35	-6,568.88	1,098.60	742.56	356.04	3.086		
12,900.00	7,023.27	12,838.29	7,024.26	180.73	180.74	90.05	244.92	-6,668.88	1,098.65	736.72	361.93	3.036		
13,000.00	7,022.81	12,938.29	7,024.00	183.67	183.69	90.06	244.49	-6,768.88	1,098.70	730.88	367.82	2.987		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
13,100.00	7,022.35	13,038.29	7,023.75	186.61	186.64	90.07	244.05	-6,868.88	1,098.75	725.04	373.71	2.940		
13,200.00	7,021.89	13,138.29	7,023.49	189.55	189.58	90.08	243.62	-6,968.88	1,098.80	719.20	379.60	2.895		
13,300.00	7,021.44	13,238.29	7,023.24	192.50	192.53	90.09	243.19	-7,068.88	1,098.86	713.36	385.50	2.850		
13,400.00	7,020.98	13,338.29	7,022.99	195.44	195.48	90.10	242.76	-7,168.87	1,098.91	707.52	391.39	2.808		
13,500.00	7,020.52	13,438.29	7,022.73	198.39	198.43	90.12	242.33	-7,268.87	1,098.96	701.67	397.29	2.766		
13,600.00	7,020.06	13,538.29	7,022.48	201.34	201.37	90.13	241.89	-7,368.87	1,099.01	695.83	403.18	2.726		
13,700.00	7,019.61	13,638.29	7,022.22	204.28	204.32	90.14	241.46	-7,468.87	1,099.06	689.98	409.08	2.687		
13,800.00	7,019.15	13,738.29	7,021.97	207.23	207.27	90.15	241.03	-7,568.87	1,099.11	684.13	414.98	2.649		
13,900.00	7,018.69	13,838.29	7,021.71	210.18	210.22	90.16	240.60	-7,668.87	1,099.16	678.29	420.87	2.612		
14,000.00	7,018.23	13,938.29	7,021.46	213.12	213.17	90.17	240.17	-7,768.86	1,099.21	672.44	426.77	2.576		
14,100.00	7,017.77	14,038.29	7,021.20	216.07	216.12	90.18	239.73	-7,868.86	1,099.27	666.59	432.67	2.541		
14,200.00	7,017.32	14,138.29	7,020.95	219.02	219.07	90.19	239.30	-7,968.86	1,099.32	660.74	438.57	2.507		
14,300.00	7,016.86	14,238.29	7,020.69	221.97	222.02	90.20	238.87	-8,068.86	1,099.37	654.89	444.47	2.473		
14,400.00	7,016.40	14,338.29	7,020.44	224.92	224.97	90.21	238.44	-8,168.86	1,099.42	649.04	450.38	2.441		
14,500.00	7,015.94	14,438.29	7,020.19	227.87	227.93	90.22	238.01	-8,268.86	1,099.47	643.19	456.28	2.410		
14,600.00	7,015.49	14,538.29	7,019.93	230.82	230.88	90.23	237.57	-8,368.86	1,099.52	637.34	462.18	2.379		
14,700.00	7,015.03	14,638.29	7,019.68	233.77	233.83	90.24	237.14	-8,468.85	1,099.57	631.49	468.08	2.349		
14,800.00	7,014.57	14,738.29	7,019.42	236.72	236.78	90.25	236.71	-8,568.85	1,099.63	625.64	473.99	2.320		
14,900.00	7,014.11	14,838.29	7,019.17	239.67	239.73	90.26	236.28	-8,668.85	1,099.68	619.79	479.89	2.292		
15,000.00	7,013.65	14,938.29	7,018.91	242.62	242.69	90.27	235.85	-8,768.85	1,099.73	613.93	485.80	2.264		
15,100.00	7,013.20	15,038.29	7,018.66	245.57	245.64	90.28	235.42	-8,868.85	1,099.78	608.08	491.70	2.237		
15,200.00	7,012.74	15,138.29	7,018.40	248.52	248.59	90.29	234.98	-8,968.85	1,099.83	602.23	497.61	2.210		
15,300.00	7,012.28	15,238.29	7,018.15	251.47	251.55	90.31	234.55	-9,068.85	1,099.88	596.37	503.51	2.184		
15,400.00	7,011.82	15,338.29	7,017.89	254.43	254.50	90.32	234.12	-9,168.84	1,099.94	590.52	509.42	2.159		
15,500.00	7,011.37	15,438.29	7,017.64	257.38	257.45	90.33	233.69	-9,268.84	1,099.99	584.67	515.32	2.135		
15,600.00	7,010.91	15,538.28	7,017.39	260.33	260.41	90.34	233.26	-9,368.84	1,100.04	578.81	521.23	2.110		
15,700.00	7,010.45	15,638.28	7,017.13	263.28	263.36	90.35	232.82	-9,468.84	1,100.09	572.96	527.14	2.087		
15,800.00	7,009.99	15,738.28	7,016.88	266.24	266.32	90.36	232.39	-9,568.84	1,100.14	567.10	533.04	2.064		
15,900.00	7,009.54	15,838.28	7,016.62	269.19	269.27	90.37	231.96	-9,668.84	1,100.20	561.24	538.95	2.041		
16,000.00	7,009.08	15,938.28	7,016.37	272.14	272.23	90.38	231.53	-9,768.84	1,100.25	555.39	544.86	2.019		
16,100.00	7,008.62	16,038.28	7,016.11	275.09	275.18	90.39	231.10	-9,868.83	1,100.30	549.53	550.77	1.998		
16,200.00	7,008.16	16,138.28	7,015.86	278.05	278.14	90.40	230.66	-9,968.83	1,100.35	543.68	556.68	1.977		
16,300.00	7,007.70	16,238.28	7,015.60	281.00	281.09	90.41	230.23	-10,068.83	1,100.40	537.82	562.59	1.956		
16,400.00	7,007.25	16,338.28	7,015.35	283.96	284.05	90.42	229.80	-10,168.83	1,100.46	531.96	568.49	1.936		
16,500.00	7,006.79	16,438.28	7,015.09	286.91	287.00	90.43	229.37	-10,268.83	1,100.51	526.11	574.40	1.916		
16,600.00	7,006.33	16,538.28	7,014.84	289.86	289.96	90.44	228.94	-10,368.83	1,100.56	520.25	580.31	1.896		
16,700.00	7,005.87	16,638.28	7,014.59	292.82	292.91	90.45	228.50	-10,468.83	1,100.61	514.39	586.22	1.877		
16,800.00	7,005.42	16,738.28	7,014.33	295.77	295.87	90.46	228.07	-10,568.82	1,100.67	508.53	592.13	1.859		
16,900.00	7,004.96	16,838.28	7,014.08	298.73	298.82	90.47	227.64	-10,668.82	1,100.72	502.68	598.04	1.841		
17,000.00	7,004.50	16,938.28	7,013.82	301.68	301.78	90.49	227.21	-10,768.82	1,100.77	496.82	603.95	1.823		
17,100.00	7,004.04	17,038.28	7,013.57	304.64	304.74	90.50	226.78	-10,868.82	1,100.82	490.96	609.86	1.805		
17,200.00	7,003.58	17,138.28	7,013.31	307.59	307.69	90.51	226.34	-10,968.82	1,100.88	485.10	615.78	1.788		
17,300.00	7,003.13	17,238.28	7,013.06	310.55	310.65	90.52	225.91	-11,068.82	1,100.93	479.24	621.69	1.771		
17,327.69	7,003.00	17,265.97	7,012.99	311.37	311.47	90.52	225.79	-11,096.51	1,100.94	477.62	623.32	1.766 SF		

Offset Design													5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference				Offset			Semi Major Axis			Distance			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	0.00	0.00	3.28	3.28	180.00	-20.03	0.00	20.03						
100.00	100.00	100.00	100.00	3.28	3.28	180.00	-20.03	0.00	20.03	12.51	7.53	2.661			
200.00	200.00	200.00	200.00	3.30	3.30	180.00	-20.03	0.00	20.03	12.46	7.57	2.647			
283.84	283.84	283.65	283.65	3.34	3.34	-40.52	-20.20	-0.11	19.73	12.10	7.63	2.584 CC			
300.00	300.00	299.71	299.71	3.34	3.34	-39.82	-20.39	-0.23	20.06	12.41	7.65	2.623			
400.00	399.93	399.12	399.06	3.40	3.40	-40.80	-23.29	-2.10	20.30	12.54	7.75	2.618			
500.00	499.68	498.53	498.22	3.48	3.48	-42.69	-29.09	-5.84	20.78	12.89	7.90	2.631			
600.00	599.13	597.94	597.09	3.59	3.58	-45.35	-37.77	-11.43	21.55	13.46	8.09	2.664			
700.00	698.15	697.34	695.53	3.73	3.72	-48.60	-49.33	-18.88	22.64	14.31	8.34	2.716			
800.00	796.85	803.23	793.46	3.90	3.91	-49.90	-63.75	-28.17	24.91	16.26	8.65	2.878			
900.00	895.54	903.29	891.65	4.11	4.13	-49.03	-79.42	-38.27	28.20	19.18	9.02	3.126			
1,000.00	994.24	1,003.34	989.84	4.33	4.37	-48.34	-95.09	-48.37	31.50	22.07	9.43	3.340			
1,100.00	1,092.93	1,103.40	1,088.03	4.58	4.64	-47.78	-110.76	-58.47	34.81	24.93	9.88	3.524			
1,200.00	1,191.63	1,196.55	1,186.22	4.85	4.90	-47.31	-126.43	-68.57	38.12	27.78	10.34	3.687			
1,300.00	1,290.32	1,303.51	1,284.41	5.13	5.23	-46.92	-142.10	-78.66	41.42	30.57	10.86	3.816			
1,400.00	1,389.01	1,403.56	1,382.60	5.42	5.54	-46.59	-157.77	-88.76	44.73	33.36	11.38	3.932			
1,500.00	1,487.71	1,503.62	1,480.79	5.72	5.87	-46.31	-173.44	-98.86	48.05	36.13	11.92	4.031			
1,600.00	1,586.40	1,603.67	1,578.99	6.03	6.21	-46.06	-189.11	-108.96	51.36	38.88	12.48	4.116			
1,700.00	1,685.10	1,703.73	1,677.18	6.35	6.54	-45.84	-204.78	-119.06	54.67	41.63	13.04	4.192			
1,800.00	1,783.79	1,803.78	1,775.37	6.53	6.73	-45.65	-220.45	-129.16	57.99	45.03	12.96	4.474			
1,900.00	1,882.49	1,903.84	1,873.56	6.57	6.78	-45.47	-236.12	-139.26	61.30	48.29	13.02	4.709			
2,000.00	1,981.18	2,003.89	1,971.75	6.63	6.86	-45.32	-251.79	-149.35	64.62	51.51	13.11	4.928			
2,100.00	2,079.87	2,103.95	2,069.94	6.72	6.95	-45.18	-267.46	-159.45	67.93	54.69	13.25	5.129			
2,200.00	2,178.57	2,204.00	2,168.13	6.82	7.07	-45.05	-283.13	-169.55	71.25	57.83	13.42	5.311			
2,300.00	2,277.26	2,304.06	2,266.32	6.95	7.21	-44.94	-298.80	-179.65	74.57	60.95	13.62	5.475			
2,400.00	2,375.96	2,404.11	2,364.51	7.09	7.38	-44.83	-314.46	-189.75	77.88	64.03	13.86	5.620			
2,500.00	2,474.65	2,504.17	2,462.70	7.25	7.55	-44.73	-330.13	-199.85	81.20	67.07	14.13	5.748			
2,600.00	2,573.34	2,604.22	2,560.89	7.42	7.75	-44.64	-345.80	-209.95	84.52	70.09	14.43	5.859			
2,700.00	2,672.04	2,704.28	2,659.09	7.61	7.96	-44.56	-361.47	-220.04	87.84	73.08	14.75	5.954			
2,800.00	2,770.73	2,804.33	2,757.28	7.82	8.19	-44.48	-377.14	-230.14	91.15	76.05	15.10	6.035			
2,900.00	2,869.43	2,904.39	2,855.47	8.03	8.43	-44.41	-392.81	-240.24	94.47	78.99	15.48	6.103			
3,000.00	2,968.12	3,004.44	2,953.66	8.26	8.69	-44.35	-408.48	-250.34	97.79	81.91	15.88	6.159			
3,100.00	3,066.81	3,104.50	3,051.85	8.50	8.95	-44.28	-424.15	-260.44	101.11	84.81	16.30	6.205			
3,200.00	3,165.51	3,204.55	3,150.04	8.75	9.23	-44.23	-439.82	-270.54	104.42	87.69	16.73	6.241			
3,300.00	3,264.20	3,304.61	3,248.23	9.01	9.51	-44.17	-455.49	-280.64	107.74	90.56	17.19	6.269			
3,400.00	3,362.90	3,404.66	3,346.42	9.28	9.81	-44.12	-471.16	-290.73	111.06	93.40	17.66	6.290			
3,500.00	3,461.59	3,504.72	3,444.61	9.55	10.11	-44.07	-486.83	-300.83	114.38	96.24	18.14	6.305			
3,600.00	3,560.28	3,604.77	3,542.80	9.84	10.42	-44.03	-502.50	-310.93	117.70	99.06	18.64	6.314			
3,700.00	3,658.98	3,704.83	3,640.99	10.12	10.73	-43.98	-518.17	-321.03	121.02	101.87	19.15	6.319			
3,800.00	3,757.67	3,804.88	3,739.19	10.42	11.05	-43.94	-533.84	-331.13	124.34	104.66	19.67	6.320			
3,900.00	3,856.37	3,895.06	3,837.38	10.72	11.35	-43.90	-549.51	-341.23	127.65	107.48	20.18	6.327			
4,000.00	3,955.06	3,995.01	3,935.57	11.02	11.68	-43.87	-565.18	-351.33	130.97	110.25	20.72	6.322			
4,100.00	4,053.75	4,105.05	4,033.76	11.33	12.05	-43.83	-580.85	-361.42	134.29	113.00	21.30	6.306			
4,200.00	4,152.45	4,194.90	4,131.95	11.64	12.36	-43.80	-596.52	-371.52	137.61	115.78	21.83	6.305			
4,300.00	4,251.14	4,305.16	4,230.14	11.96	12.74	-43.77	-612.19	-381.62	140.93	118.51	22.42	6.285			
4,400.00	4,349.84	4,405.22	4,328.33	12.28	13.08	-43.74	-627.86	-391.72	144.25	121.25	23.00	6.273			
4,500.00	4,448.53	4,505.27	4,426.52	12.61	13.44	-43.71	-643.53	-401.82	147.57	123.99	23.57	6.260			
4,600.00	4,547.22	4,605.33	4,524.71	12.93	13.79	-43.68	-659.20	-411.92	150.89	126.73	24.16	6.245			
4,700.00	4,645.92	4,694.62	4,622.90	13.26	14.11	-43.65	-674.87	-422.02	154.21	129.49	24.72	6.238			
4,800.00	4,744.61	4,805.44	4,721.09	13.60	14.51	-43.63	-690.54	-432.12	157.53	132.18	25.35	6.215			
4,900.00	4,843.31	4,905.49	4,819.28	13.93	14.87	-43.60	-706.21	-442.21	160.84	134.90	25.95	6.199			
5,000.00	4,942.00	5,005.55	4,917.48	14.27	15.24	-43.58	-721.88	-452.31	164.16	137.61	26.55	6.182			
5,100.00	5,040.69	5,105.60	5,015.67	14.61	15.60	-43.56	-737.55	-462.41	167.48	140.32	27.16	6.166			
5,200.00	5,139.39	5,205.66	5,113.86	14.95	15.97	-43.54	-753.22	-472.51	170.80	143.03	27.78	6.149			
5,300.00	5,238.08	5,305.71	5,212.05	15.29	16.34	-43.52	-768.89	-482.61	174.12	145.73	28.39	6.132			
5,400.00	5,336.78	5,394.23	5,310.24	15.64	16.67	-43.50	-784.56	-492.71	177.44	148.46	28.98	6.123			
5,500.00	5,435.47	5,505.82	5,408.43	15.98	17.09	-43.48	-800.23	-502.81	180.76	151.12	29.64	6.099			
5,600.00	5,534.16	5,605.88	5,506.62	16.33	17.47	-43.46	-815.90	-512.90	184.08	153.82	30.26	6.083			
5,700.00	5,632.86	5,705.93	5,604.81	16.68	17.84	-43.44	-831.57	-523.00	187.40	156.51	30.89	6.066			
5,800.00	5,731.55	5,805.99	5,703.00	17.03	18.22	-43.42	-847.24	-533.10	190.72	159.19	31.52	6.050			
5,900.00	5,830.25	5,893.96	5,801.19	17.38	18.56	-43.41	-862.91	-543.20	194.04	161.92	32.12	6.041			
6,000.00	5,928.94	6,006.10	5,899.38	17.74	18.98	-43.39	-878.58	-553.30	197.36	164.56	32.79	6.018			
6,100.00	6,027.63	6,106.15	5,997.58	18.09	19.37	-43.38	-894.25	-563.40	200.68	167.24	33.43	6.002			
6,200.00	6,126.33	6,206.21	6,095.77	18.44	19.75	-43.36	-909.92	-573.50	204.00	169.92	34.07	5.987			
6,300.00	6,225.02	6,306.26	6,193.96	18.80	20.13	-43.35	-925.59	-583.59	207.31	172.60	34.72	5.972			
6,400.00	6,323.72	6,393.68	6,292.15	19.16	20.47	-43.33	-941.26	-593.69	210.63	175.32	35.32	5.964			

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft			
Reference				Offset			Semi Major Axis			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,500.00	6,422.41	6,506.37	6,390.34	19.52	20.90	-43.32	-956.93	-603.79	213.95	177.95	36.01	5.942			
6,600.00	6,520.95	6,606.46	6,488.50	19.88	21.29	-56.83	-972.60	-613.89	217.36	180.65	36.71	5.922			
6,700.00	6,617.12	6,692.37	6,585.59	20.29	21.62	-75.54	-988.09	-623.87	222.06	184.13	37.92	5.855			
6,800.00	6,708.34	6,795.38	6,685.97	20.81	22.02	-87.34	-1,004.12	-639.92	229.60	189.89	39.70	5.783			
6,900.00	6,792.37	6,903.96	6,787.61	21.44	22.53	-95.67	-1,020.39	-674.08	238.92	197.40	41.52	5.754			
7,000.00	6,867.14	7,017.56	6,868.19	22.21	23.18	-101.99	-1,036.21	-727.96	249.16	205.92	43.24	5.762			
7,100.00	6,930.81	7,136.30	6,977.40	23.15	24.01	-106.87	-1,050.90	-802.27	259.34	214.56	44.78	5.792			
7,200.00	6,981.81	7,259.96	7,056.20	24.30	25.07	-110.55	-1,063.66	-896.47	268.48	222.31	46.17	5.815			
7,300.00	7,018.89	7,387.94	7,117.25	25.69	26.47	-113.14	-1,073.61	-1,008.26	275.66	228.07	47.59	5.792			
7,400.00	7,041.12	7,519.13	7,155.66	27.32	28.27	-114.70	-1,079.99	-1,133.30	280.14	230.90	49.24	5.690			
7,500.00	7,047.98	7,652.03	7,167.97	29.15	30.45	-115.24	-1,082.23	-1,265.36	281.43	230.12	51.31	5.485			
7,600.00	7,047.53	7,751.07	7,167.57	31.13	32.29	-115.28	-1,082.36	-1,364.40	281.14	226.01	55.13	5.100			
7,700.00	7,047.07	7,851.07	7,167.15	33.28	34.31	-115.31	-1,082.50	-1,464.40	280.85	221.70	59.15	4.748			
7,800.00	7,046.61	7,951.07	7,166.73	35.55	36.48	-115.35	-1,082.64	-1,564.40	280.55	217.18	63.38	4.427			
7,900.00	7,046.15	8,051.07	7,166.32	37.92	38.76	-115.39	-1,082.78	-1,664.39	280.26	212.49	67.77	4.136			
8,000.00	7,045.70	8,151.06	7,165.90	40.38	41.14	-115.43	-1,082.92	-1,764.39	279.97	207.67	72.30	3.873			
8,100.00	7,045.24	8,251.06	7,165.48	42.91	43.60	-115.47	-1,083.06	-1,864.39	279.67	202.74	76.93	3.635			
8,200.00	7,044.78	8,351.06	7,165.07	45.49	46.13	-115.50	-1,083.20	-1,964.39	279.38	197.72	81.66	3.421			
8,300.00	7,044.32	8,451.06	7,164.65	48.12	48.71	-115.54	-1,083.34	-2,064.39	279.09	192.62	86.46	3.228			
8,400.00	7,043.87	8,551.06	7,164.23	50.79	51.33	-115.58	-1,083.47	-2,164.39	278.80	187.47	91.33	3.053			
8,500.00	7,043.41	8,651.06	7,163.81	53.49	53.99	-115.62	-1,083.61	-2,264.38	278.50	182.26	96.25	2.894			
8,600.00	7,042.95	8,751.06	7,163.40	56.22	56.69	-115.66	-1,083.75	-2,364.38	278.21	177.00	101.21	2.749			
8,700.00	7,042.49	8,851.06	7,162.98	58.97	59.41	-115.69	-1,083.89	-2,464.38	277.92	171.71	106.21	2.617			
8,800.00	7,042.03	8,951.06	7,162.56	61.74	62.15	-115.73	-1,084.03	-2,564.38	277.63	166.38	111.24	2.496			
8,900.00	7,041.58	9,051.06	7,162.15	64.53	64.92	-115.77	-1,084.17	-2,664.38	277.33	161.03	116.30	2.385			
9,000.00	7,041.12	9,151.06	7,161.73	67.34	67.70	-115.81	-1,084.31	-2,764.38	277.04	155.66	121.38	2.282			
9,100.00	7,040.66	9,251.06	7,161.31	70.15	70.50	-115.85	-1,084.45	-2,864.37	276.75	150.26	126.49	2.188			
9,200.00	7,040.20	9,351.06	7,160.89	72.98	73.31	-115.89	-1,084.58	-2,964.37	276.46	144.85	131.61	2.101			
9,300.00	7,039.75	9,451.06	7,160.48	75.83	76.13	-115.92	-1,084.72	-3,064.37	276.17	139.42	136.74	2.020			
9,400.00	7,039.29	9,551.06	7,160.06	78.67	78.97	-115.96	-1,084.86	-3,164.37	275.87	133.98	141.89	1.944			
9,500.00	7,038.83	9,651.06	7,159.64	81.53	81.81	-116.00	-1,085.00	-3,264.37	275.58	128.53	147.05	1.874			
9,600.00	7,038.37	9,751.05	7,159.23	84.40	84.66	-116.04	-1,085.14	-3,364.37	275.29	123.07	152.22	1.808			
9,700.00	7,037.91	9,851.05	7,158.81	87.27	87.52	-116.08	-1,085.28	-3,464.37	275.00	117.60	157.40	1.747			
9,800.00	7,037.46	9,951.05	7,158.39	90.15	90.39	-116.12	-1,085.42	-3,564.36	274.71	112.13	162.58	1.690			
9,900.00	7,037.00	10,051.05	7,157.98	93.03	93.26	-116.16	-1,085.56	-3,664.36	274.42	106.64	167.78	1.636			
10,000.00	7,036.54	10,151.05	7,157.56	95.92	96.14	-116.20	-1,085.69	-3,764.36	274.13	101.16	172.97	1.585			
10,100.00	7,036.08	10,251.05	7,157.14	98.81	99.02	-116.24	-1,085.83	-3,864.36	273.84	95.66	178.17	1.537			
10,200.00	7,035.63	10,351.05	7,156.72	101.71	101.91	-116.28	-1,085.97	-3,964.36	273.55	90.17	183.38	1.492 Level 3			
10,300.00	7,035.17	10,451.05	7,156.31	104.61	104.80	-116.32	-1,086.11	-4,064.36	273.26	84.67	188.59	1.449 Level 3			
10,400.00	7,034.71	10,551.05	7,155.89	107.51	107.70	-116.36	-1,086.25	-4,164.35	272.97	79.17	193.80	1.408 Level 3			
10,500.00	7,034.25	10,651.05	7,155.47	110.42	110.60	-116.40	-1,086.39	-4,264.35	272.68	73.66	199.01	1.370 Level 3			
10,600.00	7,033.80	10,751.05	7,155.06	113.33	113.51	-116.44	-1,086.53	-4,364.35	272.39	68.16	204.23	1.334 Level 3			
10,700.00	7,033.34	10,851.05	7,154.64	116.24	116.41	-116.48	-1,086.67	-4,464.35	272.10	62.65	209.45	1.299 Level 3			
10,800.00	7,032.88	10,951.05	7,154.22	119.15	119.32	-116.52	-1,086.80	-4,564.35	271.81	57.14	214.66	1.266 Level 3			
10,900.00	7,032.42	11,051.05	7,153.81	122.07	122.23	-116.56	-1,086.94	-4,664.35	271.52	51.64	219.88	1.235 Level 2			
11,000.00	7,031.96	11,151.05	7,153.39	124.99	125.15	-116.60	-1,087.08	-4,764.35	271.23	46.13	225.10	1.205 Level 2			
11,100.00	7,031.51	11,251.05	7,152.97	127.91	128.06	-116.64	-1,087.22	-4,864.34	270.94	40.62	230.32	1.176 Level 2			
11,200.00	7,031.05	11,351.05	7,152.55	130.84	130.98	-116.68	-1,087.36	-4,964.34	270.65	35.11	235.54	1.149 Level 2			
11,300.00	7,030.59	11,451.04	7,152.14	133.76	133.90	-116.72	-1,087.50	-5,064.34	270.36	29.61	240.75	1.123 Level 2			
11,400.00	7,030.13	11,551.04	7,151.72	136.69	136.83	-116.76	-1,087.64	-5,164.34	270.07	24.10	245.97	1.098 Level 2			
11,500.00	7,029.68	11,651.04	7,151.30	139.62	139.75	-116.80	-1,087.78	-5,264.34	269.78	18.60	251.19	1.074 Level 2			
11,600.00	7,029.22	11,751.04	7,150.89	142.54	142.68	-116.84	-1,087.91	-5,364.34	269.49	13.09	256.40	1.051 Level 2			
11,700.00	7,028.76	11,851.04	7,150.47	145.48	145.61	-116.88	-1,088.05	-5,464.33	269.21	7.59	261.62	1.029 Level 2			
11,800.00	7,028.30	11,951.04	7,150.05	148.41	148.53	-116.92	-1,088.19	-5,564.33	268.92	2.09	266.83	1.008 Level 2			
11,900.00	7,027.84	12,051.04	7,149.63	151.34	151.46	-116.96	-1,088.33	-5,664.33	268.63	-3.41	272.04	0.987 Level 1			
12,000.00	7,027.39	12,151.04	7,149.22	154.28	154.40	-117.00	-1,088.47	-5,764.33	268.34	-8.91	277.25	0.968 Level 1			
12,100.00	7,026.93	12,251.04	7,148.80	157.21	157.33	-117.04	-1,088.61	-5,864.33	268.05	-14.40	282.45	0.949 Level 1			
12,200.00	7,026.47	12,351.04	7,148.38	160.15	160.26	-117.09	-1,088.75	-5,964.33	267.77	-19.89	287.66	0.931 Level 1			
12,300.00	7,026.01	12,451.04	7,147.97	163.08	163.20	-117.13	-1,088.89	-6,064.32	267.48	-25.38	292.86	0.913 Level 1			
12,400.00	7,025.56	12,551.04	7,147.55	166.02	166.13	-117.17	-1,089.02	-6,164.32	267.19	-30.87	298.06	0.896 Level 1			
12,500.00	7,025.10	12,651.04	7,147.13	168.96	169.07	-117.21	-1,089.16	-6,264.32	266.90	-36.36	303.26	0.880 Level 1			
12,600.00	7,024.64	12,751.04	7,146.72	171.90	172.01	-117.25	-1,089.30	-6,364.32	266.62	-41.84	308.46	0.864 Level 1			
12,700.00	7,024.18	12,851.04	7,146.30	174.84	174.95	-117.29	-1,089.44	-6,464.32	266.33	-47.32	313.65	0.849 Level 1			
12,800.00	7,023.73	12,951.04	7,145.88	177.78	177.89	-117.33	-1,089.58	-6,564.32	266.04	-52.80	318.84	0.834 Level 1			
12,900.00	7,023.27	13,051.04	7,145.46	180.73	180.83	-117.38	-1,089.72	-6,664.32	265.76	-58.27	324.03	0.820 Level 1			
13,000.00	7,022.81	13,151.03	7,145.05	183.67	183.77	-117.42	-1,089.86	-6,764.31	265.47	-63.75	329.21	0.806 Level 1			

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
13,100.00	7,022.35	13,251.03	7,144.63	186.61	186.71	-117.46	-1,090.00	-6,864.31	265.18	-69.21	334.40	0.793	Level 1	
13,200.00	7,021.89	13,351.03	7,144.21	189.55	189.65	-117.50	-1,090.13	-6,964.31	264.90	-74.68	339.58	0.780	Level 1	
13,300.00	7,021.44	13,451.03	7,143.80	192.50	192.60	-117.54	-1,090.27	-7,064.31	264.61	-80.14	344.75	0.768	Level 1	
13,400.00	7,020.98	13,551.03	7,143.38	195.44	195.54	-117.59	-1,090.41	-7,164.31	264.32	-85.60	349.93	0.755	Level 1	
13,500.00	7,020.52	13,651.03	7,142.96	198.39	198.48	-117.63	-1,090.55	-7,264.31	264.04	-91.06	355.10	0.744	Level 1	
13,600.00	7,020.06	13,751.03	7,142.54	201.34	201.43	-117.67	-1,090.69	-7,364.30	263.75	-96.51	360.26	0.732	Level 1	
13,700.00	7,019.61	13,851.03	7,142.13	204.28	204.37	-117.71	-1,090.83	-7,464.30	263.47	-101.96	365.43	0.721	Level 1	
13,800.00	7,019.15	13,951.03	7,141.71	207.23	207.32	-117.76	-1,090.97	-7,564.30	263.18	-107.41	370.59	0.710	Level 1	
13,900.00	7,018.69	14,051.03	7,141.29	210.18	210.27	-117.80	-1,091.10	-7,664.30	262.89	-112.85	375.75	0.700	Level 1	
14,000.00	7,018.23	14,151.03	7,140.88	213.12	213.21	-117.84	-1,091.24	-7,764.30	262.61	-118.29	380.90	0.689	Level 1	
14,100.00	7,017.77	14,251.03	7,140.46	216.07	216.16	-117.89	-1,091.38	-7,864.30	262.32	-123.73	386.05	0.680	Level 1	
14,200.00	7,017.32	14,351.03	7,140.04	219.02	219.11	-117.93	-1,091.52	-7,964.29	262.04	-129.16	391.20	0.670	Level 1	
14,300.00	7,016.86	14,451.03	7,139.63	221.97	222.06	-117.97	-1,091.66	-8,064.29	261.75	-134.59	396.34	0.660	Level 1	
14,400.00	7,016.40	14,551.03	7,139.21	224.92	225.00	-118.01	-1,091.80	-8,164.29	261.47	-140.01	401.48	0.651	Level 1	
14,500.00	7,015.94	14,651.03	7,138.79	227.87	227.95	-118.06	-1,091.94	-8,264.29	261.19	-145.43	406.62	0.642	Level 1	
14,600.00	7,015.49	14,751.03	7,138.37	230.82	230.90	-118.10	-1,092.08	-8,364.29	260.90	-150.85	411.75	0.634	Level 1	
14,700.00	7,015.03	14,851.02	7,137.96	233.77	233.85	-118.15	-1,092.21	-8,464.29	260.62	-156.26	416.88	0.625	Level 1	
14,800.00	7,014.57	14,951.02	7,137.54	236.72	236.80	-118.19	-1,092.35	-8,564.29	260.33	-161.67	422.00	0.617	Level 1	
14,900.00	7,014.11	15,051.02	7,137.12	239.67	239.75	-118.23	-1,092.49	-8,664.28	260.05	-167.08	427.12	0.609	Level 1	
15,000.00	7,013.65	15,151.02	7,136.71	242.62	242.70	-118.28	-1,092.63	-8,764.28	259.77	-172.48	432.24	0.601	Level 1	
15,100.00	7,013.20	15,251.02	7,136.29	245.57	245.65	-118.32	-1,092.77	-8,864.28	259.48	-177.87	437.36	0.593	Level 1	
15,200.00	7,012.74	15,351.02	7,135.87	248.52	248.60	-118.36	-1,092.91	-8,964.28	259.20	-183.27	442.46	0.586	Level 1	
15,300.00	7,012.28	15,451.02	7,135.45	251.47	251.56	-118.41	-1,093.05	-9,064.28	258.92	-188.65	447.57	0.578	Level 1	
15,400.00	7,011.82	15,551.02	7,135.04	254.43	254.51	-118.45	-1,093.19	-9,164.28	258.63	-194.04	452.67	0.571	Level 1	
15,500.00	7,011.37	15,651.02	7,134.62	257.38	257.46	-118.50	-1,093.32	-9,264.27	258.35	-199.42	457.77	0.564	Level 1	
15,600.00	7,010.91	15,751.02	7,134.20	260.33	260.41	-118.54	-1,093.46	-9,364.27	258.07	-204.80	462.86	0.558	Level 1	
15,700.00	7,010.45	15,851.02	7,133.79	263.28	263.36	-118.59	-1,093.60	-9,464.27	257.78	-210.17	467.95	0.551	Level 1	
15,800.00	7,009.99	15,951.02	7,133.37	266.24	266.32	-118.63	-1,093.74	-9,564.27	257.50	-215.53	473.04	0.544	Level 1	
15,900.00	7,009.54	16,051.02	7,132.95	269.19	269.27	-118.67	-1,093.88	-9,664.27	257.22	-220.90	478.12	0.538	Level 1	
16,000.00	7,009.08	16,151.02	7,132.54	272.14	272.22	-118.72	-1,094.02	-9,764.27	256.94	-226.26	483.19	0.532	Level 1	
16,100.00	7,008.62	16,251.02	7,132.12	275.09	275.18	-118.76	-1,094.16	-9,864.27	256.65	-231.61	488.27	0.526	Level 1	
16,200.00	7,008.16	16,351.02	7,131.70	278.05	278.13	-118.81	-1,094.30	-9,964.26	256.37	-236.96	493.33	0.520	Level 1	
16,300.00	7,007.70	16,451.01	7,131.28	281.00	281.08	-118.85	-1,094.43	-10,064.26	256.09	-242.31	498.40	0.514	Level 1	
16,400.00	7,007.25	16,551.01	7,130.87	283.96	284.04	-118.90	-1,094.57	-10,164.26	255.81	-247.65	503.46	0.508	Level 1	
16,500.00	7,006.79	16,651.01	7,130.45	286.91	286.99	-118.94	-1,094.71	-10,264.26	255.53	-252.98	508.51	0.503	Level 1	
16,600.00	7,006.33	16,751.01	7,130.03	289.86	289.95	-118.99	-1,094.85	-10,364.26	255.25	-258.31	513.56	0.497	Level 1	
16,700.00	7,005.87	16,851.01	7,129.62	292.82	292.90	-119.04	-1,094.99	-10,464.26	254.97	-263.64	518.61	0.492	Level 1	
16,800.00	7,005.42	16,951.01	7,129.20	295.77	295.85	-119.08	-1,095.13	-10,564.25	254.69	-268.96	523.65	0.486	Level 1	
16,900.00	7,004.96	17,051.01	7,128.78	298.73	298.81	-119.13	-1,095.27	-10,664.25	254.40	-274.28	528.68	0.481	Level 1	
17,000.00	7,004.50	17,151.01	7,128.37	301.68	301.76	-119.17	-1,095.41	-10,764.25	254.12	-279.59	533.72	0.476	Level 1	
17,100.00	7,004.04	17,251.01	7,127.95	304.64	304.72	-119.22	-1,095.54	-10,864.25	253.84	-284.90	538.74	0.471	Level 1	
17,200.00	7,003.58	17,351.01	7,127.53	307.59	307.67	-119.26	-1,095.68	-10,964.25	253.56	-290.20	543.77	0.466	Level 1	
17,300.00	7,003.13	17,451.01	7,127.11	310.55	310.63	-119.31	-1,095.82	-11,064.25	253.28	-295.50	548.78	0.462	Level 1	
17,327.69	7,003.00	17,478.70	7,127.00	311.37	311.45	-119.32	-1,095.86	-11,091.94	253.21	-296.97	550.17	0.460	Level 1, ES, SF	

Offset Design										5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-12-M - Wellbore #1 - Design #1				Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft					
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,500.00	6,422.41	8,379.29	7,260.77	19.52	39.23	-46.10	-1,523.17	-636.52	1,147.73	1,103.32	44.41	25.843			
6,600.00	6,520.95	8,388.17	7,260.53	19.88	39.46	-63.15	-1,523.24	-645.40	1,068.25	1,022.02	46.23	23.107			
6,700.00	6,617.12	8,409.74	7,259.92	20.29	40.02	-86.73	-1,523.42	-666.96	993.97	945.48	48.49	20.498			
6,800.00	6,708.34	8,446.31	7,258.91	20.81	41.00	-98.08	-1,523.71	-703.51	927.27	875.98	51.28	18.081			
6,900.00	6,792.37	8,503.03	7,257.49	21.44	42.51	-104.00	-1,524.13	-754.15	869.88	815.17	54.71	15.900			
7,000.00	6,867.14	8,560.47	7,255.73	22.21	44.06	-106.86	-1,524.64	-817.62	822.83	764.49	58.35	14.102			
7,100.00	6,930.81	8,635.25	7,253.64	23.15	46.09	-107.82	-1,525.25	-892.38	786.33	723.79	62.54	12.573			
7,200.00	6,981.81	8,719.48	7,251.30	24.30	48.39	-107.69	-1,525.93	-976.56	759.82	692.74	67.08	11.328			
7,300.00	7,018.89	8,811.07	7,248.75	25.69	50.91	-107.05	-1,526.68	-1,068.12	742.20	670.34	71.85	10.329			
7,400.00	7,041.12	8,907.77	7,246.05	27.32	53.60	-106.39	-1,527.47	-1,164.78	732.24	655.50	76.74	9.541			
7,500.00	7,047.98	9,007.20	7,243.28	29.15	56.38	-106.03	-1,528.27	-1,264.16	728.96	647.38	81.58	8.936			
7,600.00	7,047.53	9,107.17	7,240.50	31.13	59.19	-105.85	-1,529.09	-1,364.09	728.64	642.23	86.41	8.432			
7,700.00	7,047.07	9,207.14	7,237.71	33.28	62.01	-105.66	-1,529.90	-1,464.02	728.33	636.93	91.40	7.969			
7,800.00	7,046.61	9,307.11	7,234.93	35.55	64.85	-105.48	-1,530.71	-1,563.95	728.02	631.51	96.51	7.544			
7,900.00	7,046.15	9,407.09	7,232.14	37.92	67.70	-105.30	-1,531.52	-1,663.88	727.72	626.00	101.72	7.154			
8,000.00	7,045.70	9,507.06	7,229.36	40.38	70.55	-105.11	-1,532.34	-1,763.82	727.43	620.42	107.01	6.798			
8,100.00	7,045.24	9,607.03	7,226.57	42.91	73.42	-104.93	-1,533.15	-1,863.75	727.14	614.77	112.38	6.471			
8,200.00	7,044.78	9,707.00	7,223.79	45.49	76.29	-104.75	-1,533.96	-1,963.68	726.87	609.06	117.81	6.170			
8,300.00	7,044.32	9,806.98	7,221.00	48.12	79.17	-104.56	-1,534.78	-2,063.61	726.60	603.31	123.28	5.894			
8,400.00	7,043.87	9,906.95	7,218.22	50.79	82.05	-104.38	-1,535.59	-2,163.54	726.34	597.53	128.81	5.639			
8,500.00	7,043.41	10,006.92	7,215.43	53.49	84.94	-104.19	-1,536.40	-2,263.47	726.08	591.71	134.37	5.403			
8,600.00	7,042.95	10,106.89	7,212.65	56.22	87.83	-104.01	-1,537.21	-2,363.40	725.83	585.86	139.97	5.186			
8,700.00	7,042.49	10,206.87	7,209.86	58.97	90.73	-103.82	-1,538.03	-2,463.33	725.60	579.99	145.60	4.983			
8,800.00	7,042.03	10,306.84	7,207.08	61.74	93.63	-103.64	-1,538.84	-2,563.26	725.36	574.10	151.26	4.795			
8,900.00	7,041.58	10,406.81	7,204.29	64.53	96.54	-103.45	-1,539.65	-2,663.19	725.14	568.20	156.94	4.620			
9,000.00	7,041.12	10,506.78	7,201.51	67.34	99.45	-103.27	-1,540.47	-2,763.12	724.92	562.27	162.65	4.457			
9,100.00	7,040.66	10,606.75	7,198.72	70.15	102.36	-103.08	-1,541.28	-2,863.05	724.71	556.34	168.38	4.304			
9,200.00	7,040.20	10,706.73	7,195.94	72.98	105.27	-102.90	-1,542.09	-2,962.98	724.51	550.39	174.12	4.161			
9,300.00	7,039.75	10,806.70	7,193.15	75.83	108.19	-102.71	-1,542.90	-3,062.91	724.32	544.43	179.88	4.027			
9,400.00	7,039.29	10,906.67	7,190.37	78.67	111.10	-102.53	-1,543.72	-3,162.84	724.13	538.47	185.66	3.900			
9,500.00	7,038.83	11,006.64	7,187.58	81.53	114.02	-102.34	-1,544.53	-3,262.77	723.95	532.50	191.46	3.781			
9,600.00	7,038.37	11,106.62	7,184.80	84.40	116.95	-102.16	-1,545.34	-3,362.70	723.78	526.52	197.26	3.669			
9,700.00	7,037.91	11,206.59	7,182.01	87.27	119.87	-101.97	-1,546.15	-3,462.63	723.62	520.53	203.08	3.563			
9,800.00	7,037.46	11,306.56	7,179.23	90.15	122.80	-101.79	-1,546.97	-3,562.56	723.46	514.55	208.92	3.463			
9,900.00	7,037.00	11,406.53	7,176.44	93.03	125.72	-101.60	-1,547.78	-3,662.49	723.31	508.55	214.76	3.368			
10,000.00	7,036.54	11,506.51	7,173.66	95.92	128.65	-101.41	-1,548.59	-3,762.42	723.17	502.56	220.61	3.278			
10,100.00	7,036.08	11,606.48	7,170.87	98.81	131.58	-101.23	-1,549.41	-3,862.35	723.04	496.56	226.48	3.193			
10,200.00	7,035.63	11,706.45	7,168.09	101.71	134.51	-101.04	-1,550.22	-3,962.28	722.92	490.56	232.35	3.111			
10,300.00	7,035.17	11,806.42	7,165.31	104.61	137.45	-100.86	-1,551.03	-4,062.21	722.80	484.56	238.24	3.034			
10,400.00	7,034.71	11,906.40	7,162.52	107.51	140.38	-100.67	-1,551.84	-4,162.14	722.69	478.56	244.13	2.960			
10,500.00	7,034.25	12,006.37	7,159.74	110.42	143.32	-100.48	-1,552.66	-4,262.07	722.59	472.56	250.03	2.890			
10,600.00	7,033.80	12,106.34	7,156.95	113.33	146.25	-100.30	-1,553.47	-4,362.00	722.49	466.56	255.93	2.823			
10,700.00	7,033.34	12,206.31	7,154.17	116.24	149.19	-100.11	-1,554.28	-4,461.93	722.40	460.56	261.85	2.759			
10,800.00	7,032.88	12,306.28	7,151.38	119.15	152.12	-99.93	-1,555.10	-4,561.86	722.32	454.56	267.77	2.698			
10,900.00	7,032.42	12,406.26	7,148.60	122.07	155.06	-99.74	-1,555.91	-4,661.79	722.25	448.56	273.69	2.639			
11,000.00	7,031.96	12,506.23	7,145.81	124.99	158.00	-99.55	-1,556.72	-4,761.72	722.19	442.56	279.62	2.583			
11,100.00	7,031.51	12,606.20	7,143.03	127.91	160.94	-99.37	-1,557.53	-4,861.65	722.13	436.57	285.56	2.529			
11,200.00	7,031.05	12,706.17	7,140.24	130.84	163.88	-99.18	-1,558.35	-4,961.58	722.08	430.58	291.51	2.477			
11,300.00	7,030.59	12,806.15	7,137.46	133.76	166.82	-98.99	-1,559.16	-5,061.51	722.04	424.59	297.45	2.427			
11,400.00	7,030.13	12,906.12	7,134.67	136.69	169.76	-98.81	-1,559.97	-5,161.44	722.01	418.60	303.41	2.380			
11,500.00	7,029.68	13,006.09	7,131.89	139.62	172.71	-98.62	-1,560.78	-5,261.37	721.98	412.62	309.36	2.334			
11,600.00	7,029.22	13,106.06	7,129.10	142.54	175.65	-98.43	-1,561.60	-5,361.30	721.96	406.64	315.32	2.290			
11,700.00	7,028.76	13,206.04	7,126.32	145.48	178.59	-98.25	-1,562.41	-5,461.23	721.95	400.66	321.29	2.247			
11,789.83	7,028.35	13,304.16	7,123.82	148.11	181.48	-98.08	-1,563.14	-5,551.00	721.95	395.06	326.89	2.209 CC			
11,800.00	7,028.30	13,306.01	7,123.53	148.41	181.54	-98.06	-1,563.22	-5,561.16	721.95	394.69	327.26	2.206			
11,900.00	7,027.84	13,405.98	7,120.75	151.34	184.48	-97.87	-1,564.04	-5,661.09	721.95	388.73	333.23	2.167			
12,000.00	7,027.39	13,505.95	7,117.96	154.28	187.43	-97.69	-1,564.85	-5,761.03	721.97	382.77	339.20	2.128			
12,000.00	7,027.39	13,505.95	7,117.96	154.28	187.43	-97.69	-1,564.85	-5,761.03	721.97	382.77	339.20	2.128			
12,100.00	7,026.93	13,576.39	7,116.00	157.21	189.50	-97.56	-1,565.42	-5,831.43	722.59	378.29	344.30	2.099 ES, SF			
12,200.00	7,026.47	13,576.39	7,116.00	160.15	189.50	-97.56	-1,565.42	-5,831.43	733.54	390.36	343.18	2.137			
12,300.00	7,026.01	13,576.39	7,116.00	163.08	189.50	-97.56	-1,565.42	-5,831.43	757.64	421.38	336.25	2.253			
12,400.00	7,025.56	13,576.39	7,116.00	166.02	189.50	-97.56	-1,565.42	-5,831.43	793.70	468.81	324.88	2.443			
12,500.00	7,025.10	13,576.39	7,116.00	168.96	189.50	-97.56	-1,565.42	-5,831.43	840.17	529.48	310.69	2.704			
12,600.00	7,024.64	13,576.39	7,116.00	171.90	189.50	-97.56	-1,565.42	-5,831.43	895.45	600.31	295.14	3.034			
12,700.00	7,024.18	13,576.39	7,116.00	174.84	189.50	-97.56	-1,565.42	-5,831.43	958.00	678.68	279.33	3.430			
12,800.00	7,023.73	13,576.39	7,116.00	177.78	189.50	-97.56	-1,565.42	-5,831.43	1,026.50	762.52	263.98	3.889			

