

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
5N-66W-07 BOST FARM 5-7 PAD
BOST FARM 1N-8B-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	17,486.62	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						Out of range
BOST FARM 12N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 13C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 13N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 16C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 16N-8A-L - Wellbore #1 - Design #1						Out of range
BOST FARM 16N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	277.75	277.66	19.92	12.28	2.610	CC
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	17,486.62	17,593.78	328.46	-282.53	0.538	Level 1, ES, SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	274.67	274.50	39.96	32.33	5.239	CC
BOST FARM 26C-8-L - Wellbore #1 - Design #1	17,486.62	17,709.25	574.95	-20.88	0.965	Level 1, ES, SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	270.53	270.28	60.00	52.38	7.870	CC, ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	17,486.62	17,580.20	768.94	143.14	1.229	Level 2, SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	200.00	203.00	189.72	182.15	25.064	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	7,500.00	7,171.61	643.52	588.78	11.757	SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	203.00	184.24	176.67	24.340	CC, ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	7,594.44	7,114.05	422.45	368.15	7.779	SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	203.00	196.86	189.29	26.007	CC, ES
BOST FARM 31C-11-L - Wellbore #1 - Design #1	8,000.00	6,880.96	919.48	862.27	16.070	SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	203.00	189.47	181.90	25.031	CC
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	300.00	300.10	189.52	181.87	24.768	ES
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	7,100.00	7,452.23	684.13	628.71	12.345	SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	559.87	576.61	183.38	175.33	22.794	CC, ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	7,600.00	7,076.03	464.80	411.38	8.700	SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	203.00	240.83	233.26	31.815	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	300.00	296.37	241.30	233.65	31.544	SF
BOST FARM 32C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	200.00	203.00	227.89	220.32	30.106	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	400.00	397.15	231.56	223.79	29.812	SF
BOST FARM 32N-12B-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12A-M - Wellbore #1 - Design #1						Out of range
BOST FARM 33N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34C-12-M - Wellbore #1 - Design #1						Out of range
BOST FARM 34N-12C-M - Wellbore #1 - Design #1						Out of range
BOST FARM 38C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 38N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 39N-8C-L - Wellbore #1 - Design #1						Out of range
BOST FARM 40C-8-L - Wellbore #1 - Design #1	200.00	201.00	159.95	152.38	21.132	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	300.00	297.51	160.32	152.67	20.956	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	200.00	201.00	139.89	132.33	18.483	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	300.00	297.87	140.24	132.59	18.330	SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 41C-8-L - Wellbore #1 - Design #1	200.00	200.00	40.07	32.51	5.295	CC
BOST FARM 41C-8-L - Wellbore #1 - Design #1	17,486.62	17,633.76	392.59	-177.66	0.688	Level 1, ES, SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	200.00	200.00	79.79	72.22	10.542	CC, ES
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	17,486.62	17,314.11	813.91	195.63	1.316	Level 3, SF

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation Factor	Warning
			Between Centres (usft)	Between Ellipses (usft)		
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	200.00	200.00	59.75	52.18	7.895	CC
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	17,486.62	17,450.02	579.36	-45.43	0.927	Level 1, ES, SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	200.00	200.00	20.04	12.47	2.648	CC
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	17,486.62	17,551.39	142.27	-426.08	0.250	Level 1, ES, SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	203.00	181.10	173.53	23.925	CC
BOST FARM 4C-11-L - Wellbore #1 - Design #1	7,672.85	7,085.92	195.31	141.00	3.596	ES, SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	203.00	181.15	173.58	23.931	CC
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	578.14	595.30	181.28	173.19	22.417	ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	7,700.00	7,056.49	232.95	178.74	4.297	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	7,348.60	7,256.64	95.85	41.77	1.772	CC, ES, SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	203.00	216.26	208.69	28.570	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	400.00	399.36	219.26	211.49	28.224	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	203.00	205.70	198.13	27.175	CC, ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	6,900.00	7,474.71	1,120.18	1,062.36	19.375	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.837	CC, ES
BOST FARM 8C-8-L - Wellbore #1 - Design #1	300.00	299.21	120.18	112.53	15.706	SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	200.00	200.00	99.82	92.25	13.189	CC, ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	17,486.62	17,531.27	1,029.05	404.93	1.649	SF
BOST FARM 9C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8C-L - Wellbore #1 - Design #1						Out of range
5N-66W-07 Offsets						
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-13 - SRC Energy SI Well - No Surveys						Out of range
ARIEL J 7-14 - Noble Energy SI Well - Actual VES Surve						Out of range
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	8,961.05	6,974.81	251.60	171.56	3.143	CC, ES, SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	212.99	188.20	1,129.99	1,122.60	152.869	CC
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	9,300.00	7,298.08	1,144.42	1,054.31	12.700	ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	9,500.00	7,289.09	1,164.77	1,070.06	12.299	SF
SAMUEL J 7-10 - SRC Energy SI Well - Actual VES Surv						Out of range
SAMUEL J 7-15 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-16 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-23 - Noble Energy SI Well - Actual VES Su						Out of range
SAMUEL J 7-9 - Noble Energy SI Well - Actual VES Surv						Out of range
STEPHENS 7-11 - SRC Energy PR Well - Actual VES Su	12,051.09	7,002.56	210.21	41.95	1.249	Level 2, CC, ES, SF
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,413.90	6,989.51	161.42	40.56	1.336	Level 3, CC, ES, SF
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su	10,503.02	7,011.42	849.95	726.41	6.880	CC, ES
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su	10,600.00	7,008.09	855.45	729.82	6.809	SF
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su	11,727.34	6,991.67	982.33	823.45	6.183	CC, ES
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su	11,800.00	6,993.11	985.02	824.40	6.133	SF
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su	11,333.89	7,059.32	519.06	371.22	3.511	CC, ES, SF
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	7,898.86	6,968.91	89.45	35.90	1.670	CC
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	7,900.00	6,968.97	89.46	35.86	1.669	ES, SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	1,421.60	1,381.59	581.14	570.03	52.306	CC
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	1,500.00	1,458.03	581.45	569.90	50.351	ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	8,200.00	6,956.24	969.64	909.81	16.207	SF

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)		Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-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	17,365.04	7,066.29	1,128.83	570.63	2.022	CC
MOEN J 8-8 - SRC Energy SI Well - No Surveys	17,400.00	7,067.07	1,129.37	570.27	2.020	ES, SF
MOEN J 8-9 - SRC Energy SI Well - No Surveys						Out of range
TC AIMS 1-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 2-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 3-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 4-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS C4-9-11 - Extraction PR Well (Plan Only) - Plan						Out of range
TC AIMS C5-9-11 - Extraction PR Well (Plan Only) - Plan						Out of range
TC COUNTRY CLUB WEST 1-9-11 - Extraction PR Well	17,486.62	7,200.00	516.00	404.13	4.613	CC, ES, SF
TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well	17,486.62	7,100.00	560.81	389.89	3.281	CC, ES, SF
TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well	17,486.62	7,124.25	749.27	482.92	2.813	CC, ES, SF
TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well	17,486.62	7,100.00	1,009.86	704.86	3.311	CC, ES, SF
TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST A2-9-11 - Extraction PR We	17,486.62	7,140.95	644.07	414.30	2.803	CC, ES, SF
TC COUNTRY CLUB WEST C1-9-11 - Extraction PR We	17,486.62	7,261.42	469.31	281.70	2.501	CC, ES, SF
TC COUNTRY CLUB WEST C3-9-11 - Extraction PR We	17,486.62	7,138.22	1,109.99	787.05	3.437	CC, ES, SF
TC HILAND KNOLLS 1-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 2-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 3-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 4-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS C6-9-11 - Extraction PR Well (Plan						Out of range
TC HILAND KNOLLS C7-9-11 - Extraction PR Well (Plan						Out of range
TC MOISER HILL 2-9-11 - Extraction PR Well (Plan Only	17,486.62	7,200.00	882.79	598.72	3.108	CC, ES, SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only	17,486.62	7,218.91	636.61	410.59	2.817	CC, ES, SF
WHITE 8-1 - Extraction PR Well - No Surveys	13,671.30	7,049.99	190.72	-257.97	0.425	Level 1, CC, ES, SF
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,697.15	7,261.71	78.52	-166.48	0.320	Level 1, CC, ES, SF
WIEDEMAN 8-11H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-12H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S						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	7,449.94	7,080.69	777.78	725.48	14.871	CC, ES
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann	7,500.00	7,056.48	779.23	726.65	14.820	SF
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range
5N-67W-02 Offsets Incomplete						
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys						Out of range
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys						Out of range
5N-67W-10 Offsets Incomplete						
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P						Out of range

Summary

Site Name	Reference	Offset	Distance		Separation	Warning				
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)						
Offset Well - Wellbore - Design										
5N-67W-11 Offsets Need Directional Surveys										
ARTIST 11-12 - SRC Energy SI Well - No Surveys						Out of range				
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S						Out of range				
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S						Out of range				
SKYWAY 3-11 Approximation - Noble Energy PR Well - *						Out of range				
SKYWAY 4-11 - Noble Energy PR Well - No Surveys						Out of range				
SKYWAY 5-11 - Noble Energy PR Well - No Surveys						Out of range				
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene						Out of range				
Skyway Federal 31-11 - Noble Energy PR Well - Actual S						Out of range				
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys						Out of range				
UPRR 49 PAN AM B 1 - SRC Energy PR Well - No Surve						Out of range				
5N-67W-12 Offsets										
BORESEN 1 - Noble Energy PR Well - No Surveys					5,248.08	5,076.83	1,187.59	989.00	5.980	CC
BORESEN 1 - Noble Energy PR Well - No Surveys					5,900.00	5,706.39	1,199.59	975.63	5.356	ES, SF
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys					6,572.13	6,539.60	187.96	140.81	3.986	CC, ES
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys					6,600.00	6,567.66	188.45	141.13	3.983	SF
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata					6,497.68	6,398.74	983.21	933.78	19.890	CC
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata					6,500.00	6,401.03	983.22	933.77	19.886	ES
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata					6,600.00	6,500.92	990.25	940.43	19.878	SF
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata										Out of range
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energ										Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima										Out of range

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	0.00	20.03	0.00	20.03				
100.00	100.00	100.00	100.00	3.28	3.28	0.00	20.03	0.00	20.03	12.51	7.53	2.661	
200.00	200.00	200.00	200.00	3.30	3.30	0.00	20.03	0.00	20.03	12.46	7.57	2.647	
277.75	277.75	277.66	277.66	3.33	3.33	70.48	20.10	-0.12	19.92	12.28	7.63	2.610	CC
300.00	300.00	299.83	299.83	3.34	3.35	69.48	20.24	-0.38	20.09	12.44	7.65	2.625	
400.00	399.93	399.49	399.42	3.41	3.41	70.10	21.93	-3.41	20.56	12.78	7.78	2.643	
500.00	499.68	499.14	498.83	3.50	3.50	71.26	25.30	-9.46	21.49	13.55	7.95	2.705	
600.00	599.13	598.79	597.93	3.61	3.61	72.82	30.35	-18.53	22.91	14.74	8.17	2.805	
700.00	698.15	698.42	696.59	3.75	3.75	74.62	37.07	-30.60	24.82	16.37	8.45	2.938	
800.00	796.63	798.04	794.70	3.93	3.93	76.50	45.45	-45.66	27.24	18.43	8.81	3.093	
900.00	894.44	897.64	892.13	4.16	4.15	78.35	55.48	-63.69	30.16	20.91	9.25	3.261	
1,000.00	991.46	997.21	988.77	4.44	4.42	80.08	67.16	-84.66	33.60	23.80	9.80	3.430	
1,100.00	1,088.03	1,096.95	1,084.80	4.76	4.75	79.93	80.26	-108.20	37.67	27.23	10.43	3.610	
1,200.00	1,184.60	1,203.14	1,180.89	5.11	5.13	79.29	93.57	-132.12	41.87	30.70	11.16	3.751	
1,300.00	1,281.17	1,296.77	1,276.97	5.49	5.50	78.77	106.88	-156.04	46.07	34.17	11.89	3.873	
1,400.00	1,377.74	1,396.68	1,373.06	5.89	5.91	78.34	120.19	-179.95	50.27	37.59	12.69	3.962	
1,500.00	1,474.31	1,496.59	1,469.15	6.31	6.34	77.97	133.50	-203.87	54.48	40.97	13.51	4.031	
1,600.00	1,570.88	1,603.50	1,565.24	6.73	6.82	77.65	146.82	-227.79	58.69	44.30	14.40	4.077	
1,700.00	1,667.45	1,703.58	1,661.33	7.17	7.27	77.38	160.13	-251.70	62.90	47.64	15.26	4.121	
1,800.00	1,764.02	1,803.67	1,757.42	7.42	7.52	77.14	173.44	-275.62	67.12	51.75	15.37	4.367	
1,900.00	1,860.59	1,903.76	1,853.50	7.50	7.60	76.93	186.75	-299.54	71.33	55.82	15.51	4.598	
2,000.00	1,957.16	2,003.85	1,949.59	7.60	7.72	76.75	200.06	-323.45	75.55	59.82	15.72	4.804	
2,100.00	2,053.73	2,103.94	2,045.68	7.75	7.87	76.58	213.38	-347.37	79.76	63.76	16.00	4.984	
2,200.00	2,150.30	2,195.97	2,141.77	7.92	8.04	76.43	226.69	-371.28	83.98	67.65	16.33	5.144	
2,300.00	2,246.87	2,295.88	2,237.86	8.12	8.25	76.29	240.00	-395.20	88.19	71.47	16.72	5.275	
2,400.00	2,343.44	2,404.21	2,333.95	8.34	8.51	76.17	253.31	-419.12	92.41	75.22	17.19	5.377	
2,500.00	2,440.01	2,504.30	2,430.04	8.60	8.78	76.06	266.62	-443.03	96.63	78.94	17.68	5.464	
2,600.00	2,536.58	2,604.39	2,526.12	8.87	9.07	75.95	279.93	-466.95	100.84	82.62	18.23	5.533	
2,700.00	2,633.15	2,695.52	2,622.21	9.16	9.35	75.86	293.25	-490.87	105.06	86.28	18.78	5.594	
2,800.00	2,729.72	2,804.57	2,718.30	9.47	9.71	75.77	306.56	-514.78	109.28	89.85	19.43	5.625	
2,900.00	2,826.29	2,895.35	2,814.39	9.80	10.02	75.69	319.87	-538.70	113.50	93.45	20.05	5.661	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
3,000.00	2,922.86	3,004.74	2,910.48	10.15	10.42	75.61	333.18	-562.62	117.72	96.95	20.76	5.669	
3,100.00	3,019.43	3,104.83	3,006.57	10.50	10.80	75.54	346.49	-586.53	121.94	100.46	21.47	5.678	
3,200.00	3,116.00	3,204.92	3,102.65	10.87	11.18	75.48	359.80	-610.45	126.16	103.95	22.21	5.680	
3,300.00	3,212.57	3,294.99	3,198.74	11.25	11.54	75.42	373.12	-634.37	130.38	107.45	22.93	5.687	
3,400.00	3,309.14	3,394.90	3,294.83	11.65	11.95	75.36	386.43	-658.28	134.59	110.89	23.70	5.679	
3,500.00	3,405.71	3,505.19	3,390.92	12.04	12.41	75.30	399.74	-682.20	138.81	114.28	24.54	5.658	
3,600.00	3,502.28	3,594.72	3,487.01	12.45	12.80	75.25	413.05	-706.12	143.03	117.73	25.30	5.653	
3,700.00	3,598.85	3,705.37	3,583.10	12.87	13.28	75.21	426.36	-730.03	147.25	121.08	26.17	5.627	
3,800.00	3,695.42	3,805.46	3,679.18	13.29	13.72	75.16	439.67	-753.95	151.47	124.46	27.01	5.608	
3,900.00	3,791.99	3,894.45	3,775.27	13.72	14.12	75.12	452.99	-777.86	155.69	127.88	27.81	5.598	
4,000.00	3,888.56	3,994.36	3,871.36	14.15	14.57	75.08	466.30	-801.78	159.91	131.24	28.67	5.578	
4,100.00	3,985.13	4,105.72	3,967.45	14.59	15.08	75.04	479.61	-825.70	164.13	134.54	29.59	5.547	
4,200.00	4,081.70	4,205.81	4,063.54	15.03	15.54	75.00	492.92	-849.61	168.35	137.88	30.47	5.525	
4,300.00	4,178.27	4,294.10	4,159.63	15.48	15.95	74.97	506.23	-873.53	172.57	141.27	31.30	5.513	
4,400.00	4,274.84	4,394.01	4,255.72	15.93	16.42	74.94	519.54	-897.45	176.79	144.59	32.20	5.491	
4,500.00	4,371.41	4,506.08	4,351.80	16.38	16.95	74.90	532.86	-921.36	181.01	147.86	33.16	5.459	
4,600.00	4,467.98	4,606.17	4,447.89	16.84	17.43	74.87	546.17	-945.28	185.23	151.17	34.07	5.438	
4,700.00	4,564.55	4,693.74	4,543.98	17.30	17.85	74.85	559.48	-969.20	189.45	154.53	34.92	5.425	
4,800.00	4,661.12	4,793.65	4,640.07	17.76	18.33	74.82	572.79	-993.11	193.67	157.83	35.84	5.404	
4,900.00	4,757.69	4,906.44	4,736.16	18.23	18.88	74.79	586.10	-1,017.03	197.90	161.07	36.83	5.374	
5,000.00	4,854.26	5,006.53	4,832.25	18.70	19.37	74.77	599.42	-1,040.95	202.12	164.36	37.76	5.353	
5,100.00	4,950.83	5,106.62	4,928.33	19.17	19.86	74.74	612.73	-1,064.86	206.34	167.65	38.69	5.333	
5,200.00	5,047.40	5,206.71	5,024.42	19.64	20.35	74.72	626.04	-1,088.78	210.56	170.93	39.63	5.313	
5,300.00	5,143.97	5,306.79	5,120.51	20.11	20.85	74.70	639.35	-1,112.70	214.78	174.21	40.57	5.294	
5,400.00	5,240.54	5,406.88	5,216.60	20.59	21.34	74.68	652.66	-1,136.61	219.00	177.48	41.52	5.275	
5,500.00	5,337.11	5,506.97	5,312.69	21.07	21.84	74.65	665.97	-1,160.53	223.22	180.75	42.46	5.257	
5,600.00	5,433.68	5,607.06	5,408.78	21.55	22.34	74.63	679.29	-1,184.44	227.44	184.02	43.42	5.239	
5,700.00	5,530.25	5,707.15	5,504.86	22.03	22.84	74.62	692.60	-1,208.36	231.66	187.29	44.37	5.221	
5,800.00	5,626.82	5,807.24	5,600.95	22.51	23.34	74.60	705.91	-1,232.28	235.88	190.55	45.33	5.204	
5,900.00	5,723.39	5,892.67	5,697.04	22.99	23.77	74.58	719.22	-1,256.19	240.10	193.89	46.22	5.195	
6,000.00	5,819.96	6,007.42	5,793.13	23.48	24.35	74.56	732.53	-1,280.11	244.32	197.07	47.25	5.171	
6,100.00	5,916.53	6,092.49	5,889.22	23.96	24.78	74.55	745.84	-1,304.03	248.54	200.40	48.14	5.163	
6,200.00	6,013.10	6,207.60	5,985.31	24.45	25.36	74.53	759.16	-1,327.94	252.76	203.59	49.18	5.140	
6,300.00	6,109.67	6,307.69	6,081.39	24.93	25.87	74.51	772.47	-1,351.86	256.99	206.84	50.15	5.125	
6,400.00	6,206.31	6,407.78	6,177.48	25.40	26.38	74.52	785.78	-1,375.78	261.18	210.09	51.09	5.113	
6,500.00	6,304.86	6,491.47	6,272.93	25.61	26.80	35.78	799.00	-1,399.53	264.67	213.32	51.35	5.154	
6,600.00	6,404.33	6,588.24	6,367.46	25.73	27.05	-47.63	812.10	-1,414.95	268.75	217.71	51.04	5.265	
6,700.00	6,502.26	6,687.85	6,466.04	25.80	27.20	-74.02	825.75	-1,415.55	274.21	223.63	50.57	5.422	
6,800.00	6,596.25	6,790.49	6,566.41	25.88	27.29	-84.20	839.64	-1,399.94	280.84	230.73	50.11	5.605	
6,900.00	6,683.99	6,896.37	6,665.96	26.01	27.37	-90.30	853.42	-1,367.01	288.33	238.54	49.79	5.791	
7,000.00	6,763.31	7,005.62	6,761.55	26.26	27.50	-94.62	866.65	-1,316.09	296.27	246.50	49.77	5.953	
7,100.00	6,832.26	7,118.23	6,849.58	26.67	27.74	-97.85	878.82	-1,247.16	304.17	253.94	50.22	6.056	
7,200.00	6,889.14	7,234.03	6,926.11	27.31	28.18	-100.25	889.40	-1,161.10	311.51	260.17	51.34	6.068	
7,300.00	6,932.56	7,352.65	6,987.18	28.20	28.92	-101.93	897.83	-1,059.97	317.80	264.53	53.27	5.965	
7,400.00	6,961.43	7,473.46	7,029.22	29.35	30.03	-102.94	903.62	-947.04	322.63	266.54	56.09	5.752	
7,500.00	6,975.06	7,595.68	7,049.50	30.72	31.48	-103.31	906.41	-826.74	325.69	266.07	59.62	5.463	
7,600.00	6,977.71	7,701.60	7,052.62	32.26	32.99	-103.26	906.81	-720.88	327.23	264.31	62.92	5.201	
7,700.00	6,979.94	7,801.59	7,054.82	33.99	34.61	-103.19	907.09	-620.91	328.67	262.33	66.34	4.954	
7,800.00	6,982.17	7,901.58	7,057.01	35.89	36.42	-103.13	907.37	-520.95	330.10	260.03	70.08	4.711	
7,900.00	6,984.40	8,001.57	7,059.20	37.94	38.39	-103.06	907.65	-420.98	331.54	257.46	74.08	4.475	
8,000.00	6,986.62	8,101.56	7,061.40	40.10	40.49	-103.00	907.93	-321.02	332.98	254.66	78.32	4.252	
8,100.00	6,988.85	8,201.55	7,063.59	42.36	42.69	-102.94	908.21	-221.06	334.42	251.68	82.75	4.042	
8,200.00	6,991.08	8,301.54	7,065.79	44.70	44.99	-102.88	908.50	-121.09	335.86	248.52	87.34	3.846	
8,300.00	6,993.31	8,401.53	7,067.98	47.12	47.37	-102.81	908.78	-21.13	337.30	245.23	92.07	3.664	
8,400.00	6,995.54	8,501.52	7,070.17	49.60	49.81	-102.75	909.06	78.84	338.74	241.82	96.92	3.495	
8,500.00	6,997.77	8,601.51	7,072.37	52.13	52.31	-102.69	909.34	178.80	340.18	238.31	101.88	3.339	
8,600.00	6,999.99	8,701.49	7,074.56	54.70	54.85	-102.63	909.62	278.77	341.63	234.71	106.92	3.195	
8,700.00	7,002.22	8,801.48	7,076.76	57.31	57.44	-102.57	909.90	378.73	343.07	231.03	112.04	3.062	
8,800.00	7,004.45	8,901.47	7,078.95	59.96	60.07	-102.51	910.18	478.70	344.51	227.28	117.23	2.939	
8,900.00	7,006.68	9,001.46	7,081.14	62.63	62.72	-102.45	910.46	578.66	345.95	223.48	122.47	2.825	
9,000.00	7,008.91	9,107.18	7,083.47	65.33	65.57	-102.44	909.40	684.34	346.12	218.15	127.97	2.705	
9,100.00	7,011.13	9,207.18	7,085.67	68.06	68.28	-102.44	907.99	784.31	345.92	212.63	133.29	2.595	
9,200.00	7,013.36	9,307.17	7,087.87	70.80	71.01	-102.45	906.58	884.27	345.71	207.06	138.65	2.493	
9,300.00	7,015.59	9,407.17	7,090.07	73.56	73.76	-102.45	905.17	984.24	345.50	201.46	144.03	2.399	
9,400.00	7,017.82	9,507.17	7,092.26	76.33	76.53	-102.45	903.76	1,084.20	345.29	195.84	149.46	2.310	
9,500.00	7,020.05	9,607.17	7,094.46	79.12	79.31	-102.45	902.35	1,184.17	345.08	190.18	154.90	2.228	