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	
12,900.00	7,023.27	13,576.39	7,116.00	180.73	189.50	-97.56	-1,565.42	-5,831.43	1,099.84	850.33	249.51	4.408	
13,000.00	7,022.81	13,576.39	7,116.00	183.67	189.50	-97.56	-1,565.42	-5,831.43	1,177.11	940.99	236.12	4.985	

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		
2,100.00	2,079.87	2,039.63	2,032.74	6.72	6.05	-62.56	-1,304.16	298.13	1,198.09	1,184.98	13.11	91.385		
2,200.00	2,178.57	2,136.93	2,129.62	6.82	6.11	-63.62	-1,303.99	307.11	1,194.27	1,181.00	13.27	89.997		
2,300.00	2,277.26	2,234.23	2,226.51	6.95	6.18	-64.69	-1,303.82	316.10	1,190.88	1,177.42	13.46	88.460		
2,400.00	2,375.96	2,331.53	2,323.39	7.09	6.27	-65.77	-1,303.64	325.08	1,187.94	1,174.25	13.69	86.801		
2,500.00	2,474.65	2,428.83	2,420.27	7.25	6.37	-66.84	-1,303.47	334.07	1,185.43	1,171.49	13.94	85.046		
2,600.00	2,573.34	2,526.13	2,517.16	7.42	6.48	-67.93	-1,303.30	343.06	1,183.37	1,169.15	14.22	83.221		
2,700.00	2,672.04	2,623.43	2,614.04	7.61	6.60	-69.01	-1,303.13	352.04	1,181.76	1,167.23	14.53	81.350		
2,800.00	2,770.73	2,720.73	2,710.93	7.82	6.74	-70.10	-1,302.95	361.03	1,180.60	1,165.74	14.86	79.455		
2,900.00	2,869.43	2,818.03	2,807.81	8.03	6.88	-71.19	-1,302.78	370.01	1,179.89	1,164.67	15.21	77.556		
3,000.00	2,968.12	2,915.33	2,904.69	8.26	7.04	-72.28	-1,302.61	379.00	1,179.63	1,164.01	15.59	75.670		
3,007.74	2,975.76	2,922.86	2,912.19	8.28	7.05	-72.37	-1,302.60	379.69	1,179.63	1,164.01	15.62	75.523		
3,100.00	3,066.81	3,012.63	3,001.58	8.50	7.20	-73.37	-1,302.44	387.99	1,179.82	1,163.83	15.98	73.811		
3,200.00	3,165.51	3,109.93	3,098.46	8.75	7.37	-74.46	-1,302.26	396.97	1,180.46	1,164.06	16.40	71.990		
3,300.00	3,264.20	3,207.23	3,195.34	9.01	7.56	-75.55	-1,302.09	405.96	1,181.55	1,164.73	16.83	70.216		
3,400.00	3,362.90	3,304.53	3,292.23	9.28	7.74	-76.64	-1,301.92	414.94	1,183.09	1,165.82	17.27	68.497		
3,500.00	3,461.59	3,401.83	3,389.11	9.55	7.94	-77.72	-1,301.75	423.93	1,185.08	1,167.35	17.73	66.838		
3,600.00	3,560.28	3,500.87	3,486.00	9.84	8.14	-78.80	-1,301.57	432.92	1,187.52	1,169.31	18.21	65.230		
3,700.00	3,658.98	3,603.57	3,582.88	10.12	8.36	-79.87	-1,301.40	441.90	1,190.40	1,171.70	18.70	63.662		
3,800.00	3,757.67	3,706.27	3,679.76	10.42	8.59	-80.94	-1,301.23	450.89	1,193.71	1,174.51	19.20	62.163		
3,900.00	3,856.37	3,791.03	3,776.65	10.72	8.78	-82.01	-1,301.06	459.87	1,197.47	1,177.79	19.68	60.851		
6,100.00	6,027.63	8,129.86	7,054.61	18.09	38.03	-50.09	-1,305.27	-601.23	1,199.29	1,161.94	37.35	32.111		
6,200.00	6,126.33	8,137.61	7,054.40	18.44	38.24	-49.18	-1,305.32	-608.97	1,108.50	1,069.89	38.61	28.709		
6,300.00	6,225.02	8,145.35	7,054.19	18.80	38.44	-48.28	-1,305.38	-616.71	1,019.38	979.31	40.06	25.444		
6,400.00	6,323.72	8,153.10	7,053.99	19.16	38.65	-47.37	-1,305.44	-624.45	932.40	890.65	41.74	22.336		
6,500.00	6,422.41	8,160.84	7,053.78	19.52	38.85	-46.45	-1,305.50	-632.19	848.22	804.52	43.70	19.409		
6,600.00	6,520.95	8,169.83	7,053.54	19.88	39.09	-45.54	-1,305.56	-641.18	767.87	721.87	46.00	16.692		
6,700.00	6,617.12	8,191.51	7,052.96	20.29	39.66	-44.63	-1,305.72	-662.84	694.08	645.19	48.90	14.195		
6,800.00	6,708.34	8,228.17	7,051.99	20.81	40.64	-43.72	-1,305.99	-699.49	629.87	577.42	52.45	12.009		
6,900.00	6,792.37	8,278.92	7,050.63	21.44	42.00	-42.81	-1,306.37	-750.22	577.48	520.93	56.55	10.212		
7,000.00	6,867.14	8,342.50	7,048.93	22.21	43.71	-41.90	-1,306.84	-813.79	538.07	477.05	61.01	8.819		
7,100.00	6,930.81	8,417.36	7,046.94	23.15	45.75	-41.00	-1,307.39	-888.61	511.21	445.59	65.62	7.790		
7,200.00	6,981.81	8,501.64	7,044.69	24.30	48.06	-40.10	-1,308.01	-972.86	495.01	424.77	70.24	7.048		
7,300.00	7,018.89	8,606.73	7,042.24	25.69	50.97	-39.20	-1,308.69	-1,064.46	486.63	411.40	75.23	6.468		
7,400.00	7,041.12	8,710.00	7,039.66	27.32	53.85	-38.30	-1,309.41	-1,161.15	483.18	403.06	80.12	6.031		
7,484.07	7,048.09	8,773.51	7,037.43	28.85	55.64	-37.40	-1,310.02	-1,244.62	482.47	398.84	83.63	5.769 CC		
7,500.00	7,047.98	8,789.44	7,037.01	29.15	56.08	-36.50	-1,310.14	-1,260.55	482.52	398.12	84.40	5.717		
7,600.00	7,047.53	8,889.42	7,034.34	31.13	58.90	-35.60	-1,310.88	-1,360.49	482.81	393.42	89.39	5.401		
7,700.00	7,047.07	8,989.39	7,031.67	33.28	61.73	-34.70	-1,311.62	-1,460.43	483.10	388.58	94.52	5.111		
7,800.00	7,046.61	9,089.37	7,029.01	35.55	64.57	-33.80	-1,312.36	-1,560.36	483.41	383.65	99.76	4.846		
7,900.00	7,046.15	9,189.34	7,026.34	37.92	67.43	-32.90	-1,313.10	-1,660.30	483.72	378.64	105.08	4.603		
8,000.00	7,045.70	9,289.32	7,023.67	40.38	70.29	-32.00	-1,313.83	-1,760.24	484.05	373.56	110.48	4.381		
8,100.00	7,045.24	9,389.30	7,021.00	42.91	73.16	-31.10	-1,314.57	-1,860.17	484.38	368.44	115.94	4.178		
8,200.00	7,044.78	9,489.27	7,018.34	45.49	76.04	-30.20	-1,315.31	-1,960.11	484.72	363.28	121.45	3.991		
8,300.00	7,044.32	9,589.25	7,015.67	48.12	78.92	-29.30	-1,316.05	-2,060.05	485.08	358.09	126.99	3.820		
8,400.00	7,043.87	9,689.22	7,013.00	50.79	81.81	-28.40	-1,316.79	-2,159.99	485.44	352.88	132.57	3.662		
8,500.00	7,043.41	9,789.20	7,010.33	53.49	84.70	-27.50	-1,317.53	-2,259.92	485.82	347.65	138.17	3.516		
8,600.00	7,042.95	9,889.17	7,007.67	56.22	87.60	-26.60	-1,318.27	-2,359.86	486.20	342.41	143.80	3.381		
8,700.00	7,042.49	9,989.15	7,005.00	58.97	90.50	-25.70	-1,319.01	-2,459.80	486.60	337.16	149.44	3.256		
8,800.00	7,042.03	10,089.12	7,002.33	61.74	93.40	-24.80	-1,319.74	-2,559.73	487.00	331.90	155.10	3.140		
8,900.00	7,041.58	10,189.10	6,999.66	64.53	96.31	-23.90	-1,320.48	-2,659.67	487.41	326.65	160.77	3.032		
9,000.00	7,041.12	10,289.07	6,996.99	67.34	99.22	-23.00	-1,321.22	-2,759.61	487.84	321.39	166.44	2.931		
9,100.00	7,040.66	10,389.05	6,994.33	70.15	102.14	-22.10	-1,321.96	-2,859.54	488.27	316.14	172.13	2.837		
9,200.00	7,040.20	10,489.02	6,991.66	72.98	105.05	-21.20	-1,322.70	-2,959.48	488.71	310.89	177.82	2.748		
9,300.00	7,039.75	10,589.00	6,988.99	75.83	107.97	-20.30	-1,323.44	-3,059.42	489.17	305.65	183.52	2.666		
9,400.00	7,039.29	10,688.97	6,986.32	78.67	110.89	-19.40	-1,324.18	-3,159.35	489.63	300.42	189.21	2.588		
9,500.00	7,038.83	10,788.95	6,983.66	81.53	113.81	-18.50	-1,324.91	-3,259.29	490.10	295.19	194.91	2.514		
9,600.00	7,038.37	10,888.92	6,980.99	84.40	116.74	-17.60	-1,325.65	-3,359.23	490.58	289.97	200.61	2.445		
9,700.00	7,037.91	10,988.90	6,978.32	87.27	119.67	-16.70	-1,326.39	-3,459.17	491.08	284.77	206.31	2.380		
9,800.00	7,037.46	11,088.87	6,975.65	90.15	122.59	-15.80	-1,327.13	-3,559.10	491.58	279.57	212.00	2.319		
9,900.00	7,037.00	11,188.85	6,972.99	93.03	125.52	-14.90	-1,327.87	-3,659.04	492.09	274.39	217.70	2.260		
10,000.00	7,036.54	11,288.82	6,970.32	95.92	128.45	-14.00	-1,328.61	-3,758.98	492.61	269.22	223.38	2.205		
10,100.00	7,036.08	11,388.80	6,967.65	98.81	131.39	-13.10	-1,329.35	-3,858.91	493.14	264.07	229.07	2.153		
10,200.00	7,035.63	11,488.78	6,964.98	101.71	134.32	-12.20	-1,330.09	-3,958.85	493.68	258.93	234.75	2.103		
10,300.00	7,035.17	11,588.75	6,962.32	104.61	137.25	-11.30	-1,330.82	-4,058.79	494.22	253.80	240.42	2.056		
10,400.00	7,034.71	11,688.73	6,959.65	107.51	140.19	-10.40	-1,331.56	-4,158.72	494.78	248.69	246.09	2.011		
10,500.00	7,034.25	11,788.70	6,956.98	110.42	143.13	-9.50	-1,332.30	-4,258.66	495.35	243.60	251.75	1.968		

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	
10,600.00	7,033.80	11,888.68	6,954.31	113.33	146.06	-81.48	-1,333.04	-4,358.60	495.93	238.52	257.40	1.927		
10,700.00	7,033.34	11,988.65	6,951.65	116.24	149.00	-81.23	-1,333.78	-4,458.53	496.51	233.47	263.05	1.888		
10,800.00	7,032.88	12,088.63	6,948.98	119.15	151.94	-80.98	-1,334.52	-4,558.47	497.11	228.42	268.68	1.850		
10,900.00	7,032.42	12,188.60	6,946.31	122.07	154.88	-80.74	-1,335.26	-4,658.41	497.71	223.40	274.31	1.814		
11,000.00	7,031.96	12,288.58	6,943.64	124.99	157.82	-80.49	-1,336.00	-4,758.34	498.33	218.39	279.93	1.780		
11,100.00	7,031.51	12,388.55	6,940.98	127.91	160.76	-80.24	-1,336.73	-4,858.28	498.95	213.41	285.54	1.747		
11,200.00	7,031.05	12,488.53	6,938.31	130.84	163.70	-80.00	-1,337.47	-4,958.22	499.58	208.44	291.14	1.716		
11,300.00	7,030.59	12,588.50	6,935.64	133.76	166.65	-79.75	-1,338.21	-5,058.16	500.22	203.49	296.73	1.686		
11,400.00	7,030.13	12,688.48	6,932.97	136.69	169.59	-79.51	-1,338.95	-5,158.09	500.87	198.56	302.31	1.657		
11,500.00	7,029.68	12,788.45	6,930.30	139.62	172.53	-79.27	-1,339.69	-5,258.03	501.53	193.65	307.88	1.629		
11,600.00	7,029.22	12,888.43	6,927.64	142.54	175.48	-79.03	-1,340.43	-5,357.97	502.20	188.77	313.43	1.602		
11,700.00	7,028.76	12,988.40	6,924.97	145.48	178.42	-78.78	-1,341.17	-5,457.90	502.88	183.90	318.98	1.577		
11,800.00	7,028.30	13,088.38	6,922.30	148.41	181.37	-78.54	-1,341.91	-5,557.84	503.56	179.05	324.51	1.552		
11,900.00	7,027.84	13,188.35	6,919.63	151.34	184.31	-78.30	-1,342.64	-5,657.78	504.26	174.22	330.03	1.528		
12,000.00	7,027.39	13,288.33	6,916.97	154.28	187.26	-78.06	-1,343.38	-5,757.71	504.96	169.42	335.54	1.505		
12,100.00	7,026.93	13,362.03	6,915.00	157.21	189.43	-77.89	-1,343.93	-5,831.38	506.36	166.22	340.13	1.489	Level 3, ES, SF	
12,200.00	7,026.47	13,362.03	6,915.00	160.15	189.43	-77.89	-1,343.93	-5,831.38	521.90	187.62	334.28	1.561		
12,300.00	7,026.01	13,362.03	6,915.00	163.08	189.43	-77.89	-1,343.93	-5,831.38	555.30	236.91	318.39	1.744		
12,400.00	7,025.56	13,362.03	6,915.00	166.02	189.43	-77.89	-1,343.93	-5,831.38	603.60	306.63	296.97	2.033		
12,500.00	7,025.10	13,362.03	6,915.00	168.96	189.43	-77.89	-1,343.93	-5,831.38	663.56	389.58	273.98	2.422		
12,600.00	7,024.64	13,362.03	6,915.00	171.90	189.43	-77.89	-1,343.93	-5,831.38	732.32	480.45	251.87	2.908		
12,700.00	7,024.18	13,362.03	6,915.00	174.84	189.43	-77.89	-1,343.93	-5,831.38	807.63	575.86	231.78	3.485		
12,800.00	7,023.73	13,362.03	6,915.00	177.78	189.43	-77.89	-1,343.93	-5,831.38	887.84	673.81	214.03	4.148		
12,900.00	7,023.27	13,362.03	6,915.00	180.73	189.43	-77.89	-1,343.93	-5,831.38	971.72	773.16	198.55	4.894		
13,000.00	7,022.81	13,362.03	6,915.00	183.67	189.43	-77.89	-1,343.93	-5,831.38	1,058.40	873.28	185.12	5.717		
13,100.00	7,022.35	13,362.03	6,915.00	186.61	189.43	-77.89	-1,343.93	-5,831.38	1,147.25	973.78	173.47	6.613		

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				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	2.00	2.00	3.28	3.28	-95.89	-18.59	-180.15	181.11					
100.00	100.00	102.00	102.00	3.28	3.28	-95.89	-18.59	-180.15	181.11	173.58	7.53	24.060		
200.00	200.00	202.00	202.00	3.30	3.30	-95.89	-18.59	-180.15	181.11	173.54	7.57	23.927		
264.75	264.75	265.86	265.86	3.33	3.33	44.48	-18.61	-180.19	180.89	173.27	7.62	23.745	CC	
300.00	300.00	299.25	299.24	3.34	3.34	44.44	-18.82	-180.50	181.19	173.54	7.65	23.688		
400.00	399.93	393.94	393.88	3.40	3.40	44.69	-20.59	-183.16	181.68	173.93	7.75	23.440		
500.00	499.68	488.63	488.35	3.48	3.47	45.20	-24.10	-188.41	182.62	174.72	7.89	23.141		
600.00	599.13	583.29	582.54	3.59	3.57	45.96	-29.33	-196.26	184.02	175.94	8.07	22.791		
700.00	698.15	677.92	676.33	3.73	3.70	46.96	-36.29	-206.69	185.92	177.61	8.31	22.386		
800.00	796.85	772.51	769.62	3.90	3.86	47.93	-44.95	-219.68	189.24	180.65	8.59	22.033		
900.00	895.54	866.93	862.17	4.11	4.07	48.38	-55.30	-235.20	195.37	186.45	8.92	21.898		
1,000.00	994.24	960.97	953.70	4.33	4.32	48.34	-67.29	-253.17	204.29	194.99	9.30	21.968		
1,100.00	1,092.93	1,054.45	1,043.92	4.58	4.61	47.86	-80.84	-273.50	215.99	206.27	9.71	22.235		
1,200.00	1,191.63	1,153.17	1,138.72	4.85	4.97	47.18	-96.12	-296.41	229.24	219.02	10.21	22.443		
1,300.00	1,290.32	1,252.25	1,233.87	5.13	5.36	46.57	-111.46	-319.41	242.52	231.77	10.75	22.563		
1,400.00	1,389.01	1,351.34	1,329.02	5.42	5.77	46.02	-126.80	-342.41	255.83	244.52	11.31	22.615		
1,500.00	1,487.71	1,450.42	1,424.17	5.72	6.21	45.53	-142.13	-365.41	269.16	257.27	11.89	22.640		
1,600.00	1,586.40	1,549.50	1,519.32	6.03	6.66	45.08	-157.47	-388.40	282.51	270.02	12.49	22.618		
1,700.00	1,685.10	1,648.58	1,614.46	6.35	7.12	44.67	-172.81	-411.40	295.87	282.77	13.11	22.574		
1,800.00	1,783.79	1,747.67	1,709.61	6.53	7.49	44.30	-188.15	-434.40	309.25	295.95	13.30	23.244		
1,900.00	1,882.49	1,846.75	1,804.76	6.57	7.67	43.96	-203.48	-457.40	322.64	309.37	13.27	24.320		
2,000.00	1,981.18	1,945.83	1,899.91	6.63	7.77	43.65	-218.82	-480.39	336.04	322.69	13.35	25.165		
2,100.00	2,079.87	2,044.91	1,995.06	6.72	7.91	43.36	-234.16	-503.39	349.45	335.96	13.48	25.915		
2,200.00	2,178.57	2,143.99	2,090.20	6.82	8.08	43.09	-249.50	-526.39	362.86	349.21	13.66	26.569		
2,300.00	2,277.26	2,243.08	2,185.35	6.95	8.28	42.84	-264.83	-549.39	376.29	362.42	13.87	27.128		
2,400.00	2,375.96	2,342.16	2,280.50	7.09	8.51	42.61	-280.17	-572.39	389.72	375.60	14.12	27.595		
2,500.00	2,474.65	2,441.24	2,375.65	7.25	8.77	42.39	-295.51	-595.38	403.15	388.74	14.41	27.977		
2,600.00	2,573.34	2,540.32	2,470.79	7.42	9.05	42.19	-310.85	-618.38	416.60	401.86	14.73	28.280		
2,700.00	2,672.04	2,639.40	2,565.94	7.61	9.36	42.00	-326.18	-641.38	430.04	414.96	15.08	28.512		
2,800.00	2,770.73	2,738.49	2,661.09	7.82	9.68	41.82	-341.52	-664.38	443.49	428.03	15.46	28.680		
2,900.00	2,869.43	2,837.57	2,756.24	8.03	10.03	41.65	-356.86	-687.38	456.95	441.08	15.87	28.792		
3,000.00	2,968.12	2,936.65	2,851.39	8.26	10.39	41.49	-372.20	-710.37	470.41	454.10	16.30	28.856		
3,100.00	3,066.81	3,035.73	2,946.53	8.50	10.77	41.34	-387.53	-733.37	483.87	467.11	16.76	28.878		
3,200.00	3,165.51	3,134.82	3,041.68	8.75	11.16	41.20	-402.87	-756.37	497.33	480.10	17.23	28.865		
3,300.00	3,264.20	3,233.90	3,136.83	9.01	11.56	41.07	-418.21	-779.37	510.80	493.08	17.72	28.822		
3,400.00	3,362.90	3,332.98	3,231.98	9.28	11.97	40.94	-433.55	-802.36	524.27	506.04	18.23	28.756		
3,500.00	3,461.59	3,432.06	3,327.13	9.55	12.40	40.82	-448.88	-825.36	537.74	518.98	18.76	28.669		
3,600.00	3,560.28	3,531.14	3,422.27	9.84	12.83	40.70	-464.22	-848.36	551.22	531.92	19.30	28.566		
3,700.00	3,658.98	3,630.23	3,517.42	10.12	13.27	40.59	-479.56	-871.36	564.69	544.84	19.85	28.450		
3,800.00	3,757.67	3,729.31	3,612.57	10.42	13.72	40.49	-494.90	-894.36	578.17	557.76	20.41	28.324		
3,900.00	3,856.37	3,828.39	3,707.72	10.72	14.17	40.39	-510.23	-917.35	591.65	570.66	20.99	28.190		
4,000.00	3,955.06	3,927.47	3,802.87	11.02	14.63	40.30	-525.57	-940.35	605.13	583.56	21.57	28.051		
4,100.00	4,053.75	4,026.55	3,898.01	11.33	15.10	40.21	-540.91	-963.35	618.62	596.45	22.17	27.908		
4,200.00	4,152.45	4,125.64	3,993.16	11.64	15.57	40.12	-556.24	-986.35	632.10	609.33	22.77	27.762		
4,300.00	4,251.14	4,224.72	4,088.31	11.96	16.04	40.03	-571.58	-1,009.34	645.59	622.21	23.38	27.614		
4,400.00	4,349.84	4,323.80	4,183.46	12.28	16.52	39.95	-586.92	-1,032.34	659.08	635.08	24.00	27.466		
4,500.00	4,448.53	4,422.88	4,278.61	12.61	17.00	39.88	-602.26	-1,055.34	672.57	647.95	24.62	27.318		
4,600.00	4,547.22	4,521.96	4,373.75	12.93	17.49	39.80	-617.59	-1,078.34	686.06	660.81	25.25	27.172		
4,700.00	4,645.92	4,621.05	4,468.90	13.26	17.98	39.73	-632.93	-1,101.34	699.55	673.66	25.88	27.026		
4,800.00	4,744.61	4,720.13	4,564.05	13.60	18.47	39.66	-648.27	-1,124.33	713.04	686.51	26.52	26.882		
4,900.00	4,843.31	4,819.21	4,659.20	13.93	18.96	39.60	-663.61	-1,147.33	726.53	699.36	27.17	26.741		
5,000.00	4,942.00	4,918.29	4,754.35	14.27	19.46	39.54	-678.94	-1,170.33	740.03	712.21	27.82	26.602		
5,100.00	5,040.69	5,017.38	4,849.49	14.61	19.96	39.47	-694.28	-1,193.33	753.52	725.05	28.47	26.465		
5,200.00	5,139.39	5,116.46	4,944.64	14.95	20.46	39.42	-709.62	-1,216.33	767.02	737.89	29.13	26.331		
5,300.00	5,238.08	5,215.54	5,039.79	15.29	20.97	39.36	-724.96	-1,239.32	780.51	750.72	29.79	26.200		
5,400.00	5,336.78	5,314.62	5,134.94	15.64	21.47	39.30	-740.29	-1,262.32	794.01	763.56	30.45	26.072		
5,500.00	5,435.47	5,413.70	5,230.08	15.98	21.98	39.25	-755.63	-1,285.32	807.51	776.39	31.12	25.946		
5,600.00	5,534.16	5,512.79	5,325.23	16.33	22.49	39.20	-770.97	-1,308.32	821.01	789.21	31.79	25.824		
5,700.00	5,632.86	5,611.87	5,420.38	16.68	23.00	39.15	-786.31	-1,331.31	834.51	802.04	32.47	25.705		
5,800.00	5,731.55	5,710.95	5,515.53	17.03	23.51	39.10	-801.64	-1,354.31	848.01	814.87	33.14	25.588		
5,900.00	5,830.25	5,810.03	5,610.68	17.38	24.02	39.06	-816.98	-1,377.31	861.51	827.69	33.82	25.474		
6,000.00	5,928.94	5,909.11	5,705.82	17.74	24.53	39.01	-832.32	-1,400.31	875.01	840.51	34.50	25.363		
6,100.00	6,027.63	6,008.20	5,800.97	18.09	25.05	38.97	-847.66	-1,423.31	888.51	853.33	35.18	25.255		
6,200.00	6,126.33	6,107.28	5,896.12	18.44	25.57	38.92	-862.99	-1,446.30	902.01	866.15	35.87	25.150		
6,300.00	6,225.02	6,206.36	5,991.27	18.80	26.08	38.88	-878.33	-1,469.30	915.51	878.96	36.55	25.047		
6,400.00	6,323.72	6,305.44	6,086.42	19.16	26.60	38.84	-893.67	-1,492.30	929.02	891.78	37.24	24.947		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
6,500.00	6,422.41	8,115.60	7,194.63	19.52	37.31	-56.21	-1,071.86	-633.22	836.44	802.71	33.73	24.796		
6,600.00	6,520.95	8,105.79	7,194.46	19.88	37.12	-77.33	-1,071.84	-643.04	741.18	706.57	34.62	21.410		
6,700.00	6,617.12	8,083.30	7,194.08	20.29	36.72	-107.14	-1,071.78	-665.53	649.20	613.58	35.63	18.223		
6,800.00	6,708.34	8,045.86	7,193.44	20.81	36.06	-120.06	-1,071.70	-702.96	563.32	526.52	36.79	15.311		
6,900.00	6,792.37	7,994.39	7,192.56	21.44	35.18	-125.73	-1,071.58	-754.42	486.08	447.90	38.17	12.734		
7,000.00	6,867.14	7,930.17	7,191.47	22.21	34.18	-127.49	-1,071.42	-818.63	419.75	379.90	39.86	10.532		
7,100.00	6,930.81	7,854.76	7,190.18	23.15	33.12	-126.81	-1,071.25	-894.03	366.06	324.22	41.84	8.749		
7,200.00	6,981.81	7,760.58	7,188.09	24.30	31.96	-124.00	-1,070.95	-988.18	325.56	282.05	43.51	7.482		
7,300.00	7,018.89	7,630.72	7,167.92	25.69	30.73	-116.83	-1,067.75	-1,116.20	289.72	245.52	44.20	6.555		
7,400.00	7,041.12	7,517.90	7,129.89	27.32	29.95	-108.13	-1,061.66	-1,222.08	257.39	210.43	46.96	5.481		
7,500.00	7,047.98	7,417.55	7,081.03	29.15	29.49	-97.88	-1,053.83	-1,309.27	232.69	181.46	51.23	4.542		
7,600.00	7,047.53	7,331.70	7,028.94	31.13	29.23	-84.60	-1,045.46	-1,376.90	218.66	162.42	56.25	3.888		
7,630.58	7,047.39	7,308.89	7,013.62	31.78	29.17	-80.54	-1,043.00	-1,393.63	217.68	160.04	57.63	3.777	ES	
7,700.00	7,047.07	7,262.37	6,980.61	33.28	29.09	-71.84	-1,037.70	-1,425.95	223.30	163.55	59.75	3.737	SF	
7,800.00	7,046.61	7,206.46	6,937.98	35.55	29.01	-61.22	-1,030.84	-1,461.45	252.00	192.07	59.93	4.205		
7,900.00	7,046.15	7,161.05	6,901.21	37.92	28.96	-53.02	-1,024.93	-1,487.40	301.71	243.68	58.02	5.200		
8,000.00	7,045.70	7,123.81	6,869.74	40.38	28.94	-46.84	-1,019.87	-1,506.66	366.12	310.34	55.78	6.564		
8,100.00	7,045.24	7,092.90	6,842.82	42.91	28.92	-42.18	-1,015.54	-1,521.20	440.09	386.19	53.90	8.165		
8,200.00	7,044.78	7,066.96	6,819.71	45.49	28.90	-38.60	-1,011.82	-1,532.38	520.33	467.87	52.47	9.917		
8,300.00	7,044.32	7,050.00	6,804.36	48.12	28.89	-36.43	-1,009.35	-1,539.17	604.87	553.32	51.54	11.735		
8,400.00	7,043.87	7,026.06	6,782.41	50.79	28.88	-33.58	-1,005.81	-1,548.04	692.33	641.72	50.60	13.681		
8,500.00	7,043.41	7,000.00	6,758.16	53.49	28.87	-30.75	-1,001.91	-1,556.73	782.16	732.37	49.79	15.709		
8,600.00	7,042.95	7,000.00	6,758.16	56.22	28.87	-30.75	-1,001.91	-1,556.73	873.41	823.78	49.62	17.600		
8,700.00	7,042.49	6,982.90	6,742.07	58.97	28.86	-29.04	-999.32	-1,561.89	966.01	916.84	49.17	19.645		
8,800.00	7,042.03	6,971.79	6,731.53	61.74	28.85	-27.99	-997.63	-1,565.01	1,059.66	1,010.77	48.89	21.675		
8,900.00	7,041.58	6,950.00	6,710.74	64.53	28.84	-26.05	-994.28	-1,570.58	1,154.30	1,105.81	48.49	23.805		

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	
1,900.00	1,882.49	1,854.45	1,852.83	6.57	5.74	-42.42	-1,366.34	-94.18	1,191.97	1,179.51	12.46	95.679		
2,000.00	1,981.18	1,953.75	1,952.02	6.63	5.76	-42.75	-1,368.89	-98.00	1,182.43	1,169.90	12.53	94.347		
2,100.00	2,079.87	2,053.05	2,051.22	6.72	5.80	-43.09	-1,371.44	-101.81	1,172.93	1,160.29	12.64	92.797		
2,200.00	2,178.57	2,152.35	2,150.41	6.82	5.85	-43.44	-1,374.00	-105.63	1,163.48	1,150.70	12.78	91.052		
2,300.00	2,277.26	2,251.66	2,249.61	6.95	5.91	-43.79	-1,376.55	-109.44	1,154.06	1,141.12	12.95	89.138		
2,400.00	2,375.96	2,350.96	2,348.81	7.09	5.99	-44.15	-1,379.11	-113.26	1,144.69	1,131.55	13.15	87.080		
2,500.00	2,474.65	2,450.26	2,448.00	7.25	6.08	-44.51	-1,381.66	-117.08	1,135.37	1,122.00	13.37	84.908		
2,600.00	2,573.34	2,549.56	2,547.20	7.42	6.18	-44.88	-1,384.22	-120.89	1,126.09	1,112.47	13.63	82.648		
2,700.00	2,672.04	2,648.87	2,646.40	7.61	6.30	-45.25	-1,386.77	-124.71	1,116.86	1,102.96	13.90	80.326		
2,800.00	2,770.73	2,748.17	2,745.59	7.82	6.42	-45.64	-1,389.32	-128.52	1,107.68	1,093.48	14.21	77.965		
2,900.00	2,869.43	2,847.47	2,844.79	8.03	6.55	-46.02	-1,391.88	-132.34	1,098.55	1,084.02	14.53	75.589		
3,000.00	2,968.12	2,946.77	2,943.99	8.26	6.70	-46.42	-1,394.43	-136.15	1,089.47	1,074.59	14.88	73.215		
3,100.00	3,066.81	3,046.08	3,043.18	8.50	6.85	-46.82	-1,396.99	-139.97	1,080.44	1,065.20	15.25	70.859		
3,200.00	3,165.51	3,145.38	3,142.38	8.75	7.01	-47.23	-1,399.54	-143.78	1,071.47	1,055.84	15.63	68.535		
3,300.00	3,264.20	3,244.68	3,241.57	9.01	7.18	-47.64	-1,402.09	-147.60	1,062.55	1,046.51	16.04	66.255		
3,400.00	3,362.90	3,343.99	3,340.77	9.28	7.35	-48.06	-1,404.65	-151.41	1,053.69	1,037.23	16.46	64.026		
3,500.00	3,461.59	3,443.29	3,439.97	9.55	7.54	-48.49	-1,407.20	-155.23	1,044.88	1,027.99	16.89	61.855		
3,600.00	3,560.28	3,542.59	3,539.16	9.84	7.72	-48.93	-1,409.76	-159.04	1,036.14	1,018.79	17.34	59.748		
3,700.00	3,658.98	3,641.89	3,638.36	10.12	7.92	-49.37	-1,412.31	-162.86	1,027.45	1,009.65	17.80	57.707		
3,800.00	3,757.67	3,741.20	3,737.56	10.42	8.12	-49.82	-1,414.86	-166.67	1,018.83	1,000.55	18.28	55.736		
3,900.00	3,856.37	3,840.50	3,836.75	10.72	8.32	-50.28	-1,417.42	-170.49	1,010.27	991.50	18.77	53.834		
4,000.00	3,955.06	3,939.80	3,935.95	11.02	8.53	-50.74	-1,419.97	-174.30	1,001.78	982.51	19.26	52.002		
4,100.00	4,053.75	4,039.10	4,035.15	11.33	8.74	-51.22	-1,422.53	-178.12	993.35	973.58	19.77	50.240		
4,200.00	4,152.45	4,138.41	4,134.34	11.64	8.96	-51.70	-1,425.08	-181.93	985.00	964.71	20.29	48.546		
4,300.00	4,251.14	4,237.71	4,233.54	11.96	9.18	-52.19	-1,427.63	-185.75	976.71	955.89	20.82	46.920		
4,400.00	4,349.84	4,337.01	4,332.73	12.28	9.41	-52.69	-1,430.19	-189.56	968.50	947.15	21.35	45.360		
4,500.00	4,448.53	4,436.31	4,431.93	12.61	9.63	-53.19	-1,432.74	-193.38	960.36	938.46	21.89	43.863		
4,600.00	4,547.22	4,535.62	4,531.13	12.93	9.86	-53.71	-1,435.30	-197.20	952.30	929.85	22.45	42.427		
4,700.00	4,645.92	4,634.92	4,630.32	13.26	10.10	-54.23	-1,437.85	-201.01	944.31	921.31	23.00	41.051		
4,800.00	4,744.61	4,734.22	4,729.52	13.60	10.33	-54.77	-1,440.40	-204.83	936.41	912.84	23.57	39.732		
4,900.00	4,843.31	4,833.52	4,828.72	13.93	10.57	-55.31	-1,442.96	-208.64	928.59	904.45	24.14	38.468		
5,000.00	4,942.00	4,932.83	4,927.91	14.27	10.81	-55.86	-1,445.51	-212.46	920.85	896.13	24.72	37.256		
5,100.00	5,040.69	5,032.13	5,027.11	14.61	11.05	-56.42	-1,448.07	-216.27	913.20	887.90	25.30	36.095		
5,200.00	5,139.39	5,131.43	5,126.31	14.95	11.30	-56.99	-1,450.62	-220.09	905.64	879.75	25.89	34.982		
5,300.00	5,238.08	5,230.73	5,225.50	15.29	11.55	-57.57	-1,453.18	-223.90	898.17	871.69	26.48	33.915		
5,400.00	5,336.78	5,330.04	5,324.70	15.64	11.79	-58.15	-1,455.73	-227.72	890.79	863.71	27.08	32.893		
5,500.00	5,435.47	5,429.34	5,423.90	15.98	12.04	-58.75	-1,458.28	-231.53	883.51	855.83	27.69	31.912		
5,600.00	5,534.16	5,528.64	5,523.09	16.33	12.30	-59.36	-1,460.84	-235.35	876.33	848.04	28.29	30.971		
5,700.00	5,632.86	5,627.94	5,622.29	16.68	12.55	-59.98	-1,463.39	-239.16	869.25	840.34	28.91	30.069		
5,800.00	5,731.55	5,727.25	5,721.48	17.03	12.80	-60.60	-1,465.95	-242.98	862.27	832.74	29.53	29.204		
5,900.00	5,830.25	5,826.55	5,820.68	17.38	13.06	-61.24	-1,468.50	-246.79	855.40	825.25	30.15	28.374		
6,000.00	5,928.94	5,925.85	5,919.88	17.74	13.31	-61.89	-1,471.05	-250.61	848.63	817.86	30.77	27.577		
6,100.00	6,027.63	6,025.16	6,019.07	18.09	13.57	-62.55	-1,473.61	-254.42	841.98	810.58	31.40	26.813		
6,200.00	6,126.33	6,124.46	6,118.27	18.44	13.83	-63.22	-1,476.16	-258.24	835.44	803.40	32.03	26.079		
6,300.00	6,225.02	6,223.76	6,217.47	18.80	14.09	-63.89	-1,478.72	-262.05	829.01	796.34	32.67	25.375		
6,400.00	6,323.72	6,323.06	6,316.66	19.16	14.35	-64.58	-1,481.27	-265.87	822.70	789.39	33.31	24.698		
6,500.00	6,422.41	6,422.37	6,415.86	19.52	14.61	-65.28	-1,483.82	-269.68	816.52	782.57	33.95	24.048		
6,600.00	6,520.95	6,521.56	6,514.95	19.88	14.88	-65.94	-1,486.38	-273.50	811.02	776.41	34.61	23.436		
6,642.32	6,562.10	6,563.13	6,556.47	20.05	14.99	-66.74	-1,487.44	-275.09	810.33	775.41	34.92	23.204 CC, ES		
6,700.00	6,617.12	6,618.87	6,612.15	20.29	15.13	-66.61	-1,488.88	-277.23	811.66	776.29	35.37	22.949		
6,800.00	6,708.34	6,689.78	6,683.00	20.81	15.31	-103.96	-1,490.70	-279.06	821.52	785.30	36.22	22.681 SF		
6,900.00	6,792.37	6,737.80	6,730.93	21.44	15.40	-107.20	-1,491.93	-276.53	844.74	807.62	37.12	22.756		
7,000.00	6,867.14	6,774.87	6,767.72	22.21	15.46	-107.77	-1,492.86	-272.12	882.13	844.05	38.08	23.167		
7,100.00	6,930.81	6,800.00	6,792.49	23.15	15.51	-105.68	-1,493.49	-267.91	932.98	893.95	39.03	23.903		
7,200.00	6,981.81	6,816.85	6,809.00	24.30	15.54	-100.91	-1,493.91	-264.54	995.42	955.46	39.96	24.911		
7,300.00	7,018.89	6,824.10	6,816.07	25.69	15.55	-93.06	-1,494.09	-262.96	1,066.80	1,025.98	40.81	26.138		
7,400.00	7,041.12	6,824.08	6,816.05	27.32	15.55	-82.37	-1,494.09	-262.97	1,144.18	1,102.60	41.58	27.519		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference				Offset			Semi Major Axis			Distance			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	2.00	3.28	3.28	-89.53	1.46	-179.87	179.88				
100.00	100.00	102.00	102.00	3.28	3.28	-89.53	1.46	-179.87	179.88	172.35	7.53	23.896	
200.00	200.00	202.00	202.00	3.30	3.30	-89.53	1.46	-179.87	179.88	172.31	7.57	23.764	
272.09	272.09	272.83	272.83	3.33	3.33	50.86	1.42	-179.95	179.67	172.05	7.62	23.567	
300.00	300.00	299.29	299.29	3.34	3.34	50.80	1.26	-180.24	179.99	172.34	7.65	23.531	
400.00	399.93	394.06	394.00	3.40	3.40	51.11	-0.25	-183.06	180.75	173.00	7.75	23.317	
500.00	499.68	488.80	488.52	3.48	3.47	51.74	-3.25	-188.63	182.21	174.32	7.89	23.084	
600.00	599.13	583.49	582.74	3.59	3.57	52.67	-7.73	-196.94	184.43	176.35	8.08	22.828	
700.00	698.15	678.12	676.53	3.73	3.70	53.86	-13.68	-207.99	187.44	179.12	8.31	22.543	
800.00	796.85	772.67	769.77	3.90	3.87	55.06	-21.08	-221.74	192.05	183.44	8.61	22.317	
900.00	895.54	867.01	862.25	4.11	4.07	55.70	-29.92	-238.15	199.44	190.49	8.95	22.288	
1,000.00	994.24	960.95	953.68	4.33	4.32	55.81	-40.15	-257.15	209.56	200.22	9.34	22.442	
1,100.00	1,092.93	1,055.05	1,044.51	4.58	4.62	55.47	-51.80	-278.79	222.35	212.58	9.77	22.754	
1,200.00	1,191.63	1,154.07	1,139.76	4.85	4.97	54.97	-64.62	-302.60	236.17	225.89	10.29	22.953	
1,300.00	1,290.32	1,253.09	1,235.02	5.13	5.36	54.54	-77.44	-326.42	250.01	239.17	10.84	23.065	
1,400.00	1,389.01	1,352.12	1,330.27	5.42	5.77	54.15	-90.26	-350.23	263.86	252.45	11.42	23.107	
1,500.00	1,487.71	1,451.14	1,425.53	5.72	6.20	53.80	-103.09	-374.04	277.73	265.71	12.01	23.118	
1,600.00	1,586.40	1,550.16	1,520.79	6.03	6.65	53.48	-115.91	-397.85	291.60	278.96	12.63	23.082	
1,700.00	1,685.10	1,649.18	1,616.04	6.35	7.10	53.19	-128.73	-421.66	305.48	292.21	13.27	23.023	
1,800.00	1,783.79	1,748.20	1,711.30	6.53	7.47	52.92	-141.55	-445.48	319.36	305.88	13.48	23.690	
1,900.00	1,882.49	1,847.22	1,806.56	6.57	7.64	52.68	-154.37	-469.29	333.25	319.80	13.45	24.773	
2,000.00	1,981.18	1,946.24	1,901.81	6.63	7.74	52.46	-167.19	-493.10	347.15	333.60	13.55	25.619	
2,100.00	2,079.87	2,045.26	1,997.07	6.72	7.87	52.25	-180.01	-516.91	361.06	347.36	13.69	26.367	
2,200.00	2,178.57	2,144.28	2,092.32	6.82	8.04	52.06	-192.83	-540.73	374.96	361.08	13.88	27.015	
2,300.00	2,277.26	2,243.30	2,187.58	6.95	8.24	51.89	-205.66	-564.54	388.87	374.76	14.11	27.565	
2,400.00	2,375.96	2,342.32	2,282.84	7.09	8.46	51.72	-218.48	-588.35	402.79	388.41	14.37	28.021	
2,500.00	2,474.65	2,441.35	2,378.09	7.25	8.71	51.57	-231.30	-612.16	416.70	402.02	14.68	28.390	
2,600.00	2,573.34	2,540.37	2,473.35	7.42	8.99	51.43	-244.12	-635.97	430.62	415.61	15.02	28.679	
2,700.00	2,672.04	2,639.39	2,568.60	7.61	9.29	51.29	-256.94	-659.79	444.54	429.16	15.38	28.895	
2,800.00	2,770.73	2,738.41	2,663.86	7.82	9.61	51.16	-269.76	-683.60	458.47	442.68	15.78	29.047	
2,900.00	2,869.43	2,837.43	2,759.12	8.03	9.95	51.05	-282.58	-707.41	472.39	456.19	16.21	29.142	
3,000.00	2,968.12	2,936.45	2,854.37	8.26	10.31	50.93	-295.41	-731.22	486.32	469.66	16.66	29.190	
3,100.00	3,066.81	3,035.47	2,949.63	8.50	10.68	50.83	-308.23	-755.04	500.25	483.12	17.13	29.196	
3,200.00	3,165.51	3,134.49	3,044.89	8.75	11.06	50.73	-321.05	-778.85	514.18	496.56	17.63	29.168	
3,300.00	3,264.20	3,233.51	3,140.14	9.01	11.46	50.63	-333.87	-802.66	528.12	509.98	18.14	29.110	
3,400.00	3,362.90	3,332.53	3,235.40	9.28	11.86	50.54	-346.69	-826.47	542.05	523.38	18.67	29.029	
3,500.00	3,461.59	3,431.55	3,330.65	9.55	12.28	50.46	-359.51	-850.28	555.99	536.77	19.22	28.929	
3,600.00	3,560.28	3,530.58	3,425.91	9.84	12.71	50.38	-372.33	-874.10	569.92	550.14	19.78	28.813	
3,700.00	3,658.98	3,629.60	3,521.17	10.12	13.14	50.30	-385.15	-897.91	583.86	563.51	20.35	28.686	
3,800.00	3,757.67	3,728.62	3,616.42	10.42	13.58	50.22	-397.98	-921.72	597.80	576.86	20.94	28.548	
3,900.00	3,856.37	3,827.64	3,711.68	10.72	14.03	50.15	-410.80	-945.53	611.74	590.20	21.54	28.404	
4,000.00	3,955.06	3,926.66	3,806.93	11.02	14.48	50.09	-423.62	-969.35	625.68	603.54	22.14	28.255	
4,100.00	4,053.75	4,025.68	3,902.19	11.33	14.94	50.02	-436.44	-993.16	639.62	616.86	22.76	28.102	
4,200.00	4,152.45	4,124.70	3,997.45	11.64	15.40	49.96	-449.26	-1,016.97	653.57	630.18	23.39	27.948	
4,300.00	4,251.14	4,223.72	4,092.70	11.96	15.87	49.90	-462.08	-1,040.78	667.51	643.49	24.02	27.792	
4,400.00	4,349.84	4,322.74	4,187.96	12.28	16.34	49.84	-474.90	-1,064.59	681.45	656.79	24.66	27.636	
4,500.00	4,448.53	4,421.76	4,283.21	12.61	16.82	49.79	-487.73	-1,088.41	695.40	670.09	25.30	27.481	
4,600.00	4,547.22	4,520.78	4,378.47	12.93	17.30	49.74	-500.55	-1,112.22	709.34	683.38	25.96	27.328	
4,700.00	4,645.92	4,619.81	4,473.73	13.26	17.78	49.69	-513.37	-1,136.03	723.29	696.67	26.62	27.176	
4,800.00	4,744.61	4,718.83	4,568.98	13.60	18.26	49.64	-526.19	-1,159.84	737.23	709.95	27.28	27.026	
4,900.00	4,843.31	4,817.85	4,664.24	13.93	18.75	49.59	-539.01	-1,183.66	751.18	723.23	27.95	26.879	
5,000.00	4,942.00	4,916.87	4,759.50	14.27	19.24	49.55	-551.83	-1,207.47	765.13	736.51	28.62	26.734	
5,100.00	5,040.69	5,015.89	4,854.75	14.61	19.73	49.50	-564.65	-1,231.28	779.07	749.78	29.30	26.593	
5,200.00	5,139.39	5,114.91	4,950.01	14.95	20.23	49.46	-577.48	-1,255.09	793.02	763.04	29.98	26.454	
5,300.00	5,238.08	5,213.93	5,045.26	15.29	20.72	49.42	-590.30	-1,278.91	806.97	776.31	30.66	26.319	
5,400.00	5,336.78	5,312.95	5,140.52	15.64	21.22	49.38	-603.12	-1,302.72	820.92	789.57	31.35	26.186	
5,500.00	5,435.47	5,411.97	5,235.78	15.98	21.72	49.35	-615.94	-1,326.53	834.87	802.83	32.04	26.057	
5,600.00	5,534.16	5,510.99	5,331.03	16.33	22.22	49.31	-628.76	-1,350.34	848.81	816.08	32.73	25.931	
5,700.00	5,632.86	5,610.01	5,426.29	16.68	22.73	49.27	-641.58	-1,374.15	862.76	829.33	33.43	25.808	
5,800.00	5,731.55	5,709.04	5,521.54	17.03	23.23	49.24	-654.40	-1,397.97	876.71	842.58	34.13	25.688	
5,900.00	5,830.25	5,808.06	5,616.80	17.38	23.74	49.21	-667.22	-1,421.78	890.66	855.83	34.83	25.571	
6,000.00	5,928.94	5,907.08	5,712.06	17.74	24.25	49.18	-680.05	-1,445.59	904.61	869.08	35.53	25.457	
6,100.00	6,027.63	6,006.10	5,807.31	18.09	24.75	49.14	-692.87	-1,469.40	918.57	882.32	36.24	25.346	
6,200.00	6,126.33	6,105.12	5,902.63	18.44	25.25	49.10	-705.69	-1,493.21	932.52	895.56	36.96	25.237	
6,300.00	6,225.02	6,204.14	6,000.00	18.79	25.75	49.06	-718.51	-1,517.02	946.57	908.60	37.69	25.131	
6,400.00	6,323.72	6,302.76	6,098.41	19.16	26.25	49.02	-731.33	-1,540.83	960.66	921.61	38.43	25.028	
6,500.00	6,422.41	6,401.07	6,196.80	19.53	26.75	48.98	-744.15	-1,564.64	974.77	934.61	39.18	24.928	
6,600.00	6,521.10	6,500.00	6,295.19	19.90	27.25	48.94	-756.97	-1,588.45	988.87	947.61	39.94	24.830	
6,700.00	6,619.79	6,600.00	6,393.58	20.27	27.75	48.90	-769.79	-1,612.26	1002.97	960.61	40.71	24.734	
6,800.00	6,718.48	6,700.00	6,491.97	20.64	28.25	48.86	-782.61	-1,636.07	1017.07	973.61	41.49	24.640	
6,900.00	6,817.17	6,800.00	6,590.36	21.01	28.75	48.82	-795.43	-1,659.88	1031.17	986.61	42.28	24.548	
7,000.00	6,915.86	6,900.00	6,688.75	21.38	29.25	48.78	-808.25	-1,683.69	1045.27	999.61	43.08	24.458	
7,100.00	7,014.55	7,000.00	6,787.14	21.75	29.75	48.74	-821.07	-1,707.50	1059.37	1012.61	43.89	24.370	
7,200.00	7,113.24	7,100.00	6,885.53	22.12	30.25	48.70	-833.89	-1,731.31	1073.47	1025.61	44.71	24.284	
7,300.00	7,211.93	7,200.00	6,983.92	22.49	30.75	48.66	-846.71	-1,755.12	1087.57	1038.61	45.54	24.200	
7,400.00	7,310.62	7,300.00	7,082.31	22.86	31.25	48.62	-859.53	-1,778.93	1101.67	1051.61	46.38	24.118	
7,500.00	7,409.31	7,400.00	7,180.70	23.23	31.75	48.58	-872.35	-1,802.74	1115.77	1064.61	47.23	24.038	
7,600.00	7,508.00	7,500.00	7,279.09	23.60	32.25	48.54	-885.17						