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
9,600.00	7,022.27	9,707.17	7,096.66	81.92	82.11	-102.46	900.93	1,284.14	344.88	184.50	160.38	2.150	
9,700.00	7,024.50	9,807.17	7,098.86	84.74	84.91	-102.46	899.52	1,384.10	344.67	178.80	165.87	2.078	
9,800.00	7,026.73	9,907.17	7,101.06	87.56	87.73	-102.46	898.11	1,484.07	344.46	173.07	171.39	2.010	
9,900.00	7,028.96	10,007.17	7,103.26	90.39	90.56	-102.46	896.70	1,584.03	344.25	167.33	176.92	1.946	
10,000.00	7,031.19	10,107.17	7,105.46	93.23	93.39	-102.47	895.29	1,684.00	344.04	161.57	182.47	1.885	
10,100.00	7,033.42	10,207.17	7,107.66	96.08	96.24	-102.47	893.88	1,783.96	343.83	155.80	188.03	1.829	
10,200.00	7,035.64	10,307.17	7,109.86	98.93	99.09	-102.47	892.47	1,883.93	343.63	150.01	193.61	1.775	
10,300.00	7,037.87	10,407.17	7,112.06	101.80	101.94	-102.48	891.05	1,983.90	343.42	144.22	199.20	1.724	
10,400.00	7,040.10	10,507.17	7,114.26	104.66	104.81	-102.48	889.64	2,083.86	343.21	138.40	204.81	1.676	
10,500.00	7,042.33	10,607.17	7,116.45	107.54	107.68	-102.48	888.23	2,183.83	343.00	132.58	210.42	1.630	
10,600.00	7,044.56	10,707.17	7,118.65	110.41	110.55	-102.48	886.82	2,283.79	342.79	126.75	216.04	1.587	
10,700.00	7,046.78	10,807.17	7,120.85	113.30	113.43	-102.49	885.41	2,383.76	342.59	120.91	221.67	1.545	
10,800.00	7,049.01	10,907.17	7,123.05	116.18	116.31	-102.49	884.00	2,483.72	342.38	115.06	227.32	1.506	
10,900.00	7,051.24	11,007.17	7,125.25	119.07	119.20	-102.49	882.59	2,583.69	342.17	109.21	232.96	1.469 Level 3	
11,000.00	7,053.47	11,107.17	7,127.45	121.97	122.09	-102.49	881.17	2,683.65	341.96	103.34	238.62	1.433 Level 3	
11,100.00	7,055.70	11,207.17	7,129.65	124.86	124.99	-102.50	879.76	2,783.62	341.75	97.47	244.28	1.399 Level 3	
11,200.00	7,057.93	11,307.17	7,131.85	127.76	127.88	-102.50	878.35	2,883.59	341.55	91.60	249.95	1.366 Level 3	
11,300.00	7,060.15	11,407.17	7,134.05	130.67	130.79	-102.50	876.94	2,983.55	341.34	85.71	255.62	1.335 Level 3	
11,400.00	7,062.38	11,507.17	7,136.25	133.57	133.69	-102.51	875.53	3,083.52	341.13	79.83	261.30	1.305 Level 3	
11,500.00	7,064.61	11,607.17	7,138.45	136.48	136.60	-102.51	874.12	3,183.48	340.92	73.93	266.99	1.277 Level 3	
11,600.00	7,066.84	11,707.17	7,140.64	139.39	139.50	-102.51	872.71	3,283.45	340.71	68.04	272.68	1.250 Level 2	
11,700.00	7,069.07	11,807.17	7,142.84	142.31	142.42	-102.51	871.29	3,383.41	340.50	62.14	278.37	1.223 Level 2	
11,800.00	7,071.29	11,907.17	7,145.04	145.22	145.33	-102.52	869.88	3,483.38	340.30	56.23	284.07	1.198 Level 2	
11,900.00	7,073.52	12,007.17	7,147.24	148.14	148.25	-102.52	868.47	3,583.35	340.09	50.32	289.77	1.174 Level 2	
12,000.00	7,075.75	12,107.17	7,149.44	151.06	151.16	-102.52	867.06	3,683.31	339.88	44.41	295.47	1.150 Level 2	
12,100.00	7,077.98	12,207.17	7,151.64	153.98	154.08	-102.53	865.65	3,783.28	339.67	38.49	301.18	1.128 Level 2	
12,200.00	7,080.21	12,307.17	7,153.84	156.90	157.00	-102.53	864.24	3,883.24	339.46	32.57	306.89	1.106 Level 2	
12,300.00	7,082.43	12,407.17	7,156.04	159.83	159.93	-102.53	862.83	3,983.21	339.26	26.65	312.61	1.085 Level 2	
12,400.00	7,084.66	12,507.17	7,158.24	162.75	162.85	-102.53	861.41	4,083.17	339.05	20.72	318.33	1.065 Level 2	
12,500.00	7,086.89	12,607.17	7,160.44	165.68	165.78	-102.54	860.00	4,183.14	338.84	14.79	324.05	1.046 Level 2	
12,600.00	7,089.12	12,707.17	7,162.64	168.61	168.71	-102.54	858.59	4,283.10	338.63	8.86	329.77	1.027 Level 2	
12,700.00	7,091.35	12,807.17	7,164.83	171.54	171.64	-102.54	857.18	4,383.07	338.42	2.93	335.50	1.009 Level 2	
12,800.00	7,093.58	12,907.17	7,167.03	174.47	174.57	-102.54	855.77	4,483.04	338.22	-3.01	341.22	0.991 Level 1	
12,900.00	7,095.80	13,007.17	7,169.23	177.40	177.50	-102.55	854.36	4,583.00	338.01	-8.95	346.95	0.974 Level 1	
13,000.00	7,098.03	13,107.17	7,171.43	180.34	180.43	-102.55	852.95	4,682.97	337.80	-14.89	352.69	0.958 Level 1	
13,100.00	7,100.26	13,207.17	7,173.63	183.27	183.36	-102.55	851.53	4,782.93	337.59	-20.83	358.42	0.942 Level 1	
13,200.00	7,102.49	13,307.17	7,175.83	186.21	186.30	-102.56	850.12	4,882.90	337.38	-26.77	364.16	0.926 Level 1	
13,300.00	7,104.72	13,407.17	7,178.03	189.14	189.23	-102.56	848.71	4,982.86	337.18	-32.72	369.89	0.912 Level 1	
13,400.00	7,106.94	13,507.17	7,180.23	192.08	192.17	-102.56	847.30	5,082.83	336.97	-38.67	375.63	0.897 Level 1	
13,500.00	7,109.17	13,607.17	7,182.43	195.02	195.11	-102.56	845.89	5,182.80	336.76	-44.61	381.37	0.883 Level 1	
13,600.00	7,111.40	13,707.17	7,184.63	197.96	198.05	-102.57	844.48	5,282.76	336.55	-50.57	387.12	0.869 Level 1	
13,700.00	7,113.63	13,807.17	7,186.83	200.90	200.98	-102.57	843.07	5,382.73	336.34	-56.52	392.86	0.856 Level 1	
13,800.00	7,115.86	13,907.17	7,189.02	203.84	203.92	-102.57	841.65	5,482.69	336.13	-62.47	398.61	0.843 Level 1	
13,900.00	7,118.09	14,007.16	7,191.22	206.78	206.87	-102.58	840.24	5,582.66	335.93	-68.43	404.35	0.831 Level 1	
14,000.00	7,120.31	14,107.16	7,193.42	209.72	209.81	-102.58	838.83	5,682.62	335.72	-74.38	410.10	0.819 Level 1	
14,100.00	7,122.54	14,207.16	7,195.62	212.67	212.75	-102.58	837.42	5,782.59	335.51	-80.34	415.85	0.807 Level 1	
14,200.00	7,124.77	14,307.16	7,197.82	215.61	215.69	-102.58	836.01	5,882.55	335.30	-86.30	421.60	0.795 Level 1	
14,300.00	7,127.00	14,407.16	7,200.02	218.55	218.64	-102.59	834.60	5,982.52	335.09	-92.26	427.35	0.784 Level 1	
14,400.00	7,129.23	14,507.16	7,202.22	221.50	221.58	-102.59	833.19	6,082.49	334.89	-98.22	433.10	0.773 Level 1	
14,500.00	7,131.45	14,607.16	7,204.42	224.44	224.52	-102.59	831.77	6,182.45	334.68	-104.18	438.86	0.763 Level 1	
14,600.00	7,133.68	14,707.16	7,206.62	227.39	227.47	-102.60	830.36	6,282.42	334.47	-110.14	444.61	0.752 Level 1	
14,700.00	7,135.91	14,807.16	7,208.82	230.33	230.41	-102.60	828.95	6,382.38	334.26	-116.10	450.37	0.742 Level 1	
14,800.00	7,138.14	14,907.16	7,211.02	233.28	233.36	-102.60	827.54	6,482.35	334.05	-122.07	456.12	0.732 Level 1	
14,900.00	7,140.37	15,007.16	7,213.21	236.23	236.31	-102.60	826.13	6,582.31	333.85	-128.03	461.88	0.723 Level 1	
15,000.00	7,142.59	15,107.16	7,215.41	239.18	239.26	-102.61	824.72	6,682.28	333.64	-134.00	467.64	0.713 Level 1	
15,100.00	7,144.82	15,207.16	7,217.61	242.12	242.20	-102.61	823.31	6,782.25	333.43	-139.97	473.40	0.704 Level 1	
15,200.00	7,147.05	15,307.16	7,219.81	245.07	245.15	-102.61	821.89	6,882.21	333.22	-145.93	479.16	0.695 Level 1	
15,300.00	7,149.28	15,407.16	7,222.01	248.02	248.10	-102.62	820.48	6,982.18	333.01	-151.90	484.92	0.687 Level 1	
15,400.00	7,151.51	15,507.16	7,224.21	250.97	251.05	-102.62	819.07	7,082.14	332.81	-157.87	490.68	0.678 Level 1	
15,500.00	7,153.74	15,607.16	7,226.41	253.92	254.00	-102.62	817.66	7,182.11	332.60	-163.84	496.44	0.670 Level 1	
15,600.00	7,155.96	15,707.16	7,228.61	256.87	256.95	-102.62	816.25	7,282.07	332.39	-169.81	502.20	0.662 Level 1	
15,700.00	7,158.19	15,807.16	7,230.81	259.82	259.90	-102.63	814.84	7,382.04	332.18	-175.78	507.96	0.654 Level 1	
15,800.00	7,160.42	15,907.16	7,233.01	262.77	262.85	-102.63	813.43	7,482.01	331.97	-181.75	513.72	0.646 Level 1	
15,900.00	7,162.65	16,007.16	7,235.21	265.72	265.80	-102.63	812.01	7,581.97	331.76	-187.72	519.49	0.639 Level 1	
16,000.00	7,164.88	16,107.16	7,237.41	268.67	268.75	-102.64	810.60	7,681.94	331.56	-193.70	525.25	0.631 Level 1	
16,100.00	7,167.10	16,207.16	7,239.60	271.63	271.70	-102.64	809.19	7,781.90	331.35	-199.67	531.02	0.624 Level 1	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1			Offset Site Error:		0.00 usft
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1			Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)					
16,200.00	7,169.33	16,307.16	7,241.80	274.58	274.65	-102.64	807.78	7,881.87	331.14	-205.64	536.78	0.617	Level 1			
16,300.00	7,171.56	16,407.16	7,244.00	277.53	277.61	-102.65	806.37	7,981.83	330.93	-211.62	542.55	0.610	Level 1			
16,400.00	7,173.79	16,507.16	7,246.20	280.48	280.56	-102.65	804.96	8,081.80	330.72	-217.59	548.31	0.603	Level 1			
16,500.00	7,176.02	16,607.16	7,248.40	283.44	283.51	-102.65	803.55	8,181.76	330.52	-223.56	554.08	0.597	Level 1			
16,600.00	7,178.24	16,707.16	7,250.60	286.39	286.47	-102.65	802.13	8,281.73	330.31	-229.54	559.85	0.590	Level 1			
16,700.00	7,180.47	16,807.16	7,252.80	289.34	289.42	-102.66	800.72	8,381.70	330.10	-235.51	565.61	0.584	Level 1			
16,800.00	7,182.70	16,907.16	7,255.00	292.30	292.37	-102.66	799.31	8,481.66	329.89	-241.49	571.38	0.577	Level 1			
16,900.00	7,184.93	17,007.16	7,257.20	295.25	295.33	-102.66	797.90	8,581.63	329.68	-247.47	577.15	0.571	Level 1			
17,000.00	7,187.16	17,107.16	7,259.40	298.20	298.28	-102.67	796.49	8,681.59	329.48	-253.44	582.92	0.565	Level 1			
17,100.00	7,189.39	17,207.16	7,261.60	301.16	301.24	-102.67	795.08	8,781.56	329.27	-259.42	588.69	0.559	Level 1			
17,200.00	7,191.61	17,307.16	7,263.79	304.11	304.19	-102.67	793.67	8,881.52	329.06	-265.40	594.46	0.554	Level 1			
17,300.00	7,193.84	17,407.16	7,265.99	307.07	307.14	-102.67	792.25	8,981.49	328.85	-271.37	600.23	0.548	Level 1			
17,400.00	7,196.07	17,507.16	7,268.19	310.02	310.10	-102.68	790.84	9,081.46	328.64	-277.35	606.00	0.542	Level 1			
17,486.62	7,198.00	17,593.78	7,270.10	312.58	312.66	-102.68	789.62	9,168.05	328.46	-282.53	610.99	0.538	Level 1, ES, SF			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.40	40.07	0.28	40.07					
100.00	100.00	100.00	100.00	3.28	3.28	0.40	40.07	0.28	40.07	32.55	7.53	5.324		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	40.07	0.28	40.07	32.51	7.57	5.295		
274.67	274.67	274.50	274.50	3.33	3.33	70.32	40.13	0.19	39.96	32.33	7.63	5.239 CC		
300.00	300.00	299.64	299.64	3.34	3.35	69.85	40.30	-0.09	40.15	32.50	7.65	5.246		
400.00	399.93	398.91	398.84	3.41	3.41	70.28	42.11	-3.01	40.75	32.97	7.78	5.241		
500.00	499.68	498.18	497.87	3.50	3.50	71.11	45.73	-8.85	41.96	34.02	7.94	5.282		
600.00	599.13	597.42	596.57	3.61	3.61	72.26	51.16	-17.60	43.79	35.62	8.16	5.364		
700.00	698.15	696.65	694.85	3.75	3.75	73.65	58.38	-29.25	46.25	37.80	8.44	5.477		
800.00	796.63	795.86	792.56	3.93	3.93	75.18	67.39	-43.79	49.35	40.55	8.80	5.611		
900.00	894.44	895.03	889.59	4.16	4.14	76.77	78.18	-61.18	53.11	43.87	9.23	5.752		
1,000.00	991.46	994.16	985.82	4.44	4.41	78.35	90.72	-81.40	57.53	47.76	9.77	5.888		
1,100.00	1,088.03	1,106.46	1,081.48	4.76	4.78	78.70	104.91	-104.30	62.82	52.38	10.45	6.014		
1,200.00	1,184.60	1,206.61	1,177.41	5.11	5.15	78.50	119.50	-127.83	68.36	57.21	11.15	6.129		
1,300.00	1,281.17	1,306.76	1,273.34	5.49	5.54	78.33	134.10	-151.36	73.90	61.99	11.91	6.205		
1,400.00	1,377.74	1,406.92	1,369.27	5.89	5.96	78.18	148.69	-174.90	79.45	66.74	12.71	6.251		
1,500.00	1,474.31	1,507.07	1,465.20	6.31	6.40	78.05	163.28	-198.43	84.99	71.45	13.54	6.277		
1,600.00	1,570.88	1,592.77	1,561.13	6.73	6.78	77.94	177.87	-221.96	90.53	76.20	14.33	6.317		
1,700.00	1,667.45	1,707.38	1,657.06	7.17	7.29	77.84	192.46	-245.49	96.08	80.82	15.26	6.297		
1,800.00	1,764.02	1,807.53	1,752.99	7.42	7.54	77.75	207.05	-269.03	101.62	86.27	15.36	6.617		
1,900.00	1,860.59	1,907.69	1,848.92	7.50	7.62	77.67	221.64	-292.56	107.17	91.66	15.51	6.911		
2,000.00	1,957.16	2,007.84	1,944.85	7.60	7.74	77.60	236.23	-316.09	112.71	96.99	15.72	7.168		
2,100.00	2,053.73	2,108.00	2,040.78	7.75	7.90	77.53	250.82	-339.62	118.26	102.25	16.01	7.389		
2,200.00	2,150.30	2,208.15	2,136.71	7.92	8.09	77.47	265.41	-363.16	123.80	107.45	16.35	7.573		
2,300.00	2,246.87	2,308.30	2,232.64	8.12	8.30	77.42	280.00	-386.69	129.35	112.60	16.75	7.723		
2,400.00	2,343.44	2,408.46	2,328.57	8.34	8.55	77.37	294.59	-410.22	134.89	117.69	17.20	7.841		
2,500.00	2,440.01	2,508.61	2,424.50	8.60	8.82	77.32	309.18	-433.75	140.44	122.73	17.71	7.932		
2,600.00	2,536.58	2,591.23	2,520.43	8.87	9.06	77.28	323.78	-457.29	145.98	127.78	18.20	8.020		
2,700.00	2,633.15	2,708.92	2,616.36	9.16	9.43	77.24	338.37	-480.82	151.53	132.69	18.84	8.042		
2,800.00	2,729.72	2,809.07	2,712.29	9.47	9.77	77.20	352.96	-504.35	157.07	137.61	19.47	8.069		
2,900.00	2,826.29	2,909.23	2,808.22	9.80	10.12	77.17	367.55	-527.88	162.62	142.49	20.12	8.081		
3,000.00	2,922.86	3,009.38	2,904.15	10.15	10.49	77.14	382.14	-551.42	168.16	147.35	20.81	8.080		
3,100.00	3,019.43	3,090.47	3,000.08	10.50	10.79	77.11	396.73	-574.95	173.71	152.25	21.46	8.095		
3,200.00	3,116.00	3,209.69	3,090.01	10.87	11.26	77.08	411.32	-598.48	179.26	156.99	22.27	8.049		
3,300.00	3,212.57	3,309.84	3,191.94	11.25	11.67	77.05	425.91	-622.01	184.80	161.77	23.03	8.024		
3,400.00	3,309.14	3,410.00	3,287.87	11.65	12.08	77.03	440.50	-645.55	190.35	166.53	23.81	7.993		
3,500.00	3,405.71	3,489.85	3,383.80	12.04	12.42	77.01	455.09	-669.08	195.89	171.36	24.53	7.986		
3,600.00	3,502.28	3,589.70	3,479.73	12.45	12.85	76.98	469.68	-692.61	201.44	176.10	25.34	7.948		
3,700.00	3,598.85	3,689.54	3,575.66	12.87	13.29	76.96	484.27	-716.14	206.98	180.81	26.17	7.909		
3,800.00	3,695.42	3,789.39	3,671.59	13.29	13.73	76.94	498.86	-739.68	212.53	185.52	27.01	7.868		
3,900.00	3,791.99	3,889.23	3,767.52	13.72	14.18	76.92	513.46	-763.21	218.08	190.21	27.87	7.826		
4,000.00	3,888.56	3,989.08	3,863.45	14.15	14.63	76.91	528.05	-786.74	223.62	194.89	28.73	7.784		
4,100.00	3,985.13	4,088.93	3,959.38	14.59	15.09	76.89	542.64	-810.27	229.17	199.56	29.60	7.741		
4,200.00	4,081.70	4,188.77	4,055.31	15.03	15.56	76.87	557.23	-833.81	234.71	204.23	30.49	7.699		
4,300.00	4,178.27	4,288.62	4,151.24	15.48	16.03	76.86	571.82	-857.34	240.26	208.88	31.38	7.657		
4,400.00	4,274.84	4,388.46	4,247.17	15.93	16.50	76.84	586.41	-880.87	245.81	213.53	32.28	7.615		
4,500.00	4,371.41	4,488.31	4,343.10	16.38	16.98	76.83	601.00	-904.40	251.35	218.17	33.19	7.574		
4,600.00	4,467.98	4,588.16	4,439.03	16.84	17.46	76.82	615.59	-927.94	256.90	222.80	34.10	7.534		
4,700.00	4,564.55	4,688.00	4,534.96	17.30	17.94	76.80	630.18	-951.47	262.44	227.43	35.02	7.495		
4,800.00	4,661.12	4,787.85	4,630.89	17.76	18.43	76.79	644.77	-975.00	267.99	232.05	35.94	7.456		
4,900.00	4,757.69	4,887.69	4,726.82	18.23	18.92	76.78	659.36	-998.53	273.54	236.67	36.87	7.419		
5,000.00	4,854.26	4,987.54	4,822.75	18.70	19.41	76.77	673.95	-1,022.07	279.08	241.28	37.80	7.382		
5,100.00	4,950.83	5,087.39	4,918.68	19.17	19.90	76.76	688.54	-1,045.60	284.63	245.89	38.74	7.347		
5,200.00	5,047.40	5,187.23	5,014.61	19.64	20.39	76.75	703.14	-1,069.13	290.18	250.49	39.68	7.312		
5,300.00	5,143.97	5,287.08	5,110.54	20.11	20.89	76.74	717.73	-1,092.66	295.72	255.09	40.63	7.278		
5,400.00	5,240.54	5,386.92	5,206.47	20.59	21.39	76.73	732.32	-1,116.20	301.27	259.69	41.58	7.245		
5,500.00	5,337.11	5,486.77	5,302.40	21.07	21.89	76.72	746.91	-1,139.73	306.81	264.28	42.53	7.214		
5,600.00	5,433.68	5,586.62	5,398.33	21.55	22.39	76.71	761.50	-1,163.26	312.36	268.87	43.49	7.183		
5,700.00	5,530.25	5,686.46	5,494.26	22.03	22.89	76.70	776.09	-1,186.79	317.91	273.46	44.45	7.152		
5,800.00	5,626.82	5,786.31	5,590.19	22.51	23.40	76.69	790.68	-1,210.33	323.45	278.04	45.41	7.123		
5,900.00	5,723.39	5,886.16	5,686.12	22.99	23.90	76.68	805.27	-1,233.86	329.00	282.63	46.37	7.095		
6,000.00	5,819.96	5,986.00	5,782.05	23.48	24.41	76.67	819.86	-1,257.39	334.54	287.21	47.34	7.067		
6,100.00	5,916.53	6,085.85	5,877.98	23.96	24.92	76.67	834.45	-1,280.92	340.09	291.79	48.31	7.040		
6,200.00	6,013.10	6,185.69	5,973.91	24.45	25.43	76.66	849.04	-1,304.46	345.64	296.36	49.28	7.014		
6,300.00	6,109.67	6,285.54	6,069.84	24.93	25.94	76.65	863.63	-1,327.99	351.18	300.94	50.25	6.989		
6,400.00	6,206.31	6,385.38	6,165.77	25.40	26.45	74.11	878.22	-1,351.52	356.69	305.50	51.19	6.967		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,304.86	6,484.60	6,261.10	25.61	26.95	38.68	892.72	-1,374.91	361.03	309.38	51.65	6.990	
6,600.00	6,404.33	6,580.99	6,353.71	25.73	27.45	-44.91	906.81	-1,397.62	364.87	313.30	51.58	7.074	
6,700.00	6,502.26	6,674.45	6,444.19	25.80	27.81	-72.81	920.56	-1,416.28	371.06	320.18	50.88	7.293	
6,800.00	6,596.25	6,772.83	6,541.21	25.88	28.00	-84.62	935.23	-1,421.85	380.97	331.04	49.93	7.630	
6,900.00	6,683.99	6,878.07	6,644.61	26.01	28.11	-92.38	950.80	-1,411.02	394.16	345.14	49.02	8.041	
7,000.00	6,763.31	6,991.57	6,752.49	26.26	28.20	-98.36	966.96	-1,380.24	409.76	361.44	48.32	8.480	
7,100.00	6,832.26	7,114.73	6,861.42	26.67	28.33	-103.21	983.18	-1,325.55	426.51	378.50	48.01	8.883	
7,200.00	6,889.14	7,248.64	6,965.66	27.31	28.59	-107.11	998.56	-1,243.31	442.84	394.49	48.35	9.159	
7,300.00	6,932.56	7,393.53	7,056.62	28.20	29.18	-110.05	1,011.82	-1,131.71	457.02	407.25	49.76	9.184	
7,400.00	6,961.43	7,548.10	7,123.55	29.35	30.28	-111.94	1,021.33	-993.14	467.36	414.74	52.62	8.882	
7,500.00	6,975.06	7,708.99	7,156.12	30.72	32.02	-112.66	1,025.56	-836.06	472.54	415.63	56.91	8.304	
7,600.00	6,977.71	7,823.23	7,159.70	32.26	33.59	-112.61	1,025.61	-721.90	473.69	413.40	60.29	7.856	
7,700.00	6,979.94	7,923.23	7,161.89	33.99	35.17	-112.56	1,025.51	-621.93	474.70	411.19	63.51	7.475	
7,800.00	6,982.17	8,023.22	7,164.09	35.89	36.94	-112.51	1,025.40	-521.96	475.70	408.67	67.03	7.097	
7,900.00	6,984.40	8,123.22	7,166.29	37.94	38.87	-112.45	1,025.30	-421.99	476.71	405.90	70.81	6.732	
8,000.00	6,986.62	8,223.21	7,168.49	40.10	40.93	-112.40	1,025.20	-322.02	477.72	402.90	74.82	6.385	
8,100.00	6,988.85	8,323.20	7,170.69	42.36	43.11	-112.34	1,025.10	-222.05	478.73	399.71	79.02	6.058	
8,200.00	6,991.08	8,423.20	7,172.88	44.70	45.38	-112.29	1,025.00	-122.08	479.74	396.36	83.38	5.754	
8,300.00	6,993.31	8,523.19	7,175.08	47.12	47.74	-112.24	1,024.90	-22.11	480.75	392.88	87.87	5.471	
8,400.00	6,995.54	8,623.19	7,177.28	49.60	50.16	-112.18	1,024.79	77.86	481.76	389.27	92.48	5.209	
8,500.00	6,997.77	8,723.18	7,179.48	52.13	52.65	-112.13	1,024.69	177.83	482.77	385.57	97.20	4.967	
8,600.00	6,999.99	8,823.17	7,181.68	54.70	55.18	-112.08	1,024.59	277.80	483.78	381.77	102.00	4.743	
8,700.00	7,002.22	8,923.17	7,183.87	57.31	57.76	-112.03	1,024.49	377.77	484.79	377.90	106.88	4.536	
8,800.00	7,004.45	9,023.16	7,186.07	59.96	60.37	-111.97	1,024.39	477.74	485.80	373.97	111.83	4.344	
8,900.00	7,006.68	9,123.15	7,188.27	62.63	63.01	-111.92	1,024.29	577.71	486.81	369.97	116.84	4.167	
9,000.00	7,008.91	9,223.15	7,190.47	65.33	65.69	-111.87	1,024.18	677.68	487.82	365.93	121.90	4.002	
9,100.00	7,011.13	9,323.14	7,192.66	68.06	68.38	-111.82	1,024.08	777.65	488.84	361.83	127.00	3.849	
9,200.00	7,013.36	9,423.14	7,194.86	70.80	71.10	-111.77	1,023.98	877.62	489.85	357.70	132.15	3.707	
9,300.00	7,015.59	9,523.13	7,197.06	73.56	73.84	-111.72	1,023.88	977.59	490.86	353.53	137.33	3.574	
9,400.00	7,017.82	9,623.12	7,199.26	76.33	76.60	-111.67	1,023.78	1,077.56	491.88	349.33	142.55	3.451	
9,500.00	7,020.05	9,723.12	7,201.46	79.12	79.37	-111.62	1,023.67	1,177.53	492.89	345.09	147.80	3.335	
9,600.00	7,022.27	9,823.11	7,203.65	81.92	82.15	-111.57	1,023.57	1,277.50	493.91	340.83	153.07	3.227	
9,700.00	7,024.50	9,923.11	7,205.85	84.74	84.95	-111.52	1,023.47	1,377.47	494.92	336.55	158.37	3.125	
9,800.00	7,026.73	10,023.10	7,208.05	87.56	87.76	-111.47	1,023.37	1,477.44	495.94	332.24	163.69	3.030	
9,900.00	7,028.96	10,123.09	7,210.25	90.39	90.57	-111.42	1,023.27	1,577.41	496.95	327.92	169.03	2.940	
10,000.00	7,031.19	10,223.09	7,212.45	93.23	93.40	-111.37	1,023.17	1,677.38	497.97	323.57	174.40	2.855	
10,100.00	7,033.42	10,323.08	7,214.64	96.08	96.23	-111.32	1,023.06	1,777.35	498.98	319.21	179.78	2.776	
10,200.00	7,035.64	10,423.08	7,216.84	98.93	99.08	-111.27	1,022.96	1,877.32	500.00	314.83	185.17	2.700	
10,300.00	7,037.87	10,523.07	7,219.04	101.80	101.93	-111.22	1,022.86	1,977.29	501.02	310.43	190.59	2.629	
10,400.00	7,040.10	10,623.06	7,221.24	104.66	104.78	-111.17	1,022.76	2,077.25	502.04	306.02	196.01	2.561	
10,500.00	7,042.33	10,723.06	7,223.44	107.54	107.64	-111.12	1,022.66	2,177.22	503.05	301.60	201.45	2.497	
10,600.00	7,044.56	10,823.05	7,225.63	110.41	110.51	-111.07	1,022.56	2,277.19	504.07	297.17	206.90	2.436	
10,700.00	7,046.78	10,923.05	7,227.83	113.30	113.38	-111.03	1,022.45	2,377.16	505.09	292.72	212.37	2.378	
10,800.00	7,049.01	11,023.04	7,230.03	116.18	116.26	-110.98	1,022.35	2,477.13	506.11	288.27	217.84	2.323	
10,900.00	7,051.24	11,123.03	7,232.23	119.07	119.14	-110.93	1,022.25	2,577.10	507.13	283.80	223.33	2.271	
11,000.00	7,053.47	11,223.03	7,234.43	121.97	122.03	-110.88	1,022.15	2,677.07	508.15	279.32	228.82	2.221	
11,100.00	7,055.70	11,323.02	7,236.62	124.86	124.91	-110.83	1,022.05	2,777.04	509.17	274.84	234.33	2.173	
11,200.00	7,057.93	11,423.01	7,238.82	127.76	127.81	-110.79	1,021.94	2,877.01	510.19	270.35	239.84	2.127	
11,300.00	7,060.15	11,523.01	7,241.02	130.67	130.70	-110.74	1,021.84	2,976.98	511.21	265.85	245.36	2.083	
11,400.00	7,062.38	11,623.00	7,243.22	133.57	133.60	-110.69	1,021.74	3,076.95	512.23	261.34	250.89	2.042	
11,500.00	7,064.61	11,723.00	7,245.42	136.48	136.50	-110.65	1,021.64	3,176.92	513.25	256.82	256.43	2.002	
11,600.00	7,066.84	11,822.99	7,247.61	139.39	139.40	-110.60	1,021.54	3,276.89	514.27	252.30	261.98	1.963	
11,700.00	7,069.07	11,922.98	7,249.81	142.31	142.31	-110.55	1,021.44	3,376.86	515.30	247.77	267.53	1.926	
11,800.00	7,071.29	12,022.98	7,252.01	145.22	145.22	-110.51	1,021.33	3,476.83	516.32	243.23	273.09	1.891	
11,900.00	7,073.52	12,122.97	7,254.21	148.14	148.13	-110.46	1,021.23	3,576.80	517.34	238.69	278.65	1.857	
12,000.00	7,075.75	12,222.97	7,256.40	151.06	151.04	-110.42	1,021.13	3,676.77	518.36	234.14	284.22	1.824	
12,100.00	7,077.98	12,322.96	7,258.60	153.98	153.95	-110.37	1,021.03	3,776.74	519.39	229.59	289.80	1.792	
12,200.00	7,080.21	12,422.95	7,260.80	156.90	156.87	-110.33	1,020.93	3,876.71	520.41	225.03	295.38	1.762	
12,300.00	7,082.43	12,522.95	7,263.00	159.83	159.79	-110.28	1,020.83	3,976.68	521.43	220.46	300.97	1.733	
12,400.00	7,084.66	12,622.94	7,265.20	162.75	162.71	-110.24	1,020.72	4,076.65	522.46	215.89	306.57	1.704	
12,500.00	7,086.89	12,722.94	7,267.39	165.68	165.63	-110.19	1,020.62	4,176.62	523.48	211.32	312.16	1.677	
12,600.00	7,089.12	12,822.93	7,269.59	168.61	168.55	-110.15	1,020.52	4,276.59	524.51	206.74	317.77	1.651	
12,700.00	7,091.35	12,922.92	7,271.79	171.54	171.48	-110.10	1,020.42	4,376.56	525.53	202.16	323.38	1.625	
12,800.00	7,093.58	13,022.92	7,273.99	174.47	174.40	-110.06	1,020.32	4,476.53	526.56	197.57	328.99	1.601	
12,900.00	7,095.80	13,122.91	7,276.19	177.40	177.33	-110.01	1,020.21	4,576.50	527.59	192.97	334.61	1.577	
13,000.00	7,098.03	13,222.91	7,278.38	180.34	180.25	-109.97	1,020.11	4,676.47	528.61	188.38	340.23	1.554	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,100.26	13,322.90	7,280.58	183.27	183.18	-109.93	1,020.01	4,776.44	529.64	183.78	345.86	1.531	
13,200.00	7,102.49	13,422.89	7,282.78	186.21	186.11	-109.88	1,019.91	4,876.41	530.67	179.17	351.49	1.510	
13,300.00	7,104.72	13,522.89	7,284.98	189.14	189.04	-109.84	1,019.81	4,976.38	531.69	174.56	357.13	1.489	Level 3
13,400.00	7,106.94	13,622.88	7,287.18	192.08	191.98	-109.79	1,019.71	5,076.35	532.72	169.95	362.77	1.468	Level 3
13,500.00	7,109.17	13,722.87	7,289.37	195.02	194.91	-109.75	1,019.60	5,176.32	533.75	165.34	368.41	1.449	Level 3
13,600.00	7,111.40	13,822.87	7,291.57	197.96	197.84	-109.71	1,019.50	5,276.29	534.78	160.72	374.06	1.430	Level 3
13,700.00	7,113.63	13,922.86	7,293.77	200.90	200.78	-109.67	1,019.40	5,376.26	535.80	156.09	379.71	1.411	Level 3
13,800.00	7,115.86	14,022.86	7,295.97	203.84	203.71	-109.62	1,019.30	5,476.22	536.83	151.47	385.36	1.393	Level 3
13,900.00	7,118.09	14,122.85	7,298.17	206.78	206.65	-109.58	1,019.20	5,576.19	537.86	146.84	391.02	1.376	Level 3
14,000.00	7,120.31	14,222.84	7,300.36	209.72	209.58	-109.54	1,019.10	5,676.16	538.89	142.21	396.68	1.358	Level 3
14,100.00	7,122.54	14,322.84	7,302.56	212.67	212.52	-109.50	1,018.99	5,776.13	539.92	137.57	402.35	1.342	Level 3
14,200.00	7,124.77	14,422.83	7,304.76	215.61	215.46	-109.45	1,018.89	5,876.10	540.95	132.93	408.02	1.326	Level 3
14,300.00	7,127.00	14,522.83	7,306.96	218.55	218.40	-109.41	1,018.79	5,976.07	541.98	128.29	413.69	1.310	Level 3
14,400.00	7,129.23	14,622.82	7,309.16	221.50	221.34	-109.37	1,018.69	6,076.04	543.01	123.65	419.37	1.295	Level 3
14,500.00	7,131.45	14,722.81	7,311.35	224.44	224.28	-109.33	1,018.59	6,176.01	544.04	119.00	425.04	1.280	Level 3
14,600.00	7,133.68	14,822.81	7,313.55	227.39	227.22	-109.29	1,018.48	6,275.98	545.07	114.35	430.72	1.265	Level 3
14,700.00	7,135.91	14,922.80	7,315.75	230.33	230.16	-109.25	1,018.38	6,375.95	546.10	109.70	436.41	1.251	Level 3
14,800.00	7,138.14	15,022.80	7,317.95	233.28	233.10	-109.21	1,018.28	6,475.92	547.14	105.04	442.10	1.238	Level 2
14,900.00	7,140.37	15,122.79	7,320.14	236.23	236.05	-109.17	1,018.18	6,575.89	548.17	100.38	447.79	1.224	Level 2
15,000.00	7,142.59	15,222.78	7,322.34	239.18	238.99	-109.12	1,018.08	6,675.86	549.20	95.72	453.48	1.211	Level 2
15,100.00	7,144.82	15,322.78	7,324.54	242.12	241.93	-109.08	1,017.98	6,775.83	550.23	91.06	459.17	1.198	Level 2
15,200.00	7,147.05	15,422.77	7,326.74	245.07	244.88	-109.04	1,017.87	6,875.80	551.26	86.39	464.87	1.186	Level 2
15,300.00	7,149.28	15,522.77	7,328.94	248.02	247.82	-109.00	1,017.77	6,975.77	552.30	81.72	470.57	1.174	Level 2
15,400.00	7,151.51	15,622.76	7,331.13	250.97	250.76	-108.96	1,017.67	7,075.74	553.33	77.05	476.28	1.162	Level 2
15,500.00	7,153.74	15,722.75	7,333.33	253.92	253.71	-108.92	1,017.57	7,175.71	554.36	72.38	481.98	1.150	Level 2
15,600.00	7,155.96	15,822.75	7,335.53	256.87	256.65	-108.88	1,017.47	7,275.68	555.40	67.71	487.69	1.139	Level 2
15,700.00	7,158.19	15,922.74	7,337.73	259.82	259.60	-108.84	1,017.36	7,375.65	556.43	63.03	493.40	1.128	Level 2
15,800.00	7,160.42	16,022.73	7,339.93	262.77	262.55	-108.80	1,017.26	7,475.62	557.47	58.35	499.12	1.117	Level 2
15,900.00	7,162.65	16,122.73	7,342.12	265.72	265.49	-108.76	1,017.16	7,575.59	558.50	53.67	504.83	1.106	Level 2
16,000.00	7,164.88	16,222.72	7,344.32	268.67	268.44	-108.73	1,017.06	7,675.56	559.54	48.98	510.55	1.096	Level 2
16,100.00	7,167.10	16,322.72	7,346.52	271.63	271.39	-108.69	1,016.96	7,775.53	560.57	44.30	516.27	1.086	Level 2
16,200.00	7,169.33	16,422.71	7,348.72	274.58	274.34	-108.65	1,016.86	7,875.50	561.61	39.61	522.00	1.076	Level 2
16,300.00	7,171.56	16,522.70	7,350.92	277.53	277.28	-108.61	1,016.75	7,975.47	562.64	34.92	527.72	1.066	Level 2
16,400.00	7,173.79	16,622.70	7,353.11	280.48	280.23	-108.57	1,016.65	8,075.44	563.68	30.23	533.45	1.057	Level 2
16,500.00	7,176.02	16,722.69	7,355.31	283.44	283.18	-108.53	1,016.55	8,175.41	564.71	25.53	539.18	1.047	Level 2
16,600.00	7,178.24	16,822.69	7,357.51	286.39	286.13	-108.49	1,016.45	8,275.38	565.75	20.84	544.91	1.038	Level 2
16,700.00	7,180.47	16,922.68	7,359.71	289.34	289.08	-108.45	1,016.35	8,375.35	566.79	16.14	550.65	1.029	Level 2
16,800.00	7,182.70	17,022.67	7,361.91	292.30	292.03	-108.42	1,016.25	8,475.32	567.82	11.44	556.38	1.021	Level 2
16,900.00	7,184.93	17,122.67	7,364.10	295.25	294.98	-108.38	1,016.14	8,575.29	568.86	6.74	562.12	1.012	Level 2
17,000.00	7,187.16	17,222.66	7,366.30	298.20	297.93	-108.34	1,016.04	8,675.26	569.90	2.03	567.86	1.004	Level 2
17,100.00	7,189.39	17,322.66	7,368.50	301.16	300.88	-108.30	1,015.94	8,775.23	570.94	-2.67	573.61	0.995	Level 1
17,200.00	7,191.61	17,422.65	7,370.70	304.11	303.83	-108.27	1,015.84	8,875.19	571.97	-7.38	579.35	0.987	Level 1
17,300.00	7,193.84	17,522.64	7,372.90	307.07	306.78	-108.23	1,015.74	8,975.16	573.01	-12.09	585.10	0.979	Level 1
17,400.00	7,196.07	17,622.64	7,375.09	310.02	309.73	-108.19	1,015.63	9,075.13	574.05	-16.80	590.85	0.972	Level 1
17,486.62	7,198.00	17,709.25	7,377.00	312.58	312.29	-108.16	1,015.55	9,161.73	574.95	-20.88	595.83	0.965	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	0.27	60.11	0.28	60.11				
100.00	100.00	100.00	100.00	3.28	3.28	0.27	60.11	0.28	60.11	52.58	7.53	7.985	
200.00	200.00	200.00	200.00	3.30	3.30	0.27	60.11	0.28	60.11	52.54	7.57	7.941	
270.53	270.53	270.28	270.28	3.33	3.33	70.00	60.15	0.22	60.00	52.38	7.62	7.870	CC, ES
300.00	300.00	299.38	299.38	3.34	3.35	69.72	60.36	-0.06	60.21	52.56	7.65	7.868	
400.00	399.93	398.13	398.06	3.41	3.41	70.18	62.41	-2.78	61.07	53.29	7.78	7.854	
500.00	499.68	496.86	496.55	3.50	3.50	71.06	66.52	-8.20	62.79	54.85	7.94	7.906	
600.00	599.13	595.56	594.72	3.61	3.61	72.29	72.66	-16.32	65.40	57.24	8.16	8.016	
700.00	698.15	694.21	692.43	3.75	3.75	73.78	80.84	-27.13	68.92	60.48	8.43	8.171	
800.00	796.63	792.81	789.56	3.93	3.92	75.43	91.03	-40.61	73.37	64.59	8.78	8.356	
900.00	894.44	891.33	885.99	4.16	4.14	77.14	103.23	-56.74	78.77	69.56	9.21	8.553	
1,000.00	991.46	989.77	981.58	4.44	4.40	78.86	117.40	-75.48	85.14	75.40	9.74	8.743	
1,100.00	1,088.03	1,088.11	1,076.21	4.76	4.71	79.65	133.53	-96.81	92.76	82.41	10.36	8.957	
1,200.00	1,184.60	1,187.05	1,170.59	5.11	5.09	78.86	151.43	-120.47	101.69	90.64	11.05	9.202	
1,300.00	1,281.17	1,286.62	1,265.47	5.49	5.50	78.03	169.64	-144.55	110.79	98.99	11.81	9.384	
1,400.00	1,377.74	1,386.19	1,360.36	5.89	5.94	77.32	187.85	-168.63	119.92	107.32	12.60	9.515	
1,500.00	1,474.31	1,485.77	1,455.25	6.31	6.40	76.72	206.06	-192.71	129.06	115.62	13.44	9.606	
1,600.00	1,570.88	1,585.34	1,550.13	6.73	6.87	76.20	224.27	-216.79	138.21	123.92	14.29	9.670	
1,700.00	1,667.45	1,684.91	1,645.02	7.17	7.37	75.74	242.48	-240.87	147.38	132.20	15.17	9.714	
1,800.00	1,764.02	1,784.49	1,739.90	7.42	7.68	75.33	260.70	-264.95	156.55	141.06	15.48	10.111	
1,900.00	1,860.59	1,884.06	1,834.79	7.50	7.80	74.97	278.91	-289.03	165.72	150.25	15.48	10.707	
2,000.00	1,957.16	1,983.63	1,929.67	7.60	7.93	74.65	297.12	-313.11	174.91	159.23	15.68	11.154	
2,100.00	2,053.73	2,083.20	2,024.56	7.75	8.09	74.36	315.33	-337.19	184.10	168.15	15.95	11.542	
2,200.00	2,150.30	2,182.78	2,119.45	7.92	8.29	74.10	333.54	-361.27	193.29	177.01	16.28	11.870	
2,300.00	2,246.87	2,282.35	2,214.33	8.12	8.53	73.86	351.75	-385.35	202.49	185.81	16.68	12.143	
2,400.00	2,343.44	2,381.92	2,309.22	8.34	8.79	73.64	369.96	-409.43	211.69	194.56	17.12	12.364	
2,500.00	2,440.01	2,481.50	2,404.10	8.60	9.08	73.44	388.17	-433.51	220.89	203.27	17.62	12.538	
2,600.00	2,536.58	2,581.07	2,498.99	8.87	9.40	73.26	406.39	-457.59	230.09	211.93	18.16	12.670	
2,700.00	2,633.15	2,680.64	2,593.87	9.16	9.75	73.09	424.60	-481.67	239.30	220.56	18.74	12.767	
2,800.00	2,729.72	2,780.21	2,688.76	9.47	10.11	72.93	442.81	-505.74	248.51	229.14	19.36	12.833	
2,900.00	2,826.29	2,879.79	2,783.64	9.80	10.49	72.78	461.02	-529.82	257.72	237.70	20.02	12.874	
3,000.00	2,922.86	2,979.36	2,878.53	10.15	10.89	72.65	479.23	-553.90	266.93	246.23	20.70	12.893	
3,100.00	3,019.43	3,078.93	2,973.42	10.50	11.30	72.52	497.44	-577.98	276.15	254.73	21.42	12.894	
3,200.00	3,116.00	3,178.51	3,068.30	10.87	11.73	72.40	515.65	-602.06	285.36	263.21	22.15	12.881	
3,300.00	3,212.57	3,278.08	3,163.19	11.25	12.17	72.29	533.86	-626.14	294.58	271.66	22.91	12.856	
3,400.00	3,309.14	3,377.65	3,258.07	11.65	12.62	72.19	552.08	-650.22	303.79	280.10	23.69	12.823	
3,500.00	3,405.71	3,477.22	3,352.96	12.04	13.08	72.09	570.29	-674.30	313.01	288.52	24.49	12.782	
3,600.00	3,502.28	3,576.80	3,447.84	12.45	13.54	72.00	588.50	-698.38	322.23	296.93	25.30	12.735	
3,700.00	3,598.85	3,676.37	3,542.73	12.87	14.02	71.91	606.71	-722.46	331.45	305.32	26.13	12.685	
3,800.00	3,695.42	3,775.94	3,637.61	13.29	14.50	71.83	624.92	-746.54	340.67	313.70	26.97	12.631	
3,900.00	3,791.99	3,875.52	3,732.50	13.72	14.99	71.75	643.13	-770.62	349.89	322.07	27.82	12.575	
4,000.00	3,888.56	3,975.09	3,827.39	14.15	15.48	71.67	661.34	-794.70	359.11	330.42	28.69	12.518	
4,100.00	3,985.13	4,074.66	3,922.27	14.59	15.98	71.60	679.55	-818.78	368.33	338.77	29.56	12.460	
4,200.00	4,081.70	4,174.23	4,017.16	15.03	16.49	71.54	697.76	-842.86	377.56	347.11	30.44	12.402	
4,300.00	4,178.27	4,273.81	4,112.04	15.48	16.99	71.47	715.98	-866.94	386.78	355.45	31.34	12.343	
4,400.00	4,274.84	4,373.38	4,206.93	15.93	17.51	71.41	734.19	-891.02	396.00	363.77	32.23	12.286	
4,500.00	4,371.41	4,472.95	4,301.81	16.38	18.02	71.35	752.40	-915.10	405.23	372.09	33.14	12.228	
4,600.00	4,467.98	4,572.53	4,396.70	16.84	18.54	71.30	770.61	-939.18	414.45	380.40	34.05	12.172	
4,700.00	4,564.55	4,672.10	4,491.59	17.30	19.06	71.24	788.82	-963.26	423.68	388.71	34.97	12.116	
4,800.00	4,661.12	4,771.67	4,586.47	17.76	19.59	71.19	807.03	-987.34	432.90	397.01	35.89	12.062	
4,900.00	4,757.69	4,871.24	4,681.36	18.23	20.11	71.14	825.24	-1,011.42	442.13	405.31	36.82	12.008	
5,000.00	4,854.26	4,970.82	4,776.24	18.70	20.64	71.10	843.45	-1,035.50	451.35	413.60	37.75	11.956	
5,100.00	4,950.83	5,070.39	4,871.13	19.17	21.18	71.05	861.67	-1,059.58	460.58	421.89	38.69	11.905	
5,200.00	5,047.40	5,169.96	4,966.01	19.64	21.71	71.01	879.88	-1,083.65	469.81	430.18	39.63	11.856	
5,300.00	5,143.97	5,269.54	5,060.90	20.11	22.25	70.97	898.09	-1,107.73	479.03	438.46	40.57	11.807	
5,400.00	5,240.54	5,369.11	5,155.78	20.59	22.78	70.93	916.30	-1,131.81	488.26	446.74	41.52	11.760	
5,500.00	5,337.11	5,468.68	5,250.67	21.07	23.32	70.89	934.51	-1,155.89	497.49	455.02	42.47	11.714	
5,600.00	5,433.68	5,568.25	5,345.56	21.55	23.86	70.85	952.72	-1,179.97	506.72	463.29	43.42	11.669	
5,700.00	5,530.25	5,667.83	5,440.44	22.03	24.41	70.82	970.93	-1,204.05	515.94	471.56	44.38	11.626	
5,800.00	5,626.82	5,767.40	5,535.33	22.51	24.95	70.78	989.14	-1,228.13	525.17	479.83	45.34	11.583	
5,900.00	5,723.39	5,866.97	5,630.21	22.99	25.49	70.75	1,007.36	-1,252.21	534.40	488.10	46.30	11.542	
6,000.00	5,819.96	5,966.55	5,725.10	23.48	26.04	70.72	1,025.57	-1,276.29	543.63	496.36	47.26	11.502	
6,100.00	5,916.53	6,066.12	5,819.98	23.96	26.59	70.69	1,043.78	-1,300.37	552.85	504.63	48.23	11.463	
6,200.00	6,013.10	6,165.69	5,914.87	24.45	27.13	70.66	1,061.99	-1,324.45	562.08	512.89	49.20	11.425	
6,300.00	6,109.67	6,265.26	6,009.75	24.93	27.68	70.63	1,080.20	-1,348.53	571.31	521.15	50.17	11.389	
6,400.00	6,206.31	6,364.83	6,104.64	25.40	28.23	68.15	1,098.41	-1,372.61	580.53	529.43	51.11	11.359	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1										Offset Site Error:0.00 usft			
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:3.28 usft			
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,304.86	6,463.70	6,198.85	25.61	28.78	33.78	1,116.49	-1,396.52	589.61	538.03	51.58	11.431	
6,600.00	6,404.33	6,560.29	6,292.03	25.73	29.12	-47.27	1,134.34	-1,414.16	599.08	547.50	51.57	11.616	
6,700.00	6,502.26	6,659.70	6,389.55	25.80	29.31	-71.37	1,152.91	-1,417.22	609.21	557.79	51.42	11.848	
6,800.00	6,596.25	6,762.61	6,489.72	25.88	29.42	-79.40	1,171.89	-1,404.09	619.75	568.46	51.29	12.084	
6,900.00	6,683.99	6,869.33	6,590.02	26.01	29.51	-83.56	1,190.78	-1,373.33	630.37	579.05	51.31	12.285	
7,000.00	6,763.31	6,980.11	6,687.29	26.26	29.62	-86.19	1,208.96	-1,323.86	640.67	589.04	51.63	12.408	
7,100.00	6,832.26	7,095.01	6,777.73	26.67	29.80	-88.02	1,225.73	-1,255.26	650.25	597.84	52.41	12.407	
7,200.00	6,889.14	7,213.86	6,857.00	27.31	30.15	-89.32	1,240.25	-1,168.13	658.65	604.83	53.82	12.238	
7,300.00	6,932.56	7,336.22	6,920.56	28.20	30.76	-90.21	1,251.67	-1,064.43	665.46	609.46	55.99	11.885	
7,400.00	6,961.43	7,461.27	6,964.21	29.35	31.71	-90.72	1,259.22	-947.70	670.31	611.37	58.94	11.374	
7,500.00	6,975.06	7,587.94	6,984.76	30.72	33.03	-90.88	1,262.32	-822.96	672.95	610.45	62.51	10.766	
7,600.00	6,977.71	7,705.96	6,987.65	32.26	34.56	-90.86	1,262.18	-716.91	673.97	607.93	66.03	10.206	
7,700.00	6,979.94	7,805.97	6,989.78	33.99	36.09	-90.85	1,261.94	-616.94	674.93	605.37	69.56	9.703	
7,800.00	6,982.17	7,905.97	6,991.91	35.89	37.82	-90.84	1,261.69	-516.97	675.89	602.49	73.40	9.209	
7,900.00	6,984.40	8,005.98	6,994.04	37.94	39.71	-90.83	1,261.45	-416.99	676.85	599.35	77.50	8.733	
8,000.00	6,986.62	8,105.98	6,996.17	40.10	41.75	-90.82	1,261.21	-317.02	677.81	595.98	81.83	8.283	
8,100.00	6,988.85	8,205.99	6,998.30	42.36	43.91	-90.81	1,260.96	-217.05	678.77	592.42	86.35	7.860	
8,200.00	6,991.08	8,305.99	7,000.42	44.70	46.16	-90.80	1,260.72	-117.08	679.73	588.69	91.04	7.467	
8,300.00	6,993.31	8,406.00	7,002.55	47.12	48.51	-90.79	1,260.48	-17.11	680.69	584.83	95.86	7.101	
8,400.00	6,995.54	8,506.00	7,004.68	49.60	50.92	-90.78	1,260.23	82.87	681.65	580.85	100.80	6.762	
8,500.00	6,997.77	8,606.01	7,006.81	52.13	53.40	-90.77	1,259.99	182.84	682.61	576.76	105.85	6.449	
8,600.00	6,999.99	8,706.01	7,008.94	54.70	55.92	-90.76	1,259.75	282.81	683.57	572.59	110.98	6.160	
8,700.00	7,002.22	8,806.01	7,011.07	57.31	58.49	-90.75	1,259.50	382.78	684.53	568.34	116.19	5.892	
8,800.00	7,004.45	8,906.02	7,013.20	59.96	61.10	-90.74	1,259.26	482.76	685.49	564.03	121.46	5.644	
8,900.00	7,006.68	9,006.02	7,015.33	62.63	63.74	-90.73	1,259.02	582.73	686.45	559.65	126.79	5.414	
9,000.00	7,008.91	9,106.03	7,017.46	65.33	66.41	-90.73	1,258.77	682.70	687.41	555.23	132.18	5.201	
9,100.00	7,011.13	9,206.03	7,019.59	68.06	69.11	-90.72	1,258.53	782.67	688.37	550.76	137.61	5.002	
9,200.00	7,013.36	9,306.04	7,021.72	70.80	71.82	-90.71	1,258.29	882.65	689.33	546.25	143.08	4.818	
9,300.00	7,015.59	9,406.04	7,023.84	73.56	74.56	-90.70	1,258.04	982.62	690.29	541.71	148.58	4.646	
9,400.00	7,017.82	9,506.05	7,025.97	76.33	77.31	-90.69	1,257.80	1,082.59	691.25	537.13	154.12	4.485	
9,500.00	7,020.05	9,606.05	7,028.10	79.12	80.08	-90.68	1,257.55	1,182.56	692.21	532.53	159.68	4.335	
9,600.00	7,022.27	9,706.06	7,030.23	81.92	82.87	-90.67	1,257.31	1,282.54	693.17	527.90	165.27	4.194	
9,700.00	7,024.50	9,806.06	7,032.36	84.74	85.66	-90.66	1,257.07	1,382.51	694.13	523.24	170.88	4.062	
9,800.00	7,026.73	9,906.07	7,034.49	87.56	88.47	-90.65	1,256.82	1,482.48	695.09	518.57	176.52	3.938	
9,900.00	7,028.96	9,993.93	7,036.62	90.39	90.94	-90.64	1,256.58	1,582.45	696.05	514.22	181.83	3.828	
10,000.00	7,031.19	10,106.08	7,038.75	93.23	94.11	-90.63	1,256.34	1,682.43	697.01	509.17	187.84	3.711	
10,100.00	7,033.42	10,206.08	7,040.88	96.08	96.95	-90.62	1,256.09	1,782.40	697.97	504.44	193.53	3.607	
10,200.00	7,035.64	10,306.08	7,043.01	98.93	99.79	-90.62	1,255.85	1,882.37	698.93	499.70	199.22	3.508	
10,300.00	7,037.87	10,406.09	7,045.14	101.80	102.64	-90.61	1,255.61	1,982.34	699.89	494.95	204.94	3.415	
10,400.00	7,040.10	10,506.09	7,047.26	104.66	105.49	-90.60	1,255.36	2,082.31	700.85	490.19	210.66	3.327	
10,500.00	7,042.33	10,606.10	7,049.39	107.54	108.35	-90.59	1,255.12	2,182.29	701.81	485.41	216.40	3.243	
10,600.00	7,044.56	10,706.10	7,051.52	110.41	111.22	-90.58	1,254.88	2,282.26	702.77	480.62	222.14	3.164	
10,700.00	7,046.78	10,806.11	7,053.65	113.30	114.09	-90.57	1,254.63	2,382.23	703.73	475.83	227.90	3.088	
10,800.00	7,049.01	10,906.11	7,055.78	116.18	116.97	-90.56	1,254.39	2,482.20	704.69	471.03	233.66	3.016	
10,900.00	7,051.24	11,006.12	7,057.91	119.07	119.85	-90.55	1,254.15	2,582.18	705.65	466.21	239.44	2.947	
11,000.00	7,053.47	11,106.12	7,060.04	121.97	122.73	-90.55	1,253.90	2,682.15	706.61	461.39	245.22	2.882	
11,100.00	7,055.70	11,206.13	7,062.17	124.86	125.62	-90.54	1,253.66	2,782.12	707.57	456.57	251.00	2.819	
11,200.00	7,057.93	11,306.13	7,064.30	127.76	128.51	-90.53	1,253.42	2,882.09	708.53	451.73	256.80	2.759	
11,300.00	7,060.15	11,406.14	7,066.43	130.67	131.41	-90.52	1,253.17	2,982.07	709.49	446.89	262.60	2.702	
11,400.00	7,062.38	11,506.14	7,068.56	133.57	134.31	-90.51	1,252.93	3,082.04	710.45	442.05	268.40	2.647	
11,500.00	7,064.61	11,606.15	7,070.68	136.48	137.21	-90.50	1,252.69	3,182.01	711.41	437.20	274.21	2.594	
11,600.00	7,066.84	11,706.15	7,072.81	139.39	140.11	-90.49	1,252.44	3,281.98	712.37	432.34	280.03	2.544	
11,700.00	7,069.07	11,806.16	7,074.94	142.31	143.02	-90.48	1,252.20	3,381.96	713.33	427.48	285.85	2.495	
11,800.00	7,071.29	11,906.16	7,077.07	145.22	145.93	-90.48	1,251.96	3,481.93	714.29	422.62	291.67	2.449	
11,900.00	7,073.52	12,006.16	7,079.20	148.14	148.84	-90.47	1,251.71	3,581.90	715.25	417.75	297.50	2.404	
12,000.00	7,075.75	12,106.17	7,081.33	151.06	151.75	-90.46	1,251.47	3,681.87	716.22	412.88	303.34	2.361	
12,100.00	7,077.98	12,206.17	7,083.46	153.98	154.66	-90.45	1,251.23	3,781.84	717.18	408.00	309.17	2.320	
12,200.00	7,080.21	12,306.18	7,085.59	156.90	157.58	-90.44	1,250.98	3,881.82	718.14	403.12	315.01	2.280	
12,300.00	7,082.43	12,406.18	7,087.72	159.83	160.50	-90.43	1,250.74	3,981.79	719.10	398.24	320.86	2.241	
12,400.00	7,084.66	12,506.19	7,089.85	162.75	163.42	-90.42	1,250.50	4,081.76	720.06	393.35	326.70	2.204	
12,500.00	7,086.89	12,606.19	7,091.98	165.68	166.34	-90.42	1,250.25	4,181.73	721.02	388.46	332.55	2.168	
12,600.00	7,089.12	12,706.20	7,094.10	168.61	169.26	-90.41	1,250.01	4,281.71	721.98	383.57	338.41	2.133	
12,700.00	7,091.35	12,806.20	7,096.23	171.54	172.19	-90.40	1,249.77	4,381.68	722.94	378.68	344.26	2.100	
12,800.00	7,093.58	12,906.21	7,098.36	174.47	175.11	-90.39	1,249.52	4,481.65	723.90	373.78	350.12	2.068	
12,900.00	7,095.80	12,993.79	7,100.49	177.40	177.68	-90.38	1,249.28	4,581.62	724.86	369.25	355.62	2.038	
13,000.00	7,098.03	13,106.22	7,102.62	180.34	180.97	-90.37	1,249.04	4,681.60	725.82	363.98	361.84	2.006	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	7,100.26	13,206.22	7,104.75	183.27	183.90	-90.37	1,248.79	4,781.57	726.78	359.08	367.71	1.977	
13,200.00	7,102.49	13,306.23	7,106.88	186.21	186.83	-90.36	1,248.55	4,881.54	727.74	354.17	373.57	1.948	
13,300.00	7,104.72	13,406.23	7,109.01	189.14	189.76	-90.35	1,248.31	4,981.51	728.70	349.26	379.44	1.920	
13,400.00	7,106.94	13,506.23	7,111.14	192.08	192.69	-90.34	1,248.06	5,081.49	729.66	344.35	385.31	1.894	
13,500.00	7,109.17	13,606.24	7,113.27	195.02	195.62	-90.33	1,247.82	5,181.46	730.62	339.44	391.18	1.868	
13,600.00	7,111.40	13,693.76	7,115.40	197.96	198.19	-90.33	1,247.58	5,281.43	731.59	334.89	396.69	1.844	
13,700.00	7,113.63	13,806.25	7,117.52	200.90	201.49	-90.32	1,247.33	5,381.40	732.55	329.61	402.93	1.818	
13,800.00	7,115.86	13,906.25	7,119.65	203.84	204.43	-90.31	1,247.09	5,481.37	733.51	324.70	408.81	1.794	
13,900.00	7,118.09	14,006.26	7,121.78	206.78	207.36	-90.30	1,246.85	5,581.35	734.47	319.78	414.69	1.771	
14,000.00	7,120.31	14,106.26	7,123.91	209.72	210.30	-90.29	1,246.60	5,681.32	735.43	314.86	420.57	1.749	
14,100.00	7,122.54	14,206.27	7,126.04	212.67	213.24	-90.28	1,246.36	5,781.29	736.39	309.94	426.45	1.727	
14,200.00	7,124.77	14,306.27	7,128.17	215.61	216.18	-90.28	1,246.12	5,881.26	737.35	305.02	432.33	1.706	
14,300.00	7,127.00	14,406.28	7,130.30	218.55	219.12	-90.27	1,245.87	5,981.24	738.31	300.09	438.22	1.685	
14,400.00	7,129.23	14,506.28	7,132.43	221.50	222.06	-90.26	1,245.63	6,081.21	739.27	295.17	444.10	1.665	
14,500.00	7,131.45	14,606.29	7,134.56	224.44	225.00	-90.25	1,245.39	6,181.18	740.23	290.24	449.99	1.645	
14,600.00	7,133.68	14,706.29	7,136.69	227.39	227.94	-90.24	1,245.14	6,281.15	741.19	285.32	455.88	1.626	
14,700.00	7,135.91	14,806.30	7,138.82	230.33	230.88	-90.24	1,244.90	6,381.13	742.16	280.39	461.77	1.607	
14,800.00	7,138.14	14,906.30	7,140.95	233.28	233.82	-90.23	1,244.65	6,481.10	743.12	275.46	467.66	1.589	
14,900.00	7,140.37	15,006.30	7,143.07	236.23	236.77	-90.22	1,244.41	6,581.07	744.08	270.53	473.55	1.571	
15,000.00	7,142.59	15,106.31	7,145.20	239.18	239.71	-90.21	1,244.17	6,681.04	745.04	265.60	479.44	1.554	
15,100.00	7,144.82	15,206.31	7,147.33	242.12	242.65	-90.21	1,243.92	6,781.02	746.00	260.67	485.33	1.537	
15,200.00	7,147.05	15,306.32	7,149.46	245.07	245.60	-90.20	1,243.68	6,880.99	746.96	255.74	491.22	1.521	
15,300.00	7,149.28	15,406.32	7,151.59	248.02	248.54	-90.19	1,243.44	6,980.96	747.92	250.80	497.12	1.505	
15,400.00	7,151.51	15,506.33	7,153.72	250.97	251.49	-90.18	1,243.19	7,080.93	748.88	245.87	503.01	1.489 Level 3	
15,500.00	7,153.74	15,606.33	7,155.85	253.92	254.43	-90.17	1,242.95	7,180.91	749.84	240.93	508.91	1.473 Level 3	
15,600.00	7,155.96	15,706.34	7,157.98	256.87	257.38	-90.17	1,242.71	7,280.88	750.80	236.00	514.81	1.458 Level 3	
15,700.00	7,158.19	15,806.34	7,160.11	259.82	260.33	-90.16	1,242.46	7,380.85	751.77	231.06	520.71	1.444 Level 3	
15,800.00	7,160.42	15,906.35	7,162.24	262.77	263.27	-90.15	1,242.22	7,480.82	752.73	226.12	526.60	1.429 Level 3	
15,900.00	7,162.65	16,006.35	7,164.37	265.72	266.22	-90.14	1,241.98	7,580.79	753.69	221.18	532.50	1.415 Level 3	
16,000.00	7,164.88	16,106.36	7,166.49	268.67	269.17	-90.14	1,241.73	7,680.77	754.65	216.25	538.40	1.402 Level 3	
16,100.00	7,167.10	16,206.36	7,168.62	271.63	272.12	-90.13	1,241.49	7,780.74	755.61	211.31	544.30	1.388 Level 3	
16,200.00	7,169.33	16,306.37	7,170.75	274.58	275.06	-90.12	1,241.25	7,880.71	756.57	206.37	550.20	1.375 Level 3	
16,300.00	7,171.56	16,406.37	7,172.88	277.53	278.01	-90.11	1,241.00	7,980.68	757.53	201.43	556.11	1.362 Level 3	
16,400.00	7,173.79	16,506.37	7,175.01	280.48	280.96	-90.10	1,240.76	8,080.66	758.49	196.49	562.01	1.350 Level 3	
16,500.00	7,176.02	16,606.38	7,177.14	283.44	283.91	-90.10	1,240.52	8,180.63	759.45	191.54	567.91	1.337 Level 3	
16,600.00	7,178.24	16,706.38	7,179.27	286.39	286.86	-90.09	1,240.27	8,280.60	760.42	186.60	573.81	1.325 Level 3	
16,700.00	7,180.47	16,806.39	7,181.40	289.34	289.81	-90.08	1,240.03	8,380.57	761.38	181.66	579.72	1.313 Level 3	
16,800.00	7,182.70	16,906.39	7,183.53	292.30	292.76	-90.07	1,239.79	8,480.55	762.34	176.72	585.62	1.302 Level 3	
16,900.00	7,184.93	17,006.40	7,185.66	295.25	295.71	-90.07	1,239.54	8,580.52	763.30	171.77	591.53	1.290 Level 3	
17,000.00	7,187.16	17,106.40	7,187.79	298.20	298.66	-90.06	1,239.30	8,680.49	764.26	166.83	597.43	1.279 Level 3	
17,100.00	7,189.39	17,206.41	7,189.91	301.16	301.61	-90.05	1,239.06	8,780.46	765.22	161.88	603.34	1.268 Level 3	
17,200.00	7,191.61	17,306.41	7,192.04	304.11	304.56	-90.04	1,238.81	8,880.44	766.18	156.94	609.25	1.258 Level 3	
17,300.00	7,193.84	17,406.42	7,194.17	307.07	307.51	-90.04	1,238.57	8,980.41	767.14	151.99	615.15	1.247 Level 2	
17,400.00	7,196.07	17,493.58	7,196.30	310.02	310.09	-90.03	1,238.33	9,080.38	768.11	147.42	620.68	1.238 Level 2	
17,486.62	7,198.00	17,580.20	7,198.15	312.58	312.64	-90.02	1,238.12	9,166.98	768.94	143.14	625.80	1.229 Level 2, SF	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							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	71.99	58.65	180.43	189.72					
100.00	100.00	103.00	97.00	3.28	3.28	71.99	58.65	180.43	189.72	182.19	7.53	25.204		
200.00	200.00	203.00	197.00	3.30	3.30	71.99	58.65	180.43	189.72	182.15	7.57	25.064	CC, ES	
200.31	200.31	202.69	197.31	3.30	3.30	71.99	58.65	180.43	189.72	182.15	7.57	25.064		
300.00	300.00	297.69	297.69	3.34	3.34	141.36	58.99	180.22	189.98	182.32	7.65	24.825		
400.00	399.93	399.11	399.04	3.41	3.41	140.98	61.99	178.45	191.96	184.18	7.78	24.677		
500.00	499.68	500.41	500.09	3.50	3.50	140.21	68.07	174.86	195.92	187.97	7.95	24.642		
600.00	599.13	601.51	600.63	3.61	3.62	139.10	77.19	169.46	201.91	193.74	8.17	24.709		
700.00	698.15	702.32	700.44	3.75	3.76	137.70	89.32	162.29	209.97	201.52	8.45	24.855		
800.00	796.63	802.76	799.34	3.93	3.94	136.10	104.41	153.36	220.16	211.37	8.79	25.051		
900.00	894.44	902.34	896.80	4.16	4.15	134.45	121.98	142.98	232.58	223.38	9.20	25.278		
1,000.00	991.46	1,001.16	993.43	4.44	4.39	133.40	139.81	132.43	247.46	237.78	9.68	25.563		
1,100.00	1,088.03	1,100.17	1,089.90	4.76	4.66	132.95	157.61	121.90	263.62	253.40	10.21	25.808		
1,200.00	1,184.60	1,201.51	1,186.37	5.11	4.96	132.56	175.41	111.38	279.79	268.99	10.80	25.911		
1,300.00	1,281.17	1,302.84	1,282.85	5.49	5.27	132.21	193.21	100.85	295.98	284.55	11.42	25.915		
1,400.00	1,377.74	1,404.17	1,379.32	5.89	5.60	131.90	211.01	90.32	312.17	300.09	12.08	25.848		
1,500.00	1,474.31	1,505.51	1,475.80	6.31	5.94	131.61	228.82	79.79	328.37	315.61	12.76	25.734		
1,600.00	1,570.88	1,606.84	1,572.27	6.73	6.29	131.36	246.62	69.26	344.58	331.11	13.47	25.587		
1,700.00	1,667.45	1,708.18	1,668.75	7.17	6.63	131.13	264.42	58.73	360.80	346.62	14.18	25.444		
1,800.00	1,764.02	1,809.51	1,765.22	7.42	6.82	130.91	282.22	48.21	377.02	362.82	14.20	26.547		
1,900.00	1,860.59	1,889.16	1,861.70	7.50	6.87	130.72	300.03	37.68	393.24	378.94	14.31	27.488		
2,000.00	1,957.16	1,987.82	1,958.17	7.60	6.94	130.54	317.83	27.15	409.47	395.00	14.47	28.300		
2,100.00	2,053.73	2,086.49	2,054.64	7.75	7.04	130.37	335.63	16.62	425.71	411.02	14.68	28.995		
2,200.00	2,150.30	2,185.16	2,151.12	7.92	7.17	130.22	353.43	6.09	441.94	427.00	14.94	29.575		
2,300.00	2,246.87	2,283.82	2,247.59	8.12	7.31	130.08	371.23	-4.44	458.18	442.93	15.25	30.046		
2,400.00	2,343.44	2,382.49	2,344.07	8.34	7.47	129.94	389.04	-14.96	474.42	458.82	15.60	30.416		
2,500.00	2,440.01	2,481.16	2,440.54	8.60	7.66	129.82	406.84	-25.49	490.67	474.68	15.99	30.693		
2,600.00	2,536.58	2,579.82	2,537.02	8.87	7.86	129.70	424.64	-36.02	506.91	490.50	16.41	30.887		
2,700.00	2,633.15	2,678.49	2,633.49	9.16	8.08	129.60	442.44	-46.55	523.16	506.29	16.87	31.009		
2,800.00	2,729.72	2,777.16	2,729.96	9.47	8.31	129.49	460.24	-57.08	539.41	522.05	17.36	31.068		
2,900.00	2,826.29	2,875.82	2,826.44	9.80	8.55	129.40	478.05	-67.61	555.66	537.78	17.88	31.074		
3,000.00	2,922.86	2,974.49	2,922.91	10.15	8.81	129.31	495.85	-78.13	571.91	553.49	18.43	31.036		
3,100.00	3,019.43	3,073.16	3,019.39	10.50	9.08	129.22	513.65	-88.66	588.17	569.17	19.00	30.960		
3,200.00	3,116.00	3,171.82	3,115.86	10.87	9.36	129.14	531.45	-99.19	604.42	584.84	19.59	30.855		
3,300.00	3,212.57	3,270.49	3,212.34	11.25	9.65	129.06	549.25	-109.72	620.68	600.48	20.20	30.726		
3,400.00	3,309.14	3,369.15	3,308.81	11.65	9.95	128.99	567.06	-120.25	636.94	616.11	20.83	30.577		
3,500.00	3,405.71	3,467.82	3,405.29	12.04	10.25	128.92	584.86	-130.78	653.20	631.72	21.48	30.414		
3,600.00	3,502.28	3,566.49	3,501.76	12.45	10.57	128.85	602.66	-141.30	669.46	647.32	22.14	30.241		
3,700.00	3,598.85	3,665.15	3,598.23	12.87	10.89	128.79	620.46	-151.83	685.72	662.90	22.81	30.059		
3,800.00	3,695.42	3,763.82	3,694.71	13.29	11.21	128.73	638.26	-162.36	701.98	678.48	23.50	29.871		
3,900.00	3,791.99	3,862.49	3,791.18	13.72	11.55	128.67	656.07	-172.89	718.24	694.04	24.20	29.681		
4,000.00	3,888.56	3,961.15	3,887.66	14.15	11.88	128.62	673.87	-183.42	734.50	709.59	24.91	29.489		
4,100.00	3,985.13	4,059.82	3,984.13	14.59	12.22	128.57	691.67	-193.95	750.76	725.14	25.63	29.296		
4,200.00	4,081.70	4,158.49	4,080.61	15.03	12.57	128.52	709.47	-204.47	767.03	740.67	26.35	29.104		
4,300.00	4,178.27	4,257.15	4,177.08	15.48	12.92	128.47	727.27	-215.00	783.29	756.20	27.09	28.914		
4,400.00	4,274.84	4,355.82	4,273.56	15.93	13.27	128.42	745.08	-225.53	799.56	771.72	27.83	28.727		
4,500.00	4,371.41	4,454.49	4,370.03	16.38	13.63	128.38	762.88	-236.06	815.82	787.24	28.58	28.542		
4,600.00	4,467.98	4,553.15	4,466.50	16.84	13.99	128.33	780.68	-246.59	832.09	802.75	29.34	28.361		
4,700.00	4,564.55	4,651.82	4,562.98	17.30	14.35	128.29	798.48	-257.11	848.35	818.25	30.10	28.183		
4,800.00	4,661.12	4,750.48	4,659.45	17.76	14.72	128.25	816.29	-267.64	864.62	833.75	30.87	28.009		
4,900.00	4,757.69	4,849.15	4,755.93	18.23	15.09	128.22	834.09	-278.17	880.89	849.24	31.64	27.840		
5,000.00	4,854.26	4,947.82	4,852.40	18.70	15.46	128.18	851.89	-288.70	897.15	864.73	32.42	27.674		
5,100.00	4,950.83	5,046.48	4,948.88	19.17	15.83	128.14	869.69	-299.23	913.42	880.22	33.20	27.513		
5,200.00	5,047.40	5,145.15	5,045.35	19.64	16.20	128.11	887.49	-309.76	929.69	895.70	33.99	27.355		
5,300.00	5,143.97	5,243.82	5,141.82	20.11	16.58	128.08	905.30	-320.28	945.96	911.18	34.77	27.202		
5,400.00	5,240.54	5,342.48	5,238.30	20.59	16.96	128.05	923.10	-330.81	962.23	926.66	35.57	27.054		
5,500.00	5,337.11	5,441.15	5,334.77	21.07	17.34	128.01	940.90	-341.34	978.49	942.13	36.36	26.909		
5,600.00	5,433.68	5,539.82	5,431.25	21.55	17.72	127.98	958.70	-351.87	994.76	957.60	37.16	26.768		
5,700.00	5,530.25	5,638.48	5,527.72	22.03	18.10	127.96	976.50	-362.40	1,011.03	973.07	37.96	26.631		
5,800.00	5,626.82	5,737.15	5,624.20	22.51	18.48	127.93	994.31	-372.93	1,027.30	988.53	38.77	26.498		
5,900.00	5,723.39	5,835.82	5,720.67	22.99	18.87	127.90	1,012.11	-383.45	1,043.57	1,003.99	39.58	26.368		
6,000.00	5,819.96	5,934.48	5,817.15	23.48	19.25	127.88	1,029.91	-393.98	1,059.84	1,019.45	40.39	26.243		
6,100.00	5,916.53	6,033.15	5,913.62	23.96	19.64	127.85	1,047.71	-404.51	1,076.11	1,034.91	41.20	26.121		
6,200.00	6,013.10	6,131.82	6,010.09	24.45	20.03	127.83	1,065.51	-415.04	1,092.38	1,050.37	42.01	26.002		
6,300.00	6,109.67	6,230.48	6,106.57	24.93	20.42	127.80	1,083.32	-425.57	1,108.65	1,065.82	42.83	25.886		
6,400.00	6,206.31	7,801.48	6,977.19	25.40	37.78	81.31	1,238.89	-1,409.96	1,051.07	1,006.47	44.60	23.568		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,304.86	7,811.77	6,977.16	25.61	38.01	35.33	1,238.81	-1,423.21	974.07	927.13	46.94	20.751	
6,600.00	6,404.33	7,809.37	6,977.17	25.73	37.96	-54.08	1,238.83	-1,420.81	901.00	851.72	49.28	18.283	
6,700.00	6,502.26	7,808.63	6,977.21	25.80	37.94	-83.44	1,238.94	-1,402.82	834.78	782.98	51.79	16.117	
6,800.00	6,596.25	7,758.24	6,977.30	25.88	36.81	-93.87	1,239.14	-1,369.68	777.92	724.60	53.32	14.589	
6,900.00	6,683.99	7,710.77	6,977.42	26.01	35.76	-98.10	1,239.44	-1,322.21	732.17	677.47	54.70	13.385	
7,000.00	6,763.31	7,650.14	6,977.57	26.26	34.47	-99.05	1,239.81	-1,261.58	698.15	642.63	55.52	12.575	
7,100.00	6,832.26	7,577.83	6,977.76	26.67	32.99	-98.04	1,240.26	-1,189.28	675.19	619.43	55.77	12.107	
7,200.00	6,889.14	7,504.36	6,977.96	27.31	31.56	-95.98	1,240.77	-1,107.09	661.55	605.77	55.78	11.861	
7,300.00	6,932.56	7,378.93	6,969.85	28.20	29.33	-92.15	1,239.93	-990.82	653.22	597.95	55.27	11.818	
7,400.00	6,961.43	7,270.04	6,943.70	29.35	27.61	-88.05	1,235.69	-885.33	647.04	592.07	54.97	11.770	
7,500.00	6,975.06	7,171.61	6,905.17	30.72	26.26	-83.95	1,229.07	-795.11	643.52	588.78	54.74	11.757 SF	
7,557.82	6,977.84	7,119.62	6,879.42	31.61	25.64	-81.46	1,224.56	-750.19	642.87	588.20	54.67	11.760	
7,600.00	6,977.71	7,083.75	6,859.59	32.26	25.24	-79.71	1,221.06	-720.51	643.16	588.56	54.60	11.779	
7,700.00	6,979.94	7,010.74	6,814.34	33.99	24.52	-75.53	1,213.00	-663.84	648.29	593.74	54.55	11.884	
7,800.00	6,982.17	6,950.73	6,772.56	35.89	23.99	-71.73	1,205.51	-621.44	661.24	606.75	54.50	12.133	
7,900.00	6,984.40	6,900.00	6,734.32	37.94	23.59	-68.33	1,198.61	-588.85	683.38	628.98	54.41	12.561	
8,000.00	6,986.62	6,860.47	6,702.82	40.10	23.31	-65.60	1,192.91	-565.67	715.11	660.81	54.30	13.169	
8,100.00	6,988.85	6,826.33	6,674.52	42.36	23.08	-63.21	1,187.78	-547.27	756.08	701.93	54.15	13.962	
8,200.00	6,991.08	6,800.00	6,652.07	44.70	22.91	-61.35	1,183.70	-534.15	805.49	751.49	54.01	14.915	
8,300.00	6,993.31	6,773.04	6,628.54	47.12	22.75	-59.45	1,179.41	-521.71	862.26	808.45	53.81	16.024	
8,400.00	6,995.54	6,750.00	6,608.04	49.60	22.61	-57.83	1,175.67	-511.89	925.35	871.74	53.61	17.260	
8,500.00	6,997.77	6,733.74	6,593.37	52.13	22.52	-56.69	1,172.99	-505.41	993.71	940.27	53.44	18.594	
8,600.00	6,999.99	6,717.80	6,578.83	54.70	22.44	-55.59	1,170.33	-499.44	1,066.50	1,013.24	53.26	20.026	
8,700.00	7,002.22	6,700.00	6,562.43	57.31	22.34	-54.36	1,167.33	-493.20	1,142.96	1,089.92	53.05	21.546	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	77.90	38.61	180.15	184.24				
100.00	100.00	103.00	97.00	3.28	3.28	77.90	38.61	180.15	184.24	176.71	7.53	24.476	
200.00	200.00	203.00	197.00	3.30	3.30	77.90	38.61	180.15	184.24	176.67	7.57	24.340	CC, ES
204.35	204.35	201.35	201.35	3.30	3.30	147.30	38.61	180.15	184.24	176.67	7.57	24.337	
300.00	300.00	298.22	298.22	3.34	3.34	147.26	38.94	179.91	184.45	176.80	7.65	24.103	
400.00	399.93	400.78	400.71	3.41	3.41	146.83	41.85	177.86	186.03	178.25	7.78	23.915	
500.00	499.68	503.24	502.91	3.50	3.51	145.96	47.75	173.69	189.17	181.22	7.95	23.796	
600.00	599.13	605.53	604.62	3.61	3.62	144.70	56.61	167.43	193.93	185.76	8.17	23.741	
700.00	698.15	707.59	705.65	3.75	3.77	143.10	68.39	159.10	200.38	191.94	8.44	23.738	
800.00	796.63	808.60	805.10	3.93	3.95	141.30	82.79	148.93	208.67	199.89	8.78	23.771	
900.00	894.44	907.90	902.75	4.16	4.15	140.01	97.57	138.48	219.57	210.39	9.18	23.926	
1,000.00	991.46	1,006.95	1,000.14	4.44	4.39	139.35	112.31	128.07	233.17	223.54	9.63	24.208	
1,100.00	1,088.03	1,105.82	1,097.35	4.76	4.64	139.21	127.02	117.67	248.15	238.02	10.13	24.491	
1,200.00	1,184.60	1,204.69	1,194.56	5.11	4.90	139.08	141.73	107.27	263.14	252.47	10.67	24.662	
1,300.00	1,281.17	1,303.56	1,291.78	5.49	5.19	138.97	156.45	96.87	278.13	266.89	11.24	24.743	
1,400.00	1,377.74	1,402.43	1,388.99	5.89	5.48	138.87	171.16	86.47	293.12	281.28	11.84	24.755	
1,500.00	1,474.31	1,501.30	1,486.20	6.31	5.79	138.78	185.88	76.07	308.11	295.65	12.46	24.719	
1,600.00	1,570.88	1,600.17	1,583.42	6.73	6.10	138.69	200.59	65.67	323.10	309.99	13.11	24.647	
1,700.00	1,667.45	1,700.96	1,680.63	7.17	6.43	138.62	215.30	55.27	338.09	324.32	13.78	24.542	
1,800.00	1,764.02	1,802.10	1,777.84	7.42	6.61	138.55	230.02	44.88	353.09	339.31	13.77	25.638	
1,900.00	1,860.59	1,903.23	1,875.06	7.50	6.66	138.48	244.73	34.48	368.08	354.21	13.87	26.543	
2,000.00	1,957.16	2,004.36	1,972.27	7.60	6.73	138.43	259.44	24.08	383.07	369.06	14.01	27.343	
2,100.00	2,053.73	2,105.49	2,069.48	7.75	6.82	138.37	274.16	13.68	398.06	383.87	14.20	28.035	
2,200.00	2,150.30	2,206.62	2,166.70	7.92	6.94	138.32	288.87	3.28	413.06	398.63	14.43	28.620	
2,300.00	2,246.87	2,307.75	2,263.91	8.12	7.07	138.28	303.58	-7.12	428.05	413.34	14.71	29.104	
2,400.00	2,343.44	2,408.88	2,361.12	8.34	7.22	138.23	318.30	-17.52	443.05	428.02	15.02	29.491	
2,500.00	2,440.01	2,489.99	2,458.34	8.60	7.36	138.19	333.01	-27.92	458.04	442.70	15.34	29.856	
2,600.00	2,536.58	2,588.86	2,555.55	8.87	7.54	138.15	347.73	-38.31	473.03	457.31	15.72	30.088	
2,700.00	2,633.15	2,687.73	2,652.76	9.16	7.73	138.12	362.44	-48.71	488.03	471.90	16.13	30.250	
2,800.00	2,729.72	2,786.59	2,749.98	9.47	7.94	138.08	377.15	-59.11	503.02	486.45	16.57	30.349	
2,900.00	2,826.29	2,885.46	2,847.19	9.80	8.16	138.05	391.87	-69.51	518.02	500.98	17.04	30.396	
3,000.00	2,922.86	2,984.33	2,944.40	10.15	8.39	138.02	406.58	-79.91	533.02	515.48	17.54	30.397	
3,100.00	3,019.43	3,083.20	3,041.62	10.50	8.63	137.99	421.29	-90.31	548.01	529.96	18.05	30.360	
3,200.00	3,116.00	3,182.07	3,138.83	10.87	8.89	137.97	436.01	-100.71	563.01	544.42	18.59	30.291	
3,300.00	3,212.57	3,280.94	3,236.04	11.25	9.15	137.94	450.72	-111.11	578.00	558.86	19.14	30.196	
3,400.00	3,309.14	3,379.81	3,333.26	11.65	9.42	137.92	465.44	-121.51	593.00	573.28	19.71	30.080	
3,500.00	3,405.71	3,478.68	3,430.47	12.04	9.70	137.90	480.15	-131.90	607.99	587.69	20.30	29.948	
3,600.00	3,502.28	3,577.55	3,527.68	12.45	9.98	137.87	494.86	-142.30	622.99	602.09	20.90	29.802	
3,700.00	3,598.85	3,676.41	3,624.90	12.87	10.27	137.85	509.58	-152.70	637.99	616.47	21.52	29.646	
3,800.00	3,695.42	3,775.28	3,722.11	13.29	10.57	137.83	524.29	-163.10	652.98	630.83	22.15	29.483	
3,900.00	3,791.99	3,874.15	3,819.32	13.72	10.87	137.81	539.00	-173.50	667.98	645.19	22.79	29.314	
4,000.00	3,888.56	3,973.02	3,916.54	14.15	11.18	137.80	553.72	-183.90	682.97	659.54	23.44	29.143	
4,100.00	3,985.13	4,071.89	4,013.75	14.59	11.49	137.78	568.43	-194.30	697.97	673.88	24.09	28.969	
4,200.00	4,081.70	4,170.76	4,110.96	15.03	11.81	137.76	583.15	-204.70	712.97	688.21	24.76	28.794	
4,300.00	4,178.27	4,269.63	4,208.18	15.48	12.13	137.75	597.86	-215.09	727.96	702.53	25.44	28.620	
4,400.00	4,274.84	4,368.50	4,305.39	15.93	12.45	137.73	612.57	-225.49	742.96	716.84	26.12	28.447	
4,500.00	4,371.41	4,467.37	4,402.60	16.38	12.78	137.72	627.29	-235.89	757.96	731.15	26.81	28.276	
4,600.00	4,467.98	4,566.24	4,499.82	16.84	13.11	137.70	642.00	-246.29	772.95	745.45	27.50	28.107	
4,700.00	4,564.55	4,665.10	4,597.03	17.30	13.44	137.69	656.71	-256.69	787.95	759.75	28.20	27.940	
4,800.00	4,661.12	4,763.97	4,694.24	17.76	13.78	137.68	671.43	-267.09	802.95	774.04	28.91	27.777	
4,900.00	4,757.69	4,862.84	4,791.46	18.23	14.12	137.66	686.14	-277.49	817.94	788.33	29.62	27.617	
5,000.00	4,854.26	4,961.71	4,888.67	18.70	14.46	137.65	700.85	-287.89	832.94	802.61	30.33	27.460	
5,100.00	4,950.83	5,060.58	4,985.88	19.17	14.80	137.64	715.57	-298.28	847.94	816.88	31.05	27.306	
5,200.00	5,047.40	5,159.45	5,083.10	19.64	15.14	137.63	730.28	-308.68	862.93	831.16	31.78	27.157	
5,300.00	5,143.97	5,258.32	5,180.31	20.11	15.49	137.62	745.00	-319.08	877.93	845.43	32.50	27.010	
5,400.00	5,240.54	5,357.19	5,277.52	20.59	15.84	137.61	759.71	-329.48	892.93	859.69	33.23	26.868	
5,500.00	5,337.11	5,456.06	5,374.74	21.07	16.19	137.60	774.42	-339.88	907.92	873.96	33.97	26.729	
5,600.00	5,433.68	5,554.92	5,471.95	21.55	16.54	137.59	789.14	-350.28	922.92	888.22	34.70	26.593	
5,700.00	5,530.25	5,653.79	5,569.16	22.03	16.89	137.58	803.85	-360.68	937.92	902.47	35.44	26.462	
5,800.00	5,626.82	5,752.66	5,666.38	22.51	17.25	137.57	818.56	-371.08	952.92	916.73	36.19	26.333	
5,900.00	5,723.39	5,851.53	5,763.59	22.99	17.60	137.56	833.28	-381.47	967.91	930.98	36.93	26.208	
6,000.00	5,819.96	5,950.40	5,860.80	23.48	17.96	137.55	847.99	-391.87	982.91	945.23	37.68	26.086	
6,100.00	5,916.53	6,049.27	5,958.02	23.96	18.31	137.54	862.71	-402.27	997.91	959.48	38.43	25.968	
6,200.00	6,013.10	6,148.14	6,055.23	24.45	18.67	137.53	877.42	-412.67	1,012.90	973.72	39.18	25.852	
6,300.00	6,109.67	6,247.01	6,152.44	24.93	19.03	137.53	892.13	-423.07	1,027.90	987.97	39.93	25.740	
6,400.00	6,206.31	7,830.23	7,042.10	25.40	36.83	89.98	1,021.71	-1,409.02	973.47	935.57	37.90	25.685	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,304.86	7,843.45	7,042.06	25.61	37.14	37.56	1,021.63	-1,422.24	884.84	845.05	39.79	22.240	
6,600.00	6,404.33	7,841.02	7,042.07	25.73	37.08	-57.77	1,021.64	-1,419.81	798.08	756.27	41.81	19.088	
6,700.00	6,502.26	7,823.00	7,042.12	25.80	36.66	-90.95	1,021.75	-1,401.79	716.24	672.27	43.96	16.291	
6,800.00	6,596.25	7,789.83	7,042.22	25.88	35.89	-103.46	1,021.96	-1,368.62	642.30	596.10	46.20	13.904	
6,900.00	6,683.99	7,742.34	7,042.35	26.01	34.82	-108.70	1,022.25	-1,321.13	578.92	530.53	48.39	11.964	
7,000.00	6,763.31	7,681.68	7,042.52	26.26	33.47	-110.01	1,022.62	-1,260.47	528.03	477.70	50.33	10.492	
7,100.00	6,832.26	7,609.36	7,042.73	26.67	31.93	-108.88	1,023.06	-1,188.15	490.37	438.55	51.82	9.464	
7,200.00	6,889.14	7,527.15	7,042.96	27.31	30.28	-106.36	1,023.57	-1,105.95	465.18	412.42	52.76	8.817	
7,300.00	6,932.56	7,408.01	7,034.48	28.20	28.06	-101.09	1,022.96	-987.27	447.85	394.31	53.55	8.364	
7,400.00	6,961.43	7,297.09	7,007.19	29.35	26.22	-95.21	1,019.42	-879.96	434.18	380.06	54.11	8.023	
7,500.00	6,975.06	7,197.33	6,967.26	30.72	24.80	-89.15	1,013.87	-788.82	425.47	371.12	54.35	7.829	
7,594.44	6,978.98	7,114.05	6,923.49	32.17	23.80	-82.86	1,007.62	-718.32	422.45	368.15	54.31	7.779 SF	
7,600.00	6,977.71	7,108.66	6,920.35	32.26	23.74	-82.61	1,007.17	-713.97	422.42	368.13	54.29	7.780	
7,700.00	6,979.94	7,035.37	6,874.11	33.99	23.00	-76.15	1,000.46	-657.55	427.78	373.87	53.91	7.935	
7,800.00	6,982.17	6,975.41	6,831.72	35.89	22.47	-70.38	994.26	-615.63	444.94	391.80	53.14	8.373	
7,900.00	6,984.40	6,926.25	6,794.18	37.94	22.08	-65.48	988.74	-584.39	475.24	423.12	52.13	9.117	
8,000.00	6,986.62	6,885.68	6,761.48	40.10	21.79	-61.42	983.90	-560.88	518.13	467.06	51.07	10.145	
8,100.00	6,988.85	6,850.00	6,731.56	42.36	21.55	-57.88	979.46	-541.98	571.90	521.81	50.09	11.417	
8,200.00	6,991.08	6,823.42	6,708.61	44.70	21.39	-55.29	976.05	-529.01	634.52	585.23	49.29	12.873	
8,300.00	6,993.31	6,800.00	6,687.96	47.12	21.24	-53.06	972.97	-518.40	704.12	655.50	48.62	14.481	
8,400.00	6,995.54	6,778.50	6,668.67	49.60	21.13	-51.06	970.09	-509.34	779.16	731.09	48.07	16.209	
8,500.00	6,997.77	6,750.00	6,642.67	52.13	20.97	-48.49	966.20	-498.35	858.56	811.00	47.57	18.050	
8,600.00	6,999.99	6,750.00	6,642.67	54.70	20.97	-48.49	966.20	-498.35	941.03	893.77	47.26	19.911	
8,700.00	7,002.22	6,731.06	6,625.13	57.31	20.88	-46.84	963.57	-491.71	1,026.19	979.26	46.93	21.866	
8,800.00	7,004.45	6,718.85	6,613.72	59.96	20.82	-45.80	961.86	-487.71	1,113.48	1,066.81	46.67	23.860	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	114.37	-81.24	179.31	196.86				
100.00	100.00	103.00	97.00	3.28	3.28	114.37	-81.24	179.31	196.86	189.33	7.53	26.152	
200.00	200.00	203.00	197.00	3.30	3.30	114.37	-81.24	179.31	196.86	189.29	7.57	26.007	CC, ES
200.01	200.01	202.99	197.01	3.30	3.30	114.37	-81.24	179.31	196.86	189.29	7.57	26.007	
300.00	300.00	299.51	299.51	3.34	3.34	-176.15	-81.37	178.91	197.00	189.34	7.65	25.746	
400.00	399.93	404.80	404.72	3.41	3.41	-175.49	-82.54	175.34	197.86	190.09	7.77	25.465	
500.00	499.68	509.95	509.60	3.50	3.50	-174.15	-84.90	168.11	199.59	191.66	7.93	25.160	
600.00	599.13	612.12	611.21	3.61	3.61	-172.36	-88.19	158.06	202.70	194.56	8.15	24.878	
700.00	698.15	711.73	710.25	3.75	3.75	-170.72	-91.51	147.89	209.17	200.76	8.41	24.860	
800.00	796.63	811.10	809.04	3.93	3.91	-169.33	-94.83	137.74	219.22	210.49	8.73	25.121	
900.00	894.44	910.08	907.45	4.16	4.09	-168.22	-98.14	127.62	232.77	223.68	9.08	25.627	
1,000.00	991.46	1,008.57	1,005.37	4.44	4.28	-167.39	-101.43	117.56	249.75	240.27	9.48	26.342	
1,100.00	1,088.03	1,106.76	1,102.99	4.76	4.49	-166.81	-104.71	107.53	268.52	258.61	9.91	27.096	
1,200.00	1,184.60	1,204.95	1,200.61	5.11	4.71	-166.31	-107.98	97.50	287.32	276.95	10.36	27.722	
1,300.00	1,281.17	1,303.14	1,298.23	5.49	4.94	-165.87	-111.26	87.47	306.14	295.29	10.85	28.226	
1,400.00	1,377.74	1,401.33	1,395.85	5.89	5.18	-165.49	-114.54	77.44	324.97	313.62	11.35	28.630	
1,500.00	1,474.31	1,500.48	1,493.47	6.31	5.44	-165.14	-117.82	67.41	343.81	331.93	11.88	28.946	
1,600.00	1,570.88	1,602.29	1,591.09	6.73	5.70	-164.84	-121.10	57.38	362.67	350.24	12.43	29.178	
1,700.00	1,667.45	1,704.11	1,688.71	7.17	5.97	-164.56	-124.38	47.34	381.53	368.54	12.99	29.368	
1,800.00	1,764.02	1,794.08	1,786.33	7.42	6.10	-164.31	-127.66	37.31	400.40	387.49	12.91	31.008	
1,900.00	1,860.59	1,907.73	1,883.95	7.50	6.14	-164.08	-130.93	27.28	419.28	406.30	12.98	32.305	
2,000.00	1,957.16	2,009.54	1,981.57	7.60	6.18	-163.87	-134.21	17.25	438.17	425.09	13.07	33.515	
2,100.00	2,053.73	2,088.65	2,079.19	7.75	6.23	-163.67	-137.49	7.22	457.06	443.86	13.19	34.647	
2,200.00	2,150.30	2,186.84	2,176.81	7.92	6.31	-163.50	-140.77	-2.81	475.95	462.60	13.35	35.640	
2,300.00	2,246.87	2,285.03	2,274.43	8.12	6.39	-163.33	-144.05	-12.84	494.85	481.30	13.55	36.516	
2,400.00	2,343.44	2,383.21	2,372.05	8.34	6.50	-163.18	-147.33	-22.87	513.75	499.97	13.78	37.279	
2,500.00	2,440.01	2,481.40	2,469.67	8.60	6.62	-163.04	-150.61	-32.90	532.66	518.61	14.04	37.932	
2,600.00	2,536.58	2,579.59	2,567.29	8.87	6.75	-162.91	-153.89	-42.93	551.56	537.23	14.33	38.483	
2,700.00	2,633.15	2,677.78	2,664.91	9.16	6.89	-162.79	-157.16	-52.97	570.48	555.82	14.65	38.938	
2,800.00	2,729.72	2,775.97	2,762.53	9.47	7.04	-162.67	-160.44	-63.00	589.39	574.39	15.00	39.306	
2,900.00	2,826.29	2,874.16	2,860.15	9.80	7.21	-162.57	-163.72	-73.03	608.30	592.94	15.36	39.595	
3,000.00	2,922.86	2,972.35	2,957.77	10.15	7.38	-162.47	-167.00	-83.06	627.22	611.47	15.75	39.814	
3,100.00	3,019.43	3,070.53	3,055.39	10.50	7.57	-162.37	-170.28	-93.09	646.14	629.97	16.17	39.971	
3,200.00	3,116.00	3,168.72	3,153.01	10.87	7.76	-162.28	-173.56	-103.12	665.06	648.46	16.60	40.074	
3,300.00	3,212.57	3,266.91	3,250.63	11.25	7.97	-162.20	-176.84	-113.15	683.98	666.94	17.04	40.130	
3,400.00	3,309.14	3,365.10	3,348.25	11.65	8.18	-162.12	-180.12	-123.18	702.91	685.40	17.51	40.146	
3,500.00	3,405.71	3,463.29	3,445.87	12.04	8.39	-162.04	-183.39	-133.21	721.83	703.84	17.99	40.128	
3,600.00	3,502.28	3,561.48	3,543.49	12.45	8.61	-161.97	-186.67	-143.24	740.76	722.27	18.48	40.080	
3,700.00	3,598.85	3,659.67	3,641.11	12.87	8.84	-161.90	-189.95	-153.27	759.68	740.70	18.99	40.008	
3,800.00	3,695.42	3,757.85	3,738.73	13.29	9.08	-161.84	-193.23	-163.31	778.61	759.11	19.51	39.916	
3,900.00	3,791.99	3,856.04	3,836.35	13.72	9.32	-161.77	-196.51	-173.34	797.54	777.51	20.03	39.808	
4,000.00	3,888.56	3,954.23	3,933.97	14.15	9.56	-161.72	-199.79	-183.37	816.47	795.90	20.57	39.685	
4,100.00	3,985.13	4,052.42	4,031.59	14.59	9.81	-161.66	-203.07	-193.40	835.40	814.28	21.12	39.552	
4,200.00	4,081.70	4,150.61	4,129.21	15.03	10.06	-161.60	-206.34	-203.43	854.33	832.65	21.68	39.410	
4,300.00	4,178.27	4,248.80	4,226.83	15.48	10.32	-161.55	-209.62	-213.46	873.26	851.02	22.24	39.261	
4,400.00	4,274.84	4,346.99	4,324.45	15.93	10.58	-161.50	-212.90	-223.49	892.20	869.38	22.81	39.107	
4,500.00	4,371.41	4,445.17	4,422.07	16.38	10.84	-161.46	-216.18	-233.52	911.13	887.74	23.39	38.950	
4,600.00	4,467.98	4,543.36	4,519.68	16.84	11.11	-161.41	-219.46	-243.55	930.06	906.09	23.98	38.790	
4,700.00	4,564.55	4,641.55	4,617.30	17.30	11.37	-161.37	-222.74	-253.58	949.00	924.43	24.57	38.629	
4,800.00	4,661.12	4,739.74	4,714.92	17.76	11.65	-161.33	-226.02	-263.62	967.93	942.77	25.16	38.466	
4,900.00	4,757.69	4,837.93	4,812.54	18.23	11.92	-161.29	-229.30	-273.65	986.87	961.10	25.76	38.304	
5,000.00	4,854.26	4,936.12	4,910.16	18.70	12.19	-161.25	-232.57	-283.68	1,005.80	979.43	26.37	38.143	
5,100.00	4,950.83	5,034.31	5,007.78	19.17	12.47	-161.21	-235.85	-293.71	1,024.74	997.76	26.98	37.983	
5,200.00	5,047.40	5,132.50	5,105.40	19.64	12.75	-161.17	-239.13	-303.74	1,043.68	1,016.08	27.59	37.824	
5,300.00	5,143.97	5,230.68	5,203.02	20.11	13.03	-161.14	-242.41	-313.77	1,062.61	1,034.40	28.21	37.667	
5,400.00	5,240.54	5,328.87	5,300.64	20.59	13.32	-161.10	-245.69	-323.80	1,081.55	1,052.72	28.83	37.512	
5,500.00	5,337.11	5,427.06	5,398.26	21.07	13.60	-161.07	-248.97	-333.83	1,100.49	1,071.03	29.46	37.360	
5,600.00	5,433.68	5,525.25	5,495.88	21.55	13.89	-161.04	-252.25	-343.86	1,119.43	1,089.34	30.08	37.210	
5,700.00	5,530.25	5,623.44	5,593.50	22.03	14.18	-161.01	-255.53	-353.89	1,138.36	1,107.65	30.72	37.062	
5,800.00	5,626.82	5,721.63	5,691.12	22.51	14.47	-160.98	-258.80	-363.92	1,157.30	1,125.95	31.35	36.917	
5,900.00	5,723.39	5,819.82	5,788.74	22.99	14.76	-160.95	-262.08	-373.96	1,176.24	1,144.26	31.98	36.775	
6,000.00	5,819.96	5,918.00	5,886.36	23.48	15.05	-160.93	-265.36	-383.99	1,195.18	1,162.56	32.62	36.636	
6,600.00	6,404.33	7,878.63	7,155.51	25.73	35.15	136.06	-312.15	-1,412.28	1,142.37	1,092.59	49.78	22.949	
6,700.00	6,502.26	7,860.76	7,155.54	25.80	34.71	117.88	-312.07	-1,394.40	1,087.07	1,035.55	51.53	21.097	
6,800.00	6,596.25	7,827.73	7,155.59	25.88	33.90	113.76	-311.91	-1,361.37	1,039.75	986.89	52.87	19.668	
6,900.00	6,683.99	7,780.36	7,155.66	26.01	32.77	111.75	-311.70	-1,314.01	1,001.33	947.61	53.72	18.639	

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
7,000.00	6,763.31	7,719.82	7,155.75	26.26	31.35	109.85	-311.42	-1,253.46	971.86	917.77	54.09	17.966			
7,100.00	6,832.26	7,647.59	7,155.86	26.67	29.72	107.72	-311.09	-1,181.24	950.57	896.51	54.06	17.583			
7,200.00	6,889.14	7,565.47	7,155.99	27.31	27.93	105.53	-310.71	-1,099.12	936.09	882.34	53.75	17.416			
7,300.00	6,932.56	7,423.02	7,142.32	28.20	25.07	101.64	-309.60	-957.63	924.44	872.06	52.38	17.649			
7,400.00	6,961.43	7,297.01	7,104.35	29.35	22.85	98.03	-307.79	-837.70	912.66	860.91	51.74	17.638			
7,500.00	6,975.06	7,188.53	7,053.30	30.72	21.28	94.87	-305.66	-742.15	902.01	850.20	51.81	17.409			
7,600.00	6,977.71	7,095.78	6,997.32	32.26	20.17	91.37	-303.46	-668.33	893.44	841.02	52.42	17.045			
7,700.00	6,979.94	7,022.39	6,945.80	33.99	19.46	87.97	-301.52	-616.17	889.15	835.66	53.49	16.624			
7,720.67	6,980.40	7,009.28	6,935.98	34.39	19.34	87.33	-301.15	-607.49	889.00	835.25	53.75	16.540			
7,800.00	6,982.17	6,964.45	6,901.09	35.89	18.97	85.04	-299.86	-579.39	891.26	836.51	54.76	16.276			
7,900.00	6,984.40	6,918.27	6,863.17	37.94	18.63	82.57	-298.49	-553.08	901.15	845.10	56.05	16.078			
8,000.00	6,986.62	6,880.96	6,831.21	40.10	18.38	80.50	-297.34	-533.88	919.48	862.27	57.22	16.070 SF			
8,100.00	6,988.85	6,850.00	6,803.87	42.36	18.18	78.75	-296.37	-519.39	946.38	888.21	58.17	16.269			
8,200.00	6,991.08	6,824.97	6,781.28	44.70	18.04	77.32	-295.57	-508.66	981.55	922.65	58.90	16.665			
8,300.00	6,993.31	6,800.00	6,758.33	47.12	17.90	75.88	-294.76	-498.85	1,024.42	965.07	59.35	17.259			
8,400.00	6,995.54	6,785.39	6,744.73	49.60	17.83	75.03	-294.29	-493.52	1,074.23	1,014.57	59.66	18.007			
8,500.00	6,997.77	6,769.73	6,730.02	52.13	17.75	74.13	-293.78	-488.17	1,130.22	1,070.46	59.76	18.913			
8,600.00	6,999.99	6,750.00	6,711.31	54.70	17.66	72.98	-293.13	-481.94	1,191.64	1,131.95	59.69	19.963			

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	3.00	-3.00	3.28	3.28	108.85	-61.21	179.31	189.47					
100.00	100.00	103.00	97.00	3.28	3.28	108.85	-61.21	179.31	189.47	181.94	7.53	25.171		
200.00	200.00	203.00	197.00	3.30	3.30	108.85	-61.21	179.31	189.47	181.90	7.57	25.031	CC	
300.00	300.00	300.10	300.09	3.34	3.34	178.30	-61.22	178.88	189.52	181.87	7.65	24.768	ES	
400.00	399.93	406.67	406.59	3.41	3.41	178.75	-61.36	175.03	189.65	181.88	7.77	24.404		
500.00	499.68	513.18	512.81	3.50	3.50	179.65	-61.63	167.24	189.82	181.89	7.93	23.937		
600.00	599.13	615.50	614.59	3.61	3.62	-179.13	-61.99	156.73	190.79	182.65	8.14	23.442		
700.00	698.15	715.33	713.86	3.75	3.76	-177.96	-62.36	146.22	195.10	186.70	8.40	23.233		
800.00	796.63	814.95	812.92	3.93	3.92	-176.89	-62.73	135.72	202.97	194.27	8.70	23.329		
900.00	894.44	914.23	911.66	4.16	4.10	-175.96	-63.09	125.27	214.36	205.32	9.04	23.701		
1,000.00	991.46	1,013.07	1,009.94	4.44	4.29	-175.18	-63.46	114.85	229.25	219.83	9.43	24.316		
1,100.00	1,088.03	1,111.63	1,107.95	4.76	4.50	-174.56	-63.82	104.47	245.98	236.14	9.84	24.995		
1,200.00	1,184.60	1,210.19	1,205.96	5.11	4.72	-174.02	-64.18	94.09	262.73	252.45	10.28	25.563		
1,300.00	1,281.17	1,308.75	1,303.97	5.49	4.95	-173.55	-64.54	83.71	279.50	268.76	10.74	26.024		
1,400.00	1,377.74	1,407.31	1,401.98	5.89	5.19	-173.13	-64.91	73.33	296.29	285.07	11.22	26.398		
1,500.00	1,474.31	1,505.86	1,499.99	6.31	5.43	-172.75	-65.27	62.95	313.09	301.36	11.73	26.697		
1,600.00	1,570.88	1,604.42	1,598.00	6.73	5.69	-172.41	-65.63	52.57	329.91	317.66	12.25	26.937		
1,700.00	1,667.45	1,702.98	1,696.01	7.17	5.95	-172.11	-66.00	42.19	346.73	333.95	12.78	27.127		
1,800.00	1,764.02	1,801.54	1,794.02	7.42	6.08	-171.83	-66.36	31.80	363.56	350.87	12.69	28.645		
1,900.00	1,860.59	1,900.10	1,892.03	7.50	6.11	-171.58	-66.72	21.42	380.40	367.66	12.74	29.866		
2,000.00	1,957.16	1,998.66	1,990.04	7.60	6.15	-171.35	-67.08	11.04	397.25	384.43	12.82	30.993		
2,100.00	2,053.73	2,102.78	2,088.05	7.75	6.21	-171.14	-67.45	0.66	414.10	401.16	12.94	32.012		
2,200.00	2,150.30	2,204.22	2,186.06	7.92	6.29	-170.94	-67.81	-9.72	430.96	417.87	13.09	32.929		
2,300.00	2,246.87	2,305.67	2,284.07	8.12	6.38	-170.76	-68.17	-20.10	447.82	434.55	13.27	33.739		
2,400.00	2,343.44	2,407.11	2,382.08	8.34	6.49	-170.59	-68.53	-30.48	464.68	451.19	13.49	34.445		
2,500.00	2,440.01	2,491.45	2,480.09	8.60	6.59	-170.44	-68.90	-40.87	481.55	467.83	13.72	35.100		
2,600.00	2,536.58	2,609.99	2,578.10	8.87	6.75	-170.29	-69.26	-51.25	498.43	484.41	14.02	35.562		
2,700.00	2,633.15	2,688.57	2,676.11	9.16	6.86	-170.15	-69.62	-61.63	515.30	501.01	14.29	36.063		
2,800.00	2,729.72	2,787.13	2,774.12	9.47	7.02	-170.03	-69.98	-72.01	532.18	517.57	14.61	36.420		
2,900.00	2,826.29	2,885.69	2,872.13	9.80	7.18	-169.91	-70.35	-82.39	549.06	534.10	14.96	36.705		
3,000.00	2,922.86	2,984.25	2,970.14	10.15	7.35	-169.79	-70.71	-92.77	565.94	550.62	15.33	36.925		
3,100.00	3,019.43	3,082.80	3,068.15	10.50	7.54	-169.69	-71.07	-103.15	582.83	567.11	15.72	37.086		
3,200.00	3,116.00	3,181.36	3,166.16	10.87	7.73	-169.59	-71.43	-113.54	599.72	583.59	16.12	37.197		
3,300.00	3,212.57	3,279.92	3,264.17	11.25	7.93	-169.49	-71.80	-123.92	616.60	600.06	16.55	37.263		
3,400.00	3,309.14	3,378.48	3,362.18	11.65	8.14	-169.41	-72.16	-134.30	633.49	616.51	16.99	37.292		
3,500.00	3,405.71	3,477.04	3,460.19	12.04	8.35	-169.32	-72.52	-144.68	650.38	632.94	17.44	37.287		
3,600.00	3,502.28	3,575.60	3,558.20	12.45	8.57	-169.24	-72.88	-155.06	667.28	649.37	17.91	37.254		
3,700.00	3,598.85	3,674.16	3,656.21	12.87	8.80	-169.16	-73.25	-165.44	684.17	665.78	18.39	37.198		
3,800.00	3,695.42	3,772.71	3,754.22	13.29	9.03	-169.09	-73.61	-175.82	701.07	682.18	18.89	37.122		
3,900.00	3,791.99	3,871.27	3,852.23	13.72	9.27	-169.02	-73.97	-186.21	717.96	698.57	19.39	37.029		
4,000.00	3,888.56	3,969.83	3,950.24	14.15	9.51	-168.96	-74.34	-196.59	734.86	714.96	19.90	36.923		
4,100.00	3,985.13	4,068.39	4,048.25	14.59	9.75	-168.89	-74.70	-206.97	751.76	731.33	20.42	36.806		
4,200.00	4,081.70	4,166.95	4,146.26	15.03	10.00	-168.83	-75.06	-217.35	768.66	747.70	20.96	36.680		
4,300.00	4,178.27	4,265.51	4,244.27	15.48	10.26	-168.77	-75.42	-227.73	785.55	764.06	21.49	36.547		
4,400.00	4,274.84	4,364.07	4,342.28	15.93	10.51	-168.72	-75.79	-238.11	802.45	780.41	22.04	36.408		
4,500.00	4,371.41	4,462.63	4,440.29	16.38	10.77	-168.67	-76.15	-248.49	819.36	796.76	22.59	36.266		
4,600.00	4,467.98	4,561.18	4,538.29	16.84	11.04	-168.62	-76.51	-258.88	836.26	813.11	23.15	36.121		
4,700.00	4,564.55	4,659.74	4,636.30	17.30	11.30	-168.57	-76.87	-269.26	853.16	829.44	23.72	35.974		
4,800.00	4,661.12	4,758.30	4,734.31	17.76	11.57	-168.52	-77.24	-279.64	870.06	845.78	24.29	35.826		
4,900.00	4,757.69	4,856.86	4,832.32	18.23	11.84	-168.47	-77.60	-290.02	886.97	862.10	24.86	35.677		
5,000.00	4,854.26	4,955.42	4,930.33	18.70	12.11	-168.43	-77.96	-300.40	903.87	878.43	25.44	35.529		
5,100.00	4,950.83	5,053.98	5,028.34	19.17	12.39	-168.39	-78.32	-310.78	920.77	894.75	26.02	35.382		
5,200.00	5,047.40	5,152.54	5,126.35	19.64	12.67	-168.35	-78.69	-321.16	937.68	911.07	26.61	35.235		
5,300.00	5,143.97	5,251.09	5,224.36	20.11	12.94	-168.31	-79.05	-331.55	954.58	927.38	27.20	35.090		
5,400.00	5,240.54	5,349.65	5,322.37	20.59	13.22	-168.27	-79.41	-341.93	971.49	943.69	27.80	34.947		
5,500.00	5,337.11	5,448.21	5,420.38	21.07	13.51	-168.24	-79.77	-352.31	988.39	960.00	28.40	34.806		
5,600.00	5,433.68	5,546.77	5,518.39	21.55	13.79	-168.20	-80.14	-362.69	1,005.30	976.30	29.00	34.667		
5,700.00	5,530.25	5,645.33	5,616.40	22.03	14.08	-168.17	-80.50	-373.07	1,022.21	992.60	29.60	34.530		
5,800.00	5,626.82	5,743.89	5,714.41	22.51	14.36	-168.13	-80.86	-383.45	1,039.12	1,008.90	30.21	34.395		
5,900.00	5,723.39	5,842.45	5,812.42	22.99	14.65	-168.10	-81.22	-393.83	1,056.02	1,025.20	30.82	34.263		
6,000.00	5,819.96	5,941.01	5,910.43	23.48	14.94	-168.07	-81.59	-404.21	1,072.93	1,041.50	31.43	34.134		
6,100.00	5,916.53	6,039.56	6,008.44	23.96	15.23	-168.04	-81.95							

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 Depth (usft)	Vertical Depth (usft)	Measured Depth Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,600.00	6,404.33	7,683.23	6,962.57	25.73	34.83	136.00	-90.67	-1,412.12	848.65	798.96	49.69	17.080			
6,700.00	6,502.26	7,665.36	6,962.59	25.80	34.39	117.31	-90.57	-1,394.25	794.27	742.16	52.11	15.242			
6,800.00	6,596.25	7,632.34	6,962.64	25.88	33.57	112.12	-90.38	-1,361.23	750.27	696.24	54.02	13.889			
6,900.00	6,683.99	7,584.98	6,962.70	26.01	32.42	108.60	-90.10	-1,313.87	717.69	662.46	55.22	12.996			
7,000.00	6,763.31	7,524.45	6,962.78	26.26	30.98	104.84	-89.75	-1,253.34	696.20	640.55	55.65	12.509			
7,100.00	6,832.26	7,452.23	6,962.88	26.67	29.32	100.71	-89.33	-1,181.13	684.13	628.71	55.42	12.345 SF			
7,200.00	6,889.14	7,370.11	6,962.99	27.31	27.49	96.58	-88.86	-1,099.01	678.87	624.12	54.75	12.400			
7,300.00	6,932.56	7,275.85	6,957.51	28.20	25.52	92.41	-88.30	-1,004.99	677.24	623.39	53.86	12.575			
7,330.23	6,942.86	7,248.34	6,953.31	28.55	24.96	91.20	-88.13	-977.81	677.15	623.48	53.67	12.617			
7,400.00	6,961.43	7,186.94	6,939.75	29.35	23.77	88.54	-87.74	-917.95	677.60	624.30	53.30	12.713			
7,500.00	6,975.06	7,103.25	6,912.10	30.72	22.28	85.02	-87.20	-839.02	679.62	626.52	53.09	12.800			
7,600.00	6,977.71	7,025.54	6,877.38	32.26	21.08	81.88	-86.69	-769.56	683.88	630.66	53.22	12.851			
7,700.00	6,979.94	6,957.73	6,840.35	33.99	20.15	78.71	-86.24	-712.79	693.50	639.91	53.59	12.941			
7,800.00	6,982.17	6,900.00	6,804.22	35.89	19.46	75.69	-85.87	-667.79	710.05	655.98	54.07	13.132			
7,900.00	6,984.40	6,850.00	6,769.74	37.94	18.93	72.89	-85.56	-631.59	734.46	679.96	54.50	13.476			
8,000.00	6,986.62	6,806.80	6,737.74	40.10	18.53	70.37	-85.29	-602.58	767.08	712.28	54.80	13.997			
8,100.00	6,988.85	6,770.16	6,709.12	42.36	18.22	68.19	-85.07	-579.73	807.71	752.75	54.96	14.697			
8,200.00	6,991.08	6,738.59	6,683.43	44.70	17.97	66.28	-84.88	-561.38	855.80	800.86	54.95	15.574			
8,300.00	6,993.31	6,711.22	6,660.45	47.12	17.77	64.63	-84.73	-546.52	910.61	855.80	54.82	16.612			
8,400.00	6,995.54	6,687.35	6,639.90	49.60	17.61	63.18	-84.59	-534.38	971.30	916.72	54.58	17.794			
8,500.00	6,997.77	6,666.40	6,621.50	52.13	17.47	61.92	-84.48	-524.37	1,037.08	982.79	54.29	19.103			
8,600.00	6,999.99	6,650.00	6,606.87	54.70	17.37	60.94	-84.39	-516.95	1,107.20	1,053.24	53.96	20.518			
8,700.00	7,002.22	6,631.50	6,590.15	57.31	17.26	59.84	-84.29	-509.04	1,181.01	1,127.40	53.60	22.033			

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1										Offset Site Error:0.00 usft			
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	102.91	-41.17	179.59	184.25				
100.00	100.00	103.00	97.00	3.28	3.28	102.91	-41.17	179.59	184.25	176.72	7.53	24.477	
200.00	200.00	203.00	197.00	3.30	3.30	102.91	-41.17	179.59	184.25	176.68	7.57	24.341	
300.00	300.00	300.23	300.23	3.34	3.34	172.33	-41.07	179.16	184.27	176.62	7.65	24.080	
400.00	399.93	407.10	407.02	3.41	3.41	172.47	-40.15	175.41	184.11	176.34	7.77	23.690	
500.00	499.68	513.96	513.58	3.50	3.51	172.74	-38.27	167.79	183.69	175.76	7.93	23.165	
559.87	559.26	576.61	575.91	3.56	3.58	172.97	-36.75	161.59	183.38	175.33	8.05	22.794	CC, ES
600.00	599.13	616.74	615.81	3.61	3.63	173.14	-35.73	157.42	183.66	175.52	8.13	22.577	
700.00	698.15	716.67	715.16	3.75	3.77	173.64	-33.17	147.02	186.79	178.40	8.39	22.266	
800.00	796.63	816.42	814.34	3.93	3.93	174.22	-30.62	136.64	193.41	184.72	8.69	22.268	
900.00	894.44	915.88	913.23	4.16	4.11	174.85	-28.08	126.29	203.51	194.49	9.02	22.557	
1,000.00	991.46	1,014.92	1,011.70	4.44	4.30	175.48	-25.55	115.99	217.09	207.69	9.40	23.104	
1,100.00	1,088.03	1,113.70	1,109.91	4.76	4.51	176.10	-23.03	105.71	232.50	222.70	9.80	23.727	
1,200.00	1,184.60	1,212.48	1,208.12	5.11	4.73	176.63	-20.50	95.44	247.94	237.71	10.22	24.249	
1,300.00	1,281.17	1,311.25	1,306.32	5.49	4.96	177.11	-17.98	85.16	263.39	252.72	10.67	24.676	
1,400.00	1,377.74	1,410.03	1,404.53	5.89	5.20	177.53	-15.46	74.88	278.86	267.72	11.14	25.024	
1,500.00	1,474.31	1,508.81	1,502.74	6.31	5.45	177.91	-12.93	64.61	294.35	282.71	11.63	25.304	
1,600.00	1,570.88	1,607.58	1,600.95	6.73	5.70	178.25	-10.41	54.33	309.84	297.71	12.14	25.530	
1,700.00	1,667.45	1,706.36	1,699.16	7.17	5.96	178.55	-7.88	44.05	325.35	312.69	12.65	25.711	
1,800.00	1,764.02	1,805.13	1,797.36	7.42	6.08	178.83	-5.36	33.78	340.86	328.32	12.54	27.174	
1,900.00	1,860.59	1,903.91	1,895.57	7.50	6.11	179.09	-2.83	23.50	356.38	343.80	12.58	28.327	
2,000.00	1,957.16	2,002.69	1,993.78	7.60	6.15	179.32	-0.31	13.22	371.91	359.25	12.65	29.391	
2,100.00	2,053.73	2,101.46	2,091.99	7.75	6.21	179.53	2.21	2.95	387.44	374.68	12.76	30.366	
2,200.00	2,150.30	2,200.24	2,190.20	7.92	6.29	179.73	4.74	-7.33	402.97	390.08	12.90	31.245	
2,300.00	2,246.87	2,300.98	2,288.40	8.12	6.38	179.92	7.26	-17.61	418.52	405.45	13.07	32.024	
2,400.00	2,343.44	2,397.79	2,386.61	8.34	6.48	-179.91	9.79	-27.88	434.06	420.79	13.27	32.716	
2,500.00	2,440.01	2,496.57	2,484.82	8.60	6.60	-179.75	12.31	-38.16	449.61	436.11	13.50	33.313	
2,600.00	2,536.58	2,604.65	2,583.03	8.87	6.74	-179.61	14.83	-48.44	465.16	451.40	13.76	33.796	
2,700.00	2,633.15	2,705.88	2,681.24	9.16	6.89	-179.47	17.36	-58.71	480.72	466.67	14.05	34.213	
2,800.00	2,729.72	2,807.10	2,779.44	9.47	7.05	-179.34	19.88	-68.99	496.27	481.91	14.36	34.555	
2,900.00	2,826.29	2,908.32	2,877.65	9.80	7.22	-179.22	22.41	-79.27	511.83	497.14	14.70	34.827	
3,000.00	2,922.86	3,009.55	2,975.86	10.15	7.40	-179.10	24.93	-89.54	527.39	512.34	15.05	35.038	
3,100.00	3,019.43	3,089.23	3,074.07	10.50	7.55	-178.99	27.45	-99.82	542.96	527.57	15.39	35.274	
3,200.00	3,116.00	3,188.00	3,172.28	10.87	7.74	-178.89	29.98	-110.10	558.52	542.74	15.78	35.392	
3,300.00	3,212.57	3,286.78	3,270.48	11.25	7.94	-178.79	32.50	-120.37	574.09	557.90	16.19	35.467	
3,400.00	3,309.14	3,385.56	3,368.69	11.65	8.14	-178.70	35.03	-130.65	589.66	573.05	16.61	35.505	
3,500.00	3,405.71	3,484.33	3,466.90	12.04	8.36	-178.62	37.55	-140.93	605.23	588.19	17.04	35.512	
3,600.00	3,502.28	3,583.11	3,565.11	12.45	8.58	-178.53	40.08	-151.20	620.80	603.31	17.49	35.491	
3,700.00	3,598.85	3,681.89	3,663.32	12.87	8.80	-178.46	42.60	-161.48	636.37	618.42	17.95	35.447	
3,800.00	3,695.42	3,780.66	3,761.52	13.29	9.04	-178.38	45.12	-171.76	651.95	633.52	18.43	35.383	
3,900.00	3,791.99	3,879.44	3,859.73	13.72	9.27	-178.31	47.65	-182.03	667.52	648.61	18.91	35.303	
4,000.00	3,888.56	3,978.22	3,957.94	14.15	9.51	-178.24	50.17	-192.31	683.10	663.70	19.40	35.210	
4,100.00	3,985.13	4,076.99	4,056.15	14.59	9.76	-178.18	52.70	-202.59	698.67	678.77	19.90	35.105	
4,200.00	4,081.70	4,175.77	4,154.35	15.03	10.01	-178.12	55.22	-212.86	714.25	693.84	20.41	34.992	
4,300.00	4,178.27	4,274.55	4,252.56	15.48	10.26	-178.06	57.74	-223.14	729.83	708.90	20.93	34.871	
4,400.00	4,274.84	4,373.32	4,350.77	15.93	10.52	-178.00	60.27	-233.42	745.41	723.95	21.45	34.744	
4,500.00	4,371.41	4,472.10	4,448.98	16.38	10.78	-177.94	62.79	-243.69	760.99	739.00	21.99	34.613	
4,600.00	4,467.98	4,570.87	4,547.19	16.84	11.04	-177.89	65.32	-253.97	776.57	754.04	22.52	34.479	
4,700.00	4,564.55	4,669.65	4,645.39	17.30	11.31	-177.84	67.84	-264.25	792.15	769.08	23.07	34.343	
4,800.00	4,661.12	4,768.43	4,743.60	17.76	11.58	-177.79	70.36	-274.52	807.73	784.11	23.61	34.206	
4,900.00	4,757.69	4,867.20	4,841.81	18.23	11.85	-177.75	72.89	-284.80	823.31	799.14	24.17	34.067	
5,000.00	4,854.26	4,965.98	4,940.02	18.70	12.12	-177.70	75.41	-295.08	838.89	814.17	24.72	33.929	
5,100.00	4,950.83	5,064.76	5,038.23	19.17	12.39	-177.66	77.94	-305.35	854.47	829.19	25.29	33.791	
5,200.00	5,047.40	5,163.53	5,136.43	19.64	12.67	-177.62	80.46	-315.63	870.06	844.20	25.85	33.654	
5,300.00	5,143.97	5,262.31	5,234.64	20.11	12.95	-177.58	82.98	-325.91	885.64	859.22	26.42	33.518	
5,400.00	5,240.54	5,361.09	5,332.85	20.59	13.23	-177.54	85.51	-336.18	901.22	874.23	27.00	33.383	
5,500.00	5,337.11	5,459.86	5,431.06	21.07	13.51	-177.50	88.03	-346.46	916.81	889.24	27.57	33.250	
5,600.00	5,433.68	5,558.64	5,529.27	21.55	13.79	-177.46	90.56	-356.74	932.39	904.24	28.15	33.119	
5,700.00	5,530.25	5,657.41	5,627.47	22.03	14.08	-177.43	93.08	-367.01	947.98	919.24	28.74	32.990	
5,800.00	5,626.82	5,756.19	5,725.68	22.51	14.36	-177.40	95.61	-377.29	963.56	934.24	29.32	32.863	
5,900.00	5,723.39	5,854.97	5,823.89	22.99	14.65	-177.36	98.13	-387.57	979.15	949.24	29.91	32.738	
6,000.00	5,819.96	5,953.74	5,922.10	23.48	14.94	-177.33	100.65	-397.84	994.74	964.24	30.50	32.615	
6,100.00	5,916.53	6,052.52	6,020.31	23.96	15.23	-177.30	103.18	-408.12	1,010.32	979.23	31.09	32.495	
6,200.00	6,013.10	6,151.30	6,118.51	24.45	15.52	-177.27	105.70	-418.40	1,025.91	994.22	31.69	32.377	
6,300.00	6,109.67	6,248.36	6,215.72	24.93	15.81	-177.24	108.22	-428.68	1,041.50	1,009.21	32.28	32.260	
6,400.00	6,206.31	6,345.00	6,312.20	25.40	16.10	-177.21	110.74	-438.96	1,057.09	1,024.30	32.87	32.143	
6,500.00	6,302.95	6,441.64	6,408.29	25.87	16.39	-177.18	113.26	-449.24	1,072.68	1,039.39	33.46	32.026	
6,600.00	6,399.58	6,538.28	6,504.84	26.34	16.68	-177.15	115.78	-459.52	1,088.27	1,054.48	34.05	31.909	
6,700.00	6,496.22	6,634.92	6,601.40	26.81	16.97	-177.12	118.30	-469.80	1,103.86	1,069.57	34.64	31.792	
6,800.00	6,592.85	6,731.56	6,697.97	27.28	17.26	-177.09	120.82	-480.08	1,119.45	1,084.66	35.23	31.675	
6,900.00	6,689.49	6,828.20	6,794.51	27.75	17.55	-177.06	123.34	-490.36	1,135.04	1,099.75	35.82	31.558	
7,000.00	6,786.12	6,924.84	6,891.15	28.22	17.84	-177.03	125.86	-500.64	1,150.63	1,114.84	36.41	31.441	
7,100.00	6,882.76	7,021.48	6,987.79	28.69	18.13	-177.00	128.38	-510.92	1,166.22	1,129.93	37.00	31.324	
7,200.00	6,979.39	7,118.12	7,084.43	29.16	18.42	-176.97	130.90	-521.20	1,181.81	1,145.02	37.59	31.207	
7,300.00	7,076.03	7,214.76	7,180.07	29.63	18.71	-176.94	133.42	-531.48	1,197.40	1,160.11	38.18	31.090	
7,400.00	7,172.66	7,311.40	7,276.71	30.10	19.00	-176.91	135.94	-541.76	1,212.99	1,175.20	38.77	30.973	
7,500.00	7,269.30	7,408.04	7,373.35	30.57	19.29	-176.88	138.46	-552.04					

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	6,304.86	7,765.35	7,037.17	25.61	35.10	-152.71	125.47	-1,417.24	842.57	802.99	39.58	21.290		
6,600.00	6,404.33	7,762.96	7,037.18	25.73	35.04	139.14	125.48	-1,414.86	762.27	720.19	42.08	18.115		
6,700.00	6,502.26	7,744.99	7,037.22	25.80	34.60	123.88	125.56	-1,396.89	688.07	643.31	44.76	15.373		
6,800.00	6,596.25	7,711.86	7,037.31	25.88	33.78	120.86	125.70	-1,363.76	622.98	575.53	47.46	13.127		
6,900.00	6,683.99	7,664.41	7,037.43	26.01	32.63	118.60	125.90	-1,316.31	569.43	519.49	49.94	11.403		
7,000.00	6,763.31	7,603.79	7,037.58	26.26	31.18	115.46	126.17	-1,255.69	528.72	476.84	51.87	10.193		
7,100.00	6,832.26	7,531.50	7,037.77	26.67	29.52	111.39	126.48	-1,183.40	500.62	447.54	53.08	9.431		
7,200.00	6,889.14	7,449.31	7,037.98	27.31	27.70	106.91	126.83	-1,101.21	483.27	429.73	53.54	9.026		
7,300.00	6,932.56	7,345.85	7,031.60	28.20	25.54	101.43	127.11	-998.06	472.60	419.40	53.19	8.884		
7,400.00	6,961.43	7,248.53	7,010.53	29.35	23.65	95.98	126.96	-903.14	465.78	412.74	53.05	8.781		
7,500.00	6,975.06	7,158.40	6,978.34	30.72	22.10	90.75	126.48	-819.04	463.02	409.88	53.13	8.714		
7,515.92	6,975.95	7,144.67	6,972.41	30.96	21.89	89.93	126.38	-806.66	462.95	409.78	53.18	8.706		
7,600.00	6,977.71	7,076.03	6,938.81	32.26	20.88	85.63	125.75	-746.84	464.80	411.38	53.42	8.700 SF		
7,700.00	6,979.94	7,005.58	6,897.84	33.99	19.97	80.48	124.92	-689.58	474.25	420.46	53.79	8.817		
7,800.00	6,982.17	6,946.14	6,858.54	35.89	19.31	75.72	124.09	-645.03	493.80	439.82	53.98	9.147		
7,900.00	6,984.40	6,896.14	6,822.37	37.94	18.82	71.53	123.29	-610.53	524.47	470.61	53.86	9.737		
8,000.00	6,986.62	6,850.00	6,786.69	40.10	18.42	67.62	122.48	-581.30	566.02	512.63	53.38	10.603		
8,100.00	6,988.85	6,818.24	6,760.94	42.36	18.18	64.93	121.88	-562.72	617.27	564.46	52.80	11.690		
8,200.00	6,991.08	6,787.74	6,735.38	44.70	17.95	62.38	121.29	-546.10	676.80	624.74	52.06	13.000		
8,300.00	6,993.31	6,761.53	6,712.79	47.12	17.77	60.23	120.75	-532.82	743.13	691.84	51.29	14.488		
8,400.00	6,995.54	6,738.83	6,692.80	49.60	17.63	58.41	120.28	-522.07	814.94	764.39	50.55	16.122		
8,500.00	6,997.77	6,719.02	6,675.06	52.13	17.51	56.85	119.85	-513.28	891.15	841.30	49.85	17.876		
8,600.00	6,999.99	6,700.00	6,657.77	54.70	17.40	55.39	119.43	-505.36	970.90	921.69	49.21	19.729		
8,700.00	7,002.22	6,686.24	6,645.12	57.31	17.33	54.36	119.12	-499.96	1,053.51	1,004.86	48.64	21.657		
8,800.00	7,004.45	6,672.56	6,632.43	59.96	17.25	53.35	118.81	-494.86	1,138.44	1,090.31	48.13	23.653		

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)	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	132.08	-161.38	178.76	240.83				
100.00	100.00	103.00	97.00	3.28	3.28	132.08	-161.38	178.76	240.83	233.30	7.53	31.993	
200.00	200.00	203.00	197.00	3.30	3.30	132.08	-161.38	178.76	240.83	233.26	7.57	31.815	CC, ES
200.34	200.34	202.66	197.34	3.30	3.30	132.08	-161.38	178.76	240.83	233.26	7.57	31.815	
300.00	300.00	296.37	296.36	3.34	3.34	-158.47	-161.70	178.55	241.30	233.65	7.65	31.544	SF
400.00	399.93	394.88	394.82	3.41	3.40	-157.98	-164.46	176.77	245.09	237.33	7.77	31.560	
500.00	499.68	492.99	492.70	3.50	3.47	-157.02	-170.04	173.18	252.74	244.81	7.93	31.868	
600.00	599.13	590.42	589.62	3.61	3.57	-155.66	-178.37	167.81	264.32	256.17	8.15	32.443	
700.00	698.15	686.91	685.22	3.75	3.70	-154.03	-189.33	160.75	279.90	271.48	8.42	33.251	
800.00	796.63	782.21	779.16	3.93	3.87	-152.21	-202.82	152.05	299.55	290.80	8.75	34.245	
900.00	894.44	878.98	874.23	4.16	4.07	-150.50	-217.99	142.28	322.91	313.77	9.14	35.328	
1,000.00	991.46	975.26	968.81	4.44	4.30	-149.24	-233.08	132.55	349.35	339.76	9.59	36.434	
1,100.00	1,088.03	1,071.16	1,063.03	4.76	4.55	-148.54	-248.12	122.86	377.38	367.30	10.08	37.446	
1,200.00	1,184.60	1,167.05	1,157.25	5.11	4.82	-147.95	-263.15	113.17	405.45	394.85	10.60	38.250	
1,300.00	1,281.17	1,262.95	1,251.46	5.49	5.10	-147.43	-278.19	103.48	433.56	422.41	11.16	38.862	
1,400.00	1,377.74	1,358.85	1,345.68	5.89	5.40	-146.97	-293.22	93.79	461.70	449.96	11.74	39.320	
1,500.00	1,474.31	1,454.75	1,439.89	6.31	5.71	-146.57	-308.26	84.10	489.86	477.51	12.35	39.661	
1,600.00	1,570.88	1,550.65	1,534.11	6.73	6.03	-146.21	-323.30	74.41	518.04	505.06	12.98	39.903	
1,700.00	1,667.45	1,646.55	1,628.32	7.17	6.35	-145.88	-338.33	64.72	546.24	532.61	13.63	40.072	
1,800.00	1,764.02	1,742.45	1,722.54	7.42	6.62	-145.59	-353.37	55.04	574.46	560.57	13.88	41.381	
1,900.00	1,860.59	1,838.35	1,816.76	7.50	6.75	-145.33	-368.40	45.35	602.68	588.80	13.88	43.426	
2,000.00	1,957.16	1,934.24	1,910.97	7.60	6.80	-145.09	-383.44	35.66	630.92	616.92	14.00	45.067	
2,100.00	2,053.73	2,030.14	2,005.19	7.75	6.88	-144.87	-398.47	25.97	659.16	645.00	14.17	46.533	
2,200.00	2,150.30	2,126.04	2,099.40	7.92	6.98	-144.67	-413.51	16.28	687.42	673.04	14.37	47.822	
2,300.00	2,246.87	2,221.94	2,193.62	8.12	7.10	-144.48	-428.54	6.59	715.68	701.05	14.62	48.937	
2,400.00	2,343.44	2,317.84	2,287.83	8.34	7.24	-144.31	-443.58	-3.10	743.94	729.03	14.91	49.883	
2,500.00	2,440.01	2,413.74	2,382.05	8.60	7.39	-144.15	-458.62	-12.79	772.22	756.98	15.24	50.671	
2,600.00	2,536.58	2,509.64	2,476.27	8.87	7.56	-144.00	-473.65	-22.48	800.50	784.90	15.60	51.318	
2,700.00	2,633.15	2,605.53	2,570.48	9.16	7.75	-143.87	-488.69	-32.17	828.78	812.79	15.99	51.821	
2,800.00	2,729.72	2,701.43	2,664.70	9.47	7.96	-143.74	-503.72	-41.86	857.07	840.65	16.42	52.211	
2,900.00	2,826.29	2,802.67	2,758.91	9.80	8.19	-143.62	-518.76	-51.55	885.36	868.48	16.88	52.457	
3,000.00	2,922.86	2,893.23	2,853.13	10.15	8.41	-143.50	-533.79	-61.24	913.65	896.31	17.34	52.685	
3,100.00	3,019.43	2,989.13	2,947.34	10.50	8.65	-143.40	-548.83	-70.93	941.95	924.11	17.84	52.798	
3,200.00	3,116.00	3,085.03	3,041.56	10.87	8.90	-143.30	-563.87	-80.62	970.25	951.89	18.36	52.844	
3,300.00	3,212.57	3,180.93	3,135.77	11.25	9.16	-143.20	-578.90	-90.31	998.55	979.65	18.90	52.832	
3,400.00	3,309.14	3,276.83	3,229.99	11.65	9.43	-143.11	-593.94	-100.00	1,026.85	1,007.40	19.46	52.773	
3,500.00	3,405.71	3,372.72	3,324.21	12.04	9.71	-143.03	-608.97	-109.69	1,055.16	1,035.13	20.03	52.674	
3,600.00	3,502.28	3,468.62	3,418.42	12.45	10.00	-142.95	-624.01	-119.38	1,083.47	1,062.85	20.62	52.543	
3,700.00	3,598.85	3,564.52	3,512.64	12.87	10.29	-142.87	-639.04	-129.07	1,111.78	1,090.56	21.22	52.386	
3,800.00	3,695.42	3,660.42	3,606.85	13.29	10.59	-142.80	-654.08	-138.76	1,140.09	1,118.26	21.84	52.207	
3,900.00	3,791.99	3,756.32	3,701.07	13.72	10.90	-142.73	-669.11	-148.45	1,168.41	1,145.94	22.46	52.011	
4,000.00	3,888.56	3,852.22	3,795.28	14.15	11.21	-142.67	-684.15	-158.14	1,196.72	1,173.62	23.10	51.803	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1			Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft				
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	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	128.33	-141.35	178.76	227.89						
100.00	100.00	103.00	97.00	3.28	3.28	128.33	-141.35	178.76	227.89	220.36	7.53	30.274			
200.00	200.00	203.00	197.00	3.30	3.30	128.33	-141.35	178.76	227.89	220.32	7.57	30.106	CC, ES		
200.01	200.01	202.99	197.01	3.30	3.30	128.33	-141.35	178.76	227.89	220.32	7.57	30.106			
300.00	300.00	297.08	297.08	3.34	3.34	-162.20	-141.65	178.51	228.30	220.65	7.65	29.843			
400.00	399.93	397.15	397.08	3.41	3.40	-161.60	-144.26	176.34	231.56	223.79	7.77	29.812	SF		
500.00	499.68	496.85	496.54	3.50	3.48	-160.44	-149.53	171.97	238.13	230.20	7.93	30.015			
600.00	599.13	595.95	595.10	3.61	3.58	-158.79	-157.40	165.43	248.15	240.00	8.15	30.437			
700.00	698.15	694.21	692.43	3.75	3.72	-156.80	-167.80	156.80	261.75	253.32	8.43	31.052			
800.00	796.63	807.80	789.15	3.93	3.92	-154.77	-179.89	146.76	278.95	270.16	8.80	31.717			
900.00	894.44	889.82	885.50	4.16	4.08	-153.22	-191.99	136.72	299.48	290.33	9.16	32.710			
1,000.00	991.46	986.86	981.27	4.44	4.30	-152.09	-204.02	126.73	323.17	313.57	9.60	33.672			
1,100.00	1,088.03	1,083.53	1,076.68	4.76	4.54	-151.45	-216.00	116.78	348.48	338.40	10.08	34.578			
1,200.00	1,184.60	1,180.21	1,172.10	5.11	4.79	-150.91	-227.98	106.84	373.83	363.24	10.59	35.302			
1,300.00	1,281.17	1,276.89	1,267.51	5.49	5.06	-150.43	-239.96	96.89	399.20	388.07	11.13	35.857			
1,400.00	1,377.74	1,373.57	1,362.93	5.89	5.34	-150.01	-251.95	86.94	424.60	412.89	11.70	36.276			
1,500.00	1,474.31	1,470.24	1,458.34	6.31	5.63	-149.64	-263.93	76.99	450.01	437.71	12.30	36.588			
1,600.00	1,570.88	1,566.92	1,553.76	6.73	5.93	-149.31	-275.91	67.05	475.44	462.53	12.91	36.814			
1,700.00	1,667.45	1,663.60	1,649.17	7.17	6.24	-149.01	-287.89	57.10	500.89	487.34	13.55	36.974			
1,800.00	1,764.02	1,760.28	1,744.59	7.42	6.46	-148.74	-299.88	47.15	526.35	512.59	13.76	38.261			
1,900.00	1,860.59	1,856.95	1,840.00	7.50	6.55	-148.50	-311.86	37.20	551.81	538.09	13.72	40.220			
2,000.00	1,957.16	1,953.63	1,935.42	7.60	6.60	-148.27	-323.84	27.25	577.29	563.45	13.84	41.718			
2,100.00	2,053.73	2,050.31	2,030.83	7.75	6.68	-148.07	-335.82	17.31	602.77	588.77	14.00	43.060			
2,200.00	2,150.30	2,146.99	2,126.25	7.92	6.77	-147.88	-347.81	7.36	628.26	614.06	14.20	44.242			
2,300.00	2,246.87	2,243.66	2,221.66	8.12	6.88	-147.71	-359.79	-2.59	653.75	639.31	14.44	45.266			
2,400.00	2,343.44	2,340.34	2,317.08	8.34	7.00	-147.55	-371.77	-12.54	679.25	664.53	14.72	46.139			
2,500.00	2,440.01	2,437.02	2,412.49	8.60	7.15	-147.40	-383.75	-22.48	704.76	689.72	15.04	46.868			
2,600.00	2,536.58	2,533.70	2,507.91	8.87	7.31	-147.26	-395.73	-32.43	730.26	714.88	15.39	47.464			
2,700.00	2,633.15	2,630.37	2,603.32	9.16	7.48	-147.13	-407.72	-42.38	755.78	740.01	15.77	47.939			
2,800.00	2,729.72	2,727.05	2,698.73	9.47	7.67	-147.01	-419.70	-52.33	781.29	765.12	16.17	48.306			
2,900.00	2,826.29	2,823.73	2,794.15	9.80	7.87	-146.90	-431.68	-62.28	806.81	790.20	16.61	48.576			
3,000.00	2,922.86	2,920.41	2,889.56	10.15	8.08	-146.80	-443.66	-72.22	832.33	815.26	17.07	48.762			
3,100.00	3,019.43	3,017.08	2,984.98	10.50	8.30	-146.70	-455.65	-82.17	857.85	840.30	17.55	48.875			
3,200.00	3,116.00	3,113.76	3,080.39	10.87	8.54	-146.60	-467.63	-92.12	883.38	865.32	18.06	48.925			
3,300.00	3,212.57	3,210.44	3,175.81	11.25	8.78	-146.51	-479.61	-102.07	908.91	890.33	18.58	48.923			
3,400.00	3,309.14	3,307.12	3,271.22	11.65	9.03	-146.43	-491.59	-112.01	934.44	915.32	19.12	48.876			
3,500.00	3,405.71	3,403.79	3,366.64	12.04	9.29	-146.35	-503.58	-121.96	959.97	940.30	19.67	48.793			
3,600.00	3,502.28	3,500.47	3,462.05	12.45	9.55	-146.28	-515.56	-131.91	985.50	965.26	20.25	48.677			
3,700.00	3,598.85	3,602.85	3,557.47	12.87	9.84	-146.20	-527.54	-141.86	1,011.04	990.19	20.85	48.500			
3,800.00	3,695.42	3,706.17	3,652.88	13.29	10.14	-146.14	-539.52	-151.81	1,036.57	1,015.11	21.46	48.297			
3,900.00	3,791.99	3,809.50	3,748.30	13.72	10.45	-146.07	-551.50	-161.75	1,062.11	1,040.02	22.09	48.079			
4,000.00	3,888.56	3,887.18	3,843.71	14.15	10.68	-146.01	-563.49	-171.70	1,087.65	1,065.00	22.65	48.011			
4,100.00	3,985.13	3,983.86	3,939.13	14.59	10.97	-145.95	-575.47	-181.65	1,113.19	1,089.91	23.28	47.812			
4,200.00	4,081.70	4,080.54	4,034.54	15.03	11.27	-145.90	-587.45	-191.60	1,138.73	1,114.81	23.92	47.607			
4,300.00	4,178.27	4,177.21	4,129.96	15.48	11.57	-145.84	-599.43	-201.54	1,164.27	1,139.71	24.56	47.396			
4,400.00	4,274.84	4,273.89	4,225.37	15.93	11.88	-145.79	-611.42	-211.49	1,189.82	1,164.60	25.22	47.182			