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	
6,500.00	6,422.41	7,902.12	6,996.26	19.52	37.02	-94.55	-852.00	-630.23	581.69	551.38	30.32	19.186		
6,600.00	6,520.95	7,888.22	6,996.07	19.88	36.75	-117.03	-851.98	-639.89	482.38	451.79	30.60	15.766		
6,700.00	6,617.12	7,865.89	6,995.65	20.29	36.33	-142.00	-851.94	-662.22	385.31	354.44	30.88	12.480		
6,800.00	6,708.34	7,828.60	6,994.95	20.81	35.63	-150.19	-851.88	-699.50	293.09	261.92	31.17	9.403		
6,900.00	6,792.37	7,777.27	6,993.99	21.44	34.70	-152.34	-851.79	-750.82	208.16	176.50	31.66	6.575		
7,000.00	6,867.14	7,713.17	6,992.79	22.21	33.61	-149.75	-851.68	-814.91	133.05	100.14	32.91	4.043		
7,100.00	6,930.81	7,637.87	6,991.38	23.15	32.46	-138.19	-851.55	-890.19	71.25	33.83	37.42	1.904		
7,200.00	6,981.81	7,553.04	6,989.68	24.30	31.28	-97.01	-851.39	-975.00	34.08	-18.04	52.11	0.654	Level 1	
7,221.61	6,991.04	7,533.90	6,988.69	24.59	31.05	-81.55	-851.27	-994.12	32.48	-20.81	53.29	0.610	Level 1, CC, ES, SF	
7,300.00	7,018.89	7,466.58	6,980.71	25.69	30.26	-36.79	-850.25	-1,060.93	48.98	7.76	41.22	1.188	Level 2	
7,400.00	7,041.12	7,384.78	6,961.67	27.32	29.45	-15.97	-847.75	-1,140.38	87.65	53.93	33.72	2.599		
7,500.00	7,047.98	7,306.62	6,934.20	29.15	28.81	-8.19	-844.12	-1,213.41	127.52	95.39	32.13	3.969		
7,600.00	7,047.53	7,234.36	6,901.09	31.13	28.36	-4.61	-839.72	-1,277.45	172.34	140.28	32.07	5.374		
7,700.00	7,047.07	7,170.61	6,866.08	33.28	28.05	-2.21	-835.06	-1,330.48	226.77	194.20	32.56	6.964		
7,800.00	7,046.61	7,115.03	6,831.38	35.55	27.85	-0.59	-830.43	-1,373.64	289.00	255.69	33.31	8.675		
7,900.00	7,046.15	7,066.82	6,798.38	37.92	27.71	0.53	-826.02	-1,408.47	357.52	323.39	34.13	10.475		
8,000.00	7,045.70	7,025.08	6,767.75	40.38	27.62	1.34	-821.92	-1,436.53	431.08	396.15	34.92	12.344		
8,100.00	7,045.24	6,988.87	6,739.76	42.91	27.56	1.93	-818.18	-1,459.19	508.69	473.03	35.65	14.267		
8,200.00	7,044.78	6,950.00	6,708.34	45.49	27.50	2.48	-813.98	-1,481.68	589.66	553.52	36.14	16.318		
8,300.00	7,044.32	6,929.81	6,691.50	48.12	27.48	2.73	-811.72	-1,492.59	673.11	636.22	36.89	18.248		
8,400.00	7,043.87	6,900.00	6,666.04	50.79	27.45	3.07	-808.31	-1,507.69	758.87	721.57	37.30	20.345		
8,500.00	7,043.41	6,884.24	6,652.30	53.49	27.44	3.23	-806.47	-1,515.19	846.33	808.49	37.85	22.362		
8,600.00	7,042.95	6,865.27	6,635.52	56.22	27.43	3.42	-804.22	-1,523.75	935.34	897.10	38.25	24.456		
8,700.00	7,042.49	6,850.00	6,621.84	58.97	27.42	3.56	-802.39	-1,530.27	1,025.61	986.99	38.62	26.556		
8,800.00	7,042.03	6,833.19	6,606.60	61.74	27.41	3.70	-800.35	-1,537.07	1,116.93	1,078.01	38.92	28.701		

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				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
1,400.00	1,389.01	1,408.24	1,390.86	5.42	4.96	-40.83	-1,304.72	-79.17	1,190.95	1,179.86	11.10	107.302	
1,500.00	1,487.71	1,509.23	1,489.79	5.72	5.18	-41.14	-1,304.54	-83.22	1,178.48	1,166.90	11.58	101.790	
1,600.00	1,586.40	1,589.78	1,588.71	6.03	5.36	-41.46	-1,304.35	-87.28	1,166.03	1,154.01	12.03	96.962	
1,700.00	1,685.10	1,688.78	1,687.64	6.35	5.58	-41.79	-1,304.17	-91.34	1,153.63	1,141.10	12.53	92.089	
1,800.00	1,783.79	1,787.79	1,786.57	6.53	5.71	-42.12	-1,303.99	-95.39	1,141.26	1,128.83	12.43	91.808	
1,900.00	1,882.49	1,886.80	1,885.49	6.57	5.74	-42.46	-1,303.80	-99.45	1,128.93	1,116.44	12.49	90.373	
2,000.00	1,981.18	1,985.81	1,984.42	6.63	5.76	-42.81	-1,303.62	-103.50	1,116.64	1,104.07	12.57	88.827	
2,100.00	2,079.87	2,084.82	2,083.35	6.72	5.80	-43.16	-1,303.43	-107.56	1,104.39	1,091.71	12.68	87.086	
2,200.00	2,178.57	2,183.83	2,182.27	6.82	5.86	-43.53	-1,303.25	-111.61	1,092.19	1,079.36	12.82	85.171	
2,300.00	2,277.26	2,282.84	2,281.20	6.95	5.93	-43.90	-1,303.07	-115.67	1,080.03	1,067.03	13.00	83.108	
2,400.00	2,375.96	2,381.85	2,380.12	7.09	6.00	-44.28	-1,302.88	-119.72	1,067.91	1,054.72	13.20	80.924	
2,500.00	2,474.65	2,480.86	2,479.05	7.25	6.09	-44.67	-1,302.70	-123.78	1,055.85	1,042.42	13.43	78.646	
2,600.00	2,573.34	2,579.87	2,577.98	7.42	6.20	-45.07	-1,302.51	-127.84	1,043.83	1,030.15	13.68	76.259	
2,700.00	2,672.04	2,678.88	2,676.90	7.61	6.31	-45.48	-1,302.33	-131.89	1,031.87	1,017.90	13.96	73.908	
2,800.00	2,770.73	2,777.89	2,775.83	7.82	6.43	-45.89	-1,302.14	-135.95	1,019.95	1,005.69	14.27	71.496	
2,900.00	2,869.43	2,876.90	2,874.75	8.03	6.57	-46.32	-1,301.96	-140.00	1,008.10	993.50	14.59	69.081	
3,000.00	2,968.12	2,975.91	2,973.68	8.26	6.71	-46.76	-1,301.78	-144.06	996.30	981.35	14.94	66.682	
3,100.00	3,066.81	3,074.92	3,072.61	8.50	6.86	-47.20	-1,301.59	-148.11	984.55	969.24	15.31	64.312	
3,200.00	3,165.51	3,173.93	3,171.53	8.75	7.02	-47.66	-1,301.41	-152.17	972.87	957.18	15.70	61.984	
3,300.00	3,264.20	3,272.94	3,270.46	9.01	7.18	-48.13	-1,301.22	-156.22	961.25	945.15	16.10	59.708	
3,400.00	3,362.90	3,371.95	3,369.39	9.28	7.35	-48.61	-1,301.04	-160.28	949.70	933.18	16.52	57.490	
3,500.00	3,461.59	3,470.95	3,468.31	9.55	7.53	-49.10	-1,300.86	-164.34	938.22	921.26	16.95	55.337	
3,600.00	3,560.28	3,569.96	3,567.24	9.84	7.72	-49.61	-1,300.67	-168.39	926.80	909.40	17.40	53.251	
3,700.00	3,658.98	3,668.97	3,666.16	10.12	7.91	-50.12	-1,300.49	-172.45	915.46	897.59	17.87	51.237	
3,800.00	3,757.67	3,767.98	3,765.09	10.42	8.10	-50.65	-1,300.30	-176.50	904.20	885.85	18.34	49.295	
3,900.00	3,856.37	3,866.99	3,864.02	10.72	8.30	-51.19	-1,300.12	-180.56	893.01	874.18	18.83	47.426	
4,000.00	3,955.06	3,966.00	3,962.94	11.02	8.51	-51.75	-1,299.93	-184.61	881.90	862.58	19.33	45.629	
4,100.00	4,053.75	4,065.01	4,061.87	11.33	8.72	-52.32	-1,299.75	-188.67	870.88	851.05	19.84	43.904	
4,200.00	4,152.45	4,164.02	4,160.80	11.64	8.93	-52.90	-1,299.57	-192.72	859.95	839.60	20.35	42.249	
4,300.00	4,251.14	4,263.03	4,259.72	11.96	9.15	-53.50	-1,299.38	-196.78	849.11	828.23	20.88	40.663	
4,400.00	4,349.84	4,362.04	4,358.65	12.28	9.37	-54.12	-1,299.20	-200.84	838.36	816.94	21.42	39.143	
4,500.00	4,448.53	4,461.05	4,457.57	12.61	9.59	-54.75	-1,299.01	-204.89	827.71	805.75	21.96	37.688	
4,600.00	4,547.22	4,560.06	4,556.50	12.93	9.82	-55.39	-1,298.83	-208.95	817.17	794.65	22.51	36.295	
4,700.00	4,645.92	4,659.07	4,655.43	13.26	10.05	-56.06	-1,298.65	-213.00	806.73	783.66	23.07	34.962	
4,800.00	4,744.61	4,758.08	4,754.35	13.60	10.28	-56.74	-1,298.46	-217.06	796.40	772.76	23.64	33.687	
4,900.00	4,843.31	4,857.09	4,853.28	13.93	10.51	-57.44	-1,298.28	-221.11	786.19	761.98	24.21	32.468	
5,000.00	4,942.00	4,956.10	4,952.20	14.27	10.75	-58.15	-1,298.09	-225.17	776.10	751.30	24.79	31.301	
5,100.00	5,040.69	5,055.11	5,051.13	14.61	10.99	-58.89	-1,297.91	-229.23	766.13	740.75	25.38	30.186	
5,200.00	5,139.39	5,154.12	5,150.06	14.95	11.23	-59.64	-1,297.72	-233.28	756.29	730.32	25.97	29.119	
5,300.00	5,238.08	5,253.12	5,248.98	15.29	11.47	-60.41	-1,297.54	-237.34	746.58	720.01	26.57	28.099	
5,400.00	5,336.78	5,352.13	5,347.91	15.64	11.71	-61.21	-1,297.36	-241.39	737.02	709.85	27.17	27.123	
5,500.00	5,435.47	5,451.14	5,446.84	15.98	11.96	-62.02	-1,297.17	-245.45	727.60	699.82	27.78	26.190	
5,600.00	5,534.16	5,550.15	5,545.76	16.33	12.20	-62.86	-1,296.99	-249.50	718.33	689.93	28.39	25.299	
5,700.00	5,632.86	5,649.16	5,644.69	16.68	12.45	-63.71	-1,296.80	-253.56	709.22	680.20	29.01	24.446	
5,800.00	5,731.55	5,748.17	5,743.61	17.03	12.70	-64.59	-1,296.62	-257.61	700.27	670.63	29.63	23.631	
5,900.00	5,830.25	5,847.18	5,842.54	17.38	12.95	-65.49	-1,296.44	-261.67	691.49	661.23	30.26	22.852	
6,000.00	5,928.94	5,946.19	5,941.47	17.74	13.20	-66.41	-1,296.25	-265.73	682.88	651.99	30.89	22.107	
6,100.00	6,027.63	6,045.20	6,040.39	18.09	13.46	-67.36	-1,296.07	-269.78	674.46	642.94	31.52	21.396	
6,200.00	6,126.33	6,144.21	6,139.32	18.44	13.71	-68.33	-1,295.88	-273.84	666.23	634.07	32.16	20.716	
6,300.00	6,225.02	6,243.22	6,238.24	18.80	13.97	-69.32	-1,295.70	-277.89	658.19	625.39	32.80	20.067	
6,400.00	6,323.72	6,342.23	6,337.17	19.16	14.22	-70.34	-1,295.51	-281.95	650.36	616.92	33.44	19.447	
6,500.00	6,422.41	6,441.24	6,436.10	19.52	14.48	-71.38	-1,295.33	-286.00	642.74	608.65	34.09	18.855	
6,585.77	6,506.78	6,500.00	6,494.84	19.82	14.59	-84.25	-1,295.21	-285.53	639.69	605.13	34.56	18.512	
6,600.00	6,520.95	6,500.00	6,494.84	19.88	14.59	-85.62	-1,295.21	-285.53	638.82	604.22	34.60	18.462 CC, ES	
6,700.00	6,617.12	6,564.19	6,558.64	20.29	14.70	-102.48	-1,295.07	-278.84	648.05	612.87	35.18	18.419 SF	
6,800.00	6,708.34	6,614.18	6,607.68	20.81	14.78	-109.24	-1,294.94	-269.19	673.36	637.56	35.79	18.812	
6,900.00	6,792.37	6,650.00	6,642.28	21.44	14.84	-111.23	-1,294.85	-259.93	715.10	678.73	36.37	19.661	
7,000.00	6,867.14	6,680.02	6,670.84	22.21	14.89	-110.03	-1,294.76	-250.68	772.01	735.06	36.95	20.894	
7,100.00	6,930.81	6,700.00	6,689.59	23.15	14.93	-105.22	-1,294.71	-243.78	841.44	803.95	37.49	22.442	
7,200.00	6,981.81	6,700.00	6,689.59	24.30	14.93	-95.13	-1,294.71	-243.78	920.00	882.07	37.93	24.257	
7,300.00	7,018.89	6,700.00	6,689.59	25.69	14.93	-81.64	-1,294.71	-243.78	1,004.22	965.83	38.39	26.160	
7,400.00	7,041.12	6,700.00	6,689.59	27.32	14.93	-66.42	-1,294.71	-243.78	1,090.97	1,052.11	38.86	28.074	
7,500.00	7,047.98	6,700.00	6,689.59	29.15	14.93	-52.51	-1,294.71	-243.78	1,177.81	1,138.49	39.32	29.956	

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	
0.00	0.00	3.00	3.00	3.28	3.28	-60.50	101.28	-179.04	205.70	198.17	7.53	27.326		
100.00	100.00	103.00	103.00	3.30	3.30	-60.50	101.28	-179.04	205.70	198.13	7.57	27.174		
200.00	200.00	203.00	203.00	3.32	3.32	79.86	101.28	-179.04	205.66	198.05	7.61	27.033	CC, ES	
251.41	251.41	254.41	254.41	3.34	3.34	79.85	101.32	-179.46	206.04	198.39	7.65	26.933		
300.00	300.00	299.72	299.72	3.40	3.40	80.34	101.66	-182.61	208.53	200.77	7.76	26.883		
400.00	399.93	393.47	393.41	3.48	3.48	81.29	102.30	-188.78	213.46	205.55	7.90	27.008		
500.00	499.68	487.00	486.73	3.59	3.58	82.64	103.27	-197.94	220.92	212.83	8.10	27.290		
600.00	599.13	580.19	579.46	3.73	3.71	84.28	104.54	-210.02	231.04	222.70	8.34	27.704		
700.00	698.15	672.91	671.38	3.90	3.86	86.05	106.11	-224.97	244.01	235.37	8.64	28.242		
800.00	796.85	765.12	762.34	4.11	4.06	87.34	107.97	-242.71	259.90	250.91	8.99	28.912		
900.00	895.54	856.79	852.26	4.33	4.29	88.15	110.15	-263.41	278.50	269.11	9.39	29.657		
1,000.00	994.24	949.20	942.29	4.58	4.58	88.81	112.56	-286.34	297.99	288.12	9.87	30.188		
1,100.00	1,092.93	1,047.23	1,037.57	4.85	4.89	89.38	114.97	-309.26	317.52	307.13	10.39	30.555		
1,200.00	1,191.63	1,145.26	1,132.85	5.13	5.23	89.89	117.38	-332.18	337.07	326.13	10.94	30.800		
1,300.00	1,290.32	1,243.28	1,228.13	5.42	5.58	90.35	119.79	-355.11	356.65	345.12	11.53	30.941		
1,400.00	1,389.01	1,341.31	1,323.41	5.72	5.96	90.75	122.20	-378.03	376.25	364.12	12.13	31.025		
1,500.00	1,487.71	1,439.34	1,418.69	6.03	6.34	91.12	124.61	-400.96	395.86	383.10	12.75	31.041		
1,600.00	1,586.40	1,537.37	1,513.97	6.35	6.74	91.45	127.02	-423.88	415.48	402.09	13.39	31.018		
1,700.00	1,685.10	1,635.40	1,609.25	6.53	7.08	91.75	129.43	-446.81	435.12	421.48	13.64	31.893		
1,800.00	1,783.79	1,733.43	1,704.53	6.57	7.25	92.02	131.83	-469.73	454.77	441.12	13.65	33.309		
1,900.00	1,882.49	1,831.45	1,799.81	6.63	7.32	92.27	134.24	-492.65	474.43	460.66	13.77	34.460		
2,000.00	1,981.18	1,929.48	1,895.09	6.72	7.43	92.51	136.65	-515.58	494.09	480.17	13.93	35.481		
2,100.00	2,079.87	2,027.51	1,990.37	6.82	7.56	92.72	139.06	-538.50	513.76	499.64	14.13	36.371		
2,200.00	2,178.57	2,125.54	2,085.65	6.95	7.71	92.92	141.47	-561.43	533.44	519.08	14.37	37.131		
2,300.00	2,277.26	2,223.57	2,180.93	7.09	7.89	93.10	143.88	-584.35	553.13	538.48	14.65	37.767		
2,400.00	2,375.96	2,321.60	2,276.21	7.25	8.10	93.28	146.29	-607.28	572.82	557.86	14.96	38.286		
2,500.00	2,474.65	2,419.62	2,371.49	7.42	8.32	93.44	148.70	-630.20	592.51	577.20	15.31	38.698		
2,600.00	2,573.34	2,517.65	2,466.77	7.61	8.57	93.59	151.11	-653.12	612.21	596.52	15.69	39.012		
2,700.00	2,672.04	2,615.68	2,562.05	7.82	8.83	93.73	153.52	-676.05	631.92	615.81	16.10	39.239		
2,800.00	2,770.73	2,713.71	2,657.33	8.03	9.11	93.86	155.93	-698.97	651.62	635.08	16.54	39.390		
2,900.00	2,869.43	2,811.74	2,752.61	8.26	9.40	93.98	158.34	-721.90	671.33	654.33	17.01	39.478		
3,000.00	2,968.12	2,909.77	2,847.89	8.50	9.71	94.10	160.75	-744.82	691.04	673.55	17.49	39.503		
3,100.00	3,066.81	3,007.80	2,943.17	8.75	10.03	94.21	163.16	-767.75	710.76	692.76	18.00	39.483		
3,200.00	3,165.51	3,105.82	3,038.45	9.01	10.36	94.32	165.57	-790.67	730.47	711.95	18.53	39.423		
3,300.00	3,264.20	3,203.85	3,133.73	9.28	10.70	94.42	167.98	-813.59	750.19	731.12	19.07	39.330		
3,400.00	3,362.90	3,301.88	3,229.01	9.55	11.06	94.51	170.39	-836.52	769.92	750.28	19.64	39.208		
3,500.00	3,461.59	3,400.09	3,324.29	9.84	11.41	94.60	172.80	-859.44	789.64	769.43	20.21	39.067		
3,600.00	3,560.28	3,497.94	3,419.57	10.12	11.81	94.68	175.21	-882.37	809.36	788.54	20.83	38.859		
3,700.00	3,658.98	3,604.03	3,514.85	10.42	12.20	94.77	177.62	-905.29	829.09	807.65	21.44	38.663		
3,800.00	3,757.67	3,706.01	3,610.13	10.72	12.60	94.84	180.03	-928.22	848.82	826.75	22.07	38.457		
3,900.00	3,856.37	3,807.98	3,705.41	11.02	13.00	94.92	182.44	-951.14	868.55	845.84	22.71	38.244		
4,000.00	3,955.06	3,909.95	3,800.69	11.33	13.31	94.99	184.85	-974.06	888.28	865.00	23.28	38.158		
4,100.00	4,053.75	3,988.08	3,895.97	11.64	13.71	95.06	187.26	-996.99	908.01	884.09	23.92	37.956		
4,200.00	4,152.45	4,086.11	3,991.25	11.96	14.11	95.12	189.67	-1,019.91	927.75	903.17	24.57	37.753		
4,300.00	4,251.14	4,184.14	4,086.53	12.28	14.51	95.18	192.08	-1,042.84	947.48	922.25	25.23	37.549		
4,400.00	4,349.84	4,282.16	4,181.81	12.61	14.92	95.24	194.48	-1,065.76	967.22	941.32	25.90	37.345		
4,500.00	4,448.53	4,380.19	4,277.09	12.93	15.33	95.30	196.89	-1,088.69	986.95	960.38	26.57	37.143		
4,600.00	4,547.22	4,478.22	4,372.36	13.26	15.74	95.35	199.30	-1,111.61	1,006.69	979.44	27.25	36.943		
4,700.00	4,645.92	4,576.25	4,467.64	13.60	16.16	95.41	201.71	-1,134.53	1,026.43	998.49	27.93	36.745		
4,800.00	4,744.61	4,674.28	4,562.92	13.93	16.58	95.46	204.12	-1,157.46	1,046.17	1,017.54	28.62	36.550		
4,900.00	4,843.31	4,772.31	4,658.20	14.27	17.00	95.51	206.53	-1,180.38	1,065.91	1,036.59	29.32	36.358		
5,000.00	4,942.00	4,870.33	4,753.48	14.61	17.43	95.55	208.94	-1,203.31	1,085.65	1,055.63	30.02	36.170		
5,100.00	5,040.69	4,968.36	4,848.76	14.95	17.85	95.60	211.35	-1,226.23	1,105.39	1,074.67	30.72	35.985		
5,200.00	5,139.39	5,066.39	4,944.04	15.29	18.28	95.64	213.76	-1,249.16	1,125.13	1,093.71	31.42	35.805		
5,300.00	5,238.08	5,164.42	5,039.32	15.64	18.71	95.68	216.17	-1,272.08	1,144.87	1,112.74	32.13	35.628		
5,400.00	5,336.78	5,262.45	5,134.60	15.98	19.14	95.72	218.58	-1,295.00	1,164.62	1,131.77	32.85	35.456		
5,500.00	5,435.47	5,360.48	5,229.88	16.33	19.58	95.76	220.99	-1,317.93	1,184.36	1,150.80	33.56	35.287		
5,600.00	5,534.16	5,458.50	5,325.16	20.29	35.78	118.18	266.13	-665.25	1,174.95	1,124.89	50.06	23.472		
6,700.00	6,617.12	7,983.96	7,173.10	20.81	35.04	112.86	266.17	-702.40	1,145.21	1,094.17	51.04	22.438		
6,800.00	6,708.34	7,946.81	7,172.35	21.44	34.04	109.29	266.22	-753.59	1,123.89	1,072.22	51.67	21.752		
6,900.00	6,792.37	7,895.60	7,171.31	22.21	32.87	106.08	266.28	-817.58	1,110.16	1,058.10	52.06	21.324		
7,000.00	6,867.14	7,831.60	7,170.01	23.15	31.57	103.00	266.35	-892.77	1,102.60	1,050.28	52.32	21.073		
7,100.00	6,930.81	7,756.40	7,168.49	24.30	30.13	100.03	266.43	-982.79	1,099.39	1,046.84	52.54	20.923		
7,200.00	6,981.81	7,666.35	7,166.44	25.69	28.43	96.56	266.17	-1,103.12	1,097.13	1,044.34	52.80	20.780		
7,300.00	7,018.89	7,544.61	7,149.23	27.32	27.19	93.56	265.47	-1,205.36	1,094.79	1,041.21	53.58	20.434		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,500.00	7,047.98	7,339.22	7,069.79	29.15	26.33	90.99	264.46	-1,291.55	1,092.62	1,037.90	54.73	19.965		
7,575.88	7,047.64	7,273.51	7,032.07	30.65	25.89	89.03	263.60	-1,345.31	1,091.80	1,036.01	55.79	19.570		
7,600.00	7,047.53	7,254.56	7,020.18	31.13	25.78	88.40	263.33	-1,360.07	1,091.90	1,035.77	56.12	19.455		
7,700.00	7,047.07	7,185.04	6,972.93	33.28	25.46	85.94	262.22	-1,411.01	1,094.86	1,037.24	57.63	18.999		
7,800.00	7,046.61	7,128.20	6,930.36	35.55	25.26	83.73	261.22	-1,448.63	1,102.90	1,043.81	59.09	18.666		
7,900.00	7,046.15	7,081.57	6,893.04	37.92	25.14	81.80	260.32	-1,476.56	1,116.92	1,056.52	60.40	18.492		
8,000.00	7,045.70	7,043.00	6,860.70	40.38	25.06	80.14	259.55	-1,497.55	1,137.43	1,075.91	61.52	18.489 SF		
8,100.00	7,045.24	7,010.79	6,832.75	42.91	25.01	78.71	258.87	-1,513.54	1,164.59	1,102.18	62.42	18.658		
8,200.00	7,044.78	6,983.62	6,808.58	45.49	24.98	77.49	258.29	-1,525.93	1,198.32	1,135.23	63.09	18.995		

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	Warning	
0.00	0.00	3.00	3.00	3.28	3.28	-71.08	61.57	-179.59	189.85					
100.00	100.00	103.00	103.00	3.28	3.28	-71.08	61.57	-179.59	189.85	182.33	7.53	25.221		
200.00	200.00	203.00	203.00	3.30	3.30	-71.08	61.57	-179.59	189.85	182.28	7.57	25.081		
259.19	259.19	261.49	261.49	3.32	3.33	69.30	61.56	-179.62	189.77	182.15	7.61	24.924	CC, ES	
300.00	300.00	299.98	299.98	3.34	3.34	69.28	61.53	-180.03	190.12	182.47	7.65	24.852		
400.00	399.93	394.24	394.18	3.40	3.40	69.77	61.22	-183.21	191.98	184.22	7.76	24.755		
500.00	499.68	488.36	488.09	3.48	3.48	70.73	60.62	-189.46	195.65	187.75	7.90	24.766		
600.00	599.13	582.26	581.51	3.59	3.58	72.10	59.72	-198.75	201.22	193.13	8.09	24.873		
700.00	698.15	675.85	674.28	3.73	3.71	73.80	58.54	-211.04	208.80	200.47	8.33	25.059		
800.00	796.85	769.10	766.26	3.90	3.87	75.60	57.07	-226.28	218.84	210.21	8.63	25.351		
900.00	895.54	861.95	857.31	4.11	4.07	76.86	55.33	-244.40	231.79	222.80	8.98	25.798		
1,000.00	994.24	954.21	947.14	4.33	4.31	77.60	53.31	-265.31	247.50	238.12	9.38	26.378		
1,100.00	1,092.93	1,051.59	1,041.48	4.58	4.60	78.03	51.00	-289.35	264.96	255.09	9.86	26.861		
1,200.00	1,191.63	1,150.03	1,136.83	4.85	4.93	78.41	48.66	-313.69	282.46	272.06	10.39	27.178		
1,300.00	1,290.32	1,248.47	1,232.19	5.13	5.29	78.75	46.31	-338.02	299.97	289.01	10.96	27.379		
1,400.00	1,389.01	1,346.91	1,327.54	5.42	5.67	79.05	43.97	-362.36	317.49	305.93	11.55	27.485		
1,500.00	1,487.71	1,445.35	1,422.90	5.72	6.06	79.32	41.63	-386.69	335.01	322.85	12.16	27.543		
1,600.00	1,586.40	1,543.79	1,518.26	6.03	6.47	79.56	39.28	-411.03	352.55	339.74	12.80	27.538		
1,700.00	1,685.10	1,642.23	1,613.61	6.35	6.89	79.78	36.94	-435.36	370.08	356.63	13.46	27.500		
1,800.00	1,783.79	1,740.67	1,708.97	6.63	7.24	79.98	34.60	-459.70	387.63	373.92	13.70	28.286		
1,900.00	1,882.49	1,839.11	1,804.33	6.87	7.41	80.16	32.26	-484.03	405.17	391.47	13.71	29.560		
2,000.00	1,981.18	1,937.55	1,899.68	7.03	7.50	80.33	29.91	-508.37	422.73	408.90	13.83	30.577		
2,100.00	2,079.87	2,035.99	1,995.04	7.21	7.61	80.48	27.57	-532.70	440.28	426.29	13.99	31.475		
2,200.00	2,178.57	2,134.43	2,090.40	7.41	7.75	80.62	25.23	-557.04	457.84	443.64	14.20	32.253		
2,300.00	2,277.26	2,232.88	2,185.75	7.63	7.92	80.75	22.88	-581.37	475.40	460.95	14.44	32.913		
2,400.00	2,375.96	2,331.32	2,281.11	7.87	8.12	80.87	20.54	-605.71	492.96	478.23	14.73	33.461		
2,500.00	2,474.65	2,429.76	2,376.47	8.13	8.34	80.99	18.20	-630.05	510.52	495.46	15.06	33.903		
2,600.00	2,573.34	2,528.20	2,471.82	8.41	8.59	81.09	15.85	-654.38	528.09	512.67	15.42	34.249		
2,700.00	2,672.04	2,626.64	2,567.18	8.71	8.86	81.19	13.51	-678.72	545.65	529.84	15.81	34.508		
2,800.00	2,770.73	2,725.08	2,662.54	9.03	9.14	81.29	11.17	-703.05	563.22	546.99	16.24	34.689		
2,900.00	2,869.43	2,823.52	2,757.89	9.37	9.44	81.37	8.82	-727.39	580.79	564.11	16.69	34.804		
3,000.00	2,968.12	2,921.96	2,853.25	9.73	9.76	81.45	6.48	-751.72	598.36	581.20	17.16	34.860		
3,100.00	3,066.81	3,020.40	2,948.61	10.11	10.09	81.53	4.14	-776.06	615.94	598.27	17.67	34.867		
3,200.00	3,165.51	3,118.84	3,043.96	10.51	10.44	81.61	1.80	-800.39	633.51	615.32	18.19	34.832		
3,300.00	3,264.20	3,217.28	3,139.32	10.93	10.79	81.67	-0.55	-824.73	651.08	632.36	18.73	34.763		
3,400.00	3,362.90	3,315.72	3,234.67	11.37	11.16	81.74	-2.89	-849.06	668.66	649.37	19.29	34.665		
3,500.00	3,461.59	3,414.16	3,330.03	11.83	11.53	81.80	-5.23	-873.40	686.24	666.37	19.87	34.544		
3,600.00	3,560.28	3,512.60	3,425.39	12.31	11.92	81.86	-7.58	-897.73	703.81	683.36	20.46	34.405		
3,700.00	3,658.98	3,611.04	3,520.74	12.81	12.31	81.92	-9.92	-922.07	721.39	700.33	21.06	34.251		
3,800.00	3,757.67	3,709.48	3,616.10	13.33	12.71	81.97	-12.26	-946.40	738.97	717.29	21.68	34.086		
3,900.00	3,856.37	3,807.93	3,711.46	13.87	13.11	82.02	-14.61	-970.74	756.55	734.24	22.31	33.914		
4,000.00	3,955.06	3,906.37	3,806.81	14.43	13.53	82.07	-16.95	-995.08	774.13	751.18	22.95	33.734		
4,100.00	4,053.75	4,004.81	3,902.17	15.01	13.94	82.12	-19.29	-1,019.41	791.71	768.11	23.60	33.550		
4,200.00	4,152.45	4,103.25	3,997.53	15.61	14.37	82.16	-21.64	-1,043.75	809.29	785.03	24.26	33.365		
4,300.00	4,251.14	4,201.69	4,092.88	16.23	14.79	82.20	-23.98	-1,068.08	826.87	801.95	24.92	33.178		
4,400.00	4,349.84	4,300.13	4,188.24	16.87	15.22	82.25	-26.32	-1,092.42	844.45	818.85	25.60	32.991		
4,500.00	4,448.53	4,398.57	4,283.60	17.53	15.66	82.28	-28.66	-1,116.75	862.03	835.75	26.28	32.805		
4,600.00	4,547.22	4,497.01	4,378.95	18.21	16.09	82.32	-31.01	-1,141.09	879.61	852.65	26.96	32.621		
4,700.00	4,645.92	4,604.55	4,474.31	18.91	16.57	82.36	-33.35	-1,165.42	897.19	869.50	27.69	32.400		
4,800.00	4,744.61	4,706.11	4,569.67	19.63	17.03	82.39	-35.69	-1,189.76	914.78	886.37	28.40	32.208		
4,900.00	4,843.31	4,807.67	4,665.02	20.37	17.49	82.43	-38.04	-1,214.09	932.36	903.24	29.12	32.020		
5,000.00	4,942.00	4,909.23	4,760.38	21.13	17.95	82.46	-40.38	-1,238.43	949.94	920.10	29.84	31.835		
5,100.00	5,040.69	4,989.21	4,855.73	21.91	18.32	82.49	-42.72	-1,262.76	967.53	937.04	30.48	31.741		
5,200.00	5,139.39	5,087.65	4,951.09	22.71	18.77	82.52	-45.07	-1,287.10	985.11	953.91	31.20	31.575		
5,300.00	5,238.08	5,186.09	5,046.45	23.53	19.23	82.55	-47.41	-1,311.44	1,002.69	970.77	31.92	31.412		
5,400.00	5,336.78	5,284.53	5,141.80	24.37	19.69	82.58	-49.75	-1,335.77	1,020.28	987.63	32.65	31.254		
5,500.00	5,435.47	5,382.98	5,237.16	25.23	20.14	82.60	-52.09	-1,360.11	1,037.86	1,004.49	33.37	31.099		
5,600.00	5,534.16	5,481.42	5,332.52	26.11	20.60	82.63	-54.44	-1,384.44	1,055.45	1,021.34	34.10	30.948		
5,700.00	5,632.86	5,579.86	5,427.87	27.01	21.07	82.65	-56.78	-1,408.78	1,073.03	1,038.19	34.84	30.800		
5,800.00	5,731.55	5,678.30	5,523.23	27.93	21.53	82.68	-59.12	-1,433.11	1,090.62	1,055.04	35.58	30.657		
5,900.00	5,830.25	5,776.74	5,618.59	28.87	21.99	82.70	-61.47	-1,457.45	1,108.20	1,071.89	36.31	30.517		
6,000.00	5,928.94	5,875.18	5,713.94	29.83	22.45	82.71	-63.82	-1,481.78	1,125.79	1,093.70	37.04	30.381		
6,100.00	6,027.63	5,973.57	5,809.29	30.81	22.91	82.72	-66.17	-1,506.11	1,143.38	1,115.63	37.77	30.249		
6,200.00	6,126.33	6,071.96	5,904.64	31.81	23.37	82.73	-68.52	-1,530.44	1,160.97	1,137.61	38.50	30.121		
6,300.00	6,225.02	6,170.35	6,000.00	32.83	23.83	82.74	-70.87	-1,554.77	1,178.56	1,159.63	39.23	30.000		
6,400.00	6,323.72	6,268.74	6,095.35	33.87	24.29	82.75	-73.22	-1,579.10	1,196.15	1,181.70	40.00	29.885		