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			Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
0.00	0.00	1.00	-1.00	3.28	3.28	-179.50	-159.94	-1.39	159.95				
100.00	100.00	101.00	99.00	3.28	3.28	-179.50	-159.94	-1.39	159.95	152.42	7.53	21.249	
200.00	200.00	201.00	199.00	3.30	3.30	-179.50	-159.94	-1.39	159.95	152.38	7.57	21.132	
200.00	200.00	201.00	199.00	3.30	3.30	-179.50	-159.94	-1.39	159.95	152.38	7.57	21.132 CC, ES	
300.00	300.00	297.51	297.50	3.34	3.34	-110.12	-160.16	-1.72	160.32	152.67	7.65	20.956 SF	
400.00	399.93	394.39	394.33	3.41	3.40	-110.23	-161.96	-4.42	163.41	155.64	7.77	21.042	
500.00	499.68	491.07	490.78	3.50	3.48	-110.44	-165.56	-9.83	169.58	161.66	7.93	21.394	
600.00	599.13	587.40	586.62	3.61	3.58	-110.70	-170.95	-17.90	178.85	170.71	8.14	21.977	
700.00	698.15	683.25	681.60	3.75	3.71	-111.00	-178.08	-28.60	191.18	182.77	8.41	22.743	
800.00	796.63	778.50	775.51	3.93	3.87	-111.30	-186.91	-41.84	206.55	197.81	8.74	23.636	
900.00	894.44	873.03	868.13	4.16	4.08	-111.57	-197.38	-57.53	224.92	215.78	9.14	24.596	
1,000.00	991.46	966.71	959.26	4.44	4.33	-111.80	-209.42	-75.59	246.26	236.63	9.63	25.563	
1,100.00	1,088.03	1,060.42	1,048.85	4.76	4.63	-112.10	-222.99	-95.93	269.91	259.72	10.20	26.472	
1,200.00	1,184.60	1,156.55	1,141.96	5.11	4.98	-112.11	-238.00	-118.44	294.37	283.53	10.84	27.152	
1,300.00	1,281.17	1,253.51	1,235.08	5.49	5.36	-112.11	-253.01	-140.94	318.83	307.29	11.54	27.632	
1,400.00	1,377.74	1,350.47	1,328.19	5.89	5.77	-112.11	-268.02	-163.45	343.29	331.01	12.28	27.966	
1,500.00	1,474.31	1,447.44	1,421.30	6.31	6.20	-112.11	-283.03	-185.95	367.75	354.70	13.04	28.195	
1,600.00	1,570.88	1,544.40	1,514.42	6.73	6.64	-112.11	-298.04	-208.46	392.20	378.36	13.84	28.338	
1,700.00	1,667.45	1,641.36	1,607.53	7.17	7.09	-112.11	-313.05	-230.97	416.66	402.00	14.66	28.424	
1,800.00	1,764.02	1,738.32	1,700.64	7.42	7.47	-112.11	-328.06	-253.47	441.12	426.09	15.03	29.346	
1,900.00	1,860.59	1,835.29	1,793.75	7.50	7.66	-112.11	-343.06	-275.98	465.58	450.48	15.10	30.830	
2,000.00	1,957.16	1,932.25	1,886.87	7.60	7.76	-112.11	-358.07	-298.48	490.04	474.76	15.28	32.071	
2,100.00	2,053.73	2,029.21	1,979.98	7.75	7.88	-112.12	-373.08	-320.99	514.49	498.98	15.52	33.154	
2,200.00	2,150.30	2,126.18	2,073.09	7.92	8.04	-112.12	-388.09	-343.49	538.95	523.14	15.82	34.078	
2,300.00	2,246.87	2,223.14	2,166.21	8.12	8.23	-112.12	-403.10	-366.00	563.41	547.24	16.17	34.850	
2,400.00	2,343.44	2,320.10	2,259.32	8.34	8.45	-112.12	-418.11	-388.51	587.87	571.30	16.57	35.480	
2,500.00	2,440.01	2,417.06	2,352.43	8.60	8.70	-112.12	-433.12	-411.01	612.33	595.31	17.02	35.979	
2,600.00	2,536.58	2,514.03	2,445.54	8.87	8.97	-112.12	-448.13	-433.52	636.79	619.27	17.51	36.362	
2,700.00	2,633.15	2,610.99	2,538.66	9.16	9.27	-112.12	-463.14	-456.02	661.24	643.20	18.05	36.643	
2,800.00	2,729.72	2,707.95	2,631.77	9.47	9.58	-112.12	-478.15	-478.53	685.70	667.09	18.61	36.836	
2,900.00	2,826.29	2,804.92	2,724.88	9.80	9.91	-112.12	-493.16	-501.04	710.16	690.94	19.22	36.954	
3,000.00	2,922.86	2,901.88	2,818.00	10.15	10.26	-112.12	-508.17	-523.54	734.62	714.77	19.85	37.008	
3,100.00	3,019.43	3,001.16	2,911.11	10.50	10.63	-112.12	-523.18	-546.05	759.08	738.56	20.52	36.996	
3,200.00	3,116.00	3,104.20	3,004.22	10.87	11.04	-112.12	-538.19	-568.55	783.53	762.31	21.22	36.917	
3,300.00	3,212.57	3,207.23	3,097.33	11.25	11.45	-112.12	-553.20	-591.06	807.99	786.04	21.95	36.804	
3,400.00	3,309.14	3,289.73	3,190.45	11.65	11.79	-112.12	-568.21	-613.57	832.45	809.82	22.63	36.790	
3,500.00	3,405.71	3,386.69	3,283.56	12.04	12.20	-112.12	-583.22	-636.07	856.91	833.54	23.37	36.664	
3,600.00	3,502.28	3,483.66	3,376.67	12.45	12.62	-112.12	-598.23	-658.58	881.37	857.23	24.13	36.522	
3,700.00	3,598.85	3,580.62	3,469.79	12.87	13.05	-112.12	-613.24	-681.08	905.82	880.92	24.91	36.366	
3,800.00	3,695.42	3,677.58	3,562.90	13.29	13.48	-112.12	-628.25	-703.59	930.28	904.58	25.70	36.201	
3,900.00	3,791.99	3,774.55	3,656.01	13.72	13.92	-112.12	-643.26	-726.09	954.74	928.24	26.50	36.029	
4,000.00	3,888.56	3,871.51	3,749.12	14.15	14.37	-112.12	-658.26	-748.60	979.20	951.89	27.31	35.853	
4,100.00	3,985.13	3,968.47	3,842.24	14.59	14.82	-112.12	-673.27	-771.11	1,003.66	975.52	28.13	35.674	
4,200.00	4,081.70	4,065.43	3,935.35	15.03	15.28	-112.12	-688.28	-793.61	1,028.11	999.15	28.97	35.493	
4,300.00	4,178.27	4,162.40	4,028.46	15.48	15.74	-112.12	-703.29	-816.12	1,052.57	1,022.77	29.81	35.313	
4,400.00	4,274.84	4,259.36	4,121.58	15.93	16.21	-112.12	-718.30	-838.62	1,077.03	1,046.38	30.66	35.134	
4,500.00	4,371.41	4,356.32	4,214.69	16.38	16.68	-112.12	-733.31	-861.13	1,101.49	1,069.98	31.51	34.956	
4,600.00	4,467.98	4,453.29	4,307.80	16.84	17.15	-112.12	-748.32	-883.64	1,125.95	1,093.57	32.37	34.780	
4,700.00	4,564.55	4,550.25	4,400.91	17.30	17.63	-112.12	-763.33	-906.14	1,150.41	1,117.16	33.24	34.608	
4,800.00	4,661.12	4,647.21	4,494.03	17.76	18.11	-112.12	-778.34	-928.65	1,174.86	1,140.75	34.12	34.438	
4,900.00	4,757.69	4,744.17	4,587.14	18.23	18.59	-112.12	-793.35	-951.15	1,199.32	1,164.33	34.99	34.272	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	1.00	-1.00	3.28	3.28	-179.54	-139.89	-1.11	139.89				
100.00	100.00	101.00	99.00	3.28	3.28	-179.54	-139.89	-1.11	139.89	132.37	7.53	18.585	
200.00	200.00	201.00	199.00	3.30	3.30	-179.54	-139.89	-1.11	139.89	132.33	7.57	18.483	CC, ES
200.03	200.03	200.97	199.03	3.30	3.30	-179.54	-139.89	-1.11	139.89	132.33	7.57	18.483	
300.00	300.00	297.87	297.87	3.34	3.34	-110.16	-140.08	-1.47	140.24	132.59	7.65	18.330	SF
400.00	399.93	395.52	395.45	3.41	3.40	-110.23	-141.64	-4.37	143.07	135.30	7.77	18.419	
500.00	499.68	492.99	492.69	3.50	3.48	-110.35	-144.77	-10.18	148.73	140.80	7.93	18.754	
600.00	599.13	590.17	589.37	3.61	3.58	-110.50	-149.45	-18.87	157.22	149.07	8.15	19.302	
700.00	698.15	686.95	685.26	3.75	3.72	-110.66	-155.66	-30.40	168.51	160.09	8.42	20.018	
800.00	796.63	783.23	780.15	3.93	3.89	-110.81	-163.35	-44.68	182.58	173.83	8.76	20.848	
900.00	894.44	878.89	873.85	4.16	4.10	-110.93	-172.48	-61.65	199.41	190.23	9.17	21.735	
1,000.00	991.46	973.85	966.17	4.44	4.36	-111.01	-183.01	-81.20	218.95	209.27	9.68	22.624	
1,100.00	1,088.03	1,069.08	1,058.00	4.76	4.66	-111.13	-194.97	-103.41	240.52	230.26	10.26	23.438	
1,200.00	1,184.60	1,166.64	1,151.86	5.11	5.02	-111.06	-207.60	-126.87	262.48	251.55	10.92	24.029	
1,300.00	1,281.17	1,264.21	1,245.71	5.49	5.41	-111.01	-220.23	-150.33	284.43	272.80	11.63	24.450	
1,400.00	1,377.74	1,361.77	1,339.56	5.89	5.81	-110.96	-232.87	-173.79	306.38	294.00	12.38	24.742	
1,500.00	1,474.31	1,459.33	1,433.41	6.31	6.24	-110.92	-245.50	-197.25	328.33	315.17	13.16	24.941	
1,600.00	1,570.88	1,556.89	1,527.26	6.73	6.68	-110.89	-258.13	-220.71	350.29	336.31	13.97	25.068	
1,700.00	1,667.45	1,654.45	1,621.11	7.17	7.13	-110.86	-270.76	-244.17	372.24	357.44	14.80	25.143	
1,800.00	1,764.02	1,752.01	1,714.96	7.42	7.48	-110.83	-283.40	-267.63	394.19	379.03	15.16	26.004	
1,900.00	1,860.59	1,849.57	1,808.81	7.50	7.64	-110.81	-296.03	-291.09	416.15	400.94	15.21	27.364	
2,000.00	1,957.16	1,947.13	1,902.66	7.60	7.74	-110.78	-308.66	-314.56	438.10	422.71	15.39	28.460	
2,100.00	2,053.73	2,044.69	1,996.52	7.75	7.87	-110.76	-321.29	-338.02	460.05	444.41	15.64	29.414	
2,200.00	2,150.30	2,142.25	2,090.37	7.92	8.03	-110.75	-333.93	-361.48	482.01	466.06	15.95	30.227	
2,300.00	2,246.87	2,239.81	2,184.22	8.12	8.23	-110.73	-346.56	-384.94	503.96	487.65	16.31	30.904	
2,400.00	2,343.44	2,337.37	2,278.07	8.34	8.45	-110.71	-359.19	-408.40	525.91	509.19	16.72	31.455	
2,500.00	2,440.01	2,434.93	2,371.92	8.60	8.70	-110.70	-371.82	-431.86	547.87	530.69	17.18	31.891	
2,600.00	2,536.58	2,532.49	2,465.77	8.87	8.97	-110.69	-384.46	-455.32	569.82	552.14	17.68	32.224	
2,700.00	2,633.15	2,630.05	2,559.62	9.16	9.26	-110.68	-397.09	-478.78	591.77	573.55	18.23	32.468	
2,800.00	2,729.72	2,727.61	2,653.47	9.47	9.58	-110.66	-409.72	-502.24	613.73	594.92	18.81	32.634	
2,900.00	2,826.29	2,825.17	2,747.32	9.80	9.91	-110.65	-422.35	-525.70	635.68	616.26	19.42	32.734	
3,000.00	2,922.86	2,922.73	2,841.18	10.15	10.26	-110.64	-434.99	-549.16	657.63	637.57	20.06	32.779	
3,100.00	3,019.43	3,020.29	2,935.03	10.50	10.62	-110.64	-447.62	-572.63	679.59	658.85	20.73	32.778	
3,200.00	3,116.00	3,117.85	3,028.88	10.87	11.00	-110.63	-460.25	-596.09	701.54	680.11	21.43	32.740	
3,300.00	3,212.57	3,215.41	3,122.73	11.25	11.38	-110.62	-472.88	-619.55	723.49	701.35	22.14	32.671	
3,400.00	3,309.14	3,312.97	3,216.58	11.65	11.78	-110.61	-485.52	-643.01	745.45	722.57	22.88	32.578	
3,500.00	3,405.71	3,410.53	3,310.43	12.04	12.19	-110.60	-498.15	-666.47	767.40	743.76	23.64	32.466	
3,600.00	3,502.28	3,508.09	3,404.28	12.45	12.61	-110.60	-510.78	-689.93	789.36	764.95	24.41	32.340	
3,700.00	3,598.85	3,605.65	3,498.13	12.87	13.03	-110.59	-523.41	-713.39	811.31	786.11	25.19	32.202	
3,800.00	3,695.42	3,703.22	3,591.99	13.29	13.47	-110.59	-536.04	-736.85	833.26	807.27	25.99	32.056	
3,900.00	3,791.99	3,800.78	3,685.84	13.72	13.91	-110.58	-548.68	-760.31	855.22	828.41	26.81	31.904	
4,000.00	3,888.56	3,901.66	3,779.69	14.15	14.37	-110.57	-561.31	-783.77	877.17	849.53	27.64	31.732	
4,100.00	3,985.13	4,004.10	3,873.54	14.59	14.84	-110.57	-573.94	-807.24	899.12	870.63	28.50	31.551	
4,200.00	4,081.70	4,106.54	3,967.39	15.03	15.32	-110.57	-586.57	-830.70	921.08	891.72	29.36	31.370	
4,300.00	4,178.27	4,208.98	4,061.24	15.48	15.80	-110.56	-599.21	-854.16	943.03	912.80	30.23	31.190	
4,400.00	4,274.84	4,288.58	4,155.09	15.93	16.18	-110.56	-611.84	-877.62	964.98	933.97	31.01	31.114	
4,500.00	4,371.41	4,386.14	4,248.94	16.38	16.65	-110.55	-624.47	-901.08	986.94	955.06	31.88	30.957	
4,600.00	4,467.98	4,483.70	4,342.79	16.84	17.12	-110.55	-637.10	-924.54	1,008.89	976.14	32.75	30.803	
4,700.00	4,564.55	4,581.26	4,436.65	17.30	17.59	-110.54	-649.74	-948.00	1,030.85	997.21	33.63	30.651	
4,800.00	4,661.12	4,678.82	4,530.50	17.76	18.07	-110.54	-662.37	-971.46	1,052.80	1,018.28	34.52	30.502	
4,900.00	4,757.69	4,776.38	4,624.35	18.23	18.55	-110.54	-675.00	-994.92	1,074.75	1,039.35	35.41	30.356	
5,000.00	4,854.26	4,873.94	4,718.20	18.70	19.03	-110.53	-687.63	-1,018.38	1,096.71	1,060.41	36.30	30.213	
5,100.00	4,950.83	4,971.50	4,812.05	19.17	19.51	-110.53	-700.27	-1,041.84	1,118.66	1,081.46	37.20	30.073	
5,200.00	5,047.40	5,069.06	4,905.90	19.64	20.00	-110.53	-712.90	-1,065.31	1,140.61	1,102.51	38.10	29.937	
5,300.00	5,143.97	5,166.62	4,999.75	20.11	20.49	-110.52	-725.53	-1,088.77	1,162.57	1,123.56	39.01	29.804	
5,400.00	5,240.54	5,264.18	5,093.60	20.59	20.98	-110.52	-738.16	-1,112.23	1,184.52	1,144.60	39.92	29.674	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-40.07	-0.28	40.07				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-40.07	-0.28	40.07	32.55	7.53	5.324	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295 CC	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295	
300.00	300.00	300.07	300.07	3.34	3.34	-110.16	-40.03	-0.71	40.18	32.53	7.65	5.251	
400.00	399.93	400.20	400.13	3.41	3.41	-109.86	-39.66	-4.19	41.05	33.27	7.78	5.279	
500.00	499.68	500.31	499.99	3.50	3.49	-109.30	-38.93	-11.15	42.78	34.83	7.95	5.383	
600.00	599.13	600.39	599.52	3.61	3.60	-108.54	-37.84	-21.56	45.38	37.21	8.17	5.553	
700.00	698.15	700.43	698.58	3.75	3.75	-107.64	-36.38	-35.42	48.85	40.39	8.46	5.773	
800.00	796.63	800.42	797.04	3.93	3.93	-106.69	-34.56	-52.70	53.19	44.37	8.83	6.027	
900.00	894.44	900.35	894.78	4.16	4.16	-105.72	-32.39	-73.38	58.41	49.13	9.28	6.295	
1,000.00	991.46	1,000.17	991.84	4.44	4.43	-105.54	-29.95	-96.57	64.51	54.68	9.83	6.563	
1,100.00	1,088.03	1,100.06	1,088.81	4.76	4.74	-106.79	-27.50	-119.91	71.11	60.66	10.45	6.802	
1,200.00	1,184.60	1,200.29	1,185.78	5.11	5.08	-107.83	-25.05	-143.24	77.74	66.61	11.13	6.982	
1,300.00	1,281.17	1,300.52	1,282.76	5.49	5.43	-108.71	-22.59	-166.57	84.39	72.54	11.86	7.117	
1,400.00	1,377.74	1,400.75	1,379.73	5.89	5.81	-109.46	-20.14	-189.90	91.06	78.45	12.62	7.218	
1,500.00	1,474.31	1,500.97	1,476.70	6.31	6.20	-110.10	-17.69	-213.23	97.74	84.34	13.40	7.292	
1,600.00	1,570.88	1,601.20	1,573.68	6.73	6.60	-110.67	-15.24	-236.56	104.44	90.22	14.21	7.348	
1,700.00	1,667.45	1,701.43	1,670.65	7.17	7.00	-111.16	-12.79	-259.90	111.14	96.10	15.04	7.389	
1,800.00	1,764.02	1,801.66	1,767.62	7.42	7.23	-111.60	-10.33	-283.23	117.85	102.73	15.12	7.794	
1,900.00	1,860.59	1,901.89	1,864.60	7.50	7.30	-112.00	-7.88	-306.56	124.57	109.31	15.25	8.168	
2,000.00	1,957.16	2,002.12	1,961.57	7.60	7.40	-112.35	-5.43	-329.89	131.29	115.84	15.44	8.501	
2,100.00	2,053.73	2,102.35	2,058.54	7.75	7.52	-112.66	-2.98	-353.22	138.01	122.32	15.70	8.793	
2,200.00	2,150.30	2,202.58	2,155.52	7.92	7.68	-112.95	-0.52	-376.56	144.74	128.74	16.00	9.044	
2,300.00	2,246.87	2,302.81	2,252.49	8.12	7.86	-113.22	1.93	-399.89	151.47	135.11	16.37	9.256	
2,400.00	2,343.44	2,403.04	2,349.46	8.34	8.06	-113.46	4.38	-423.22	158.21	141.43	16.78	9.430	
2,500.00	2,440.01	2,503.27	2,446.44	8.60	8.29	-113.68	6.83	-446.55	164.95	147.71	17.23	9.571	
2,600.00	2,536.58	2,603.50	2,543.41	8.87	8.54	-113.88	9.28	-469.88	171.69	153.95	17.73	9.682	
2,700.00	2,633.15	2,703.72	2,640.38	9.16	8.80	-114.07	11.74	-493.21	178.43	160.16	18.27	9.766	
2,800.00	2,729.72	2,803.95	2,737.36	9.47	9.09	-114.24	14.19	-516.55	185.17	166.33	18.84	9.827	
2,900.00	2,826.29	2,904.18	2,834.33	9.80	9.39	-114.40	16.64	-539.88	191.92	172.47	19.45	9.868	
3,000.00	2,922.86	3,004.41	2,931.30	10.15	9.70	-114.55	19.09	-563.21	198.66	178.58	20.08	9.893	
3,100.00	3,019.43	3,104.64	3,028.28	10.50	10.03	-114.69	21.55	-586.54	205.41	184.67	20.74	9.904	
3,200.00	3,116.00	3,204.87	3,125.25	10.87	10.37	-114.83	24.00	-609.87	212.16	190.74	21.42	9.904	
3,300.00	3,212.57	3,305.10	3,222.22	11.25	10.72	-114.95	26.45	-633.21	218.91	196.79	22.13	9.894	
3,400.00	3,309.14	3,405.33	3,319.20	11.65	11.08	-115.07	28.90	-656.54	225.66	202.82	22.85	9.877	
3,500.00	3,405.71	3,505.56	3,416.17	12.04	11.44	-115.18	31.36	-679.87	232.42	208.83	23.59	9.853	
3,600.00	3,502.28	3,605.79	3,513.14	12.45	11.82	-115.28	33.81	-703.20	239.17	214.82	24.34	9.824	
3,700.00	3,598.85	3,706.02	3,610.12	12.87	12.20	-115.38	36.26	-726.53	245.92	220.81	25.11	9.792	
3,800.00	3,695.42	3,793.75	3,707.09	13.29	12.54	-115.47	38.71	-749.86	252.68	226.83	25.85	9.775	
3,900.00	3,791.99	3,906.47	3,804.06	13.72	12.98	-115.56	41.16	-773.20	259.43	232.74	26.69	9.719	
4,000.00	3,888.56	4,006.70	3,901.04	14.15	13.39	-115.64	43.62	-796.53	266.19	238.69	27.50	9.680	
4,100.00	3,985.13	4,106.93	3,998.01	14.59	13.79	-115.72	46.07	-819.86	272.94	244.63	28.31	9.640	
4,200.00	4,081.70	4,207.16	4,094.98	15.03	14.20	-115.80	48.52	-843.19	279.70	250.56	29.14	9.599	
4,300.00	4,178.27	4,307.39	4,191.96	15.48	14.61	-115.87	50.97	-866.52	286.46	256.49	29.97	9.558	
4,400.00	4,274.84	4,407.62	4,288.93	15.93	15.03	-115.94	53.43	-889.86	293.22	262.40	30.81	9.517	
4,500.00	4,371.41	4,507.85	4,385.90	16.38	15.45	-116.00	55.88	-913.19	299.97	268.32	31.66	9.476	
4,600.00	4,467.98	4,608.08	4,482.88	16.84	15.88	-116.06	58.33	-936.52	306.73	274.22	32.51	9.435	
4,700.00	4,564.55	4,691.69	4,579.85	17.30	16.23	-116.12	60.78	-959.85	313.49	280.19	33.30	9.415	
4,800.00	4,661.12	4,808.54	4,676.82	17.76	16.74	-116.18	63.23	-983.18	320.25	286.02	34.23	9.355	
4,900.00	4,757.69	4,908.77	4,773.80	18.23	17.17	-116.24	65.69	-1,006.51	327.01	291.91	35.10	9.316	
5,000.00	4,854.26	5,009.00	4,870.77	18.70	17.60	-116.29	68.14	-1,029.85	333.77	297.79	35.98	9.277	
5,100.00	4,950.83	5,109.22	4,967.74	19.17	18.04	-116.34	70.59	-1,053.18	340.53	303.67	36.85	9.240	
5,200.00	5,047.40	5,209.45	5,064.72	19.64	18.48	-116.39	73.04	-1,076.51	347.29	309.55	37.74	9.203	
5,300.00	5,143.97	5,309.68	5,161.69	20.11	18.92	-116.44	75.50	-1,099.84	354.05	315.43	38.62	9.167	
5,400.00	5,240.54	5,409.91	5,258.66	20.59	19.36	-116.48	77.95	-1,123.17	360.81	321.30	39.51	9.132	
5,500.00	5,337.11	5,489.86	5,355.64	21.07	19.72	-116.52	80.40	-1,146.51	367.57	327.25	40.31	9.117	
5,600.00	5,433.68	5,589.63	5,452.61	21.55	20.16	-116.57	82.85	-1,169.84	374.33	333.12	41.21	9.084	
5,700.00	5,530.25	5,689.40	5,549.58	22.03	20.61	-116.61	85.31	-1,193.17	381.09	338.99	42.10	9.051	
5,800.00	5,626.82	5,789.17	5,646.56	22.51	21.05	-116.65	87.76	-1,216.50	387.85	344.85	43.00	9.019	
5,900.00	5,723.39	5,888.94	5,743.53	22.99	21.50	-116.68	90.21	-1,239.83	394.61	350.71	43.90	8.988	
6,000.00	5,819.96	5,988.71	5,840.50	23.48	21.95	-116.72	92.66	-1,263.16	401.38	356.57	44.81	8.958	
6,100.00	5,916.53	6,088.48	5,937.48	23.96	22.40	-116.75	95.11	-1,286.50	408.14	362.43	45.71	8.928	
6,200.00	6,013.10	6,188.25	6,034.45	24.45	22.85	-116.79	97.57	-1,309.83	414.90	368.28	46.62	8.900	
6,300.00	6,109.67	6,288.03	6,131.42	24.93	23.30	-116.82	100.02	-1,333.16	421.66	374.13	47.53	8.872	
6,400.00	6,206.31	6,387.80	6,228.40	25.40	23.75	-119.51	102.47	-1,356.49	428.39	379.97	48.42	8.847	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,304.86	6,486.98	6,324.80	25.61	24.20	-152.73	104.91	-1,379.69	434.03	384.79	49.24	8.815	
6,600.00	6,404.33	6,582.54	6,417.91	25.73	24.56	129.91	107.26	-1,400.99	439.06	389.02	50.04	8.774	
6,700.00	6,502.26	6,678.26	6,513.00	25.80	24.72	109.76	109.65	-1,410.82	445.24	394.67	50.57	8.804	
6,800.00	6,596.25	6,778.29	6,612.77	25.88	24.82	105.61	112.13	-1,405.75	452.70	401.76	50.95	8.886	
6,900.00	6,683.99	6,883.28	6,715.27	26.01	24.89	105.21	114.65	-1,383.70	461.20	409.97	51.22	9.004	
7,000.00	6,763.31	6,993.86	6,817.75	26.26	24.99	106.09	117.15	-1,342.62	470.29	418.82	51.47	9.137	
7,100.00	6,832.26	7,110.49	6,916.43	26.67	25.21	107.47	119.52	-1,280.80	479.39	427.58	51.82	9.251	
7,200.00	6,889.14	7,233.38	7,006.38	27.31	25.67	108.96	121.64	-1,197.37	487.82	435.37	52.46	9.300	
7,300.00	6,932.56	7,362.29	7,081.69	28.20	26.51	110.34	123.37	-1,093.03	494.82	441.20	53.61	9.230	
7,400.00	6,961.43	7,496.35	7,136.10	29.35	27.84	111.45	124.55	-970.79	499.65	444.15	55.49	9.004	
7,500.00	6,975.06	7,634.01	7,164.12	30.72	29.65	112.20	125.06	-836.29	501.72	443.57	58.16	8.627	
7,600.00	6,977.71	7,747.76	7,168.31	32.26	31.43	112.35	125.00	-722.64	500.98	439.76	61.22	8.184	
7,700.00	6,979.94	7,847.76	7,170.34	33.99	33.16	112.38	124.90	-622.67	499.88	435.39	64.49	7.752	
7,800.00	6,982.17	7,947.75	7,172.37	35.89	35.06	112.41	124.81	-522.70	498.77	430.72	68.05	7.330	
7,900.00	6,984.40	8,047.75	7,174.40	37.94	37.10	112.44	124.72	-422.72	497.67	425.81	71.86	6.925	
8,000.00	6,986.62	8,147.74	7,176.42	40.10	39.26	112.46	124.62	-322.75	496.57	420.68	75.88	6.544	
8,100.00	6,988.85	8,247.73	7,178.45	42.36	41.52	112.49	124.53	-222.78	495.46	415.38	80.08	6.187	
8,200.00	6,991.08	8,347.73	7,180.48	44.70	43.87	112.52	124.44	-122.80	494.36	409.92	84.44	5.855	
8,300.00	6,993.31	8,447.72	7,182.51	47.12	46.28	112.55	124.34	-22.83	493.26	404.34	88.92	5.547	
8,400.00	6,995.54	8,547.71	7,184.54	49.60	48.75	112.58	124.25	77.14	492.16	398.65	93.51	5.263	
8,500.00	6,997.77	8,647.71	7,186.57	52.13	51.28	112.60	124.16	177.11	491.05	392.86	98.19	5.001	
8,600.00	6,999.99	8,747.70	7,188.60	54.70	53.85	112.63	124.06	277.09	489.95	386.99	102.96	4.759	
8,700.00	7,002.22	8,847.69	7,190.62	57.31	56.46	112.66	123.97	377.06	488.85	381.06	107.79	4.535	
8,800.00	7,004.45	8,947.69	7,192.65	59.96	59.10	112.69	123.87	477.03	487.75	375.06	112.68	4.328	
8,900.00	7,006.68	9,047.68	7,194.68	62.63	61.78	112.72	123.78	577.01	486.65	369.01	117.63	4.137	
9,000.00	7,008.91	9,147.68	7,196.71	65.33	64.47	112.75	123.69	676.98	485.54	362.92	122.62	3.960	
9,100.00	7,011.13	9,247.67	7,198.74	68.06	67.19	112.78	123.59	776.95	484.44	356.79	127.65	3.795	
9,200.00	7,013.36	9,347.66	7,200.77	70.80	69.93	112.81	123.50	876.93	483.34	350.62	132.72	3.642	
9,300.00	7,015.59	9,447.66	7,202.79	73.56	72.69	112.83	123.41	976.90	482.24	344.42	137.82	3.499	
9,400.00	7,017.82	9,547.65	7,204.82	76.33	75.46	112.86	123.31	1,076.87	481.14	338.20	142.94	3.366	
9,500.00	7,020.05	9,647.64	7,206.85	79.12	78.25	112.89	123.22	1,176.84	480.04	331.95	148.09	3.242	
9,600.00	7,022.27	9,747.64	7,208.88	81.92	81.05	112.92	123.13	1,276.82	478.93	325.67	153.26	3.125	
9,700.00	7,024.50	9,847.63	7,210.91	84.74	83.86	112.95	123.03	1,376.79	477.83	319.38	158.45	3.016	
9,800.00	7,026.73	9,947.62	7,212.94	87.56	86.68	112.98	122.94	1,476.76	476.73	313.08	163.66	2.913	
9,900.00	7,028.96	10,047.62	7,214.97	90.39	89.51	113.01	122.84	1,576.74	475.63	306.75	168.88	2.816	
10,000.00	7,031.19	10,147.61	7,216.99	93.23	92.35	113.04	122.75	1,676.71	474.53	300.42	174.11	2.725	
10,100.00	7,033.42	10,247.61	7,219.02	96.08	95.19	113.07	122.66	1,776.68	473.43	294.07	179.36	2.640	
10,200.00	7,035.64	10,347.60	7,221.05	98.93	98.05	113.10	122.56	1,876.66	472.33	287.71	184.62	2.558	
10,300.00	7,037.87	10,447.59	7,223.08	101.80	100.91	113.14	122.47	1,976.63	471.23	281.35	189.89	2.482	
10,400.00	7,040.10	10,547.59	7,225.11	104.66	103.77	113.17	122.38	2,076.60	470.13	274.97	195.16	2.409	
10,500.00	7,042.33	10,647.58	7,227.14	107.54	106.64	113.20	122.28	2,176.58	469.03	268.58	200.45	2.340	
10,600.00	7,044.56	10,747.57	7,229.16	110.41	109.52	113.23	122.19	2,276.55	467.93	262.19	205.74	2.274	
10,700.00	7,046.78	10,847.57	7,231.19	113.30	112.39	113.26	122.10	2,376.52	466.83	255.80	211.03	2.212	
10,800.00	7,049.01	10,947.56	7,233.22	116.18	115.28	113.29	122.00	2,476.49	465.73	249.39	216.34	2.153	
10,900.00	7,051.24	11,047.55	7,235.25	119.07	118.17	113.32	121.91	2,576.47	464.63	242.99	221.65	2.096	
11,000.00	7,053.47	11,147.55	7,237.28	121.97	121.06	113.35	121.81	2,676.44	463.53	236.58	226.96	2.042	
11,100.00	7,055.70	11,247.54	7,239.31	124.86	123.95	113.39	121.72	2,776.41	462.43	230.16	232.27	1.991	
11,200.00	7,057.93	11,347.54	7,241.34	127.76	126.85	113.42	121.63	2,876.39	461.34	223.74	237.59	1.942	
11,300.00	7,060.15	11,447.53	7,243.36	130.67	129.75	113.45	121.53	2,976.36	460.24	217.32	242.92	1.895	
11,400.00	7,062.38	11,547.52	7,245.39	133.57	132.66	113.48	121.44	3,076.33	459.14	210.90	248.24	1.850	
11,500.00	7,064.61	11,647.52	7,247.42	136.48	135.56	113.52	121.35	3,176.31	458.04	204.47	253.57	1.806	
11,600.00	7,066.84	11,747.51	7,249.45	139.39	138.47	113.55	121.25	3,276.28	456.94	198.04	258.90	1.765	
11,700.00	7,069.07	11,847.50	7,251.48	142.31	141.38	113.58	121.16	3,376.25	455.84	191.61	264.23	1.725	
11,800.00	7,071.29	11,947.50	7,253.51	145.22	144.29	113.61	121.06	3,476.22	454.74	185.18	269.56	1.687	
11,900.00	7,073.52	12,047.49	7,255.53	148.14	147.21	113.65	120.97	3,576.20	453.65	178.75	274.90	1.650	
12,000.00	7,075.75	12,147.48	7,257.56	151.06	150.13	113.68	120.88	3,676.17	452.55	172.32	280.23	1.615	
12,100.00	7,077.98	12,247.48	7,259.59	153.98	153.04	113.71	120.78	3,776.14	451.45	165.89	285.56	1.581	
12,200.00	7,080.21	12,347.47	7,261.62	156.90	155.96	113.75	120.69	3,876.12	450.35	159.45	290.90	1.548	
12,300.00	7,082.43	12,447.47	7,263.65	159.83	158.89	113.78	120.60	3,976.09	449.26	153.02	296.23	1.517	
12,400.00	7,084.66	12,547.46	7,265.68	162.75	161.81	113.82	120.50	4,076.06	448.16	146.59	301.57	1.486 Level 3	
12,500.00	7,086.89	12,647.45	7,267.71	165.68	164.73	113.85	120.41	4,176.04	447.06	140.16	306.90	1.457 Level 3	
12,600.00	7,089.12	12,747.45	7,269.73	168.61	167.66	113.88	120.32	4,276.01	445.97	133.73	312.24	1.428 Level 3	
12,700.00	7,091.35	12,847.44	7,271.76	171.54	170.59	113.92	120.22	4,375.98	444.87	127.30	317.57	1.401 Level 3	
12,800.00	7,093.58	12,947.43	7,273.79	174.47	173.52	113.95	120.13	4,475.95	443.77	120.87	322.91	1.374 Level 3	
12,900.00	7,095.80	13,047.43	7,275.82	177.40	176.45	113.99	120.03	4,575.93	442.68	114.44	328.24	1.349 Level 3	
13,000.00	7,098.03	13,147.42	7,277.85	180.34	179.38	114.02	119.94	4,675.90	441.58	108.01	333.57	1.324 Level 3	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,100.26	13,247.41	7,279.88	183.27	182.31	114.06	119.85	4,775.87	440.48	101.58	338.90	1.300	Level 3
13,200.00	7,102.49	13,347.41	7,281.90	186.21	185.24	114.09	119.75	4,875.85	439.39	95.16	344.23	1.276	Level 3
13,300.00	7,104.72	13,447.40	7,283.93	189.14	188.17	114.13	119.66	4,975.82	438.29	88.74	349.56	1.254	Level 3
13,400.00	7,106.94	13,547.40	7,285.96	192.08	191.11	114.16	119.57	5,075.79	437.20	82.31	354.88	1.232	Level 2
13,500.00	7,109.17	13,647.39	7,287.99	195.02	194.04	114.20	119.47	5,175.77	436.10	75.89	360.21	1.211	Level 2
13,600.00	7,111.40	13,747.38	7,290.02	197.96	196.98	114.24	119.38	5,275.74	435.01	69.48	365.53	1.190	Level 2
13,700.00	7,113.63	13,847.38	7,292.05	200.90	199.92	114.27	119.29	5,375.71	433.91	63.06	370.85	1.170	Level 2
13,800.00	7,115.86	13,947.37	7,294.08	203.84	202.86	114.31	119.19	5,475.68	432.82	56.65	376.17	1.151	Level 2
13,900.00	7,118.09	14,047.36	7,296.10	206.78	205.79	114.34	119.10	5,575.66	431.72	50.23	381.49	1.132	Level 2
14,000.00	7,120.31	14,147.36	7,298.13	209.72	208.73	114.38	119.00	5,675.63	430.63	43.82	386.80	1.113	Level 2
14,100.00	7,122.54	14,247.35	7,300.16	212.67	211.67	114.42	118.91	5,775.60	429.53	37.42	392.12	1.095	Level 2
14,200.00	7,124.77	14,347.34	7,302.19	215.61	214.61	114.46	118.82	5,875.58	428.44	31.01	397.43	1.078	Level 2
14,300.00	7,127.00	14,447.34	7,304.22	218.55	217.56	114.49	118.72	5,975.55	427.35	24.61	402.74	1.061	Level 2
14,400.00	7,129.23	14,547.33	7,306.25	221.50	220.50	114.53	118.63	6,075.52	426.25	18.21	408.04	1.045	Level 2
14,500.00	7,131.45	14,647.33	7,308.27	224.44	223.44	114.57	118.54	6,175.50	425.16	11.81	413.35	1.029	Level 2
14,600.00	7,133.68	14,747.32	7,310.30	227.39	226.38	114.61	118.44	6,275.47	424.07	5.42	418.65	1.013	Level 2
14,700.00	7,135.91	14,847.31	7,312.33	230.33	229.33	114.64	118.35	6,375.44	422.97	-0.97	423.94	0.998	Level 1
14,800.00	7,138.14	14,947.31	7,314.36	233.28	232.27	114.68	118.25	6,475.41	421.88	-7.36	429.24	0.983	Level 1
14,900.00	7,140.37	15,047.30	7,316.39	236.23	235.21	114.72	118.16	6,575.39	420.79	-13.75	434.53	0.968	Level 1
15,000.00	7,142.59	15,147.29	7,318.42	239.18	238.16	114.76	118.07	6,675.36	419.69	-20.13	439.82	0.954	Level 1
15,100.00	7,144.82	15,247.29	7,320.45	242.12	241.10	114.80	117.97	6,775.33	418.60	-26.51	445.11	0.940	Level 1
15,200.00	7,147.05	15,347.28	7,322.47	245.07	244.05	114.84	117.88	6,875.31	417.51	-32.88	450.39	0.927	Level 1
15,300.00	7,149.28	15,447.27	7,324.50	248.02	246.99	114.88	117.79	6,975.28	416.42	-39.26	455.67	0.914	Level 1
15,400.00	7,151.51	15,547.27	7,326.53	250.97	249.94	114.92	117.69	7,075.25	415.33	-45.63	460.95	0.901	Level 1
15,500.00	7,153.74	15,647.26	7,328.56	253.92	252.89	114.96	117.60	7,175.23	414.23	-51.99	466.23	0.888	Level 1
15,600.00	7,155.96	15,747.26	7,330.59	256.87	255.83	115.00	117.51	7,275.20	413.14	-58.36	471.50	0.876	Level 1
15,700.00	7,158.19	15,847.25	7,332.62	259.82	258.78	115.04	117.41	7,375.17	412.05	-64.71	476.77	0.864	Level 1
15,800.00	7,160.42	15,947.24	7,334.64	262.77	261.73	115.08	117.32	7,475.14	410.96	-71.07	482.03	0.853	Level 1
15,900.00	7,162.65	16,047.24	7,336.67	265.72	264.68	115.12	117.22	7,575.12	409.87	-77.42	487.29	0.841	Level 1
16,000.00	7,164.88	16,147.23	7,338.70	268.67	267.63	115.16	117.13	7,675.09	408.78	-83.77	492.55	0.830	Level 1
16,100.00	7,167.10	16,247.22	7,340.73	271.63	270.58	115.20	117.04	7,775.06	407.69	-90.11	497.80	0.819	Level 1
16,200.00	7,169.33	16,347.22	7,342.76	274.58	273.52	115.24	116.94	7,875.04	406.60	-96.46	503.05	0.808	Level 1
16,300.00	7,171.56	16,447.21	7,344.79	277.53	276.47	115.28	116.85	7,975.01	405.51	-102.79	508.30	0.798	Level 1
16,400.00	7,173.79	16,547.20	7,346.82	280.48	279.42	115.32	116.76	8,074.98	404.42	-109.12	513.54	0.788	Level 1
16,500.00	7,176.02	16,647.20	7,348.84	283.44	282.37	115.37	116.66	8,174.96	403.33	-115.45	518.78	0.777	Level 1
16,600.00	7,178.24	16,747.19	7,350.87	286.39	285.32	115.41	116.57	8,274.93	402.24	-121.78	524.02	0.768	Level 1
16,700.00	7,180.47	16,847.19	7,352.90	289.34	288.27	115.45	116.48	8,374.90	401.15	-128.10	529.25	0.758	Level 1
16,800.00	7,182.70	16,947.18	7,354.93	292.30	291.23	115.49	116.38	8,474.87	400.06	-134.41	534.48	0.749	Level 1
16,900.00	7,184.93	17,047.17	7,356.96	295.25	294.18	115.54	116.29	8,574.85	398.97	-140.73	539.70	0.739	Level 1
17,000.00	7,187.16	17,147.17	7,358.99	298.20	297.13	115.58	116.19	8,674.82	397.88	-147.03	544.92	0.730	Level 1
17,100.00	7,189.39	17,247.16	7,361.02	301.16	300.08	115.62	116.10	8,774.79	396.80	-153.34	550.13	0.721	Level 1
17,200.00	7,191.61	17,347.15	7,363.04	304.11	303.03	115.67	116.01	8,874.77	395.71	-159.63	555.34	0.713	Level 1
17,300.00	7,193.84	17,447.15	7,365.07	307.07	305.98	115.71	115.91	8,974.74	394.62	-165.93	560.55	0.704	Level 1
17,400.00	7,196.07	17,547.14	7,367.10	310.02	308.93	115.75	115.82	9,074.71	393.53	-172.22	565.75	0.696	Level 1
17,486.62	7,198.00	17,633.76	7,368.86	312.58	311.49	115.79	115.74	9,161.31	392.59	-177.66	570.25	0.688	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.40	-79.79	-0.84	79.79				
100.00	100.00	100.00	100.00	3.28	3.28	-179.40	-79.79	-0.84	79.79	72.26	7.53	10.600	
200.00	200.00	200.00	200.00	3.30	3.30	-179.40	-79.79	-0.84	79.79	72.22	7.57	10.542	CC, ES
200.00	200.00	200.00	200.00	3.30	3.30	-179.40	-79.79	-0.84	79.79	72.22	7.57	10.542	
300.00	300.00	299.85	299.85	3.34	3.34	-109.98	-79.83	-1.27	79.99	72.33	7.65	10.452	
400.00	399.93	399.54	399.47	3.41	3.40	-109.83	-80.16	-4.72	81.55	73.78	7.77	10.490	
500.00	499.68	499.17	498.85	3.50	3.49	-109.53	-80.82	-11.61	84.67	76.73	7.94	10.660	
600.00	599.13	598.71	597.85	3.61	3.60	-109.12	-81.82	-21.93	89.36	81.19	8.17	10.941	
700.00	698.15	698.12	696.29	3.75	3.74	-108.64	-83.14	-35.65	95.60	87.15	8.45	11.308	
800.00	796.63	797.37	794.05	3.93	3.92	-108.10	-84.78	-52.73	103.39	94.58	8.82	11.728	
900.00	894.44	896.43	890.96	4.16	4.15	-107.54	-86.75	-73.12	112.72	103.46	9.26	12.169	
1,000.00	991.46	1,004.58	987.07	4.44	4.45	-107.04	-89.02	-96.71	123.56	113.72	9.84	12.561	
1,100.00	1,088.03	1,105.24	1,083.29	4.76	4.78	-107.14	-91.38	-121.26	135.06	124.59	10.47	12.894	
1,200.00	1,184.60	1,205.91	1,179.52	5.11	5.13	-107.23	-93.75	-145.82	146.57	135.40	11.17	13.121	
1,300.00	1,281.17	1,306.57	1,275.74	5.49	5.51	-107.31	-96.11	-170.38	158.07	146.16	11.91	13.269	
1,400.00	1,377.74	1,407.24	1,371.96	5.89	5.91	-107.38	-98.48	-194.93	169.58	156.89	12.69	13.359	
1,500.00	1,474.31	1,507.90	1,468.19	6.31	6.32	-107.44	-100.84	-219.49	181.09	167.58	13.51	13.408	
1,600.00	1,570.88	1,608.56	1,564.41	6.73	6.75	-107.49	-103.20	-244.05	192.60	178.25	14.34	13.428	
1,700.00	1,667.45	1,709.23	1,660.63	7.17	7.16	-107.54	-105.57	-268.60	204.10	188.92	15.18	13.443	
1,800.00	1,764.02	1,809.89	1,756.86	7.42	7.39	-107.58	-107.93	-293.16	215.61	200.34	15.27	14.120	
1,900.00	1,860.59	1,889.44	1,853.08	7.50	7.45	-107.61	-110.30	-317.72	227.12	211.72	15.40	14.750	
2,000.00	1,957.16	1,988.78	1,949.30	7.60	7.55	-107.65	-112.66	-342.27	238.63	223.02	15.60	15.296	
2,100.00	2,053.73	2,088.11	2,045.53	7.75	7.68	-107.68	-115.03	-366.83	250.13	234.27	15.87	15.766	
2,200.00	2,150.30	2,187.45	2,141.75	7.92	7.84	-107.71	-117.39	-391.39	261.64	245.45	16.19	16.162	
2,300.00	2,246.87	2,286.78	2,237.97	8.12	8.03	-107.73	-119.76	-415.94	273.15	256.58	16.57	16.488	
2,400.00	2,343.44	2,386.12	2,334.20	8.34	8.24	-107.75	-122.12	-440.50	284.66	267.66	17.00	16.748	
2,500.00	2,440.01	2,485.46	2,430.42	8.60	8.48	-107.78	-124.48	-465.06	296.16	278.69	17.47	16.949	
2,600.00	2,536.58	2,584.79	2,526.64	8.87	8.74	-107.80	-126.85	-489.61	307.67	289.68	17.99	17.098	
2,700.00	2,633.15	2,684.13	2,622.87	9.16	9.02	-107.81	-129.21	-514.17	319.18	300.63	18.55	17.202	
2,800.00	2,729.72	2,783.46	2,719.09	9.47	9.32	-107.83	-131.58	-538.73	330.69	311.54	19.15	17.267	
2,900.00	2,826.29	2,882.80	2,815.31	9.80	9.63	-107.85	-133.94	-563.28	342.20	322.42	19.78	17.299	
3,000.00	2,922.86	2,982.13	2,911.54	10.15	9.96	-107.86	-136.31	-587.84	353.70	333.26	20.44	17.305	
3,100.00	3,019.43	3,081.47	3,007.76	10.50	10.30	-107.88	-138.67	-612.40	365.21	344.09	21.13	17.288	
3,200.00	3,116.00	3,180.80	3,103.98	10.87	10.66	-107.89	-141.04	-636.95	376.72	354.89	21.84	17.252	
3,300.00	3,212.57	3,280.14	3,200.21	11.25	11.02	-107.90	-143.40	-661.51	388.23	365.66	22.57	17.203	
3,400.00	3,309.14	3,379.48	3,296.43	11.65	11.40	-107.91	-145.77	-686.07	399.74	376.42	23.32	17.142	
3,500.00	3,405.71	3,478.81	3,392.65	12.04	11.79	-107.92	-148.13	-710.62	411.25	387.16	24.09	17.072	
3,600.00	3,502.28	3,578.15	3,488.88	12.45	12.18	-107.93	-150.49	-735.18	422.75	397.88	24.87	16.995	
3,700.00	3,598.85	3,677.48	3,585.10	12.87	12.58	-107.94	-152.86	-759.74	434.26	408.59	25.68	16.914	
3,800.00	3,695.42	3,776.82	3,681.32	13.29	12.99	-107.95	-155.22	-784.29	445.77	419.28	26.49	16.829	
3,900.00	3,791.99	3,876.15	3,777.55	13.72	13.40	-107.96	-157.59	-808.85	457.28	429.96	27.31	16.741	
4,000.00	3,888.56	3,975.49	3,873.77	14.15	13.82	-107.97	-159.95	-833.41	468.79	440.64	28.15	16.652	
4,100.00	3,985.13	4,074.82	3,969.99	14.59	14.24	-107.98	-162.32	-857.96	480.30	451.30	29.00	16.563	
4,200.00	4,081.70	4,174.16	4,066.22	15.03	14.67	-107.99	-164.68	-882.52	491.80	461.95	29.85	16.474	
4,300.00	4,178.27	4,273.50	4,162.44	15.48	15.10	-107.99	-167.05	-907.08	503.31	472.59	30.72	16.385	
4,400.00	4,274.84	4,372.83	4,258.66	15.93	15.54	-108.00	-169.41	-931.63	514.82	483.23	31.59	16.297	
4,500.00	4,371.41	4,472.17	4,354.89	16.38	15.98	-108.01	-171.78	-956.19	526.33	493.86	32.47	16.210	
4,600.00	4,467.98	4,571.50	4,451.11	16.84	16.43	-108.01	-174.14	-980.75	537.84	504.48	33.35	16.125	
4,700.00	4,564.55	4,670.84	4,547.33	17.30	16.87	-108.02	-176.50	-1,005.30	549.35	515.10	34.25	16.041	
4,800.00	4,661.12	4,770.17	4,643.56	17.76	17.32	-108.03	-178.87	-1,029.86	560.85	525.71	35.14	15.959	
4,900.00	4,757.69	4,869.51	4,739.78	18.23	17.77	-108.03	-181.23	-1,054.41	572.36	536.32	36.05	15.879	
5,000.00	4,854.26	4,968.84	4,836.00	18.70	18.23	-108.04	-183.60	-1,078.97	583.87	546.92	36.95	15.801	
5,100.00	4,950.83	5,068.18	4,932.23	19.17	18.68	-108.04	-185.96	-1,103.53	595.38	557.51	37.86	15.724	
5,200.00	5,047.40	5,167.52	5,028.45	19.64	19.14	-108.05	-188.33	-1,128.08	606.89	568.11	38.78	15.650	
5,300.00	5,143.97	5,266.85	5,124.67	20.11	19.60	-108.05	-190.69	-1,152.64	618.40	578.70	39.70	15.577	
5,400.00	5,240.54	5,366.19	5,220.90	20.59	20.07	-108.06	-193.06	-1,177.20	629.90	589.28	40.62	15.507	
5,500.00	5,337.11	5,465.52	5,317.12	21.07	20.53	-108.06	-195.42	-1,201.75	641.41	599.87	41.55	15.438	
5,600.00	5,433.68	5,564.86	5,413.34	21.55	21.00	-108.07	-197.79	-1,226.31	652.92	610.44	42.48	15.372	
5,700.00	5,530.25	5,664.19	5,509.57	22.03	21.46	-108.07	-200.15	-1,250.87	664.43	621.02	43.41	15.307	
5,800.00	5,626.82	5,763.53	5,605.79	22.51	21.93	-108.07	-202.51	-1,275.42	675.94	631.60	44.34	15.244	
5,900.00	5,723.39	5,862.86	5,702.01	22.99	22.40	-108.08	-204.88	-1,299.98	687.45	642.17	45.28	15.183	
6,000.00	5,819.96	5,962.20	5,798.24	23.48	22.87	-108.08	-207.24	-1,324.54	698.95	652.74	46.22	15.123	
6,100.00	5,916.53	6,061.54	5,894.46	23.96	23.34	-108.09	-209.61	-1,349.09	710.46	663.30	47.16	15.065	
6,200.00	6,013.10	6,160.87	5,990.68	24.45	23.82	-108.09	-211.97	-1,373.65	721.97	673.87	48.10	15.009	
6,300.00	6,109.67	6,261.45	6,088.36	24.93	24.23	-108.18	-214.37	-1,397.47	733.45	684.45	49.00	14.970	
6,400.00	6,206.31	6,362.35	6,188.48	25.40	24.40	-112.01	-216.77	-1,408.79	744.70	695.10	49.60	15.015	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,304.86	6,459.95	6,285.87	25.61	24.49	-148.51	-219.05	-1,404.57	756.25	706.43	49.82	15.179	
6,600.00	6,404.33	6,555.07	6,379.08	25.73	24.54	129.22	-221.18	-1,386.18	768.02	718.11	49.91	15.387	
6,700.00	6,502.26	6,648.03	6,466.55	25.80	24.61	104.02	-223.12	-1,354.99	779.65	729.68	49.97	15.603	
6,800.00	6,596.25	6,739.16	6,546.99	25.88	24.73	95.04	-224.85	-1,312.38	790.76	740.68	50.09	15.788	
6,900.00	6,683.99	6,828.74	6,619.36	26.01	24.96	90.09	-226.36	-1,259.72	801.02	750.65	50.37	15.903	
7,000.00	6,763.31	6,917.03	6,682.76	26.26	25.31	86.82	-227.61	-1,198.39	810.10	759.19	50.92	15.911	
7,100.00	6,832.26	7,004.29	6,736.51	26.67	25.84	84.50	-228.62	-1,129.74	817.72	765.90	51.82	15.779	
7,200.00	6,889.14	7,090.74	6,780.01	27.31	26.55	82.86	-229.35	-1,055.12	823.64	770.47	53.18	15.489	
7,300.00	6,932.56	7,176.59	6,812.82	28.20	27.46	81.75	-229.82	-975.86	827.68	772.68	55.01	15.047	
7,400.00	6,961.43	7,262.04	6,834.60	29.35	28.55	81.12	-230.01	-893.30	829.72	772.43	57.29	14.483	
7,500.00	6,975.06	7,347.26	6,845.14	30.72	29.78	80.94	-229.93	-808.80	829.68	769.73	59.94	13.841	
7,600.00	6,977.71	7,443.51	6,847.74	32.26	31.33	80.95	-229.62	-712.59	828.19	765.12	63.07	13.131	
7,700.00	6,979.94	7,543.49	6,850.07	33.99	33.11	80.94	-229.29	-612.63	826.66	760.07	66.59	12.415	
7,800.00	6,982.17	7,643.48	6,852.40	35.89	35.05	80.93	-228.96	-512.67	825.12	754.71	70.41	11.718	
7,900.00	6,984.40	7,743.47	6,854.73	37.94	37.13	80.92	-228.62	-412.71	823.59	749.08	74.51	11.053	
8,000.00	6,986.62	7,843.46	6,857.06	40.10	39.32	80.91	-228.29	-312.75	822.05	743.22	78.83	10.428	
8,100.00	6,988.85	7,943.45	6,859.38	42.36	41.61	80.90	-227.96	-212.79	820.52	737.18	83.34	9.846	
8,200.00	6,991.08	8,043.43	6,861.71	44.70	43.98	80.89	-227.63	-112.83	818.99	730.98	88.01	9.306	
8,300.00	6,993.31	8,143.42	6,864.04	47.12	46.41	80.88	-227.29	-12.87	817.45	724.64	92.81	8.808	
8,400.00	6,995.54	8,243.41	6,866.37	49.60	48.91	80.87	-226.96	87.09	815.92	718.19	97.73	8.349	
8,500.00	6,997.77	8,343.40	6,868.70	52.13	51.45	80.86	-226.63	187.05	814.38	711.64	102.75	7.926	
8,600.00	6,999.99	8,443.39	6,871.03	54.70	54.04	80.85	-226.29	287.01	812.85	705.00	107.85	7.537	
8,700.00	7,002.22	8,543.37	6,873.36	57.31	56.66	80.84	-225.96	386.97	811.32	698.29	113.02	7.178	
8,800.00	7,004.45	8,643.36	6,875.68	59.96	59.32	80.83	-225.63	486.93	809.78	691.52	118.26	6.847	
8,900.00	7,006.68	8,743.35	6,878.01	62.63	62.00	80.82	-225.30	586.90	808.25	684.69	123.55	6.542	
9,000.00	7,008.91	8,843.34	6,880.34	65.33	64.71	80.81	-224.96	686.86	806.71	677.82	128.90	6.259	
9,100.00	7,011.13	8,943.33	6,882.67	68.06	67.44	80.80	-224.63	786.82	805.18	670.90	134.28	5.996	
9,200.00	7,013.36	9,043.32	6,885.00	70.80	70.19	80.79	-224.30	886.78	803.65	663.94	139.70	5.753	
9,300.00	7,015.59	9,143.30	6,887.33	73.56	72.95	80.78	-223.97	986.74	802.11	656.96	145.16	5.526	
9,400.00	7,017.82	9,243.29	6,889.65	76.33	75.73	80.76	-223.63	1,086.70	800.58	649.94	150.64	5.314	
9,500.00	7,020.05	9,343.28	6,891.98	79.12	78.52	80.75	-223.30	1,186.66	799.05	642.89	156.15	5.117	
9,600.00	7,022.27	9,443.27	6,894.31	81.92	81.33	80.74	-222.97	1,286.62	797.51	635.83	161.69	4.932	
9,700.00	7,024.50	9,543.26	6,896.64	84.74	84.15	80.73	-222.63	1,386.58	795.98	628.74	167.24	4.759	
9,800.00	7,026.73	9,643.24	6,898.97	87.56	86.97	80.72	-222.30	1,486.54	794.44	621.63	172.82	4.597	
9,900.00	7,028.96	9,743.23	6,901.30	90.39	89.80	80.71	-221.97	1,586.50	792.91	614.50	178.41	4.444	
10,000.00	7,031.19	9,843.22	6,903.63	93.23	92.65	80.70	-221.64	1,686.46	791.38	607.36	184.02	4.301	
10,100.00	7,033.42	9,943.21	6,905.95	96.08	95.50	80.69	-221.30	1,786.42	789.84	600.21	189.64	4.165	
10,200.00	7,035.64	10,043.20	6,908.28	98.93	98.35	80.68	-220.97	1,886.38	788.31	593.04	195.27	4.037	
10,300.00	7,037.87	10,143.19	6,910.61	101.80	101.21	80.67	-220.64	1,986.34	786.78	585.86	200.92	3.916	
10,400.00	7,040.10	10,243.17	6,912.94	104.66	104.08	80.66	-220.31	2,086.30	785.24	578.67	206.58	3.801	
10,500.00	7,042.33	10,343.16	6,915.27	107.54	106.95	80.65	-219.97	2,186.26	783.71	571.46	212.25	3.692	
10,600.00	7,044.56	10,433.89	6,917.38	110.41	109.56	80.64	-219.88	2,276.96	782.44	564.76	217.68	3.594	
10,612.88	7,044.84	10,444.03	6,917.62	110.79	109.86	80.64	-219.98	2,287.10	782.41	564.08	218.33	3.584	
10,700.00	7,046.78	10,527.57	6,919.56	113.30	112.27	80.65	-221.36	2,370.61	782.77	559.58	223.19	3.507	
10,800.00	7,049.01	10,627.57	6,921.89	116.18	115.16	80.66	-223.04	2,470.57	783.23	554.32	228.91	3.422	
10,900.00	7,051.24	10,727.57	6,924.22	119.07	118.05	80.68	-224.73	2,570.53	783.69	549.06	234.63	3.340	
11,000.00	7,053.47	10,827.57	6,926.55	121.97	120.95	80.69	-226.41	2,670.48	784.15	543.79	240.35	3.262	
11,100.00	7,055.70	10,927.57	6,928.88	124.86	123.85	80.70	-228.10	2,770.44	784.60	538.51	246.09	3.188	
11,200.00	7,057.93	11,027.57	6,931.21	127.76	126.75	80.71	-229.78	2,870.40	785.06	533.23	251.83	3.117	
11,300.00	7,060.15	11,127.57	6,933.53	130.67	129.66	80.73	-231.47	2,970.36	785.52	527.94	257.58	3.050	
11,400.00	7,062.38	11,227.56	6,935.86	133.57	132.57	80.74	-233.15	3,070.31	785.98	522.64	263.33	2.985	
11,500.00	7,064.61	11,327.56	6,938.19	136.48	135.48	80.75	-234.84	3,170.27	786.43	517.34	269.09	2.923	
11,600.00	7,066.84	11,427.56	6,940.52	139.39	138.40	80.77	-236.52	3,270.23	786.89	512.04	274.85	2.863	
11,700.00	7,069.07	11,527.56	6,942.85	142.31	141.31	80.78	-238.21	3,370.19	787.35	506.73	280.62	2.806	
11,800.00	7,071.29	11,627.56	6,945.18	145.22	144.23	80.79	-239.89	3,470.14	787.81	501.41	286.40	2.751	
11,900.00	7,073.52	11,727.56	6,947.50	148.14	147.15	80.80	-241.58	3,570.10	788.27	496.09	292.17	2.698	
12,000.00	7,075.75	11,827.56	6,949.83	151.06	150.07	80.82	-243.26	3,670.06	788.72	490.77	297.95	2.647	
12,100.00	7,077.98	11,927.56	6,952.16	153.98	153.00	80.83	-244.95	3,770.02	789.18	485.44	303.74	2.598	
12,200.00	7,080.21	12,027.55	6,954.49	156.90	155.92	80.84	-246.63	3,869.97	789.64	480.11	309.53	2.551	
12,300.00	7,082.43	12,127.55	6,956.82	159.83	158.85	80.86	-248.32	3,969.93	790.10	474.78	315.32	2.506	
12,400.00	7,084.66	12,227.55	6,959.15	162.75	161.78	80.87	-250.00	4,069.89	790.56	469.44	321.12	2.462	
12,500.00	7,086.89	12,327.55	6,961.48	165.68	164.71	80.88	-251.69	4,169.85	791.01	464.10	326.91	2.420	
12,600.00	7,089.12	12,427.55	6,963.80	168.61	167.64	80.89	-253.37	4,269.80	791.47	458.76	332.72	2.379	
12,700.00	7,091.35	12,527.55	6,966.13	171.54	170.57	80.91	-255.06	4,369.76	791.93	453.41	338.52	2.339	
12,800.00	7,093.58	12,627.55	6,968.46	174.47	173.51	80.92	-256.74	4,469.72	792.39	448.06	344.33	2.301	
12,900.00	7,095.80	12,727.55	6,970.79	177.40	176.44	80.93	-258.43	4,569.68	792.85	442.71	350.14	2.264	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
13,000.00	7,098.03	12,827.54	6,973.12	180.34	179.38	80.94	-260.11	4,669.63	793.31	437.36	355.95	2.229	
13,100.00	7,100.26	12,927.54	6,975.45	183.27	182.31	80.96	-261.80	4,769.59	793.76	432.00	361.76	2.194	
13,200.00	7,102.49	13,027.54	6,977.78	186.21	185.25	80.97	-263.48	4,869.55	794.22	426.64	367.58	2.161	
13,300.00	7,104.72	13,127.54	6,980.10	189.14	188.19	80.98	-265.17	4,969.51	794.68	421.28	373.40	2.128	
13,400.00	7,106.94	13,227.54	6,982.43	192.08	191.13	80.99	-266.85	5,069.46	795.14	415.92	379.22	2.097	
13,500.00	7,109.17	13,327.54	6,984.76	195.02	194.07	81.01	-268.53	5,169.42	795.60	410.56	385.04	2.066	
13,600.00	7,111.40	13,427.54	6,987.09	197.96	197.01	81.02	-270.22	5,269.38	796.06	405.19	390.87	2.037	
13,700.00	7,113.63	13,527.54	6,989.42	200.90	199.95	81.03	-271.90	5,369.34	796.52	399.82	396.69	2.008	
13,800.00	7,115.86	13,627.54	6,991.75	203.84	202.90	81.04	-273.59	5,469.29	796.97	394.45	402.52	1.980	
13,900.00	7,118.09	13,727.53	6,994.08	206.78	205.84	81.06	-275.27	5,569.25	797.43	389.08	408.35	1.953	
14,000.00	7,120.31	13,827.53	6,996.40	209.72	208.78	81.07	-276.96	5,669.21	797.89	383.71	414.19	1.926	
14,100.00	7,122.54	13,927.53	6,998.73	212.67	211.73	81.08	-278.64	5,769.17	798.35	378.33	420.02	1.901	
14,200.00	7,124.77	14,027.53	7,001.06	215.61	214.67	81.09	-280.33	5,869.12	798.81	372.95	425.85	1.876	
14,300.00	7,127.00	14,127.53	7,003.39	218.55	217.62	81.11	-282.01	5,969.08	799.27	367.58	431.69	1.851	
14,400.00	7,129.23	14,227.53	7,005.72	221.50	220.57	81.12	-283.70	6,069.04	799.73	362.20	437.53	1.828	
14,500.00	7,131.45	14,327.53	7,008.05	224.44	223.51	81.13	-285.38	6,169.00	800.19	356.82	443.37	1.805	
14,600.00	7,133.68	14,427.53	7,010.38	227.39	226.46	81.14	-287.07	6,268.95	800.64	351.43	449.21	1.782	
14,700.00	7,135.91	14,527.52	7,012.70	230.33	229.41	81.16	-288.75	6,368.91	801.10	346.05	455.05	1.760	
14,800.00	7,138.14	14,627.52	7,015.03	233.28	232.36	81.17	-290.44	6,468.87	801.56	340.67	460.90	1.739	
14,900.00	7,140.37	14,727.52	7,017.36	236.23	235.31	81.18	-292.12	6,568.83	802.02	335.28	466.74	1.718	
15,000.00	7,142.59	14,827.52	7,019.69	239.18	238.26	81.19	-293.81	6,668.78	802.48	329.89	472.59	1.698	
15,100.00	7,144.82	14,927.52	7,022.02	242.12	241.21	81.21	-295.49	6,768.74	802.94	324.50	478.44	1.678	
15,200.00	7,147.05	15,027.52	7,024.35	245.07	244.16	81.22	-297.18	6,868.70	803.40	319.12	484.28	1.659	
15,300.00	7,149.28	15,127.52	7,026.68	248.02	247.11	81.23	-298.86	6,968.66	803.86	313.73	490.13	1.640	
15,400.00	7,151.51	15,227.52	7,029.00	250.97	250.06	81.24	-300.55	7,068.61	804.32	308.33	495.98	1.622	
15,500.00	7,153.74	15,327.51	7,031.33	253.92	253.01	81.26	-302.23	7,168.57	804.78	302.94	501.84	1.604	
15,600.00	7,155.96	15,427.51	7,033.66	256.87	255.96	81.27	-303.92	7,268.53	805.24	297.55	507.69	1.586	
15,700.00	7,158.19	15,527.51	7,035.99	259.82	258.91	81.28	-305.60	7,368.49	805.70	292.15	513.54	1.569	
15,800.00	7,160.42	15,627.51	7,038.32	262.77	261.87	81.29	-307.29	7,468.44	806.16	286.76	519.40	1.552	
15,900.00	7,162.65	15,727.51	7,040.65	265.72	264.82	81.30	-308.97	7,568.40	806.61	281.36	525.25	1.536	
16,000.00	7,164.88	15,827.51	7,042.98	268.67	267.77	81.32	-310.66	7,668.36	807.07	275.96	531.11	1.520	
16,100.00	7,167.10	15,927.51	7,045.30	271.63	270.73	81.33	-312.34	7,768.32	807.53	270.57	536.97	1.504	
16,200.00	7,169.33	16,027.51	7,047.63	274.58	273.68	81.34	-314.02	7,868.27	807.99	265.17	542.83	1.488 Level 3	
16,300.00	7,171.56	16,127.51	7,049.96	277.53	276.63	81.35	-315.71	7,968.23	808.45	259.77	548.69	1.473 Level 3	
16,400.00	7,173.79	16,227.50	7,052.29	280.48	279.59	81.37	-317.39	8,068.19	808.91	254.37	554.55	1.459 Level 3	
16,500.00	7,176.02	16,327.50	7,054.62	283.44	282.54	81.38	-319.08	8,168.15	809.37	248.96	560.41	1.444 Level 3	
16,600.00	7,178.24	16,427.50	7,056.95	286.39	285.50	81.39	-320.76	8,268.10	809.83	243.56	566.27	1.430 Level 3	
16,700.00	7,180.47	16,527.50	7,059.28	289.34	288.45	81.40	-322.45	8,368.06	810.29	238.16	572.13	1.416 Level 3	
16,800.00	7,182.70	16,627.50	7,061.60	292.30	291.41	81.41	-324.13	8,468.02	810.75	232.76	578.00	1.403 Level 3	
16,900.00	7,184.93	16,727.50	7,063.93	295.25	294.36	81.43	-325.82	8,567.98	811.21	227.35	583.86	1.389 Level 3	
17,000.00	7,187.16	16,827.50	7,066.26	298.20	297.32	81.44	-327.50	8,667.93	811.67	221.95	589.73	1.376 Level 3	
17,100.00	7,189.39	16,927.50	7,068.59	301.16	300.28	81.45	-329.19	8,767.89	812.13	216.54	595.59	1.364 Level 3	
17,200.00	7,191.61	17,027.49	7,070.92	304.11	303.23	81.46	-330.87	8,867.85	812.59	211.13	601.46	1.351 Level 3	
17,300.00	7,193.84	17,127.49	7,073.25	307.07	306.19	81.47	-332.56	8,967.81	813.05	205.73	607.33	1.339 Level 3	
17,400.00	7,196.07	17,227.49	7,075.58	310.02	309.15	81.49	-334.24	9,067.76	813.51	200.32	613.19	1.327 Level 3	
17,486.62	7,198.00	17,314.11	7,077.59	312.58	311.71	81.50	-335.70	9,154.35	813.91	195.63	618.28	1.316 Level 3, SF	

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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-59.75	-0.56	59.75				
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-59.75	-0.56	59.75	52.22	7.53	7.938	
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-59.75	-0.56	59.75	52.18	7.57	7.895	
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-59.75	-0.56	59.75	52.18	7.57	7.895	CC
300.00	300.00	299.97	299.96	3.34	3.34	-110.04	-59.76	-0.99	59.92	52.26	7.65	7.829	
400.00	399.93	399.89	399.82	3.41	3.41	-109.82	-59.84	-4.48	61.22	53.45	7.77	7.875	
500.00	499.68	499.77	499.45	3.50	3.49	-109.41	-60.00	-11.43	63.84	55.90	7.94	8.036	
600.00	599.13	599.58	598.71	3.61	3.60	-108.85	-60.23	-21.85	67.77	59.60	8.17	8.295	
700.00	698.15	699.30	697.46	3.75	3.74	-108.19	-60.55	-35.71	73.01	64.55	8.46	8.632	
800.00	796.63	798.91	795.56	3.93	3.93	-107.48	-60.94	-52.97	79.55	70.73	8.82	9.018	
900.00	894.44	898.38	892.86	4.16	4.15	-106.76	-61.41	-73.60	87.39	78.12	9.27	9.426	
1,000.00	991.46	1,002.17	989.47	4.44	4.44	-106.29	-61.94	-97.20	96.48	86.65	9.83	9.812	
1,100.00	1,088.03	1,102.64	1,086.04	4.76	4.76	-106.74	-62.49	-121.27	106.14	95.67	10.47	10.140	
1,200.00	1,184.60	1,203.11	1,182.61	5.11	5.11	-107.12	-63.03	-145.34	115.79	104.64	11.16	10.379	
1,300.00	1,281.17	1,303.58	1,279.19	5.49	5.48	-107.45	-63.58	-169.42	125.45	113.56	11.89	10.549	
1,400.00	1,377.74	1,404.05	1,375.76	5.89	5.86	-107.72	-64.13	-193.49	135.12	122.45	12.67	10.668	
1,500.00	1,474.31	1,504.52	1,472.33	6.31	6.26	-107.96	-64.67	-217.56	144.79	131.32	13.47	10.749	
1,600.00	1,570.88	1,604.99	1,568.91	6.73	6.68	-108.17	-65.22	-241.63	154.46	140.16	14.30	10.802	
1,700.00	1,667.45	1,705.46	1,665.48	7.17	7.09	-108.36	-65.77	-265.71	164.13	148.99	15.14	10.843	
1,800.00	1,764.02	1,794.07	1,762.05	7.42	7.30	-108.52	-66.31	-289.78	173.80	158.59	15.21	11.429	
1,900.00	1,860.59	1,906.40	1,858.63	7.50	7.39	-108.67	-66.86	-313.85	183.48	168.11	15.37	11.940	
2,000.00	1,957.16	2,006.87	1,955.20	7.60	7.49	-108.80	-67.40	-337.92	193.15	177.58	15.57	12.404	
2,100.00	2,053.73	2,107.34	2,051.77	7.75	7.63	-108.92	-67.95	-361.99	202.83	186.99	15.84	12.806	
2,200.00	2,150.30	2,207.81	2,148.35	7.92	7.79	-109.03	-68.50	-386.07	212.50	196.34	16.16	13.147	
2,300.00	2,246.87	2,308.28	2,244.92	8.12	7.98	-109.13	-69.04	-410.14	222.18	205.64	16.54	13.430	
2,400.00	2,343.44	2,408.75	2,341.49	8.34	8.19	-109.22	-69.59	-434.21	231.86	214.89	16.97	13.660	
2,500.00	2,440.01	2,509.22	2,438.07	8.60	8.43	-109.30	-70.14	-458.28	241.54	224.09	17.45	13.841	
2,600.00	2,536.58	2,609.69	2,534.64	8.87	8.69	-109.38	-70.68	-482.36	251.22	233.25	17.97	13.978	
2,700.00	2,633.15	2,689.84	2,631.21	9.16	8.91	-109.45	-71.23	-506.43	260.90	242.42	18.47	14.122	
2,800.00	2,729.72	2,789.37	2,727.79	9.47	9.20	-109.51	-71.78	-530.50	270.58	251.52	19.06	14.193	
2,900.00	2,826.29	2,888.90	2,824.36	9.80	9.51	-109.58	-72.32	-554.57	280.26	260.57	19.69	14.237	
3,000.00	2,922.86	2,988.43	2,920.93	10.15	9.83	-109.63	-72.87	-578.65	289.94	269.60	20.34	14.257	
3,100.00	3,019.43	3,087.96	3,017.51	10.50	10.16	-109.69	-73.41	-602.72	299.62	278.61	21.01	14.258	
3,200.00	3,116.00	3,187.49	3,114.08	10.87	10.51	-109.74	-73.96	-626.79	309.30	287.59	21.72	14.243	
3,300.00	3,212.57	3,287.02	3,210.65	11.25	10.86	-109.79	-74.51	-650.86	318.99	296.55	22.44	14.215	
3,400.00	3,309.14	3,386.55	3,307.23	11.65	11.23	-109.83	-75.05	-674.93	328.67	305.48	23.18	14.177	
3,500.00	3,405.71	3,486.08	3,403.80	12.04	11.61	-109.87	-75.60	-699.01	338.35	314.41	23.94	14.131	
3,600.00	3,502.28	3,585.61	3,500.37	12.45	11.99	-109.91	-76.15	-723.08	348.03	323.31	24.72	14.079	
3,700.00	3,598.85	3,685.14	3,596.95	12.87	12.38	-109.95	-76.69	-747.15	357.71	332.20	25.51	14.022	
3,800.00	3,695.42	3,784.67	3,693.52	13.29	12.78	-109.99	-77.24	-771.22	367.40	341.08	26.32	13.961	
3,900.00	3,791.99	3,884.20	3,790.09	13.72	13.18	-110.02	-77.78	-795.30	377.08	349.95	27.13	13.898	
4,000.00	3,888.56	3,983.73	3,886.67	14.15	13.59	-110.05	-78.33	-819.37	386.76	358.80	27.96	13.833	
4,100.00	3,985.13	4,083.26	3,983.24	14.59	14.01	-110.08	-78.88	-843.44	396.44	367.65	28.80	13.767	
4,200.00	4,081.70	4,182.79	4,079.81	15.03	14.42	-110.11	-79.42	-867.51	406.13	376.48	29.64	13.700	
4,300.00	4,178.27	4,282.32	4,176.39	15.48	14.85	-110.14	-79.97	-891.58	415.81	385.31	30.50	13.634	
4,400.00	4,274.84	4,381.85	4,272.96	15.93	15.27	-110.17	-80.52	-915.66	425.49	394.13	31.36	13.568	
4,500.00	4,371.41	4,481.38	4,369.54	16.38	15.70	-110.19	-81.06	-939.73	435.18	402.95	32.23	13.502	
4,600.00	4,467.98	4,580.91	4,466.11	16.84	16.14	-110.22	-81.61	-963.80	444.86	411.75	33.11	13.437	
4,700.00	4,564.55	4,680.44	4,562.68	17.30	16.57	-110.24	-82.15	-987.87	454.54	420.55	33.99	13.373	
4,800.00	4,661.12	4,779.97	4,659.26	17.76	17.01	-110.26	-82.70	-1,011.95	464.23	429.35	34.88	13.311	
4,900.00	4,757.69	4,879.50	4,755.83	18.23	17.45	-110.28	-83.25	-1,036.02	473.91	438.14	35.77	13.249	
5,000.00	4,854.26	4,979.03	4,852.40	18.70	17.90	-110.30	-83.79	-1,060.09	483.59	446.93	36.67	13.189	
5,100.00	4,950.83	5,078.56	4,948.98	19.17	18.35	-110.32	-84.34	-1,084.16	493.28	455.71	37.57	13.131	
5,200.00	5,047.40	5,178.09	5,045.55	19.64	18.79	-110.34	-84.89	-1,108.23	502.96	464.49	38.47	13.073	
5,300.00	5,143.97	5,277.62	5,142.12	20.11	19.24	-110.36	-85.43	-1,132.31	512.64	473.26	39.38	13.017	
5,400.00	5,240.54	5,377.15	5,238.70	20.59	19.70	-110.38	-85.98	-1,156.38	522.33	482.03	40.29	12.963	
5,500.00	5,337.11	5,476.68	5,335.27	21.07	20.15	-110.39	-86.52	-1,180.45	532.01	490.80	41.21	12.909	
5,600.00	5,433.68	5,576.21	5,431.84	21.55	20.60	-110.41	-87.07	-1,204.52	541.70	499.57	42.13	12.858	
5,700.00	5,530.25	5,675.74	5,528.42	22.03	21.06	-110.43	-87.62	-1,228.60	551.38	508.33	43.05	12.807	
5,800.00	5,626.82	5,775.27	5,624.99	22.51	21.52	-110.44	-88.16	-1,252.67	561.06	517.09	43.98	12.758	
5,900.00	5,723.39	5,874.80	5,721.56	22.99	21.98	-110.45	-88.71	-1,276.74	570.75	525.84	44.90	12.710	
6,000.00	5,819.96	5,974.33	5,818.14	23.48	22.44	-110.47	-89.26	-1,300.81	580.43	534.60	45.83	12.664	
6,100.00	5,916.53	6,073.86	5,914.71	23.96	22.90	-110.48	-89.80	-1,324.89	590.12	543.35	46.77	12.619	
6,200.00	6,013.10	6,173.39	6,011.28	24.45	23.36	-110.50	-90.35	-1,348.96	599.80	552.10	47.70	12.575	
6,300.00	6,109.67	6,272.92	6,107.86	24.93	23.83	-110.51	-90.89	-1,373.03	609.48	560.85	48.63	12.532	
6,400.00	6,206.31	6,372.21	6,204.27	25.40	24.26	-113.28	-91.44	-1,396.76	619.17	569.65	49.52	12.502	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,304.86	6,470.53	6,301.57	25.61	24.47	-148.25	-92.00	-1,410.17	628.91	578.97	49.93	12.595	
6,600.00	6,404.33	6,568.89	6,399.82	25.73	24.57	130.93	-92.59	-1,408.44	638.52	588.38	50.15	12.733	
6,700.00	6,502.26	6,667.36	6,496.73	25.80	24.63	107.11	-93.19	-1,391.59	647.79	597.50	50.29	12.881	
6,800.00	6,596.25	6,765.99	6,590.04	25.88	24.71	99.38	-93.78	-1,359.94	656.48	606.02	50.46	13.011	
6,900.00	6,683.99	6,864.85	6,677.55	26.01	24.84	95.56	-94.36	-1,314.16	664.37	613.62	50.75	13.090	
7,000.00	6,763.31	6,963.97	6,757.11	26.26	25.10	93.28	-94.91	-1,255.21	671.28	619.99	51.30	13.086	
7,100.00	6,832.26	7,063.39	6,826.76	26.67	25.54	91.80	-95.41	-1,184.43	677.04	624.83	52.21	12.969	
7,200.00	6,889.14	7,163.09	6,884.71	27.31	26.21	90.83	-95.85	-1,103.41	681.50	627.91	53.59	12.718	
7,300.00	6,932.56	7,263.08	6,929.42	28.20	27.14	90.24	-96.23	-1,014.09	684.56	629.06	55.49	12.336	
7,400.00	6,961.43	7,363.32	6,959.66	29.35	28.34	89.95	-96.52	-918.63	686.13	628.21	57.92	11.846	
7,500.00	6,975.06	7,463.79	6,974.58	30.72	29.75	89.94	-96.73	-819.38	686.18	625.42	60.77	11.292	
7,600.00	6,977.71	7,563.97	6,977.49	32.26	31.35	89.97	-96.87	-719.25	685.16	621.19	63.97	10.711	
7,700.00	6,979.94	7,663.96	6,979.63	33.99	33.12	89.96	-97.00	-619.28	684.09	616.58	67.51	10.134	
7,800.00	6,982.17	7,763.96	6,981.78	35.89	35.04	89.95	-97.14	-519.31	683.02	611.65	71.37	9.570	
7,900.00	6,984.40	7,863.95	6,983.93	37.94	37.10	89.95	-97.27	-419.34	681.94	606.44	75.50	9.032	
8,000.00	6,986.62	7,963.94	6,986.08	40.10	39.28	89.94	-97.41	-319.37	680.87	601.01	79.86	8.526	
8,100.00	6,988.85	8,063.94	6,988.23	42.36	41.56	89.93	-97.54	-219.40	679.80	595.39	84.42	8.053	
8,200.00	6,991.08	8,163.93	6,990.37	44.70	43.92	89.93	-97.67	-119.43	678.73	589.60	89.13	7.615	
8,300.00	6,993.31	8,263.93	6,992.52	47.12	46.34	89.92	-97.81	-19.46	677.66	583.67	93.99	7.210	
8,400.00	6,995.54	8,363.92	6,994.67	49.60	48.83	89.91	-97.94	80.51	676.59	577.63	98.96	6.837	
8,500.00	6,997.77	8,463.92	6,996.82	52.13	51.37	89.91	-98.08	180.48	675.52	571.49	104.03	6.493	
8,600.00	6,999.99	8,563.91	6,998.97	54.70	53.95	89.90	-98.21	280.46	674.45	565.26	109.19	6.177	
8,700.00	7,002.22	8,663.90	7,001.12	57.31	56.57	89.89	-98.34	380.43	673.38	558.95	114.43	5.885	
8,800.00	7,004.45	8,763.90	7,003.26	59.96	59.22	89.89	-98.48	480.40	672.31	552.58	119.73	5.615	
8,900.00	7,006.68	8,863.89	7,005.41	62.63	61.90	89.88	-98.61	580.37	671.24	546.15	125.09	5.366	
9,000.00	7,008.91	8,963.89	7,007.56	65.33	64.60	89.87	-98.75	680.34	670.17	539.67	130.49	5.136	
9,100.00	7,011.13	9,063.88	7,009.71	68.06	67.33	89.86	-98.88	780.31	669.10	533.15	135.94	4.922	
9,200.00	7,013.36	9,163.88	7,011.86	70.80	70.08	89.86	-99.02	880.28	668.03	526.59	141.43	4.723	
9,300.00	7,015.59	9,263.87	7,014.01	73.56	72.84	89.85	-99.15	980.25	666.96	520.00	146.96	4.538	
9,400.00	7,017.82	9,363.86	7,016.15	76.33	75.62	89.84	-99.28	1,080.22	665.89	513.38	152.51	4.366	
9,500.00	7,020.05	9,463.86	7,018.30	79.12	78.41	89.84	-99.42	1,180.20	664.82	506.73	158.09	4.205	
9,600.00	7,022.27	9,563.85	7,020.45	81.92	81.21	89.83	-99.55	1,280.17	663.75	500.05	163.70	4.055	
9,700.00	7,024.50	9,663.85	7,022.60	84.74	84.02	89.82	-99.69	1,380.14	662.68	493.35	169.32	3.914	
9,800.00	7,026.73	9,763.84	7,024.75	87.56	86.85	89.81	-99.82	1,480.11	661.61	486.63	174.97	3.781	
9,900.00	7,028.96	9,863.84	7,026.90	90.39	89.68	89.81	-99.95	1,580.08	660.53	479.90	180.64	3.657	
10,000.00	7,031.19	9,963.83	7,029.04	93.23	92.52	89.80	-100.09	1,680.05	659.46	473.15	186.32	3.539	
10,100.00	7,033.42	10,063.82	7,031.19	96.08	95.37	89.79	-100.22	1,780.02	658.39	466.38	192.02	3.429	
10,200.00	7,035.64	10,163.82	7,033.34	98.93	98.23	89.79	-100.36	1,879.99	657.32	459.60	197.73	3.324	
10,300.00	7,037.87	10,263.81	7,035.49	101.80	101.09	89.78	-100.49	1,979.96	656.25	452.80	203.45	3.226	
10,400.00	7,040.10	10,363.81	7,037.64	104.66	103.96	89.77	-100.62	2,079.94	655.18	446.00	209.18	3.132	
10,500.00	7,042.33	10,463.80	7,039.79	107.54	106.83	89.76	-100.76	2,179.91	654.11	439.18	214.93	3.043	
10,600.00	7,044.56	10,563.79	7,041.93	110.41	109.71	89.76	-100.89	2,279.88	653.04	432.36	220.68	2.959	
10,700.00	7,046.78	10,663.79	7,044.08	113.30	112.59	89.75	-101.03	2,379.85	651.97	425.52	226.45	2.879	
10,800.00	7,049.01	10,763.78	7,046.23	116.18	115.47	89.74	-101.16	2,479.82	650.90	418.68	232.22	2.803	
10,900.00	7,051.24	10,863.78	7,048.38	119.07	118.36	89.73	-101.29	2,579.79	649.83	411.83	238.00	2.730	
11,000.00	7,053.47	10,963.77	7,050.53	121.97	121.26	89.73	-101.43	2,679.76	648.76	404.98	243.79	2.661	
11,100.00	7,055.70	11,063.77	7,052.68	124.86	124.15	89.72	-101.56	2,779.73	647.69	398.11	249.58	2.595	
11,200.00	7,057.93	11,163.76	7,054.82	127.76	127.05	89.71	-101.70	2,879.70	646.62	391.24	255.38	2.532	
11,300.00	7,060.15	11,263.75	7,056.97	130.67	129.95	89.70	-101.83	2,979.67	645.55	384.37	261.18	2.472	
11,400.00	7,062.38	11,363.75	7,059.12	133.57	132.86	89.70	-101.96	3,079.65	644.48	377.49	266.99	2.414	
11,500.00	7,064.61	11,463.74	7,061.27	136.48	135.77	89.69	-102.10	3,179.62	643.41	370.60	272.81	2.358	
11,600.00	7,066.84	11,563.74	7,063.42	139.39	138.68	89.68	-102.23	3,279.59	642.34	363.71	278.63	2.305	
11,700.00	7,069.07	11,663.73	7,065.57	142.31	141.59	89.67	-102.37	3,379.56	641.27	356.81	284.46	2.254	
11,800.00	7,071.29	11,763.73	7,067.71	145.22	144.50	89.67	-102.50	3,479.53	640.20	349.91	290.28	2.205	
11,900.00	7,073.52	11,863.72	7,069.86	148.14	147.42	89.66	-102.63	3,579.50	639.13	343.01	296.12	2.158	
12,000.00	7,075.75	11,963.71	7,072.01	151.06	150.34	89.65	-102.77	3,679.47	638.06	336.10	301.95	2.113	
12,100.00	7,077.98	12,063.71	7,074.16	153.98	153.26	89.64	-102.90	3,779.44	636.99	329.19	307.79	2.070	
12,200.00	7,080.21	12,163.70	7,076.31	156.90	156.18	89.63	-103.04	3,879.41	635.92	322.28	313.64	2.028	
12,300.00	7,082.43	12,263.70	7,078.46	159.83	159.10	89.63	-103.17	3,979.39	634.85	315.36	319.48	1.987	
12,400.00	7,084.66	12,363.69	7,080.60	162.75	162.03	89.62	-103.31	4,079.36	633.78	308.44	325.33	1.948	
12,500.00	7,086.89	12,463.69	7,082.75	165.68	164.95	89.61	-103.44	4,179.33	632.71	301.52	331.19	1.910	
12,600.00	7,089.12	12,563.68	7,084.90	168.61	167.88	89.60	-103.57	4,279.30	631.64	294.60	337.04	1.874	
12,700.00	7,091.35	12,663.67	7,087.05	171.54	170.81	89.60	-103.71	4,379.27	630.57	287.67	342.90	1.839	
12,800.00	7,093.58	12,763.67	7,089.20	174.47	173.74	89.59	-103.84	4,479.24	629.50	280.74	348.76	1.805	
12,900.00	7,095.80	12,863.66	7,091.35	177.40	176.67	89.58	-103.98	4,579.21	628.43	273.81	354.62	1.772	
13,000.00	7,098.03	12,963.66	7,093.49	180.34	179.60	89.57	-104.11	4,679.18	627.36	266.87	360.48	1.740	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,100.26	13,063.65	7,095.64	183.27	182.53	89.56	-104.24	4,779.15	626.29	259.94	366.35	1.710	
13,200.00	7,102.49	13,163.65	7,097.79	186.21	185.46	89.56	-104.38	4,879.12	625.22	253.00	372.22	1.680	
13,300.00	7,104.72	13,263.64	7,099.94	189.14	188.40	89.55	-104.51	4,979.10	624.15	246.06	378.09	1.651	
13,400.00	7,106.94	13,363.63	7,102.09	192.08	191.33	89.54	-104.65	5,079.07	623.08	239.12	383.96	1.623	
13,500.00	7,109.17	13,463.63	7,104.24	195.02	194.27	89.53	-104.78	5,179.04	622.01	232.17	389.83	1.596	
13,600.00	7,111.40	13,563.62	7,106.38	197.96	197.21	89.52	-104.91	5,279.01	620.94	225.23	395.71	1.569	
13,700.00	7,113.63	13,663.62	7,108.53	200.90	200.14	89.52	-105.05	5,378.98	619.87	218.28	401.58	1.544	
13,800.00	7,115.86	13,763.61	7,110.68	203.84	203.08	89.51	-105.18	5,478.95	618.80	211.34	407.46	1.519	
13,900.00	7,118.09	13,863.60	7,112.83	206.78	206.02	89.50	-105.32	5,578.92	617.73	204.39	413.34	1.494	Level 3
14,000.00	7,120.31	13,963.60	7,114.98	209.72	208.96	89.49	-105.45	5,678.89	616.66	197.44	419.22	1.471	Level 3
14,100.00	7,122.54	14,063.59	7,117.13	212.67	211.90	89.48	-105.58	5,778.86	615.59	190.48	425.10	1.448	Level 3
14,200.00	7,124.77	14,163.59	7,119.27	215.61	214.84	89.47	-105.72	5,878.84	614.52	183.53	430.99	1.426	Level 3
14,300.00	7,127.00	14,263.58	7,121.42	218.55	217.78	89.47	-105.85	5,978.81	613.45	176.58	436.87	1.404	Level 3
14,400.00	7,129.23	14,363.58	7,123.57	221.50	220.73	89.46	-105.99	6,078.78	612.38	169.62	442.76	1.383	Level 3
14,500.00	7,131.45	14,463.57	7,125.72	224.44	223.67	89.45	-106.12	6,178.75	611.31	162.67	448.64	1.363	Level 3
14,600.00	7,133.68	14,563.56	7,127.87	227.39	226.61	89.44	-106.25	6,278.72	610.24	155.71	454.53	1.343	Level 3
14,700.00	7,135.91	14,663.56	7,130.01	230.33	229.56	89.43	-106.39	6,378.69	609.17	148.75	460.42	1.323	Level 3
14,800.00	7,138.14	14,763.55	7,132.16	233.28	232.50	89.42	-106.52	6,478.66	608.10	141.79	466.31	1.304	Level 3
14,900.00	7,140.37	14,863.55	7,134.31	236.23	235.45	89.41	-106.66	6,578.63	607.03	134.83	472.20	1.286	Level 3
15,000.00	7,142.59	14,963.54	7,136.46	239.18	238.39	89.41	-106.79	6,678.60	605.96	127.87	478.09	1.267	Level 3
15,100.00	7,144.82	15,063.54	7,138.61	242.12	241.34	89.40	-106.93	6,778.58	604.89	120.91	483.98	1.250	Level 2
15,200.00	7,147.05	15,163.53	7,140.76	245.07	244.28	89.39	-107.06	6,878.55	603.82	113.94	489.88	1.233	Level 2
15,300.00	7,149.28	15,263.52	7,142.90	248.02	247.23	89.38	-107.19	6,978.52	602.75	106.98	495.77	1.216	Level 2
15,400.00	7,151.51	15,363.52	7,145.05	250.97	250.18	89.37	-107.33	7,078.49	601.68	100.02	501.66	1.199	Level 2
15,500.00	7,153.74	15,463.51	7,147.20	253.92	253.12	89.36	-107.46	7,178.46	600.61	93.05	507.56	1.183	Level 2
15,600.00	7,155.96	15,563.51	7,149.35	256.87	256.07	89.35	-107.60	7,278.43	599.54	86.09	513.45	1.168	Level 2
15,700.00	7,158.19	15,663.50	7,151.50	259.82	259.02	89.35	-107.73	7,378.40	598.47	79.12	519.35	1.152	Level 2
15,800.00	7,160.42	15,763.50	7,153.65	262.77	261.97	89.34	-107.86	7,478.37	597.40	72.15	525.25	1.137	Level 2
15,900.00	7,162.65	15,863.49	7,155.79	265.72	264.92	89.33	-108.00	7,578.34	596.33	65.19	531.15	1.123	Level 2
16,000.00	7,164.88	15,963.48	7,157.94	268.67	267.86	89.32	-108.13	7,678.31	595.26	58.22	537.04	1.108	Level 2
16,100.00	7,167.10	16,063.48	7,160.09	271.63	270.81	89.31	-108.27	7,778.29	594.19	51.25	542.94	1.094	Level 2
16,200.00	7,169.33	16,163.47	7,162.24	274.58	273.76	89.30	-108.40	7,878.26	593.12	44.28	548.84	1.081	Level 2
16,300.00	7,171.56	16,263.47	7,164.39	277.53	276.71	89.29	-108.53	7,978.23	592.05	37.31	554.74	1.067	Level 2
16,400.00	7,173.79	16,363.46	7,166.54	280.48	279.66	89.28	-108.67	8,078.20	590.98	30.34	560.64	1.054	Level 2
16,500.00	7,176.02	16,463.45	7,168.68	283.44	282.61	89.27	-108.80	8,178.17	589.91	23.37	566.54	1.041	Level 2
16,600.00	7,178.24	16,563.45	7,170.83	286.39	285.56	89.26	-108.94	8,278.14	588.84	16.40	572.45	1.029	Level 2
16,700.00	7,180.47	16,663.44	7,172.98	289.34	288.51	89.26	-109.07	8,378.11	587.78	9.43	578.35	1.016	Level 2
16,800.00	7,182.70	16,763.44	7,175.13	292.30	291.47	89.25	-109.20	8,478.08	586.71	2.46	584.25	1.004	Level 2
16,900.00	7,184.93	16,863.43	7,177.28	295.25	294.42	89.24	-109.34	8,578.05	585.64	-4.52	590.15	0.992	Level 1
17,000.00	7,187.16	16,963.43	7,179.43	298.20	297.37	89.23	-109.47	8,678.03	584.57	-11.49	596.06	0.981	Level 1
17,100.00	7,189.39	17,063.42	7,181.57	301.16	300.32	89.22	-109.61	8,778.00	583.50	-18.46	601.96	0.969	Level 1
17,200.00	7,191.61	17,163.41	7,183.72	304.11	303.27	89.21	-109.74	8,877.97	582.43	-25.44	607.86	0.958	Level 1
17,300.00	7,193.84	17,263.41	7,185.87	307.07	306.22	89.20	-109.87	8,977.94	581.36	-32.41	613.77	0.947	Level 1
17,400.00	7,196.07	17,363.40	7,188.02	310.02	309.18	89.19	-110.01	9,077.91	580.29	-39.38	619.67	0.936	Level 1
17,486.62	7,198.00	17,450.02	7,189.88	312.58	311.73	89.18	-110.13	9,164.51	579.36	-45.43	624.79	0.927	Level 1, ES, SF

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	0.00	0.00	3.28	3.28	-179.20	-20.04	-0.28	20.04				
100.00	100.00	100.00	100.00	3.28	3.28	-179.20	-20.04	-0.28	20.04	12.52	7.53	2.663	
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-20.04	-0.28	20.04	12.47	7.57	2.648	CC
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-20.04	-0.28	20.04	12.47	7.57	2.648	
300.00	300.00	300.08	300.08	3.34	3.34	-109.76	-19.93	-0.70	20.09	12.44	7.65	2.625	
400.00	399.93	400.24	400.17	3.41	3.41	-109.43	-19.07	-4.10	20.46	12.69	7.78	2.631	
500.00	499.68	500.40	500.08	3.50	3.50	-108.79	-17.36	-10.88	21.21	13.26	7.95	2.669	
600.00	599.13	600.55	599.68	3.61	3.61	-107.93	-14.79	-21.04	22.33	14.16	8.17	2.732	
700.00	698.15	700.69	698.84	3.75	3.75	-106.89	-11.36	-34.58	23.83	15.37	8.46	2.817	
800.00	796.63	800.83	797.44	3.93	3.93	-105.77	-7.09	-51.46	25.72	16.89	8.82	2.914	
900.00	894.44	900.94	895.36	4.16	4.16	-104.63	-1.98	-71.67	27.98	18.70	9.28	3.016	
1,000.00	991.46	1,001.00	992.48	4.44	4.44	-103.92	3.91	-94.95	30.66	20.83	9.83	3.118	
1,100.00	1,088.03	1,100.95	1,089.34	4.76	4.75	-105.20	9.97	-118.88	33.69	23.22	10.46	3.220	
1,200.00	1,184.60	1,200.90	1,186.19	5.11	5.10	-106.27	16.03	-142.82	36.73	25.58	11.15	3.294	
1,300.00	1,281.17	1,300.85	1,283.04	5.49	5.46	-107.17	22.08	-166.75	39.79	27.90	11.88	3.348	
1,400.00	1,377.74	1,400.80	1,379.90	5.89	5.85	-107.95	28.14	-190.68	42.85	30.20	12.65	3.387	
1,500.00	1,474.31	1,500.75	1,476.75	6.31	6.25	-108.62	34.20	-214.62	45.93	32.47	13.45	3.414	
1,600.00	1,570.88	1,600.71	1,573.61	6.73	6.66	-109.21	40.25	-238.55	49.00	34.73	14.27	3.433	
1,700.00	1,667.45	1,700.66	1,670.46	7.17	7.08	-109.72	46.31	-262.48	52.09	36.97	15.11	3.447	
1,800.00	1,764.02	1,800.61	1,767.32	7.42	7.32	-110.18	52.36	-286.42	55.17	39.97	15.20	3.630	
1,900.00	1,860.59	1,900.56	1,864.17	7.50	7.39	-110.59	58.42	-310.35	58.26	42.93	15.33	3.801	
2,000.00	1,957.16	2,000.51	1,961.03	7.60	7.49	-110.96	64.48	-334.28	61.35	45.83	15.52	3.952	
2,100.00	2,053.73	2,100.46	2,057.88	7.75	7.63	-111.30	70.53	-358.22	64.44	48.67	15.78	4.084	
2,200.00	2,150.30	2,200.41	2,154.74	7.92	7.79	-111.60	76.59	-382.15	67.54	51.45	16.09	4.197	
2,300.00	2,246.87	2,300.37	2,251.59	8.12	7.98	-111.88	82.64	-406.09	70.64	54.18	16.46	4.292	
2,400.00	2,343.44	2,400.32	2,348.44	8.34	8.19	-112.13	88.70	-430.02	73.74	56.86	16.88	4.369	
2,500.00	2,440.01	2,500.27	2,445.30	8.60	8.43	-112.37	94.76	-453.95	76.84	59.50	17.34	4.431	
2,600.00	2,536.58	2,600.22	2,542.15	8.87	8.69	-112.58	100.81	-477.89	79.94	62.09	17.85	4.479	
2,700.00	2,633.15	2,700.17	2,639.01	9.16	8.97	-112.78	106.87	-501.82	83.04	64.65	18.39	4.515	
2,800.00	2,729.72	2,800.12	2,735.86	9.47	9.27	-112.97	112.93	-525.75	86.14	67.17	18.97	4.540	
2,900.00	2,826.29	2,900.07	2,832.72	9.80	9.58	-113.14	118.98	-549.69	89.25	69.66	19.59	4.556	
3,000.00	2,922.86	3,000.03	2,929.57	10.15	9.90	-113.30	125.04	-573.62	92.35	72.12	20.23	4.565	
3,100.00	3,019.43	3,100.02	3,026.43	10.50	10.25	-113.45	131.09	-597.55	95.46	74.56	20.90	4.568	
3,200.00	3,116.00	3,200.07	3,123.28	10.87	10.60	-113.59	137.15	-621.49	98.56	76.97	21.59	4.565	
3,300.00	3,212.57	3,300.12	3,220.14	11.25	10.96	-113.72	143.21	-645.42	101.67	79.37	22.30	4.559	
3,400.00	3,309.14	3,400.17	3,316.99	11.65	11.34	-113.84	149.26	-669.36	104.78	81.74	23.04	4.548	
3,500.00	3,405.71	3,500.22	3,413.84	12.04	11.72	-113.96	155.32	-693.29	107.89	84.10	23.79	4.536	
3,600.00	3,502.28	3,600.27	3,510.70	12.45	12.11	-114.07	161.37	-717.22	110.99	86.44	24.55	4.521	
3,700.00	3,598.85	3,700.31	3,607.55	12.87	12.50	-114.18	167.43	-741.16	114.10	88.77	25.33	4.504	
3,800.00	3,695.42	3,800.36	3,704.41	13.29	12.91	-114.27	173.49	-765.09	117.21	91.09	26.13	4.486	
3,900.00	3,791.99	3,900.41	3,801.26	13.72	13.32	-114.37	179.54	-789.02	120.32	93.39	26.93	4.468	
4,000.00	3,888.56	3,999.54	3,898.12	14.15	13.73	-114.46	185.60	-812.96	123.43	95.69	27.74	4.449	
4,100.00	3,985.13	4,100.51	3,994.97	14.59	14.15	-114.54	191.65	-836.89	126.54	97.97	28.57	4.429	
4,200.00	4,081.70	4,199.44	4,091.83	15.03	14.57	-114.62	197.71	-860.82	129.65	100.25	29.40	4.409	
4,300.00	4,178.27	4,300.61	4,188.68	15.48	15.01	-114.70	203.77	-884.76	132.76	102.51	30.25	4.389	
4,400.00	4,274.84	4,399.35	4,285.54	15.93	15.44	-114.77	209.82	-908.69	135.87	104.78	31.10	4.370	
4,500.00	4,371.41	4,500.70	4,382.39	16.38	15.88	-114.84	215.88	-932.62	138.98	107.02	31.96	4.349	
4,600.00	4,467.98	4,599.25	4,479.24	16.84	16.31	-114.91	221.94	-956.56	142.09	109.28	32.81	4.330	
4,700.00	4,564.55	4,700.80	4,576.10	17.30	16.76	-114.97	227.99	-980.49	145.20	111.51	33.69	4.310	
4,800.00	4,661.12	4,800.85	4,672.95	17.76	17.20	-115.04	234.05	-1,004.43	148.32	113.75	34.57	4.291	
4,900.00	4,757.69	4,900.90	4,769.81	18.23	17.65	-115.09	240.10	-1,028.36	151.43	115.98	35.44	4.272	
5,000.00	4,854.26	5,000.95	4,866.66	18.70	18.10	-115.15	246.16	-1,052.29	154.54	118.21	36.33	4.254	
5,100.00	4,950.83	5,100.99	4,963.52	19.17	18.56	-115.20	252.22	-1,076.23	157.65	120.43	37.22	4.236	
5,200.00	5,047.40	5,201.04	5,060.37	19.64	19.01	-115.26	258.27	-1,100.16	160.76	122.65	38.11	4.218	
5,300.00	5,143.97	5,301.09	5,157.23	20.11	19.47	-115.31	264.33	-1,124.09	163.87	124.87	39.01	4.201	
5,400.00	5,240.54	5,401.14	5,254.08	20.59	19.92	-115.36	270.38	-1,148.03	166.99	127.08	39.90	4.185	
5,500.00	5,337.11	5,501.19	5,350.94	21.07	20.38	-115.40	276.44	-1,171.96	170.10	129.29	40.81	4.168	
5,600.00	5,433.68	5,601.24	5,447.79	21.55	20.84	-115.45	282.50	-1,195.89	173.21	131.50	41.71	4.153	
5,700.00	5,530.25	5,701.28	5,544.64	22.03	21.31	-115.49	288.55	-1,219.83	176.32	133.70	42.62	4.137	
5,800.00	5,626.82	5,801.33	5,641.50	22.51	21.77	-115.53	294.61	-1,243.76	179.44	135.91	43.53	4.122	
5,900.00	5,723.39	5,901.38	5,738.35	22.99	22.24	-115.57	300.67	-1,267.69	182.55	138.10	44.44	4.107	
6,000.00	5,819.96	6,001.43	5,835.21	23.48	22.70	-115.61	306.72	-1,291.63	185.66	140.30	45.36	4.093	
6,100.00	5,916.53	6,101.48	5,932.06	23.96	23.17	-115.65	312.78	-1,315.56	188.78	142.50	46.28	4.079	
6,200.00	6,013.10	6,198.47	6,028.92	24.45	23.62	-115.69	318.83	-1,339.50	191.89	144.70	47.18	4.067	
6,300.00	6,109.67	6,301.58	6,125.77	24.93	24.11	-115.72	324.89	-1,363.43	195.00	146.88	48.12	4.052	
6,400.00	6,206.31	6,401.63	6,222.62	25.40	24.58	-118.30	330.95	-1,387.36	198.09	149.05	49.03	4.040	

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1		Offset Site Error:		0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
6,500.00	6,304.86	6,496.37	6,318.13	25.61	24.90	-150.37	336.83	-1,408.31	200.66	150.78	49.87	4.023				
6,600.00	6,404.33	6,594.22	6,415.44	25.73	25.06	132.04	342.39	-1,415.65	203.80	153.32	50.48	4.038				
6,700.00	6,502.26	6,693.51	6,514.19	25.80	25.14	111.34	347.54	-1,407.76	207.62	156.70	50.91	4.078				
6,800.00	6,596.25	6,794.34	6,612.00	25.88	25.21	106.56	352.14	-1,384.13	212.01	160.76	51.25	4.137				
6,900.00	6,683.99	6,896.77	6,706.30	26.01	25.31	105.41	356.04	-1,344.64	216.82	165.26	51.56	4.205				
7,000.00	6,763.31	7,000.80	6,794.39	26.26	25.50	105.47	359.11	-1,289.59	221.86	169.90	51.96	4.270				
7,100.00	6,832.26	7,106.41	6,873.46	26.67	25.87	105.97	361.23	-1,219.80	226.91	174.33	52.59	4.315				
7,200.00	6,889.14	7,213.49	6,940.80	27.31	26.47	106.58	362.27	-1,136.71	231.75	178.16	53.59	4.325				
7,300.00	6,932.56	7,321.90	6,993.85	28.20	27.38	107.14	362.18	-1,042.32	236.14	181.05	55.09	4.287				
7,400.00	6,961.43	7,431.40	7,030.46	29.35	28.60	107.58	360.92	-939.27	239.89	182.75	57.14	4.198				
7,500.00	6,975.06	7,541.72	7,048.97	30.72	30.11	107.85	358.48	-830.68	242.82	183.10	59.73	4.066				
7,600.00	6,977.71	7,645.49	7,052.36	32.26	31.74	107.79	355.38	-727.03	244.73	181.93	62.79	3.897				
7,700.00	6,979.94	7,745.47	7,054.46	33.99	33.48	107.63	352.33	-627.12	246.45	180.24	66.21	3.722				
7,800.00	6,982.17	7,845.46	7,056.56	35.89	35.39	107.47	349.27	-527.20	248.18	178.24	69.93	3.549				
7,900.00	6,984.40	7,945.44	7,058.66	37.94	37.43	107.32	346.22	-427.29	249.90	175.98	73.92	3.381				
8,000.00	6,986.62	8,045.42	7,060.76	40.10	39.60	107.17	343.17	-327.37	251.63	173.50	78.13	3.221				
8,100.00	6,988.85	8,145.40	7,062.87	42.36	41.86	107.02	340.11	-227.46	253.37	170.83	82.53	3.070				
8,200.00	6,991.08	8,245.39	7,064.97	44.70	44.21	106.87	337.06	-127.55	255.10	168.00	87.10	2.929				
8,300.00	6,993.31	8,345.37	7,067.07	47.12	46.64	106.72	334.01	-27.63	256.83	165.03	91.80	2.798				
8,400.00	6,995.54	8,445.35	7,069.17	49.60	49.12	106.58	330.95	72.28	258.57	161.95	96.62	2.676				
8,500.00	6,997.77	8,545.34	7,071.27	52.13	51.65	106.43	327.90	172.20	260.31	158.76	101.55	2.563				
8,600.00	6,999.99	8,645.32	7,073.38	54.70	54.23	106.29	324.84	272.11	262.05	155.48	106.56	2.459				
8,700.00	7,002.22	8,745.30	7,075.48	57.31	56.85	106.15	321.79	372.02	263.79	152.13	111.66	2.362				
8,800.00	7,004.45	8,845.28	7,077.58	59.96	59.50	106.02	318.74	471.94	265.53	148.71	116.82	2.273				
8,900.00	7,006.68	8,945.27	7,079.68	62.63	62.17	105.88	315.68	571.85	267.28	145.23	122.05	2.190				
9,000.00	7,008.91	9,045.25	7,081.79	65.33	64.88	105.75	312.63	671.77	269.02	141.69	127.33	2.113				
9,100.00	7,011.13	9,145.23	7,083.89	68.06	67.61	105.62	309.58	771.68	270.77	138.11	132.66	2.041				
9,200.00	7,013.36	9,245.22	7,085.99	70.80	70.35	105.49	306.52	871.60	272.52	134.49	138.03	1.974				
9,300.00	7,015.59	9,345.20	7,088.09	73.56	73.12	105.36	303.47	971.51	274.27	130.83	143.44	1.912				
9,400.00	7,017.82	9,445.18	7,090.19	76.33	75.90	105.23	300.41	1,071.42	276.02	127.14	148.88	1.854				
9,500.00	7,020.05	9,545.16	7,092.30	79.12	78.69	105.11	297.36	1,171.34	277.77	123.42	154.36	1.800				
9,600.00	7,022.27	9,645.15	7,094.40	81.92	81.50	104.98	294.31	1,271.25	279.53	119.66	159.86	1.749				
9,700.00	7,024.50	9,745.13	7,096.50	84.74	84.31	104.86	291.25	1,371.17	281.28	115.89	165.39	1.701				
9,800.00	7,026.73	9,845.11	7,098.60	87.56	87.14	104.74	288.20	1,471.08	283.04	112.09	170.95	1.656				
9,900.00	7,028.96	9,945.10	7,100.71	90.39	89.98	104.62	285.15	1,570.99	284.80	108.27	176.52	1.613				
10,000.00	7,031.19	10,045.08	7,102.81	93.23	92.82	104.50	282.09	1,670.91	286.55	104.44	182.12	1.573				
10,100.00	7,033.42	10,145.06	7,104.91	96.08	95.68	104.39	279.04	1,770.82	288.31	100.58	187.73	1.536				
10,200.00	7,035.64	10,245.04	7,107.01	98.93	98.54	104.27	275.98	1,870.74	290.08	96.71	193.37	1.500				
10,300.00	7,037.87	10,345.03	7,109.11	101.80	101.40	104.16	272.93	1,970.65	291.84	92.82	199.02	1.466	Level 3			
10,400.00	7,040.10	10,445.01	7,111.22	104.66	104.27	104.05	269.88	2,070.56	293.60	88.92	204.68	1.434	Level 3			
10,500.00	7,042.33	10,544.99	7,113.32	107.54	107.15	103.94	266.82	2,170.48	295.37	85.01	210.36	1.404	Level 3			
10,600.00	7,044.56	10,644.97	7,115.42	110.41	110.03	103.83	263.77	2,270.39	297.13	81.09	216.05	1.375	Level 3			
10,700.00	7,046.78	10,744.96	7,117.52	113.30	112.92	103.72	260.72	2,370.31	298.90	77.15	221.75	1.348	Level 3			
10,800.00	7,049.01	10,844.94	7,119.63	116.18	115.81	103.61	257.66	2,470.22	300.67	73.21	227.46	1.322	Level 3			
10,900.00	7,051.24	10,944.92	7,121.73	119.07	118.71	103.51	254.61	2,570.13	302.44	69.25	233.19	1.297	Level 3			
11,000.00	7,053.47	11,044.91	7,123.83	121.97	121.61	103.40	251.55	2,670.05	304.21	65.29	238.92	1.273	Level 3			
11,100.00	7,055.70	11,144.89	7,125.93	124.86	124.51	103.30	248.50	2,769.96	305.98	61.31	244.66	1.251	Level 3			
11,200.00	7,057.93	11,244.87	7,128.03	127.76	127.41	103.20	245.45	2,869.88	307.75	57.33	250.42	1.229	Level 2			
11,300.00	7,060.15	11,344.85	7,130.14	130.67	130.32	103.10	242.39	2,969.79	309.52	53.34	256.18	1.208	Level 2			
11,400.00	7,062.38	11,444.84	7,132.24	133.57	133.23	103.00	239.34	3,069.70	311.30	49.35	261.95	1.188	Level 2			
11,500.00	7,064.61	11,544.82	7,134.34	136.48	136.14	102.90	236.29	3,169.62	313.07	45.35	267.72	1.169	Level 2			
11,600.00	7,066.84	11,644.80	7,136.44	139.39	139.06	102.80	233.23	3,269.53	314.85	41.34	273.51	1.151	Level 2			
11,700.00	7,069.07	11,744.79	7,138.55	142.31	141.98	102.70	230.18	3,369.45	316.62	37.33	279.30	1.134	Level 2			
11,800.00	7,071.29	11,844.77	7,140.65	145.22	144.90	102.61	227.12	3,469.36	318.40	33.31	285.09	1.117	Level 2			
11,900.00	7,073.52	11,944.75	7,142.75	148.14	147.82	102.52	224.07	3,569.27	320.18	29.28	290.90	1.101	Level 2			
12,000.00	7,075.75	12,044.73	7,144.85	151.06	150.74	102.42	221.02	3,669.19	321.96	25.25	296.70	1.085	Level 2			
12,100.00	7,077.98	12,144.72	7,146.95	153.98	153.67	102.33	217.96	3,769.10	323.74	21.22	302.52	1.070	Level 2			
12,200.00	7,080.21	12,244.70	7,149.06	156.90	156.60	102.24	214.91	3,869.02	325.52	17.18	308.34	1.056	Level 2			
12,300.00	7,082.43	12,344.68	7,151.16	159.83	159.53	102.15	211.86	3,968.93	327.30	13.14	314.16	1.042	Level 2			
12,400.00	7,084.66	12,444.67	7,153.26	162.75	162.46	102.06	208.80	4,068.84	329.08	9.09	319.99	1.028	Level 2			
12,500.00	7,086.89	12,544.65	7,155.36	165.68	165.39	101.97	205.75	4,168.76	330.87	5.04	325.83	1.015	Level 2			
12,600.00	7,089.12	12,644.63	7,157.47	168.61	168.32	101.88	202.69	4,268.67	332.65	0.99	331.66	1.003	Level 2			
12,700.00	7,091.35	12,744.61	7,159.57	171.54	171.26	101.80	199.64	4,368.59	334.44	-3.07	337.51	0.991	Level 1			
12,800.00	7,093.58	12,844.60	7,161.67	174.47	174.19	101.71	196.59	4,468.50	336.22	-7.13	343.35	0.979	Level 1			
12,900.00	7,095.80	12,944.58	7,163.77	177.40	177.13	101.63	19									

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,100.26	13,144.55	7,167.98	183.27	183.01	101.46	187.43	4,768.24	341.58	-19.33	360.91	0.946	Level 1
13,200.00	7,102.49	13,244.53	7,170.08	186.21	185.95	101.38	184.37	4,868.16	343.37	-23.40	366.77	0.936	Level 1
13,300.00	7,104.72	13,344.51	7,172.18	189.14	188.89	101.30	181.32	4,968.07	345.16	-27.48	372.64	0.926	Level 1
13,400.00	7,106.94	13,444.49	7,174.28	192.08	191.83	101.22	178.26	5,067.99	346.95	-31.56	378.51	0.917	Level 1
13,500.00	7,109.17	13,544.48	7,176.38	195.02	194.77	101.14	175.21	5,167.90	348.74	-35.64	384.38	0.907	Level 1
13,600.00	7,111.40	13,644.46	7,178.49	197.96	197.72	101.06	172.16	5,267.81	350.53	-39.72	390.25	0.898	Level 1
13,700.00	7,113.63	13,748.29	7,180.67	200.90	200.77	100.99	169.16	5,371.57	352.17	-44.09	396.26	0.889	Level 1
13,800.00	7,115.86	13,861.98	7,183.07	203.84	204.09	101.01	169.21	5,485.23	350.92	-51.21	402.13	0.873	Level 1
13,900.00	7,118.09	13,971.04	7,185.37	206.78	207.27	101.16	173.31	5,594.18	345.99	-61.45	407.44	0.849	Level 1
14,000.00	7,120.31	14,070.86	7,187.48	209.72	210.17	101.33	178.01	5,693.88	340.18	-72.81	412.99	0.824	Level 1
14,100.00	7,122.54	14,170.69	7,189.59	212.67	213.08	101.52	182.71	5,793.57	334.37	-84.15	418.51	0.799	Level 1
14,200.00	7,124.77	14,270.51	7,191.70	215.61	215.99	101.70	187.40	5,893.26	328.56	-95.47	424.03	0.775	Level 1
14,300.00	7,127.00	14,370.34	7,193.81	218.55	218.90	101.90	192.10	5,992.95	322.75	-106.77	429.52	0.751	Level 1
14,400.00	7,129.23	14,470.16	7,195.92	221.50	221.82	102.10	196.79	6,092.65	316.95	-118.04	434.99	0.729	Level 1
14,500.00	7,131.45	14,569.99	7,198.03	224.44	224.73	102.30	201.49	6,192.34	311.15	-129.29	440.44	0.706	Level 1
14,600.00	7,133.68	14,669.81	7,200.14	227.39	227.64	102.52	206.18	6,292.03	305.36	-140.51	445.87	0.685	Level 1
14,700.00	7,135.91	14,769.64	7,202.26	230.33	230.56	102.74	210.88	6,391.72	299.57	-151.70	451.27	0.664	Level 1
14,800.00	7,138.14	14,869.46	7,204.37	233.28	233.47	102.98	215.58	6,491.42	293.79	-162.85	456.64	0.643	Level 1
14,900.00	7,140.37	14,969.29	7,206.48	236.23	236.39	103.22	220.27	6,591.11	288.01	-173.97	461.98	0.623	Level 1
15,000.00	7,142.59	15,069.11	7,208.59	239.18	239.30	103.47	224.97	6,690.80	282.23	-185.05	467.29	0.604	Level 1
15,100.00	7,144.82	15,168.94	7,210.70	242.12	242.22	103.74	229.66	6,790.49	276.47	-196.10	472.56	0.585	Level 1
15,200.00	7,147.05	15,268.77	7,212.81	245.07	245.14	104.01	234.36	6,890.19	270.71	-207.09	477.80	0.567	Level 1
15,300.00	7,149.28	15,368.59	7,214.92	248.02	248.06	104.30	239.05	6,989.88	264.95	-218.03	482.98	0.549	Level 1
15,400.00	7,151.51	15,468.42	7,217.03	250.97	250.98	104.59	243.75	7,089.57	259.20	-228.93	488.13	0.531	Level 1
15,500.00	7,153.74	15,568.24	7,219.14	253.92	253.89	104.91	248.45	7,189.26	253.46	-239.76	493.22	0.514	Level 1
15,600.00	7,155.96	15,668.07	7,221.25	256.87	256.81	105.23	253.14	7,288.96	247.73	-250.53	498.25	0.497	Level 1
15,700.00	7,158.19	15,767.89	7,223.36	259.82	259.73	105.58	257.84	7,388.65	242.00	-261.22	503.23	0.481	Level 1
15,800.00	7,160.42	15,867.72	7,225.47	262.77	262.65	105.93	262.53	7,488.34	236.29	-271.84	508.13	0.465	Level 1
15,900.00	7,162.65	15,967.54	7,227.58	265.72	265.58	106.31	267.23	7,588.03	230.58	-282.38	512.96	0.450	Level 1
16,000.00	7,164.88	16,067.37	7,229.69	268.67	268.50	106.71	271.92	7,687.73	224.89	-292.82	517.71	0.434	Level 1
16,100.00	7,167.10	16,167.19	7,231.80	271.63	271.42	107.12	276.62	7,787.42	219.20	-303.16	522.36	0.420	Level 1
16,200.00	7,169.33	16,267.02	7,233.91	274.58	274.34	107.56	281.32	7,887.11	213.53	-313.38	526.91	0.405	Level 1
16,300.00	7,171.56	16,366.84	7,236.02	277.53	277.26	108.02	286.01	7,986.80	207.87	-323.48	531.35	0.391	Level 1
16,400.00	7,173.79	16,466.67	7,238.13	280.48	280.19	108.51	290.71	8,086.50	202.22	-333.44	535.67	0.378	Level 1
16,500.00	7,176.02	16,566.49	7,240.24	283.44	283.11	109.03	295.40	8,186.19	196.60	-343.24	539.84	0.364	Level 1
16,600.00	7,178.24	16,666.32	7,242.35	286.39	286.03	109.57	300.10	8,285.88	190.98	-352.87	543.85	0.351	Level 1
16,700.00	7,180.47	16,766.14	7,244.46	289.34	288.96	110.15	304.80	8,385.57	185.39	-362.30	547.69	0.338	Level 1
16,800.00	7,182.70	16,865.97	7,246.57	292.30	291.88	110.77	309.49	8,485.27	179.81	-371.51	551.33	0.326	Level 1
16,900.00	7,184.93	16,965.80	7,248.68	295.25	294.81	111.42	314.19	8,584.96	174.26	-380.48	554.74	0.314	Level 1
17,000.00	7,187.16	17,065.62	7,250.79	298.20	297.73	112.12	318.88	8,684.65	168.73	-389.17	557.90	0.302	Level 1
17,100.00	7,189.39	17,165.45	7,252.90	301.16	300.66	112.87	323.58	8,784.34	163.23	-397.54	560.78	0.291	Level 1
17,200.00	7,191.61	17,265.27	7,255.01	304.11	303.59	113.66	328.27	8,884.04	157.76	-405.56	563.32	0.280	Level 1
17,300.00	7,193.84	17,365.10	7,257.12	307.07	306.51	114.52	332.97	8,983.73	152.32	-413.17	565.49	0.269	Level 1
17,400.00	7,196.07	17,464.92	7,259.23	310.02	309.44	115.43	337.67	9,083.42	146.92	-420.32	567.24	0.259	Level 1
17,486.62	7,198.00	17,551.39	7,261.06	312.58	311.97	116.28	341.73	9,169.78	142.27	-426.08	568.35	0.250	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	3.00	-3.00	3.28	3.28	84.11	18.58	180.15	181.10				
100.00	100.00	103.00	97.00	3.28	3.28	84.11	18.58	180.15	181.10	173.58	7.53	24.059	
200.00	200.00	203.00	197.00	3.30	3.30	84.11	18.58	180.15	181.10	173.53	7.57	23.925	CC
200.03	200.03	202.97	197.03	3.30	3.30	84.11	18.58	180.15	181.10	173.53	7.57	23.925	
300.00	300.00	298.80	298.80	3.34	3.34	153.47	18.89	179.87	181.26	173.61	7.65	23.685	
400.00	399.93	402.62	402.55	3.41	3.41	153.04	21.61	177.44	182.33	174.56	7.78	23.442	
500.00	499.68	506.37	506.03	3.50	3.51	152.16	27.14	172.52	184.44	176.50	7.95	23.212	
600.00	599.13	610.00	609.05	3.61	3.63	150.87	35.45	165.12	187.65	179.49	8.16	22.996	
700.00	698.15	712.98	710.97	3.75	3.78	149.23	46.43	155.33	192.05	183.62	8.43	22.788	
800.00	796.63	812.65	809.42	3.93	3.95	147.88	58.07	144.96	198.85	190.09	8.75	22.715	
900.00	894.44	912.14	907.68	4.16	4.15	147.10	69.69	134.61	208.65	199.52	9.13	22.852	
1,000.00	991.46	1,011.32	1,005.64	4.44	4.37	146.86	81.28	124.29	221.38	211.82	9.56	23.168	
1,100.00	1,088.03	1,110.29	1,103.39	4.76	4.60	147.00	92.84	113.99	235.63	225.61	10.02	23.518	
1,200.00	1,184.60	1,209.27	1,201.15	5.11	4.85	147.14	104.40	103.69	249.88	239.37	10.51	23.769	
1,300.00	1,281.17	1,308.25	1,298.91	5.49	5.12	147.26	115.96	93.39	264.13	253.10	11.04	23.933	
1,400.00	1,377.74	1,407.23	1,396.67	5.89	5.39	147.36	127.52	83.09	278.39	266.80	11.58	24.031	
1,500.00	1,474.31	1,506.20	1,494.43	6.31	5.67	147.46	139.08	72.79	292.64	280.49	12.15	24.077	
1,600.00	1,570.88	1,605.18	1,592.19	6.73	5.97	147.55	150.64	62.49	306.90	294.16	12.74	24.086	
1,700.00	1,667.45	1,704.16	1,689.95	7.17	6.26	147.63	162.20	52.19	321.16	307.82	13.34	24.076	
1,800.00	1,764.02	1,803.14	1,787.71	7.42	6.42	147.70	173.76	41.89	335.41	322.12	13.29	25.237	
1,900.00	1,860.59	1,902.11	1,885.47	7.50	6.46	147.77	185.32	31.59	349.67	336.31	13.36	26.172	
2,000.00	1,957.16	2,001.09	1,983.22	7.60	6.52	147.83	196.88	21.29	363.93	350.46	13.47	27.014	
2,100.00	2,053.73	2,100.07	2,080.98	7.75	6.59	147.89	208.44	10.99	378.19	364.57	13.62	27.759	
2,200.00	2,150.30	2,200.95	2,178.74	7.92	6.69	147.94	220.00	0.69	392.45	378.63	13.82	28.403	
2,300.00	2,246.87	2,301.98	2,276.50	8.12	6.81	147.99	231.56	-9.61	406.71	392.66	14.05	28.950	
2,400.00	2,343.44	2,397.00	2,374.26	8.34	6.93	148.04	243.12	-19.91	420.97	406.66	14.31	29.421	
2,500.00	2,440.01	2,504.02	2,472.02	8.60	7.09	148.08	254.68	-30.21	435.23	420.61	14.62	29.775	
2,600.00	2,536.58	2,605.04	2,569.78	8.87	7.26	148.12	266.24	-40.51	449.49	434.54	14.95	30.065	
2,700.00	2,633.15	2,706.07	2,667.54	9.16	7.44	148.16	277.80	-50.81	463.75	448.44	15.31	30.285	
2,800.00	2,729.72	2,807.09	2,765.30	9.47	7.63	148.19	289.36	-61.11	478.01	462.31	15.70	30.441	
2,900.00	2,826.29	2,908.11	2,863.05	9.80	7.83	148.23	300.92	-71.42	492.27	476.15	16.12	30.541	
3,000.00	2,922.86	2,990.87	2,960.81	10.15	8.01	148.26	312.49	-81.72	506.53	490.01	16.52	30.661	
3,100.00	3,019.43	3,089.84	3,058.57	10.50	8.23	148.29	324.05	-92.02	520.79	503.82	16.97	30.681	
3,200.00	3,116.00	3,188.82	3,156.33	10.87	8.46	148.32	335.61	-102.32	535.06	517.61	17.45	30.666	
3,300.00	3,212.57	3,287.80	3,254.09	11.25	8.70	148.34	347.17	-112.62	549.32	531.38	17.94	30.620	
3,400.00	3,309.14	3,386.78	3,351.85	11.65	8.94	148.37	358.73	-122.92	563.58	545.13	18.45	30.550	
3,500.00	3,405.71	3,485.75	3,449.61	12.04	9.20	148.39	370.29	-133.22	577.84	558.87	18.97	30.460	
3,600.00	3,502.28	3,584.73	3,547.37	12.45	9.46	148.42	381.85	-143.52	592.10	572.59	19.51	30.353	
3,700.00	3,598.85	3,683.71	3,645.13	12.87	9.72	148.44	393.41	-153.82	606.36	586.31	20.06	30.233	
3,800.00	3,695.42	3,782.69	3,742.89	13.29	9.99	148.46	404.97	-164.12	620.63	600.01	20.62	30.102	
3,900.00	3,791.99	3,881.66	3,840.64	13.72	10.27	148.48	416.53	-174.42	634.89	613.70	21.19	29.963	
4,000.00	3,888.56	3,980.64	3,938.40	14.15	10.55	148.50	428.09	-184.72	649.15	627.38	21.77	29.818	
4,100.00	3,985.13	4,079.62	4,036.16	14.59	10.84	148.52	439.65	-195.02	663.41	641.05	22.36	29.668	
4,200.00	4,081.70	4,178.60	4,133.92	15.03	11.13	148.53	451.21	-205.32	677.67	654.71	22.96	29.516	
4,300.00	4,178.27	4,277.57	4,231.68	15.48	11.42	148.55	462.77	-215.62	691.94	668.37	23.57	29.361	
4,400.00	4,274.84	4,376.55	4,329.44	15.93	11.72	148.57	474.33	-225.92	706.20	682.02	24.18	29.206	
4,500.00	4,371.41	4,475.53	4,427.20	16.38	12.02	148.58	485.89	-236.22	720.46	695.66	24.80	29.051	
4,600.00	4,467.98	4,574.51	4,524.96	16.84	12.33	148.60	497.45	-246.52	734.72	709.30	25.43	28.897	
4,700.00	4,564.55	4,673.48	4,622.72	17.30	12.63	148.61	509.01	-256.82	748.99	722.93	26.06	28.744	
4,800.00	4,661.12	4,772.46	4,720.47	17.76	12.94	148.63	520.57	-267.12	763.25	736.55	26.69	28.593	
4,900.00	4,757.69	4,871.44	4,818.23	18.23	13.26	148.64	532.13	-277.42	777.51	750.18	27.34	28.443	
5,000.00	4,854.26	4,970.42	4,915.99	18.70	13.57	148.65	543.70	-287.72	791.77	763.79	27.98	28.296	
5,100.00	4,950.83	5,069.39	5,013.75	19.17	13.89	148.66	555.26	-298.02	806.04	777.40	28.63	28.152	
5,200.00	5,047.40	5,168.37	5,111.51	19.64	14.20	148.68	566.82	-308.32	820.30	791.01	29.29	28.010	
5,300.00	5,143.97	5,267.35	5,209.27	20.11	14.52	148.69	578.38	-318.62	834.56	804.62	29.94	27.871	
5,400.00	5,240.54	5,366.33	5,307.03	20.59	14.85	148.70	589.94	-328.92	848.82	818.22	30.60	27.735	
5,500.00	5,337.11	5,465.30	5,404.79	21.07	15.17	148.71	601.50	-339.22	863.09	831.82	31.27	27.602	
5,600.00	5,433.68	5,564.28	5,502.55	21.55	15.49	148.72	613.06	-349.52	877.35	845.41	31.94	27.472	
5,700.00	5,530.25	5,663.26	5,600.31	22.03	15.82	148.73	624.62	-359.82	891.61	859.01	32.61	27.345	
5,800.00	5,626.82	5,762.24	5,698.06	22.51	16.15	148.74	636.18	-370.12	905.88	872.60	33.28	27.221	
5,900.00	5,723.39	5,861.21	5,795.82	22.99	16.48	148.75	647.74	-380.42	920.14	886.18	33.95	27.099	
6,000.00	5,819.96	5,960.19	5,893.58	23.48	16.81	148.76	659.30	-390.72	934.40	899.77	34.63	26.981	
6,100.00	5,916.53	6,059.17	5,991.34	23.96	17.14	148.77	670.86	-401.02	948.66	913.35	35.31	26.866	
6,200.00	6,013.10	6,158.15	6,089.10	24.45	17.47	148.78	682.42	-411.32	962.93	926.93	35.99	26.753	
6,300.00	6,109.67	6,257.12	6,186.86	24.93	17.80	148.78	693.98	-421.62	977.19	940.51	36.68	26.643	
6,400.00	6,206.31	7,901.78	7,151.98	25.40	35.94	116.85	786.68	-1,403.61	983.39	952.26	31.13	31.590	