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	
6,500.00	6,422.41	7,703.45	6,853.80	19.52	36.27	142.55	-87.40	-631.48	785.73	737.21	48.52	16.195		
6,600.00	6,520.95	7,705.83	6,853.58	19.88	36.32	129.81	-87.43	-640.75	747.58	696.64	50.95	14.673		
6,700.00	6,617.12	7,672.22	6,853.07	20.29	35.63	114.93	-87.50	-662.70	721.67	669.27	52.40	13.772		
6,800.00	6,708.34	7,635.29	6,852.21	20.81	34.89	107.01	-87.63	-699.62	708.65	655.35	53.31	13.294		
6,861.77	6,761.23	7,605.37	6,851.51	21.20	34.28	102.84	-87.73	-729.53	706.60	653.11	53.49	13.210 SF		
6,900.00	6,792.37	7,584.29	6,851.02	21.44	33.88	100.31	-87.80	-750.60	707.31	653.86	53.46	13.232		
7,000.00	6,867.14	7,520.48	6,849.53	22.21	32.68	93.76	-88.01	-814.39	714.90	661.84	53.06	13.473		
7,100.00	6,930.81	7,445.44	6,847.79	23.15	31.37	87.48	-88.26	-889.42	727.83	675.38	52.44	13.879		
7,200.00	6,981.81	7,362.53	6,845.83	24.30	30.01	82.02	-88.53	-972.30	742.42	690.53	51.88	14.310		
7,300.00	7,018.89	7,293.00	6,839.74	25.69	28.98	77.94	-88.66	-1,041.53	756.99	705.36	51.63	14.661		
7,400.00	7,041.12	7,225.36	6,826.61	27.32	28.06	74.49	-88.60	-1,107.85	771.15	719.57	51.58	14.951		
7,500.00	7,047.98	7,159.22	6,807.05	29.15	27.26	71.70	-88.39	-1,171.00	784.04	732.32	51.72	15.159		
7,600.00	7,047.53	7,100.00	6,784.06	31.13	26.64	70.14	-88.06	-1,225.55	798.73	746.77	51.96	15.372		
7,700.00	7,047.07	7,038.93	6,755.15	33.28	26.10	68.22	-87.58	-1,279.32	818.73	766.58	52.15	15.699		
7,800.00	7,046.61	6,987.05	6,726.64	35.55	25.72	66.37	-87.08	-1,322.64	844.56	792.32	52.24	16.166		
7,900.00	7,046.15	6,940.56	6,698.17	37.92	25.44	64.58	-86.55	-1,359.38	876.49	824.28	52.22	16.786		
8,000.00	7,045.70	6,900.00	6,671.20	40.38	25.23	62.94	-86.03	-1,389.66	914.55	862.48	52.07	17.564		
8,100.00	7,045.24	6,862.12	6,644.32	42.91	25.07	61.34	-85.50	-1,416.34	958.58	906.75	51.83	18.494		
8,200.00	7,044.78	6,829.21	6,619.72	45.49	24.96	59.93	-85.00	-1,438.18	1,008.24	956.72	51.52	19.571		
8,300.00	7,044.32	6,800.00	6,596.96	48.12	24.87	58.66	-84.54	-1,456.48	1,063.10	1,011.94	51.16	20.782		
8,400.00	7,043.87	6,773.66	6,575.73	50.79	24.81	57.50	-84.10	-1,472.07	1,122.68	1,071.91	50.78	22.110		
8,500.00	7,043.41	6,750.00	6,556.13	53.49	24.75	56.46	-83.69	-1,485.31	1,186.50	1,136.11	50.39	23.545		

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	
0.00	0.00	3.00	3.00	3.28	3.28	-65.53	81.60	-179.31	197.01					
100.00	100.00	103.00	103.00	3.28	3.28	-65.53	81.60	-179.31	197.01	189.48	7.53	26.172		
200.00	200.00	203.00	203.00	3.30	3.30	-65.53	81.60	-179.31	197.01	189.44	7.57	26.026		
255.59	255.59	258.09	258.09	3.32	3.32	74.84	81.60	-179.33	196.95	189.34	7.61	25.877	CC, ES	
300.00	300.00	299.91	299.90	3.34	3.34	74.82	81.59	-179.75	197.31	189.66	7.65	25.792		
400.00	399.93	394.01	393.95	3.40	3.40	75.30	81.52	-182.93	199.45	191.70	7.76	25.716		
500.00	499.68	487.96	487.69	3.48	3.48	76.22	81.38	-189.19	203.69	195.79	7.90	25.777		
600.00	599.13	581.64	580.90	3.59	3.58	77.53	81.17	-198.48	210.10	202.01	8.09	25.959		
700.00	698.15	674.95	673.40	3.73	3.71	79.14	80.89	-210.77	218.80	210.46	8.34	26.241		
800.00	796.85	767.87	765.05	3.90	3.87	80.86	80.54	-225.98	230.09	221.45	8.64	26.631		
900.00	895.54	860.33	855.73	4.11	4.06	82.06	80.13	-244.07	244.25	235.26	8.99	27.157		
1,000.00	994.24	952.33	945.32	4.33	4.30	82.74	79.66	-264.95	261.12	251.72	9.39	27.798		
1,100.00	1,092.93	1,050.65	1,040.71	4.58	4.59	83.21	79.12	-288.73	279.25	269.37	9.88	28.260		
1,200.00	1,191.63	1,148.97	1,136.11	4.85	4.92	83.62	78.58	-312.51	297.39	286.98	10.41	28.572		
1,300.00	1,290.32	1,247.29	1,231.51	5.13	5.27	83.98	78.04	-336.29	315.55	304.58	10.97	28.765		
1,400.00	1,389.01	1,345.61	1,326.91	5.42	5.64	84.30	77.50	-360.07	333.72	322.16	11.56	28.862		
1,500.00	1,487.71	1,443.92	1,422.31	5.72	6.02	84.59	76.96	-383.85	351.90	339.73	12.17	28.910		
1,600.00	1,586.40	1,542.24	1,517.71	6.03	6.42	84.86	76.42	-407.63	370.09	357.28	12.81	28.895		
1,700.00	1,685.10	1,640.56	1,613.11	6.35	6.83	85.09	75.88	-431.41	388.28	374.82	13.46	28.846		
1,800.00	1,783.79	1,738.88	1,708.50	6.53	7.17	85.31	75.35	-455.19	406.48	392.77	13.71	29.654		
1,900.00	1,882.49	1,837.20	1,803.90	6.57	7.34	85.50	74.81	-478.97	424.68	410.97	13.71	30.971		
2,000.00	1,981.18	1,935.52	1,899.30	6.63	7.42	85.69	74.27	-502.75	442.89	429.06	13.83	32.024		
2,100.00	2,079.87	2,033.84	1,994.70	6.72	7.53	85.85	73.73	-526.53	461.10	447.11	13.99	32.955		
2,200.00	2,178.57	2,132.16	2,090.10	6.82	7.67	86.01	73.19	-550.30	479.32	465.12	14.20	33.761		
2,300.00	2,277.26	2,230.48	2,185.50	6.95	7.83	86.15	72.65	-574.08	497.54	483.09	14.44	34.445		
2,400.00	2,375.96	2,328.80	2,280.90	7.09	8.02	86.28	72.11	-597.86	515.76	501.03	14.73	35.013		
2,500.00	2,474.65	2,427.12	2,376.29	7.25	8.23	86.40	71.57	-621.64	533.99	518.93	15.05	35.472		
2,600.00	2,573.34	2,525.43	2,471.69	7.42	8.47	86.52	71.03	-645.42	552.21	536.80	15.41	35.831		
2,700.00	2,672.04	2,623.75	2,567.09	7.61	8.73	86.63	70.49	-669.20	570.44	554.64	15.80	36.100		
2,800.00	2,770.73	2,722.07	2,662.49	7.82	9.00	86.73	69.95	-692.98	588.67	572.45	16.22	36.288		
2,900.00	2,869.43	2,820.39	2,757.89	8.03	9.29	86.82	69.41	-716.76	606.90	590.23	16.67	36.407		
3,000.00	2,968.12	2,918.71	2,853.29	8.26	9.60	86.91	68.87	-740.54	625.14	607.99	17.14	36.465		
3,100.00	3,066.81	3,017.03	2,948.69	8.50	9.92	87.00	68.33	-764.32	643.37	625.73	17.64	36.472		
3,200.00	3,165.51	3,115.35	3,044.08	8.75	10.26	87.08	67.79	-788.10	661.61	643.45	18.16	36.436		
3,300.00	3,264.20	3,213.67	3,139.48	9.01	10.60	87.15	67.25	-811.88	679.85	661.15	18.70	36.363		
3,400.00	3,362.90	3,311.99	3,234.88	9.28	10.96	87.22	66.71	-835.66	698.08	678.83	19.25	36.261		
3,500.00	3,461.59	3,410.31	3,330.28	9.55	11.32	87.29	66.17	-859.44	716.32	696.50	19.82	36.135		
3,600.00	3,560.28	3,508.62	3,425.68	9.84	11.69	87.36	65.63	-883.22	734.56	714.15	20.41	35.989		
3,700.00	3,658.98	3,606.94	3,521.08	10.12	12.07	87.42	65.10	-907.00	752.81	731.79	21.01	35.828		
3,800.00	3,757.67	3,705.26	3,616.48	10.42	12.46	87.48	64.56	-930.78	771.05	749.42	21.62	35.656		
3,900.00	3,856.37	3,803.58	3,711.87	10.72	12.85	87.53	64.02	-954.55	789.29	767.04	22.25	35.474		
4,000.00	3,955.06	3,901.90	3,807.27	11.02	13.25	87.59	63.48	-978.33	807.53	784.65	22.89	35.287		
4,100.00	4,053.75	4,000.22	3,902.67	11.33	13.66	87.64	62.94	-1,002.11	825.78	802.25	23.53	35.095		
4,200.00	4,152.45	4,101.46	3,998.07	11.64	14.08	87.69	62.40	-1,025.89	844.02	819.83	24.19	34.885		
4,300.00	4,251.14	4,203.14	4,093.47	11.96	14.51	87.73	61.86	-1,049.67	862.27	837.40	24.87	34.673		
4,400.00	4,349.84	4,295.18	4,188.87	12.28	14.90	87.78	61.32	-1,073.45	880.51	855.00	25.52	34.509		
4,500.00	4,448.53	4,406.50	4,284.27	12.61	15.38	87.82	60.78	-1,097.23	898.76	872.52	26.24	34.252		
4,600.00	4,547.22	4,491.82	4,379.66	12.93	15.75	87.86	60.24	-1,121.01	917.01	890.13	26.88	34.121		
4,700.00	4,645.92	4,590.13	4,475.06	13.26	16.18	87.90	59.70	-1,144.79	935.26	907.69	27.56	33.930		
4,800.00	4,744.61	4,688.45	4,570.46	13.60	16.61	87.94	59.16	-1,168.57	953.50	925.24	28.26	33.742		
4,900.00	4,843.31	4,786.77	4,665.86	13.93	17.04	87.98	58.62	-1,192.35	971.75	942.79	28.96	33.557		
5,000.00	4,942.00	4,885.09	4,761.26	14.27	17.48	88.01	58.08	-1,216.13	990.00	960.34	29.66	33.375		
5,100.00	5,040.69	4,983.41	4,856.66	14.61	17.92	88.05	57.54	-1,239.91	1,008.25	977.88	30.37	33.197		
5,200.00	5,139.39	5,081.73	4,952.06	14.95	18.36	88.08	57.00	-1,263.69	1,026.50	995.41	31.08	33.023		
5,300.00	5,238.08	5,180.05	5,047.45	15.29	18.80	88.11	56.46	-1,287.47	1,044.75	1,012.95	31.80	32.852		
5,400.00	5,336.78	5,278.37	5,142.85	15.64	19.25	88.14	55.92	-1,311.25	1,063.00	1,030.48	32.52	32.686		
5,500.00	5,435.47	5,376.69	5,238.25	15.98	19.69	88.17	55.39	-1,335.03	1,081.25	1,048.00	33.25	32.523		
5,600.00	5,534.16	5,475.01	5,333.65	16.33	20.14	88.20	54.85	-1,358.81	1,099.50	1,065.53	33.97	32.364		
5,700.00	5,632.86	5,573.33	5,429.05	16.68	20.59	88.23	54.31	-1,382.58	1,117.75	1,083.05	34.70	32.210		
5,800.00	5,731.55	5,671.64	5,524.45	17.03	21.04	88.25	53.77	-1,406.36	1,136.00	1,100.56	35.43	32.059		
5,900.00	5,830.25	5,769.96	5,619.85	17.38	21.49	88.28	53.23	-1,430.14	1,154.25	1,118.08	36.17	31.912		
6,000.00	5,928.94	5,868.28	5,715.24	17.74	21.95	88.31	52.69	-1,453.92	1,172.50	1,135.59	36.91	31.769		
6,100.00	6,027.63	5,966.60	5,810.64	18.09	22.40	88.33	52.15	-1,477.70	1,190.75	1,153.11	37.65	31.629		
6,200.00	6,126.33	7,856.26	6,983.76	18.44	36.94	144.71	44.09	-605.79	1,138.94	1,096.90	42.04	27.090		
6,300.00	6,225.02	7,848.11	6,983.59	18.80	36.77	144.17	44.10	-613.94	1,075.53	1,031.65	43.88	24.511		
6,400.00	6,323.72	7,839.96	6,983.41	19.16	36.60	143.63	44.12	-622.09	1,017.95	972.13	45.82	22.217		

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	
6,500.00	6,422.41	7,831.81	6,983.24	19.52	36.43	143.08	44.13	-630.24	967.23	919.43	47.81	20.232		
6,600.00	6,520.95	7,822.41	6,983.04	19.88	36.23	130.70	44.14	-639.63	924.57	874.83	49.74	18.590		
6,700.00	6,617.12	7,800.34	6,982.56	20.29	35.76	116.83	44.17	-661.70	891.68	840.39	51.30	17.383		
6,800.00	6,708.34	7,763.30	6,981.77	20.81	35.03	110.25	44.22	-698.73	869.47	817.09	52.38	16.600		
6,900.00	6,792.37	7,712.19	6,980.67	21.44	34.02	105.14	44.29	-749.82	857.46	804.55	52.92	16.204		
6,999.75	6,866.97	7,648.47	6,979.30	22.21	32.83	100.26	44.37	-813.53	853.99	800.93	53.06	16.095 SF		
7,000.00	6,867.14	7,648.30	6,979.30	22.21	32.83	100.25	44.37	-813.70	853.99	800.93	53.06	16.096		
7,100.00	6,930.81	7,573.17	6,977.68	23.15	31.51	95.50	44.48	-888.81	856.58	803.61	52.97	16.171		
7,200.00	6,981.81	7,488.81	6,975.84	24.30	30.13	91.21	44.59	-973.16	862.46	809.57	52.89	16.306		
7,300.00	7,018.89	7,405.03	6,967.75	25.69	28.90	87.55	44.74	-1,056.48	869.45	816.40	53.05	16.389		
7,400.00	7,041.12	7,325.32	6,949.97	27.32	27.86	84.38	44.94	-1,134.13	876.80	823.35	53.46	16.402		
7,500.00	7,047.98	7,248.81	6,923.90	29.15	26.99	81.70	45.18	-1,206.01	883.96	829.90	54.06	16.352		
7,600.00	7,047.53	7,177.70	6,892.11	31.13	26.33	79.69	45.45	-1,269.58	892.87	838.06	54.81	16.291		
7,700.00	7,047.07	7,114.55	6,858.09	33.28	25.85	77.56	45.72	-1,322.75	906.28	850.73	55.55	16.314		
7,800.00	7,046.61	7,059.13	6,824.02	35.55	25.51	75.47	45.97	-1,366.43	925.09	868.88	56.20	16.459		
7,900.00	7,046.15	7,010.80	6,791.30	37.92	25.28	73.50	46.21	-1,401.98	949.89	893.18	56.71	16.751		
8,000.00	7,045.70	6,968.75	6,760.71	40.38	25.12	71.69	46.43	-1,430.83	981.00	923.97	57.03	17.201		
8,100.00	7,045.24	6,932.12	6,732.56	42.91	25.00	70.06	46.63	-1,454.26	1,018.42	961.25	57.17	17.813		
8,200.00	7,044.78	6,900.00	6,706.80	45.49	24.91	68.59	46.80	-1,473.44	1,061.96	1,004.81	57.15	18.582		
8,300.00	7,044.32	6,872.10	6,683.66	48.12	24.86	67.30	46.96	-1,489.03	1,111.23	1,054.23	57.00	19.494		
8,400.00	7,043.87	6,850.00	6,664.87	50.79	24.81	66.27	47.09	-1,500.65	1,165.78	1,109.03	56.76	20.540		

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				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	-55.88	121.31	-179.04	216.26					
100.00	100.00	103.00	103.00	3.28	3.28	-55.88	121.31	-179.04	216.26	208.74	7.53	28.730		
200.00	200.00	203.00	203.00	3.30	3.30	-55.88	121.31	-179.04	216.26	208.69	7.57	28.570		
251.99	251.99	254.99	254.99	3.32	3.32	84.48	121.31	-179.04	216.24	208.63	7.61	28.422 CC, ES		
300.00	300.00	299.48	299.48	3.34	3.34	84.48	121.42	-179.45	216.65	209.00	7.65	28.319		
400.00	399.93	392.76	392.70	3.40	3.40	84.99	122.18	-182.48	219.48	211.72	7.76	28.293 SF		
500.00	499.68	485.77	485.50	3.48	3.48	85.98	123.69	-188.43	225.10	217.20	7.90	28.478		
600.00	599.13	578.34	577.62	3.59	3.58	87.36	125.92	-197.26	233.62	225.53	8.10	28.856		
700.00	698.15	670.31	668.80	3.73	3.71	89.04	128.86	-208.87	245.17	236.83	8.34	29.400		
800.00	796.85	761.63	758.91	3.90	3.86	90.89	132.49	-223.21	259.84	251.20	8.64	30.090		
900.00	895.54	852.32	847.89	4.11	4.05	92.29	136.79	-240.19	277.52	268.54	8.98	30.903		
1,000.00	994.24	942.20	935.49	4.33	4.27	93.24	141.73	-259.71	298.05	288.68	9.36	31.832		
1,100.00	1,092.93	1,037.50	1,027.85	4.58	4.55	93.92	147.48	-282.45	320.55	310.72	9.82	32.626		
1,200.00	1,191.63	1,134.85	1,122.19	4.85	4.87	94.51	153.38	-305.76	343.17	332.83	10.34	33.197		
1,300.00	1,290.32	1,232.20	1,216.52	5.13	5.21	95.04	159.28	-329.07	365.82	354.94	10.88	33.611		
1,400.00	1,389.01	1,329.55	1,310.85	5.42	5.57	95.50	165.18	-352.38	388.50	377.05	11.46	33.902		
1,500.00	1,487.71	1,426.90	1,405.18	5.72	5.95	95.91	171.07	-375.69	411.21	399.15	12.05	34.112		
1,600.00	1,586.40	1,524.24	1,499.52	6.03	6.35	96.28	176.97	-399.00	433.93	421.25	12.67	34.237		
1,700.00	1,685.10	1,621.59	1,593.85	6.35	6.75	96.61	182.87	-422.31	456.66	443.35	13.31	34.307		
1,800.00	1,783.79	1,718.94	1,688.18	6.53	7.13	96.91	188.77	-445.62	479.41	465.83	13.58	35.302		
1,900.00	1,882.49	1,816.29	1,782.52	6.57	7.33	97.19	194.67	-468.93	502.17	488.56	13.61	36.894		
2,000.00	1,981.18	1,913.64	1,876.85	6.63	7.41	97.44	200.57	-492.24	524.94	511.22	13.72	38.260		
2,100.00	2,079.87	2,010.99	1,971.18	6.72	7.51	97.66	206.47	-515.55	547.72	533.84	13.87	39.480		
2,200.00	2,178.57	2,108.34	2,065.51	6.82	7.64	97.87	212.36	-538.86	570.50	556.43	14.07	40.552		
2,300.00	2,277.26	2,205.69	2,159.85	6.95	7.80	98.07	218.26	-562.17	593.29	578.99	14.30	41.478		
2,400.00	2,375.96	2,303.04	2,254.18	7.09	7.98	98.25	224.16	-585.48	616.09	601.51	14.58	42.262		
2,500.00	2,474.65	2,400.39	2,348.51	7.25	8.19	98.42	230.06	-608.79	638.89	624.01	14.89	42.912		
2,600.00	2,573.34	2,497.73	2,442.84	7.42	8.42	98.57	235.96	-632.10	661.70	646.47	15.23	43.437		
2,700.00	2,672.04	2,604.92	2,537.18	7.61	8.70	98.72	241.86	-655.41	684.52	668.89	15.63	43.793		
2,800.00	2,770.73	2,692.43	2,631.51	7.82	8.95	98.85	247.76	-678.72	707.33	691.32	16.02	44.160		
2,900.00	2,869.43	2,789.78	2,725.84	8.03	9.23	98.98	253.65	-702.03	730.15	713.70	16.45	44.382		
3,000.00	2,968.12	2,887.13	2,820.17	8.26	9.54	99.10	259.55	-725.34	752.98	736.07	16.91	44.526		
3,100.00	3,066.81	2,984.48	2,914.51	8.50	9.85	99.21	265.45	-748.65	775.80	758.41	17.39	44.604		
3,200.00	3,165.51	3,081.83	3,008.84	8.75	10.18	99.32	271.35	-771.96	798.63	780.73	17.90	44.624		
3,300.00	3,264.20	3,179.18	3,103.17	9.01	10.52	99.42	277.25	-795.27	821.46	803.04	18.42	44.596		
3,400.00	3,362.90	3,276.53	3,197.51	9.28	10.88	99.51	283.15	-818.59	844.30	825.34	18.96	44.527		
3,500.00	3,461.59	3,373.88	3,291.84	9.55	11.24	99.60	289.05	-841.90	867.13	847.61	19.52	44.425		
3,600.00	3,560.28	3,471.22	3,386.17	9.84	11.61	99.69	294.95	-865.21	889.97	869.88	20.09	44.296		
3,700.00	3,658.98	3,568.57	3,480.50	10.12	11.98	99.77	300.84	-888.52	912.81	892.13	20.68	44.145		
3,800.00	3,757.67	3,665.92	3,574.84	10.42	12.37	99.85	306.74	-911.83	935.65	914.37	21.28	43.976		
3,900.00	3,856.37	3,763.27	3,669.17	10.72	12.76	99.92	312.64	-935.14	958.49	936.61	21.89	43.794		
4,000.00	3,955.06	3,860.62	3,763.50	11.02	13.16	99.99	318.54	-958.45	981.34	958.83	22.51	43.601		
4,100.00	4,053.75	3,957.97	3,857.83	11.33	13.56	100.06	324.44	-981.76	1,004.18	981.04	23.14	43.400		
4,200.00	4,152.45	4,055.32	3,952.17	11.64	13.96	100.12	330.34	-1,005.07	1,027.03	1,003.25	23.78	43.193		
4,300.00	4,251.14	4,152.67	4,046.50	11.96	14.38	100.18	336.24	-1,028.38	1,049.88	1,025.45	24.43	42.983		
4,400.00	4,349.84	4,250.02	4,140.83	12.28	14.79	100.24	342.13	-1,051.69	1,072.73	1,047.65	25.08	42.771		
4,500.00	4,448.53	4,347.36	4,235.16	12.61	15.21	100.30	348.03	-1,075.00	1,095.58	1,069.83	25.74	42.558		
4,600.00	4,547.22	4,444.71	4,329.50	12.93	15.63	100.35	353.93	-1,098.31	1,118.43	1,092.01	26.41	42.346		
4,700.00	4,645.92	4,542.06	4,423.83	13.26	16.06	100.40	359.83	-1,121.62	1,141.28	1,114.19	27.09	42.134		
4,800.00	4,744.61	4,639.41	4,518.16	13.60	16.49	100.45	365.73	-1,144.93	1,164.13	1,136.36	27.77	41.925		
4,900.00	4,843.31	4,736.76	4,612.50	13.93	16.92	100.50	371.63	-1,168.24	1,186.98	1,158.53	28.45	41.718		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	0.50	159.93	1.39	159.94					
100.00	100.00	100.00	100.00	3.28	3.28	0.50	159.93	1.39	159.94	152.41	7.53	21.248		
200.00	200.00	200.00	200.00	3.30	3.30	0.50	159.93	1.39	159.94	152.37	7.57	21.132		
200.00	200.00	200.00	200.00	3.30	3.30	0.50	159.93	1.39	159.94	152.37	7.57	21.132	CC, ES	
300.00	300.00	298.02	298.01	3.34	3.34	140.79	160.23	1.12	160.58	152.93	7.65	20.989	SF	
400.00	399.93	393.86	393.80	3.40	3.41	140.70	162.61	-1.02	165.76	157.99	7.77	21.341		
500.00	499.68	489.13	488.85	3.48	3.49	140.55	167.34	-5.28	176.07	168.14	7.93	22.206		
600.00	599.13	583.47	582.71	3.59	3.60	140.32	174.34	-11.58	191.48	183.35	8.14	23.535		
700.00	698.15	676.52	674.95	3.73	3.72	140.05	183.48	-19.81	211.91	203.52	8.39	25.258		
800.00	796.85	772.36	769.62	3.90	3.88	139.97	194.55	-29.78	235.66	226.96	8.70	27.103		
900.00	895.54	869.48	865.54	4.11	4.06	139.93	205.84	-39.95	259.50	250.47	9.04	28.710		
1,000.00	994.24	966.59	961.46	4.33	4.27	139.90	217.13	-50.11	283.35	273.93	9.42	30.082		
1,100.00	1,092.93	1,063.71	1,057.38	4.58	4.49	139.87	228.42	-60.28	307.20	297.36	9.83	31.243		
1,200.00	1,191.63	1,160.82	1,153.30	4.85	4.73	139.84	239.71	-70.44	331.04	320.77	10.27	32.223		
1,300.00	1,290.32	1,257.94	1,249.22	5.13	4.98	139.82	251.00	-80.61	354.89	344.15	10.74	33.047		
1,400.00	1,389.01	1,355.05	1,345.14	5.42	5.25	139.80	262.29	-90.78	378.73	367.51	11.22	33.741		
1,500.00	1,487.71	1,452.17	1,441.06	5.72	5.52	139.79	273.58	-100.94	402.58	390.85	11.73	34.324		
1,600.00	1,586.40	1,549.28	1,536.98	6.03	5.80	139.77	284.87	-111.11	426.43	414.18	12.25	34.813		
1,700.00	1,685.10	1,646.40	1,632.90	6.35	6.09	139.76	296.16	-121.27	450.27	437.49	12.78	35.225		
1,800.00	1,783.79	1,743.51	1,728.82	6.53	6.32	139.75	307.45	-131.44	474.12	461.18	12.94	36.640		
1,900.00	1,882.49	1,840.63	1,824.74	6.57	6.43	139.74	318.74	-141.60	497.96	485.07	12.89	38.624		
2,000.00	1,981.18	1,937.74	1,920.66	6.63	6.48	139.73	330.03	-151.77	521.81	508.84	12.97	40.222		
2,100.00	2,079.87	2,034.86	2,016.57	6.72	6.54	139.72	341.32	-161.93	545.66	532.57	13.09	41.692		
2,200.00	2,178.57	2,131.97	2,112.49	6.82	6.63	139.71	352.61	-172.10	569.50	556.27	13.24	43.028		
2,300.00	2,277.26	2,229.09	2,208.41	6.95	6.72	139.70	363.90	-182.27	593.35	579.93	13.42	44.230		
2,400.00	2,375.96	2,326.20	2,304.33	7.09	6.84	139.70	375.19	-192.43	617.20	603.57	13.63	45.297		
2,500.00	2,474.65	2,423.32	2,400.25	7.25	6.97	139.69	386.48	-202.60	641.04	627.18	13.86	46.235		
2,600.00	2,573.34	2,520.43	2,496.17	7.42	7.12	139.68	397.77	-212.76	664.89	650.76	14.13	47.048		
2,700.00	2,672.04	2,617.55	2,592.09	7.61	7.28	139.68	409.06	-222.93	688.73	674.31	14.43	47.744		
2,800.00	2,770.73	2,714.66	2,688.01	7.82	7.45	139.67	420.35	-233.09	712.58	697.84	14.74	48.333		
2,900.00	2,869.43	2,811.78	2,783.93	8.03	7.64	139.67	431.64	-243.26	736.43	721.34	15.08	48.822		
3,000.00	2,968.12	2,908.89	2,879.85	8.26	7.84	139.66	442.93	-253.42	760.27	744.83	15.45	49.222		
3,100.00	3,066.81	3,006.01	2,975.77	8.50	8.04	139.66	454.22	-263.59	784.12	768.29	15.83	49.542		
3,200.00	3,165.51	3,103.12	3,071.69	8.75	8.26	139.65	465.51	-273.76	807.96	791.74	16.23	49.790		
3,300.00	3,264.20	3,200.24	3,167.61	9.01	8.49	139.65	476.80	-283.92	831.81	815.17	16.64	49.974		
3,400.00	3,362.90	3,302.65	3,263.53	9.28	8.73	139.65	488.09	-294.09	855.66	838.57	17.09	50.069		
3,500.00	3,461.59	3,405.53	3,359.45	9.55	8.99	139.64	499.38	-304.25	879.50	861.95	17.55	50.112		
3,600.00	3,560.28	3,508.42	3,455.37	9.84	9.26	139.64	510.67	-314.42	903.35	885.32	18.03	50.114		
3,700.00	3,658.98	3,588.70	3,551.29	10.12	9.47	139.64	521.96	-324.58	927.20	908.74	18.46	50.228		
3,800.00	3,757.67	3,685.82	3,647.21	10.42	9.73	139.63	533.25	-334.75	951.04	932.10	18.94	50.202		
3,900.00	3,856.37	3,782.93	3,743.13	10.72	10.00	139.63	544.54	-344.91	974.89	955.45	19.44	50.150		
4,000.00	3,955.06	3,880.05	3,839.05	11.02	10.27	139.63	555.83	-355.08	998.73	978.79	19.94	50.075		
4,100.00	4,053.75	3,977.16	3,934.96	11.33	10.55	139.63	567.12	-365.25	1,022.58	1,002.12	20.46	49.983		
4,200.00	4,152.45	4,074.28	4,030.88	11.64	10.83	139.62	578.41	-375.41	1,046.43	1,025.45	20.98	49.875		
4,300.00	4,251.14	4,171.39	4,126.80	11.96	11.11	139.62	589.70	-385.58	1,070.27	1,048.76	21.51	49.754		
4,400.00	4,349.84	4,268.51	4,222.72	12.28	11.40	139.62	600.99	-395.74	1,094.12	1,072.07	22.05	49.623		
4,500.00	4,448.53	4,365.62	4,318.64	12.61	11.69	139.62	612.28	-405.91	1,117.97	1,095.37	22.59	49.484		
4,600.00	4,547.22	4,462.74	4,414.56	12.93	11.99	139.62	623.57	-416.07	1,141.81	1,118.67	23.14	49.338		
4,700.00	4,645.92	4,559.85	4,510.48	13.26	12.28	139.61	634.86	-426.24	1,165.66	1,141.96	23.70	49.187		
4,800.00	4,744.61	4,656.97	4,606.40	13.60	12.59	139.61	646.15	-436.40	1,189.50	1,165.24	24.26	49.032		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference				Offset		Semi Major Axis			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.53	119.86	1.11	119.86					
100.00	100.00	100.00	100.00	3.28	3.28	0.53	119.86	1.11	119.86	112.34	7.53	15.924		
200.00	200.00	200.00	200.00	3.30	3.30	0.53	119.86	1.11	119.86	112.29	7.57	15.837	CC	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	119.86	1.11	119.86	112.29	7.57	15.837	ES	
300.00	300.00	299.02	299.01	3.34	3.34	140.78	120.06	0.75	120.41	112.75	7.65	15.737	SF	
400.00	399.93	396.91	396.84	3.40	3.41	140.36	121.68	-2.18	124.74	116.98	7.77	16.058		
500.00	499.68	494.38	494.08	3.48	3.49	139.61	124.91	-8.00	133.42	125.48	7.93	16.818		
600.00	599.13	591.18	590.37	3.59	3.60	138.64	129.70	-16.63	146.42	138.27	8.15	17.973		
700.00	698.15	689.81	688.31	3.73	3.73	138.06	135.36	-26.85	162.85	154.43	8.42	19.350		
800.00	796.85	788.17	785.97	3.90	3.89	138.21	141.00	-37.03	180.89	172.16	8.73	20.722		
900.00	895.54	886.52	883.64	4.11	4.06	138.36	146.65	-47.22	198.95	189.87	9.08	21.918		
1,000.00	994.24	984.87	981.30	4.33	4.26	138.49	152.30	-57.40	217.01	207.55	9.46	22.938		
1,100.00	1,092.93	1,083.23	1,078.96	4.58	4.47	138.60	157.94	-67.59	235.08	225.20	9.88	23.804		
1,200.00	1,191.63	1,181.58	1,176.62	4.85	4.69	138.70	163.59	-77.78	253.14	242.83	10.32	24.536		
1,300.00	1,290.32	1,279.93	1,274.28	5.13	4.92	138.78	169.23	-87.96	271.21	260.43	10.78	25.154		
1,400.00	1,389.01	1,378.29	1,371.95	5.42	5.16	138.85	174.88	-98.15	289.28	278.01	11.27	25.675		
1,500.00	1,487.71	1,476.64	1,469.61	5.72	5.41	138.91	180.52	-108.33	307.34	295.57	11.77	26.113		
1,600.00	1,586.40	1,575.00	1,567.27	6.03	5.67	138.97	186.17	-118.52	325.41	313.12	12.29	26.484		
1,700.00	1,685.10	1,673.35	1,664.93	6.35	5.93	139.02	191.82	-128.70	343.48	330.66	12.82	26.796		
1,800.00	1,783.79	1,771.70	1,762.59	6.53	6.11	139.06	197.46	-138.89	361.55	348.78	12.76	28.331		
1,900.00	1,882.49	1,870.06	1,860.26	6.57	6.17	139.10	203.11	-149.07	379.61	366.76	12.85	29.545		
2,000.00	1,981.18	1,968.41	1,957.92	6.63	6.21	139.14	208.75	-159.26	397.68	384.75	12.93	30.750		
2,100.00	2,079.87	2,066.77	2,055.58	6.72	6.27	139.18	214.40	-169.44	415.75	402.70	13.05	31.858		
2,200.00	2,178.57	2,165.12	2,153.24	6.82	6.34	139.21	220.05	-179.63	433.82	420.62	13.20	32.865		
2,300.00	2,277.26	2,263.47	2,250.90	6.95	6.43	139.23	225.69	-189.81	451.89	438.50	13.38	33.770		
2,400.00	2,375.96	2,361.83	2,348.57	7.09	6.53	139.26	231.34	-200.00	469.95	456.36	13.59	34.575		
2,500.00	2,474.65	2,460.18	2,446.23	7.25	6.65	139.29	236.98	-210.18	488.02	474.19	13.83	35.281		
2,600.00	2,573.34	2,558.54	2,543.89	7.42	6.78	139.31	242.63	-220.37	506.09	491.99	14.10	35.894		
2,700.00	2,672.04	2,656.89	2,641.55	7.61	6.92	139.33	248.27	-230.56	524.16	509.77	14.39	36.419		
2,800.00	2,770.73	2,755.24	2,739.21	7.82	7.08	139.35	253.92	-240.74	542.23	527.52	14.71	36.863		
2,900.00	2,869.43	2,853.60	2,836.88	8.03	7.24	139.37	259.57	-250.93	560.30	545.25	15.05	37.233		
3,000.00	2,968.12	2,951.95	2,934.54	8.26	7.42	139.38	265.21	-261.11	578.37	562.96	15.41	37.536		
3,100.00	3,066.81	3,050.30	3,032.20	8.50	7.60	139.40	270.86	-271.30	596.44	580.65	15.79	37.778		
3,200.00	3,165.51	3,148.66	3,129.86	8.75	7.80	139.42	276.50	-281.48	614.50	598.32	16.19	37.967		
3,300.00	3,264.20	3,247.01	3,227.52	9.01	8.00	139.43	282.15	-291.67	632.57	615.97	16.60	38.109		
3,400.00	3,362.90	3,345.37	3,325.19	9.28	8.21	139.44	287.80	-301.85	650.64	633.61	17.03	38.209		
3,500.00	3,461.59	3,443.72	3,422.85	9.55	8.43	139.46	293.44	-312.04	668.71	651.24	17.47	38.273		
3,600.00	3,560.28	3,542.07	3,520.51	9.84	8.65	139.47	299.09	-322.22	686.78	668.85	17.93	38.306		
3,700.00	3,658.98	3,640.43	3,618.17	10.12	8.88	139.48	304.73	-332.41	704.85	686.45	18.40	38.312		
3,800.00	3,757.67	3,738.78	3,715.83	10.42	9.12	139.49	310.38	-342.59	722.92	704.04	18.88	38.294		
3,900.00	3,856.37	3,837.14	3,813.50	10.72	9.36	139.50	316.02	-352.78	740.99	721.62	19.37	38.258		
4,000.00	3,955.06	3,935.49	3,911.16	11.02	9.60	139.51	321.67	-362.97	759.06	739.19	19.87	38.204		
4,100.00	4,053.75	4,033.84	4,008.82	11.33	9.85	139.52	327.32	-373.15	777.13	756.75	20.38	38.137		
4,200.00	4,152.45	4,132.20	4,106.48	11.64	10.11	139.53	332.96	-383.34	795.20	774.30	20.89	38.058		
4,300.00	4,251.14	4,230.55	4,204.14	11.96	10.36	139.54	338.61	-393.52	813.27	791.85	21.42	37.969		
4,400.00	4,349.84	4,328.91	4,301.81	12.28	10.63	139.55	344.25	-403.71	831.33	809.38	21.95	37.873		
4,500.00	4,448.53	4,427.26	4,399.47	12.61	10.89	139.55	349.90	-413.89	849.40	826.92	22.49	37.770		
4,600.00	4,547.22	4,525.61	4,497.13	12.93	11.16	139.56	355.55	-424.08	867.47	844.44	23.03	37.662		
4,700.00	4,645.92	4,623.97	4,594.79	13.26	11.43	139.57	361.19	-434.26	885.54	861.96	23.58	37.550		
4,800.00	4,744.61	4,722.32	4,692.45	13.60	11.70	139.58	366.84	-444.45	903.61	879.47	24.14	37.435		
4,900.00	4,843.31	4,820.67	4,790.12	13.93	11.98	139.58	372.48	-454.63	921.68	896.98	24.70	37.318		
5,000.00	4,942.00	4,919.03	4,887.78	14.27	12.25	139.59	378.13	-464.82	939.75	914.49	25.26	37.199		
5,100.00	5,040.69	5,017.38	4,985.44	14.61	12.53	139.60	383.77	-475.00	957.82	931.99	25.83	37.079		
5,200.00	5,139.39	5,115.74	5,083.10	14.95	12.82	139.60	389.42	-485.19	975.89	949.49	26.40	36.959		
5,300.00	5,238.08	5,214.09	5,180.76	15.29	13.10	139.61	395.07	-495.38	993.96	966.98	26.98	36.839		
5,400.00	5,336.78	5,312.44	5,278.43	15.64	13.38	139.61	400.71	-505.56	1,012.03	984.47	27.56	36.719		
5,500.00	5,435.47	5,410.80	5,376.09	15.98	13.67	139.62	406.36	-515.75	1,030.10	1,001.95	28.14	36.600		
5,600.00	5,534.16	5,509.15	5,473.75	16.33	13.96	139.62	412.00	-525.93	1,048.17	1,019.44	28.73	36.482		
5,700.00	5,632.86	5,607.51	5,571.41	16.68	14.25	139.63	417.65	-536.12	1,066.24	1,036.92	29.32	36.365		
5,800.00	5,731.55	5,705.86	5,669.07	17.03	14.54	139.63	423.30	-546.30	1,084.31	1,054.39	29.91	36.250		
5,900.00	5,830.25	5,804.21	5,766.74	17.38	14.83	139.64	428.94	-556.49	1,102.38	1,071.87	30.51	36.136		
6,000.00	5,928.94	5,902.57	5,864.40	17.74	15.13	139.64	434.59	-566.67	1,120.45	1,089.34	31.10	36.023		
6,100.00	6,027.63	6,000.92	5,962.06	18.09	15.42	139.65	440.23	-576.86	1,138.51	1,106.81	31.70	35.912		
6,200.00	6,126.33	6,100.72	6,059.72	18.44	15.72	139.65	445.88	-587.04	1,156.58	1,124.28	32.31	35.798		
6,300.00	6,225.02	6,202.37	6,157.38	18.80	16.03	139.66	451.53	-597.23	1,174.65	1,141.73	32.92	35.680		
6,400.00	6,323.72	6,304.02	6,255.05	19.16	16.34	139.66	457.17	-607.41	1,192.72	1,159.19	33.54	35.564		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor	
0.00	0.00	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	298.63	298.63	3.34	3.34	140.72	140.13	0.78	140.48	132.82	7.65	18.360	SF	
400.00	399.93	395.74	395.68	3.40	3.41	140.44	142.04	-1.91	145.12	137.35	7.77	18.682		
500.00	499.68	492.38	492.09	3.48	3.49	139.93	145.83	-7.24	154.40	146.47	7.93	19.466		
600.00	599.13	588.23	587.45	3.59	3.60	139.26	151.44	-15.14	168.29	160.14	8.14	20.665		
700.00	698.15	685.37	683.79	3.73	3.73	138.65	158.62	-25.24	186.33	177.92	8.41	22.159		
800.00	796.85	783.39	780.99	3.90	3.89	138.67	165.98	-35.60	206.12	197.40	8.72	23.632		
900.00	895.54	881.41	878.18	4.11	4.07	138.72	173.35	-45.96	225.93	216.86	9.07	24.911		
1,000.00	994.24	979.43	975.37	4.33	4.26	138.77	180.71	-56.32	245.75	236.29	9.45	25.996		
1,100.00	1,092.93	1,077.45	1,072.56	4.58	4.48	138.80	188.07	-66.68	265.56	255.69	9.87	26.910		
1,200.00	1,191.63	1,175.46	1,169.75	4.85	4.70	138.84	195.43	-77.04	285.37	275.06	10.31	27.676		
1,300.00	1,290.32	1,273.48	1,266.94	5.13	4.94	138.86	202.79	-87.40	305.19	294.41	10.78	28.318		
1,400.00	1,389.01	1,371.50	1,364.13	5.42	5.19	138.89	210.16	-97.76	325.00	313.73	11.26	28.854		
1,500.00	1,487.71	1,469.52	1,461.32	5.72	5.45	138.91	217.52	-108.12	344.81	333.04	11.77	29.301		
1,600.00	1,586.40	1,567.53	1,558.56	6.03	5.71	138.93	224.88	-118.48	364.62	352.34	12.29	29.674		
1,700.00	1,685.10	1,665.55	1,655.70	6.35	5.98	138.95	232.24	-128.84	384.44	371.62	12.82	29.986		
1,800.00	1,783.79	1,763.57	1,752.89	6.63	6.17	138.96	239.61	-139.20	404.25	391.47	12.78	31.640		
1,900.00	1,882.49	1,861.59	1,850.08	6.87	6.25	138.98	246.97	-149.56	424.06	411.19	12.87	32.937		
2,000.00	1,981.18	1,959.60	1,947.27	7.13	6.29	138.99	254.33	-159.92	443.88	430.92	12.96	34.254		
2,100.00	2,079.87	2,057.62	2,044.46	7.42	6.35	139.00	261.69	-170.28	463.69	450.61	13.08	35.462		
2,200.00	2,178.57	2,155.64	2,141.65	7.72	6.42	139.01	269.05	-180.64	483.50	470.28	13.23	36.558		
2,300.00	2,277.26	2,253.66	2,238.84	8.03	6.52	139.02	276.42	-191.00	503.32	489.91	13.41	37.541		
2,400.00	2,375.96	2,351.67	2,336.03	8.35	6.62	139.03	283.78	-201.36	523.13	509.51	13.62	38.411		
2,500.00	2,474.65	2,449.69	2,433.22	8.68	6.74	139.04	291.14	-211.72	542.94	529.08	13.86	39.173		
2,600.00	2,573.34	2,547.71	2,530.41	9.03	6.88	139.05	298.50	-222.07	562.76	548.63	14.13	39.832		
2,700.00	2,672.04	2,645.73	2,627.60	9.39	7.03	139.05	305.86	-232.43	582.57	568.15	14.42	40.394		
2,800.00	2,770.73	2,743.74	2,724.79	9.76	7.18	139.06	313.23	-242.79	602.38	587.64	14.74	40.867		
2,900.00	2,869.43	2,841.76	2,821.98	10.14	7.36	139.07	320.59	-253.15	622.20	607.12	15.08	41.258		
3,000.00	2,968.12	2,939.78	2,919.17	10.53	7.54	139.07	327.95	-263.51	642.01	626.57	15.44	41.575		
3,100.00	3,066.81	3,037.80	3,016.36	10.93	7.73	139.08	335.31	-273.87	661.82	646.00	15.82	41.825		
3,200.00	3,165.51	3,135.81	3,113.55	11.34	7.93	139.09	342.67	-284.23	681.64	665.41	16.22	42.017		
3,300.00	3,264.20	3,233.83	3,210.74	11.76	8.14	139.09	350.04	-294.59	701.45	684.81	16.64	42.157		
3,400.00	3,362.90	3,331.85	3,307.93	12.19	8.36	139.10	357.40	-304.95	721.26	704.19	17.07	42.252		
3,500.00	3,461.59	3,429.87	3,405.12	12.63	8.58	139.10	364.76	-315.31	741.08	723.56	17.52	42.307		
3,600.00	3,560.28	3,527.88	3,502.31	13.08	8.81	139.10	372.12	-325.67	760.89	742.91	17.98	42.329		
3,700.00	3,658.98	3,625.90	3,599.50	13.54	9.05	139.11	379.49	-336.03	780.70	762.26	18.45	42.321		
3,800.00	3,757.67	3,723.92	3,696.69	14.01	9.29	139.11	386.85	-346.39	800.52	781.59	18.93	42.289		
3,900.00	3,856.37	3,821.94	3,793.88	14.49	9.54	139.12	394.21	-356.75	820.33	800.91	19.42	42.235		
4,000.00	3,955.06	3,919.95	3,891.07	14.98	9.79	139.12	401.57	-367.11	840.14	820.22	19.93	42.164		
4,100.00	4,053.75	4,017.97	3,988.26	15.48	10.05	139.12	408.93	-377.47	859.96	839.52	20.44	42.078		
4,200.00	4,152.45	4,115.99	4,085.45	16.00	10.31	139.13	416.30	-387.83	879.77	858.81	20.96	41.980		
4,300.00	4,251.14	4,214.01	4,182.64	16.53	10.57	139.13	423.66	-398.19	899.58	878.10	21.48	41.871		
4,400.00	4,349.84	4,312.02	4,279.83	17.07	10.84	139.13	431.02	-408.55	919.40	897.38	22.02	41.754		
4,500.00	4,448.53	4,410.04	4,377.02	17.63	11.12	139.13	438.38	-418.90	939.21	916.65	22.56	41.631		
4,600.00	4,547.22	4,508.06	4,474.21	18.20	11.39	139.14	445.74	-429.26	959.02	935.92	23.11	41.502		
4,700.00	4,645.92	4,606.08	4,571.40	18.78	11.67	139.14	453.11	-439.62	978.84	955.18	23.66	41.370		
4,800.00	4,744.61	4,704.09	4,668.59	19.37	11.95	139.14	460.47	-449.98	998.65	974.43	24.22	41.235		
4,900.00	4,843.31	4,802.11	4,765.78	19.97	12.23	139.14	467.83	-460.34	1,018.46	993.68	24.78	41.097		
5,000.00	4,942.00	4,900.13	4,862.97	20.58	12.52	139.15	475.19	-470.70	1,038.28	1,012.93	25.35	40.958		
5,100.00	5,040.69	5,001.86	4,960.16	21.20	12.82	139.15	482.55	-481.06	1,058.09	1,032.16	25.93	40.802		
5,200.00	5,139.39	5,103.84	5,057.35	21.83	13.12	139.15	489.92	-491.42	1,077.90	1,051.38	26.52	40.645		
5,300.00	5,238.08	5,205.82	5,154.54	22.47	13.42	139.15	497.28	-501.78	1,097.72	1,070.61	27.11	40.490		
5,400.00	5,336.78	5,292.20	5,251.73	23.12	13.68	139.16	504.64	-512.14	1,117.53	1,089.87	27.66	40.401		
5,500.00	5,435.47	5,390.22	5,348.92	23.78	13.98	139.16	512.00	-522.50	1,137.34	1,109.10	28.25	40.264		
5,600.00	5,534.16	5,488.23	5,446.11	24.45	14.27	139.16	519.37	-532.86	1,157.16	1,128.32	28.84	40.127		
5,700.00	5,632.86	5,586.25	5,543.30	25.13	14.57	139.16	526.73	-543.22	1,176.97	1,147.54	29.43	39.993		
5,800.00	5,731.55	5,684.27	5,640.49	25.82	14.87	139.16	534.09	-553.58	1,196.78	1,166.76	30.03	39.859		