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1			Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,500.00	6,304.86	7,912.19	7,152.07	25.61	36.19	48.28	786.35	-1,417.58	886.07	854.24	31.82	27.844			
6,600.00	6,404.33	7,910.52	7,152.06	25.73	36.15	-72.04	786.39	-1,415.91	788.32	755.78	32.55	24.221			
6,700.00	6,502.26	7,906.74	7,151.95	25.80	36.06	-115.47	786.80	-1,398.66	692.78	659.36	33.42	20.727			
6,800.00	6,596.25	7,860.84	7,151.74	25.88	34.99	-130.86	787.56	-1,366.24	602.08	567.88	34.20	17.606			
6,900.00	6,683.99	7,814.04	7,151.44	26.01	33.90	-137.23	788.67	-1,319.46	518.80	483.56	35.25	14.719			
7,000.00	6,763.31	7,754.02	7,151.06	26.26	32.56	-139.42	790.08	-1,259.46	445.39	408.84	36.55	12.185			
7,100.00	6,832.26	7,682.27	7,150.60	26.67	31.00	-139.16	791.77	-1,187.73	383.97	345.84	38.13	10.070			
7,200.00	6,889.14	7,600.54	7,150.07	27.31	29.31	-137.31	793.70	-1,106.02	336.09	296.18	39.92	8.420			
7,300.00	6,932.56	7,464.44	7,137.25	28.20	26.72	-130.59	795.44	-970.79	296.32	252.90	43.41	6.825			
7,400.00	6,961.43	7,340.99	7,101.29	29.35	24.68	-121.62	793.96	-852.91	257.51	210.13	47.38	5.435			
7,500.00	6,975.06	7,233.75	7,052.23	30.72	23.20	-110.82	790.35	-757.75	224.62	173.52	51.10	4.396			
7,600.00	6,977.71	7,141.31	6,997.75	32.26	22.16	-96.44	785.58	-683.32	201.70	147.88	53.82	3.748			
7,672.85	6,979.34	7,085.92	6,960.18	33.52	21.63	-85.25	782.03	-642.80	195.31	141.00	54.31	3.596	ES, SF		
7,700.00	6,979.94	7,067.56	6,946.98	33.99	21.47	-81.29	780.74	-630.12	196.32	142.35	53.97	3.638			
7,800.00	6,982.17	7,008.98	6,902.52	35.89	20.99	-68.43	776.29	-592.27	218.15	167.26	50.90	4.286			
7,900.00	6,984.40	6,962.07	6,864.54	37.94	20.66	-58.59	772.37	-565.02	265.28	218.05	47.22	5.618			
8,000.00	6,986.62	6,924.03	6,832.36	40.10	20.41	-51.35	768.97	-545.03	329.58	284.94	44.64	7.383			
8,100.00	6,988.85	6,892.77	6,805.07	42.36	20.22	-46.01	766.03	-530.08	404.40	361.31	43.09	9.386			
8,200.00	6,991.08	6,866.75	6,781.82	44.70	20.07	-42.00	763.50	-518.68	485.74	443.58	42.16	11.521			
8,300.00	6,993.31	6,850.00	6,766.62	47.12	19.97	-39.62	761.83	-511.84	571.38	529.78	41.60	13.736			
8,400.00	6,995.54	6,826.13	6,744.67	49.60	19.85	-36.50	759.40	-502.80	659.85	618.63	41.23	16.006			
8,500.00	6,997.77	6,800.00	6,720.27	52.13	19.72	-33.41	756.67	-493.86	750.61	709.62	40.99	18.314			
8,600.00	6,999.99	6,800.00	6,720.27	54.70	19.72	-33.41	756.67	-493.86	842.66	801.86	40.80	20.656			
8,700.00	7,002.22	6,783.79	6,704.96	57.31	19.65	-31.66	754.94	-488.83	936.00	895.32	40.68	23.011			
8,800.00	7,004.45	6,772.97	6,694.67	59.96	19.60	-30.55	753.78	-485.69	1,030.30	989.72	40.58	25.389			
8,900.00	7,006.68	6,750.00	6,672.66	62.63	19.50	-28.36	751.26	-479.60	1,125.55	1,085.01	40.54	27.763			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	96.81	-21.49	179.87	181.15				
100.00	100.00	103.00	97.00	3.28	3.28	96.81	-21.49	179.87	181.15	173.62	7.53	24.065	
200.00	200.00	203.00	197.00	3.30	3.30	96.81	-21.49	179.87	181.15	173.58	7.57	23.931	CC
300.00	300.00	299.92	299.92	3.34	3.35	166.20	-21.28	179.49	181.19	173.54	7.65	23.677	
400.00	399.93	406.14	406.06	3.41	3.41	166.02	-19.43	176.15	181.26	173.48	7.77	23.314	
500.00	499.68	512.34	511.97	3.50	3.51	165.65	-15.67	169.37	181.28	173.34	7.93	22.848	
578.14	577.42	595.30	594.47	3.58	3.61	165.23	-11.42	161.69	181.28	173.19	8.09	22.417	ES
600.00	599.13	616.85	615.87	3.61	3.63	165.12	-10.18	159.46	181.40	173.26	8.14	22.292	
700.00	698.15	716.81	715.12	3.75	3.77	164.77	-4.44	149.11	183.99	175.60	8.39	21.918	
800.00	796.63	816.63	814.24	3.93	3.94	164.68	1.29	138.78	189.95	181.26	8.69	21.849	
900.00	894.44	916.18	913.09	4.16	4.12	164.85	7.00	128.47	199.27	190.24	9.03	22.058	
1,000.00	991.46	1,015.36	1,011.57	4.44	4.32	165.23	12.69	118.20	211.95	202.53	9.41	22.517	
1,100.00	1,088.03	1,114.29	1,109.81	4.76	4.54	165.74	18.37	107.95	226.39	216.57	9.82	23.051	
1,200.00	1,184.60	1,213.22	1,208.04	5.11	4.76	166.19	24.05	97.70	240.86	230.60	10.25	23.492	
1,300.00	1,281.17	1,312.16	1,306.28	5.49	5.00	166.59	29.73	87.46	255.33	244.62	10.71	23.844	
1,400.00	1,377.74	1,411.09	1,404.52	5.89	5.24	166.94	35.41	77.21	269.82	258.63	11.18	24.125	
1,500.00	1,474.31	1,510.02	1,502.75	6.31	5.50	167.26	41.09	66.97	284.31	272.63	11.68	24.345	
1,600.00	1,570.88	1,608.95	1,600.99	6.73	5.76	167.55	46.77	56.72	298.81	286.62	12.19	24.518	
1,700.00	1,667.45	1,707.89	1,699.22	7.17	6.02	167.81	52.45	46.48	313.32	300.62	12.70	24.669	
1,800.00	1,764.02	1,806.82	1,797.46	7.42	6.15	168.05	58.13	36.23	327.84	315.24	12.60	26.024	
1,900.00	1,860.59	1,905.75	1,895.70	7.50	6.18	168.27	63.80	25.99	342.36	329.72	12.64	27.093	
2,000.00	1,957.16	2,004.68	1,993.93	7.60	6.23	168.47	69.48	15.74	356.88	344.17	12.71	28.079	
2,100.00	2,053.73	2,103.61	2,092.17	7.75	6.29	168.65	75.16	5.50	371.41	358.59	12.82	28.977	
2,200.00	2,150.30	2,202.55	2,190.40	7.92	6.37	168.83	80.84	-4.75	385.94	372.98	12.96	29.784	
2,300.00	2,246.87	2,301.48	2,288.64	8.12	6.47	168.98	86.52	-14.99	400.48	387.35	13.13	30.500	
2,400.00	2,343.44	2,400.41	2,386.88	8.34	6.58	169.13	92.20	-25.24	415.01	401.68	13.33	31.125	
2,500.00	2,440.01	2,499.34	2,485.11	8.60	6.70	169.27	97.88	-35.48	429.56	415.99	13.57	31.665	
2,600.00	2,536.58	2,598.27	2,583.35	8.87	6.83	169.40	103.56	-45.73	444.10	430.27	13.83	32.121	
2,700.00	2,633.15	2,702.79	2,681.59	9.16	6.99	169.52	109.24	-55.98	458.64	444.52	14.12	32.485	
2,800.00	2,729.72	2,796.14	2,779.82	9.47	7.14	169.63	114.92	-66.22	473.19	458.77	14.42	32.812	
2,900.00	2,826.29	2,895.07	2,878.06	9.80	7.31	169.74	120.59	-76.47	487.74	472.98	14.75	33.059	
3,000.00	2,922.86	2,994.00	2,976.29	10.15	7.49	169.84	126.27	-86.71	502.29	487.18	15.11	33.248	
3,100.00	3,019.43	3,107.06	3,074.53	10.50	7.71	169.93	131.95	-96.96	516.84	501.33	15.50	33.336	
3,200.00	3,116.00	3,208.13	3,172.77	10.87	7.92	170.02	137.63	-107.20	531.39	515.49	15.90	33.421	
3,300.00	3,212.57	3,290.80	3,271.00	11.25	8.09	170.10	143.31	-117.45	545.94	529.67	16.28	33.536	
3,400.00	3,309.14	3,389.73	3,369.24	11.65	8.31	170.18	148.99	-127.69	560.50	543.80	16.70	33.557	
3,500.00	3,405.71	3,488.66	3,467.48	12.04	8.53	170.26	154.67	-137.94	575.06	557.91	17.14	33.549	
3,600.00	3,502.28	3,587.60	3,565.71	12.45	8.76	170.33	160.35	-148.18	589.61	572.02	17.59	33.517	
3,700.00	3,598.85	3,686.53	3,663.95	12.87	8.99	170.40	166.03	-158.43	604.17	586.12	18.05	33.464	
3,800.00	3,695.42	3,785.46	3,762.18	13.29	9.23	170.47	171.70	-168.67	618.73	600.20	18.53	33.393	
3,900.00	3,791.99	3,884.39	3,860.42	13.72	9.47	170.53	177.38	-178.92	633.29	614.27	19.01	33.307	
4,000.00	3,888.56	3,983.32	3,958.66	14.15	9.72	170.59	183.06	-189.16	647.85	628.34	19.51	33.210	
4,100.00	3,985.13	4,082.26	4,056.89	14.59	9.98	170.65	188.74	-199.41	662.41	642.40	20.01	33.103	
4,200.00	4,081.70	4,181.19	4,155.13	15.03	10.23	170.70	194.42	-209.65	676.97	656.45	20.52	32.988	
4,300.00	4,178.27	4,280.12	4,253.37	15.48	10.50	170.75	200.10	-219.90	691.53	670.49	21.04	32.866	
4,400.00	4,274.84	4,379.05	4,351.60	15.93	10.76	170.80	205.78	-230.15	706.09	684.53	21.57	32.741	
4,500.00	4,371.41	4,477.99	4,449.84	16.38	11.03	170.85	211.46	-240.39	720.66	698.56	22.10	32.611	
4,600.00	4,467.98	4,576.92	4,548.07	16.84	11.30	170.90	217.14	-250.64	735.22	712.58	22.64	32.479	
4,700.00	4,564.55	4,675.85	4,646.31	17.30	11.57	170.94	222.82	-260.88	749.78	726.60	23.18	32.345	
4,800.00	4,661.12	4,774.78	4,744.55	17.76	11.85	170.99	228.49	-271.13	764.35	740.62	23.73	32.211	
4,900.00	4,757.69	4,873.71	4,842.78	18.23	12.13	171.03	234.17	-281.37	778.91	754.63	24.28	32.076	
5,000.00	4,854.26	4,972.65	4,941.02	18.70	12.41	171.07	239.85	-291.62	793.48	768.64	24.84	31.941	
5,100.00	4,950.83	5,071.58	5,039.26	19.17	12.69	171.10	245.53	-301.86	808.04	782.64	25.40	31.807	
5,200.00	5,047.40	5,170.51	5,137.49	19.64	12.97	171.14	251.21	-312.11	822.61	796.64	25.97	31.674	
5,300.00	5,143.97	5,269.44	5,235.73	20.11	13.26	171.18	256.89	-322.35	837.17	810.63	26.54	31.542	
5,400.00	5,240.54	5,368.38	5,333.96	20.59	13.55	171.21	262.57	-332.60	851.74	824.63	27.12	31.412	
5,500.00	5,337.11	5,467.31	5,432.20	21.07	13.84	171.24	268.25	-342.84	866.31	838.61	27.69	31.283	
5,600.00	5,433.68	5,566.24	5,530.44	21.55	14.13	171.28	273.93	-353.09	880.87	852.60	28.27	31.157	
5,700.00	5,530.25	5,665.17	5,628.67	22.03	14.42	171.31	279.61	-363.33	895.44	866.59	28.85	31.033	
5,800.00	5,626.82	5,764.10	5,726.91	22.51	14.72	171.34	285.28	-373.58	910.01	880.57	29.44	30.910	
5,900.00	5,723.39	5,863.04	5,825.15	22.99	15.01	171.37	290.96	-383.82	924.58	894.55	30.03	30.790	
6,000.00	5,819.96	5,961.97	5,923.38	23.48	15.31	171.39	296.64	-394.07	939.14	908.52	30.62	30.672	
6,100.00	5,916.53	6,060.90	6,021.62	23.96	15.60	171.42	302.32	-404.32	953.71	922.50	31.21	30.556	
6,200.00	6,013.10	6,159.83	6,119.85	24.45	15.90	171.45	308.00	-414.56	968.28	936.47	31.81	30.443	
6,300.00	6,109.67	6,258.76	6,218.09	24.93	16.20	171.47	313.68	-424.81	982.85	950.45	32.40	30.332	
6,400.00	6,206.31	7,863.11	7,152.91	25.40	34.93	-152.34	362.24	-1,399.79	963.91	933.26	30.64	31.455	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,304.86	7,876.90	7,152.95	25.61	35.26	-159.48	362.15	-1,413.58	868.84	837.28	31.56	27.533	
6,600.00	6,404.33	7,875.05	7,152.94	25.73	35.22	147.58	362.16	-1,411.72	773.75	741.17	32.58	23.751	
6,700.00	6,502.26	7,857.59	7,152.89	25.80	34.79	141.45	362.27	-1,394.27	681.33	647.57	33.76	20.180	
6,800.00	6,596.25	7,824.97	7,152.79	25.88	34.00	142.94	362.47	-1,361.65	594.28	559.10	35.17	16.895	
6,900.00	6,683.99	7,777.99	7,152.65	26.01	32.88	143.33	362.75	-1,314.67	515.18	478.31	36.87	13.972	
7,000.00	6,763.31	7,717.79	7,152.48	26.26	31.47	142.18	363.12	-1,254.48	446.39	407.53	38.86	11.488	
7,100.00	6,832.26	7,645.87	7,152.26	26.67	29.85	139.75	363.56	-1,182.56	389.72	348.69	41.04	9.497	
7,200.00	6,889.14	7,563.99	7,152.02	27.31	28.06	136.45	364.05	-1,100.68	346.11	302.94	43.17	8.017	
7,300.00	6,932.56	7,435.01	7,139.89	28.20	25.46	129.14	364.15	-972.48	310.05	265.42	44.63	6.947	
7,400.00	6,961.43	7,319.98	7,107.55	29.35	23.38	120.60	362.94	-862.26	276.83	229.96	46.87	5.906	
7,500.00	6,975.06	7,218.18	7,062.83	30.72	21.82	111.03	360.90	-770.96	250.43	200.83	49.60	5.049	
7,600.00	6,977.71	7,128.98	7,012.14	32.26	20.68	99.13	358.39	-697.69	233.83	181.45	52.38	4.464	
7,655.75	6,978.95	7,086.65	6,984.62	33.22	20.21	92.15	356.99	-665.58	230.81	177.15	53.66	4.301	
7,700.00	6,979.94	7,056.49	6,963.74	33.99	19.90	86.86	355.90	-643.84	232.95	178.74	54.22	4.297 SF	
7,800.00	6,982.17	6,997.99	6,920.42	35.89	19.37	76.30	353.61	-604.62	254.62	200.81	53.82	4.731	
7,900.00	6,984.40	6,950.00	6,882.32	37.94	18.98	67.86	351.57	-575.53	298.05	246.25	51.80	5.754	
8,000.00	6,986.62	6,911.65	6,850.37	40.10	18.71	61.57	349.83	-554.40	357.78	308.26	49.52	7.225	
8,100.00	6,988.85	6,879.45	6,822.60	42.36	18.49	56.71	348.31	-538.17	428.46	380.88	47.58	9.006	
8,200.00	6,991.08	6,850.00	6,796.52	44.70	18.31	52.64	346.87	-524.58	506.37	460.32	46.05	10.995	
8,300.00	6,993.31	6,829.61	6,778.11	47.12	18.19	50.03	345.85	-515.89	589.16	544.25	44.91	13.118	
8,400.00	6,995.54	6,810.05	6,760.19	49.60	18.09	47.70	344.85	-508.10	675.40	631.37	44.03	15.341	
8,500.00	6,997.77	6,800.00	6,750.90	52.13	18.03	46.56	344.33	-504.32	764.19	720.87	43.32	17.640	
8,600.00	6,999.99	6,778.41	6,730.73	54.70	17.92	44.24	343.20	-496.69	854.71	811.93	42.78	19.978	
8,700.00	7,002.22	6,765.47	6,718.52	57.31	17.86	42.93	342.51	-492.45	946.73	904.39	42.34	22.362	
8,800.00	7,004.45	6,750.00	6,703.83	59.96	17.79	41.45	341.68	-487.70	1,039.90	997.91	41.98	24.769	
8,900.00	7,006.68	6,750.00	6,703.83	62.63	17.79	41.45	341.68	-487.70	1,133.97	1,092.33	41.64	27.232	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	90.47	-1.46	179.87	179.88					
100.00	100.00	103.00	97.00	3.28	3.28	90.47	-1.46	179.87	179.88	172.35	7.53	23.896		
200.00	200.00	203.00	197.00	3.30	3.30	90.47	-1.46	179.87	179.88	172.31	7.57	23.763		
300.00	300.00	299.55	299.55	3.34	3.35	159.84	-1.21	179.52	179.95	172.30	7.65	23.515		
400.00	399.93	404.97	404.89	3.41	3.41	159.55	0.97	176.45	180.31	172.53	7.78	23.189		
500.00	499.68	510.36	510.00	3.50	3.51	158.97	5.39	170.23	180.94	173.00	7.94	22.792		
600.00	599.13	615.71	614.72	3.61	3.64	158.09	12.04	160.87	181.87	173.72	8.14	22.333		
700.00	698.15	715.98	714.15	3.75	3.78	157.27	19.57	150.28	184.41	176.01	8.40	21.942		
800.00	796.63	815.81	813.13	3.93	3.94	156.87	27.07	139.73	190.19	181.48	8.71	21.833		
900.00	894.44	915.40	911.87	4.16	4.13	156.87	34.55	129.20	199.17	190.11	9.06	21.981		
1,000.00	991.46	1,014.63	1,010.28	4.44	4.34	157.21	42.00	118.71	211.35	201.90	9.45	22.361		
1,100.00	1,088.03	1,113.64	1,108.45	4.76	4.56	157.78	49.44	108.25	225.23	215.35	9.87	22.809		
1,200.00	1,184.60	1,212.65	1,206.62	5.11	4.79	158.28	56.87	97.78	239.12	228.80	10.32	23.166		
1,300.00	1,281.17	1,311.66	1,304.80	5.49	5.04	158.72	64.31	87.32	253.03	242.23	10.79	23.440		
1,400.00	1,377.74	1,410.67	1,402.97	5.89	5.29	159.12	71.75	76.86	266.95	255.66	11.29	23.650		
1,500.00	1,474.31	1,509.68	1,501.15	6.31	5.55	159.48	79.18	66.39	280.88	269.08	11.80	23.805		
1,600.00	1,570.88	1,608.69	1,599.32	6.73	5.82	159.81	86.62	55.93	294.83	282.50	12.33	23.918		
1,700.00	1,667.45	1,707.70	1,697.49	7.17	6.09	160.11	94.06	45.46	308.78	295.92	12.86	24.015		
1,800.00	1,764.02	1,806.71	1,795.67	7.42	6.23	160.38	101.49	35.00	322.74	309.97	12.76	25.285		
1,900.00	1,860.59	1,905.72	1,893.84	7.50	6.26	160.63	108.93	24.53	336.70	323.89	12.81	26.287		
2,000.00	1,957.16	2,004.73	1,992.02	7.60	6.31	160.86	116.37	14.07	350.67	337.78	12.89	27.206		
2,100.00	2,053.73	2,103.74	2,090.19	7.75	6.38	161.07	123.80	3.60	364.65	351.64	13.01	28.037		
2,200.00	2,150.30	2,202.75	2,188.36	7.92	6.46	161.26	131.24	-6.86	378.63	365.48	13.16	28.779		
2,300.00	2,246.87	2,301.76	2,286.54	8.12	6.56	161.44	138.68	-17.32	392.62	379.28	13.34	29.430		
2,400.00	2,343.44	2,400.77	2,384.71	8.34	6.68	161.61	146.11	-27.79	406.61	393.05	13.56	29.994		
2,500.00	2,440.01	2,500.22	2,482.89	8.60	6.81	161.77	153.55	-38.25	420.60	406.79	13.80	30.473		
2,600.00	2,536.58	2,601.21	2,581.06	8.87	6.96	161.92	160.99	-48.72	434.59	420.51	14.08	30.869		
2,700.00	2,633.15	2,702.20	2,679.23	9.16	7.11	162.06	168.42	-59.18	448.59	434.21	14.38	31.191		
2,800.00	2,729.72	2,803.19	2,777.41	9.47	7.29	162.19	175.86	-69.65	462.59	447.88	14.71	31.446		
2,900.00	2,826.29	2,904.18	2,875.58	9.80	7.47	162.31	183.30	-80.11	476.59	461.53	15.06	31.641		
3,000.00	2,922.86	3,005.17	2,973.76	10.15	7.66	162.43	190.73	-90.58	490.60	475.16	15.44	31.782		
3,100.00	3,019.43	3,106.16	3,071.93	10.50	7.87	162.54	198.17	-101.04	504.60	488.77	15.83	31.877		
3,200.00	3,116.00	3,207.15	3,170.10	10.87	8.08	162.64	205.61	-111.50	518.61	502.37	16.24	31.930		
3,300.00	3,212.57	3,308.14	3,268.28	11.25	8.30	162.74	213.04	-121.97	532.62	515.95	16.67	31.948		
3,400.00	3,309.14	3,409.13	3,366.45	11.65	8.53	162.83	220.48	-132.43	546.63	529.51	17.12	31.936		
3,500.00	3,405.71	3,489.88	3,464.63	12.04	8.72	162.92	227.92	-142.90	560.64	543.11	17.53	31.973		
3,600.00	3,502.28	3,588.89	3,562.80	12.45	8.96	163.00	235.35	-153.36	574.65	556.65	18.00	31.921		
3,700.00	3,598.85	3,687.90	3,660.98	12.87	9.20	163.08	242.79	-163.83	588.67	570.19	18.48	31.851		
3,800.00	3,695.42	3,786.91	3,759.15	13.29	9.45	163.16	250.23	-174.29	602.68	583.71	18.97	31.766		
3,900.00	3,791.99	3,885.92	3,857.32	13.72	9.70	163.23	257.66	-184.76	616.70	597.23	19.47	31.668		
4,000.00	3,888.56	3,984.93	3,955.50	14.15	9.96	163.30	265.10	-195.22	630.72	610.73	19.98	31.560		
4,100.00	3,985.13	4,083.94	4,053.67	14.59	10.22	163.37	272.53	-205.68	644.74	624.23	20.50	31.444		
4,200.00	4,081.70	4,182.95	4,151.85	15.03	10.49	163.43	279.97	-216.15	658.76	637.72	21.03	31.321		
4,300.00	4,178.27	4,281.96	4,250.02	15.48	10.76	163.49	287.41	-226.61	672.78	651.21	21.57	31.194		
4,400.00	4,274.84	4,380.97	4,348.19	15.93	11.03	163.55	294.84	-237.08	686.80	664.69	22.11	31.063		
4,500.00	4,371.41	4,479.98	4,446.37	16.38	11.31	163.60	302.28	-247.54	700.82	678.16	22.66	30.930		
4,600.00	4,467.98	4,578.99	4,544.54	16.84	11.59	163.66	309.72	-258.01	714.84	691.63	23.21	30.795		
4,700.00	4,564.55	4,678.00	4,642.72	17.30	11.87	163.71	317.15	-268.47	728.86	705.09	23.77	30.659		
4,800.00	4,661.12	4,777.01	4,740.89	17.76	12.16	163.76	324.59	-278.94	742.88	718.55	24.34	30.524		
4,900.00	4,757.69	4,876.02	4,839.06	18.23	12.45	163.81	332.03	-289.40	756.91	732.00	24.91	30.388		
5,000.00	4,854.26	4,975.03	4,937.24	18.70	12.74	163.86	339.46	-299.86	770.93	745.45	25.48	30.253		
5,100.00	4,950.83	5,074.04	5,035.41	19.17	13.03	163.90	346.90	-310.33	784.96	758.90	26.06	30.120		
5,200.00	5,047.40	5,173.05	5,133.59	19.64	13.32	163.94	354.34	-320.79	798.98	772.34	26.64	29.988		
5,300.00	5,143.97	5,272.06	5,231.76	20.11	13.62	163.98	361.77	-331.26	813.01	785.78	27.23	29.857		
5,400.00	5,240.54	5,371.07	5,329.93	20.59	13.92	164.02	369.21	-341.72	827.03	799.21	27.82	29.728		
5,500.00	5,337.11	5,470.08	5,428.11	21.07	14.22	164.06	376.65	-352.19	841.06	812.65	28.41	29.602		
5,600.00	5,433.68	5,569.09	5,526.28	21.55	14.52	164.10	384.08	-362.65	855.09	826.08	29.01	29.478		
5,700.00	5,530.25	5,668.10	5,624.46	22.03	14.82	164.14	391.52	-373.12	869.11	839.51	29.61	29.355		
5,800.00	5,626.82	5,767.11	5,722.63	22.51	15.12	164.17	398.96	-383.58	883.14	852.93	30.21	29.236		
5,900.00	5,723.39	5,866.12	5,820.80	22.99	15.43	164.21	406.39	-394.04	897.17	866.36	30.81	29.118		
6,000.00	5,819.96	5,965.13	5,918.98	23.48	15.73	164.24	413.83	-404.51	911.19	879.78	31.42	29.003		
6,100.00	5,916.53	6,064.14	6,017.15	23.96	16.04									

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,600.00	6,404.33	7,705.95	6,962.50	25.73	35.45	161.33	495.70	-1,416.07	563.41	533.77	29.64	19.010	
6,700.00	6,502.26	7,688.13	6,962.53	25.80	35.01	158.68	495.65	-1,398.26	466.99	436.71	30.28	15.422	
6,800.00	6,596.25	7,655.17	6,962.58	25.88	34.21	158.09	495.55	-1,365.29	375.37	344.15	31.22	12.024	
6,900.00	6,683.99	7,607.85	6,962.65	26.01	33.06	155.46	495.41	-1,317.98	291.36	258.58	32.78	8.889	
7,000.00	6,763.31	7,547.36	6,962.74	26.26	31.65	150.17	495.22	-1,257.48	218.08	182.49	35.59	6.128	
7,100.00	6,832.26	7,475.18	6,962.85	26.67	30.00	141.11	495.01	-1,185.30	159.21	118.72	40.48	3.933	
7,200.00	6,889.14	7,406.92	6,962.98	27.31	28.50	126.98	494.76	-1,103.20	119.00	71.39	47.61	2.499	
7,300.00	6,932.56	7,300.21	6,958.26	28.20	26.28	105.77	494.11	-1,010.53	98.51	45.46	53.05	1.857	
7,348.60	6,948.46	7,256.64	6,951.49	28.76	25.42	93.77	493.46	-967.51	95.85	41.77	54.08	1.772	CC, ES, SF
7,400.00	6,961.43	7,212.00	6,941.52	29.35	24.58	81.23	492.58	-924.01	98.72	45.45	53.27	1.853	
7,500.00	6,975.06	7,128.75	6,914.93	30.72	23.12	60.81	490.32	-845.21	117.53	68.52	49.02	2.398	
7,600.00	6,977.71	7,051.22	6,881.15	32.26	21.92	47.70	487.56	-775.54	148.90	103.75	45.14	3.298	
7,700.00	6,979.94	6,983.32	6,844.82	33.99	21.02	38.59	484.64	-718.29	194.77	152.24	42.53	4.579	
7,800.00	6,982.17	6,924.72	6,808.72	35.89	20.33	32.39	481.77	-672.24	252.10	210.97	41.13	6.130	
7,900.00	6,984.40	6,874.44	6,774.50	37.94	19.81	28.17	479.07	-635.53	317.94	277.50	40.43	7.863	
8,000.00	6,986.62	6,831.34	6,742.94	40.10	19.41	25.22	476.60	-606.29	390.12	350.02	40.10	9.730	
8,100.00	6,988.85	6,800.00	6,718.78	42.36	19.14	23.39	474.72	-586.41	467.17	427.20	39.97	11.687	
8,200.00	6,991.08	6,762.34	6,688.52	44.70	18.85	21.50	472.37	-564.14	547.83	508.00	39.83	13.753	
8,300.00	6,993.31	6,734.61	6,665.41	47.12	18.65	20.28	470.58	-548.91	631.47	591.69	39.78	15.875	
8,400.00	6,995.54	6,700.00	6,635.69	49.60	18.41	18.94	468.28	-531.33	717.61	677.88	39.73	18.062	
8,500.00	6,997.77	6,700.00	6,635.69	52.13	18.41	18.94	468.28	-531.33	805.48	765.78	39.70	20.288	
8,600.00	6,999.99	6,670.38	6,609.53	54.70	18.23	17.93	466.26	-517.60	894.72	855.04	39.68	22.546	
8,700.00	7,002.22	6,650.00	6,591.17	57.31	18.11	17.30	464.85	-508.87	985.42	945.75	39.67	24.842	
8,800.00	7,004.45	6,650.00	6,591.17	59.96	18.11	17.30	464.85	-508.87	1,077.30	1,037.70	39.60	27.203	
8,900.00	7,006.68	6,625.47	6,568.72	62.63	17.98	16.61	463.13	-499.14	1,169.79	1,130.17	39.62	29.528	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	124.12	-121.31	179.04	216.26				
100.00	100.00	103.00	97.00	3.28	3.28	124.12	-121.31	179.04	216.26	208.74	7.53	28.730	
200.00	200.00	203.00	197.00	3.30	3.30	124.12	-121.31	179.04	216.26	208.69	7.57	28.570	CC, ES
200.01	200.01	202.99	197.01	3.30	3.30	124.12	-121.31	179.04	216.26	208.69	7.57	28.570	
300.00	300.00	297.79	297.79	3.34	3.34	-166.40	-121.58	178.75	216.60	208.95	7.65	28.312	
400.00	399.93	399.36	399.30	3.41	3.40	-165.72	-123.98	176.20	219.26	211.49	7.77	28.224	SF
500.00	499.68	500.63	500.31	3.50	3.48	-164.37	-128.81	171.05	224.64	216.70	7.94	28.307	
600.00	599.13	601.37	600.49	3.61	3.59	-162.45	-136.04	163.35	232.89	224.74	8.16	28.555	
700.00	698.15	700.89	699.10	3.75	3.73	-160.23	-145.24	153.55	244.29	235.85	8.43	28.966	
800.00	796.63	800.52	796.72	3.93	3.90	-158.36	-154.64	143.55	259.17	250.41	8.77	29.560	
900.00	894.44	902.39	893.90	4.16	4.10	-156.94	-163.99	133.59	277.44	268.28	9.16	30.296	
1,000.00	991.46	1,004.82	990.52	4.44	4.32	-155.92	-173.28	123.69	298.94	289.34	9.60	31.141	
1,100.00	1,088.03	1,107.60	1,086.80	4.76	4.56	-155.32	-182.54	113.83	322.13	312.04	10.08	31.953	
1,200.00	1,184.60	1,189.63	1,183.08	5.11	4.76	-154.81	-191.81	103.97	345.34	334.80	10.54	32.765	
1,300.00	1,281.17	1,286.85	1,279.36	5.49	5.01	-154.36	-201.07	94.10	368.57	357.50	11.07	33.307	
1,400.00	1,377.74	1,384.08	1,375.64	5.89	5.28	-153.97	-210.33	84.24	391.82	380.20	11.62	33.725	
1,500.00	1,474.31	1,481.31	1,471.92	6.31	5.55	-153.62	-219.60	74.37	415.09	402.90	12.19	34.044	
1,600.00	1,570.88	1,578.53	1,568.20	6.73	5.83	-153.30	-228.86	64.51	438.37	425.59	12.79	34.283	
1,700.00	1,667.45	1,675.76	1,664.48	7.17	6.12	-153.02	-238.12	54.65	461.67	448.27	13.40	34.459	
1,800.00	1,764.02	1,772.98	1,760.76	7.42	6.31	-152.77	-247.38	44.78	484.97	471.57	13.40	36.189	
1,900.00	1,860.59	1,870.21	1,857.04	7.50	6.38	-152.54	-256.65	34.92	508.28	494.77	13.51	37.624	
2,000.00	1,957.16	1,967.43	1,953.31	7.60	6.43	-152.33	-265.91	25.06	531.60	517.98	13.62	39.029	
2,100.00	2,053.73	2,064.66	2,049.59	7.75	6.49	-152.13	-275.17	15.19	554.92	541.15	13.77	40.292	
2,200.00	2,150.30	2,161.89	2,145.87	7.92	6.58	-151.95	-284.44	5.33	578.25	564.28	13.96	41.410	
2,300.00	2,246.87	2,259.11	2,242.15	8.12	6.68	-151.79	-293.70	-4.54	601.58	587.39	14.19	42.385	
2,400.00	2,343.44	2,356.34	2,338.43	8.34	6.79	-151.64	-302.96	-14.40	624.92	610.46	14.46	43.220	
2,500.00	2,440.01	2,453.56	2,434.71	8.60	6.93	-151.50	-312.22	-24.26	648.26	633.50	14.76	43.924	
2,600.00	2,536.58	2,550.79	2,530.99	8.87	7.07	-151.37	-321.49	-34.13	671.61	656.52	15.09	44.504	
2,700.00	2,633.15	2,648.01	2,627.27	9.16	7.24	-151.24	-330.75	-43.99	694.96	679.51	15.45	44.972	
2,800.00	2,729.72	2,745.24	2,723.55	9.47	7.41	-151.13	-340.01	-53.85	718.31	702.47	15.84	45.338	
2,900.00	2,826.29	2,842.47	2,819.83	9.80	7.59	-151.02	-349.27	-63.72	741.66	725.40	16.26	45.614	
3,000.00	2,922.86	2,939.69	2,916.11	10.15	7.79	-150.92	-358.54	-73.58	765.02	748.32	16.70	45.811	
3,100.00	3,019.43	3,036.92	3,012.39	10.50	8.00	-150.83	-367.80	-83.45	788.38	771.22	17.16	45.939	
3,200.00	3,116.00	3,134.14	3,108.67	10.87	8.22	-150.74	-377.06	-93.31	811.74	794.10	17.64	46.007	
3,300.00	3,212.57	3,231.37	3,204.95	11.25	8.44	-150.66	-386.33	-103.17	835.10	816.96	18.15	46.024	
3,400.00	3,309.14	3,328.59	3,301.23	11.65	8.67	-150.58	-395.59	-113.04	858.47	839.80	18.66	45.997	
3,500.00	3,405.71	3,425.82	3,397.51	12.04	8.91	-150.50	-404.85	-122.90	881.83	862.63	19.20	45.935	
3,600.00	3,502.28	3,523.04	3,493.79	12.45	9.16	-150.43	-414.11	-132.76	905.20	885.45	19.75	45.843	
3,700.00	3,598.85	3,620.27	3,590.07	12.87	9.42	-150.36	-423.38	-142.63	928.57	908.26	20.31	45.725	
3,800.00	3,695.42	3,717.50	3,686.34	13.29	9.68	-150.30	-432.64	-152.49	951.93	931.05	20.88	45.588	
3,900.00	3,791.99	3,814.72	3,782.62	13.72	9.94	-150.24	-441.90	-162.36	975.31	953.84	21.47	45.434	
4,000.00	3,888.56	3,911.95	3,878.90	14.15	10.21	-150.18	-451.17	-172.22	998.68	976.61	22.06	45.268	
4,100.00	3,985.13	4,009.17	3,975.18	14.59	10.49	-150.12	-460.43	-182.08	1,022.05	999.38	22.67	45.091	
4,200.00	4,081.70	4,106.40	4,071.46	15.03	10.77	-150.07	-469.69	-191.95	1,045.42	1,022.14	23.28	44.907	
4,300.00	4,178.27	4,203.62	4,167.74	15.48	11.05	-150.02	-478.95	-201.81	1,068.80	1,044.89	23.90	44.717	
4,400.00	4,274.84	4,300.85	4,264.02	15.93	11.33	-149.97	-488.22	-211.67	1,092.17	1,067.64	24.53	44.523	
4,500.00	4,371.41	4,401.92	4,360.30	16.38	11.64	-149.92	-497.48	-221.54	1,115.55	1,090.37	25.18	44.307	
4,600.00	4,467.98	4,504.70	4,456.58	16.84	11.95	-149.88	-506.74	-231.40	1,138.92	1,113.08	25.84	44.081	
4,700.00	4,564.55	4,607.47	4,552.86	17.30	12.26	-149.83	-516.01	-241.27	1,162.30	1,135.80	26.50	43.857	
4,800.00	4,661.12	4,689.75	4,649.14	17.76	12.51	-149.79	-525.27	-251.13	1,185.68	1,158.57	27.11	43.735	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	3.00	-3.00	3.28	3.28	119.50	-101.29	179.04	205.70				
100.00	100.00	103.00	97.00	3.28	3.28	119.50	-101.29	179.04	205.70	198.17	7.53	27.327	
200.00	200.00	203.00	197.00	3.30	3.30	119.50	-101.29	179.04	205.70	198.13	7.57	27.175	CC, ES
204.11	204.11	201.11	201.11	3.30	3.30	-171.10	-101.29	179.04	205.70	198.13	7.57	27.172	
300.00	300.00	298.66	298.66	3.34	3.34	-171.02	-101.51	178.69	205.94	198.29	7.65	26.917	
400.00	399.93	402.13	402.06	3.41	3.40	-170.29	-103.43	175.61	207.74	199.97	7.77	26.737	
500.00	499.68	505.37	505.03	3.50	3.49	-168.84	-107.31	169.39	211.37	203.44	7.94	26.635	
600.00	599.13	608.22	607.29	3.61	3.60	-166.76	-113.14	160.07	217.03	208.87	8.15	26.613	
700.00	698.15	707.72	705.99	3.75	3.74	-164.59	-119.84	149.35	225.53	217.10	8.43	26.753	
800.00	796.63	806.74	804.20	3.93	3.91	-162.79	-126.50	138.68	237.63	228.87	8.76	27.137	
900.00	894.44	905.36	902.02	4.16	4.10	-161.39	-133.14	128.06	253.20	244.07	9.13	27.728	
1,000.00	991.46	1,003.47	999.33	4.44	4.30	-160.37	-139.75	117.48	272.12	262.57	9.55	28.488	
1,100.00	1,088.03	1,101.26	1,096.33	4.76	4.52	-159.71	-146.33	106.95	292.78	282.77	10.01	29.257	
1,200.00	1,184.60	1,200.95	1,193.33	5.11	4.76	-159.14	-152.92	96.41	313.47	302.98	10.49	29.869	
1,300.00	1,281.17	1,303.16	1,290.33	5.49	5.02	-158.64	-159.50	85.87	334.19	323.17	11.02	30.329	
1,400.00	1,377.74	1,405.37	1,387.33	5.89	5.29	-158.20	-166.09	75.33	354.93	343.36	11.57	30.680	
1,500.00	1,474.31	1,507.58	1,484.33	6.31	5.56	-157.80	-172.67	64.80	375.69	363.55	12.14	30.942	
1,600.00	1,570.88	1,609.78	1,581.32	6.73	5.85	-157.45	-179.26	54.26	396.46	383.73	12.73	31.135	
1,700.00	1,667.45	1,688.01	1,678.32	7.17	6.07	-157.14	-185.84	43.72	417.25	403.97	13.27	31.434	
1,800.00	1,764.02	1,785.80	1,775.32	7.42	6.24	-156.85	-192.43	33.18	438.04	424.80	13.25	33.067	
1,900.00	1,860.59	1,883.59	1,872.32	7.50	6.29	-156.59	-199.01	22.65	458.85	445.52	13.33	34.414	
2,000.00	1,957.16	1,981.38	1,969.32	7.60	6.34	-156.35	-205.60	12.11	479.67	466.23	13.44	35.691	
2,100.00	2,053.73	2,079.17	2,066.32	7.75	6.40	-156.13	-212.18	1.57	500.49	486.90	13.58	36.842	
2,200.00	2,150.30	2,176.96	2,163.32	7.92	6.48	-155.93	-218.77	-8.97	521.32	507.55	13.77	37.863	
2,300.00	2,246.87	2,274.75	2,260.31	8.12	6.58	-155.75	-225.35	-19.51	542.15	528.16	13.99	38.755	
2,400.00	2,343.44	2,372.55	2,357.31	8.34	6.69	-155.58	-231.94	-30.04	562.99	548.75	14.24	39.523	
2,500.00	2,440.01	2,470.34	2,454.31	8.60	6.82	-155.42	-238.52	-40.58	583.83	569.30	14.53	40.171	
2,600.00	2,536.58	2,568.13	2,551.31	8.87	6.96	-155.27	-245.11	-51.12	604.68	589.83	14.85	40.708	
2,700.00	2,633.15	2,665.92	2,648.31	9.16	7.12	-155.13	-251.69	-61.66	625.53	610.33	15.20	41.143	
2,800.00	2,729.72	2,763.71	2,745.31	9.47	7.28	-155.00	-258.27	-72.19	646.39	630.81	15.58	41.485	
2,900.00	2,826.29	2,861.50	2,842.30	9.80	7.46	-154.88	-264.86	-82.73	667.25	651.26	15.98	41.746	
3,000.00	2,922.86	2,959.29	2,939.30	10.15	7.65	-154.77	-271.44	-93.27	688.11	671.70	16.41	41.933	
3,100.00	3,019.43	3,057.08	3,036.30	10.50	7.85	-154.66	-278.03	-103.81	708.97	692.11	16.86	42.057	
3,200.00	3,116.00	3,154.87	3,133.30	10.87	8.06	-154.56	-284.61	-114.34	729.83	712.51	17.32	42.126	
3,300.00	3,212.57	3,252.67	3,230.30	11.25	8.28	-154.46	-291.20	-124.88	750.70	732.89	17.81	42.148	
3,400.00	3,309.14	3,350.46	3,327.30	11.65	8.50	-154.37	-297.78	-135.42	771.57	753.26	18.31	42.130	
3,500.00	3,405.71	3,448.25	3,424.30	12.04	8.74	-154.29	-304.37	-145.96	792.44	773.61	18.83	42.079	
3,600.00	3,502.28	3,546.04	3,521.29	12.45	8.98	-154.20	-310.95	-156.49	813.31	793.95	19.37	41.999	
3,700.00	3,598.85	3,643.83	3,618.29	12.87	9.22	-154.13	-317.54	-167.03	834.19	814.28	19.91	41.896	
3,800.00	3,695.42	3,741.62	3,715.29	13.29	9.47	-154.05	-324.12	-177.57	855.06	834.59	20.47	41.774	
3,900.00	3,791.99	3,839.41	3,812.29	13.72	9.73	-153.98	-330.71	-188.11	875.94	854.90	21.04	41.636	
4,000.00	3,888.56	3,937.20	3,909.29	14.15	9.99	-153.92	-337.29	-198.65	896.82	875.20	21.62	41.487	
4,100.00	3,985.13	4,034.99	4,006.29	14.59	10.25	-153.85	-343.88	-209.18	917.69	895.49	22.21	41.327	
4,200.00	4,081.70	4,132.79	4,103.29	15.03	10.52	-153.79	-350.46	-219.72	938.57	915.77	22.80	41.160	
4,300.00	4,178.27	4,230.58	4,200.28	15.48	10.80	-153.73	-357.05	-230.26	959.45	936.05	23.41	40.988	
4,400.00	4,274.84	4,328.37	4,297.28	15.93	11.07	-153.68	-363.63	-240.80	980.34	956.32	24.02	40.812	
4,500.00	4,371.41	4,426.16	4,394.28	16.38	11.35	-153.63	-370.22	-251.33	1,001.22	976.58	24.64	40.634	
4,600.00	4,467.98	4,523.95	4,491.28	16.84	11.64	-153.57	-376.80	-261.87	1,022.10	996.84	25.27	40.454	
4,700.00	4,564.55	4,621.74	4,588.28	17.30	11.92	-153.53	-383.38	-272.41	1,042.99	1,017.09	25.90	40.274	
4,800.00	4,661.12	4,719.53	4,685.28	17.76	12.21	-153.48	-389.97	-282.95	1,063.87	1,037.34	26.53	40.094	
4,900.00	4,757.69	4,817.32	4,782.28	18.23	12.50	-153.43	-396.55	-293.48	1,084.76	1,057.58	27.18	39.915	
5,000.00	4,854.26	4,915.12	4,879.27	18.70	12.80	-153.39	-403.14	-304.02	1,105.64	1,077.82	27.82	39.738	
5,100.00	4,950.83	5,012.91	4,976.27	19.17	13.09	-153.35	-409.72	-314.56	1,126.53	1,098.05	28.47	39.562	
5,200.00	5,047.40	5,110.70	5,073.27	19.64	13.39	-153.31	-416.31	-325.10	1,147.42	1,118.29	29.13	39.389	
5,300.00	5,143.97	5,208.49	5,170.27	20.11	13.69	-153.27	-422.89	-335.63	1,168.30	1,138.51	29.79	39.219	
5,400.00	5,240.54	5,306.28	5,267.27	20.59	13.99	-153.23	-429.48	-346.17	1,189.19	1,158.74	30.45	39.051	
6,600.00	6,404.33	7,572.31	6,838.27	25.73	34.97	133.56	-539.48	-1,410.57	1,170.03	1,113.05	56.98	20.536	
6,700.00	6,502.26	7,554.67	6,838.25	25.80	34.54	111.92	-539.42	-1,392.92	1,145.30	1,087.39	57.91	19.778	
6,800.00	6,596.25	7,521.87	6,838.22	25.88	33.74	104.82	-539.29	-1,360.12	1,128.85	1,070.68	58.17	19.407	
6,900.00	6,683.99	7,474.71	6,838.19	26.01	32.61	100.27	-539.11	-1,312.96	1,120.18	1,062.36	57.81	19.375	SF
6,991.64	6,757.05	7,419.88	6,838.14	26.24	31.33	96.56	-538.90	-1,258.13	1,117.93	1,060.86	57.07	19.589	
7,000.00	6,763.31	7,414.36	6,838.14	26.26	31.20	96.23	-538.88	-1,252.61	1,117.95	1,060.97	56.98	19.621	
7,100.00	6,832.26	7,342.30	6,838.08	26.67	29.58	92.39	-538.61	-1,180.56	1,120.26	1,064.39	55.87	20.051	
7,200.00	6,889.14	7,260.31	6,838.01	27.31	27.80	88.90	-538.29	-1,098.57	1,124.97	1,070.28	54.68	20.572	
7,300.00	6,932.56	7,172.66	6,833.35	28.20	26.02	85.86	-537.65	-1,011.11	1,130.08	1,076.41	53.67	21.057	
7,400.00	6,961.43	7,089.61	6,818.01	29.35	24.44	83.25	-536.31	-929.55	1,134.70	1,081.65	53.06	21.386	

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							
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	
7,500.00	6,975.06	7,010.57	6,793.70	30.72	23.08	81.08	-534.39	-854.43	1,138.48	1,085.63	52.85	21.543		
7,600.00	6,977.71	6,936.40	6,762.60	32.26	21.96	79.35	-532.04	-787.18	1,142.30	1,089.30	53.00	21.555		
7,700.00	6,979.94	6,870.74	6,728.72	33.99	21.08	77.59	-529.54	-731.02	1,149.41	1,095.92	53.49	21.489		
7,800.00	6,982.17	6,813.47	6,694.59	35.89	20.41	75.85	-527.06	-685.12	1,160.78	1,106.56	54.22	21.407		
7,900.00	6,984.40	6,763.83	6,661.78	37.94	19.90	74.20	-524.71	-647.96	1,177.10	1,121.99	55.10	21.361		
8,000.00	6,986.62	6,720.89	6,631.15	40.10	19.49	72.68	-522.53	-617.97	1,198.82	1,142.77	56.05	21.390		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-119.86	-1.11	119.86				
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-119.86	-1.11	119.86	112.34	7.53	15.924	
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-119.86	-1.11	119.86	112.29	7.57	15.837	
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-119.86	-1.11	119.86	112.29	7.57	15.837	CC, ES
300.00	300.00	299.21	299.21	3.34	3.34	-110.07	-120.02	-1.51	120.18	112.53	7.65	15.706	SF
400.00	399.93	397.58	397.52	3.41	3.40	-110.07	-121.28	-4.64	122.69	114.92	7.77	15.791	
500.00	499.68	495.82	495.52	3.50	3.48	-110.07	-123.81	-10.89	127.71	119.78	7.94	16.094	
600.00	599.13	593.83	593.00	3.61	3.59	-110.06	-127.58	-20.22	135.23	127.08	8.15	16.586	
700.00	698.15	691.52	689.77	3.75	3.72	-110.04	-132.58	-32.60	145.23	136.80	8.43	17.225	
800.00	796.63	788.81	785.64	3.93	3.90	-110.00	-138.78	-47.96	157.69	148.91	8.78	17.962	
900.00	894.44	885.63	880.43	4.16	4.12	-109.94	-146.17	-66.23	172.59	163.38	9.21	18.746	
1,000.00	991.46	981.99	974.05	4.44	4.38	-109.85	-154.70	-87.35	189.89	180.16	9.72	19.529	
1,100.00	1,088.03	1,080.26	1,069.17	4.76	4.70	-110.14	-163.95	-110.24	208.35	198.02	10.33	20.167	
1,200.00	1,184.60	1,178.54	1,164.30	5.11	5.04	-110.38	-173.20	-133.13	226.83	215.83	10.99	20.630	
1,300.00	1,281.17	1,276.81	1,259.42	5.49	5.41	-110.59	-182.44	-156.02	245.30	233.60	11.70	20.958	
1,400.00	1,377.74	1,375.09	1,354.54	5.89	5.79	-110.77	-191.69	-178.91	263.78	251.33	12.45	21.184	
1,500.00	1,474.31	1,473.36	1,449.67	6.31	6.20	-110.93	-200.94	-201.80	282.26	269.03	13.23	21.335	
1,600.00	1,570.88	1,571.64	1,544.79	6.73	6.61	-111.07	-210.19	-224.69	300.75	286.71	14.03	21.431	
1,700.00	1,667.45	1,669.91	1,639.91	7.17	7.04	-111.19	-219.44	-247.59	319.23	304.37	14.86	21.485	
1,800.00	1,764.02	1,768.19	1,735.03	7.42	7.34	-111.30	-228.69	-270.48	337.72	322.54	15.18	22.255	
1,900.00	1,860.59	1,866.46	1,830.16	7.50	7.46	-111.39	-237.94	-293.37	356.20	341.01	15.19	23.446	
2,000.00	1,957.16	1,964.74	1,925.28	7.60	7.56	-111.48	-247.19	-316.26	374.69	359.31	15.38	24.362	
2,100.00	2,053.73	2,063.01	2,020.40	7.75	7.68	-111.56	-256.43	-339.15	393.18	377.55	15.63	25.158	
2,200.00	2,150.30	2,161.28	2,115.53	7.92	7.84	-111.63	-265.68	-362.04	411.67	395.74	15.93	25.837	
2,300.00	2,246.87	2,259.56	2,210.65	8.12	8.02	-111.70	-274.93	-384.93	430.16	413.87	16.29	26.403	
2,400.00	2,343.44	2,357.83	2,305.77	8.34	8.22	-111.76	-284.18	-407.82	448.65	431.95	16.70	26.863	
2,500.00	2,440.01	2,456.11	2,400.89	8.60	8.46	-111.81	-293.43	-430.72	467.14	449.98	17.16	27.228	
2,600.00	2,536.58	2,554.38	2,496.02	8.87	8.71	-111.87	-302.68	-453.61	485.63	467.98	17.65	27.507	
2,700.00	2,633.15	2,652.66	2,591.14	9.16	8.98	-111.91	-311.93	-476.50	504.12	485.93	18.19	27.711	
2,800.00	2,729.72	2,750.93	2,686.26	9.47	9.28	-111.96	-321.17	-499.39	522.61	503.85	18.76	27.851	
2,900.00	2,826.29	2,849.21	2,781.39	9.80	9.59	-112.00	-330.42	-522.28	541.10	521.73	19.37	27.935	
3,000.00	2,922.86	2,947.48	2,876.51	10.15	9.91	-112.04	-339.67	-545.17	559.60	539.59	20.01	27.973	
3,100.00	3,019.43	3,045.76	2,971.63	10.50	10.25	-112.07	-348.92	-568.06	578.09	557.42	20.67	27.972	
3,200.00	3,116.00	3,144.03	3,066.75	10.87	10.60	-112.11	-358.17	-590.95	596.58	575.23	21.35	27.940	
3,300.00	3,212.57	3,242.31	3,161.88	11.25	10.97	-112.14	-367.42	-613.85	615.07	593.01	22.06	27.882	
3,400.00	3,309.14	3,340.58	3,257.00	11.65	11.34	-112.17	-376.67	-636.74	633.57	610.78	22.79	27.804	
3,500.00	3,405.71	3,438.86	3,352.12	12.04	11.72	-112.20	-385.92	-659.63	652.06	628.53	23.53	27.710	
3,600.00	3,502.28	3,537.13	3,447.25	12.45	12.11	-112.22	-395.16	-682.52	670.55	646.26	24.29	27.603	
3,700.00	3,598.85	3,635.40	3,542.37	12.87	12.51	-112.25	-404.41	-705.41	689.05	663.98	25.07	27.487	
3,800.00	3,695.42	3,733.68	3,637.49	13.29	12.91	-112.27	-413.66	-728.30	707.54	681.68	25.86	27.363	
3,900.00	3,791.99	3,831.95	3,732.61	13.72	13.33	-112.30	-422.91	-751.19	726.03	699.38	26.66	27.234	
4,000.00	3,888.56	3,930.23	3,827.74	14.15	13.74	-112.32	-432.16	-774.08	744.53	717.06	27.47	27.102	
4,100.00	3,985.13	4,028.50	3,922.86	14.59	14.17	-112.34	-441.41	-796.98	763.02	734.73	28.29	26.968	
4,200.00	4,081.70	4,126.78	4,017.98	15.03	14.59	-112.36	-450.66	-819.87	781.52	752.39	29.12	26.833	
4,300.00	4,178.27	4,225.05	4,113.11	15.48	15.02	-112.38	-459.90	-842.76	800.01	770.05	29.96	26.699	
4,400.00	4,274.84	4,323.33	4,208.23	15.93	15.46	-112.39	-469.15	-865.65	818.50	787.69	30.81	26.564	
4,500.00	4,371.41	4,421.60	4,303.35	16.38	15.90	-112.41	-478.40	-888.54	837.00	805.33	31.67	26.431	
4,600.00	4,467.98	4,519.88	4,398.47	16.84	16.34	-112.43	-487.65	-911.43	855.49	822.96	32.53	26.300	
4,700.00	4,564.55	4,618.15	4,493.60	17.30	16.78	-112.44	-496.90	-934.32	873.99	840.59	33.40	26.171	
4,800.00	4,661.12	4,716.43	4,588.72	17.76	17.23	-112.46	-506.15	-957.21	892.48	858.21	34.27	26.044	
4,900.00	4,757.69	4,814.70	4,683.84	18.23	17.68	-112.47	-515.40	-980.11	910.97	875.83	35.15	25.920	
5,000.00	4,854.26	4,912.98	4,778.97	18.70	18.14	-112.48	-524.65	-1,003.00	929.47	893.44	36.03	25.798	
5,100.00	4,950.83	5,011.25	4,874.09	19.17	18.59	-112.50	-533.89	-1,025.89	947.96	911.05	36.92	25.679	
5,200.00	5,047.40	5,109.52	4,969.21	19.64	19.05	-112.51	-543.14	-1,048.78	966.46	928.65	37.81	25.563	
5,300.00	5,143.97	5,207.80	5,064.33	20.11	19.51	-112.52	-552.39	-1,071.67	984.95	946.25	38.70	25.449	
5,400.00	5,240.54	5,306.07	5,159.46	20.59	19.97	-112.53	-561.64	-1,094.56	1,003.45	963.85	39.60	25.339	
5,500.00	5,337.11	5,404.35	5,254.58	21.07	20.43	-112.55	-570.89	-1,117.45	1,021.94	981.44	40.50	25.231	
5,600.00	5,433.68	5,502.62	5,349.70	21.55	20.90	-112.56	-580.14	-1,140.34	1,040.44	999.03	41.41	25.126	
5,700.00	5,530.25	5,600.90	5,444.83	22.03	21.36	-112.57	-589.39	-1,163.24	1,058.93	1,016.62	42.32	25.024	
5,800.00	5,626.82	5,700.83	5,539.95	22.51	21.84	-112.58	-598.63	-1,186.13	1,077.43	1,034.19	43.23	24.920	
5,900.00	5,723.39	5,802.55	5,635.07	22.99	22.33	-112.59	-607.88	-1,209.02	1,095.92	1,051.76	44.16	24.815	
6,000.00	5,819.96	5,904.28	5,730.19	23.48	22.81	-112.60	-617.13	-1,231.91	1,114.42	1,069.32	45.10	24.712	
6,100.00	5,916.53	6,006.00	5,825.32	23.96	23.30	-112.61	-626.38	-1,254.80	1,132.91	1,086.88	46.03	24.613	
6,200.00	6,013.10	6,092.27	5,920.44	24.45	23.71	-112.62	-635.63	-1,277.69	1,151.41	1,104.51	46.89	24.553	
6,300.00	6,109.67	6,209.45	6,015.56	24.93	24.28	-112.62	-644.88	-1,300.58	1,169.90	1,122.00	47.90	24.422	
6,400.00	6,206.31	6,288.82	6,110.69	25.40	24.66	-115.53	-654.13	-1,323.47	1,188.38	1,139.66	48.72	24.392	

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	0.00	0.00	3.28	3.28	-179.52	-99.82	-0.84	99.82					
100.00	100.00	100.00	100.00	3.28	3.28	-179.52	-99.82	-0.84	99.82	92.29	7.53	13.261		
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-99.82	-0.84	99.82	92.25	7.57	13.189		
200.00	200.00	200.00	200.00	3.30	3.30	-179.52	-99.82	-0.84	99.82	92.25	7.57	13.189	CC, ES	
300.00	300.00	299.60	299.60	3.34	3.34	-110.11	-99.91	-1.25	100.07	92.42	7.65	13.078		
400.00	399.93	398.77	398.70	3.41	3.40	-110.02	-100.68	-4.60	102.07	94.30	7.77	13.133		
500.00	499.68	497.85	497.54	3.50	3.49	-109.85	-102.21	-11.28	106.07	98.13	7.94	13.359		
600.00	599.13	596.78	595.94	3.61	3.59	-109.62	-104.50	-21.27	112.06	103.90	8.16	13.730		
700.00	698.15	695.51	693.72	3.75	3.73	-109.34	-107.54	-34.53	120.04	111.59	8.45	14.212		
800.00	796.63	793.99	790.73	3.93	3.91	-109.02	-111.31	-51.03	129.98	121.18	8.80	14.767		
900.00	894.44	892.15	886.79	4.16	4.14	-108.67	-115.82	-70.70	141.87	132.63	9.24	15.351		
1,000.00	991.46	990.39	982.22	4.44	4.41	-108.39	-121.02	-93.40	155.65	145.87	9.78	15.920		
1,100.00	1,088.03	1,089.32	1,078.15	4.76	4.72	-108.70	-126.42	-116.97	170.19	159.79	10.40	16.370		
1,200.00	1,184.60	1,188.25	1,174.08	5.11	5.06	-108.97	-131.82	-140.55	184.73	173.66	11.07	16.686		
1,300.00	1,281.17	1,287.19	1,270.01	5.49	5.43	-109.21	-137.22	-164.12	199.28	187.49	11.79	16.900		
1,400.00	1,377.74	1,386.12	1,365.95	5.89	5.81	-109.41	-142.62	-187.70	213.83	201.28	12.55	17.038		
1,500.00	1,474.31	1,485.05	1,461.88	6.31	6.21	-109.58	-148.01	-211.27	228.38	215.04	13.34	17.122		
1,600.00	1,570.88	1,583.99	1,557.81	6.73	6.62	-109.73	-153.41	-234.85	242.94	228.79	14.15	17.166		
1,700.00	1,667.45	1,682.92	1,653.74	7.17	7.04	-109.87	-158.81	-258.42	257.49	242.51	14.99	17.181		
1,800.00	1,764.02	1,781.85	1,749.67	7.42	7.31	-109.99	-164.21	-282.00	272.05	256.77	15.28	17.801		
1,900.00	1,860.59	1,880.79	1,845.60	7.50	7.41	-110.10	-169.61	-305.57	286.61	271.33	15.28	18.758		
2,000.00	1,957.16	1,979.72	1,941.53	7.60	7.51	-110.20	-175.01	-329.15	301.17	285.69	15.47	19.463		
2,100.00	2,053.73	2,078.65	2,037.47	7.75	7.63	-110.29	-180.41	-352.72	315.73	300.00	15.73	20.073		
2,200.00	2,150.30	2,177.59	2,133.40	7.92	7.79	-110.37	-185.81	-376.30	330.29	314.25	16.04	20.590		
2,300.00	2,246.87	2,276.52	2,229.33	8.12	7.97	-110.45	-191.21	-399.87	344.85	328.44	16.41	21.018		
2,400.00	2,343.44	2,375.45	2,325.26	8.34	8.17	-110.52	-196.61	-423.45	359.41	342.59	16.82	21.362		
2,500.00	2,440.01	2,474.39	2,421.19	8.60	8.40	-110.58	-202.01	-447.02	373.97	356.69	17.29	21.632		
2,600.00	2,536.58	2,573.32	2,517.12	8.87	8.66	-110.64	-207.41	-470.60	388.54	370.74	17.79	21.835		
2,700.00	2,633.15	2,672.25	2,613.06	9.16	8.93	-110.69	-212.81	-494.17	403.10	384.76	18.34	21.980		
2,800.00	2,729.72	2,771.19	2,708.99	9.47	9.22	-110.75	-218.21	-517.75	417.66	398.74	18.92	22.074		
2,900.00	2,826.29	2,870.12	2,804.92	9.80	9.52	-110.79	-223.61	-541.32	432.23	412.69	19.53	22.126		
3,000.00	2,922.86	2,969.05	2,900.85	10.15	9.85	-110.84	-229.01	-564.90	446.79	426.61	20.18	22.143		
3,100.00	3,019.43	3,067.99	2,996.78	10.50	10.18	-110.88	-234.40	-588.47	461.35	440.51	20.85	22.130		
3,200.00	3,116.00	3,166.92	3,092.71	10.87	10.53	-110.92	-239.80	-612.05	475.92	454.38	21.54	22.094		
3,300.00	3,212.57	3,265.85	3,188.64	11.25	10.89	-110.95	-245.20	-635.62	490.48	468.23	22.26	22.038		
3,400.00	3,309.14	3,364.79	3,284.58	11.65	11.25	-110.99	-250.60	-659.20	505.05	482.06	22.99	21.967		
3,500.00	3,405.71	3,463.72	3,380.51	12.04	11.63	-111.02	-256.00	-682.77	519.61	495.87	23.74	21.884		
3,600.00	3,502.28	3,562.65	3,476.44	12.45	12.02	-111.05	-261.40	-706.35	534.18	509.66	24.51	21.792		
3,700.00	3,598.85	3,661.58	3,572.37	12.87	12.41	-111.08	-266.80	-729.92	548.74	523.45	25.30	21.692		
3,800.00	3,695.42	3,760.52	3,668.30	13.29	12.81	-111.11	-272.20	-753.50	563.31	537.21	26.09	21.588		
3,900.00	3,791.99	3,859.45	3,764.23	13.72	13.21	-111.13	-277.60	-777.07	577.87	550.97	26.90	21.481		
4,000.00	3,888.56	3,958.38	3,860.16	14.15	13.62	-111.16	-283.00	-800.65	592.44	564.72	27.72	21.371		
4,100.00	3,985.13	4,057.32	3,956.10	14.59	14.04	-111.18	-288.40	-824.22	607.00	578.45	28.55	21.260		
4,200.00	4,081.70	4,156.25	4,052.03	15.03	14.46	-111.21	-293.80	-847.80	621.57	592.18	29.39	21.148		
4,300.00	4,178.27	4,255.18	4,147.96	15.48	14.89	-111.23	-299.20	-871.37	636.14	605.90	30.24	21.037		
4,400.00	4,274.84	4,354.12	4,243.89	15.93	15.32	-111.25	-304.60	-894.95	650.70	619.61	31.09	20.927		
4,500.00	4,371.41	4,453.05	4,339.82	16.38	15.75	-111.27	-310.00	-918.52	665.27	633.31	31.96	20.819		
4,600.00	4,467.98	4,551.98	4,435.75	16.84	16.18	-111.29	-315.40	-942.10	679.83	647.01	32.82	20.711		
4,700.00	4,564.55	4,650.92	4,531.69	17.30	16.62	-111.30	-320.79	-965.67	694.40	660.70	33.70	20.606		
4,800.00	4,661.12	4,749.85	4,627.62	17.76	17.06	-111.32	-326.19	-989.25	708.97	674.39	34.58	20.503		
4,900.00	4,757.69	4,848.78	4,723.55	18.23	17.51	-111.34	-331.59	-1,012.82	723.53	688.07	35.46	20.402		
5,000.00	4,854.26	4,947.72	4,819.48	18.70	17.96	-111.35	-336.99	-1,036.40	738.10	701.75	36.35	20.303		
5,100.00	4,950.83	5,046.65	4,915.41	19.17	18.40	-111.37	-342.39	-1,059.97	752.67	715.42	37.25	20.206		
5,200.00	5,047.40	5,145.58	5,011.34	19.64	18.86	-111.38	-347.79	-1,083.55	767.23	729.08	38.15	20.112		
5,300.00	5,143.97	5,244.52	5,107.27	20.11	19.31	-111.40	-353.19	-1,107.12	781.80	742.75	39.05	20.021		
5,400.00	5,240.54	5,343.45	5,203.21	20.59	19.76	-111.41	-358.59	-1,130.70	796.37	756.41	39.96	19.931		
5,500.00	5,337.11	5,442.38	5,299.14	21.07	20.22	-111.43	-363.99	-1,154.27	810.93	770.07	40.86	19.844		
5,600.00	5,433.68	5,541.32	5,395.07	21.55	20.68	-111.44	-369.39	-1,177.85	825.50	783.72	41.78	19.760		
5,700.00	5,530.25	5,640.25	5,491.00	22.03	21.14	-111.45	-374.79	-1,201.42	840.07	797.37	42.69	19.678		
5,800.00	5,626.82	5,739.18	5,586.93	22.51	21.60	-111.46	-380.19	-1,225.00	854.63	811.02	43.61	19.597		
5,900.00	5,723.39	5,838.12	5,682.86	22.99	22.06	-111.47	-385.59	-1,248.57	869.20	824.67	44.53	19.520		
6,000.00	5,819.96	5,937.05	5,778.79	23.48	22.52	-111.49	-390.99	-1,272.15	883.77	838.31	45.45	19.444		
6,100.00	5,916.53	6,035.98	5,874.73	23.96	22.99	-111.50	-396.39	-1,295.72	898.33	851.95	46.38	19.370		
6,200.00	6,013.10	6,134.92	5,970.66	24.45	23.45	-111.51	-401.79	-1,319.30	912.90	865.59	47.30	19.298		
6,300.00	6,109.67	6,233.85	6,066.59	24.93	23.92	-111.52	-407.18	-1,342.87	927.47	879.23	48.23	19.229		
6,400.00	6,206.31	6,332.78	6,162.52	25.40	24.39	-114.35	-412.58	-1,366.44	942.03	892.88	49.14	19.169		