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-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			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	0.80	20.04	0.28	20.04					
100.00	100.00	100.00	100.00	3.28	3.28	0.80	20.04	0.28	20.04	12.52	7.53	2.663		
200.00	200.00	200.00	200.00	3.30	3.30	0.80	20.04	0.28	20.04	12.47	7.57	2.648		
200.00	200.00	200.00	200.00	3.30	3.30	0.80	20.04	0.28	20.04	12.47	7.57	2.648	CC	
300.00	300.00	300.24	300.24	3.34	3.34	140.98	19.74	-0.04	20.08	12.43	7.65	2.625		
400.00	399.93	400.73	400.66	3.40	3.40	140.04	17.33	-2.61	20.36	12.60	7.76	2.625		
500.00	499.68	501.21	500.89	3.48	3.48	138.24	12.51	-7.75	20.94	13.03	7.91	2.648		
600.00	599.13	601.68	600.80	3.59	3.59	135.73	5.28	-15.44	21.85	13.74	8.11	2.695		
700.00	698.15	701.90	700.09	3.73	3.73	133.64	-3.99	-25.31	23.40	15.02	8.37	2.794		
800.00	796.85	801.86	799.08	3.90	3.90	134.66	-13.51	-35.45	26.22	17.54	8.69	3.019		
900.00	895.54	901.81	898.07	4.11	4.10	135.53	-23.04	-45.59	29.08	20.04	9.04	3.215		
1,000.00	994.24	1,001.77	997.05	4.33	4.31	136.25	-32.56	-55.73	31.95	22.51	9.44	3.385		
1,100.00	1,092.93	1,101.73	1,096.04	4.58	4.54	136.85	-42.08	-65.87	34.82	24.95	9.87	3.529		
1,200.00	1,191.63	1,201.69	1,195.02	4.85	4.79	137.35	-51.60	-76.02	37.69	27.37	10.32	3.652		
1,300.00	1,290.32	1,301.65	1,294.01	5.13	5.05	137.79	-61.13	-86.16	40.56	29.77	10.80	3.757		
1,400.00	1,389.01	1,401.61	1,392.99	5.42	5.33	138.16	-70.65	-96.30	43.44	32.14	11.29	3.846		
1,500.00	1,487.71	1,501.56	1,491.98	5.72	5.61	138.49	-80.17	-106.44	46.32	34.51	11.81	3.922		
1,600.00	1,586.40	1,601.52	1,590.96	6.03	5.90	138.79	-89.70	-116.58	49.20	36.86	12.34	3.987		
1,700.00	1,685.10	1,701.48	1,689.95	6.35	6.19	139.04	-99.22	-126.72	52.08	39.20	12.88	4.044		
1,800.00	1,783.79	1,801.44	1,788.93	6.53	6.35	139.28	-108.74	-136.86	54.96	42.17	12.78	4.299		
1,900.00	1,882.49	1,901.40	1,887.92	6.57	6.39	139.49	-118.27	-147.00	57.84	45.01	12.83	4.507		
2,000.00	1,981.18	2,001.36	1,986.91	6.63	6.45	139.67	-127.79	-157.14	60.72	47.80	12.92	4.700		
2,100.00	2,079.87	2,101.31	2,085.89	6.72	6.52	139.85	-137.31	-167.29	63.61	50.56	13.04	4.877		
2,200.00	2,178.57	2,201.27	2,184.88	6.82	6.61	140.00	-146.84	-177.43	66.49	53.29	13.20	5.038		
2,300.00	2,277.26	2,301.23	2,283.86	6.95	6.72	140.15	-156.36	-187.57	69.38	55.99	13.38	5.183		
2,400.00	2,375.96	2,401.19	2,382.85	7.09	6.85	140.28	-165.88	-197.71	72.26	58.66	13.60	5.312		
2,500.00	2,474.65	2,501.15	2,481.83	7.25	7.00	140.40	-175.40	-207.85	75.15	61.29	13.85	5.425		
2,600.00	2,573.34	2,601.10	2,580.82	7.42	7.15	140.52	-184.93	-217.99	78.03	63.90	14.13	5.523		
2,700.00	2,672.04	2,701.06	2,679.80	7.61	7.33	140.62	-194.45	-228.13	80.92	66.49	14.43	5.607		
2,800.00	2,770.73	2,801.02	2,778.79	7.82	7.51	140.72	-203.97	-238.27	83.80	69.05	14.76	5.679		
2,900.00	2,869.43	2,900.98	2,877.77	8.03	7.71	140.81	-213.50	-248.41	86.69	71.58	15.11	5.739		
3,000.00	2,968.12	3,000.94	2,976.76	8.26	7.92	140.90	-223.02	-258.55	89.58	74.10	15.48	5.788		
3,100.00	3,066.81	3,100.90	3,075.75	8.50	8.14	140.98	-232.54	-268.70	92.46	76.60	15.87	5.827		
3,200.00	3,165.51	3,200.85	3,174.73	8.75	8.37	141.05	-242.07	-278.84	95.35	79.07	16.28	5.858		
3,300.00	3,264.20	3,300.81	3,273.72	9.01	8.61	141.12	-251.59	-288.98	98.24	81.54	16.70	5.882		
3,400.00	3,362.90	3,400.77	3,372.70	9.28	8.85	141.19	-261.11	-299.12	101.12	83.98	17.14	5.900		
3,500.00	3,461.59	3,500.73	3,471.69	9.55	9.10	141.25	-270.64	-309.26	104.01	86.42	17.60	5.911		
3,600.00	3,560.28	3,600.69	3,570.67	9.84	9.36	141.31	-280.16	-319.40	106.90	88.84	18.06	5.918		
3,700.00	3,658.98	3,700.65	3,669.66	10.12	9.63	141.37	-289.68	-329.54	109.79	91.24	18.54	5.921		
3,800.00	3,757.67	3,800.60	3,768.64	10.42	9.90	141.42	-299.20	-339.68	112.67	93.64	19.03	5.920		
3,900.00	3,856.37	3,900.56	3,867.63	10.72	10.18	141.47	-308.73	-349.82	115.56	96.03	19.53	5.916		
4,000.00	3,955.06	4,000.52	3,966.61	11.02	10.46	141.52	-318.25	-359.96	118.45	98.40	20.05	5.909		
4,100.00	4,053.75	4,100.48	4,066.60	11.33	10.75	141.57	-327.77	-370.11	121.34	100.77	20.56	5.900		
4,200.00	4,152.45	4,200.44	4,164.59	11.64	11.04	141.61	-337.30	-380.25	124.23	103.13	21.09	5.890		
4,300.00	4,251.14	4,300.39	4,263.57	11.96	11.33	141.66	-346.82	-390.39	127.11	105.49	21.63	5.878		
4,400.00	4,349.84	4,400.35	4,362.56	12.28	11.63	141.70	-356.34	-400.53	130.00	107.83	22.17	5.864		
4,500.00	4,448.53	4,500.31	4,461.54	12.61	11.93	141.73	-365.87	-410.67	132.89	110.17	22.72	5.850		
4,600.00	4,547.22	4,600.27	4,560.53	12.93	12.24	141.77	-375.39	-420.81	135.78	112.51	23.27	5.835		
4,700.00	4,645.92	4,700.23	4,659.51	13.26	12.54	141.81	-384.91	-430.95	138.67	114.84	23.83	5.819		
4,800.00	4,744.61	4,800.19	4,758.50	13.60	12.85	141.84	-394.44	-441.09	141.55	117.16	24.39	5.803		
4,900.00	4,843.31	4,900.14	4,857.48	13.93	13.17	141.87	-403.96	-451.23	144.44	119.48	24.96	5.786		
5,000.00	4,942.00	5,000.10	4,956.47	14.27	13.48	141.90	-413.48	-461.38	147.33	121.80	25.54	5.770		
5,100.00	5,040.69	5,100.06	5,055.45	14.61	13.80	141.93	-423.00	-471.52	150.22	124.11	26.11	5.753		
5,200.00	5,139.39	5,200.02	5,154.44	14.95	14.11	141.96	-432.53	-481.66	153.11	126.41	26.69	5.736		
5,300.00	5,238.08	5,300.02	5,253.43	15.29	14.43	141.99	-442.05	-491.80	156.00	128.72	27.28	5.718		
5,400.00	5,336.78	5,400.06	5,352.41	15.64	14.76	142.02	-451.57	-501.94	158.89	131.02	27.87	5.701		
5,500.00	5,435.47	5,499.89	5,451.40	15.98	15.08	142.04	-461.10	-512.08	161.77	133.31	28.46	5.684		
5,600.00	5,534.16	5,600.15	5,550.38	16.33	15.41	142.07	-470.62	-522.22	164.66	135.61	29.06	5.667		
5,700.00	5,632.86	5,700.19	5,649.37	16.68	15.73	142.09	-480.14	-532.36	167.55	137.90	29.65	5.650		
5,800.00	5,731.55	5,800.23	5,748.35	17.03	16.06	142.12	-489.67	-542.50	170.44	140.19	30.25	5.634		
5,900.00	5,830.25	5,900.27	5,847.34	17.38	16.39	142.14	-499.19	-552.64	173.33	142.47	30.86	5.618		
6,000.00	5,928.94	6,000.32	5,946.32	17.74	16.72	142.16	-508.71	-562.79	176.22	144.76	31.46	5.601		
6,100.00	6,027.63	6,099.64	6,045.31	18.09	17.05	142.18	-518.24	-572.93	179.11	147.04	32.06	5.586		
6,200.00	6,126.33	6,200.40	6,144.29	18.44	17.38	142.20	-527.76	-583.07	182.00	149.32	32.68	5.570		
6,300.00	6,225.02	6,300.44	6,243.28	18.80	17.72	142.22	-537.28	-593.21	184.88	151.60	33.29	5.554		
6,400.00	6,323.72	6,400.48	6,342.27	19.16	18.05	142.24	-546.80	-603.35	187.77	153.87	33.90	5.539		

Offset Design												15N-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	Warning		
6,500.00	6,422.41	6,500.52	6,441.25	19.52	18.39	142.26	-556.33	-613.49	190.66	156.15	34.51	5.524			
6,600.00	6,520.95	6,600.59	6,540.21	19.88	18.72	129.22	-565.85	-623.63	193.60	158.51	35.09	5.517			
6,700.00	6,617.12	6,699.95	6,639.52	20.29	19.07	116.88	-575.42	-635.80	197.30	161.94	35.36	5.580			
6,800.00	6,708.34	6,803.48	6,738.94	20.81	19.50	114.14	-585.09	-662.58	201.85	166.06	35.78	5.641			
6,900.00	6,792.37	6,909.49	6,834.88	21.44	20.08	114.14	-594.56	-706.38	206.87	170.39	36.48	5.670			
7,000.00	6,867.14	7,017.98	6,924.17	22.21	20.82	115.08	-603.51	-767.12	212.02	174.49	37.53	5.649			
7,100.00	6,930.81	7,128.83	7,003.45	23.15	21.76	116.28	-611.61	-843.96	216.93	177.87	39.05	5.555			
7,200.00	6,981.81	7,241.80	7,069.35	24.30	22.99	117.42	-618.53	-935.27	221.20	180.00	41.20	5.369			
7,300.00	7,018.89	7,356.52	7,118.78	25.69	24.55	118.35	-623.96	-1,038.49	224.51	180.40	44.11	5.090			
7,400.00	7,041.12	7,472.52	7,149.21	27.32	26.47	118.97	-627.64	-1,150.19	226.59	178.77	47.82	4.739			
7,500.00	7,047.98	7,589.20	7,158.98	29.15	28.67	119.24	-629.37	-1,266.29	227.25	175.04	52.20	4.353			
7,600.00	7,047.53	7,688.80	7,158.70	31.13	30.71	119.30	-630.03	-1,365.89	227.18	171.21	55.96	4.060			
7,700.00	7,047.07	7,788.80	7,158.40	33.28	32.91	119.36	-630.69	-1,465.89	227.10	167.15	59.95	3.788			
7,800.00	7,046.61	7,888.80	7,158.11	35.55	35.23	119.41	-631.35	-1,565.88	227.02	162.91	64.11	3.541			
7,900.00	7,046.15	7,988.80	7,157.81	37.92	37.64	119.47	-632.01	-1,665.88	226.95	158.54	68.41	3.317			
8,000.00	7,045.70	8,088.80	7,157.52	40.38	40.13	119.53	-632.67	-1,765.88	226.87	154.04	72.83	3.115			
8,100.00	7,045.24	8,188.80	7,157.22	42.91	42.68	119.59	-633.34	-1,865.87	226.80	149.46	77.34	2.933			
8,200.00	7,044.78	8,288.80	7,156.93	45.49	45.29	119.65	-634.00	-1,965.87	226.72	144.80	81.92	2.768			
8,300.00	7,044.32	8,388.80	7,156.63	48.12	47.94	119.70	-634.66	-2,065.87	226.65	140.08	86.57	2.618			
8,400.00	7,043.87	8,488.80	7,156.34	50.79	50.62	119.76	-635.32	-2,165.86	226.57	135.30	91.27	2.482			
8,500.00	7,043.41	8,588.80	7,156.04	53.49	53.34	119.82	-635.98	-2,265.86	226.50	130.48	96.02	2.359			
8,600.00	7,042.95	8,688.80	7,155.75	56.22	56.08	119.88	-636.64	-2,365.86	226.43	125.63	100.80	2.246			
8,700.00	7,042.49	8,788.80	7,155.45	58.97	58.84	119.94	-637.30	-2,465.86	226.35	120.74	105.61	2.143			
8,800.00	7,042.03	8,888.80	7,155.16	61.74	61.62	120.00	-637.96	-2,565.85	226.28	115.83	110.45	2.049			
8,900.00	7,041.58	8,988.80	7,154.86	64.53	64.42	120.05	-638.62	-2,665.85	226.21	110.90	115.31	1.962			
9,000.00	7,041.12	9,088.80	7,154.57	67.34	67.23	120.11	-639.29	-2,765.85	226.13	105.94	120.19	1.881			
9,100.00	7,040.66	9,188.80	7,154.27	70.15	70.06	120.17	-639.95	-2,865.84	226.06	100.98	125.09	1.807			
9,200.00	7,040.20	9,288.80	7,153.98	72.98	72.89	120.23	-640.61	-2,965.84	225.99	95.99	130.00	1.738			
9,300.00	7,039.75	9,388.80	7,153.68	75.83	75.74	120.29	-641.27	-3,065.84	225.92	91.00	134.91	1.675			
9,400.00	7,039.29	9,488.80	7,153.39	78.67	78.59	120.35	-641.93	-3,165.84	225.85	86.00	139.84	1.615			
9,500.00	7,038.83	9,588.80	7,153.09	81.53	81.45	120.40	-642.59	-3,265.83	225.77	80.99	144.78	1.559			
9,600.00	7,038.37	9,688.80	7,152.80	84.40	84.32	120.46	-643.25	-3,365.83	225.70	75.98	149.72	1.507			
9,700.00	7,037.91	9,788.80	7,152.50	87.27	87.20	120.52	-643.91	-3,465.83	225.63	70.96	154.67	1.459 Level 3			
9,800.00	7,037.46	9,888.80	7,152.21	90.15	90.08	120.58	-644.57	-3,565.82	225.56	65.94	159.62	1.413 Level 3			
9,900.00	7,037.00	9,988.80	7,151.91	93.03	92.97	120.64	-645.24	-3,665.82	225.49	60.91	164.58	1.370 Level 3			
10,000.00	7,036.54	10,088.80	7,151.62	95.92	95.86	120.70	-645.90	-3,765.82	225.42	55.88	169.54	1.330 Level 3			
10,100.00	7,036.08	10,188.80	7,151.32	98.81	98.75	120.76	-646.56	-3,865.82	225.35	50.85	174.50	1.291 Level 3			
10,200.00	7,035.63	10,288.80	7,151.03	101.71	101.65	120.81	-647.22	-3,965.81	225.28	45.82	179.46	1.255 Level 3			
10,300.00	7,035.17	10,388.80	7,150.73	104.61	104.55	120.87	-647.88	-4,065.81	225.21	40.79	184.42	1.221 Level 2			
10,400.00	7,034.71	10,488.80	7,150.43	107.51	107.46	120.93	-648.54	-4,165.81	225.14	35.76	189.38	1.189 Level 2			
10,500.00	7,034.25	10,588.80	7,150.14	110.42	110.37	120.99	-649.20	-4,265.80	225.07	30.73	194.34	1.158 Level 2			
10,600.00	7,033.80	10,688.79	7,149.84	113.33	113.28	121.05	-649.86	-4,365.80	225.00	25.70	199.30	1.129 Level 2			
10,700.00	7,033.34	10,788.79	7,149.55	116.24	116.19	121.11	-650.52	-4,465.80	224.93	20.67	204.26	1.101 Level 2			
10,800.00	7,032.88	10,888.79	7,149.25	119.15	119.11	121.17	-651.19	-4,565.79	224.86	15.65	209.21	1.075 Level 2			
10,900.00	7,032.42	10,988.79	7,148.96	122.07	122.03	121.23	-651.85	-4,665.79	224.80	10.63	214.17	1.050 Level 2			
11,000.00	7,031.96	11,088.79	7,148.66	124.99	124.95	121.29	-652.51	-4,765.79	224.73	5.61	219.12	1.026 Level 2			
11,100.00	7,031.51	11,188.79	7,148.37	127.91	127.87	121.34	-653.17	-4,865.79	224.66	0.59	224.07	1.003 Level 2			
11,200.00	7,031.05	11,288.79	7,148.07	130.84	130.80	121.40	-653.83	-4,965.78	224.59	-4.43	229.02	0.981 Level 1			
11,300.00	7,030.59	11,388.79	7,147.78	133.76	133.72	121.46	-654.49	-5,065.78	224.52	-9.44	233.96	0.960 Level 1			
11,400.00	7,030.13	11,488.79	7,147.48	136.69	136.65	121.52	-655.15	-5,165.78	224.46	-14.44	238.90	0.940 Level 1			
11,500.00	7,029.68	11,588.79	7,147.19	139.62	139.58	121.58	-655.81	-5,265.77	224.39	-19.45	243.84	0.920 Level 1			
11,600.00	7,029.22	11,688.79	7,146.89	142.54	142.51	121.64	-656.47	-5,365.77	224.32	-24.45	248.77	0.902 Level 1			
11,700.00	7,028.76	11,788.79	7,146.60	145.48	145.44	121.70	-657.14	-5,465.77	224.26	-29.44	253.70	0.884 Level 1			
11,800.00	7,028.30	11,888.79	7,146.30	148.41	148.37	121.76	-657.80	-5,565.77	224.19	-34.44	258.63	0.867 Level 1			
11,900.00	7,027.84	11,988.79	7,146.01	151.34	151.31	121.82	-658.46	-5,665.76	224.12	-39.42	263.55	0.850 Level 1			
12,000.00	7,027.39	12,088.79	7,145.71	154.28	154.24	121.88	-659.12	-5,765.76	224.06	-44.41	268.47	0.835 Level 1			
12,100.00	7,026.93	12,188.79	7,145.42	157.21	157.18	121.94	-659.78	-5,865.76	223.99	-49.38	273.38	0.819 Level 1			
12,200.00	7,026.47	12,288.79	7,145.12	160.15	160.11	122.00	-660.44	-5,965.75	223.93	-54.36	278.29	0.805 Level 1			
12,300.00	7,026.01	12,388.79	7,144.83	163.08	163.05	122.06	-661.10	-6,065.75	223.86	-59.33	283.19	0.791 Level 1			
12,400.00	7,025.56	12,488.79	7,144.53	166.02	165.99	122.12	-661.76	-6,165.75	223.80	-64.29	288.09	0.777 Level 1			
12,500.00	7,025.10	12,588.79	7,144.24	168.96	168.93	122.18	-662.42	-6,265.75	223.73	-69.25	292.98	0.764 Level 1			
12,600.00	7,024.64	12,688.79	7,143.94	171.90	171.87	122.24	-663.09	-6,365.74	223.67	-74.20	297.87	0.751 Level 1			
12,700.00	7,024.18	12,788.79	7,143.65	174.84	174.81	122.30	-663.75	-6,465.74	223.61	-79.15	302.76	0.739 Level 1			
12,800.00	7,023.73	12,888.79	7,143.35	177.78	177.75	122.35	-664.41	-6,565.74	223.54	-84.10	307.64	0.727 Level 1			
12,900.00	7,023.27	12,988.79	7,143.06	180.73	180.69	122.41	-665.07	-6,665.73	223.48	-89.03	312.51	0.715 Level 1			
13,000.00	7,022.81	13,088.79	7,142.76	183.67	183.64	122.47	-665.73	-6,765.73	223.42	-93.97	317.38	0.704 Level 1			

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	
13,100.00	7,022.35	13,188.79	7,142.47	186.61	186.58	122.53	-666.39	-6,865.73	223.35	-98.89	322.25	0.693	Level 1	
13,200.00	7,021.89	13,288.79	7,142.17	189.55	189.52	122.59	-667.05	-6,965.73	223.29	-103.82	327.10	0.683	Level 1	
13,300.00	7,021.44	13,388.79	7,141.88	192.50	192.47	122.65	-667.71	-7,065.72	223.23	-108.73	331.96	0.672	Level 1	
13,400.00	7,020.98	13,488.79	7,141.58	195.44	195.41	122.71	-668.37	-7,165.72	223.16	-113.64	336.81	0.663	Level 1	
13,500.00	7,020.52	13,588.79	7,141.29	198.39	198.36	122.77	-669.04	-7,265.72	223.10	-118.55	341.65	0.653	Level 1	
13,600.00	7,020.06	13,688.79	7,140.99	201.34	201.31	122.83	-669.70	-7,365.71	223.04	-123.44	346.49	0.644	Level 1	
13,700.00	7,019.61	13,788.79	7,140.70	204.28	204.25	122.89	-670.36	-7,465.71	222.98	-128.34	351.32	0.635	Level 1	
13,800.00	7,019.15	13,888.79	7,140.40	207.23	207.20	122.95	-671.02	-7,565.71	222.92	-133.22	356.14	0.626	Level 1	
13,900.00	7,018.69	13,988.79	7,140.11	210.18	210.15	123.01	-671.68	-7,665.70	222.86	-138.10	360.96	0.617	Level 1	
14,000.00	7,018.23	14,088.79	7,139.81	213.12	213.09	123.07	-672.34	-7,765.70	222.80	-142.98	365.78	0.609	Level 1	
14,100.00	7,017.77	14,188.78	7,139.52	216.07	216.04	123.13	-673.00	-7,865.70	222.74	-147.85	370.58	0.601	Level 1	
14,200.00	7,017.32	14,288.78	7,139.22	219.02	218.99	123.19	-673.66	-7,965.70	222.68	-152.71	375.39	0.593	Level 1	
14,300.00	7,016.86	14,388.78	7,138.93	221.97	221.94	123.25	-674.32	-8,065.69	222.62	-157.57	380.18	0.586	Level 1	
14,400.00	7,016.40	14,488.78	7,138.63	224.92	224.89	123.31	-674.99	-8,165.69	222.56	-162.42	384.97	0.578	Level 1	
14,500.00	7,015.94	14,588.78	7,138.34	227.87	227.84	123.37	-675.65	-8,265.69	222.50	-167.26	389.76	0.571	Level 1	
14,600.00	7,015.49	14,688.78	7,138.04	230.82	230.79	123.43	-676.31	-8,365.68	222.44	-172.10	394.54	0.564	Level 1	
14,700.00	7,015.03	14,788.78	7,137.75	233.77	233.74	123.50	-676.97	-8,465.68	222.38	-176.93	399.31	0.557	Level 1	
14,800.00	7,014.57	14,888.78	7,137.45	236.72	236.69	123.56	-677.63	-8,565.68	222.32	-181.76	404.07	0.550	Level 1	
14,900.00	7,014.11	14,988.78	7,137.16	239.67	239.64	123.62	-678.29	-8,665.68	222.26	-186.57	408.83	0.544	Level 1	
15,000.00	7,013.65	15,088.78	7,136.86	242.62	242.59	123.68	-678.95	-8,765.67	222.20	-191.39	413.59	0.537	Level 1	
15,100.00	7,013.20	15,188.78	7,136.57	245.57	245.54	123.74	-679.61	-8,865.67	222.14	-196.19	418.33	0.531	Level 1	
15,200.00	7,012.74	15,288.78	7,136.27	248.52	248.49	123.80	-680.27	-8,965.67	222.09	-200.99	423.08	0.525	Level 1	
15,300.00	7,012.28	15,388.78	7,135.98	251.47	251.44	123.86	-680.94	-9,065.66	222.03	-205.78	427.81	0.519	Level 1	
15,400.00	7,011.82	15,488.78	7,135.68	254.43	254.39	123.92	-681.60	-9,165.66	221.97	-210.57	432.54	0.513	Level 1	
15,500.00	7,011.37	15,588.78	7,135.39	257.38	257.35	123.98	-682.26	-9,265.66	221.91	-215.35	437.26	0.508	Level 1	
15,600.00	7,010.91	15,688.78	7,135.09	260.33	260.30	124.04	-682.92	-9,365.66	221.86	-220.12	441.98	0.502	Level 1	
15,700.00	7,010.45	15,788.78	7,134.80	263.28	263.25	124.10	-683.58	-9,465.65	221.80	-224.89	446.69	0.497	Level 1	
15,800.00	7,009.99	15,888.78	7,134.50	266.24	266.20	124.16	-684.24	-9,565.65	221.74	-229.65	451.39	0.491	Level 1	
15,900.00	7,009.54	15,988.78	7,134.21	269.19	269.16	124.22	-684.90	-9,665.65	221.69	-234.40	456.09	0.486	Level 1	
16,000.00	7,009.08	16,088.78	7,133.91	272.14	272.11	124.28	-685.56	-9,765.64	221.63	-239.14	460.78	0.481	Level 1	
16,100.00	7,008.62	16,188.78	7,133.62	275.09	275.06	124.34	-686.22	-9,865.64	221.58	-243.88	465.46	0.476	Level 1	
16,200.00	7,008.16	16,288.78	7,133.32	278.05	278.02	124.40	-686.89	-9,965.64	221.52	-248.62	470.14	0.471	Level 1	
16,300.00	7,007.70	16,388.78	7,133.03	281.00	280.97	124.46	-687.55	-10,065.63	221.46	-253.34	474.81	0.466	Level 1	
16,400.00	7,007.25	16,488.78	7,132.73	283.96	283.92	124.53	-688.21	-10,165.63	221.41	-258.06	479.47	0.462	Level 1	
16,500.00	7,006.79	16,588.78	7,132.44	286.91	286.88	124.59	-688.87	-10,265.63	221.36	-262.77	484.13	0.457	Level 1	
16,600.00	7,006.33	16,688.78	7,132.14	289.86	289.83	124.65	-689.53	-10,365.63	221.30	-267.48	488.78	0.453	Level 1	
16,700.00	7,005.87	16,788.78	7,131.85	292.82	292.78	124.71	-690.19	-10,465.62	221.25	-272.17	493.42	0.448	Level 1	
16,800.00	7,005.42	16,888.78	7,131.55	295.77	295.74	124.77	-690.85	-10,565.62	221.19	-276.86	498.06	0.444	Level 1	
16,900.00	7,004.96	16,988.78	7,131.26	298.73	298.69	124.83	-691.51	-10,665.62	221.14	-281.55	502.69	0.440	Level 1	
17,000.00	7,004.50	17,088.78	7,130.96	301.68	301.65	124.89	-692.17	-10,765.61	221.09	-286.22	507.31	0.436	Level 1	
17,100.00	7,004.04	17,188.78	7,130.67	304.64	304.60	124.95	-692.84	-10,865.61	221.03	-290.89	511.93	0.432	Level 1	
17,200.00	7,003.58	17,288.78	7,130.37	307.59	307.56	125.01	-693.50	-10,965.61	220.98	-295.56	516.54	0.428	Level 1	
17,300.00	7,003.13	17,388.78	7,130.08	310.55	310.51	125.07	-694.16	-11,065.61	220.93	-300.21	521.14	0.424	Level 1	
17,327.31	7,003.00	17,416.09	7,130.00	311.36	311.32	125.09	-694.34	-11,092.92	220.91	-301.48	522.39	0.423	Level 1, ES, SF	
17,327.69	7,003.00	17,414.80	7,130.00	311.37	311.28	125.09	-694.33	-11,091.63	220.92	-301.37	522.29	0.423	Level 1	

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	0.00	0.00	3.28	3.28	0.40	40.06	0.28	40.07					
100.00	100.00	100.00	100.00	3.28	3.28	0.40	40.06	0.28	40.07	32.54	7.53	5.323		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.06	0.28	40.07	32.50	7.57	5.294		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.06	0.28	40.07	32.50	7.57	5.294	CC	
300.00	300.00	300.38	300.37	3.34	3.34	140.56	39.83	-0.10	40.17	32.52	7.65	5.251		
400.00	399.93	401.12	401.05	3.40	3.40	139.49	37.95	-3.10	40.99	33.23	7.76	5.283		
500.00	499.68	501.84	501.51	3.48	3.49	137.46	34.20	-9.10	42.68	34.77	7.92	5.392		
600.00	599.13	602.50	601.61	3.59	3.59	134.71	28.59	-18.09	45.30	37.18	8.12	5.576		
700.00	698.15	702.49	700.79	3.73	3.73	132.96	21.87	-28.84	49.48	41.09	8.40	5.894		
800.00	796.85	802.33	799.82	3.90	3.90	133.20	15.15	-39.60	55.15	46.44	8.72	6.328		
900.00	895.54	902.16	898.85	4.11	4.09	133.42	8.42	-50.36	60.85	51.77	9.08	6.702		
1,000.00	994.24	1,002.00	997.88	4.33	4.30	133.61	1.70	-61.12	66.55	57.07	9.48	7.020		
1,100.00	1,092.93	1,101.84	1,096.91	4.58	4.52	133.76	-5.02	-71.87	72.25	62.33	9.91	7.287		
1,200.00	1,191.63	1,201.68	1,195.93	4.85	4.76	133.89	-11.74	-82.63	77.94	67.57	10.38	7.511		
1,300.00	1,290.32	1,301.51	1,294.96	5.13	5.01	134.01	-18.47	-93.39	83.64	72.78	10.86	7.699		
1,400.00	1,389.01	1,401.35	1,393.99	5.42	5.27	134.11	-25.19	-104.15	89.34	77.97	11.37	7.856		
1,500.00	1,487.71	1,501.19	1,493.02	5.72	5.55	134.20	-31.91	-114.91	95.04	83.14	11.90	7.988		
1,600.00	1,586.40	1,601.03	1,592.05	6.03	5.82	134.28	-38.63	-125.66	100.74	88.30	12.44	8.099		
1,700.00	1,685.10	1,700.86	1,691.08	6.35	6.11	134.35	-45.36	-136.42	106.44	93.45	12.99	8.192		
1,800.00	1,783.79	1,800.70	1,790.10	6.68	6.42	134.41	-52.08	-147.18	112.14	99.23	12.91	8.686		
1,900.00	1,882.49	1,900.54	1,889.13	7.02	6.72	134.47	-58.80	-157.94	117.84	104.87	12.97	9.087		
2,000.00	1,981.18	2,000.38	1,988.16	7.37	7.03	134.52	-65.52	-168.70	123.54	110.47	13.06	9.458		
2,100.00	2,079.87	2,100.21	2,087.19	7.72	7.34	134.57	-72.25	-179.46	129.24	116.04	13.19	9.796		
2,200.00	2,178.57	2,200.05	2,186.22	8.08	7.65	134.61	-79.07	-190.21	134.94	121.58	13.36	10.103		
2,300.00	2,277.26	2,300.11	2,285.24	8.45	7.98	134.65	-85.89	-200.97	140.64	127.08	13.55	10.376		
2,400.00	2,375.96	2,400.27	2,384.27	8.83	8.32	134.68	-92.71	-211.73	146.34	132.55	13.78	10.616		
2,500.00	2,474.65	2,500.44	2,483.30	9.22	8.66	134.72	-99.54	-222.49	152.04	137.99	14.04	10.826		
2,600.00	2,573.34	2,600.60	2,582.33	9.62	8.99	134.75	-106.46	-233.25	157.74	143.40	14.33	11.006		
2,700.00	2,672.04	2,700.76	2,681.36	10.03	9.35	134.78	-113.58	-244.00	163.44	148.79	14.65	11.159		
2,800.00	2,770.73	2,800.93	2,780.38	10.45	9.72	134.81	-120.93	-254.76	169.14	154.15	14.99	11.287		
2,900.00	2,869.43	2,901.09	2,879.41	10.88	10.09	134.83	-128.43	-265.52	174.84	159.49	15.35	11.391		
3,000.00	2,968.12	3,001.25	2,978.44	11.33	10.47	134.85	-136.06	-276.28	180.54	164.80	15.73	11.475		
3,100.00	3,066.81	3,101.41	3,077.47	11.79	10.86	134.88	-143.85	-287.04	186.24	170.10	16.14	11.541		
3,200.00	3,165.51	3,201.58	3,176.50	12.27	11.27	134.90	-151.79	-297.80	191.94	175.38	16.56	11.591		
3,300.00	3,264.20	3,301.74	3,275.53	12.76	11.73	134.92	-159.88	-308.55	197.64	180.64	17.00	11.627		
3,400.00	3,362.90	3,401.90	3,374.55	13.27	12.21	134.94	-168.11	-319.31	203.34	185.88	17.45	11.651		
3,500.00	3,461.59	3,497.94	3,473.58	13.79	12.67	134.95	-176.48	-330.07	209.04	191.13	17.91	11.670		
3,600.00	3,560.28	3,602.23	3,572.61	14.33	13.16	134.97	-185.00	-340.83	214.74	196.33	18.40	11.668		
3,700.00	3,658.98	3,702.39	3,671.64	14.88	13.63	134.99	-193.66	-351.59	220.44	201.54	18.90	11.664		
3,800.00	3,757.67	3,802.55	3,770.67	15.45	14.09	135.00	-202.57	-362.34	226.14	206.73	19.41	11.653		
3,900.00	3,856.37	3,902.71	3,869.69	16.03	14.54	135.02	-211.73	-373.10	231.84	211.92	19.92	11.638		
4,000.00	3,955.06	4,002.88	3,968.72	16.63	14.98	135.03	-221.14	-383.86	237.54	217.09	20.45	11.617		
4,100.00	4,053.75	4,103.04	4,067.75	17.24	15.41	135.04	-230.80	-394.62	243.24	222.26	20.98	11.593		
4,200.00	4,152.45	4,203.20	4,166.78	17.87	15.83	135.05	-240.71	-405.38	248.94	227.42	21.52	11.565		
4,300.00	4,251.14	4,303.36	4,265.81	18.51	16.24	135.07	-250.87	-416.14	254.64	232.57	22.08	11.535		
4,400.00	4,349.84	4,403.53	4,364.84	19.17	16.64	135.08	-261.28	-426.99	260.34	237.71	22.63	11.503		
4,500.00	4,448.53	4,503.69	4,463.86	19.84	17.04	135.09	-271.94	-437.65	266.04	242.85	23.20	11.469		
4,600.00	4,547.22	4,603.85	4,562.89	20.53	17.43	135.10	-282.85	-448.41	271.74	247.98	23.77	11.434		
4,700.00	4,645.92	4,704.02	4,661.92	21.23	17.81	135.11	-293.99	-459.17	277.44	253.10	24.34	11.398		
4,800.00	4,744.61	4,804.18	4,760.95	21.95	18.18	135.12	-305.37	-469.93	283.14	258.22	24.92	11.362		
4,900.00	4,843.31	4,904.34	4,859.98	22.68	18.54	135.13	-316.89	-480.68	288.84	263.34	25.51	11.325		
5,000.00	4,942.00	5,004.50	4,959.00	23.43	18.89	135.14	-328.63	-491.44	294.54	268.45	26.10	11.287		
5,100.00	5,040.69	5,095.33	5,058.03	24.19	19.23	135.15	-340.61	-502.20	300.25	273.58	26.66	11.261		
5,200.00	5,139.39	5,195.17	5,157.06	24.97	19.56	135.15	-352.82	-512.96	305.95	278.69	27.26	11.224		
5,300.00	5,238.08	5,304.99	5,256.09	25.77	19.88	135.16	-365.25	-523.72	311.65	283.76	27.89	11.175		
5,400.00	5,336.78	5,405.15	5,355.12	26.58	20.19	135.17	-377.90	-534.48	317.35	288.85	28.49	11.138		
5,500.00	5,435.47	5,505.32	5,454.14	27.41	20.49	135.18	-390.81	-545.23	323.05	293.95	29.10	11.101		
5,600.00	5,534.16	5,605.48	5,553.17	28.25	20.78	135.18	-403.95	-555.99	328.75	299.04	29.71	11.065		
5,700.00	5,632.86	5,705.64	5,652.20	29.11	21.06	135.19	-417.32	-566.75	334.45	304.12	30.32	11.029		
5,800.00	5,731.55	5,805.80	5,751.23	29.98	21.33	135.20	-430.92	-577.51	340.15	309.21	30.94	10.994		
5,900.00	5,830.25	5,905.97	5,850.26	30.87	21.59	135.20	-444.75	-588.27	345.85	314.29	31.56	10.959		
6,000.00	5,928.94	6,006.13	5,949.29	31.77	21.84	135.21	-458.81	-599.02	351.55	319.37	32.18	10.924		
6,100.00	6,027.63	6,106.29	6,048.31	32.69	22.08	135.22	-473.01	-609.78	357.25	324.45	32.80	10.891		
6,200.00	6,126.33	6,206.45	6,147.34	33.62	22.31	135.22	-487.44	-620.54	362.95	329.52	33.43	10.858		
6,300.00	6,225.02	6,293.38	6,246.37	34.57	22.53	135.23	-502.00	-631.30	368.65	334.64	34.01	10.838		
6,400.00	6,323.72	6,389.38	6,341.02	35.53	22.74	134.63	-516.69	-645.53	374.35	340.02	34.71	10.795		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference				Offset			Semi Major Axis			Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,422.41	6,481.03	6,428.53	19.52	17.85	132.15	-367.03	-671.81	382.60	346.93	35.67	10.726		
6,600.00	6,520.95	6,566.61	6,506.07	19.88	18.34	114.64	-372.40	-707.47	393.77	356.98	36.78	10.705		
6,700.00	6,617.12	6,648.45	6,575.12	20.29	18.90	94.48	-377.22	-751.04	407.01	369.13	37.88	10.746		
6,800.00	6,708.34	6,727.89	6,636.27	20.81	19.56	84.13	-381.54	-801.47	420.95	381.98	38.97	10.801		
6,900.00	6,792.37	6,805.40	6,689.46	21.44	20.32	77.44	-385.34	-857.67	434.69	394.61	40.09	10.844		
7,000.00	6,867.14	6,881.39	6,734.61	22.21	21.22	72.69	-388.61	-918.65	447.47	406.18	41.29	10.837		
7,100.00	6,930.81	6,956.21	6,771.67	23.15	22.24	69.24	-391.36	-983.53	458.63	416.00	42.64	10.757		
7,200.00	6,981.81	7,030.13	6,800.58	24.30	23.41	66.77	-393.56	-1,051.49	467.70	423.49	44.21	10.580		
7,300.00	7,018.89	7,103.43	6,821.30	25.69	24.69	65.13	-395.22	-1,121.74	474.30	428.26	46.04	10.302		
7,400.00	7,041.12	7,176.35	6,833.79	27.32	26.09	64.23	-396.33	-1,193.53	478.19	430.01	48.17	9.926		
7,500.00	7,047.98	7,249.42	6,838.00	29.15	27.57	64.01	-396.89	-1,266.06	479.22	428.62	50.60	9.470		
7,600.00	7,047.53	7,349.05	6,838.08	31.13	29.73	64.08	-397.27	-1,366.06	479.08	424.59	54.49	8.792		
7,700.00	7,047.07	7,449.05	6,838.17	33.28	32.01	64.14	-397.65	-1,466.06	478.93	420.32	58.61	8.171		
7,800.00	7,046.61	7,549.04	6,838.25	35.55	34.40	64.20	-398.03	-1,566.06	478.79	415.85	62.94	7.607		
7,900.00	7,046.15	7,649.04	6,838.33	37.92	36.88	64.27	-398.41	-1,666.05	478.65	411.22	67.43	7.098		
8,000.00	7,045.70	7,749.04	6,838.41	40.38	39.43	64.33	-398.79	-1,766.05	478.51	406.45	72.06	6.641		
8,100.00	7,045.24	7,849.04	6,838.49	42.91	42.03	64.39	-399.18	-1,866.05	478.37	401.57	76.80	6.229		
8,200.00	7,044.78	7,949.04	6,838.57	45.49	44.68	64.46	-399.56	-1,966.05	478.23	396.60	81.63	5.859		
8,300.00	7,044.32	8,049.04	6,838.65	48.12	47.36	64.52	-399.94	-2,066.05	478.09	391.55	86.53	5.525		
8,400.00	7,043.87	8,149.04	6,838.74	50.79	50.08	64.58	-400.32	-2,166.04	477.95	386.44	91.51	5.223		
8,500.00	7,043.41	8,249.03	6,838.82	53.49	52.83	64.65	-400.70	-2,266.04	477.81	381.27	96.54	4.949		
8,600.00	7,042.95	8,349.03	6,838.90	56.22	55.59	64.71	-401.08	-2,366.04	477.67	376.05	101.62	4.701		
8,700.00	7,042.49	8,449.03	6,838.98	58.97	58.38	64.77	-401.46	-2,466.04	477.53	370.79	106.74	4.474		
8,800.00	7,042.03	8,549.03	6,839.06	61.74	61.19	64.84	-401.84	-2,566.03	477.39	365.50	111.90	4.266		
8,900.00	7,041.58	8,649.03	6,839.14	64.53	64.00	64.90	-402.22	-2,666.03	477.26	360.17	117.09	4.076		
9,000.00	7,041.12	8,749.03	6,839.22	67.34	66.84	64.97	-402.60	-2,766.03	477.12	354.81	122.31	3.901		
9,100.00	7,040.66	8,849.03	6,839.31	70.15	69.68	65.03	-402.98	-2,866.03	476.99	349.42	127.56	3.739		
9,200.00	7,040.20	8,949.02	6,839.39	72.98	72.53	65.09	-403.36	-2,966.02	476.85	344.02	132.83	3.590		
9,300.00	7,039.75	9,049.02	6,839.47	75.83	75.39	65.16	-403.74	-3,066.02	476.72	338.59	138.13	3.451		
9,400.00	7,039.29	9,149.02	6,839.55	78.67	78.26	65.22	-404.12	-3,166.02	476.58	333.14	143.44	3.322		
9,500.00	7,038.83	9,249.02	6,839.63	81.53	81.13	65.29	-404.50	-3,266.02	476.45	327.67	148.78	3.202		
9,600.00	7,038.37	9,349.02	6,839.71	84.40	84.01	65.35	-404.89	-3,366.02	476.32	322.19	154.13	3.090		
9,700.00	7,037.91	9,449.02	6,839.79	87.27	86.90	65.41	-405.27	-3,466.01	476.19	316.69	159.49	2.986		
9,800.00	7,037.46	9,549.01	6,839.87	90.15	89.79	65.48	-405.65	-3,566.01	476.05	311.18	164.87	2.887		
9,900.00	7,037.00	9,649.01	6,839.96	93.03	92.69	65.54	-406.03	-3,666.01	475.92	305.66	170.27	2.795		
10,000.00	7,036.54	9,749.01	6,840.04	95.92	95.59	65.61	-406.41	-3,766.01	475.79	300.12	175.67	2.708		
10,100.00	7,036.08	9,849.01	6,840.12	98.81	98.49	65.67	-406.79	-3,866.00	475.66	294.57	181.09	2.627		
10,200.00	7,035.63	9,949.01	6,840.20	101.71	101.40	65.73	-407.17	-3,966.00	475.54	289.01	186.52	2.549		
10,300.00	7,035.17	10,049.01	6,840.28	104.61	104.31	65.80	-407.55	-4,066.00	475.41	283.44	191.96	2.477		
10,400.00	7,034.71	10,149.01	6,840.36	107.51	107.22	65.86	-407.93	-4,166.00	475.28	277.86	197.42	2.408		
10,500.00	7,034.25	10,249.00	6,840.44	110.42	110.14	65.93	-408.31	-4,266.00	475.15	272.28	202.88	2.342		
10,600.00	7,033.80	10,349.00	6,840.53	113.33	113.06	65.99	-408.69	-4,365.99	475.03	266.68	208.35	2.280		
10,700.00	7,033.34	10,449.00	6,840.61	116.24	115.98	66.06	-409.07	-4,465.99	474.90	261.07	213.83	2.221		
10,800.00	7,032.88	10,549.00	6,840.69	119.15	118.90	66.12	-409.45	-4,565.99	474.78	255.46	219.32	2.165		
10,900.00	7,032.42	10,649.00	6,840.77	122.07	121.82	66.19	-409.83	-4,665.99	474.65	249.84	224.82	2.111		
11,000.00	7,031.96	10,749.00	6,840.85	124.99	124.75	66.25	-410.21	-4,765.98	474.53	244.21	230.32	2.060		
11,100.00	7,031.51	10,849.00	6,840.93	127.91	127.68	66.31	-410.60	-4,865.98	474.40	238.57	235.83	2.012		
11,200.00	7,031.05	10,948.99	6,841.01	130.84	130.61	66.38	-410.98	-4,965.98	474.28	232.92	241.36	1.965		
11,300.00	7,030.59	11,048.99	6,841.10	133.76	133.54	66.44	-411.36	-5,065.98	474.16	227.27	246.88	1.921		
11,400.00	7,030.13	11,148.99	6,841.18	136.69	136.47	66.51	-411.74	-5,165.97	474.04	221.62	252.42	1.878		
11,500.00	7,029.68	11,248.99	6,841.26	139.62	139.40	66.57	-412.12	-5,265.97	473.92	215.95	257.96	1.837		
11,600.00	7,029.22	11,348.99	6,841.34	142.54	142.34	66.64	-412.50	-5,365.97	473.80	210.28	263.51	1.798		
11,700.00	7,028.76	11,448.99	6,841.42	145.48	145.27	66.70	-412.88	-5,465.97	473.68	204.60	269.07	1.760		
11,800.00	7,028.30	11,548.98	6,841.50	148.41	148.21	66.77	-413.26	-5,565.97	473.56	198.92	274.63	1.724		
11,900.00	7,027.84	11,648.98	6,841.58	151.34	151.15	66.83	-413.64	-5,665.96	473.44	193.23	280.20	1.690		
12,000.00	7,027.39	11,748.98	6,841.67	154.28	154.09	66.90	-414.02	-5,765.96	473.32	187.54	285.78	1.656		
12,100.00	7,026.93	11,848.98	6,841.75	157.21	157.03	66.96	-414.40	-5,865.96	473.20	181.84	291.36	1.624		
12,200.00	7,026.47	11,948.98	6,841.83	160.15	159.97	67.03	-414.78	-5,965.96	473.09	176.13	296.95	1.593		
12,300.00	7,026.01	12,048.98	6,841.91	163.08	162.91	67.09	-415.16	-6,065.95	472.97	170.42	302.55	1.563		
12,400.00	7,025.56	12,148.98	6,841.99	166.02	165.85	67.16	-415.54	-6,165.95	472.85	164.71	308.15	1.535		
12,500.00	7,025.10	12,248.97	6,842.07	168.96	168.79	67.22	-415.92	-6,265.95	472.74	158.99	313.75	1.507		
12,600.00	7,024.64	12,348.97	6,842.15	171.90	171.74	67.29	-416.31	-6,365.95	472.62	153.26	319.36	1.480 Level 3		
12,700.00	7,024.18	12,448.97	6,842.24	174.84	174.68	67.35	-416.69	-6,465.95	472.51	147.53	324.98	1.454 Level 3		
12,800.00	7,023.73	12,548.97	6,842.32	177.78	177.63	67.42	-417.07	-6,565.94	472.40	141.79	330.60	1.429 Level 3		
12,900.00	7,023.27	12,648.97	6,842.40	180.73	180.57	67.48	-417.45	-6,665.94	472.28	136.05	336.23	1.405 Level 3		
13,000.00	7,022.81	12,748.97	6,842.48	183.67	183.52	67.55	-417.83	-6,765.94	472.17	130.31	341.87	1.381 Level 3		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft	
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
13,100.00	7,022.35	12,848.97	6,842.56	186.61	186.46	67.61	-418.21	-6,865.94	472.06	124.56	347.50	1.358	Level 3
13,200.00	7,021.89	12,948.96	6,842.64	189.55	189.41	67.68	-418.59	-6,965.93	471.95	118.80	353.15	1.336	Level 3
13,300.00	7,021.44	13,048.96	6,842.72	192.50	192.36	67.74	-418.97	-7,065.93	471.84	113.04	358.80	1.315	Level 3
13,400.00	7,020.98	13,148.96	6,842.80	195.44	195.31	67.81	-419.35	-7,165.93	471.73	107.28	364.45	1.294	Level 3
13,500.00	7,020.52	13,248.96	6,842.89	198.39	198.25	67.87	-419.73	-7,265.93	471.62	101.51	370.11	1.274	Level 3
13,600.00	7,020.06	13,348.96	6,842.97	201.34	201.20	67.94	-420.11	-7,365.93	471.51	95.74	375.78	1.255	Level 3
13,700.00	7,019.61	13,448.96	6,843.05	204.28	204.15	68.00	-420.49	-7,465.92	471.41	89.96	381.45	1.236	Level 2
13,800.00	7,019.15	13,548.95	6,843.13	207.23	207.10	68.07	-420.87	-7,565.92	471.30	84.18	387.12	1.217	Level 2
13,900.00	7,018.69	13,648.95	6,843.21	210.18	210.05	68.14	-421.25	-7,665.92	471.19	78.39	392.80	1.200	Level 2
14,000.00	7,018.23	13,748.95	6,843.29	213.12	213.00	68.20	-421.63	-7,765.92	471.09	72.60	398.49	1.182	Level 2
14,100.00	7,017.77	13,848.95	6,843.37	216.07	215.95	68.27	-422.02	-7,865.91	470.98	66.81	404.18	1.165	Level 2
14,200.00	7,017.32	13,948.95	6,843.46	219.02	218.90	68.33	-422.40	-7,965.91	470.88	61.01	409.87	1.149	Level 2
14,300.00	7,016.86	14,048.95	6,843.54	221.97	221.85	68.40	-422.78	-8,065.91	470.77	55.21	415.57	1.133	Level 2
14,400.00	7,016.40	14,148.95	6,843.62	224.92	224.80	68.46	-423.16	-8,165.91	470.67	49.40	421.27	1.117	Level 2
14,500.00	7,015.94	14,248.94	6,843.70	227.87	227.75	68.53	-423.54	-8,265.90	470.57	43.59	426.98	1.102	Level 2
14,600.00	7,015.49	14,348.94	6,843.78	230.82	230.71	68.59	-423.92	-8,365.90	470.47	37.77	432.69	1.087	Level 2
14,700.00	7,015.03	14,448.94	6,843.86	233.77	233.66	68.66	-424.30	-8,465.90	470.36	31.96	438.41	1.073	Level 2
14,800.00	7,014.57	14,548.94	6,843.94	236.72	236.61	68.73	-424.68	-8,565.90	470.26	26.13	444.13	1.059	Level 2
14,900.00	7,014.11	14,648.94	6,844.03	239.67	239.56	68.79	-425.06	-8,665.90	470.16	20.31	449.86	1.045	Level 2
15,000.00	7,013.65	14,748.94	6,844.11	242.62	242.52	68.86	-425.44	-8,765.89	470.06	14.48	455.59	1.032	Level 2
15,100.00	7,013.20	14,848.94	6,844.19	245.57	245.47	68.92	-425.82	-8,865.89	469.96	8.64	461.32	1.019	Level 2
15,200.00	7,012.74	14,948.93	6,844.27	248.52	248.42	68.99	-426.20	-8,965.89	469.87	2.81	467.06	1.006	Level 2
15,300.00	7,012.28	15,048.93	6,844.35	251.47	251.38	69.05	-426.58	-9,065.89	469.77	-3.04	472.80	0.994	Level 1
15,400.00	7,011.82	15,148.93	6,844.43	254.43	254.33	69.12	-426.96	-9,165.88	469.67	-8.88	478.55	0.981	Level 1
15,500.00	7,011.37	15,248.93	6,844.51	257.38	257.28	69.19	-427.34	-9,265.88	469.58	-14.73	484.30	0.970	Level 1
15,600.00	7,010.91	15,348.93	6,844.60	260.33	260.24	69.25	-427.73	-9,365.88	469.48	-20.58	490.06	0.958	Level 1
15,700.00	7,010.45	15,448.93	6,844.68	263.28	263.19	69.32	-428.11	-9,465.88	469.38	-26.44	495.82	0.947	Level 1
15,800.00	7,009.99	15,548.92	6,844.76	266.24	266.15	69.38	-428.49	-9,565.88	469.29	-32.30	501.59	0.936	Level 1
15,900.00	7,009.54	15,648.92	6,844.84	269.19	269.10	69.45	-428.87	-9,665.87	469.20	-38.16	507.35	0.925	Level 1
16,000.00	7,009.08	15,748.92	6,844.92	272.14	272.06	69.52	-429.25	-9,765.87	469.10	-44.02	513.13	0.914	Level 1
16,100.00	7,008.62	15,848.92	6,845.00	275.09	275.01	69.58	-429.63	-9,865.87	469.01	-49.89	518.90	0.904	Level 1
16,200.00	7,008.16	15,948.92	6,845.08	278.05	277.97	69.65	-430.01	-9,965.87	468.92	-55.77	524.68	0.894	Level 1
16,300.00	7,007.70	16,048.92	6,845.17	281.00	280.92	69.71	-430.39	-10,065.86	468.83	-61.64	530.47	0.884	Level 1
16,400.00	7,007.25	16,148.92	6,845.25	283.96	283.88	69.78	-430.77	-10,165.86	468.73	-67.52	536.26	0.874	Level 1
16,500.00	7,006.79	16,248.91	6,845.33	286.91	286.83	69.85	-431.15	-10,265.86	468.64	-73.41	542.05	0.865	Level 1
16,600.00	7,006.33	16,348.91	6,845.41	289.86	289.79	69.91	-431.53	-10,365.86	468.55	-79.29	547.85	0.855	Level 1
16,700.00	7,005.87	16,448.91	6,845.49	292.82	292.74	69.98	-431.91	-10,465.86	468.47	-85.18	553.65	0.846	Level 1
16,800.00	7,005.42	16,548.91	6,845.57	295.77	295.70	70.05	-432.29	-10,565.85	468.38	-91.08	559.45	0.837	Level 1
16,900.00	7,004.96	16,648.91	6,845.65	298.73	298.65	70.11	-432.67	-10,665.85	468.29	-96.97	565.26	0.828	Level 1
17,000.00	7,004.50	16,748.91	6,845.74	301.68	301.61	70.18	-433.05	-10,765.85	468.20	-102.87	571.07	0.820	Level 1
17,100.00	7,004.04	16,848.90	6,845.82	304.64	304.57	70.24	-433.44	-10,865.85	468.12	-108.77	576.89	0.811	Level 1
17,200.00	7,003.58	16,948.90	6,845.90	307.59	307.52	70.31	-433.82	-10,965.84	468.03	-114.68	582.71	0.803	Level 1
17,300.00	7,003.13	17,048.90	6,845.98	310.55	310.48	70.38	-434.20	-11,065.84	467.94	-120.59	588.53	0.795	Level 1
17,327.69	7,003.00	17,076.59	6,846.00	311.37	311.30	70.40	-434.30	-11,093.53	467.92	-122.23	590.15	0.793	Level 1, ES, SF

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference				Offset		Semi Major Axis			Distance				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	-83.19	21.49	-179.87	181.15					
100.00	100.00	103.00	103.00	3.28	3.28	-83.19	21.49	-179.87	181.15	173.62	7.53	24.065		
200.00	200.00	203.00	203.00	3.30	3.30	-83.19	21.49	-179.87	181.15	173.58	7.57	23.931		
270.44	270.44	272.21	272.21	3.33	3.33	57.21	21.46	-179.95	181.00	173.37	7.62	23.743	CC	
300.00	300.00	300.22	300.21	3.34	3.34	57.15	21.33	-180.28	181.32	173.67	7.65	23.703		
400.00	399.93	394.95	394.88	3.40	3.40	57.52	20.12	-183.27	182.42	174.66	7.75	23.528		
500.00	499.68	489.62	489.34	3.48	3.48	58.25	17.74	-189.16	184.54	176.64	7.90	23.370		
600.00	599.13	584.21	583.45	3.59	3.58	59.32	14.20	-197.93	187.75	179.66	8.08	23.224		
700.00	698.15	678.68	677.08	3.73	3.71	60.69	9.50	-209.55	192.09	183.77	8.32	23.079		
800.00	796.85	773.01	770.10	3.90	3.87	62.08	3.66	-224.01	198.27	189.65	8.62	23.001		
900.00	895.54	867.09	862.33	4.11	4.07	62.91	-3.31	-241.26	207.23	198.26	8.97	23.101		
1,000.00	994.24	960.72	953.45	4.33	4.32	63.19	-11.36	-261.19	218.88	209.51	9.37	23.366		
1,100.00	1,092.93	1,058.77	1,048.37	4.58	4.62	63.15	-20.57	-283.99	232.28	222.43	9.84	23.596		
1,200.00	1,191.63	1,157.86	1,144.28	4.85	4.97	63.11	-29.90	-307.07	245.72	235.35	10.37	23.700		
1,300.00	1,290.32	1,256.95	1,240.20	5.13	5.33	63.07	-39.22	-330.15	259.17	248.24	10.93	23.720		
1,400.00	1,389.01	1,356.05	1,336.11	5.42	5.72	63.04	-48.55	-353.23	272.61	261.10	11.51	23.678		
1,500.00	1,487.71	1,455.14	1,432.02	5.72	6.12	63.00	-57.87	-376.32	286.05	273.94	12.12	23.605		
1,600.00	1,586.40	1,554.23	1,527.94	6.03	6.54	62.97	-67.20	-399.40	299.50	286.75	12.75	23.493		
1,700.00	1,685.10	1,653.32	1,623.85	6.35	6.97	62.95	-76.52	-422.48	312.94	299.55	13.39	23.364		
1,800.00	1,783.79	1,752.41	1,719.77	6.53	7.30	62.92	-85.85	-445.56	326.39	312.78	13.61	23.981		
1,900.00	1,882.49	1,851.51	1,815.68	6.57	7.45	62.90	-95.17	-468.64	339.83	326.25	13.59	25.013		
2,000.00	1,981.18	1,950.60	1,911.59	6.63	7.54	62.88	-104.50	-491.72	353.28	339.58	13.70	25.792		
2,100.00	2,079.87	2,049.69	2,007.51	6.72	7.66	62.86	-113.83	-514.81	366.72	352.87	13.85	26.472		
2,200.00	2,178.57	2,148.78	2,103.42	6.82	7.81	62.84	-123.15	-537.89	380.17	366.12	14.05	27.054		
2,300.00	2,277.26	2,247.87	2,199.34	6.95	7.99	62.83	-132.48	-560.97	393.61	379.32	14.29	27.540		
2,400.00	2,375.96	2,346.97	2,295.25	7.09	8.20	62.81	-141.80	-584.05	407.06	392.49	14.57	27.934		
2,500.00	2,474.65	2,446.06	2,391.16	7.25	8.43	62.80	-151.13	-607.13	420.50	405.61	14.89	28.243		
2,600.00	2,573.34	2,545.15	2,487.08	7.42	8.69	62.78	-160.45	-630.21	433.95	418.71	15.24	28.475		
2,700.00	2,672.04	2,644.24	2,582.99	7.61	8.96	62.77	-169.78	-653.30	447.39	431.77	15.62	28.637		
2,800.00	2,770.73	2,743.33	2,678.91	7.82	9.25	62.76	-179.10	-676.38	460.84	444.80	16.04	28.739		
2,900.00	2,869.43	2,842.42	2,774.82	8.03	9.57	62.75	-188.43	-699.46	474.28	457.81	16.48	28.787		
3,000.00	2,968.12	2,941.52	2,870.73	8.26	9.89	62.73	-197.75	-722.54	487.73	470.79	16.94	28.790		
3,100.00	3,066.81	3,040.61	2,966.65	8.50	10.23	62.72	-207.08	-745.62	501.17	483.75	17.43	28.755		
3,200.00	3,165.51	3,139.70	3,062.56	8.75	10.59	62.72	-216.41	-768.70	514.62	496.68	17.94	28.688		
3,300.00	3,264.20	3,238.79	3,158.48	9.01	10.95	62.71	-225.73	-791.79	528.06	509.60	18.47	28.595		
3,400.00	3,362.90	3,337.88	3,254.39	9.28	11.33	62.70	-235.06	-814.87	541.51	522.50	19.01	28.480		
3,500.00	3,461.59	3,436.98	3,350.30	9.55	11.71	62.69	-244.38	-837.95	554.96	535.38	19.58	28.349		
3,600.00	3,560.28	3,536.07	3,446.22	9.84	12.11	62.68	-253.71	-861.03	568.40	548.25	20.15	28.204		
3,700.00	3,658.98	3,635.16	3,542.13	10.12	12.51	62.67	-263.03	-884.11	581.85	561.10	20.74	28.049		
3,800.00	3,757.67	3,734.25	3,638.05	10.42	12.92	62.67	-272.36	-907.20	595.29	573.94	21.35	27.887		
3,900.00	3,856.37	3,833.34	3,733.96	10.72	13.33	62.66	-281.68	-930.28	608.74	586.78	21.96	27.720		
4,000.00	3,955.06	3,932.44	3,829.87	11.02	13.75	62.65	-291.01	-953.36	622.18	599.60	22.58	27.548		
4,100.00	4,053.75	4,031.53	3,925.79	11.33	14.18	62.65	-300.33	-976.44	635.63	612.41	23.22	27.375		
4,200.00	4,152.45	4,130.62	4,021.70	11.64	14.61	62.64	-309.66	-999.52	649.07	625.21	23.86	27.202		
4,300.00	4,251.14	4,229.71	4,117.62	11.96	15.04	62.63	-318.98	-1,022.60	662.52	638.01	24.51	27.028		
4,400.00	4,349.84	4,328.80	4,213.53	12.28	15.48	62.63	-328.31	-1,045.69	675.96	650.79	25.17	26.856		
4,500.00	4,448.53	4,427.90	4,309.44	12.61	15.93	62.62	-337.64	-1,068.77	689.41	663.57	25.83	26.685		
4,600.00	4,547.22	4,526.99	4,405.36	12.93	16.37	62.62	-346.96	-1,091.85	702.85	676.35	26.51	26.517		
4,700.00	4,645.92	4,626.08	4,501.27	13.26	16.82	62.61	-356.29	-1,114.93	716.30	689.12	27.18	26.352		
4,800.00	4,744.61	4,725.17	4,597.19	13.60	17.27	62.61	-365.61	-1,138.01	729.74	701.88	27.86	26.189		
4,900.00	4,843.31	4,824.26	4,693.10	13.93	17.73	62.60	-374.94	-1,161.09	743.19	714.64	28.55	26.030		
5,000.00	4,942.00	4,923.36	4,789.01	14.27	18.19	62.60	-384.26	-1,184.18	756.63	727.39	29.24	25.874		
5,100.00	5,040.69	5,022.45	4,884.93	14.61	18.64	62.60	-393.59	-1,207.26	770.08	740.14	29.94	25.721		
5,200.00	5,139.39	5,121.54	4,980.84	14.95	19.11	62.59	-402.91	-1,230.34	783.52	752.89	30.64	25.573		
5,300.00	5,238.08	5,220.63	5,076.76	15.29	19.57	62.59	-412.24	-1,253.42	796.97	765.63	31.34	25.427		
5,400.00	5,336.78	5,319.72	5,172.67	15.64	20.04	62.58	-421.56	-1,276.50	810.42	778.37	32.05	25.286		
5,500.00	5,435.47	5,418.82	5,268.58	15.98	20.50	62.58	-430.89	-1,299.58	823.86	791.10	32.76	25.148		
5,600.00	5,534.16	5,517.91	5,364.50	16.33	20.97	62.58	-440.22	-1,322.67	837.31	803.83	33.47	25.014		
5,700.00	5,632.86	5,617.00	5,460.41	16.68	21.44	62.57	-449.54	-1,345.75	850.75	816.56	34.19	24.883		
5,800.00	5,731.55	5,716.09	5,556.33	17.03	21.91	62.57	-458.87	-1,368.83	864.20	829.29	34.91	24.755		
5,900.00	5,830.25	5,815.18	5,652.24	17.38	22.39	62.57	-468.19	-1,391.91	877.64	842.01	35.63	24.631		
6,000.00	5,928.94	5,914.28	5,748.15	17.74	22.86	62.56	-477.52	-1,414.99	891.09	854.73	36.35	24.511		
6,100.00	6,027.63	6,013.37	5,844.07	18.09	23.33	62.56	-486.84	-1,438.07	904.53	867.45	37.08	24.393		
6,200.00	6,126.33	6,112.46	5,939.98	18.44	23.81	62.56	-496.17	-1,461.16	917.98	880.17	37.81	24.279		
6,300.00	6,225.02	6,211.55	6,035.90	18.80	24.29	62.55	-505.49	-1,484.24	931.42	892.88	38.54	24.168		
6,400.00	6,323.72	6,309.95	6,131.82	19.16	24.76	62.55	-514.81	-1,507.32	944.86	905.59	39.27	24.061		

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	6,422.41	8,055.57	7,185.13	19.52	36.69	156.87	-623.23	-632.47	769.68	738.24	31.45	24.477		
6,600.00	6,520.95	8,045.95	7,184.95	19.88	36.50	150.87	-623.17	-642.09	674.78	642.51	32.26	20.914		
6,700.00	6,617.12	8,023.66	7,184.54	20.29	36.06	148.64	-623.01	-664.38	583.45	550.16	33.29	17.525		
6,800.00	6,708.34	7,986.40	7,183.85	20.81	35.35	148.06	-622.74	-701.62	498.73	464.09	34.64	14.398		
6,900.00	6,792.37	7,935.11	7,182.90	21.44	34.41	146.19	-622.37	-752.91	423.44	386.99	36.45	11.618		
7,000.00	6,867.14	7,871.04	7,181.72	22.21	33.29	142.79	-621.92	-816.97	360.21	321.40	38.81	9.282		
7,100.00	6,930.81	7,804.23	7,180.33	23.15	32.20	137.99	-621.38	-892.22	311.02	269.28	41.74	7.451		
7,200.00	6,981.81	7,706.53	7,178.46	24.30	30.79	131.85	-620.72	-981.44	276.39	231.66	44.74	6.178		
7,300.00	7,018.89	7,593.19	7,163.39	25.69	29.40	122.33	-618.64	-1,093.60	249.92	201.22	48.70	5.132		
7,400.00	7,041.12	7,491.16	7,133.09	27.32	28.40	111.86	-615.14	-1,190.85	230.60	177.93	52.67	4.378		
7,500.00	7,047.98	7,397.71	7,092.10	29.15	27.70	100.74	-610.65	-1,274.62	221.11	165.88	55.23	4.004		
7,535.34	7,047.82	7,366.95	7,075.98	29.84	27.52	96.56	-608.93	-1,300.76	220.35	164.72	55.62	3.962 ES, SF		
7,600.00	7,047.53	7,315.31	7,046.17	31.13	27.25	88.85	-605.77	-1,342.78	223.45	168.13	55.32	4.039		
7,700.00	7,047.07	7,246.55	7,001.39	33.28	26.99	77.83	-601.08	-1,394.71	242.86	190.49	52.37	4.637		
7,800.00	7,046.61	7,189.55	6,960.23	35.55	26.83	68.77	-596.81	-1,433.87	280.97	233.03	47.94	5.861		
7,900.00	7,046.15	7,142.25	6,923.52	37.92	26.73	61.75	-593.04	-1,463.46	334.74	290.75	43.99	7.609		
8,000.00	7,045.70	7,100.00	6,888.97	40.38	26.67	56.06	-589.51	-1,487.50	399.96	358.69	41.26	9.693		
8,100.00	7,045.24	7,069.56	6,863.13	42.91	26.63	52.33	-586.88	-1,503.37	473.15	433.52	39.63	11.939		
8,200.00	7,044.78	7,041.38	6,838.56	45.49	26.60	49.17	-584.39	-1,516.94	551.98	513.27	38.71	14.258		
8,300.00	7,044.32	7,017.25	6,817.07	48.12	26.58	46.67	-582.21	-1,527.68	634.87	596.63	38.24	16.601		
8,400.00	7,043.87	7,000.00	6,801.46	50.79	26.57	45.00	-580.64	-1,534.85	720.78	682.72	38.06	18.936		
8,500.00	7,043.41	6,978.30	6,781.55	53.49	26.56	43.04	-578.63	-1,543.27	808.93	770.95	37.98	21.298		
8,600.00	7,042.95	6,962.40	6,766.80	56.22	26.55	41.68	-577.15	-1,549.00	898.87	860.86	38.01	23.645		
8,700.00	7,042.49	6,950.00	6,755.20	58.97	26.54	40.68	-575.98	-1,553.21	990.21	952.10	38.11	25.982		
8,800.00	7,042.03	6,935.89	6,741.90	61.74	26.53	39.58	-574.65	-1,557.72	1,082.67	1,044.45	38.21	28.333		
8,900.00	7,041.58	6,924.74	6,731.32	64.53	26.52	38.75	-573.59	-1,561.08	1,176.05	1,137.71	38.34	30.674		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-76.98	41.53	-179.59	184.33					
100.00	100.00	103.00	103.00	3.28	3.28	-76.98	41.53	-179.59	184.33	176.81	7.53	24.488		
200.00	200.00	203.00	203.00	3.30	3.30	-76.98	41.53	-179.59	184.33	176.76	7.57	24.352		
263.73	263.73	265.82	265.82	3.33	3.33	63.41	41.52	-179.64	184.22	176.60	7.62	24.183	CC, ES	
300.00	300.00	300.10	300.10	3.34	3.34	63.37	41.44	-180.02	184.55	176.90	7.65	24.125		
400.00	399.93	394.59	394.53	3.40	3.40	63.82	40.72	-183.15	186.05	178.30	7.75	23.994		
500.00	499.68	488.99	488.71	3.48	3.48	64.71	39.31	-189.30	188.99	181.09	7.90	23.928		
600.00	599.13	583.23	582.48	3.59	3.58	65.99	37.21	-198.46	193.45	185.36	8.09	23.922		
700.00	698.15	677.25	675.67	3.73	3.71	67.60	34.44	-210.59	199.52	191.19	8.33	23.958		
800.00	796.85	771.04	768.17	3.90	3.87	69.28	30.99	-225.65	207.76	199.14	8.63	24.084		
900.00	895.54	864.50	859.80	4.11	4.07	70.41	26.88	-243.59	218.88	209.90	8.98	24.377		
1,000.00	994.24	957.56	950.27	4.33	4.31	71.00	22.13	-264.30	232.74	223.36	9.38	24.820		
1,100.00	1,092.93	1,056.26	1,046.10	4.58	4.61	71.34	16.74	-287.85	247.94	238.07	9.86	25.134		
1,200.00	1,191.63	1,155.09	1,141.93	4.85	4.95	71.64	11.35	-311.40	263.14	252.75	10.39	25.321		
1,300.00	1,290.32	1,253.92	1,237.76	5.13	5.30	71.91	5.95	-334.95	278.36	267.40	10.95	25.412		
1,400.00	1,389.01	1,352.75	1,333.59	5.42	5.68	72.15	0.56	-358.50	293.58	282.03	11.55	25.426		
1,500.00	1,487.71	1,451.58	1,429.42	5.72	6.07	72.37	-4.83	-382.05	308.80	296.64	12.16	25.402		
1,600.00	1,586.40	1,550.40	1,525.24	6.03	6.48	72.57	-10.23	-405.60	324.03	311.23	12.79	25.330		
1,700.00	1,685.10	1,649.23	1,621.07	6.35	6.90	72.75	-15.62	-429.15	339.26	325.81	13.45	25.233		
1,800.00	1,783.79	1,748.06	1,716.90	6.63	7.23	72.91	-21.01	-452.70	354.49	340.82	13.68	25.921		
1,900.00	1,882.49	1,846.89	1,812.73	6.87	7.39	73.06	-26.41	-476.25	369.73	356.06	13.67	27.056		
2,000.00	1,981.18	1,945.72	1,908.56	7.03	7.47	73.20	-31.80	-499.80	384.97	371.19	13.78	27.930		
2,100.00	2,079.87	2,044.54	2,004.39	7.17	7.59	73.33	-37.19	-523.35	400.21	386.26	13.95	28.698		
2,200.00	2,178.57	2,143.37	2,100.22	7.27	7.73	73.45	-42.59	-546.90	415.45	401.30	14.15	29.357		
2,300.00	2,277.26	2,242.20	2,196.05	7.33	7.90	73.56	-47.98	-570.45	430.70	416.30	14.40	29.911		
2,400.00	2,375.96	2,341.03	2,291.88	7.37	8.10	73.66	-53.37	-594.00	445.94	431.26	14.69	30.365		
2,500.00	2,474.65	2,439.86	2,387.71	7.40	8.32	73.76	-58.77	-617.55	461.19	446.18	15.01	30.725		
2,600.00	2,573.34	2,538.68	2,483.54	7.42	8.57	73.85	-64.16	-641.10	476.44	461.07	15.37	31.000		
2,700.00	2,672.04	2,637.51	2,579.37	7.41	8.83	73.93	-69.56	-664.65	491.69	475.93	15.76	31.198		
2,800.00	2,770.73	2,736.34	2,675.20	7.37	9.11	74.01	-74.95	-688.20	506.94	490.76	16.18	31.328		
2,900.00	2,869.43	2,835.17	2,771.03	7.31	9.41	74.09	-80.34	-711.75	522.19	505.56	16.63	31.399		
3,000.00	2,968.12	2,933.99	2,866.86	7.25	9.73	74.16	-85.74	-735.30	537.44	520.34	17.10	31.420		
3,100.00	3,066.81	3,032.82	2,962.69	7.17	10.06	74.22	-91.13	-758.85	552.70	535.09	17.60	31.398		
3,200.00	3,165.51	3,131.65	3,058.51	7.06	10.40	74.29	-96.52	-782.40	567.95	549.83	18.12	31.341		
3,300.00	3,264.20	3,230.48	3,154.34	6.93	10.76	74.35	-101.92	-805.95	583.20	564.54	18.66	31.253		
3,400.00	3,362.90	3,329.31	3,250.17	6.77	11.12	74.40	-107.31	-829.50	598.46	579.24	19.22	31.142		
3,500.00	3,461.59	3,428.13	3,346.00	6.59	11.49	74.46	-112.70	-853.05	613.71	593.92	19.79	31.011		
3,600.00	3,560.28	3,526.96	3,441.83	6.39	11.88	74.51	-118.10	-876.60	628.97	608.59	20.38	30.865		
3,700.00	3,658.98	3,625.79	3,537.66	6.17	12.27	74.56	-123.49	-900.15	644.23	623.25	20.98	30.708		
3,800.00	3,757.67	3,724.62	3,633.49	5.93	12.66	74.60	-128.88	-923.70	659.48	637.89	21.59	30.541		
3,900.00	3,856.37	3,823.45	3,729.32	5.67	13.06	74.65	-134.28	-947.25	674.74	652.52	22.22	30.368		
4,000.00	3,955.06	3,922.27	3,825.15	5.39	13.47	74.69	-139.67	-970.80	690.00	667.14	22.85	30.191		
4,100.00	4,053.75	4,021.10	3,920.98	5.09	13.89	74.73	-145.06	-994.35	705.26	681.76	23.50	30.011		
4,200.00	4,152.45	4,119.93	4,016.81	4.77	14.31	74.77	-150.46	-1,017.90	720.51	696.36	24.15	29.829		
4,300.00	4,251.14	4,218.76	4,112.64	4.43	14.73	74.81	-155.85	-1,041.45	735.77	710.96	24.82	29.648		
4,400.00	4,349.84	4,317.59	4,208.47	4.07	15.16	74.84	-161.24	-1,065.00	751.03	725.54	25.49	29.467		
4,500.00	4,448.53	4,416.41	4,304.30	3.69	15.59	74.88	-166.64	-1,088.55	766.29	740.13	26.16	29.288		
4,600.00	4,547.22	4,515.24	4,400.13	3.29	16.02	74.91	-172.03	-1,112.10	781.55	754.70	26.85	29.110		
4,700.00	4,645.92	4,614.07	4,495.96	2.87	16.46	74.94	-177.42	-1,135.65	796.81	769.27	27.54	28.936		
4,800.00	4,744.61	4,712.90	4,591.78	2.43	16.90	74.97	-182.82	-1,159.20	812.07	783.84	28.23	28.764		
4,900.00	4,843.31	4,811.72	4,687.61	1.97	17.34	75.00	-188.21	-1,182.75	827.33	798.40	28.93	28.596		
5,000.00	4,942.00	4,910.55	4,783.44	1.50	17.79	75.03	-193.60	-1,206.30	842.59	812.96	29.64	28.431		
5,100.00	5,040.69	5,009.38	4,879.27	1.02	18.23	75.06	-199.00	-1,229.85	857.85	827.51	30.35	28.270		
5,200.00	5,139.39	5,108.21	4,975.10	0.54	18.68	75.08	-204.39	-1,253.40	873.11	842.05	31.06	28.112		
5,300.00	5,238.08	5,207.04	5,070.93	0.05	19.14	75.11	-209.79	-1,276.95	888.37	856.60	31.78	27.958		
5,400.00	5,336.78	5,305.86	5,166.76	-0.43	19.59	75.13	-215.18	-1,300.50	903.63	871.14	32.50	27.808		
5,500.00	5,435.47	5,404.69	5,262.59	-0.89	20.05	75.16	-220.57	-1,324.05	918.90	885.68	33.22	27.662		
5,600.00	5,534.16	5,503.52	5,358.42	-1.33	20.50	75.18	-225.97	-1,347.60	934.16	900.21	33.95	27.519		
5,700.00	5,632.86	5,602.35	5,454.25	-1.73	20.96	75.20	-231.36	-1,371.15	949.42	914.74	34.68	27.380		
5,800.00	5,731.55	5,701.18	5,550.08	-2.10	21.42	75.22	-236.75	-1,394.70	964.68	929.27	35.41	27.244		
5,900.00	5,830.25	5,800.00	5,645.91	-2.43	21.88	75.24	-242.15	-1,418.25	979.94	943.80	36.14	27.112		
6,000.00	5,928.94	5,898.83	5,741.74	-2.73	22.34	75.26	-247.54	-1,441.80	995.20	958.32	36.88	26.984		
6,100.00	6,027.63	6,002.34	5,837.57	-3.00	22.83	75.28	-252.93	-1,465.35	1,010.47	972.83	37.64	26.846		
6,200.00	6,126.33	6,101.71	5,931.13	-3.24	23.33	75.29	-258.32	-1,488.90	1,025.73	987.34	38.41	26.708		
6,300.00	6,225.02	6,201.51	6,029.97	-3.45	23.83	75.29	-263.71	-1,512.45	1,041.00	1,001.84	39.18	26.570		
6,400.00	6,323.72	6,304.31	6,128.81	-3.63	24.33	75.27	-269.10	-1,536.00	1,056.27	1,016.34	39.95	26.432		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
6,500.00	6,422.41	7,923.11	7,062.65	19.52	36.56	146.82	-334.85	-626.63	758.38	718.87	39.51	19.194		
6,600.00	6,520.95	7,913.67	7,062.46	19.88	36.36	136.01	-334.74	-636.07	685.18	643.20	41.97	16.324		
6,700.00	6,617.12	7,891.55	7,062.03	20.29	35.91	125.45	-334.46	-658.19	620.83	576.19	44.64	13.907		
6,800.00	6,708.34	7,854.46	7,061.30	20.81	35.18	120.69	-333.99	-695.26	568.59	521.30	47.28	12.025		
6,900.00	6,792.37	7,803.32	7,060.30	21.44	34.18	116.21	-333.35	-746.39	530.45	480.90	49.56	10.704		
7,000.00	6,867.14	7,739.39	7,059.05	22.21	33.02	110.97	-332.55	-810.30	506.60	455.37	51.24	9.887		
7,100.00	6,930.81	7,664.24	7,057.58	23.15	31.74	105.14	-331.61	-885.43	495.11	442.86	52.24	9.477		
7,190.61	6,977.59	7,588.36	7,056.08	24.19	30.53	99.92	-330.66	-961.29	492.44	439.69	52.75	9.335		
7,200.00	6,981.81	7,579.45	7,055.91	24.30	30.40	99.37	-330.55	-970.20	492.45	439.67	52.78	9.330		
7,300.00	7,018.89	7,488.17	7,047.04	25.69	29.13	93.76	-328.99	-1,060.96	494.65	441.43	53.22	9.294 SF		
7,400.00	7,041.12	7,402.35	7,026.97	27.32	28.08	88.59	-326.85	-1,144.29	500.11	446.55	53.56	9.337		
7,500.00	7,047.98	7,320.83	6,997.70	29.15	27.26	83.93	-324.26	-1,220.28	508.11	454.28	53.84	9.438		
7,600.00	7,047.53	7,245.93	6,962.47	31.13	26.65	80.09	-321.43	-1,286.26	520.19	466.27	53.92	9.648		
7,700.00	7,047.07	7,180.38	6,925.46	33.28	26.24	76.19	-318.63	-1,340.27	539.44	485.81	53.62	10.060		
7,800.00	7,046.61	7,123.66	6,889.11	35.55	25.96	72.52	-315.99	-1,383.71	567.14	514.22	52.91	10.718		
7,900.00	7,046.15	7,074.84	6,854.84	37.92	25.77	69.21	-313.57	-1,418.37	603.73	551.84	51.89	11.636		
8,000.00	7,045.70	7,032.84	6,823.30	40.38	25.65	66.31	-311.39	-1,446.02	648.92	598.24	50.69	12.803		
8,100.00	7,045.24	7,000.00	6,797.42	42.91	25.56	64.04	-309.63	-1,466.14	701.96	652.51	49.45	14.195		
8,200.00	7,044.78	6,965.26	6,768.95	45.49	25.50	61.66	-307.72	-1,485.94	761.82	713.51	48.31	15.770		
8,300.00	7,044.32	6,937.97	6,745.85	48.12	25.46	59.81	-306.19	-1,500.39	827.51	780.23	47.28	17.501		
8,400.00	7,043.87	6,914.09	6,725.15	50.79	25.42	58.21	-304.84	-1,512.21	898.07	851.67	46.41	19.353		
8,500.00	7,043.41	6,900.00	6,712.73	53.49	25.41	57.29	-304.03	-1,518.82	972.75	927.08	45.68	21.296		
8,600.00	7,042.95	6,874.47	6,689.86	56.22	25.38	55.64	-302.55	-1,530.08	1,050.69	1,005.62	45.07	23.315		
8,700.00	7,042.49	6,850.00	6,667.54	58.97	25.36	54.09	-301.12	-1,540.00	1,131.55	1,086.99	44.56	25.395		