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1											Offset Site Error:		0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore	Centre	Between	Between	Minimum	Separation	Warning
Depth	Depth	Depth	Depth			Toolface	+N/-S	+E/-W	Centres	Ellipses	Separation	Factor	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
6,500.00	6,304.86	6,431.07	6,257.82	25.61	24.85	-149.11	-417.95	-1,389.87	956.35	906.54	49.81	19.198	
6,600.00	6,404.33	6,524.31	6,349.25	25.73	25.09	130.76	-423.15	-1,407.02	970.63	920.46	50.17	19.346	
6,700.00	6,502.26	6,619.63	6,444.25	25.80	25.21	107.62	-428.73	-1,410.67	985.08	934.69	50.38	19.552	
6,800.00	6,596.25	6,718.22	6,541.92	25.88	25.28	100.55	-434.62	-1,399.47	999.36	948.80	50.56	19.765	
6,900.00	6,683.99	6,820.54	6,640.19	26.01	25.34	97.37	-440.74	-1,372.04	1,013.14	962.34	50.80	19.945	
7,000.00	6,763.31	6,927.03	6,736.42	26.26	25.44	95.68	-446.94	-1,327.14	1,026.04	974.84	51.20	20.039	
7,100.00	6,832.26	7,038.01	6,827.28	26.67	25.66	94.75	-453.02	-1,263.97	1,037.67	985.75	51.91	19.989	
7,200.00	6,889.14	7,153.61	6,908.79	27.31	26.09	94.26	-458.77	-1,182.42	1,047.61	994.54	53.07	19.739	
7,300.00	6,932.56	7,273.67	6,976.42	28.20	26.86	94.07	-463.89	-1,083.55	1,055.49	1,000.63	54.86	19.240	
7,400.00	6,961.43	7,397.69	7,025.55	29.35	28.03	94.07	-468.08	-969.98	1,060.94	1,003.63	57.31	18.512	
7,500.00	6,975.06	7,524.70	7,052.15	30.72	29.62	94.21	-471.06	-846.04	1,063.67	1,003.28	60.40	17.611	
7,600.00	6,977.71	7,637.72	7,057.06	32.26	31.31	94.28	-472.63	-733.19	1,063.99	1,000.26	63.72	16.697	
7,700.00	6,979.94	7,737.72	7,059.02	33.99	32.99	94.26	-473.89	-633.21	1,064.01	996.80	67.21	15.830	
7,800.00	6,982.17	7,837.72	7,060.98	35.89	34.86	94.25	-475.14	-533.24	1,064.04	993.01	71.03	14.980	
7,900.00	6,984.40	7,937.72	7,062.93	37.94	36.87	94.23	-476.39	-433.27	1,064.07	988.95	75.12	14.165	
8,000.00	6,986.62	8,037.72	7,064.89	40.10	39.00	94.22	-477.64	-333.30	1,064.10	984.65	79.44	13.394	
8,100.00	6,988.85	8,137.72	7,066.84	42.36	41.25	94.20	-478.90	-233.32	1,064.13	980.16	83.97	12.673	
8,200.00	6,991.08	8,237.72	7,068.80	44.70	43.58	94.19	-480.15	-133.35	1,064.15	975.50	88.65	12.004	
8,300.00	6,993.31	8,337.71	7,070.76	47.12	45.98	94.17	-481.40	-33.38	1,064.18	970.70	93.48	11.384	
8,400.00	6,995.54	8,437.71	7,072.71	49.60	48.45	94.16	-482.66	66.60	1,064.21	965.78	98.43	10.812	
8,500.00	6,997.77	8,537.71	7,074.67	52.13	50.97	94.15	-483.91	166.57	1,064.24	960.75	103.48	10.284	
8,600.00	6,999.99	8,637.71	7,076.62	54.70	53.54	94.13	-485.16	266.54	1,064.26	955.64	108.62	9.798	
8,700.00	7,002.22	8,737.71	7,078.58	57.31	56.15	94.12	-486.41	366.51	1,064.29	950.45	113.84	9.349	
8,800.00	7,004.45	8,837.71	7,080.54	59.96	58.79	94.10	-487.67	466.49	1,064.32	945.20	119.12	8.935	
8,900.00	7,006.68	8,937.71	7,082.49	62.63	61.46	94.09	-488.92	566.46	1,064.35	939.89	124.46	8.552	
9,000.00	7,008.91	9,037.71	7,084.45	65.33	64.16	94.07	-490.17	666.43	1,064.38	934.52	129.85	8.197	
9,100.00	7,011.13	9,137.71	7,086.41	68.06	66.88	94.06	-491.42	766.40	1,064.41	929.11	135.29	7.868	
9,200.00	7,013.36	9,237.71	7,088.36	70.80	69.63	94.04	-492.68	866.38	1,064.43	923.67	140.77	7.562	
9,300.00	7,015.59	9,337.71	7,090.32	73.56	72.39	94.03	-493.93	966.35	1,064.46	918.18	146.28	7.277	
9,400.00	7,017.82	9,437.71	7,092.27	76.33	75.16	94.01	-495.18	1,066.32	1,064.49	912.67	151.82	7.012	
9,500.00	7,020.05	9,537.71	7,094.23	79.12	77.95	94.00	-496.43	1,166.29	1,064.52	907.13	157.39	6.764	
9,600.00	7,022.27	9,637.71	7,096.19	81.92	80.75	93.98	-497.69	1,266.27	1,064.55	901.56	162.99	6.532	
9,700.00	7,024.50	9,737.71	7,098.14	84.74	83.57	93.97	-498.94	1,366.24	1,064.58	895.97	168.60	6.314	
9,800.00	7,026.73	9,837.71	7,100.10	87.56	86.39	93.95	-500.19	1,466.21	1,064.61	890.36	174.24	6.110	
9,900.00	7,028.96	9,937.71	7,102.06	90.39	89.22	93.94	-501.44	1,566.18	1,064.64	884.74	179.90	5.918	
10,000.00	7,031.19	10,037.71	7,104.01	93.23	92.06	93.92	-502.70	1,666.16	1,064.66	879.09	185.57	5.737	
10,100.00	7,033.42	10,137.71	7,105.97	96.08	94.91	93.91	-503.95	1,766.13	1,064.69	873.43	191.26	5.567	
10,200.00	7,035.64	10,237.71	7,107.92	98.93	97.77	93.89	-505.20	1,866.10	1,064.72	867.76	196.96	5.406	
10,300.00	7,037.87	10,337.71	7,109.88	101.80	100.63	93.88	-506.45	1,966.08	1,064.75	862.07	202.68	5.253	
10,400.00	7,040.10	10,437.71	7,111.84	104.66	103.50	93.86	-507.71	2,066.05	1,064.78	856.37	208.41	5.109	
10,500.00	7,042.33	10,537.71	7,113.79	107.54	106.38	93.85	-508.96	2,166.02	1,064.81	850.66	214.15	4.972	
10,600.00	7,044.56	10,637.71	7,115.75	110.41	109.25	93.83	-510.21	2,265.99	1,064.84	844.95	219.90	4.842	
10,700.00	7,046.78	10,737.71	7,117.71	113.30	112.14	93.82	-511.46	2,365.97	1,064.87	839.22	225.65	4.719	
10,800.00	7,049.01	10,837.71	7,119.66	116.18	115.03	93.81	-512.72	2,465.94	1,064.90	833.48	231.42	4.602	
10,900.00	7,051.24	10,937.71	7,121.62	119.07	117.92	93.79	-513.97	2,565.91	1,064.93	827.74	237.19	4.490	
11,000.00	7,053.47	11,037.70	7,123.57	121.97	120.81	93.78	-515.22	2,665.88	1,064.96	821.98	242.98	4.383	
11,100.00	7,055.70	11,137.70	7,125.53	124.86	123.71	93.76	-516.47	2,765.86	1,064.99	816.22	248.76	4.281	
11,200.00	7,057.93	11,237.70	7,127.49	127.76	126.61	93.75	-517.73	2,865.83	1,065.02	810.46	254.56	4.184	
11,300.00	7,060.15	11,337.70	7,129.44	130.67	129.52	93.73	-518.98	2,965.80	1,065.05	804.69	260.36	4.091	
11,400.00	7,062.38	11,437.70	7,131.40	133.57	132.42	93.72	-520.23	3,065.77	1,065.08	798.91	266.17	4.002	
11,500.00	7,064.61	11,537.70	7,133.35	136.48	135.33	93.70	-521.48	3,165.75	1,065.11	793.13	271.98	3.916	
11,600.00	7,066.84	11,637.70	7,135.31	139.39	138.25	93.69	-522.74	3,265.72	1,065.14	787.34	277.80	3.834	
11,700.00	7,069.07	11,737.70	7,137.27	142.31	141.16	93.67	-523.99	3,365.69	1,065.17	781.55	283.62	3.756	
11,800.00	7,071.29	11,844.78	7,139.36	145.22	144.28	93.66	-525.12	3,472.74	1,065.01	775.37	289.64	3.677	
11,900.00	7,073.52	11,944.77	7,141.32	148.14	147.19	93.64	-525.71	3,572.72	1,064.38	768.91	295.47	3.602	
12,000.00	7,075.75	12,044.77	7,143.28	151.06	150.11	93.63	-526.30	3,672.69	1,063.75	762.45	301.30	3.531	
12,100.00	7,077.98	12,144.77	7,145.24	153.98	153.03	93.62	-526.88	3,772.67	1,063.11	755.98	307.13	3.461	
12,200.00	7,080.21	12,244.77	7,147.19	156.90	155.95	93.61	-527.47	3,872.65	1,062.48	749.51	312.97	3.395	
12,300.00	7,082.43	12,344.77	7,149.15	159.83	158.88	93.60	-528.06	3,972.62	1,061.84	743.03	318.82	3.331	
12,400.00	7,084.66	12,444.76	7,151.11	162.75	161.80	93.58	-528.64	4,072.60	1,061.21	736.55	324.66	3.269	
12,500.00	7,086.89	12,544.76	7,153.07	165.68	164.73	93.57	-529.23	4,172.58	1,060.58	730.07	330.51	3.209	
12,600.00	7,089.12	12,644.76	7,155.03	168.61	167.66	93.56	-529.82	4,272.55	1,059.94	723.58	336.36	3.151	
12,700.00	7,091.35	12,744.76	7,156.98	171.54	170.59	93.55	-530.40	4,372.53	1,059.31	717.10	342.21	3.095	
12,800.00	7,093.58	12,844.75	7,158.94	174.47	173.52	93.53	-530.99	4,472.51	1,058.68	710.61	348.07	3.042	
12,900.00	7,095.80	12,944.75	7,160.90	177.40	176.45	93.52	-531.58	4,5					

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,100.26	13,144.75	7,164.82	183.27	182.32	93.50	-532.75	4,772.44	1,056.78	691.12	365.65	2.890	
13,200.00	7,102.49	13,244.75	7,166.77	186.21	185.25	93.48	-533.34	4,872.42	1,056.14	684.63	371.52	2.843	
13,300.00	7,104.72	13,344.74	7,168.73	189.14	188.19	93.47	-533.92	4,972.39	1,055.51	678.12	377.39	2.797	
13,400.00	7,106.94	13,444.74	7,170.69	192.08	191.12	93.46	-534.51	5,072.37	1,054.88	671.62	383.25	2.752	
13,500.00	7,109.17	13,544.74	7,172.65	195.02	194.06	93.44	-535.10	5,172.35	1,054.24	665.12	389.13	2.709	
13,600.00	7,111.40	13,644.74	7,174.60	197.96	197.00	93.43	-535.68	5,272.32	1,053.61	658.61	395.00	2.667	
13,700.00	7,113.63	13,744.73	7,176.56	200.90	199.94	93.42	-536.27	5,372.30	1,052.98	652.11	400.87	2.627	
13,800.00	7,115.86	13,844.73	7,178.52	203.84	202.88	93.41	-536.86	5,472.28	1,052.35	645.60	406.75	2.587	
13,900.00	7,118.09	13,944.73	7,180.48	206.78	205.82	93.39	-537.45	5,572.25	1,051.71	639.09	412.63	2.549	
14,000.00	7,120.31	14,044.73	7,182.44	209.72	208.76	93.38	-538.03	5,672.23	1,051.08	632.57	418.51	2.512	
14,100.00	7,122.54	14,144.72	7,184.39	212.67	211.70	93.37	-538.62	5,772.21	1,050.45	626.06	424.39	2.475	
14,200.00	7,124.77	14,244.72	7,186.35	215.61	214.64	93.36	-539.21	5,872.18	1,049.81	619.55	430.27	2.440	
14,300.00	7,127.00	14,344.72	7,188.31	218.55	217.59	93.34	-539.79	5,972.16	1,049.18	613.03	436.15	2.406	
14,400.00	7,129.23	14,444.72	7,190.27	221.50	220.53	93.33	-540.38	6,072.14	1,048.55	606.51	442.04	2.372	
14,500.00	7,131.45	14,544.72	7,192.23	224.44	223.47	93.32	-540.97	6,172.11	1,047.92	599.99	447.92	2.340	
14,600.00	7,133.68	14,644.71	7,194.18	227.39	226.42	93.30	-541.55	6,272.09	1,047.28	593.47	453.81	2.308	
14,700.00	7,135.91	14,744.71	7,196.14	230.33	229.36	93.29	-542.14	6,372.07	1,046.65	586.95	459.70	2.277	
14,800.00	7,138.14	14,844.71	7,198.10	233.28	232.31	93.28	-542.73	6,472.05	1,046.02	580.43	465.59	2.247	
14,900.00	7,140.37	14,944.71	7,200.06	236.23	235.26	93.27	-543.31	6,572.02	1,045.39	573.91	471.48	2.217	
15,000.00	7,142.59	15,044.70	7,202.02	239.18	238.20	93.25	-543.90	6,672.00	1,044.75	567.39	477.37	2.189	
15,100.00	7,144.82	15,144.70	7,203.97	242.12	241.15	93.24	-544.49	6,771.98	1,044.12	560.86	483.26	2.161	
15,200.00	7,147.05	15,244.70	7,205.93	245.07	244.10	93.23	-545.07	6,871.95	1,043.49	554.34	489.15	2.133	
15,300.00	7,149.28	15,344.70	7,207.89	248.02	247.04	93.21	-545.66	6,971.93	1,042.86	547.81	495.05	2.107	
15,400.00	7,151.51	15,444.70	7,209.85	250.97	249.99	93.20	-546.25	7,071.91	1,042.23	541.28	500.94	2.081	
15,500.00	7,153.74	15,544.69	7,211.80	253.92	252.94	93.19	-546.83	7,171.88	1,041.59	534.75	506.84	2.055	
15,600.00	7,155.96	15,644.69	7,213.76	256.87	255.89	93.18	-547.42	7,271.86	1,040.96	528.23	512.74	2.030	
15,700.00	7,158.19	15,744.69	7,215.72	259.82	258.84	93.16	-548.01	7,371.84	1,040.33	521.70	518.63	2.006	
15,800.00	7,160.42	15,844.69	7,217.68	262.77	261.79	93.15	-548.60	7,471.81	1,039.70	515.17	524.53	1.982	
15,900.00	7,162.65	15,944.68	7,219.64	265.72	264.74	93.14	-549.18	7,571.79	1,039.07	508.63	530.43	1.959	
16,000.00	7,164.88	16,044.68	7,221.59	268.67	267.69	93.12	-549.77	7,671.77	1,038.43	502.10	536.33	1.936	
16,100.00	7,167.10	16,144.68	7,223.55	271.63	270.64	93.11	-550.36	7,771.74	1,037.80	495.57	542.23	1.914	
16,200.00	7,169.33	16,244.68	7,225.51	274.58	273.59	93.10	-550.94	7,871.72	1,037.17	489.04	548.13	1.892	
16,300.00	7,171.56	16,344.67	7,227.47	277.53	276.54	93.08	-551.53	7,971.70	1,036.54	482.50	554.04	1.871	
16,400.00	7,173.79	16,444.67	7,229.43	280.48	279.49	93.07	-552.12	8,071.67	1,035.91	475.97	559.94	1.850	
16,500.00	7,176.02	16,544.67	7,231.38	283.44	282.44	93.06	-552.70	8,171.65	1,035.28	469.43	565.84	1.830	
16,600.00	7,178.24	16,644.67	7,233.34	286.39	285.40	93.05	-553.29	8,271.63	1,034.64	462.90	571.75	1.810	
16,700.00	7,180.47	16,744.67	7,235.30	289.34	288.35	93.03	-553.88	8,371.61	1,034.01	456.36	577.65	1.790	
16,800.00	7,182.70	16,844.66	7,237.26	292.30	291.30	93.02	-554.46	8,471.58	1,033.38	449.83	583.56	1.771	
16,900.00	7,184.93	16,944.66	7,239.22	295.25	294.25	93.01	-555.05	8,571.56	1,032.75	443.29	589.46	1.752	
17,000.00	7,187.16	17,044.66	7,241.17	298.20	297.21	92.99	-555.64	8,671.54	1,032.12	436.75	595.37	1.734	
17,100.00	7,189.39	17,144.66	7,243.13	301.16	300.16	92.98	-556.22	8,771.51	1,031.49	430.21	601.28	1.716	
17,200.00	7,191.61	17,244.65	7,245.09	304.11	303.11	92.97	-556.81	8,871.49	1,030.86	423.67	607.18	1.698	
17,300.00	7,193.84	17,344.65	7,247.05	307.07	306.07	92.95	-557.40	8,971.47	1,030.23	417.13	613.09	1.680	
17,400.00	7,196.07	17,444.65	7,249.01	310.02	309.02	92.94	-557.98	9,071.44	1,029.59	410.59	619.00	1.663	
17,486.62	7,198.00	17,531.27	7,250.70	312.58	311.58	92.93	-558.49	9,158.04	1,029.05	404.93	624.12	1.649 SF	

Offset Design5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	47.37	779.24	846.42	1,150.82				
100.00	100.00	71.10	71.10	3.28	3.28	47.38	779.03	846.70	1,150.56	1,143.21	7.35	156.445	
200.00	200.00	173.07	173.07	3.30	3.29	47.45	778.17	847.68	1,150.70	1,143.32	7.38	155.821	
300.00	300.00	285.61	285.59	3.34	3.32	116.93	776.91	848.13	1,150.44	1,142.99	7.45	154.325	
400.00	399.93	405.05	405.00	3.41	3.37	117.16	774.80	846.94	1,150.11	1,142.55	7.56	152.068	
448.92	448.76	458.43	458.36	3.45	3.40	117.31	773.81	845.71	1,150.02	1,142.39	7.63	150.733	
500.00	499.68	514.60	514.49	3.50	3.43	117.48	772.82	844.02	1,150.12	1,142.41	7.71	149.226	
600.00	599.13	612.04	611.87	3.61	3.50	117.84	771.60	840.56	1,151.50	1,143.62	7.88	146.042	
700.00	698.15	709.15	708.90	3.75	3.58	118.27	770.95	836.80	1,154.72	1,146.62	8.10	142.527	
800.00	796.63	808.19	807.87	3.93	3.67	118.83	770.38	833.00	1,159.81	1,151.44	8.36	138.676	
900.00	894.44	902.46	902.08	4.16	3.76	119.48	769.72	829.72	1,166.95	1,158.28	8.67	134.619	
1,000.00	991.46	999.48	999.05	4.44	3.87	120.26	768.75	826.81	1,176.27	1,167.24	9.03	130.310	
1,100.00	1,088.03	1,096.63	1,096.15	4.76	3.98	121.27	767.65	824.03	1,186.89	1,177.46	9.43	125.900	
1,200.00	1,184.60	1,196.07	1,195.55	5.11	4.11	122.30	766.46	821.11	1,197.80	1,187.94	9.86	121.487	
7,800.00	6,982.17	6,969.42	6,965.31	35.89	15.37	-86.42	823.03	645.63	1,187.99	1,151.93	36.06	32.942	
7,900.00	6,984.40	6,969.86	6,965.75	37.94	15.37	-86.52	823.05	645.62	1,090.47	1,053.97	36.49	29.881	
8,000.00	6,986.62	6,970.31	6,966.20	40.10	15.37	-86.62	823.07	645.61	993.43	956.35	37.09	26.787	
8,100.00	6,988.85	6,970.76	6,966.65	42.36	15.37	-86.72	823.09	645.61	897.05	859.14	37.91	23.665	
8,200.00	6,991.08	6,971.21	6,967.10	44.70	15.37	-86.82	823.11	645.60	801.56	762.50	39.05	20.524	
8,300.00	6,993.31	6,971.67	6,967.56	47.12	15.37	-86.93	823.13	645.59	707.31	666.63	40.68	17.387	
8,400.00	6,995.54	6,972.14	6,968.03	49.60	15.37	-87.03	823.15	645.58	614.88	571.87	43.01	14.296	
8,500.00	6,997.77	6,972.60	6,968.49	52.13	15.37	-87.14	823.17	645.57	525.23	478.84	46.39	11.322	
8,600.00	6,999.99	6,973.08	6,968.96	54.70	15.38	-87.25	823.19	645.57	440.07	388.75	51.32	8.575	
8,700.00	7,002.22	6,973.55	6,969.44	57.31	15.38	-87.36	823.21	645.56	362.56	304.17	58.40	6.209	
8,800.00	7,004.45	6,974.03	6,969.92	59.96	15.38	-87.47	823.23	645.55	298.73	231.01	67.73	4.411	
8,900.00	7,006.68	6,974.52	6,970.40	62.63	15.38	-87.58	823.25	645.54	258.90	181.93	76.98	3.363	
8,961.05	7,008.04	6,974.81	6,970.70	64.28	15.38	-87.64	823.26	645.54	251.60	171.56	80.04	3.143 CC, ES, SF	
9,000.00	7,008.91	6,975.01	6,970.89	65.33	15.38	-87.69	823.27	645.53	254.60	174.32	80.28	3.171	
9,100.00	7,011.13	6,975.50	6,971.39	68.06	15.38	-87.80	823.29	645.52	287.42	211.71	75.71	3.796	
9,200.00	7,013.36	6,976.00	6,971.88	70.80	15.38	-87.91	823.31	645.52	346.98	278.69	68.30	5.081	
9,300.00	7,015.59	6,976.50	6,972.39	73.56	15.38	-88.03	823.33	645.51	422.12	360.43	61.69	6.843	
9,400.00	7,017.82	6,977.01	6,972.89	76.33	15.38	-88.14	823.35	645.50	505.94	449.30	56.64	8.933	
9,500.00	7,020.05	6,977.52	6,973.41	79.12	15.39	-88.26	823.37	645.49	594.78	541.88	52.90	11.244	
9,600.00	7,022.27	6,978.04	6,973.92	81.92	15.39	-88.38	823.39	645.48	686.69	636.58	50.11	13.703	
9,700.00	7,024.50	6,978.56	6,974.45	84.74	15.39	-88.50	823.41	645.47	780.60	732.59	48.01	16.260	
9,800.00	7,026.73	6,979.09	6,974.97	87.56	15.39	-88.62	823.43	645.46	875.85	829.47	46.38	18.883	
9,900.00	7,028.96	6,979.62	6,975.51	90.39	15.39	-88.74	823.46	645.46	972.06	926.95	45.11	21.550	
10,000.00	7,031.19	6,980.16	6,976.04	93.23	15.39	-88.86	823.48	645.45	1,068.96	1,024.87	44.09	24.245	
10,100.00	7,033.42	6,980.71	6,976.59	96.08	15.39	-88.99	823.50	645.44	1,166.39	1,123.12	43.27	26.957	

Offset Design		5N-66W-07 Offsets - NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							
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	48.92	742.82	851.99	1,130.64				
100.00	100.00	76.80	76.80	3.28	3.28	48.92	742.69	851.97	1,130.25	1,122.89	7.35	153.680	
200.00	200.00	175.56	175.56	3.30	3.29	48.92	742.48	851.84	1,130.00	1,122.62	7.39	153.007	
212.99	212.99	188.20	188.20	3.31	3.29	118.32	742.49	851.81	1,129.99	1,122.60	7.39	152.869	CC
300.00	300.00	278.38	278.38	3.34	3.32	118.33	742.58	851.47	1,130.01	1,122.56	7.45	151.618	
400.00	399.93	378.75	378.75	3.41	3.36	118.45	742.44	851.00	1,131.22	1,123.67	7.55	149.756	
500.00	499.68	477.63	477.62	3.50	3.41	118.71	742.18	850.72	1,134.18	1,126.49	7.69	147.475	
600.00	599.13	570.12	570.11	3.61	3.47	119.06	741.91	850.82	1,139.15	1,131.29	7.86	144.926	
700.00	698.15	669.10	669.09	3.75	3.54	119.54	742.07	851.19	1,146.40	1,138.33	8.07	142.021	
800.00	796.63	769.09	769.08	3.93	3.62	120.16	741.84	851.60	1,155.31	1,146.99	8.33	138.729	
900.00	894.44	866.43	866.43	4.16	3.72	120.86	741.64	851.93	1,166.19	1,157.56	8.63	135.163	
1,000.00	991.46	963.00	962.99	4.44	3.82	121.62	741.64	852.16	1,179.21	1,170.24	8.98	131.354	
1,100.00	1,088.03	1,059.89	1,059.89	4.76	3.93	122.64	742.02	852.13	1,193.57	1,184.21	9.37	127.412	
9,000.00	7,008.91	7,312.25	7,064.28	65.33	18.80	93.76	-573.76	947.38	1,178.52	1,098.61	79.90	14.749	
9,100.00	7,011.13	7,307.51	7,059.55	68.06	18.79	93.53	-574.02	947.69	1,158.68	1,075.05	83.63	13.855	
9,200.00	7,013.36	7,302.75	7,054.82	70.80	18.78	93.29	-574.28	948.00	1,147.23	1,060.16	87.07	13.176	
9,282.28	7,015.20	7,298.89	7,050.97	73.07	18.78	93.10	-574.49	948.26	1,144.28	1,054.68	89.60	12.770	
9,300.00	7,015.59	7,298.08	7,050.16	73.56	18.78	93.05	-574.54	948.31	1,144.42	1,054.31	90.11	12.700	ES
9,400.00	7,017.82	7,293.56	7,045.66	76.33	18.77	92.83	-574.79	948.61	1,150.31	1,057.64	92.67	12.413	
9,500.00	7,020.05	7,289.09	7,041.20	79.12	18.76	92.60	-575.03	948.90	1,164.77	1,070.06	94.71	12.299	SF
9,600.00	7,022.27	7,284.66	7,036.79	81.92	18.75	92.38	-575.27	949.19	1,187.49	1,091.29	96.20	12.344	

Offset Design 5N-66W-07 Offsets - STEPHENS 7-11 - SRC Energy PR Well - Actual VES Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,900.00	7,051.24	7,043.53	7,037.29	119.07	15.43	-97.63	746.92	3,731.86	1,169.47	1,124.61	44.86	26.067		
11,000.00	7,053.47	7,039.67	7,033.44	121.97	15.42	-96.61	746.69	3,732.07	1,071.31	1,024.55	46.77	22.907		
11,100.00	7,055.70	7,035.86	7,029.65	124.86	15.41	-95.61	746.47	3,732.29	973.52	924.37	49.15	19.808		
11,200.00	7,057.93	7,032.12	7,025.92	127.76	15.40	-94.61	746.25	3,732.50	876.20	824.04	52.16	16.797		
11,300.00	7,060.15	7,028.44	7,022.25	130.67	15.39	-93.62	746.03	3,732.71	779.55	723.50	56.05	13.908		
11,400.00	7,062.38	7,024.82	7,018.64	133.57	15.39	-92.65	745.82	3,732.91	683.84	622.68	61.16	11.182		
11,500.00	7,064.61	7,021.25	7,015.09	136.48	15.38	-91.69	745.60	3,733.11	589.54	521.52	68.02	8.667		
11,600.00	7,066.84	7,017.74	7,011.59	139.39	15.37	-90.74	745.39	3,733.30	497.44	419.94	77.50	6.418		
11,700.00	7,069.07	7,014.29	7,008.14	142.31	15.36	-89.80	745.19	3,733.49	409.05	318.09	90.96	4.497		
11,800.00	7,071.29	7,010.88	7,004.75	145.22	15.36	-88.87	744.99	3,733.67	327.36	217.07	110.29	2.968		
11,900.00	7,073.52	7,007.53	7,001.41	148.14	15.35	-87.96	744.79	3,733.86	258.83	122.23	136.60	1.895		
12,000.00	7,075.75	7,004.23	6,998.12	151.06	15.34	-87.06	744.59	3,734.04	216.33	53.77	162.56	1.331	Level 3	
12,051.09	7,076.89	7,002.56	6,996.46	152.55	15.34	-86.61	744.49	3,734.13	210.21	41.95	168.26	1.249	Level 2, CC, ES, SF	
12,100.00	7,077.98	7,000.98	6,994.88	153.98	15.34	-86.18	744.40	3,734.21	215.82	50.03	165.79	1.302	Level 3	
12,200.00	7,080.21	6,997.82	6,991.73	156.90	15.33	-85.32	744.21	3,734.38	257.57	113.15	144.41	1.784		
12,300.00	7,082.43	6,994.73	6,988.65	159.83	15.32	-84.48	744.02	3,734.54	325.70	205.50	120.20	2.710		
12,400.00	7,084.66	6,991.69	6,985.62	162.75	15.32	-83.65	743.84	3,734.71	407.19	305.44	101.75	4.002		
12,500.00	7,086.89	6,988.70	6,982.64	165.68	15.31	-82.84	743.67	3,734.86	495.49	406.82	88.67	5.588		
12,600.00	7,089.12	6,985.75	6,979.70	168.61	15.30	-82.04	743.49	3,735.02	587.53	508.22	79.31	7.408		
12,700.00	7,091.35	6,982.85	6,976.81	171.54	15.30	-81.26	743.32	3,735.17	681.81	609.36	72.44	9.411		
12,800.00	7,093.58	6,979.99	6,973.96	174.47	15.29	-80.48	743.15	3,735.32	777.50	710.23	67.27	11.558		
12,900.00	7,095.80	6,977.18	6,971.16	177.40	15.29	-79.73	742.99	3,735.47	874.15	810.88	63.27	13.815		
13,000.00	7,098.03	6,974.41	6,968.39	180.34	15.28	-78.99	742.83	3,735.61	971.47	911.35	60.13	16.157		
13,100.00	7,100.26	6,971.68	6,965.67	183.27	15.27	-78.26	742.67	3,735.75	1,069.28	1,011.68	57.60	18.564		
13,200.00	7,102.49	6,968.99	6,962.99	186.21	15.27	-77.54	742.52	3,735.89	1,167.45	1,111.90	55.55	21.018		

Offset Design		5N-66W-07 Offsets - STEPHENS 7-12 - SRC Energy SI Well - Actual VES Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7000-SRC Energy_2" CONE_2.448										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (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	
9,300.00	7,015.59	7,033.52	7,026.38	73.56	15.76	-102.78	717.57	2,094.06	1,124.68	1,086.72	37.96	29.628	
9,400.00	7,017.82	7,029.57	7,022.44	76.33	15.73	-101.47	717.39	2,094.30	1,025.89	987.21	38.69	26.519	
9,500.00	7,020.05	7,025.62	7,018.50	79.12	15.69	-100.14	717.22	2,094.55	927.35	887.70	39.65	23.388	
9,600.00	7,022.27	7,021.67	7,014.56	81.92	15.66	-98.80	717.05	2,094.79	829.13	788.18	40.95	20.245	
9,700.00	7,024.50	7,017.72	7,010.62	84.74	15.63	-97.45	716.88	2,095.03	731.38	688.63	42.75	17.107	
9,800.00	7,026.73	7,013.76	7,006.68	87.56	15.60	-96.08	716.71	2,095.27	634.31	589.01	45.30	14.003	
9,900.00	7,028.96	7,009.81	7,002.74	90.39	15.52	-94.71	716.53	2,095.51	538.28	489.34	48.94	10.998	
10,000.00	7,031.19	7,005.86	6,998.80	93.23	15.51	-93.32	716.36	2,095.76	443.97	389.42	54.55	8.139	
10,100.00	7,033.42	7,001.91	6,994.86	96.08	15.50	-91.93	716.19	2,096.00	352.76	289.41	63.35	5.568	
10,200.00	7,035.64	7,002.04	6,990.92	98.93	15.51	-90.54	716.02	2,096.24	267.85	190.15	77.69	3.448	
10,300.00	7,037.87	6,994.01	6,986.98	101.80	15.48	-89.14	715.84	2,096.48	197.51	97.62	99.89	1.977	
10,400.00	7,040.10	6,990.06	6,983.04	104.66	15.47	-87.74	715.67	2,096.72	162.02	41.92	120.10	1.349	Level 3
10,413.90	7,040.41	6,989.51	6,982.49	105.06	15.47	-87.54	715.65	2,096.76	161.42	40.56	120.86	1.336	Level 3, CC, ES, SF
10,500.00	7,042.33	6,986.10	6,979.10	107.54	15.46	-86.34	715.50	2,096.97	182.92	71.77	111.14	1.646	
10,600.00	7,044.56	6,982.15	6,975.16	110.41	15.45	-84.94	715.33	2,097.21	246.24	156.54	89.70	2.745	
10,700.00	7,046.78	6,978.20	6,971.22	113.30	15.44	-83.54	715.16	2,097.45	328.30	254.19	74.11	4.430	
10,800.00	7,049.01	6,974.25	6,967.27	116.18	15.43	-82.15	714.98	2,097.69	418.20	353.97	64.24	6.510	
10,900.00	7,051.24	6,970.30	6,963.33	119.07	15.43	-80.76	714.81	2,097.93	511.84	454.00	57.84	8.850	
11,000.00	7,053.47	6,966.34	6,959.39	121.97	15.42	-79.38	714.64	2,098.18	607.48	553.98	53.50	11.355	
11,100.00	7,055.70	6,962.39	6,955.45	124.86	15.41	-78.02	714.47	2,098.42	704.31	653.87	50.44	13.964	
11,200.00	7,057.93	6,958.44	6,951.51	127.76	15.40	-76.66	714.29	2,098.66	801.90	753.70	48.20	16.636	
11,300.00	7,060.15	6,954.49	6,947.57	130.67	15.39	-75.31	714.12	2,098.90	900.00	853.48	46.52	19.345	
11,400.00	7,062.38	6,950.54	6,943.63	133.57	15.38	-73.98	713.95	2,099.14	998.46	953.23	45.24	22.073	
11,500.00	7,064.61	6,946.59	6,939.69	136.48	15.37	-72.66	713.78	2,099.39	1,097.19	1,052.96	44.23	24.807	
11,600.00	7,066.84	6,942.63	6,935.75	139.39	15.36	-71.36	713.60	2,099.63	1,196.11	1,152.68	43.43	27.541	

Offset Design		5N-66W-07 Offsets - STEPHENS 7-13 - SRC Energy SI Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7350-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)				
9,700.00	7,024.50	7,045.66	7,038.18	84.74	15.51	93.90	-295.28	2,170.79	1,168.82	1,090.04	78.78	14.836			
9,800.00	7,026.73	7,041.10	7,033.64	87.56	15.50	93.59	-295.41	2,171.09	1,102.64	1,018.23	84.40	13.064			
9,900.00	7,028.96	7,036.64	7,029.18	90.39	15.50	93.29	-295.53	2,171.38	1,041.84	951.42	90.42	11.522			
10,000.00	7,031.19	7,032.25	7,024.81	93.23	15.49	93.00	-295.65	2,171.66	987.43	890.71	96.72	10.209			
10,100.00	7,033.42	7,027.95	7,020.52	96.08	15.48	92.71	-295.77	2,171.94	940.52	837.40	103.12	9.121			
10,200.00	7,035.64	7,023.73	7,016.31	98.93	15.47	92.42	-295.89	2,172.21	902.27	792.93	109.33	8.252			
10,300.00	7,037.87	7,019.59	7,012.18	101.80	15.46	92.14	-296.01	2,172.47	873.82	758.79	115.04	7.596			
10,400.00	7,040.10	7,015.53	7,008.13	104.66	15.45	91.87	-296.12	2,172.73	856.16	736.31	119.85	7.144			
10,500.00	7,042.33	7,011.54	7,004.15	107.54	15.44	91.60	-296.24	2,172.98	849.96	726.50	123.45	6.885			
10,503.02	7,042.40	7,011.42	7,004.03	107.62	15.44	91.59	-296.24	2,172.99	849.95	726.41	123.54	6.880	CC, ES		
10,600.00	7,044.56	7,008.09	7,000.71	110.41	15.43	91.37	-296.34	2,173.20	855.45	729.82	125.63	6.809	SF		
10,700.00	7,046.78	7,004.08	6,996.71	113.30	15.43	91.10	-296.45	2,173.44	872.44	746.08	126.36	6.905			
10,800.00	7,049.01	6,999.98	6,992.62	116.18	15.42	90.82	-296.57	2,173.70	900.26	774.50	125.76	7.159			
10,900.00	7,051.24	6,995.80	6,988.45	119.07	15.41	90.54	-296.69	2,173.95	937.96	813.87	124.09	7.559			
11,000.00	7,053.47	6,991.53	6,984.19	121.97	15.40	90.25	-296.81	2,174.22	984.39	862.75	121.63	8.093			
11,100.00	7,055.70	6,987.17	6,979.83	124.86	15.39	89.96	-296.94	2,174.49	1,038.38	919.70	118.68	8.750			
11,200.00	7,057.93	6,982.71	6,975.39	127.76	15.38	89.66	-297.07	2,174.77	1,098.82	983.37	115.45	9.518			
11,300.00	7,060.15	6,978.15	6,970.84	130.67	15.37	89.35	-297.20	2,175.06	1,164.71	1,052.58	112.14	10.386			

Offset Design		5N-66W-07 Offsets - STEPHENS 7-14 - SRC Energy SI Well - Actual VES Surveys											Offset Site Error:		0.00 usft	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7350-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
11,100.00	7,055.70	6,979.31	6,976.95	124.86	15.32	89.26	-443.70	3,395.85	1,165.49	1,044.02	121.47	9.595				
11,200.00	7,057.93	6,981.27	6,978.91	127.76	15.33	89.37	-443.70	3,395.85	1,114.88	986.19	128.68	8.664				
11,300.00	7,060.15	6,983.24	6,980.88	130.67	15.33	89.49	-443.70	3,395.85	1,071.22	935.40	135.83	7.887				
11,400.00	7,062.38	6,985.21	6,982.85	133.57	15.34	89.60	-443.70	3,395.85	1,035.42	892.77	142.64	7.259				
11,500.00	7,064.61	6,987.18	6,984.82	136.48	15.34	89.72	-443.70	3,395.85	1,008.29	859.47	148.82	6.775				
11,600.00	7,066.84	6,989.15	6,986.79	139.39	15.34	89.83	-443.70	3,395.85	990.55	836.51	154.04	6.430				
11,700.00	7,069.07	6,991.13	6,988.77	142.31	15.35	89.95	-443.70	3,395.85	982.71	824.68	158.04	6.218				
11,727.34	7,069.68	6,991.67	6,989.31	143.10	15.35	89.98	-443.70	3,395.85	982.33	823.45	158.89	6.183 CC, ES				
11,800.00	7,071.29	6,993.11	6,990.75	145.22	15.35	90.06	-443.70	3,395.84	985.02	824.40	160.62	6.133 SF				
11,900.00	7,073.52	6,995.10	6,992.74	148.14	15.36	90.18	-443.70	3,395.84	997.39	835.66	161.73	6.167				
12,000.00	7,075.75	6,997.09	6,994.73	151.06	15.36	90.29	-443.70	3,395.84	1,019.46	858.02	161.44	6.315				
12,100.00	7,077.98	6,999.08	6,996.72	153.98	15.36	90.41	-443.70	3,395.84	1,050.62	890.69	159.92	6.570				
12,200.00	7,080.21	7,001.16	6,998.80	156.90	15.37	90.53	-443.71	3,395.84	1,090.09	932.65	157.43	6.924				
12,300.00	7,082.43	7,003.32	7,000.96	159.83	15.37	90.66	-443.71	3,395.84	1,137.00	982.78	154.22	7.372				
12,400.00	7,084.66	7,005.49	7,003.13	162.75	15.38	90.78	-443.71	3,395.84	1,190.48	1,039.94	150.54	7.908				

Offset Design 5N-66W-07 Offsets - STEPHENS 7-15 - SRC Energy SI Well - Actual VES Surveys											Offset Site Error:		0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7400-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,037.87	7,053.37	6,986.75	101.80	15.63	89.98	24.25	3,008.07	1,156.86	1,092.30	64.56	17.919		
10,400.00	7,040.10	7,053.95	6,987.33	104.66	15.63	90.05	24.26	3,008.06	1,068.43	999.05	69.39	15.398		
10,500.00	7,042.33	7,054.52	6,987.91	107.54	15.63	90.11	24.27	3,008.05	982.23	907.20	75.03	13.092		
10,600.00	7,044.56	7,055.10	6,988.48	110.41	15.63	90.17	24.27	3,008.04	898.89	817.26	81.63	11.012		
10,700.00	7,046.78	7,055.68	6,989.06	113.30	15.64	90.24	24.28	3,008.03	819.28	729.96	89.33	9.172		
10,800.00	7,049.01	7,056.26	6,989.64	116.18	15.64	90.30	24.28	3,008.02	744.62	646.38	98.23	7.580		
10,900.00	7,051.24	7,056.83	6,990.21	119.07	15.64	90.36	24.29	3,008.01	676.52	568.21	108.31	6.246		
11,000.00	7,053.47	7,057.41	6,990.79	121.97	15.64	90.43	24.30	3,008.00	617.17	497.91	119.27	5.175		
11,100.00	7,055.70	7,057.98	6,991.36	124.86	15.64	90.49	24.30	3,007.99	569.32	439.02	130.30	4.369		
11,200.00	7,057.93	7,058.55	6,991.93	127.76	15.64	90.55	24.31	3,007.98	536.05	396.04	140.00	3.829		
11,300.00	7,060.15	7,059.13	6,992.51	130.67	15.64	90.62	24.32	3,007.98	520.16	373.58	146.58	3.549		
11,333.89	7,060.91	7,059.32	6,992.70	131.65	15.64	90.64	24.32	3,007.97	519.06	371.22	147.83	3.511	CC, ES, SF	
11,400.00	7,062.38	7,059.70	6,993.08	133.57	15.64	90.68	24.32	3,007.97	523.25	374.55	148.69	3.519		
11,500.00	7,064.61	7,060.27	6,993.65	136.48	15.65	90.74	24.33	3,007.96	544.99	398.72	146.27	3.726		
11,600.00	7,066.84	7,060.84	6,994.22	139.39	15.65	90.81	24.34	3,007.95	583.29	442.82	140.48	4.152		
11,700.00	7,069.07	7,061.41	6,994.79	142.31	15.65	90.87	24.34	3,007.94	635.18	502.25	132.92	4.778		
11,800.00	7,071.29	7,061.98	6,995.36	145.22	15.65	90.93	24.35	3,007.93	697.61	572.70	124.91	5.585		
11,900.00	7,073.52	7,062.55	6,995.93	148.14	15.65	91.00	24.36	3,007.92	768.04	650.83	117.21	6.553		
12,000.00	7,075.75	7,063.12	6,996.50	151.06	15.65	91.06	24.36	3,007.91	844.45	734.28	110.18	7.664		
12,100.00	7,077.98	7,063.68	6,997.06	153.98	15.65	91.12	24.37	3,007.90	925.37	821.45	103.93	8.904		
12,200.00	7,080.21	7,064.25	6,997.63	156.90	15.65	91.18	24.38	3,007.89	1,009.72	911.28	98.44	10.257		
12,300.00	7,082.43	7,064.82	6,998.20	159.83	15.65	91.25	24.38	3,007.88	1,096.70	1,003.05	93.65	11.711		
12,400.00	7,084.66	7,065.38	6,998.76	162.75	15.66	91.31	24.39	3,007.87	1,185.73	1,096.27	89.46	13.254		

Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-35.98	502.37	-364.75	621.05				
100.00	100.00	81.70	81.70	3.28	3.28	-35.98	502.43	-364.81	620.90	613.55	7.35	84.422	
200.00	200.00	181.41	181.41	3.30	3.29	-36.01	502.48	-365.16	621.15	613.77	7.39	84.093	
300.00	300.00	280.01	280.00	3.34	3.32	33.36	502.37	-365.90	621.14	613.68	7.45	83.333	
400.00	399.93	375.45	375.44	3.41	3.36	33.47	502.50	-367.01	619.02	611.47	7.55	81.961	
500.00	499.68	480.66	480.63	3.50	3.41	33.77	502.47	-368.83	614.21	606.51	7.70	79.812	
600.00	599.13	580.74	580.70	3.61	3.48	34.23	501.50	-370.46	605.69	597.81	7.87	76.932	
700.00	698.15	685.08	685.02	3.75	3.56	34.98	500.33	-371.94	594.10	586.00	8.09	73.401	
800.00	796.63	781.45	781.36	3.93	3.64	35.91	498.71	-373.30	579.30	570.95	8.35	69.412	
900.00	894.44	880.20	880.10	4.16	3.74	37.19	497.48	-374.61	562.16	553.51	8.64	65.039	
1,000.00	991.46	977.35	977.23	4.44	3.85	38.78	496.08	-375.86	542.35	533.36	8.99	60.359	
1,100.00	1,088.03	1,071.49	1,071.35	4.76	3.96	40.30	494.91	-377.22	521.72	512.36	9.36	55.722	
1,200.00	1,184.60	1,165.51	1,165.35	5.11	4.08	41.90	494.07	-379.10	502.06	492.28	9.77	51.369	
1,300.00	1,281.17	1,261.78	1,261.60	5.49	4.20	43.75	493.87	-380.65	483.27	473.04	10.22	47.268	
1,400.00	1,377.74	1,359.35	1,359.17	5.89	4.34	45.80	493.78	-381.85	464.96	454.25	10.71	43.410	
1,500.00	1,474.31	1,455.69	1,455.49	6.31	4.48	47.91	493.35	-383.58	447.18	435.95	11.23	39.830	
1,600.00	1,570.88	1,550.30	1,550.09	6.73	4.62	50.19	493.37	-385.11	430.44	418.66	11.77	36.563	
1,700.00	1,667.45	1,645.55	1,645.32	7.17	4.77	52.64	493.90	-386.87	415.02	402.67	12.35	33.610	
1,800.00	1,764.02	1,741.73	1,741.49	7.42	4.92	55.34	494.77	-388.34	400.71	388.15	12.57	31.890	
1,900.00	1,860.59	1,839.01	1,838.75	7.50	5.08	58.30	495.88	-389.62	387.58	374.74	12.84	30.191	
2,000.00	1,957.16	1,936.78	1,936.51	7.60	5.24	61.53	496.73	-390.47	375.25	362.10	13.15	28.536	
2,100.00	2,053.73	2,033.78	2,033.50	7.75	5.41	64.90	497.62	-391.44	364.27	350.77	13.50	26.986	
2,200.00	2,150.30	2,131.63	2,131.35	7.92	5.57	68.60	498.21	-391.74	354.34	340.46	13.88	25.522	
2,300.00	2,246.87	2,227.92	2,227.64	8.12	5.74	72.50	498.84	-391.55	346.09	331.80	14.30	24.206	
2,400.00	2,343.44	2,326.70	2,326.41	8.34	5.91	76.69	499.24	-391.23	339.41	324.67	14.74	23.025	
2,500.00	2,440.01	2,427.30	2,427.01	8.60	6.09	81.02	498.59	-391.60	333.50	318.30	15.20	21.936	
2,600.00	2,536.58	2,523.80	2,523.50	8.87	6.26	85.21	497.49	-392.61	328.89	313.22	15.67	20.986	
2,700.00	2,633.15	2,616.85	2,616.55	9.16	6.44	89.37	497.10	-393.11	327.03	310.89	16.14	20.264	
2,722.16	2,654.56	2,638.35	2,638.05	9.23	6.48	90.33	497.10	-393.20	326.98	310.74	16.24	20.129	
2,800.00	2,729.72	2,714.04	2,713.74	9.47	6.62	93.66	497.21	-393.90	327.53	310.92	16.61	19.720	
2,900.00	2,826.29	2,811.34	2,811.03	9.80	6.80	97.86	497.32	-395.05	329.78	312.71	17.07	19.316	
3,000.00	2,922.86	2,907.86	2,907.54	10.15	6.99	102.03	497.19	-395.83	333.88	316.35	17.52	19.052	
3,100.00	3,019.43	3,002.66	3,002.35	10.50	7.17	106.04	497.24	-396.23	340.18	322.23	17.96	18.944	
3,200.00	3,116.00	3,103.27	3,102.95	10.87	7.36	110.06	497.32	-397.19	347.93	329.54	18.39	18.921	
3,300.00	3,212.57	3,201.14	3,200.81	11.25	7.55	113.77	496.97	-398.66	356.59	337.79	18.81	18.962	
3,400.00	3,309.14	3,300.88	3,300.53	11.65	7.75	117.47	495.81	-400.17	366.21	347.00	19.21	19.062	
3,500.00	3,405.71	3,398.70	3,398.32	12.04	7.94	120.99	493.85	-401.62	376.76	357.16	19.60	19.223	
3,600.00	3,502.28	3,493.30	3,492.89	12.45	8.13	124.22	492.03	-402.93	388.81	368.84	19.97	19.467	
3,700.00	3,598.85	3,589.20	3,588.77	12.87	8.32	127.30	490.34	-403.93	402.48	382.14	20.34	19.785	
3,800.00	3,695.42	3,686.71	3,686.26	13.29	8.51	130.26	488.42	-404.82	417.31	396.60	20.71	20.149	
3,900.00	3,791.99	3,784.41	3,783.94	13.72	8.70	132.94	486.90	-406.21	432.90	411.82	21.09	20.530	
4,000.00	3,888.56	3,881.16	3,880.67	14.15	8.90	135.39	485.54	-407.79	449.25	427.78	21.46	20.931	
4,100.00	3,985.13	3,978.29	3,977.77	14.59	9.09	137.74	483.71	-409.18	466.38	444.54	21.84	21.354	
4,200.00	4,081.70	4,071.74	4,071.19	15.03	9.28	139.87	481.78	-410.27	484.43	462.22	22.21	21.813	
4,300.00	4,178.27	4,164.76	4,164.20	15.48	9.47	141.80	480.54	-410.78	503.92	481.33	22.58	22.313	
4,400.00	4,274.84	4,258.94	4,258.38	15.93	9.66	143.53	480.05	-410.94	524.52	501.55	22.97	22.831	
4,500.00	4,371.41	4,355.93	4,355.37	16.38	9.85	145.17	479.83	-410.93	545.83	522.44	23.38	23.343	
4,600.00	4,467.98	4,454.67	4,454.11	16.84	10.06	146.69	479.68	-411.28	567.20	543.39	23.81	23.824	
4,700.00	4,564.55	4,551.42	4,550.85	17.30	10.25	148.12	479.03	-411.77	588.67	564.44	24.23	24.296	
4,800.00	4,661.12	4,642.98	4,642.40	17.76	10.44	149.47	477.45	-411.77	610.81	586.18	24.63	24.802	
4,900.00	4,757.69	4,732.86	4,732.26	18.23	10.62	150.72	476.09	-410.73	634.41	609.39	25.02	25.354	
5,000.00	4,854.26	4,826.61	4,825.97	18.70	10.81	151.99	474.04	-409.02	658.88	633.45	25.43	25.908	
5,100.00	4,950.83	4,923.28	4,922.61	19.17	11.00	153.19	472.09	-407.07	683.86	658.00	25.86	26.443	
5,200.00	5,047.40	5,028.05	5,027.35	19.64	11.21	154.35	470.57	-405.86	708.32	681.98	26.34	26.894	
5,300.00	5,143.97	5,131.12	5,130.42	20.11	11.42	155.31	470.15	-405.94	731.85	705.03	26.82	27.285	
5,400.00	5,240.54	5,231.34	5,230.64	20.59	11.63	156.12	470.64	-406.62	755.03	727.72	27.31	27.647	
5,500.00	5,337.11	5,331.30	5,330.59	21.07	11.83	156.85	471.51	-407.94	777.70	749.90	27.80	27.973	
5,600.00	5,433.68	5,424.56	5,423.84	21.55	12.03	157.48	472.32	-409.00	800.67	772.40	28.27	28.320	
5,700.00	5,530.25	5,518.09	5,517.36	22.03	12.22	158.06	473.57	-409.69	824.13	795.39	28.75	28.668	
5,800.00	5,626.82	5,611.69	5,610.95	22.51	12.41	158.59	475.06	-409.90	848.15	818.93	29.23	29.020	
5,900.00	5,723.39	5,718.81	5,718.04	22.99	12.63	159.13	477.21	-410.72	871.73	841.96	29.77	29.285	
6,000.00	5,819.96	5,822.96	5,822.13	23.48	12.84	159.57	480.16	-412.51	894.43	864.13	30.30	29.517	
6,100.00	5,916.53	5,925.18	5,924.28	23.96	13.05	160.01	482.66	-415.03	916.44	885.61	30.83	29.726	
6,200.00	6,013.10	6,022.77	6,021.81	24.45	13.26	160.39	485.28	-417.56	938.38	907.04	31.34	29.938	
6,300.00	6,109.67	6,125.71	6,124.67	24.93	13.47	160.78	487.94	-420.63	959.97	928.09	31.88	30.113	
6,400.00	6,206.31	6,222.78	6,221.63	25.40	13.67	158.49	491.23	-423.90	980.91	948.51	32.39	30.284	

Offset Design 5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,304.86	6,309.01	6,307.79	25.61	13.85	124.63	494.16	-426.05	992.22	959.46	32.76	30.292		
6,600.00	6,404.33	6,399.13	6,397.87	25.73	14.04	45.00	496.39	-427.34	989.02	955.97	33.05	29.923		
6,700.00	6,502.26	6,486.42	6,485.15	25.80	14.22	22.47	497.39	-427.75	971.31	938.06	33.25	29.212		
6,800.00	6,596.25	6,569.10	6,567.83	25.88	14.39	16.16	497.35	-427.25	939.61	906.26	33.35	28.173		
6,900.00	6,683.99	6,655.34	6,654.06	26.01	14.56	14.03	496.82	-425.98	894.43	861.02	33.42	26.766		
7,000.00	6,763.31	6,735.44	6,734.15	26.26	14.73	13.81	496.49	-424.92	835.92	802.49	33.43	25.005		
7,100.00	6,832.26	6,802.47	6,801.16	26.67	14.86	15.09	495.77	-423.88	765.91	732.53	33.38	22.944		
7,200.00	6,889.14	6,861.24	6,859.92	27.31	14.98	18.42	495.21	-422.87	686.03	652.70	33.33	20.582		
7,300.00	6,932.56	6,906.67	6,905.34	28.20	15.08	25.36	495.15	-422.08	598.19	564.90	33.29	17.969		
7,400.00	6,961.43	6,934.83	6,933.50	29.35	15.13	39.90	495.18	-421.50	504.79	471.51	33.27	15.171		
7,500.00	6,975.06	6,949.86	6,948.53	30.72	15.16	70.11	495.21	-421.15	408.28	374.88	33.40	12.222		
7,600.00	6,977.71	6,954.76	6,953.42	32.26	15.17	81.15	495.22	-421.03	311.62	277.73	33.90	9.193		
7,700.00	6,979.94	6,959.37	6,958.03	33.99	15.18	84.04	495.22	-420.91	217.84	182.29	35.55	6.128		
7,800.00	6,982.17	6,964.10	6,962.76	35.89	15.19	87.05	495.23	-420.79	133.23	91.72	41.51	3.210		
7,898.86	6,984.37	6,968.91	6,967.57	37.91	15.20	90.13	495.24	-420.66	89.45	35.90	53.55	1.670 CC		
7,900.00	6,984.40	6,968.97	6,967.63	37.94	15.20	90.16	495.24	-420.66	89.46	35.86	53.60	1.669 ES, SF		
8,000.00	6,986.62	6,973.97	6,972.62	40.10	15.21	93.36	495.25	-420.52	134.93	88.06	46.87	2.879		
8,100.00	6,988.85	6,979.11	6,977.76	42.36	15.22	96.62	495.26	-420.38	219.91	179.16	40.75	5.397		
8,200.00	6,991.08	6,984.39	6,983.04	44.70	15.23	99.93	495.27	-420.23	313.78	275.68	38.10	8.236		
8,300.00	6,993.31	6,989.83	6,988.48	47.12	15.24	103.27	495.28	-420.07	410.49	373.71	36.78	11.161		
8,400.00	6,995.54	6,995.43	6,994.08	49.60	15.26	106.62	495.30	-419.90	508.42	472.40	36.02	14.117		
8,500.00	6,997.77	7,001.33	6,999.98	52.13	15.27	110.03	495.31	-419.71	606.97	571.45	35.53	17.084		
8,600.00	6,999.99	7,008.15	7,006.79	54.70	15.28	113.78	495.32	-419.49	705.89	670.70	35.19	20.060		
8,700.00	7,002.22	7,015.50	7,014.13	57.31	15.30	117.61	495.34	-419.24	805.02	770.08	34.94	23.041		
8,800.00	7,004.45	7,023.45	7,022.08	59.96	15.31	121.47	495.36	-418.94	904.29	869.55	34.75	26.026		
8,900.00	7,006.68	7,032.08	7,030.71	62.63	15.33	125.32	495.37	-418.60	1,003.66	969.07	34.59	29.014		
9,000.00	7,008.91	7,041.49	7,040.10	65.33	15.35	129.14	495.39	-418.20	1,103.09	1,068.63	34.47	32.005		