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 9N-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			
2,400.00	2,375.96	2,331.21	2,327.94	7.09	6.04	-43.84	-1,430.95	-113.55	1,197.01	1,183.87	13.13	91.132			
2,500.00	2,474.65	2,430.66	2,427.23	7.25	6.13	-44.18	-1,435.14	-117.46	1,189.27	1,175.91	13.36	89.017			
2,600.00	2,573.34	2,530.12	2,526.52	7.42	6.23	-44.52	-1,439.33	-121.36	1,181.58	1,167.97	13.61	86.802			
2,700.00	2,672.04	2,629.58	2,625.81	7.61	6.35	-44.86	-1,443.51	-125.27	1,173.93	1,160.03	13.89	84.513			
2,800.00	2,770.73	2,729.03	2,725.10	7.82	6.47	-45.21	-1,447.70	-129.17	1,166.31	1,152.12	14.19	82.176			
2,900.00	2,869.43	2,828.49	2,824.40	8.03	6.61	-45.56	-1,451.89	-133.08	1,158.75	1,144.23	14.52	79.814			
3,000.00	2,968.12	2,927.94	2,923.69	8.26	6.76	-45.92	-1,456.07	-136.98	1,151.23	1,136.36	14.87	77.445			
3,100.00	3,066.81	3,027.40	3,022.98	8.50	6.91	-46.28	-1,460.26	-140.88	1,143.75	1,128.52	15.23	75.088			
3,200.00	3,165.51	3,126.86	3,122.27	8.75	7.08	-46.65	-1,464.45	-144.79	1,136.32	1,120.70	15.62	72.757			
3,300.00	3,264.20	3,226.31	3,221.56	9.01	7.25	-47.02	-1,468.64	-148.69	1,128.94	1,112.91	16.02	70.464			
3,400.00	3,362.90	3,325.77	3,320.85	9.28	7.43	-47.40	-1,472.82	-152.60	1,121.60	1,105.16	16.44	68.218			
3,500.00	3,461.59	3,425.23	3,420.14	9.55	7.62	-47.78	-1,477.01	-156.50	1,114.31	1,097.44	16.88	66.028			
3,600.00	3,560.28	3,524.68	3,519.43	9.84	7.81	-48.17	-1,481.20	-160.41	1,107.08	1,089.75	17.33	63.897			
3,700.00	3,658.98	3,624.14	3,618.73	10.12	8.01	-48.56	-1,485.38	-164.31	1,099.89	1,082.11	17.79	61.831			
3,800.00	3,757.67	3,723.59	3,718.02	10.42	8.21	-48.95	-1,489.57	-168.22	1,092.76	1,074.50	18.26	59.831			
3,900.00	3,856.37	3,823.05	3,817.31	10.72	8.42	-49.36	-1,493.76	-172.12	1,085.68	1,066.93	18.75	57.900			
4,000.00	3,955.06	3,922.51	3,916.60	11.02	8.64	-49.76	-1,497.94	-176.02	1,078.66	1,059.41	19.25	56.038			
4,100.00	4,053.75	4,021.96	4,015.89	11.33	8.85	-50.18	-1,502.13	-179.93	1,071.68	1,051.93	19.76	54.245			
4,200.00	4,152.45	4,121.42	4,115.18	11.64	9.08	-50.59	-1,506.32	-183.83	1,064.77	1,044.50	20.27	52.519			
4,300.00	4,251.14	4,220.87	4,214.47	11.96	9.30	-51.02	-1,510.51	-187.74	1,057.91	1,037.11	20.80	50.860			
4,400.00	4,349.84	4,320.33	4,313.76	12.28	9.53	-51.44	-1,514.69	-191.64	1,051.11	1,029.78	21.34	49.267			
4,500.00	4,448.53	4,419.79	4,413.05	12.61	9.77	-51.88	-1,518.88	-195.55	1,044.38	1,022.50	21.88	47.737			
4,600.00	4,547.22	4,519.24	4,512.35	12.93	10.00	-52.32	-1,523.07	-199.45	1,037.70	1,015.27	22.43	46.268			
4,700.00	4,645.92	4,618.70	4,611.64	13.26	10.24	-52.76	-1,527.25	-203.36	1,031.08	1,008.10	22.99	44.858			
4,800.00	4,744.61	4,718.15	4,710.93	13.60	10.49	-53.21	-1,531.44	-207.26	1,024.53	1,000.98	23.55	43.506			
4,900.00	4,843.31	4,817.61	4,810.22	13.93	10.73	-53.67	-1,535.63	-211.17	1,018.04	993.92	24.12	42.208			
5,000.00	4,942.00	4,917.07	4,909.51	14.27	10.98	-54.13	-1,539.82	-215.07	1,011.62	986.92	24.70	40.963			
5,100.00	5,040.69	5,016.52	5,008.80	14.61	11.23	-54.60	-1,544.00	-218.97	1,005.26	979.98	25.28	39.769			
5,200.00	5,139.39	5,115.98	5,108.09	14.95	11.48	-55.07	-1,548.19	-222.88	998.97	973.11	25.87	38.622			
5,300.00	5,238.08	5,215.44	5,207.38	15.29	11.73	-55.55	-1,552.38	-226.78	992.75	966.30	26.46	37.522			
5,400.00	5,336.78	5,314.89	5,306.68	15.64	11.98	-56.04	-1,556.56	-230.69	986.61	959.55	27.06	36.466			
5,500.00	5,435.47	5,414.35	5,405.97	15.98	12.24	-56.53	-1,560.75	-234.59	980.53	952.87	27.66	35.452			
5,600.00	5,534.16	5,513.80	5,505.26	16.33	12.50	-57.03	-1,564.94	-238.50	974.53	946.26	28.26	34.479			
5,700.00	5,632.86	5,613.26	5,604.55	16.68	12.76	-57.53	-1,569.13	-242.40	968.60	939.73	28.88	33.544			
5,800.00	5,731.55	5,712.72	5,703.84	17.03	13.02	-58.04	-1,573.31	-246.31	962.75	933.26	29.49	32.645			
5,900.00	5,830.25	5,812.17	5,803.13	17.38	13.28	-58.56	-1,577.50	-250.21	956.98	926.87	30.11	31.782			
6,000.00	5,928.94	5,911.63	5,902.42	17.74	13.54	-59.08	-1,581.69	-254.12	951.28	920.55	30.73	30.952			
6,100.00	6,027.63	6,011.08	6,001.71	18.09	13.80	-59.61	-1,585.87	-258.02	945.67	914.31	31.36	30.154			
6,200.00	6,126.33	6,110.54	6,101.01	18.44	14.07	-60.15	-1,590.06	-261.92	940.14	908.14	31.99	29.387			
6,300.00	6,225.02	6,210.00	6,200.30	18.80	14.34	-60.69	-1,594.25	-265.83	934.69	902.06	32.63	28.649			
6,400.00	6,323.72	6,309.45	6,299.59	19.16	14.60	-61.24	-1,598.43	-269.73	929.32	896.06	33.26	27.939			
6,500.00	6,422.41	6,408.91	6,398.88	19.52	14.87	-61.79	-1,602.62	-273.64	924.04	890.14	33.90	27.256			
6,600.00	6,520.95	6,508.26	6,498.06	19.88	15.14	-62.35	-1,606.80	-277.54	919.34	884.78	34.55	26.606			
6,636.83	6,556.80	6,541.64	6,531.39	20.03	15.23	-83.98	-1,608.21	-278.83	918.79	883.97	34.82	26.386 CC, ES			
6,700.00	6,617.12	6,579.48	6,569.19	20.29	15.30	-92.33	-1,609.83	-278.90	920.94	885.71	35.23	26.144			
6,800.00	6,708.34	6,633.22	6,622.73	20.81	15.40	-99.10	-1,612.20	-275.14	933.63	897.63	36.00	25.936 SF			
6,900.00	6,792.37	6,676.87	6,665.86	21.44	15.48	-101.94	-1,614.16	-268.77	958.59	921.70	36.88	25.990			
7,000.00	6,867.14	6,709.37	6,697.63	22.21	15.53	-102.05	-1,615.65	-262.11	996.17	958.32	37.85	26.321			
7,100.00	6,930.81	6,731.14	6,718.70	23.15	15.57	-99.65	-1,616.65	-256.75	1,045.68	1,006.82	38.85	26.913			
7,200.00	6,981.81	6,750.00	6,736.81	24.30	15.60	-95.16	-1,617.53	-251.52	1,105.43	1,065.52	39.91	27.701			
7,300.00	7,018.89	6,750.00	6,736.81	25.69	15.60	-87.51	-1,617.53	-251.52	1,172.94	1,132.07	40.87	28.700			

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 Offsets - ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surveys													Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,400.00	6,323.72	6,327.38	6,323.22	19.16	14.03	-40.15	-1,926.75	-612.80	1,194.29	1,162.97	31.33	38.126		
6,500.00	6,422.41	6,420.65	6,416.29	19.52	14.22	-40.39	-1,922.92	-617.50	1,177.85	1,145.99	31.86	36.973		
6,600.00	6,520.95	6,513.26	6,508.66	19.88	14.42	-54.54	-1,919.54	-623.22	1,161.89	1,129.50	32.39	35.867		
6,700.00	6,617.12	6,599.91	6,595.06	20.29	14.61	-72.23	-1,917.02	-629.26	1,147.20	1,114.17	33.03	34.730		
6,800.00	6,708.34	6,711.27	6,706.06	20.81	14.84	-81.63	-1,913.43	-637.50	1,133.82	1,099.96	33.86	33.483		
6,900.00	6,792.37	6,791.89	6,786.36	21.44	15.02	-87.78	-1,910.59	-644.08	1,123.35	1,088.48	34.87	32.214		
7,000.00	6,867.14	6,864.13	6,858.27	22.21	15.17	-92.34	-1,908.49	-650.65	1,118.49	1,082.37	36.12	30.964		
7,017.05	6,878.82	6,875.63	6,869.71	22.37	15.19	-92.98	-1,908.21	-651.75	1,118.38	1,082.00	36.38	30.742	CC, ES	
7,100.00	6,930.81	6,931.40	6,925.19	23.15	15.31	-95.74	-1,907.02	-657.26	1,121.23	1,083.58	37.65	29.783		
7,200.00	6,981.81	6,991.17	6,984.66	24.30	15.44	-97.95	-1,905.70	-663.08	1,132.95	1,093.53	39.42	28.738		
7,300.00	7,018.89	7,032.99	7,026.29	25.69	15.53	-98.36	-1,904.79	-667.05	1,155.02	1,113.66	41.36	27.926		
7,400.00	7,041.12	7,060.64	7,053.81	27.32	15.59	-96.93	-1,904.27	-669.60	1,187.99	1,144.66	43.32	27.421	SF	

Offset Design												5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2° CONE_2.448	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	35.95	920.59	667.67	1,137.47					
100.00	100.00	76.42	76.42	3.28	3.28	35.97	920.34	668.00	1,137.21	1,129.85	7.35	154.627		
200.00	200.00	178.91	178.90	3.30	3.29	36.04	919.47	668.97	1,137.08	1,129.70	7.39	153.956		
283.70	283.70	272.64	272.62	3.34	3.32	176.39	918.45	669.38	1,137.18	1,129.74	7.44	152.827		
300.00	300.00	291.35	291.33	3.34	3.32	176.39	918.17	669.37	1,136.80	1,129.35	7.45	152.494	CC, ES	
400.00	399.93	407.67	407.62	3.40	3.37	176.42	916.10	668.14	1,138.22	1,130.67	7.56	150.635		
500.00	499.68	514.04	513.94	3.48	3.43	176.38	914.18	665.28	1,142.15	1,134.46	7.69	148.452		
600.00	599.13	609.63	609.46	3.59	3.50	176.30	912.97	661.90	1,149.48	1,141.62	7.86	146.172		
700.00	698.15	705.53	705.29	3.73	3.57	176.20	912.32	658.19	1,160.57	1,152.50	8.07	143.828		
800.00	796.85	805.42	805.10	3.90	3.66	176.11	911.75	654.35	1,173.93	1,165.62	8.31	141.341		
900.00	895.54	901.63	901.25	4.11	3.76	176.05	911.07	651.00	1,187.41	1,178.85	8.56	138.683	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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	37.29	884.16	673.24	1,111.54					
100.00	100.00	80.32	80.32	3.28	3.28	37.29	884.03	673.22	1,111.19	1,103.83	7.35	151.086		
200.00	200.00	177.91	177.91	3.30	3.29	37.29	883.82	673.09	1,110.94	1,103.56	7.39	150.417		
203.89	203.89	181.65	181.64	3.30	3.29	177.59	883.83	673.08	1,110.94	1,103.55	7.39	150.379	CC, ES	
300.00	300.00	280.76	280.76	3.34	3.32	177.57	883.93	672.71	1,111.24	1,103.79	7.45	149.120		
400.00	399.93	381.18	381.18	3.40	3.36	177.56	883.79	672.24	1,114.33	1,106.78	7.55	147.651		
500.00	499.68	481.19	481.18	3.48	3.41	177.57	883.51	671.97	1,120.91	1,113.23	7.68	145.945		
600.00	599.13	573.17	573.17	3.59	3.47	177.59	883.26	672.08	1,131.22	1,123.38	7.85	144.196		
700.00	698.15	673.24	673.24	3.73	3.54	177.62	883.41	672.46	1,145.47	1,137.43	8.05	142.335		
800.00	796.85	773.52	773.51	3.90	3.63	177.68	883.17	672.86	1,161.59	1,153.31	8.28	140.300		
900.00	895.54	871.46	871.45	4.11	3.72	177.73	882.98	673.19	1,177.74	1,169.21	8.53	138.061		
1,000.00	994.24	968.31	968.30	4.33	3.82	177.77	883.00	673.42	1,193.99	1,185.19	8.81	135.586	SF	

Offset Design												5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				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	0.00	0.00	3.28	3.28	-40.17	643.72	-543.50	842.59					
100.00	100.00	84.16	84.16	3.28	3.28	-40.18	643.78	-543.57	842.57	835.22	7.35	114.561	CC, ES	
200.00	200.00	183.51	183.51	3.30	3.29	-40.19	643.84	-543.92	842.84	835.46	7.39	114.100		
300.00	300.00	281.46	281.46	3.34	3.32	100.09	643.72	-544.66	843.32	835.87	7.45	113.161		
400.00	399.93	375.15	375.14	3.40	3.36	100.22	643.86	-545.76	844.80	837.26	7.54	111.992		
500.00	499.68	481.90	481.87	3.48	3.41	100.58	643.81	-547.60	847.15	839.48	7.68	110.330		
600.00	599.13	582.26	582.21	3.59	3.48	101.10	642.84	-549.24	849.42	841.57	7.85	108.197		
700.00	698.15	688.92	688.85	3.73	3.56	101.90	641.62	-550.75	852.21	844.14	8.07	105.575		
800.00	796.85	784.42	784.33	3.90	3.65	102.77	640.03	-552.10	855.24	846.91	8.33	102.675		
900.00	895.54	884.84	884.74	4.11	3.75	103.70	638.77	-553.43	858.76	850.14	8.63	99.539		
1,000.00	994.24	983.68	983.56	4.33	3.85	104.60	637.35	-554.69	862.34	853.39	8.96	96.292		
1,100.00	1,092.93	1,077.71	1,077.57	4.58	3.97	105.46	636.19	-556.09	866.42	857.11	9.31	93.108		
1,200.00	1,191.63	1,172.08	1,171.92	4.85	4.09	106.29	635.39	-557.97	871.30	861.62	9.68	90.024		
1,300.00	1,290.32	1,270.90	1,270.73	5.13	4.22	107.20	635.22	-559.52	876.72	866.65	10.08	87.003		
1,400.00	1,389.01	1,370.52	1,370.34	5.42	4.36	108.13	635.09	-560.79	882.25	871.75	10.49	84.077		
1,500.00	1,487.71	1,467.79	1,467.59	5.72	4.50	108.98	634.68	-562.54	888.01	877.09	10.92	81.312		
1,600.00	1,586.40	1,561.73	1,561.51	6.03	4.64	109.82	634.77	-564.06	894.35	882.99	11.36	78.757		
1,700.00	1,685.10	1,657.75	1,657.52	6.35	4.79	110.67	635.35	-565.83	901.43	889.63	11.80	76.367		
1,800.00	1,783.79	1,755.25	1,755.01	6.53	4.94	111.55	636.27	-567.28	908.87	896.95	11.91	76.307		
1,900.00	1,882.49	1,856.73	1,856.47	6.57	5.11	112.46	637.41	-568.56	916.57	904.46	12.11	75.710		
2,000.00	1,981.18	1,956.06	1,955.79	6.63	5.28	113.36	638.25	-569.40	924.06	911.73	12.32	74.994		
2,100.00	2,079.87	2,058.21	2,057.93	6.72	5.45	114.26	639.16	-570.35	931.85	919.29	12.56	74.163		
2,200.00	2,178.57	2,160.01	2,159.73	6.82	5.62	115.19	639.73	-570.47	939.22	926.40	12.83	73.214		
2,300.00	2,277.26	2,260.49	2,260.21	6.95	5.79	116.11	640.38	-570.20	946.75	933.65	13.11	72.225		
2,400.00	2,375.96	2,365.96	2,365.68	7.09	5.98	117.04	640.49	-570.01	954.06	940.65	13.42	71.116		
2,500.00	2,474.65	2,467.52	2,467.23	7.25	6.16	117.85	639.50	-570.72	960.93	947.19	13.73	69.972		
2,600.00	2,573.34	2,562.06	2,561.76	7.42	6.33	118.58	638.56	-571.67	968.07	954.02	14.05	68.878		
2,700.00	2,672.04	2,655.00	2,654.70	7.61	6.51	119.33	638.47	-572.06	976.01	961.62	14.39	67.835		
2,800.00	2,770.73	2,751.88	2,751.57	7.82	6.69	120.07	638.63	-573.09	984.59	969.85	14.74	66.784		
2,900.00	2,869.43	2,854.10	2,853.79	8.03	6.88	120.83	638.65	-574.23	993.23	978.11	15.12	65.688		
3,000.00	2,968.12	2,952.72	2,952.40	8.26	7.07	121.58	638.51	-574.79	1,001.71	986.21	15.50	64.618		
3,100.00	3,066.81	3,049.45	3,049.14	8.50	7.26	122.32	638.69	-575.28	1,010.65	994.76	15.89	63.601		
3,200.00	3,165.51	3,150.77	3,150.45	8.75	7.46	123.02	638.56	-576.66	1,019.70	1,003.40	16.30	62.566		
3,300.00	3,264.20	3,258.56	3,258.22	9.01	7.67	123.73	637.80	-578.28	1,028.41	1,011.69	16.73	61.483		
3,400.00	3,362.90	3,365.99	3,365.62	9.28	7.88	124.42	635.92	-579.89	1,036.23	1,019.07	17.16	60.378		
3,500.00	3,461.59	3,462.43	3,462.03	9.55	8.07	125.02	633.91	-581.28	1,043.85	1,026.27	17.58	59.363		
3,600.00	3,560.28	3,563.66	3,563.23	9.84	8.27	125.66	632.20	-582.47	1,051.92	1,033.90	18.02	58.371		
3,700.00	3,658.98	3,662.21	3,661.76	10.12	8.46	126.29	630.23	-583.31	1,059.72	1,041.26	18.46	57.410		
3,800.00	3,757.67	3,755.60	3,755.13	10.42	8.65	126.87	628.65	-584.50	1,068.06	1,049.16	18.89	56.535		
3,900.00	3,856.37	3,854.89	3,854.40	10.72	8.85	127.45	627.31	-586.14	1,076.91	1,057.57	19.34	55.676		
4,000.00	3,955.06	3,960.23	3,959.71	11.02	9.06	128.06	625.44	-587.69	1,085.43	1,065.62	19.81	54.794		
4,100.00	4,053.75	4,058.07	4,057.53	11.33	9.26	128.63	623.39	-588.91	1,093.69	1,073.43	20.27	53.969		
4,200.00	4,152.45	4,149.30	4,148.75	11.64	9.44	129.19	622.05	-589.48	1,102.57	1,081.86	20.71	53.240		
4,300.00	4,251.14	4,241.82	4,241.26	11.96	9.62	129.77	621.47	-589.69	1,112.31	1,091.15	21.16	52.572		
4,400.00	4,349.84	4,338.07	4,337.51	12.28	9.82	130.38	621.22	-589.67	1,122.50	1,100.88	21.62	51.927		
4,500.00	4,448.53	4,436.96	4,436.40	12.61	10.02	130.98	621.09	-589.95	1,133.00	1,110.91	22.08	51.303		
4,600.00	4,547.22	4,546.85	4,546.29	12.93	10.24	131.62	620.44	-590.51	1,143.21	1,120.63	22.58	50.630		
4,700.00	4,645.92	4,652.22	4,651.64	13.26	10.46	132.24	618.65	-590.46	1,152.35	1,129.29	23.07	49.958		
4,800.00	4,744.61	4,756.57	4,755.96	13.60	10.67	132.91	617.01	-589.09	1,161.61	1,138.06	23.55	49.324		
4,900.00	4,843.31	4,857.43	4,856.78	13.93	10.87	133.58	614.71	-587.16	1,170.22	1,146.19	24.03	48.704		
5,000.00	4,942.00	4,949.32	4,948.64	14.27	11.05	134.18	613.01	-585.39	1,179.41	1,154.92	24.49	48.165		
5,100.00	5,040.69	5,038.32	5,037.63	14.61	11.23	134.71	611.83	-584.57	1,189.36	1,164.42	24.94	47.685	SF	

Offset Design											Offset Site Error:	0.00 usft	
15N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys											Offset Well Error:	3.28 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448													
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	-120.97	-336.24	-560.23	653.61				
100.00	100.00	83.70	83.69	3.28	3.28	-120.99	-336.39	-560.08	653.34	645.99	7.35	88.833	
200.00	200.00	184.85	184.85	3.30	3.29	-121.03	-336.71	-559.67	653.15	645.76	7.39	88.420	
300.00	300.00	283.98	283.98	3.34	3.32	19.27	-336.72	-559.38	652.50	645.05	7.45	87.548	
400.00	399.93	382.08	382.08	3.40	3.36	19.41	-336.58	-559.45	649.19	641.64	7.55	86.022	
500.00	499.68	478.70	478.70	3.48	3.41	19.67	-336.50	-559.90	642.97	635.29	7.68	83.762	
600.00	599.13	577.87	577.87	3.59	3.47	20.10	-336.44	-560.74	633.83	625.99	7.84	80.805	
700.00	698.15	676.94	676.93	3.73	3.54	20.67	-336.34	-561.56	621.43	613.38	8.05	77.207	
800.00	796.85	776.49	776.48	3.90	3.63	21.28	-336.15	-562.39	607.02	598.74	8.29	73.256	
900.00	895.54	875.08	875.06	4.11	3.73	21.90	-335.90	-563.15	592.56	584.01	8.55	69.328	
1,000.00	994.24	973.77	973.75	4.33	3.83	22.55	-335.68	-563.95	578.22	569.39	8.84	65.436	
1,100.00	1,092.93	1,073.46	1,073.44	4.58	3.95	23.25	-335.37	-564.72	563.89	554.74	9.15	61.611	
1,200.00	1,191.63	1,173.06	1,173.03	4.85	4.07	23.98	-334.97	-565.32	549.46	539.97	9.49	57.892	
1,300.00	1,290.32	1,271.42	1,271.39	5.13	4.20	24.77	-334.37	-565.95	535.05	525.20	9.85	54.329	
1,400.00	1,389.01	1,370.69	1,370.65	5.42	4.34	25.62	-333.61	-566.69	520.78	510.56	10.23	50.928	
1,500.00	1,487.71	1,469.14	1,469.10	5.72	4.48	26.52	-332.81	-567.32	506.52	495.91	10.62	47.699	
1,600.00	1,586.40	1,567.70	1,567.65	6.03	4.63	27.51	-331.71	-568.19	492.49	481.46	11.03	44.654	
1,700.00	1,685.10	1,666.58	1,666.51	6.35	4.79	28.62	-330.19	-569.19	478.58	467.12	11.45	41.781	
1,800.00	1,783.79	1,763.06	1,762.97	6.53	4.94	29.80	-328.47	-570.36	464.95	453.40	11.56	40.234	
1,900.00	1,882.49	1,859.20	1,859.06	6.57	5.10	31.13	-326.29	-572.35	452.17	440.42	11.75	38.478	
2,000.00	1,981.18	1,957.35	1,957.16	6.63	5.26	32.58	-324.02	-574.75	440.01	428.03	11.97	36.745	
2,100.00	2,079.87	2,056.52	2,056.27	6.72	5.43	34.13	-321.75	-577.08	428.06	415.84	12.22	35.021	
2,200.00	2,178.57	2,156.02	2,155.73	6.82	5.61	35.74	-319.66	-579.20	416.28	403.78	12.50	33.314	
2,300.00	2,277.26	2,255.05	2,254.72	6.95	5.78	37.39	-317.79	-581.05	404.62	391.83	12.79	31.635	
2,400.00	2,375.96	2,353.85	2,353.49	7.09	5.96	39.13	-315.90	-582.87	393.31	380.20	13.11	30.005	
2,500.00	2,474.65	2,452.23	2,451.83	7.25	6.14	40.98	-313.96	-584.65	382.32	368.87	13.45	28.430	
2,600.00	2,573.34	2,551.07	2,550.63	7.42	6.33	42.96	-311.91	-586.55	371.87	358.06	13.81	26.925	
2,700.00	2,672.04	2,650.33	2,649.86	7.61	6.51	45.05	-309.86	-588.24	361.65	347.46	14.20	25.473	
2,800.00	2,770.73	2,749.06	2,748.55	7.82	6.70	47.24	-307.86	-589.83	351.87	337.27	14.60	24.095	
2,900.00	2,869.43	2,847.39	2,846.85	8.03	6.89	49.56	-305.73	-591.41	342.62	327.59	15.03	22.796	
3,000.00	2,968.12	2,945.54	2,944.96	8.26	7.07	52.02	-303.52	-593.12	334.11	318.64	15.48	21.590	
3,100.00	3,066.81	3,044.14	3,043.52	8.50	7.27	54.60	-301.32	-594.89	326.31	310.37	15.94	20.471	
3,200.00	3,165.51	3,143.62	3,142.96	8.75	7.46	57.34	-299.00	-596.55	319.12	302.69	16.42	19.430	
3,300.00	3,264.20	3,244.04	3,243.33	9.01	7.66	60.31	-296.28	-597.68	312.21	295.28	16.93	18.446	
3,400.00	3,362.90	3,345.16	3,344.40	9.28	7.85	63.61	-292.78	-597.93	305.49	288.04	17.44	17.513	
3,500.00	3,461.59	3,447.62	3,446.77	9.55	8.05	67.24	-288.79	-596.80	298.65	280.67	17.97	16.615	
3,600.00	3,560.28	3,549.26	3,548.30	9.84	8.25	71.05	-285.09	-594.13	291.49	272.98	18.51	15.748	
3,700.00	3,658.98	3,648.41	3,647.34	10.12	8.44	74.95	-281.79	-590.76	284.82	265.77	19.04	14.957	
3,800.00	3,757.67	3,748.04	3,746.87	10.42	8.64	78.96	-278.93	-587.22	279.19	259.62	19.57	14.263	
3,900.00	3,856.37	3,847.70	3,846.44	10.72	8.83	82.94	-277.29	-583.31	274.04	253.95	20.10	13.635	
4,000.00	3,955.06	3,944.88	3,943.54	11.02	9.02	86.92	-275.85	-579.53	270.20	249.59	20.61	13.109	
4,100.00	4,053.75	4,041.42	4,040.01	11.33	9.21	90.85	-274.49	-576.47	268.24	247.13	21.11	12.706	
4,151.62	4,104.70	4,091.29	4,089.87	11.49	9.31	92.87	-273.75	-575.14	267.99	246.62	21.36	12.544 CC, ES	
4,200.00	4,152.45	4,137.79	4,136.34	11.64	9.40	94.74	-273.01	-574.07	268.23	246.63	21.60	12.420	
4,300.00	4,251.14	4,234.34	4,232.86	11.96	9.60	98.53	-271.24	-572.40	270.25	248.18	22.07	12.247	
4,400.00	4,349.84	4,331.87	4,330.36	12.28	9.79	102.27	-269.24	-571.05	273.90	251.38	22.52	12.160	
4,500.00	4,448.53	4,429.71	4,428.17	12.61	9.99	105.91	-267.04	-569.83	278.97	256.00	22.97	12.146 SF	
4,600.00	4,547.22	4,527.88	4,526.31	12.93	10.19	109.41	-264.87	-568.69	285.19	261.79	23.40	12.187	
4,700.00	4,645.92	4,625.45	4,623.83	13.26	10.39	112.82	-262.30	-567.23	292.65	268.84	23.82	12.287	
4,800.00	4,744.61	4,723.63	4,721.96	13.60	10.59	116.15	-259.49	-565.42	301.22	277.00	24.22	12.435	
4,900.00	4,843.31	4,821.70	4,819.96	13.93	10.79	119.34	-256.57	-563.34	310.78	286.16	24.62	12.622	
5,000.00	4,942.00	4,919.88	4,918.08	14.27	10.99	122.37	-253.62	-561.10	321.24	296.22	25.01	12.842	
5,100.00	5,040.69	5,018.35	5,016.48	14.61	11.20	125.20	-250.77	-558.95	332.47	307.06	25.41	13.086	
5,200.00	5,139.39	5,117.25	5,115.32	14.95	11.40	127.79	-248.20	-557.06	344.23	318.43	25.80	13.341	
5,300.00	5,238.08	5,215.44	5,213.48	15.29	11.60	130.15	-245.79	-555.43	356.55	330.35	26.20	13.608	
5,400.00	5,336.78	5,313.57	5,311.56	15.64	11.81	132.34	-243.42	-553.89	369.40	342.80	26.60	13.886	
5,500.00	5,435.47	5,410.30	5,408.24	15.98	12.01	134.38	-240.84	-552.20	383.00	356.00	27.00	14.184	
5,600.00	5,534.16	5,508.15	5,506.04	16.33	12.21	136.32	-238.01	-550.40	397.27	369.87	27.41	14.495	
5,700.00	5,632.86	5,606.91	5,604.74	16.68	12.42	138.10	-235.21	-548.90	411.92	384.10	27.82	14.805	
5,800.00	5,731.55	5,706.64	5,704.44	17.03	12.63	139.73	-232.67	-547.68	426.66	398.41	28.25	15.103	
5,900.00	5,830.25	5,805.93	5,803.70	17.38	12.83	141.24	-230.42	-546.53	441.42	412.74	28.68	15.391	
6,000.00	5,928.94	5,905.17	5,902.90	17.74	13.04	142.67	-228.41	-545.27	456.23	427.12	29.11	15.671	
6,100.00	6,027.63	6,004.83	6,002.54	18.09	13.25	144.01	-226.64	-543.98	471.06	441.51	29.55	15.940	
6,200.00	6,126.33	6,104.49	6,102.18	18.44	13.46	145.27	-225.15	-542.77	485.84	455.84	30.00	16.197	
6,300.00	6,225.02	6,201.58	6,199.25	18.80	13.66	146.40	-223.67	-541.72	500.84	470.40	30.43	16.457	
6,400.00	6,323.72	6,298.74	6,296.40	19.16	13.87	147.44	-221.94	-540.91	516.25	485.38	30.88	16.719	

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,422.41	6,396.34	6,393.97	19.52	14.07	148.40	-219.97	-540.35	532.01	500.68	31.33	16.981		
6,600.00	6,520.95	6,495.49	6,493.11	19.88	14.28	135.52	-217.96	-539.92	548.09	516.31	31.79	17.243		
6,700.00	6,617.12	6,591.80	6,589.40	20.29	14.49	120.48	-216.10	-539.73	566.36	534.14	32.22	17.579		
6,800.00	6,708.34	6,688.95	6,686.54	20.81	14.69	115.75	-214.83	-539.29	588.04	555.38	32.66	18.006		
6,900.00	6,792.37	6,778.06	6,775.63	21.44	14.87	114.45	-214.87	-538.08	614.62	581.53	33.09	18.574		
7,000.00	6,867.14	6,855.87	6,853.43	22.21	15.03	114.02	-215.68	-536.73	648.50	614.96	33.53	19.338		
7,100.00	6,930.81	6,922.44	6,919.98	23.15	15.17	113.21	-216.75	-535.67	691.38	657.37	34.02	20.326		
7,200.00	6,981.81	6,977.37	6,974.89	24.30	15.28	111.20	-217.87	-535.08	743.81	709.28	34.53	21.542		
7,300.00	7,018.89	7,020.15	7,017.67	25.69	15.36	107.38	-218.92	-534.87	805.33	770.29	35.05	22.979		
7,400.00	7,041.12	7,048.60	7,046.10	27.32	15.42	101.08	-219.76	-534.91	874.55	839.03	35.52	24.620		
7,500.00	7,047.98	7,058.24	7,055.74	29.15	15.44	92.03	-220.07	-534.96	949.55	913.65	35.90	26.450		
7,600.00	7,047.53	7,058.48	7,055.98	31.13	15.44	92.05	-220.08	-534.96	1,028.64	992.43	36.21	28.406		
7,700.00	7,047.07	7,058.73	7,056.23	33.28	15.44	92.08	-220.09	-534.96	1,111.11	1,074.61	36.50	30.442		
7,800.00	7,046.61	7,059.00	7,056.49	35.55	15.44	92.10	-220.10	-534.96	1,196.26	1,159.50	36.76	32.543		

Offset Design												5N-67W-10 Offsets Incomplete - High Pointe LLC 10G-232 - Kerr McGee Planned Well - Planned Ensig	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_ISCWSA REV 2 MWD	Offset Well Error:	3.28 usft
Reference				Offset		Semi Major Axis			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		
12,500.00	7,025.10	16,678.60	7,015.40	168.96	335.01	-85.66	-1,873.12	-6,792.50	1,152.66	706.34	446.32	2.583		
12,600.00	7,024.64	16,678.60	7,015.40	171.90	335.01	-85.66	-1,873.12	-6,792.50	1,109.91	643.87	466.04	2.382		
12,700.00	7,024.18	16,678.60	7,015.40	174.84	335.01	-85.66	-1,873.12	-6,792.50	1,074.79	590.86	483.93	2.221		
12,800.00	7,023.73	16,678.60	7,015.40	177.78	335.01	-85.66	-1,873.12	-6,792.50	1,048.06	549.01	499.05	2.100		
12,900.00	7,023.27	16,678.60	7,015.40	180.73	335.01	-85.66	-1,873.12	-6,792.50	1,030.39	519.89	510.50	2.018		
13,000.00	7,022.81	16,678.60	7,015.40	183.67	335.01	-85.66	-1,873.12	-6,792.50	1,022.24	504.70	517.54	1.975		
13,100.00	7,022.35	16,605.89	7,015.78	186.61	332.51	-85.70	-1,873.07	-6,865.21	1,021.26	502.96	518.30	1.970 SF		
13,200.00	7,021.89	16,505.90	7,016.31	189.55	329.08	-85.75	-1,873.00	-6,965.20	1,020.64	502.79	517.84	1.971		
13,300.00	7,021.44	16,405.91	7,016.83	192.50	325.64	-85.81	-1,872.94	-7,065.19	1,020.02	502.63	517.39	1.971		
13,400.00	7,020.98	16,305.91	7,017.35	195.44	322.21	-85.86	-1,872.87	-7,165.18	1,019.40	502.47	516.93	1.972		
13,500.00	7,020.52	16,205.92	7,017.88	198.39	318.78	-85.91	-1,872.80	-7,265.18	1,018.78	502.30	516.48	1.973		
13,600.00	7,020.06	16,105.92	7,018.40	201.34	315.34	-85.97	-1,872.74	-7,365.17	1,018.16	502.14	516.02	1.973		
13,700.00	7,019.61	16,005.93	7,018.93	204.28	311.91	-86.02	-1,872.67	-7,465.16	1,017.55	501.98	515.56	1.974		
13,800.00	7,019.15	15,905.94	7,019.45	207.23	308.48	-86.07	-1,872.61	-7,565.15	1,016.93	501.82	515.11	1.974		
13,900.00	7,018.69	15,805.94	7,019.97	210.18	305.04	-86.12	-1,872.54	-7,665.15	1,016.32	501.66	514.65	1.975		
14,000.00	7,018.23	15,705.95	7,020.50	213.12	301.61	-86.18	-1,872.47	-7,765.14	1,015.70	501.50	514.20	1.975		
14,100.00	7,017.77	15,605.96	7,021.02	216.07	298.18	-86.23	-1,872.41	-7,865.13	1,015.09	501.34	513.74	1.976		
14,200.00	7,017.32	15,505.96	7,021.54	219.02	294.74	-86.28	-1,872.34	-7,965.12	1,014.48	501.19	513.29	1.976		
14,300.00	7,016.86	15,405.97	7,022.07	221.97	291.31	-86.34	-1,872.27	-8,065.11	1,013.87	501.03	512.84	1.977		
14,400.00	7,016.40	15,305.97	7,022.59	224.92	287.88	-86.39	-1,872.21	-8,165.11	1,013.26	500.87	512.38	1.978		
14,500.00	7,015.94	15,205.98	7,023.11	227.87	284.45	-86.44	-1,872.14	-8,265.10	1,012.65	500.72	511.93	1.978		
14,600.00	7,015.49	15,105.99	7,023.64	230.82	281.01	-86.50	-1,872.07	-8,365.09	1,012.04	500.57	511.47	1.979		
14,700.00	7,015.03	15,005.99	7,024.16	233.77	277.58	-86.55	-1,872.01	-8,465.08	1,011.43	500.41	511.02	1.979		
14,800.00	7,014.57	14,906.00	7,024.68	236.72	274.15	-86.61	-1,871.94	-8,565.08	1,010.82	500.26	510.56	1.980		
14,900.00	7,014.11	14,806.01	7,025.21	239.67	270.72	-86.66	-1,871.87	-8,665.07	1,010.22	500.11	510.11	1.980		
15,000.00	7,013.65	14,706.01	7,025.73	242.62	267.29	-86.71	-1,871.81	-8,765.06	1,009.61	499.96	509.65	1.981		
15,100.00	7,013.20	14,606.02	7,026.25	245.57	263.86	-86.77	-1,871.74	-8,865.05	1,009.01	499.81	509.20	1.982		
15,200.00	7,012.74	14,506.03	7,026.78	248.52	260.43	-86.82	-1,871.67	-8,965.05	1,008.40	499.66	508.74	1.982		
15,300.00	7,012.28	14,406.03	7,027.30	251.47	257.00	-86.87	-1,871.61	-9,065.04	1,007.80	499.51	508.29	1.983		
15,400.00	7,011.82	14,306.04	7,027.83	254.43	253.57	-86.93	-1,871.54	-9,165.03	1,007.20	499.36	507.84	1.983		
15,500.00	7,011.37	14,206.04	7,028.35	257.38	250.14	-86.98	-1,871.47	-9,265.02	1,006.60	499.22	507.38	1.984		
15,600.00	7,010.91	14,106.05	7,028.87	260.33	246.71	-87.04	-1,871.41	-9,365.01	1,006.00	499.07	506.93	1.985		
15,700.00	7,010.45	14,006.06	7,029.40	263.28	243.28	-87.09	-1,871.34	-9,465.01	1,005.40	498.93	506.47	1.985		
15,800.00	7,009.99	13,906.06	7,029.92	266.24	239.85	-87.15	-1,871.27	-9,565.00	1,004.80	498.78	506.02	1.986		
15,900.00	7,009.54	13,806.07	7,030.44	269.19	236.42	-87.20	-1,871.21	-9,664.99	1,004.21	498.64	505.56	1.986		
16,000.00	7,009.08	13,706.08	7,030.97	272.14	232.99	-87.25	-1,871.14	-9,764.98	1,003.61	498.50	505.11	1.987		
16,100.00	7,008.62	13,606.08	7,031.49	275.09	229.57	-87.31	-1,871.08	-9,864.98	1,003.01	498.36	504.66	1.988		
16,200.00	7,008.16	13,506.09	7,032.01	278.05	226.14	-87.36	-1,871.01	-9,964.97	1,002.42	498.22	504.20	1.988		
16,300.00	7,007.70	13,406.10	7,032.54	281.00	222.71	-87.42	-1,870.94	-10,064.96	1,001.83	498.08	503.75	1.989		
16,400.00	7,007.25	13,306.10	7,033.06	283.96	219.28	-87.47	-1,870.88	-10,164.95	1,001.23	497.94	503.30	1.989		
16,500.00	7,006.79	13,206.11	7,033.58	286.91	215.86	-87.53	-1,870.81	-10,264.94	1,000.64	497.80	502.84	1.990		
16,600.00	7,006.33	13,106.11	7,034.11	289.86	212.43	-87.58	-1,870.74	-10,364.94	1,000.05	497.66	502.39	1.991		
16,700.00	7,005.87	13,006.12	7,034.63	292.82	209.01	-87.64	-1,870.68	-10,464.93	999.46	497.53	501.94	1.991		
16,800.00	7,005.42	12,906.13	7,035.16	295.77	205.58	-87.69	-1,870.61	-10,564.92	998.87	497.39	501.48	1.992		
16,900.00	7,004.96	12,806.13	7,035.68	298.73	202.16	-87.75	-1,870.54	-10,664.91	998.29	497.25	501.03	1.992		
17,000.00	7,004.50	12,706.14	7,036.20	301.68	198.74	-87.80	-1,870.48	-10,764.91	997.70	497.12	500.58	1.993		
17,100.00	7,004.04	12,606.15	7,036.73	304.64	195.31	-87.86	-1,870.41	-10,864.90	997.11	496.99	500.13	1.994		
17,200.00	7,003.58	12,506.15	7,037.25	307.59	191.89	-87.91	-1,870.34	-10,964.89	996.53	496.85	499.67	1.994		
17,300.00	7,003.13	12,406.16	7,037.77	310.55	188.47	-87.97	-1,870.28	-11,064.88	995.94	496.72	499.22	1.995		
17,327.69	7,003.00	12,378.47	7,037.92	311.37	187.52	-87.98	-1,870.26	-11,092.57	995.78	496.68	499.10	1.995 CC, ES		

Offset Design 5N-67W-10 Offsets Incomplete - High Pointe LLC 10G-302 - Kerr McGee Planned Well - Planned Ensig													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference				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		
12,100.00	7,026.93	16,733.00	7,066.79	157.21	335.01	-87.60	-1,471.59	-6,793.13	1,118.24	847.08	271.16	4.124		
12,200.00	7,026.47	16,733.00	7,066.79	160.15	335.01	-87.60	-1,471.59	-6,793.13	1,036.36	742.33	294.03	3.525		
12,300.00	7,026.01	16,733.00	7,066.79	163.08	335.01	-87.60	-1,471.59	-6,793.13	957.93	638.15	319.78	2.996		
12,400.00	7,025.56	16,733.00	7,066.79	166.02	335.01	-87.60	-1,471.59	-6,793.13	883.86	535.35	348.51	2.536		
12,500.00	7,025.10	16,733.00	7,066.79	168.96	335.01	-87.60	-1,471.59	-6,793.13	815.34	435.34	380.00	2.146		
12,600.00	7,024.64	16,733.00	7,066.79	171.90	335.01	-87.60	-1,471.59	-6,793.13	753.90	340.40	413.50	1.823		
12,700.00	7,024.18	16,733.00	7,066.79	174.84	335.01	-87.60	-1,471.59	-6,793.13	701.39	254.08	447.30	1.568		
12,800.00	7,023.73	16,733.00	7,066.79	177.78	335.01	-87.60	-1,471.59	-6,793.13	659.94	181.37	478.57	1.379	Level 3	
12,900.00	7,023.27	16,733.00	7,066.79	180.73	335.01	-87.60	-1,471.59	-6,793.13	631.75	128.35	503.39	1.255	Level 3	
13,000.00	7,022.81	16,733.00	7,066.79	183.67	335.01	-87.60	-1,471.59	-6,793.13	618.62	100.84	517.77	1.195	Level 2	
13,100.00	7,022.35	16,661.42	7,067.29	186.61	332.55	-87.67	-1,471.54	-6,864.71	617.37	98.15	519.22	1.189	Level 2	
13,200.00	7,021.89	16,561.43	7,067.99	189.55	329.12	-87.78	-1,471.48	-6,964.70	616.77	98.01	518.76	1.189	Level 2	
13,300.00	7,021.44	16,461.44	7,068.69	192.50	325.68	-87.89	-1,471.41	-7,064.69	616.18	97.87	518.31	1.189	Level 2	
13,400.00	7,020.98	16,361.44	7,069.38	195.44	322.25	-87.99	-1,471.35	-7,164.68	615.59	97.74	517.85	1.189	Level 2	
13,500.00	7,020.52	16,261.45	7,070.08	198.39	318.81	-88.10	-1,471.28	-7,264.67	615.00	97.61	517.39	1.189	Level 2	
13,600.00	7,020.06	16,161.46	7,070.78	201.34	315.38	-88.20	-1,471.21	-7,364.66	614.41	97.48	516.94	1.189	Level 2	
13,700.00	7,019.61	16,061.47	7,071.48	204.28	311.95	-88.31	-1,471.15	-7,464.65	613.83	97.35	516.48	1.188	Level 2	
13,800.00	7,019.15	15,961.48	7,072.18	207.23	308.51	-88.42	-1,471.08	-7,564.64	613.25	97.23	516.02	1.188	Level 2	
13,900.00	7,018.69	15,861.48	7,072.88	210.18	305.08	-88.52	-1,471.01	-7,664.63	612.67	97.11	515.55	1.188	Level 2	
14,000.00	7,018.23	15,761.49	7,073.57	213.12	301.65	-88.63	-1,470.95	-7,764.62	612.09	97.00	515.09	1.188	Level 2	
14,100.00	7,017.77	15,661.50	7,074.27	216.07	298.22	-88.74	-1,470.88	-7,864.61	611.51	96.89	514.63	1.188	Level 2	
14,200.00	7,017.32	15,561.51	7,074.97	219.02	294.78	-88.84	-1,470.81	-7,964.60	610.94	96.78	514.16	1.188	Level 2	
14,300.00	7,016.86	15,461.52	7,075.67	221.97	291.35	-88.95	-1,470.75	-8,064.59	610.37	96.67	513.70	1.188	Level 2	
14,400.00	7,016.40	15,361.53	7,076.37	224.92	287.92	-89.06	-1,470.68	-8,164.58	609.80	96.57	513.23	1.188	Level 2	
14,500.00	7,015.94	15,261.53	7,077.06	227.87	284.49	-89.17	-1,470.61	-8,264.56	609.23	96.47	512.76	1.188	Level 2	
14,600.00	7,015.49	15,161.54	7,077.76	230.82	281.06	-89.27	-1,470.55	-8,364.55	608.67	96.37	512.29	1.188	Level 2	
14,700.00	7,015.03	15,061.55	7,078.46	233.77	277.62	-89.38	-1,470.48	-8,464.54	608.11	96.28	511.82	1.188	Level 2	
14,800.00	7,014.57	14,961.56	7,079.16	236.72	274.19	-89.49	-1,470.41	-8,564.53	607.55	96.19	511.35	1.188	Level 2, SF	
14,900.00	7,014.11	14,861.57	7,079.86	239.67	270.76	-89.60	-1,470.35	-8,664.52	606.99	96.11	510.88	1.188	Level 2	
15,000.00	7,013.65	14,761.57	7,080.55	242.62	267.33	-89.71	-1,470.28	-8,764.51	606.43	96.03	510.41	1.188	Level 2	
15,100.00	7,013.20	14,661.58	7,081.25	245.57	263.90	-89.82	-1,470.22	-8,864.50	605.88	95.95	509.93	1.188	Level 2	
15,200.00	7,012.74	14,561.59	7,081.95	248.52	260.47	-89.93	-1,470.15	-8,964.49	605.33	95.87	509.45	1.188	Level 2	
15,300.00	7,012.28	14,461.60	7,082.65	251.47	257.04	-90.04	-1,470.08	-9,064.48	604.78	95.80	508.98	1.188	Level 2	
15,400.00	7,011.82	14,361.61	7,083.35	254.43	253.61	-90.15	-1,470.02	-9,164.47	604.23	95.73	508.50	1.188	Level 2	
15,500.00	7,011.37	14,261.62	7,084.04	257.38	250.18	-90.26	-1,469.95	-9,264.46	603.68	95.67	508.02	1.188	Level 2	
15,600.00	7,010.91	14,161.62	7,084.74	260.33	246.75	-90.37	-1,469.88	-9,364.45	603.14	95.60	507.54	1.188	Level 2	
15,700.00	7,010.45	14,061.63	7,085.44	263.28	243.32	-90.48	-1,469.82	-9,464.44	602.60	95.55	507.05	1.188	Level 2	
15,800.00	7,009.99	13,961.64	7,086.14	266.24	239.90	-90.59	-1,469.75	-9,564.43	602.06	95.49	506.57	1.189	Level 2	
15,900.00	7,009.54	13,861.65	7,086.84	269.19	236.47	-90.70	-1,469.68	-9,664.42	601.52	95.44	506.09	1.189	Level 2	
16,000.00	7,009.08	13,761.66	7,087.53	272.14	233.04	-90.81	-1,469.62	-9,764.40	600.99	95.39	505.60	1.189	Level 2	
16,100.00	7,008.62	13,661.66	7,088.23	275.09	229.61	-90.92	-1,469.55	-9,864.39	600.46	95.35	505.11	1.189	Level 2	
16,200.00	7,008.16	13,561.67	7,088.93	278.05	226.19	-91.03	-1,469.48	-9,964.38	599.93	95.31	504.62	1.189	Level 2	
16,300.00	7,007.70	13,461.68	7,089.63	281.00	222.76	-91.14	-1,469.42	-10,064.37	599.40	95.27	504.13	1.189	Level 2	
16,400.00	7,007.25	13,361.69	7,090.33	283.96	219.33	-91.25	-1,469.35	-10,164.36	598.88	95.23	503.64	1.189	Level 2	
16,500.00	7,006.79	13,261.70	7,091.02	286.91	215.91	-91.36	-1,469.29	-10,264.35	598.36	95.20	503.15	1.189	Level 2	
16,600.00	7,006.33	13,161.71	7,091.72	289.86	212.48	-91.48	-1,469.22	-10,364.34	597.83	95.18	502.66	1.189	Level 2	
16,700.00	7,005.87	13,061.71	7,092.42	292.82	209.06	-91.59	-1,469.15	-10,464.33	597.32	95.15	502.16	1.189	Level 2	
16,800.00	7,005.42	12,961.72	7,093.12	295.77	205.63	-91.70	-1,469.09	-10,564.32	596.80	95.13	501.67	1.190	Level 2	
16,900.00	7,004.96	12,861.73	7,093.82	298.73	202.21	-91.81	-1,469.02	-10,664.31	596.29	95.11	501.17	1.190	Level 2	
17,000.00	7,004.50	12,761.74	7,094.52	301.68	198.79	-91.93	-1,468.95	-10,764.30	595.78	95.10	500.68	1.190	Level 2	
17,100.00	7,004.04	12,661.75	7,095.21	304.64	195.36	-92.04	-1,468.89	-10,864.29	595.27	95.09	500.18	1.190	Level 2	
17,200.00	7,003.58	12,561.75	7,095.91	307.59	191.94	-92.15	-1,468.82	-10,964.28	594.76	95.08	499.68	1.190	Level 2	
17,300.00	7,003.13	12,461.76	7,096.61	310.55	188.52	-92.27	-1,468.75	-11,064.27	594.26	95.08	499.18	1.190	Level 2	
17,327.69	7,003.00	12,434.08	7,096.80	311.37	187.58	-92.30	-1,468.74	-11,091.95	594.12	95.08	499.04	1.191	Level 2, CC, ES	