Offset Design 5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
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	-141.38	-477.60	-381.47	611.57				
100.00	100.00	79.58	79.58	3.28	3.28	-141.40	-477.73	-381.34	611.27	603.91	7.35	83.113	
200.00	200.00	180.79	180.79	3.30	3.29	-141.45	-478.06	-380.92	611.27	603.88	7.39	82.759	
300.00	300.00	281.01	281.01	3.34	3.32	-72.12	-478.08	-380.63	610.96	603.51	7.45	81.970	
400.00	399.93	379.67	379.67	3.41	3.36	-72.43	-477.93	-380.69	609.82	602.27	7.55	80.736	
500.00	499.68	477.22	477.21	3.50	3.40	-73.04	-477.85	-381.13	607.96	600.27	7.69	79.078	
600.00	599.13	576.49	576.49	3.61	3.47	-73.97	-477.79	-381.97	605.44	597.58	7.86	77.006	
700.00	698.15	675.82	675.81	3.75	3.54	-75.23	-477.70	-382.79	602.12	594.04	8.08	74.532	
800.00	796.63	775.29	775.28	3.93	3.63	-76.83	-477.51	-383.63	598.19	589.85	8.34	71.701	
900.00	894.44	873.06	873.04	4.16	3.72	-78.75	-477.26	-384.37	593.91	585.25	8.66	68.585	
1,000.00	991.46	970.42	970.40	4.44	3.83	-81.01	-477.04	-385.16	589.77	580.73	9.04	65.256	
1,100.00	1,088.03	1,067.93	1,067.91	4.76	3.94	-83.38	-476.74	-385.92	586.23	576.76	9.47	61.889	
1,200.00	1,184.60	1,165.79	1,165.76	5.11	4.06	-85.79	-476.36	-386.52	583.61	573.66	9.95	58.665	
1,300.00	1,281.17	1,263.34	1,263.31	5.49	4.19	-88.20	-475.78	-387.13	581.89	571.44	10.46	55.647	
1,400.00	1,377.74	1,360.61	1,360.57	5.89	4.33	-90.60	-475.04	-387.86	581.17	570.18	10.99	52.873	
1,421.60	1,398.60	1,381.59	1,381.56	5.98	4.36	-91.12	-474.88	-388.00	581.14	570.03	11.11	52.306 CC	
1,500.00	1,474.31	1,458.03	1,457.99	6.31	4.47	-93.01	-474.27	-388.48	581.45	569.90	11.55	50.351 ES	
1,600.00	1,570.88	1,556.86	1,556.81	6.73	4.62	-95.43	-473.21	-389.32	582.61	570.49	12.12	48.062	
1,700.00	1,667.45	1,655.35	1,655.28	7.17	4.77	-97.80	-471.72	-390.32	584.44	571.73	12.71	45.991	
1,800.00	1,764.02	1,754.04	1,753.95	7.42	4.93	-100.14	-470.01	-391.46	587.11	574.22	12.89	45.533	
1,900.00	1,860.59	1,852.34	1,852.21	7.50	5.09	-102.36	-467.81	-393.43	590.40	577.28	13.12	45.014	
2,000.00	1,957.16	1,949.55	1,949.36	7.60	5.25	-104.49	-465.56	-395.80	594.56	581.20	13.37	44.475	
2,100.00	2,053.73	2,046.44	2,046.20	7.75	5.42	-106.59	-463.33	-398.09	599.60	585.95	13.65	43.925	
2,200.00	2,150.30	2,142.44	2,142.15	7.92	5.58	-108.65	-461.28	-400.17	605.62	591.66	13.96	43.389	
2,300.00	2,246.87	2,238.77	2,238.45	8.12	5.76	-110.70	-459.45	-401.99	612.69	598.40	14.29	42.875	
2,400.00	2,343.44	2,336.25	2,335.90	8.34	5.93	-112.74	-457.60	-403.79	620.60	605.95	14.65	42.373	
2,500.00	2,440.01	2,433.92	2,433.53	8.60	6.11	-114.73	-455.68	-405.55	629.24	614.22	15.02	41.890	
2,600.00	2,536.58	2,531.62	2,531.19	8.87	6.29	-116.65	-453.67	-407.43	638.53	623.11	15.41	41.428	
2,700.00	2,633.15	2,628.34	2,627.88	9.16	6.47	-118.52	-451.67	-409.12	648.55	632.74	15.82	41.004	
2,800.00	2,729.72	2,725.37	2,724.88	9.47	6.65	-120.35	-449.70	-410.69	659.35	643.12	16.23	40.618	
2,900.00	2,826.29	2,823.50	2,822.97	9.80	6.84	-122.15	-447.62	-412.25	670.73	654.07	16.66	40.256	
3,000.00	2,922.86	2,921.36	2,920.79	10.15	7.03	-123.87	-445.42	-413.93	682.61	665.51	17.10	39.923	
3,100.00	3,019.43	3,018.29	3,017.68	10.50	7.22	-125.51	-443.25	-415.67	695.09	677.55	17.54	39.627	
3,200.00	3,116.00	3,116.13	3,115.48	10.87	7.41	-127.12	-441.02	-417.37	708.10	690.11	17.99	39.358	
3,300.00	3,212.57	3,214.73	3,214.04	11.25	7.60	-128.72	-438.49	-418.67	721.53	703.08	18.45	39.114	
3,400.00	3,309.14	3,314.88	3,314.14	11.65	7.79	-130.35	-435.25	-419.22	735.14	716.24	18.91	38.884	
3,500.00	3,405.71	3,410.51	3,409.69	12.04	7.98	-131.96	-431.59	-418.63	749.19	729.84	19.35	38.712	
3,600.00	3,502.28	3,500.02	3,499.12	12.45	8.16	-133.49	-428.19	-416.82	764.42	744.64	19.78	38.641	
3,700.00	3,598.85	3,592.13	3,591.13	12.87	8.33	-135.06	-424.98	-413.96	780.97	760.76	20.21	38.637	
3,800.00	3,695.42	3,685.61	3,684.51	13.29	8.52	-136.62	-421.98	-410.69	798.57	777.93	20.65	38.681	
3,900.00	3,791.99	3,771.71	3,770.51	13.72	8.68	-137.98	-419.80	-407.56	817.42	796.36	21.06	38.815	
4,000.00	3,888.56	3,864.02	3,862.74	14.15	8.86	-139.37	-418.40	-403.90	837.80	816.31	21.49	38.987	
4,100.00	3,985.13	3,961.67	3,960.31	14.59	9.05	-140.76	-416.96	-400.19	858.65	836.71	21.94	39.144	
4,200.00	4,081.70	4,061.34	4,059.92	15.03	9.25	-142.07	-415.55	-397.16	879.62	857.22	22.39	39.279	
4,300.00	4,178.27	4,163.56	4,162.11	15.48	9.45	-143.31	-413.92	-394.80	900.46	877.59	22.87	39.381	
4,400.00	4,274.84	4,264.12	4,262.63	15.93	9.66	-144.45	-412.00	-393.21	921.00	897.66	23.34	39.464	
4,500.00	4,371.41	4,362.93	4,361.41	16.38	9.86	-145.52	-409.91	-391.89	941.56	917.75	23.81	39.547	
4,600.00	4,467.98	4,459.94	4,458.39	16.84	10.05	-146.52	-407.72	-390.72	962.23	937.95	24.28	39.636	
4,700.00	4,564.55	4,557.28	4,555.70	17.30	10.25	-147.49	-405.51	-389.54	983.16	958.42	24.75	39.727	
4,800.00	4,661.12	4,653.92	4,652.29	17.76	10.45	-148.44	-402.85	-387.97	1,004.25	979.03	25.22	39.826	
4,900.00	4,757.69	4,749.28	4,747.59	18.23	10.64	-149.36	-400.09	-386.14	1,025.66	999.98	25.68	39.941	
5,000.00	4,854.26	4,844.66	4,842.91	18.70	10.84	-150.26	-397.23	-384.07	1,047.42	1,021.28	26.14	40.063	
5,100.00	4,950.83	4,940.44	4,938.62	19.17	11.04	-151.13	-394.37	-381.88	1,069.50	1,042.89	26.61	40.190	
5,200.00	5,047.40	5,036.53	5,034.65	19.64	11.23	-151.96	-391.63	-379.82	1,091.81	1,064.73	27.08	40.315	
5,300.00	5,143.97	5,132.90	5,130.97	20.11	11.43	-152.73	-389.17	-378.02	1,114.37	1,086.81	27.56	40.437	
5,400.00	5,240.54	5,230.11	5,228.13	20.59	11.63	-153.47	-386.79	-376.44	1,137.04	1,109.00	28.04	40.550	
5,500.00	5,337.11	5,326.71	5,324.70	21.07	11.83	-154.18	-384.45	-374.92	1,159.86	1,131.34	28.52	40.664	
5,600.00	5,433.68	5,424.20	5,422.14	21.55	12.04	-154.88	-381.80	-373.18	1,182.78	1,153.77	29.01	40.774	
7,300.00	6,932.56	6,889.22	6,886.77	28.20	15.10	75.15	-357.53	-357.41	1,151.06	1,112.38	38.68	29.760	
7,400.00	6,961.43	6,918.80	6,916.34	29.35	15.16	81.45	-358.04	-356.96	1,101.18	1,060.64	40.54	27.164	
7,500.00	6,975.06	6,933.52	6,931.06	30.72	15.19	86.88	-358.31	-356.77	1,054.44	1,011.69	42.74	24.669	
7,600.00	6,977.71	6,937.31	6,934.85	32.26	15.20	88.11	-358.39	-356.72	1,013.65	968.44	45.20	22.423	
7,700.00	6,979.94	6,940.63	6,938.17	33.99	15.20	88.31	-358.45	-356.68	981.32	933.44	47.88	20.497	
7,800.00	6,982.17	6,943.88	6,941.41	35.89	15.21	88.50	-358.52	-356.64	958.37	907.74	50.63	18.927	
7,900.00	6,984.40	6,947.06	6,944.60	37.94	15.22	88.70	-358.58	-356.61	945.48	892.15	53.34	17.726	
7,972.81	6,986.02	6,949.34	6,946.87	39.51	15.22	88.84	-358.63	-356.58	942.68	887.48	55.20	17.078	

Offset Design		5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,000.00	6,986.62	6,950.18	6,947.72	40.10	15.22	88.89	-358.64	-356.57	943.07	887.23	55.84	16.888	
8,100.00	6,988.85	6,953.24	6,950.78	42.36	15.23	89.07	-358.71	-356.54	951.21	893.18	58.03	16.391	
8,200.00	6,991.08	6,956.24	6,953.78	44.70	15.24	89.26	-358.77	-356.51	969.64	909.81	59.83	16.207 SF	
8,300.00	6,993.31	6,959.19	6,956.72	47.12	15.24	89.43	-358.83	-356.48	997.79	936.59	61.21	16.302	
8,400.00	6,995.54	6,962.08	6,959.61	49.60	15.25	89.61	-358.89	-356.45	1,034.87	972.69	62.18	16.643	
8,500.00	6,997.77	6,964.91	6,962.44	52.13	15.25	89.78	-358.95	-356.43	1,079.95	1,017.15	62.80	17.196	
8,600.00	6,999.99	6,967.69	6,965.22	54.70	15.26	89.95	-359.01	-356.40	1,132.09	1,068.97	63.12	17.934	
8,700.00	7,002.22	6,970.42	6,967.95	57.31	15.26	90.12	-359.07	-356.38	1,190.35	1,127.14	63.22	18.830	

Offset Design		5N-66W-08 Offsets Need HZ - MOEN J 8-8 - SRC Energy SI Well - No Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,000.00	7,187.16	7,058.16	7,058.16	298.20	248.34	89.59	-658.10	9,029.96	1,186.35	653.49	532.87	2.226	
17,100.00	7,189.39	7,060.39	7,060.39	301.16	248.42	89.70	-658.10	9,029.96	1,159.51	617.19	542.32	2.138	
17,200.00	7,191.61	7,062.61	7,062.61	304.11	248.50	89.81	-658.10	9,029.96	1,140.82	590.76	550.07	2.074	
17,300.00	7,193.84	7,064.84	7,064.84	307.07	248.57	89.93	-658.10	9,029.96	1,130.70	574.96	555.74	2.035	
17,365.04	7,195.29	7,066.29	7,066.29	308.99	248.63	90.00	-658.10	9,029.96	1,128.83	570.63	558.20	2.022 CC	
17,400.00	7,196.07	7,067.07	7,067.07	310.02	248.65	90.04	-658.10	9,029.96	1,129.37	570.27	559.10	2.020 ES, SF	
17,486.62	7,198.00	7,069.00	7,069.00	312.58	248.72	90.14	-658.10	9,029.96	1,135.35	575.29	560.06	2.027	

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 1-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
16,800.00	7,182.70	7,065.35	6,713.00	292.30	50.47	-7.79	518.89	9,539.31	1,124.95	1,048.00	76.95	14.619	
16,900.00	7,184.93	7,100.00	6,744.13	295.25	50.79	-9.95	528.63	9,550.97	1,032.62	953.39	79.23	13.033	
17,000.00	7,187.16	7,100.00	6,744.13	298.20	50.79	-9.95	528.63	9,550.97	939.98	857.93	82.05	11.457	
17,100.00	7,189.39	7,100.00	6,744.13	301.16	50.79	-9.95	528.63	9,550.97	849.01	763.50	85.51	9.929	
17,200.00	7,191.61	7,100.00	6,744.13	304.11	50.79	-9.95	528.63	9,550.97	760.32	670.54	89.78	8.468	
17,300.00	7,193.84	7,141.49	6,780.45	307.07	51.25	-12.93	539.98	9,567.50	672.06	576.58	95.48	7.038	
17,400.00	7,196.07	7,164.04	6,799.67	310.02	51.49	-14.76	545.99	9,577.62	586.93	484.09	102.84	5.707	
17,486.62	7,198.00	7,200.00	6,829.52	312.58	51.89	-18.00	555.30	9,595.38	516.00	404.13	111.87	4.613	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
16,800.00	7,182.70	7,000.00	6,745.20	292.30	45.75	33.30	224.96	9,557.21	1,158.82	1,050.43	108.39	10.691	
16,900.00	7,184.93	7,000.00	6,745.20	295.25	45.75	33.30	224.96	9,557.21	1,066.84	952.42	114.42	9.324	
17,000.00	7,187.16	7,000.00	6,745.20	298.20	45.75	33.30	224.96	9,557.21	976.43	854.96	121.48	8.038	
17,100.00	7,189.39	7,027.74	6,769.94	301.16	46.04	34.49	230.73	9,568.34	886.99	759.19	127.80	6.940	
17,200.00	7,191.61	7,046.34	6,786.22	304.11	46.24	35.34	234.52	9,576.50	799.31	663.24	136.07	5.874	
17,300.00	7,193.84	7,067.54	6,804.45	307.07	46.46	36.37	238.77	9,586.44	713.55	567.75	145.81	4.894	
17,400.00	7,196.07	7,100.00	6,831.65	310.02	46.80	38.09	245.09	9,602.99	630.30	473.72	156.58	4.026	
17,486.62	7,198.00	7,100.00	6,831.65	312.58	46.80	38.09	245.09	9,602.99	560.81	389.89	170.92	3.281	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,900.00	7,184.93	7,000.00	6,761.27	295.25	41.87	57.91	-93.40	9,564.76	1,185.00	1,003.63	181.37	6.534	
17,000.00	7,187.16	7,000.00	6,761.27	298.20	41.87	57.91	-93.40	9,564.76	1,103.25	910.02	193.22	5.710	
17,100.00	7,189.39	7,032.03	6,789.45	301.16	42.23	59.73	-87.34	9,578.70	1,023.45	818.35	205.10	4.990	
17,200.00	7,191.61	7,051.72	6,806.39	304.11	42.46	60.88	-83.71	9,588.07	946.86	727.92	218.94	4.325	
17,300.00	7,193.84	7,074.01	6,825.17	307.07	42.71	62.20	-79.68	9,599.38	873.79	639.59	234.20	3.731	
17,400.00	7,196.07	7,100.00	6,846.50	310.02	43.01	63.76	-75.11	9,613.50	804.92	554.10	250.82	3.209	
17,486.62	7,198.00	7,124.25	6,865.82	312.58	43.34	65.24	-70.97	9,627.56	749.27	482.92	266.35	2.813 CC, ES, SF	

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,200.00	7,191.61	7,029.23	6,817.20	304.11	38.95	71.24	-403.64	9,598.81	1,167.95	902.71	265.24	4.403	
17,300.00	7,193.84	7,052.02	6,836.21	307.07	39.24	72.29	-400.19	9,610.89	1,108.16	829.19	278.97	3.972	
17,400.00	7,196.07	7,100.00	6,874.61	310.02	39.86	74.47	-393.23	9,638.78	1,053.70	761.51	292.19	3.606	
17,486.62	7,198.00	7,100.00	6,874.61	312.58	39.86	74.47	-393.23	9,638.78	1,009.86	704.86	305.01	3.311	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST A2-9-11 - Extraction PR Well (Plan Only) - P											Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
16,900.00	7,184.93	7,000.00	6,739.05	295.25	43.68	47.86	54.90	9,554.18	1,118.42	965.67	152.75	7.322			
17,000.00	7,187.16	7,033.17	6,768.67	298.20	44.04	49.68	62.18	9,567.22	1,031.20	869.99	161.21	6.397			
17,100.00	7,189.39	7,050.25	6,783.62	301.16	44.22	50.66	65.85	9,574.61	946.26	774.36	171.90	5.505			
17,200.00	7,191.61	7,069.53	6,800.23	304.11	44.43	51.81	69.92	9,583.50	863.57	679.46	184.11	4.690			
17,300.00	7,193.84	7,100.00	6,825.87	307.07	44.76	53.70	76.20	9,598.72	783.74	586.29	197.45	3.969			
17,400.00	7,196.07	7,100.00	6,825.87	310.02	44.76	53.70	76.20	9,598.72	707.47	492.20	215.27	3.286			
17,486.62	7,198.00	7,140.95	6,859.02	312.58	45.30	56.38	84.31	9,621.34	644.07	414.30	229.77	2.803	CC, ES, SF		

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST C1-9-11 - Extraction PR Well (Plan Only) -										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
16,700.00	7,180.47	7,169.62	6,826.43	289.34	52.17	-35.03	662.16	9,514.66	1,178.79	1,081.03	97.76	12.058	
16,800.00	7,182.70	7,188.15	6,843.93	292.30	52.32	-37.50	667.36	9,517.76	1,083.36	980.20	103.16	10.502	
16,900.00	7,184.93	7,190.72	6,846.35	295.25	52.34	-37.85	668.08	9,518.27	988.69	880.09	108.60	9.104	
17,000.00	7,187.16	7,200.00	6,855.08	298.20	52.41	-39.15	670.67	9,520.05	895.00	779.34	115.67	7.738	
17,100.00	7,189.39	7,200.00	6,855.08	301.16	52.41	-39.15	670.67	9,520.05	802.70	679.11	123.59	6.495	
17,200.00	7,191.61	7,200.00	6,855.08	304.11	52.41	-39.15	670.67	9,520.05	712.46	579.10	133.37	5.342	
17,300.00	7,193.84	7,231.32	6,884.32	307.07	52.68	-43.81	679.36	9,527.15	623.65	474.57	149.08	4.183	
17,400.00	7,196.07	7,246.17	6,898.04	310.02	52.81	-46.16	683.44	9,531.09	538.79	371.54	167.25	3.221	
17,486.62	7,198.00	7,261.42	6,912.03	312.58	52.95	-48.65	687.59	9,535.53	469.31	281.70	187.61	2.501	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST C3-9-11 - Extraction PR Well (Plan Only) -										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,300.00	7,193.84	7,100.00	6,956.88	307.07	35.99	81.45	-555.69	9,569.64	1,193.29	894.20	299.09	3.990	
17,400.00	7,196.07	7,100.00	6,956.88	310.02	35.99	81.45	-555.69	9,569.64	1,146.26	833.91	312.35	3.670	
17,486.62	7,198.00	7,138.22	6,991.05	312.58	36.42	83.29	-551.89	9,586.32	1,109.99	787.05	322.94	3.437	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - Extraction PR Well (Plan Only) - Planned Extr										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,000.00	7,187.16	7,133.79	6,643.42	298.20	61.05	-55.78	1,147.22	9,512.32	1,159.97	943.96	216.01	5.370	
17,100.00	7,189.39	7,157.95	6,665.61	301.16	61.28	-57.39	1,155.65	9,516.82	1,091.38	861.88	229.50	4.755	
17,200.00	7,191.61	7,168.39	6,675.14	304.11	61.38	-58.08	1,159.27	9,519.07	1,028.02	785.31	242.71	4.236	
17,300.00	7,193.84	7,180.63	6,686.26	307.07	61.49	-58.90	1,163.49	9,521.94	970.56	713.71	256.85	3.779	
17,400.00	7,196.07	7,200.00	6,703.74	310.02	61.68	-60.19	1,170.12	9,527.01	920.05	647.76	272.29	3.379	
17,486.62	7,198.00	7,200.00	6,703.74	312.58	61.68	-60.19	1,170.12	9,527.01	882.79	598.72	284.07	3.108	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,800.00	7,182.70	7,100.00	6,667.90	292.30	55.33	-38.14	810.30	9,521.27	1,171.09	1,036.93	134.16	8.729	
16,900.00	7,184.93	7,100.00	6,667.90	295.25	55.33	-38.14	810.30	9,521.27	1,084.28	942.95	141.33	7.672	
17,000.00	7,187.16	7,137.35	6,701.92	298.20	55.70	-41.40	822.70	9,530.41	998.16	845.49	152.68	6.538	
17,100.00	7,189.39	7,149.64	6,712.98	301.16	55.82	-42.50	826.74	9,533.93	915.55	751.99	163.56	5.598	
17,200.00	7,191.61	7,163.77	6,725.61	304.11	55.96	-43.79	831.34	9,538.29	836.25	659.94	176.31	4.743	
17,300.00	7,193.84	7,200.00	6,757.49	307.07	56.32	-47.16	842.95	9,550.97	761.69	568.35	193.35	3.940	
17,400.00	7,196.07	7,200.00	6,757.49	310.02	56.32	-47.16	842.95	9,550.97	691.47	482.69	208.78	3.312	
17,486.62	7,198.00	7,218.91	6,773.82	312.58	56.53	-48.95	848.89	9,558.43	636.61	410.59	226.02	2.817	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - WHITE 8-1 - Extraction PR Well - No Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,500.00	7,086.89	7,023.89	7,023.89	165.68	247.12	82.21	324.44	5,348.71	1,186.43	905.83	280.61	4.228	
12,600.00	7,089.12	7,026.12	7,026.12	168.61	247.20	82.87	324.44	5,348.71	1,087.88	804.75	283.13	3.842	
12,700.00	7,091.35	7,028.35	7,028.35	171.54	247.28	83.53	324.44	5,348.71	989.61	703.40	286.20	3.458	
12,800.00	7,093.58	7,030.58	7,030.58	174.47	247.36	84.19	324.44	5,348.71	891.71	601.69	290.02	3.075	
12,900.00	7,095.80	7,032.80	7,032.80	177.40	247.44	84.85	324.44	5,348.71	794.34	499.49	294.85	2.694	
13,000.00	7,098.03	7,035.03	7,035.03	180.34	247.52	85.52	324.44	5,348.71	697.70	396.62	301.08	2.317	
13,100.00	7,100.26	7,037.26	7,037.26	183.27	247.60	86.18	324.44	5,348.71	602.15	292.80	309.35	1.947	
13,200.00	7,102.49	7,039.49	7,039.49	186.21	247.68	86.85	324.44	5,348.71	508.31	187.64	320.67	1.585	
13,300.00	7,104.72	7,041.72	7,041.72	189.14	247.75	87.52	324.44	5,348.71	417.33	80.59	336.74	1.239	Level 2
13,400.00	7,106.94	7,043.94	7,043.94	192.08	247.83	88.19	324.44	5,348.71	331.57	-28.69	360.26	0.920	Level 1
13,500.00	7,109.17	7,046.17	7,046.17	195.02	247.91	88.85	324.44	5,348.71	256.32	-138.02	394.34	0.650	Level 1
13,600.00	7,111.40	7,048.40	7,048.40	197.96	247.99	89.52	324.44	5,348.71	203.60	-230.60	434.20	0.469	Level 1
13,671.30	7,112.99	7,049.99	7,049.99	200.06	248.05	90.00	324.44	5,348.71	190.72	-257.97	448.69	0.425	Level 1, CC, ES, SF
13,700.00	7,113.63	7,050.63	7,050.63	200.90	248.07	90.19	324.44	5,348.71	192.86	-254.45	447.31	0.431	Level 1
13,800.00	7,115.86	7,052.86	7,052.86	203.84	248.15	90.86	324.44	5,348.71	230.06	-187.94	418.00	0.550	Level 1
13,900.00	7,118.09	7,055.09	7,055.09	206.78	248.23	91.53	324.44	5,348.71	297.75	-84.32	382.07	0.779	Level 1
14,000.00	7,120.31	7,057.31	7,057.31	209.72	248.31	92.20	324.44	5,348.71	379.96	24.43	355.52	1.069	Level 2
14,100.00	7,122.54	7,059.54	7,059.54	212.67	248.39	92.87	324.44	5,348.71	469.12	131.78	337.33	1.391	Level 3
14,200.00	7,124.77	7,061.77	7,061.77	215.61	248.47	93.53	324.44	5,348.71	561.93	237.27	324.66	1.731	
14,300.00	7,127.00	7,064.00	7,064.00	218.55	248.54	94.20	324.44	5,348.71	656.85	341.32	315.53	2.082	
14,400.00	7,129.23	7,066.23	7,066.23	221.50	248.62	94.86	324.44	5,348.71	753.07	444.34	308.74	2.439	
14,500.00	7,131.45	7,068.45	7,068.45	224.44	248.70	95.53	324.44	5,348.71	850.17	546.62	303.55	2.801	
14,600.00	7,133.68	7,070.68	7,070.68	227.39	248.78	96.19	324.44	5,348.71	947.86	648.37	299.49	3.165	
14,700.00	7,135.91	7,072.91	7,072.91	230.33	248.86	96.85	324.44	5,348.71	1,045.98	749.72	296.26	3.531	
14,800.00	7,138.14	7,075.14	7,075.14	233.28	248.94	97.51	324.44	5,348.71	1,144.43	850.77	293.66	3.897	

Offset Design 5N-66W-08 Offsets Need HZ - WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surveys													Offset Site Error: 0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7600-SRC Energy_2" CONE_2.448													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
13,500.00	7,109.17	7,303.43	7,055.99	195.02	18.73	-109.16	586.77	6,375.47	1,199.02	1,154.28	44.75	26.797		
13,600.00	7,111.40	7,299.55	7,052.15	197.96	18.73	-106.90	586.18	6,375.68	1,099.32	1,053.80	45.52	24.150		
13,700.00	7,113.63	7,296.03	7,048.69	200.90	18.72	-104.79	585.64	6,375.87	999.66	953.15	46.51	21.495		
13,800.00	7,115.86	7,292.53	7,045.23	203.84	18.71	-102.61	585.10	6,376.06	900.06	852.28	47.77	18.840		
13,900.00	7,118.09	7,289.05	7,041.79	206.78	18.71	-100.38	584.57	6,376.25	800.55	751.10	49.44	16.192		
14,000.00	7,120.31	7,285.57	7,038.37	209.72	18.70	-98.08	584.03	6,376.44	701.15	649.45	51.71	13.560		
14,100.00	7,122.54	7,282.11	7,034.95	212.67	18.69	-95.75	583.50	6,376.63	601.95	547.04	54.90	10.963		
14,200.00	7,124.77	7,278.67	7,031.55	215.61	18.69	-93.37	582.97	6,376.82	503.03	443.40	59.62	8.437		
14,300.00	7,127.00	7,275.23	7,028.16	218.55	18.68	-90.95	582.44	6,377.00	404.61	337.58	67.03	6.037		
14,400.00	7,129.23	7,271.81	7,024.78	221.50	18.67	-88.51	581.92	6,377.19	307.18	227.51	79.67	3.855		
14,500.00	7,131.45	7,268.40	7,021.42	224.44	18.67	-86.05	581.39	6,377.37	212.10	107.85	104.25	2.034		
14,600.00	7,133.68	7,265.00	7,018.07	227.39	18.66	-83.58	580.87	6,377.56	124.87	-36.52	161.38	0.774	Level 1	
14,697.15	7,135.85	7,261.71	7,014.82	230.25	18.65	-81.19	580.36	6,377.73	78.52	-166.48	244.99	0.320	Level 1, CC, ES, SF	
14,700.00	7,135.91	7,261.61	7,014.73	230.33	18.65	-81.12	580.35	6,377.74	78.57	-166.35	244.92	0.321	Level 1	
14,800.00	7,138.14	7,258.24	7,011.40	233.28	18.65	-78.66	579.83	6,377.92	129.35	-30.31	159.66	0.810	Level 1	
14,900.00	7,140.37	7,254.88	7,008.08	236.23	18.64	-76.22	579.31	6,378.10	217.41	111.42	105.99	2.051		
15,000.00	7,142.59	7,251.53	7,004.78	239.18	18.63	-73.80	578.80	6,378.28	312.70	230.12	82.58	3.787		
15,100.00	7,144.82	7,248.19	7,001.49	242.12	18.63	-71.42	578.29	6,378.46	410.21	339.81	70.40	5.827		
15,200.00	7,147.05	7,244.87	6,998.20	245.07	18.62	-69.09	577.77	6,378.64	508.66	445.43	63.23	8.045		
15,300.00	7,149.28	7,241.56	6,994.94	248.02	18.62	-66.80	577.26	6,378.82	607.61	548.95	58.66	10.359		
15,400.00	7,151.51	7,238.25	6,991.68	250.97	18.61	-64.56	576.76	6,378.99	706.83	651.26	55.57	12.720		
15,500.00	7,153.74	7,234.97	6,988.43	253.92	18.60	-62.39	576.25	6,379.17	806.23	752.83	53.40	15.097		
15,600.00	7,155.96	7,231.69	6,985.20	256.87	18.60	-60.27	575.74	6,379.34	905.75	853.92	51.83	17.474		
15,700.00	7,158.19	7,228.42	6,981.98	259.82	18.59	-58.22	575.24	6,379.52	1,005.36	954.69	50.67	19.840		
15,800.00	7,160.42	7,225.17	6,978.77	262.77	18.59	-56.24	574.74	6,379.69	1,105.03	1,055.23	49.80	22.189		

Offset Design5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-9H - SRC Energy Planned Well - Planned Ensign Dir											Offset Site Error:		0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
4,600.00	4,467.98	4,672.14	4,614.99	16.84	19.67	76.33	1,531.55	-874.97	1,182.22	1,148.39	33.83	34.949	
4,700.00	4,564.55	4,762.84	4,704.14	17.30	20.14	78.05	1,518.79	-864.09	1,162.92	1,128.00	34.92	33.305	
4,800.00	4,661.12	4,853.55	4,793.28	17.76	20.60	79.82	1,506.04	-853.22	1,144.84	1,108.82	36.02	31.780	
4,900.00	4,757.69	4,944.26	4,882.43	18.23	21.06	81.64	1,493.28	-842.34	1,128.05	1,090.90	37.14	30.369	
5,000.00	4,854.26	5,034.96	4,971.57	18.70	21.53	83.50	1,480.53	-831.46	1,112.59	1,074.31	38.28	29.068	
5,100.00	4,950.83	5,125.67	5,060.72	19.17	21.99	85.40	1,467.77	-820.58	1,098.53	1,059.12	39.41	27.873	
5,200.00	5,047.40	5,216.38	5,149.86	19.64	22.45	87.35	1,455.02	-809.71	1,085.92	1,045.37	40.55	26.780	
5,300.00	5,143.97	5,307.09	5,239.01	20.11	22.92	89.32	1,442.26	-798.83	1,074.82	1,033.13	41.69	25.784	
5,400.00	5,240.54	5,402.21	5,328.15	20.59	23.41	91.33	1,429.51	-787.95	1,065.26	1,022.43	42.83	24.870	
5,500.00	5,337.11	5,488.50	5,417.29	21.07	23.85	93.37	1,416.75	-777.07	1,057.29	1,013.37	43.93	24.069	
5,600.00	5,433.68	5,574.31	5,501.66	21.55	24.26	95.31	1,404.82	-766.89	1,051.04	1,006.06	44.99	23.364	
5,700.00	5,530.25	5,654.17	5,580.49	22.03	24.55	97.05	1,395.09	-758.60	1,047.23	1,001.33	45.91	22.813	
5,800.00	5,626.82	5,735.85	5,661.45	22.51	24.80	98.72	1,386.87	-751.59	1,045.85	999.10	46.75	22.371	
5,811.06	5,637.50	5,744.99	5,670.53	22.56	24.83	98.90	1,386.06	-750.90	1,045.84	999.00	46.84	22.328	
5,900.00	5,723.39	5,819.27	5,744.41	22.99	25.03	100.32	1,380.29	-745.98	1,046.67	999.14	47.53	22.020	
6,000.00	5,819.96	5,904.33	5,829.24	23.48	25.23	101.82	1,375.48	-741.87	1,049.46	1,001.21	48.25	21.749	
6,100.00	5,916.53	5,990.93	5,915.74	23.96	25.39	103.21	1,372.55	-739.38	1,054.00	1,005.08	48.91	21.548	
6,200.00	6,013.10	6,079.30	6,004.10	24.45	25.54	104.48	1,371.61	-738.57	1,060.05	1,010.51	49.53	21.401	
6,300.00	6,109.67	6,175.87	6,100.67	24.93	25.69	105.79	1,371.61	-738.57	1,067.05	1,016.91	50.14	21.281	
6,400.00	6,206.31	6,272.51	6,197.31	25.40	25.85	104.58	1,371.61	-738.57	1,074.45	1,023.74	50.71	21.187	
6,500.00	6,304.86	6,371.06	6,295.86	25.61	26.00	71.43	1,371.61	-738.57	1,075.77	1,024.71	51.06	21.069	
6,600.00	6,404.33	6,470.52	6,395.33	25.73	26.16	-8.93	1,371.61	-738.57	1,067.45	1,016.12	51.34	20.794	
6,700.00	6,502.26	6,568.46	6,493.26	25.80	26.31	-33.74	1,371.61	-738.57	1,049.57	997.99	51.58	20.348	
6,800.00	6,596.25	6,900.00	6,819.19	25.88	26.47	-50.47	1,370.08	-784.87	1,020.66	969.72	50.94	20.036	
6,900.00	6,683.99	7,196.43	7,067.21	26.01	26.02	-76.22	1,364.86	-943.26	962.08	913.92	48.17	19.974	
7,000.00	6,763.31	7,236.41	7,094.96	26.26	25.95	-87.35	1,363.92	-972.01	904.15	855.69	48.46	18.658	
7,100.00	6,832.26	7,222.48	7,085.47	26.67	25.97	-92.45	1,364.25	-961.82	855.00	805.66	49.33	17.330	
7,200.00	6,889.14	7,190.16	7,062.71	27.31	26.03	-94.44	1,365.01	-938.89	817.08	766.80	50.28	16.250	
7,300.00	6,932.56	7,149.48	7,032.63	28.20	26.10	-94.34	1,365.91	-911.53	791.71	740.53	51.19	15.467	
7,400.00	6,961.43	7,104.32	6,997.47	29.35	26.18	-92.64	1,366.84	-883.20	779.29	727.34	51.95	15.002	
7,449.94	6,970.18	7,080.69	6,978.39	30.03	26.22	-91.28	1,367.30	-869.29	777.78	725.48	52.30	14.871	CC, ES
7,500.00	6,975.06	7,056.48	6,958.37	30.72	26.26	-89.63	1,367.75	-855.68	779.23	726.65	52.58	14.820	SF
7,600.00	6,977.71	7,010.40	6,919.04	32.26	26.34	-86.55	1,368.54	-831.70	790.01	736.94	53.06	14.888	
7,700.00	6,979.94	6,972.98	6,886.02	33.99	26.39	-84.12	1,369.12	-814.11	810.62	757.20	53.42	15.175	
7,800.00	6,982.17	6,942.34	6,858.33	35.89	26.42	-82.10	1,369.55	-801.00	840.95	787.26	53.69	15.664	
7,900.00	6,984.40	6,916.87	6,834.90	37.94	26.45	-80.41	1,369.88	-791.02	880.40	826.50	53.90	16.333	
8,000.00	6,986.62	6,900.00	6,819.19	40.10	26.47	-79.28	1,370.08	-784.87	928.11	874.03	54.08	17.161	
8,100.00	6,988.85	6,877.13	6,797.68	42.36	26.49	-77.76	1,370.34	-777.13	983.01	928.75	54.26	18.117	
8,200.00	6,991.08	6,861.38	6,782.72	44.70	26.49	-76.71	1,370.50	-772.20	1,044.14	989.72	54.43	19.185	
8,300.00	6,993.31	6,847.68	6,769.63	47.12	26.50	-75.81	1,370.63	-768.17	1,110.55	1,055.97	54.59	20.345	
8,400.00	6,995.54	6,835.67	6,758.08	49.60	26.51	-75.01	1,370.74	-764.85	1,181.42	1,126.68	54.74	21.584	

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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
4,600.00	4,467.98	4,450.98	4,450.98	16.84	155.97	-82.21	-689.20	-1,541.75	1,199.45	1,026.21	173.25	6.923	
4,700.00	4,564.55	4,547.55	4,547.55	17.30	159.39	-83.40	-689.20	-1,541.75	1,196.08	1,018.93	177.16	6.752	
4,800.00	4,661.12	4,644.12	4,644.12	17.76	162.81	-84.60	-689.20	-1,541.75	1,193.27	1,012.21	181.07	6.590	
4,900.00	4,757.69	4,740.69	4,740.69	18.23	166.23	-85.80	-689.20	-1,541.75	1,191.02	1,006.04	184.98	6.439	
5,000.00	4,854.26	4,837.26	4,837.26	18.70	169.66	-87.00	-689.20	-1,541.75	1,189.33	1,000.45	188.89	6.296	
5,100.00	4,950.83	4,933.83	4,933.83	19.17	173.08	-88.21	-689.20	-1,541.75	1,188.21	995.41	192.80	6.163	
5,200.00	5,047.40	5,030.40	5,030.40	19.64	176.50	-89.42	-689.20	-1,541.75	1,187.65	990.95	196.71	6.038	
5,248.08	5,093.83	5,076.83	5,076.83	19.87	178.14	-90.00	-689.20	-1,541.75	1,187.59	989.00	198.58	5.980 CC	
5,300.00	5,143.97	5,126.97	5,126.97	20.11	179.92	-90.63	-689.20	-1,541.75	1,187.66	987.05	200.61	5.920	
5,400.00	5,240.54	5,223.54	5,223.54	20.59	183.34	-91.84	-689.20	-1,541.75	1,188.24	983.73	204.51	5.810	
5,500.00	5,337.11	5,320.11	5,320.11	21.07	186.76	-93.04	-689.20	-1,541.75	1,189.39	980.98	208.41	5.707	
5,600.00	5,433.68	5,416.68	5,416.68	21.55	190.18	-94.25	-689.20	-1,541.75	1,191.10	978.79	212.31	5.610	
5,700.00	5,530.25	5,513.25	5,513.25	22.03	193.60	-95.45	-689.20	-1,541.75	1,193.37	977.17	216.20	5.520	
5,800.00	5,626.82	5,609.82	5,609.82	22.51	197.03	-96.65	-689.20	-1,541.75	1,196.20	976.12	220.08	5.435	
5,900.00	5,723.39	5,706.39	5,706.39	22.99	200.45	-97.84	-689.20	-1,541.75	1,199.59	975.63	223.97	5.356 ES, SF	

Offset Design5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys												Offset Site Error:	0.00 usft
Survey Program: 214-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						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	
2,500.00	2,440.01	2,633.66	2,577.75	8.60	11.36	-41.23	-199.04	-1,565.40	1,177.84	1,158.80	19.04	61.852	
2,600.00	2,536.58	2,748.61	2,687.22	8.87	12.11	-40.57	-164.17	-1,562.19	1,145.58	1,125.66	19.92	57.521	
2,700.00	2,633.15	2,840.15	2,773.70	9.16	12.74	-39.89	-134.27	-1,559.50	1,112.58	1,091.86	20.72	53.690	
2,800.00	2,729.72	2,921.69	2,851.11	9.47	13.28	-39.31	-108.75	-1,557.36	1,080.43	1,058.95	21.48	50.298	
2,900.00	2,826.29	3,000.06	2,925.78	9.80	13.79	-38.76	-84.99	-1,556.16	1,049.70	1,027.46	22.23	47.212	
3,000.00	2,922.86	3,080.49	3,002.49	10.15	14.31	-38.15	-60.80	-1,556.23	1,020.60	997.59	23.01	44.351	
3,100.00	3,019.43	3,169.13	3,087.17	10.50	14.89	-37.47	-34.60	-1,556.97	992.52	968.68	23.84	41.634	
3,200.00	3,116.00	3,256.42	3,171.03	10.87	15.43	-36.85	-10.40	-1,557.95	965.33	940.68	24.65	39.166	
3,300.00	3,212.57	3,348.72	3,260.13	11.25	15.98	-36.26	13.62	-1,559.13	938.84	913.38	25.46	36.872	
3,400.00	3,309.14	3,448.81	3,357.03	11.65	16.55	-35.66	38.68	-1,560.09	912.40	886.10	26.30	34.688	
3,500.00	3,405.71	3,542.22	3,447.74	12.04	17.07	-35.13	60.98	-1,560.71	886.04	858.94	27.10	32.692	
3,600.00	3,502.28	3,641.90	3,544.95	12.45	17.61	-34.67	83.03	-1,560.77	859.59	831.68	27.91	30.801	
3,700.00	3,598.85	3,736.01	3,636.92	12.87	18.09	-34.27	102.98	-1,560.72	833.27	804.59	28.68	29.051	
3,800.00	3,695.42	3,833.22	3,731.28	13.29	18.64	-33.62	126.31	-1,561.13	806.87	777.35	29.51	27.339	
3,900.00	3,791.99	3,936.26	3,830.33	13.72	19.28	-32.61	154.65	-1,561.77	780.06	749.64	30.42	25.642	
4,000.00	3,888.56	4,031.47	3,921.31	14.15	19.91	-31.45	182.73	-1,562.47	753.25	721.91	31.33	24.039	
4,100.00	3,985.13	4,124.70	4,010.45	14.59	20.53	-30.25	210.02	-1,563.03	726.66	694.43	32.23	22.546	
4,200.00	4,081.70	4,227.85	4,109.59	15.03	21.18	-28.98	238.50	-1,563.14	700.15	667.02	33.13	21.132	
4,300.00	4,178.27	4,319.52	4,197.58	15.48	21.77	-27.73	264.23	-1,562.78	673.43	639.44	34.00	19.808	
4,400.00	4,274.84	4,413.50	4,287.82	15.93	22.37	-26.36	290.44	-1,563.04	647.71	612.85	34.86	18.579	
4,500.00	4,371.41	4,510.38	4,380.94	16.38	22.98	-24.86	317.19	-1,563.14	622.25	586.52	35.72	17.418	
4,600.00	4,467.98	4,605.81	4,472.38	16.84	23.61	-23.17	344.45	-1,563.12	597.06	560.48	36.58	16.322	
4,700.00	4,564.55	4,697.33	4,560.19	17.30	24.19	-21.45	370.27	-1,563.40	572.72	535.32	37.40	15.313	
4,800.00	4,661.12	4,789.77	4,649.39	17.76	24.76	-19.77	394.51	-1,564.47	549.74	511.55	38.19	14.395	
4,900.00	4,757.69	4,891.21	4,747.50	18.23	25.37	-17.87	420.27	-1,565.05	526.66	487.69	38.97	13.515	
5,000.00	4,854.26	4,983.24	4,836.29	18.70	25.93	-15.90	444.46	-1,565.56	504.22	464.51	39.71	12.697	
5,100.00	4,950.83	5,076.81	4,926.58	19.17	26.50	-13.73	468.97	-1,566.69	483.08	442.66	40.42	11.951	
5,200.00	5,047.40	5,175.90	5,022.81	19.64	27.06	-11.56	492.54	-1,568.20	462.62	421.52	41.10	11.255	
5,300.00	5,143.97	5,277.12	5,121.71	20.11	27.58	-9.45	514.06	-1,569.30	441.91	400.17	41.74	10.587	
5,400.00	5,240.54	5,376.56	5,219.13	20.59	28.08	-7.33	533.97	-1,569.74	420.90	378.56	42.34	9.941	
5,500.00	5,337.11	5,478.80	5,319.54	21.07	28.56	-5.05	553.27	-1,569.42	399.46	356.56	42.90	9.311	
5,600.00	5,433.68	5,576.72	5,416.00	21.55	29.00	-2.83	570.12	-1,568.55	377.60	334.16	43.43	8.694	
5,700.00	5,530.25	5,676.89	5,514.82	22.03	29.43	-0.43	586.41	-1,567.49	355.87	311.94	43.93	8.102	
5,800.00	5,626.82	5,772.32	5,609.15	22.51	29.82	1.99	600.86	-1,566.29	334.17	289.78	44.39	7.528	
5,900.00	5,723.39	5,869.82	5,705.73	22.99	30.18	4.47	614.16	-1,565.99	313.35	268.53	44.82	6.991	
6,000.00	5,819.96	5,969.06	5,804.36	23.48	30.51	6.84	625.14	-1,566.32	292.55	247.33	45.22	6.469	
6,100.00	5,916.53	6,067.89	5,902.79	23.96	30.80	9.14	634.00	-1,566.91	271.50	225.90	45.60	5.954	
6,200.00	6,013.10	6,166.98	6,001.61	24.45	31.06	11.46	641.21	-1,567.86	250.34	204.39	45.95	5.448	
6,300.00	6,109.67	6,267.23	6,101.66	24.93	31.31	14.13	647.51	-1,568.10	228.51	182.25	46.26	4.940	
6,400.00	6,206.31	6,367.22	6,201.53	25.40	31.52	14.27	652.34	-1,567.66	206.08	159.56	46.52	4.430	
6,500.00	6,304.86	6,467.15	6,301.41	25.61	31.71	-19.60	655.23	-1,567.26	191.18	144.37	46.81	4.084	
6,572.13	6,376.65	6,539.60	6,373.86	25.70	31.83	-84.82	656.40	-1,567.41	187.96	140.81	47.15	3.986 CC, ES	
6,600.00	6,404.33	6,567.66	6,401.91	25.73	31.87	-102.00	656.71	-1,567.47	188.45	141.13	47.32	3.983 SF	
6,700.00	6,502.26	6,666.80	6,501.05	25.80	32.02	-129.43	657.42	-1,567.47	198.79	150.78	48.00	4.141	
6,800.00	6,596.25	6,761.61	6,595.86	25.88	32.15	-141.46	657.77	-1,567.19	223.89	175.12	48.77	4.591	
6,900.00	6,683.99	6,850.49	6,684.74	26.01	32.27	-149.21	657.84	-1,566.72	264.43	214.97	49.46	5.347	
7,000.00	6,763.31	6,931.01	6,765.25	26.26	32.37	-154.47	657.54	-1,566.13	319.70	269.71	49.99	6.395	
7,100.00	6,832.26	7,001.17	6,835.41	26.67	32.46	-157.76	657.15	-1,565.50	388.11	337.76	50.35	7.708	
7,200.00	6,889.14	7,059.30	6,893.53	27.31	32.54	-159.30	656.76	-1,564.91	467.57	416.99	50.58	9.244	
7,300.00	6,932.56	7,103.97	6,938.20	28.20	32.59	-158.78	656.44	-1,564.43	555.77	505.05	50.72	10.958	
7,400.00	6,961.43	7,134.16	6,968.39	29.35	32.63	-154.22	656.22	-1,564.08	650.30	599.49	50.80	12.800	
7,500.00	6,975.06	7,149.08	6,983.30	30.72	32.65	-131.36	656.11	-1,563.91	748.65	697.79	50.86	14.720	
7,600.00	6,977.71	7,152.95	6,987.18	32.26	32.65	-116.97	656.08	-1,563.86	848.30	797.40	50.90	16.665	
7,700.00	6,979.94	7,156.41	6,990.63	33.99	32.66	-119.65	656.06	-1,563.82	948.04	897.10	50.93	18.613	
7,800.00	6,982.17	7,159.87	6,994.10	35.89	32.66	-122.19	656.03	-1,563.78	1,047.81	996.85	50.95	20.563	
7,900.00	6,984.40	7,163.35	6,997.57	37.94	32.67	-124.62	656.01	-1,563.74	1,147.61	1,096.64	50.97	22.515	

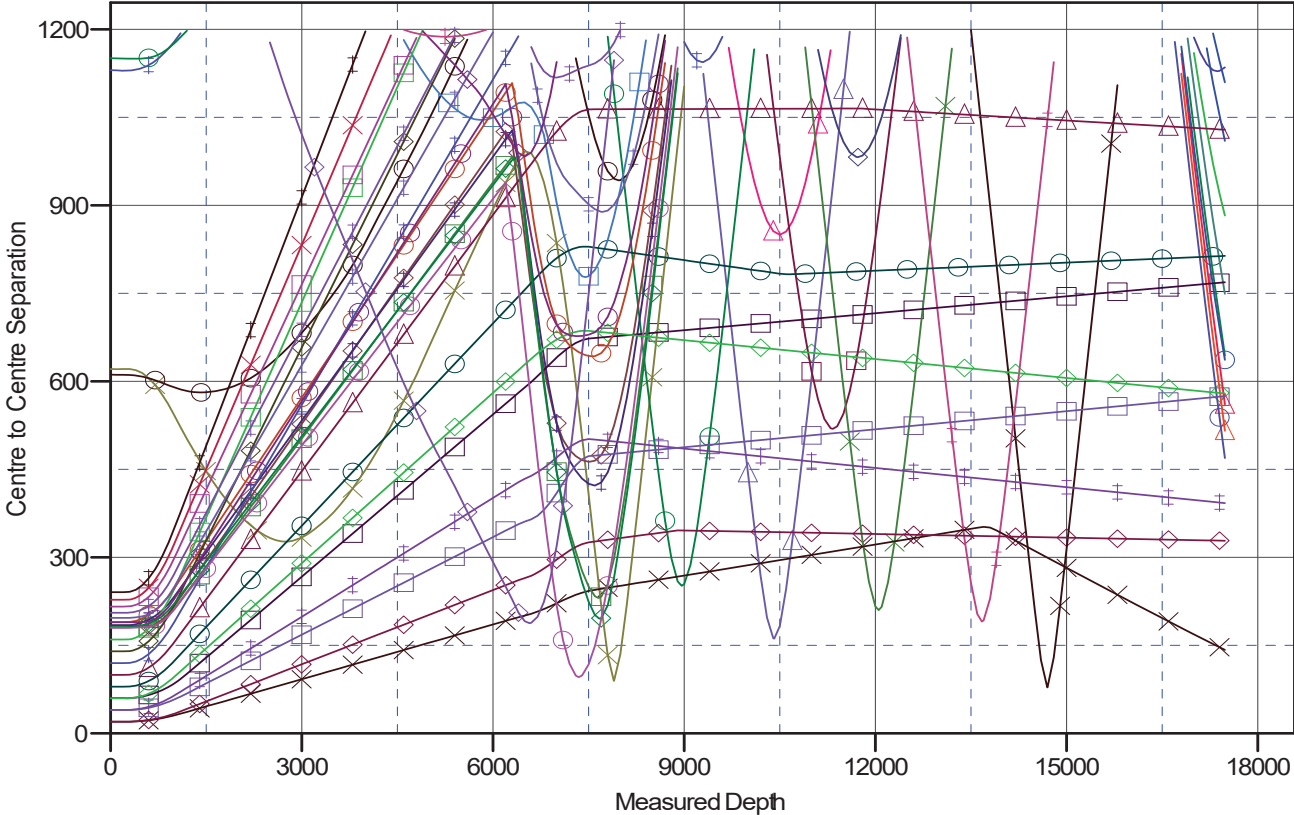
Offset Design5N-67W-12 Offsets - DETIENNE 17-12 - Noble Energy PR Well - Actual Strata Surveys													Offset Site Error:	0.00 usft
Survey Program: 96-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,757.69	4,749.35	4,657.01	18.23	21.95	-42.65	-54.29	-2,145.77	1,196.73	1,160.07	36.66	32.641		
5,000.00	4,854.26	4,852.87	4,758.99	18.70	22.42	-42.77	-42.81	-2,159.41	1,185.56	1,148.06	37.50	31.616		
5,100.00	4,950.83	4,955.75	4,860.36	19.17	22.88	-42.89	-31.15	-2,172.57	1,173.94	1,135.61	38.33	30.625		
5,200.00	5,047.40	5,051.81	4,954.99	19.64	23.31	-43.01	-20.29	-2,184.95	1,162.44	1,123.29	39.15	29.694		
5,300.00	5,143.97	5,151.93	5,053.77	20.11	23.74	-43.18	-9.92	-2,197.63	1,151.07	1,111.09	39.98	28.793		
5,400.00	5,240.54	5,253.61	5,154.25	20.59	24.17	-43.42	-0.30	-2,209.84	1,139.45	1,098.64	40.81	27.922		
5,500.00	5,337.11	5,362.11	5,261.64	21.07	24.60	-43.73	8.93	-2,222.23	1,127.69	1,086.03	41.65	27.073		
5,600.00	5,433.68	5,467.46	5,366.19	21.55	24.98	-44.13	16.95	-2,232.49	1,114.71	1,072.22	42.49	26.238		
5,700.00	5,530.25	5,553.23	5,451.34	22.03	25.28	-44.50	22.74	-2,240.88	1,102.21	1,058.95	43.26	25.479		
5,800.00	5,626.82	5,800.00	5,569.36	22.51	25.99	-45.22	27.21	-2,250.66	1,089.52	1,045.09	44.44	24.519		
5,900.00	5,723.39	5,817.67	5,715.13	22.99	25.94	-46.43	30.40	-2,255.12	1,072.50	1,027.55	44.95	23.861		
6,000.00	5,819.96	5,915.72	5,813.15	23.48	26.12	-47.31	32.37	-2,256.72	1,055.04	1,009.31	45.73	23.073		
6,100.00	5,916.53	6,011.29	5,908.71	23.96	26.28	-48.28	33.01	-2,257.60	1,037.80	991.28	46.51	22.312		
6,200.00	6,013.10	6,104.38	6,001.79	24.45	26.43	-49.33	32.32	-2,258.16	1,021.24	973.93	47.31	21.588		
6,300.00	6,109.67	6,201.38	6,098.79	24.93	26.57	-50.44	31.65	-2,258.93	1,005.20	957.10	48.10	20.897		
6,400.00	6,206.31	6,300.73	6,198.13	25.40	26.72	-54.05	31.16	-2,259.66	989.66	940.77	48.89	20.242		
6,497.68	6,302.55	6,398.74	6,296.14	25.61	26.87	-87.13	30.76	-2,260.08	983.21	933.78	49.43	19.890 CC		
6,500.00	6,304.86	6,401.03	6,298.43	25.61	26.87	-88.74	30.75	-2,260.09	983.22	933.77	49.44	19.886 ES		
6,600.00	6,404.33	6,500.92	6,398.32	25.73	27.02	-169.47	30.15	-2,260.39	990.25	940.43	49.82	19.878 SF		
6,700.00	6,502.26	6,599.47	6,496.86	25.80	27.17	166.54	29.34	-2,260.40	1,010.29	960.26	50.02	20.196		
6,800.00	6,596.25	6,692.28	6,589.67	25.88	27.30	158.32	28.66	-2,260.50	1,043.05	992.95	50.09	20.823		
6,900.00	6,683.99	6,777.32	6,674.71	26.01	27.43	153.44	27.80	-2,260.64	1,088.05	1,038.00	50.05	21.738		
7,000.00	6,763.31	6,854.88	6,752.26	26.26	27.55	149.28	26.71	-2,260.76	1,144.50	1,094.56	49.94	22.917		

Coordinates are relative to: BOST FARM 1N-8B-L

















































Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°

Ladder Plot








































LEGEND

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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|
|  | UPR7-46, Noble Energy PRWell, Actual VES Survey/0 |  | TCOONTRQ.LUBWEST 3-9-11, Etadron PRWell (Plan Only), Planned Etadron Survey/0 |  | BOSTFARM11-12, Wellcore #1, Design#1/0 |
|  | STEPHEN57-12, SRC Energy SWell, Actual VES Survey/0 |  | TCOONTRQ.LUBWEST 3-11, Etadron PRWell (Plan Only), Planned Etadron Survey/0 |  | BOSTFARM31-11, Wellcore #1, Design#1/0 |
|  | NAPOLEON7-6, Noble Energy PRWell, Actual VES Survey/0 |  | TCOMOSERLL 2-9-11 Etadron PRWell (Plan Only), Planned Etadron Survey/0 |  | BOSTFARM1N8SL, Wellcore #1, Design#1/0 |
|  | STEPHEN57-13, SRC Energy SWell, Actual VES Survey/0 |  | TCOONTRQ.LUBWEST 4-9-11, Etadron PRWell (Plan Only), Planned Etadron Survey/0 |  | BOSTFARM1N8SL, Wellcore #1, Design#1/0 |
|  | STEPHEN57-15, SRC Energy SWell, Actual VES Survey/0 |  | TCOONTRQ.LUBWEST C24-11, Etadron PRWell (Plan Only), Planned Etadron Survey/0 |  | BOSTFARM8C8-L, Wellcore #1, Design#1/0 |
|  | NAPOLEON7-3, Noble Energy PRWell, Actual VES Survey/0 |  | GreelyRhe-1-9H SRC Energy Planned Well, Planned Ensign Drilled Survey/0 |  | BOSTFARM2N11AL, Wellcore #1, Design#1/0 |
|  | UPR7-36, Noble Energy PRWell, Actual VES Survey/0 |  | BOSTFARM1N11CL, Wellcore #1, Design#1/0 |  | BOSTFARM2C8-L, Wellcore #1, Design#1/0 |
|  | STEPHEN57-14, SRC Energy SWell, Actual VES Survey/0 |  | BOSTFARM2N11CL, Wellcore #1, Design#1/0 |  | BOSTFARM2N11CL, Wellcore #1, Design#1/0 |
|  | STEPHEN57-11, SRC Energy PRWell, Actual VES Survey/0 |  | BOSTFARM2N8SL, Wellcore #1, Design#1/0 |  | BOSTFARM1C1-L, Wellcore #1, Design#1/0 |
|  | TCOONTRQ.LUBWEST A29-11, Etadron PRWell (Plan Only), Planned Etadron Survey/0 |  | BOSTFARM1N8CL, Wellcore #1, Design#1/0 |  | BOSTFARM1N1BL, Wellcore #1, Design#1/0 |
|  | WHITE83H6, SRC Energy PRWell, Actual VES Survey/0 |  | BOSTFARM32N11CL, Wellcore #1, Design#1/0 |  | BOSTFARM1N8BL, Wellcore #1, Design#1/0 |
|  | TCOONTRQ.LUBWEST 2-9-11, Etadron PRWell (Plan Only), Planned Etadron Survey/0 |  | BOSTFARM1C8-L, Wellcore #1, Design#1/0 |  | BOSTFARM1N1BL, Wellcore #1, Design#1/0 |
|  | WHITE83-L, Etadron PRWell, No Survey/0 |  | BOSTFARM1C8-L, Wellcore #1, Design#1/0 |  | BOSTFARM2C21-L, Wellcore #1, Design#1/0 |
|  | MODUS8, SRC Energy SWell, No Survey/0 |  | BOSTFARM2N11BL, Wellcore #1, Design#1/0 |  | DETENESE7-12, Noble Energy PRWell, Actual VES Survey/0 |
|  | TCOONTRQ.LUBWEST 3-9-11, Etadron PRWell (Plan Only), Planned Etadron Survey/0 |  | BOSTFARM1N8BL, Wellcore #1, Design#1/0 |  | DETENESE7-12, Noble Energy PRWell, Actual VES Survey/0 |
|  | TCOMOSERLL 3-9-11 Etadron PRWell (Plan Only), Planned Etadron Survey/0 |  | BOSTFARM1N8GL, Wellcore #1, Design#1/0 |  | BORSE3N1 Noble Energy PRWell, No Survey/0 |

Coordinates are relative to: BOST FARM 1N-8B-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°

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|  UPRC7-4-6, Noble Energy PRWell, Actual VES Survey/0
 STEPHEN5-12, SRC Energy STWWell, Actual VES Survey/0
 NPOLEON7-6, Noble Energy PRWell, Actual VES Survey/0
 STEPHEN5-13, SRC Energy STWWell, Actual VES Survey/0
 NPOLEON7-3, Noble Energy PRWell, Actual VES Survey/0
 UPRC7-4-6, Noble Energy PRWell, Actual VES Survey/0
 STEPHEN5-14, SRC Energy STWWell, Actual VES Survey/0
 STEPHEN5-11, SRC Energy PRWell, Actual VES Survey/0
 TCOOUNTYCLUBWEST A20-11, Extradon PRWell (Plan Only), Planned Extradon Survey/0
 WHITE8-3H6, SRC Energy PRWell, Actual VES Survey/0
 TCOOUNTYCLUBWEST 2-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey/0
 WHITE8-1, Extradon PRWell No Survey/0
 MOENUS-5, SRC Energy PRWell (Plan Only), Planned Extradon Survey/0
 TCOOUNTYCLUBWEST 1-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey/0
 TCMOSIERLL-3-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey/0 |  TCOOUNTYCLUBWEST 3-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey/0
 TCOOUNTYCLUBWEST C4-11, Extradon PRWell (Plan Only), Planned Extradon Survey/0
 TCMOSIERLL-2-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey/0
 TCOOUNTYCLUBWEST 4-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey/0
 TCOOUNTYCLUBWEST C3-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey/0
 GreeleyRte1-1-9-11, SRC Energy Planned Well, Extradon Ensign Drilled Survey/0
 BOST FARM11-11CL, Wellcore #1, Design #1 V0
 BOST FARM60N-11CL, Wellcore #1, Design #1 V0
 BOST FARM26N-8BL, Wellcore #1, Design #1 V0
 BOST FARM11-8CL, Wellcore #1, Design #1 V0
 BOST FARM2N-11CL, Wellcore #1, Design #1 V0
 BOST FARM10-8-CL, Wellcore #1, Design #1 V0
 BOST FARM11-8CL, Wellcore #1, Design #1 V0
 BOST FARM2N-11CL, Wellcore #1, Design #1 V0
 BOST FARM11-8CL, Wellcore #1, Design #1 V0
 BOST FARM11-1BL, Wellcore #1, Design #1 V0
 BOST FARM11-8BL, Wellcore #1, Design #1 V0
 BOST FARM11-1BL, Wellcore #1, Design #1 V0
 BOST FARM2C-11L, Wellcore #1, Design #1 V0
 DETENED-12, Noble Energy PRWell, Actual VES Survey/0
 DETENED-12, Noble Energy PRWell, Actual VES Survey/0
 BORESEN-1, Noble Energy PRWell, Actual VES Survey/0 |
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