Offset Design													Offset Site Error:	0.00 usft
5N-67W-11 Offsets Need Directional Surveys - SKYWAY 18-11 - Noble Energy PR Well - Actual Strata													Offset Well Error:	3.28 usft
Survey Program: 179-SRC Energy_ISCWSA REV 2 MWD, 7897-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,800.00	7,009.99	7,209.39	7,070.07	266.24	30.00	91.76	77.35	-10,228.30	1,155.44	911.90	243.54	4.744		
15,900.00	7,009.54	7,208.81	7,069.50	269.19	30.00	91.72	77.37	-10,228.30	1,101.42	844.96	256.46	4.295		
16,000.00	7,009.08	7,208.23	7,068.92	272.14	30.00	91.69	77.38	-10,228.30	1,054.15	784.86	269.29	3.915		
16,100.00	7,008.62	7,207.66	7,068.35	275.09	30.00	91.65	77.40	-10,228.30	1,014.55	733.04	281.51	3.604		
16,200.00	7,008.16	7,207.09	7,067.78	278.05	30.00	91.62	77.41	-10,228.30	983.57	691.05	292.52	3.362		
16,300.00	7,007.70	7,206.52	7,067.21	281.00	29.99	91.58	77.43	-10,228.30	962.03	660.41	301.62	3.190		
16,400.00	7,007.25	7,205.96	7,066.65	283.96	29.99	91.55	77.44	-10,228.31	950.57	642.38	308.20	3.084		
16,459.56	7,006.97	7,205.62	7,066.31	285.72	29.99	91.53	77.45	-10,228.31	948.71	637.98	310.72	3.053 CC		
16,500.00	7,006.79	7,205.40	7,066.08	286.91	29.99	91.52	77.46	-10,228.31	949.57	637.76	311.81	3.045 ES, SF		
16,600.00	7,006.33	7,204.84	7,065.53	289.86	29.99	91.48	77.47	-10,228.31	959.04	646.77	312.27	3.071		
16,700.00	7,005.87	7,204.28	7,064.97	292.82	29.99	91.45	77.49	-10,228.31	978.70	668.97	309.73	3.160		
16,800.00	7,005.42	7,203.73	7,064.42	295.77	29.99	91.42	77.50	-10,228.31	1,007.94	703.35	304.59	3.309		
16,900.00	7,004.96	7,203.18	7,063.87	298.73	29.99	91.38	77.52	-10,228.31	1,045.96	748.56	297.40	3.517		
17,000.00	7,004.50	7,202.64	7,063.32	301.68	29.99	91.35	77.53	-10,228.31	1,091.84	803.07	288.77	3.781		
17,100.00	7,004.04	7,202.09	7,062.78	304.64	29.99	91.32	77.55	-10,228.31	1,144.64	865.38	279.26	4.099		

Offset Design												5N-67W-11 Offsets Need Directional Surveys - SKYWAY 22-11 - Noble Energy PR Well - Actual Strata	Offset Site Error:	0.00 usft
Survey Program:												150-SRC Energy_ISCWSA REV 2 MWD, 7438-SRC Energy_2^ CONE_2.448	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor	
15,300.00	7,012.28	7,171.27	7,046.22	251.47	29.14	-86.02	-1,183.65	-10,217.25	1,196.61	1,105.85	90.76	13.184		
15,400.00	7,011.82	7,172.31	7,047.25	254.43	29.14	-86.21	-1,183.69	-10,217.26	1,100.42	1,003.32	97.10	11.333		
15,500.00	7,011.37	7,173.34	7,048.28	257.38	29.14	-86.39	-1,183.72	-10,217.28	1,004.96	900.28	104.69	9.600		
15,600.00	7,010.91	7,174.36	7,049.30	260.33	29.14	-86.58	-1,183.75	-10,217.29	910.49	796.61	113.88	7.995		
15,700.00	7,010.45	7,175.36	7,050.30	263.28	29.15	-86.76	-1,183.79	-10,217.31	817.32	692.17	125.15	6.531		
15,800.00	7,009.99	7,176.36	7,051.30	266.24	29.15	-86.95	-1,183.82	-10,217.32	725.98	586.82	139.16	5.217		
15,900.00	7,009.54	7,177.35	7,052.29	269.19	29.15	-87.13	-1,183.85	-10,217.34	637.24	480.45	156.79	4.064		
16,000.00	7,009.08	7,178.33	7,053.27	272.14	29.15	-87.31	-1,183.89	-10,217.35	552.36	373.20	179.16	3.083		
16,100.00	7,008.62	7,179.30	7,054.23	275.09	29.15	-87.48	-1,183.92	-10,217.36	473.42	265.98	207.44	2.282		
16,200.00	7,008.16	7,180.26	7,055.19	278.05	29.15	-87.66	-1,183.95	-10,217.38	403.92	162.06	241.85	1.670		
16,300.00	7,007.70	7,181.21	7,056.14	281.00	29.16	-87.83	-1,183.98	-10,217.39	349.53	70.62	278.90	1.253	Level 3	
16,400.00	7,007.25	7,182.15	7,057.08	283.96	29.16	-88.00	-1,184.01	-10,217.40	318.10	10.93	307.16	1.036	Level 2	
16,454.92	7,007.00	7,182.66	7,057.60	285.58	29.16	-88.10	-1,184.03	-10,217.41	313.32	0.33	312.99	1.001	Level 2, CC, ES, SF	
16,500.00	7,006.79	7,183.08	7,058.02	286.91	29.16	-88.17	-1,184.04	-10,217.42	316.55	5.35	311.20	1.017	Level 2	
16,600.00	7,006.33	7,184.00	7,058.94	289.86	29.16	-88.34	-1,184.07	-10,217.43	345.28	55.61	289.67	1.192	Level 2	
16,700.00	7,005.87	7,184.92	7,059.85	292.82	29.16	-88.51	-1,184.10	-10,217.44	397.78	140.71	257.08	1.547		
16,800.00	7,005.42	7,185.83	7,060.76	295.77	29.16	-88.68	-1,184.13	-10,217.45	466.09	240.53	225.57	2.066		
16,900.00	7,004.96	7,186.72	7,061.66	298.73	29.16	-88.84	-1,184.16	-10,217.47	544.29	344.98	199.31	2.731		
17,000.00	7,004.50	7,187.61	7,062.55	301.68	29.17	-89.00	-1,184.19	-10,217.48	628.70	450.28	178.42	3.524		
17,100.00	7,004.04	7,188.50	7,063.43	304.64	29.17	-89.16	-1,184.22	-10,217.49	717.13	555.21	161.92	4.429		
17,200.00	7,003.58	7,189.37	7,064.30	307.59	29.17	-89.32	-1,184.25	-10,217.50	808.25	659.49	148.77	5.433		
17,300.00	7,003.13	7,190.24	7,065.17	310.55	29.17	-89.48	-1,184.28	-10,217.51	901.26	763.10	138.16	6.523		
17,327.69	7,003.00	7,190.47	7,065.40	311.37	29.17	-89.53	-1,184.29	-10,217.52	927.28	791.69	135.59	6.839		

Offset Design		5N-67W-11 Offsets Need Directional Surveys - SKYWAY 5-11 - Noble Energy PR Well - No Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,200.00	7,008.16	7,050.16	7,050.16	278.05	248.05	91.13	-614.27	-11,088.27	1,152.85	830.15	322.70	3.573	
16,300.00	7,007.70	7,049.70	7,049.70	281.00	248.04	91.03	-614.27	-11,088.27	1,055.68	726.93	328.76	3.211	
16,400.00	7,007.25	7,049.25	7,049.25	283.96	248.02	90.93	-614.27	-11,088.27	959.10	623.04	336.06	2.854	
16,500.00	7,006.79	7,048.79	7,048.79	286.91	248.01	90.83	-614.27	-11,088.27	863.30	518.29	345.01	2.502	
16,600.00	7,006.33	7,048.33	7,048.33	289.86	247.99	90.73	-614.27	-11,088.27	768.57	412.43	356.13	2.158	
16,700.00	7,005.87	7,047.87	7,047.87	292.82	247.97	90.63	-614.27	-11,088.27	675.35	305.12	370.24	1.824	
16,800.00	7,005.42	7,047.42	7,047.42	295.77	247.96	90.53	-614.27	-11,088.27	584.39	195.92	388.47	1.504	
16,900.00	7,004.96	7,046.96	7,046.96	298.73	247.94	90.43	-614.27	-11,088.27	496.91	84.47	412.44	1.205 Level 2	
17,000.00	7,004.50	7,046.50	7,046.50	301.68	247.92	90.32	-614.27	-11,088.27	415.12	-29.05	444.17	0.935 Level 1	
17,100.00	7,004.04	7,046.04	7,046.04	304.64	247.91	90.22	-614.27	-11,088.27	343.12	-141.70	484.83	0.708 Level 1	
17,200.00	7,003.58	7,045.58	7,045.58	307.59	247.89	90.12	-614.27	-11,088.27	288.34	-241.25	529.59	0.544 Level 1	
17,300.00	7,003.13	7,045.13	7,045.13	310.55	247.88	90.02	-614.27	-11,088.27	261.81	-296.50	558.31	0.469 Level 1	
17,322.97	7,003.02	7,045.02	7,045.02	311.23	247.87	90.00	-614.27	-11,088.27	260.80	-298.81	559.62	0.466 Level 1, CC, ES, SF	
17,327.69	7,003.00	7,045.00	7,045.00	311.37	247.87	90.00	-614.27	-11,088.27	260.85	-298.75	559.59	0.466 Level 1	

Offset Design												5N-67W-11 Offsets Need Directional Surveys - SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_ISCWSA REV 2 MWD	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance						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	
14,700.00	7,015.03	7,402.18	7,057.03	233.77	43.20	90.98	-569.34	-9,578.90	1,152.68	1,056.99	95.69	12.046		
14,800.00	7,014.57	7,401.72	7,056.57	236.72	43.20	90.89	-569.34	-9,578.90	1,056.41	954.45	101.96	10.361		
14,900.00	7,014.11	7,401.26	7,056.11	239.67	43.20	90.80	-569.34	-9,578.90	960.90	851.39	109.51	8.774		
15,000.00	7,013.65	7,400.80	7,055.65	242.62	43.20	90.71	-569.34	-9,578.90	866.40	747.66	118.74	7.296		
15,100.00	7,013.20	7,400.35	7,055.20	245.57	43.20	90.63	-569.34	-9,578.90	773.29	643.09	130.20	5.939		
15,200.00	7,012.74	7,399.89	7,054.74	248.52	43.20	90.54	-569.34	-9,578.90	682.13	537.50	144.63	4.716		
15,300.00	7,012.28	7,399.43	7,054.28	251.47	43.20	90.45	-569.34	-9,578.90	593.83	430.75	163.07	3.641		
15,400.00	7,011.82	7,398.97	7,053.82	254.43	43.20	90.36	-569.34	-9,578.90	509.86	323.00	186.85	2.729		
15,500.00	7,011.37	7,398.52	7,053.37	257.38	43.20	90.28	-569.34	-9,578.90	432.76	215.54	217.21	1.992		
15,600.00	7,010.91	7,398.06	7,052.91	260.33	43.20	90.19	-569.34	-9,578.90	366.88	113.15	253.73	1.446	Level 3	
15,700.00	7,010.45	7,397.60	7,052.45	263.28	43.20	90.10	-569.34	-9,578.90	319.26	29.20	290.05	1.101	Level 2	
15,800.00	7,009.99	7,397.14	7,051.99	266.24	43.20	90.01	-569.34	-9,578.90	298.74	-11.16	309.90	0.964	Level 1	
15,813.39	7,009.93	7,397.08	7,051.93	266.63	43.20	90.00	-569.34	-9,578.90	298.44	-11.89	310.33	0.962	Level 1, CC, ES, SF	
15,900.00	7,009.54	7,396.68	7,051.54	269.19	43.20	89.92	-569.34	-9,578.90	310.76	11.32	299.44	1.038	Level 2	
16,000.00	7,009.08	7,396.23	7,051.08	272.14	43.19	89.84	-569.34	-9,578.90	351.98	84.93	267.06	1.318	Level 3	
16,100.00	7,008.62	7,395.77	7,050.62	275.09	43.19	89.75	-569.34	-9,578.90	413.78	183.28	230.50	1.795		
16,200.00	7,008.16	7,395.31	7,050.16	278.05	43.19	89.66	-569.34	-9,578.90	488.40	289.53	198.87	2.456		
16,300.00	7,007.70	7,394.85	7,049.70	281.00	43.19	89.57	-569.34	-9,578.90	570.84	397.07	173.77	3.285		
16,400.00	7,007.25	7,394.40	7,049.25	283.96	43.19	89.48	-569.34	-9,578.90	658.16	503.90	154.26	4.267		
16,500.00	7,006.79	7,393.94	7,048.79	286.91	43.19	89.40	-569.34	-9,578.90	748.66	609.63	139.03	5.385		
16,600.00	7,006.33	7,393.48	7,048.33	289.86	43.19	89.31	-569.34	-9,578.90	841.32	714.31	127.01	6.624		
16,700.00	7,005.87	7,393.02	7,047.87	292.82	43.19	89.22	-569.34	-9,578.90	935.49	818.13	117.36	7.971		
16,800.00	7,005.42	7,392.56	7,047.42	295.77	43.19	89.13	-569.34	-9,578.90	1,030.75	921.24	109.52	9.412		
16,900.00	7,004.96	7,392.11	7,046.96	298.73	43.19	89.05	-569.34	-9,578.90	1,126.84	1,023.79	103.05	10.935		

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 185-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
17,300.00	7,003.13	7,158.35	7,056.30	310.55	26.25	91.07	248.98	-11,474.29	1,196.63	877.28	319.35	3.747		
17,327.69	7,003.00	7,158.10	7,056.04	311.37	26.25	91.06	248.98	-11,474.30	1,187.55	865.48	322.08	3.687	CC, ES, SF	

Offset Design											5N-67W-12 Offsets - BORESEN 1 - Noble Energy PR Well - No Surveys		Offset Site Error:	0.00 usft
Survey Program:											100-SRC Energy_2° CONE 2.448		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			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	
5,600.00	5,534.16	5,520.16	5,520.16	16.33	193.85	54.80	-547.84	-1,720.51	1,196.94	987.06	209.88	5.703		
5,700.00	5,632.86	5,618.86	5,618.86	16.68	197.35	55.43	-547.84	-1,720.51	1,187.65	973.91	213.73	5.557		
5,800.00	5,731.55	5,717.55	5,717.55	17.03	200.84	56.07	-547.84	-1,720.51	1,178.50	960.91	217.59	5.416		
5,900.00	5,830.25	5,816.25	5,816.25	17.38	204.34	56.72	-547.84	-1,720.51	1,169.50	948.05	221.46	5.281		
6,000.00	5,928.94	5,914.94	5,914.94	17.74	207.83	57.38	-547.84	-1,720.51	1,160.66	935.34	225.32	5.151		
6,100.00	6,027.63	6,013.63	6,013.63	18.09	211.33	58.05	-547.84	-1,720.51	1,151.97	922.79	229.19	5.026		
6,200.00	6,126.33	6,112.33	6,112.33	18.44	214.83	58.73	-547.84	-1,720.51	1,143.45	910.39	233.06	4.906		
6,300.00	6,225.02	6,211.02	6,211.02	18.80	218.32	59.41	-547.84	-1,720.51	1,135.09	898.16	236.93	4.791		
6,400.00	6,323.72	6,309.72	6,309.72	19.16	221.82	60.11	-547.84	-1,720.51	1,126.90	886.10	240.80	4.680		
6,500.00	6,422.41	6,408.41	6,408.41	19.52	225.32	60.82	-547.84	-1,720.51	1,118.88	874.20	244.68	4.573		
6,600.00	6,520.95	6,506.95	6,506.95	19.88	228.81	61.53	-547.84	-1,720.51	1,109.81	861.26	248.55	4.465		
6,700.00	6,617.12	6,603.12	6,603.12	20.29	232.22	62.24	-547.84	-1,720.51	1,088.52	836.15	252.38	4.313		
6,800.00	6,708.34	6,705.66	6,694.34	20.81	235.85	29.59	-547.84	-1,720.51	1,052.87	796.38	256.49	4.105		
6,900.00	6,792.37	6,778.37	6,778.37	21.44	238.42	29.12	-547.84	-1,720.51	1,003.92	744.31	259.61	3.867		
7,000.00	6,867.14	6,853.14	6,853.14	22.21	241.07	31.32	-547.84	-1,720.51	943.08	680.21	262.86	3.588		
7,100.00	6,930.81	6,916.81	6,916.81	23.15	243.33	36.30	-547.84	-1,720.51	872.13	606.33	265.81	3.281		
7,200.00	6,981.81	6,967.81	6,967.81	24.30	245.14	44.85	-547.84	-1,720.51	793.22	524.82	268.40	2.955		
7,300.00	7,018.89	7,004.89	7,004.89	25.69	246.45	57.89	-547.84	-1,720.51	708.81	438.15	270.67	2.619		
7,400.00	7,041.12	7,027.12	7,027.12	27.32	247.24	74.62	-547.84	-1,720.51	621.74	349.09	272.65	2.280		
7,500.00	7,047.98	7,033.98	7,033.98	29.15	247.48	90.42	-547.84	-1,720.51	535.23	260.79	274.44	1.950		
7,600.00	7,047.53	7,033.53	7,033.53	31.13	247.46	90.33	-547.84	-1,720.51	453.31	176.76	276.55	1.639		
7,700.00	7,047.07	7,033.07	7,033.07	33.28	247.45	90.24	-547.84	-1,720.51	380.14	100.70	279.45	1.360 Level 3		
7,800.00	7,046.61	7,032.61	7,032.61	35.55	247.43	90.14	-547.84	-1,720.51	321.76	38.80	282.96	1.137 Level 2		
7,900.00	7,046.15	7,032.15	7,032.15	37.92	247.42	90.05	-547.84	-1,720.51	287.31	1.44	285.87	1.005 Level 2		
7,954.91	7,045.90	7,031.90	7,031.90	39.27	247.41	90.00	-547.84	-1,720.51	282.02	-4.42	286.44	0.985 Level 1, CC, ES, SF		
8,000.00	7,045.70	7,031.70	7,031.70	40.38	247.40	89.96	-547.84	-1,720.51	285.60	-0.53	286.13	0.998 Level 1		
8,100.00	7,045.24	7,031.24	7,031.24	42.91	247.38	89.87	-547.84	-1,720.51	317.15	33.62	283.53	1.119 Level 2		
8,200.00	7,044.78	7,030.78	7,030.78	45.49	247.37	89.77	-547.84	-1,720.51	373.63	93.54	280.10	1.334 Level 3		
8,300.00	7,044.32	7,030.32	7,030.32	48.12	247.35	89.68	-547.84	-1,720.51	445.67	168.50	277.17	1.608		
8,400.00	7,043.87	7,029.87	7,029.87	50.79	247.34	89.59	-547.84	-1,720.51	526.91	251.89	275.02	1.916		
8,500.00	7,043.41	7,029.41	7,029.41	53.49	247.32	89.49	-547.84	-1,720.51	613.72	340.22	273.50	2.244		
8,600.00	7,042.95	7,028.95	7,028.95	56.22	247.30	89.40	-547.84	-1,720.51	704.04	431.61	272.43	2.584		
8,700.00	7,042.49	7,028.49	7,028.49	58.97	247.29	89.31	-547.84	-1,720.51	796.67	525.01	271.66	2.933		
8,800.00	7,042.03	7,028.03	7,028.03	61.74	247.27	89.21	-547.84	-1,720.51	890.90	619.80	271.10	3.286		
8,900.00	7,041.58	7,027.58	7,027.58	64.53	247.25	89.12	-547.84	-1,720.51	986.26	715.57	270.69	3.643		
9,000.00	7,041.12	7,027.12	7,027.12	67.34	247.24	89.03	-547.84	-1,720.51	1,082.46	812.08	270.38	4.003		
9,100.00	7,040.66	7,026.66	7,026.66	70.15	247.22	88.94	-547.84	-1,720.51	1,179.30	909.14	270.15	4.365		

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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,100.00	7,045.24	7,165.07	7,062.41	42.91	28.00	91.02	162.84	-2,439.96	1,148.27	1,085.59	62.68	18.321		
8,200.00	7,044.78	7,164.64	7,061.97	45.49	28.00	91.00	162.85	-2,439.96	1,101.98	1,035.79	66.19	16.650		
8,300.00	7,044.32	7,164.20	7,061.54	48.12	28.00	90.97	162.86	-2,439.96	1,063.10	993.22	69.88	15.212		
8,400.00	7,043.87	7,163.77	7,061.11	50.79	28.00	90.95	162.86	-2,439.96	1,032.48	958.83	73.65	14.019		
8,500.00	7,043.41	7,163.34	7,060.68	53.49	28.00	90.92	162.87	-2,439.96	1,010.86	933.54	77.32	13.074		
8,600.00	7,042.95	7,162.92	7,060.25	56.22	28.00	90.90	162.88	-2,439.96	998.84	918.11	80.73	12.373		
8,670.86	7,042.63	7,162.61	7,059.95	58.17	28.00	90.88	162.88	-2,439.96	996.32	913.42	82.89	12.019	CC	
8,700.00	7,042.49	7,162.49	7,059.83	58.97	28.00	90.87	162.88	-2,439.96	996.74	913.03	83.71	11.907	ES	
8,800.00	7,042.03	7,162.06	7,059.40	61.74	28.00	90.85	162.89	-2,439.96	1,004.65	918.51	86.14	11.663		
8,900.00	7,041.58	7,161.64	7,058.98	64.53	28.00	90.83	162.90	-2,439.96	1,022.33	934.37	87.96	11.623	SF	
9,000.00	7,041.12	7,161.22	7,058.56	67.34	28.00	90.80	162.90	-2,439.96	1,049.28	960.13	89.15	11.770		
9,100.00	7,040.66	7,160.80	7,058.14	70.15	28.00	90.78	162.91	-2,439.96	1,084.81	995.05	89.76	12.085		
9,200.00	7,040.20	7,160.38	7,057.72	72.98	28.00	90.75	162.91	-2,439.96	1,128.11	1,038.23	89.88	12.551		
9,300.00	7,039.75	7,159.97	7,057.30	75.83	28.00	90.73	162.92	-2,439.96	1,178.33	1,088.73	89.60	13.150		

Offset Design												5N-67W-12 Offsets - DETIENNE 24-12 - Noble Energy PR Well - Actual Strata Surveys	Offset Site Error:	0.00 usft
Survey Program:												96-SRC Energy_ISCWSA REV 2 MWD	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning			
Measured Depth (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	
7,600.00	7,047.53	7,137.39	7,046.73	31.13	26.60	-90.81	-1,001.53	-2,491.28	1,140.29	1,098.71	41.58	27.426		
7,700.00	7,047.07	7,137.52	7,046.86	33.28	26.60	-90.85	-1,001.53	-2,491.28	1,041.48	1,000.10	41.38	25.167		
7,800.00	7,046.61	7,137.64	7,046.98	35.55	26.60	-90.89	-1,001.52	-2,491.28	942.93	901.74	41.19	22.893		
7,900.00	7,046.15	7,137.77	7,047.11	37.92	26.60	-90.94	-1,001.52	-2,491.28	844.72	803.70	41.01	20.596		
8,000.00	7,045.70	7,137.89	7,047.23	40.38	26.60	-90.98	-1,001.52	-2,491.28	746.98	706.08	40.90	18.264		
8,100.00	7,045.24	7,138.02	7,047.36	42.91	26.60	-91.02	-1,001.52	-2,491.28	649.93	609.00	40.93	15.881		
8,200.00	7,044.78	7,138.14	7,047.48	45.49	26.60	-91.06	-1,001.51	-2,491.28	553.93	512.65	41.28	13.420		
8,300.00	7,044.32	7,138.27	7,047.61	48.12	26.60	-91.11	-1,001.51	-2,491.28	459.64	417.31	42.33	10.858		
8,400.00	7,043.87	7,138.39	7,047.73	50.79	26.60	-91.15	-1,001.51	-2,491.28	368.37	323.43	44.94	8.197		
8,500.00	7,043.41	7,138.52	7,047.86	53.49	26.60	-91.19	-1,001.50	-2,491.28	283.07	232.21	50.86	5.566		
8,600.00	7,042.95	7,138.65	7,047.99	56.22	26.60	-91.24	-1,001.50	-2,491.28	211.08	147.98	63.11	3.345		
8,700.00	7,042.49	7,138.77	7,048.11	58.97	26.60	-91.28	-1,001.50	-2,491.28	170.25	89.39	80.86	2.105		
8,727.85	7,042.36	7,138.81	7,048.15	59.74	26.60	-91.29	-1,001.50	-2,491.29	167.96	83.45	84.51	1.988	CC, ES, SF	
8,800.00	7,042.03	7,138.90	7,048.24	61.74	26.60	-91.32	-1,001.50	-2,491.29	182.80	96.28	86.52	2.113		
8,900.00	7,041.58	7,139.02	7,048.36	64.53	26.60	-91.36	-1,001.49	-2,491.29	240.51	161.84	78.67	3.057		
9,000.00	7,041.12	7,139.15	7,048.49	67.34	26.60	-91.41	-1,001.49	-2,491.29	319.80	249.19	70.61	4.529		
9,100.00	7,040.66	7,139.28	7,048.61	70.15	26.60	-91.45	-1,001.49	-2,491.29	408.29	343.26	65.03	6.278		
9,200.00	7,040.20	7,139.40	7,048.74	72.98	26.60	-91.49	-1,001.48	-2,491.29	501.13	439.85	61.28	8.178		
9,300.00	7,039.75	7,139.53	7,048.87	75.83	26.60	-91.54	-1,001.48	-2,491.29	596.29	537.61	58.68	10.162		
9,400.00	7,039.29	7,139.65	7,048.99	78.67	26.60	-91.58	-1,001.48	-2,491.29	692.81	636.00	56.81	12.195		
9,500.00	7,038.83	7,139.78	7,049.12	81.53	26.60	-91.62	-1,001.48	-2,491.29	790.20	734.78	55.42	14.258		
9,600.00	7,038.37	7,139.91	7,049.24	84.40	26.60	-91.66	-1,001.47	-2,491.29	888.17	833.81	54.36	16.338		
9,700.00	7,037.91	7,140.03	7,049.37	87.27	26.60	-91.71	-1,001.47	-2,491.29	986.55	933.02	53.53	18.429		
9,800.00	7,037.46	7,140.16	7,049.50	90.15	26.60	-91.75	-1,001.47	-2,491.29	1,085.22	1,032.35	52.87	20.526		
9,900.00	7,037.00	7,140.28	7,049.62	93.03	26.60	-91.79	-1,001.46	-2,491.29	1,184.12	1,131.78	52.34	22.625		

Offset Design												5N-67W-12 Offsets - SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_2° CONE_2.448, 779-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		
8,800.00	7,042.03	7,171.38	7,106.87	61.74	31.68	-92.56	-1,892.23	-3,081.60	1,178.84	1,095.75	83.10	14.186		
8,900.00	7,041.58	7,168.75	7,104.24	64.53	31.67	-92.42	-1,892.31	-3,081.65	1,138.07	1,050.02	88.05	12.925		
9,000.00	7,041.12	7,166.10	7,101.59	67.34	31.67	-92.28	-1,892.40	-3,081.71	1,104.87	1,011.82	93.05	11.874		
9,100.00	7,040.66	7,163.43	7,098.93	70.15	31.67	-92.13	-1,892.48	-3,081.76	1,079.93	982.00	97.93	11.027		
9,200.00	7,040.20	7,160.74	7,096.24	72.98	31.66	-91.98	-1,892.57	-3,081.82	1,063.84	961.31	102.52	10.377		
9,300.00	7,039.75	7,158.03	7,093.53	75.83	31.66	-91.84	-1,892.65	-3,081.88	1,056.99	950.34	106.65	9.911		
9,322.62	7,039.64	7,157.41	7,092.91	76.47	31.66	-91.80	-1,892.67	-3,081.89	1,056.75	949.24	107.51	9.829	CC, ES	
9,400.00	7,039.29	7,155.30	7,090.80	78.67	31.66	-91.69	-1,892.74	-3,081.93	1,059.58	949.40	110.18	9.617		
9,500.00	7,038.83	7,152.55	7,088.05	81.53	31.66	-91.54	-1,892.82	-3,081.99	1,071.52	958.52	113.00	9.482	SF	
9,600.00	7,038.37	7,149.78	7,085.29	84.40	31.65	-91.39	-1,892.91	-3,082.05	1,092.52	977.44	115.09	9.493		
9,700.00	7,037.91	7,146.99	7,082.50	87.27	31.65	-91.24	-1,893.00	-3,082.11	1,122.07	1,005.61	116.46	9.635		
9,800.00	7,037.46	7,144.17	7,079.69	90.15	31.65	-91.09	-1,893.09	-3,082.17	1,159.50	1,042.31	117.19	9.894		

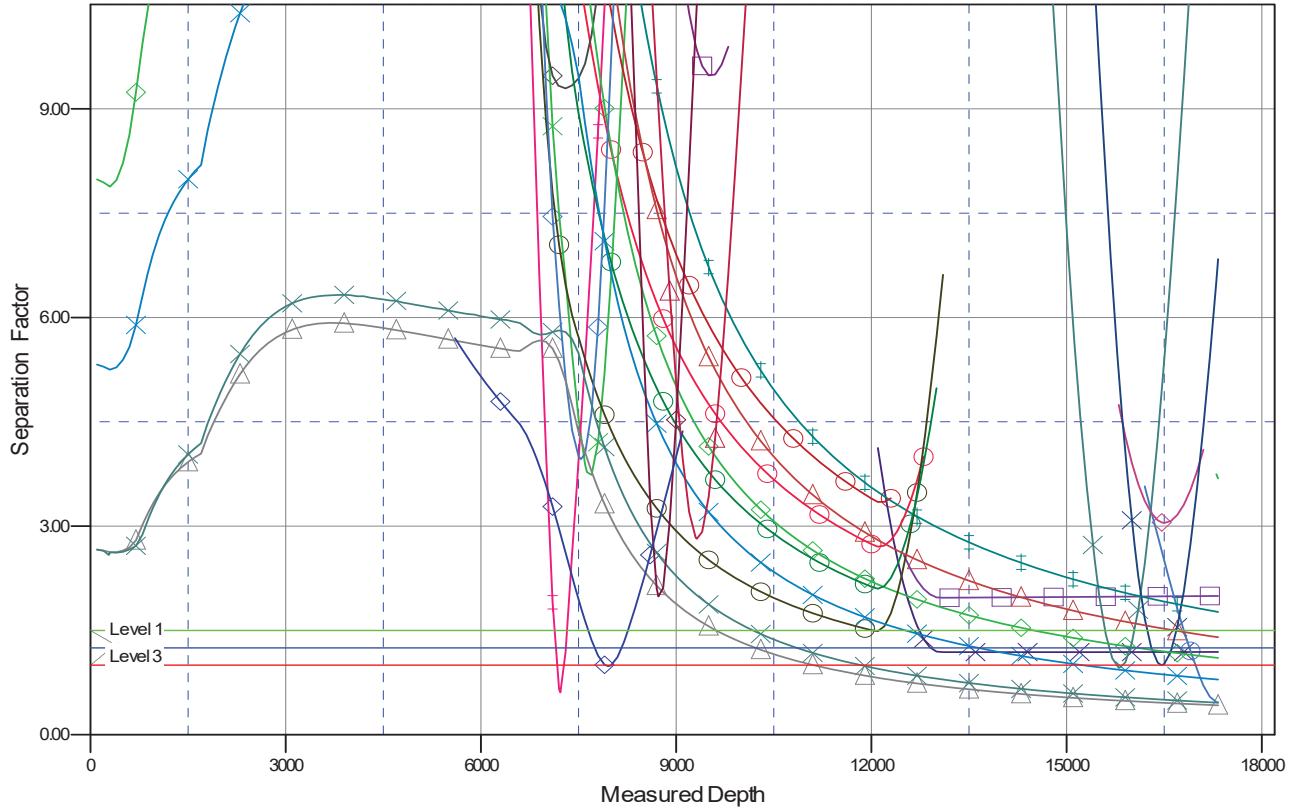
Offset Design													5N-67W-12 Offsets - SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy Surveys	Offset Site Error:	0.00 usft
Survey Program:													100-SRC Energy_2° CONE_2.448, 840-SRC Energy_ISCWSA REV 2 MWD	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning				
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
8,200.00	7,044.78	7,193.57	7,054.16	45.49	39.46	88.99	-525.47	-3,083.85	1,160.61	1,096.23	64.38	18.028			
8,300.00	7,044.32	7,194.10	7,054.70	48.12	39.46	89.09	-525.47	-3,083.86	1,064.61	999.18	65.43	16.271			
8,400.00	7,043.87	7,194.63	7,055.22	50.79	39.46	89.18	-525.47	-3,083.86	969.41	902.67	66.74	14.525			
8,500.00	7,043.41	7,195.14	7,055.74	53.49	39.46	89.28	-525.47	-3,083.87	875.28	806.88	68.41	12.795			
8,600.00	7,042.95	7,195.64	7,056.24	56.22	39.46	89.37	-525.47	-3,083.87	782.61	712.07	70.54	11.094			
8,700.00	7,042.49	7,196.14	7,056.74	58.97	39.46	89.46	-525.47	-3,083.88	691.99	618.68	73.31	9.439			
8,800.00	7,042.03	7,196.62	7,057.22	61.74	39.46	89.55	-525.47	-3,083.88	604.33	527.39	76.94	7.855			
8,900.00	7,041.58	7,197.10	7,057.70	64.53	39.46	89.64	-525.47	-3,083.89	521.13	439.41	81.72	6.377			
9,000.00	7,041.12	7,197.57	7,058.16	67.34	39.46	89.72	-525.47	-3,083.89	444.91	356.97	87.94	5.059			
9,100.00	7,040.66	7,198.02	7,058.62	70.15	39.46	89.81	-525.47	-3,083.89	379.87	284.23	95.64	3.972			
9,200.00	7,040.20	7,198.47	7,059.07	72.98	39.46	89.89	-525.47	-3,083.90	332.67	228.79	103.88	3.202			
9,300.00	7,039.75	7,198.91	7,059.51	75.83	39.46	89.97	-525.47	-3,083.90	311.49	201.66	109.83	2.836			
9,318.19	7,039.66	7,198.99	7,059.59	76.34	39.46	89.99	-525.47	-3,083.90	310.96	200.59	110.38	2.817	CC, ES, SF		
9,400.00	7,039.29	7,199.34	7,059.94	78.67	39.47	90.05	-525.47	-3,083.91	321.54	211.32	110.22	2.917			
9,500.00	7,038.83	7,199.77	7,060.37	81.53	39.47	90.13	-525.47	-3,083.91	360.21	254.85	105.36	3.419			
9,600.00	7,038.37	7,200.19	7,060.78	84.40	39.47	90.21	-525.47	-3,083.91	419.66	321.18	98.48	4.261			
9,700.00	7,037.91	7,200.59	7,061.19	87.27	39.47	90.28	-525.47	-3,083.92	492.42	400.48	91.94	5.356			
9,800.00	7,037.46	7,201.00	7,061.59	90.15	39.47	90.36	-525.47	-3,083.92	573.44	486.93	86.51	6.629			
9,900.00	7,037.00	7,201.40	7,062.00	93.03	39.47	90.43	-525.47	-3,083.92	659.69	577.49	82.20	8.025			
10,000.00	7,036.54	7,201.81	7,062.41	95.92	39.47	90.51	-525.47	-3,083.93	749.37	670.54	78.83	9.506			
10,100.00	7,036.08	7,202.21	7,062.81	98.81	39.47	90.58	-525.47	-3,083.93	841.38	765.19	76.19	11.044			
10,200.00	7,035.63	7,202.61	7,063.21	101.71	39.47	90.65	-525.47	-3,083.94	935.03	860.93	74.09	12.620			
10,300.00	7,035.17	7,203.01	7,063.61	104.61	39.47	90.73	-525.47	-3,083.94	1,029.87	957.45	72.42	14.221			
10,400.00	7,034.71	7,203.41	7,064.01	107.51	39.47	90.80	-525.47	-3,083.94	1,125.61	1,054.54	71.07	15.838			

Offset Design												5N-67W-12 Offsets - SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy Surveys	Offset Site Error:	0.00 usft
Survey Program:												100-SRC Energy_2° CONE_2.448, 837-SRC Energy_ISCWSA REV 2 MWD	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,500.00	7,047.98	7,182.47	7,076.94	29.15	36.24	-90.62	-1,869.69	-1,779.11	1,162.32	1,101.98	60.34	19.262		
7,600.00	7,047.53	7,182.56	7,077.03	31.13	36.24	-90.63	-1,869.69	-1,779.11	1,121.17	1,058.10	63.08	17.775		
7,700.00	7,047.07	7,182.65	7,077.13	33.28	36.24	-90.63	-1,869.69	-1,779.11	1,087.69	1,021.54	66.14	16.445		
7,800.00	7,046.61	7,182.75	7,077.22	35.55	36.24	-90.64	-1,869.69	-1,779.11	1,062.59	993.19	69.40	15.312		
7,900.00	7,046.15	7,182.84	7,077.32	37.92	36.24	-90.65	-1,869.69	-1,779.11	1,046.48	973.80	72.68	14.398		
8,000.00	7,045.70	7,182.94	7,077.42	40.38	36.24	-90.65	-1,869.69	-1,779.12	1,039.79	963.95	75.84	13.711		
8,019.84	7,045.61	7,182.96	7,077.44	40.88	36.24	-90.65	-1,869.68	-1,779.12	1,039.60	963.16	76.44	13.600	CC, ES	
8,100.00	7,045.24	7,183.04	7,077.52	42.91	36.24	-90.66	-1,869.68	-1,779.12	1,042.68	963.95	78.73	13.244		
8,200.00	7,044.78	7,183.15	7,077.62	45.49	36.24	-90.66	-1,869.68	-1,779.12	1,055.09	973.83	81.27	12.983		
8,300.00	7,044.32	7,183.25	7,077.72	48.12	36.24	-90.67	-1,869.68	-1,779.12	1,076.69	993.30	83.39	12.912	SF	
8,400.00	7,043.87	7,183.36	7,077.83	50.79	36.24	-90.67	-1,869.68	-1,779.12	1,106.93	1,021.85	85.08	13.010		
8,500.00	7,043.41	7,183.46	7,077.94	53.49	36.24	-90.68	-1,869.68	-1,779.12	1,145.13	1,058.76	86.37	13.259		
8,600.00	7,042.95	7,183.57	7,078.05	56.22	36.24	-90.69	-1,869.68	-1,779.12	1,190.53	1,103.23	87.30	13.638		

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

Coordinates are relative to: BOST FARM 32N-11C-L
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.43°

Separation Factor Plot



LEGEND

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| <ul style="list-style-type: none"> Point_LLC10G-232KerrMcGee Flinned Well Planned Ensign Diagonal SurveysV0 Point_LLC10G-302KerrMcGee Flinned Well Planned Ensign Diagonal SurveysV0 27-466, Noble Energy PR Well Actual VES SurveysV0 3LEB1N7-6, Noble Energy PR Well Actual VES SurveysV0 _JF_2, Noble Energy AD Well Actual VES SurveysV0 3LEB1N7-3, Noble Energy PR Well Actual VES SurveysV0 27-586, Noble Energy PR Well Actual VES SurveysV0 VAY-#1, Noble Energy PR Well, No SurveysV0 ryFederal31-11, Noble Energy PR Well Actual Strata SurveysV0 VAY-#1 Planned Syst Need Actual Noble Energy PR Well (Surveys Needed), Planned MWD Surveys (No Headers)V0 VAY-#8-11, Noble Energy PR Well Actual Strata SurveysV0 VAY-211, Noble Energy PR Well Actual Strata SurveysV0 FFARM1N11C1L, Wellbore #1, Design #1 V0 FFARM1N2N12CM, Wellbore #1, Design #1 V0 FFARM30N11C1L, Wellbore #1, Design #1 V0 FFARM26N8BL, Wellbore #1, Design #1 V0 | <ul style="list-style-type: none"> BOST FARM1N8CL, Wellbore #1, Design #1 V0 BOST FARM11C8-L, Wellbore #1, Design #1 V0 BOST FARM10C8-L, Wellbore #1, Design #1 V0 BOST FARM1N8BL, Wellbore #1, Design #1 V0 BOST FARM30N11B-L, Wellbore #1, Design #1 V0 BOST FARM1N8BL, Wellbore #1, Design #1 V0 BOST FARM1N8CL, Wellbore #1, Design #1 V0 BOST FARM1N12B-M, Wellbore #1, Design #1 V0 BOST FARM1C11-L2, Wellbore #1, Design #1 V0 BOST FARM1C11-L, Wellbore #1, Design #1 V0 BOST FARM1N8A-L, Wellbore #1, Design #1 V0 BOST FARM1N8CL, Wellbore #1, Design #1 V0 BOST FARM10C8-L2, Wellbore #1, Design #1 V0 BOST FARM2N12B-M, Wellbore #1, Design #1 V0 BOST FARM3C12-M, Wellbore #1, Design #1 V0 BOST FARM3C8-L, Wellbore #1, Design #1 V0 | <ul style="list-style-type: none"> BOST FARM5N11AL, Wellbore #1, Design #1 V0 BOST FARM26C8-L, Wellbore #1, Design #1 V0 BOST FARM6C11-L, Wellbore #1, Design #1 V0 BOST FARM1C11-L, Wellbore #1, Design #1 V0 BOST FARM1N11B-L, Wellbore #1, Design #1 V0 BOST FARM1N8BL, Wellbore #1, Design #1 V0 BOST FARM1N8CL, Wellbore #1, Design #1 V0 BOST FARM3N11B-L, Wellbore #1, Design #1 V0 BOST FARM3N8BL, Wellbore #1, Design #1 V0 BOST FARM2C11-L, Wellbore #1, Design #1 V0 DETENNE17-12, Noble Energy PR Well Actual Strata SurveysV0 SHEEP7-12, SRC Energy PR Well Actual MS Energy SurveysV0 SHEEP9-12, SRC Energy PR Well Actual MS Energy SurveysV0 SHEEP10-12, SRC Energy PR Well Actual MS Energy SurveysV0 DETENNE24-12, Noble Energy PR Well Actual Strata SurveysV0 BORESEN1, Noble Energy PR Well, No SurveysV0 |
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