

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
5N-66W-07 BOST FARM 5-7 PAD
BOST FARM 26N-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	17,573.34	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-8B-L - Wellbore #1 - Design #1	200.00	200.00	60.11	52.54	7.941	CC, ES
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	17,573.34	17,472.38	768.84	143.67	1.230	Level 2, SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	200.00	200.00	40.07	32.51	5.295	CC
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	17,573.34	17,577.94	454.06	-165.04	0.733	Level 1, ES, SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	200.00	200.00	20.03	12.46	2.647	CC
BOST FARM 26C-8-L - Wellbore #1 - Design #1	17,573.34	17,703.49	285.58	-221.18	0.564	Level 1, ES, SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	7,454.87	7,341.28	20.37	-36.35	0.359	Level 1, CC, ES, SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	203.00	181.15	173.58	23.931	CC, ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	7,600.00	7,238.05	246.40	189.92	4.362	SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	203.00	228.11	220.54	30.135	CC, ES
BOST FARM 31C-11-L - Wellbore #1 - Design #1	600.00	609.60	238.24	230.08	29.186	SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	200.00	203.00	216.26	208.69	28.570	CC, ES
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	700.00	714.53	226.52	218.10	26.896	SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	546.75	565.42	205.70	197.67	25.627	CC, ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	7,100.00	7,604.09	1,130.33	1,072.17	19.434	SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	203.00	284.45	276.88	37.578	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	300.00	295.57	284.99	277.34	37.255	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	269.15	261.58	35.556	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	400.00	394.74	273.58	265.81	35.216	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	220.05	212.48	29.073	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	300.00	296.97	220.54	212.89	28.826	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	200.00	192.43	26.424	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	300.00	297.41	200.46	192.80	26.200	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	100.18	92.61	13.236	CC, ES
BOST FARM 41C-8-L - Wellbore #1 - Design #1	17,573.34	17,628.05	1,135.31	516.64	1.835	SF
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	CC
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	ES
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	300.00	299.75	140.20	132.55	18.320	SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.836	CC, ES

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)		Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	300.00	299.94	120.13	112.48	15.697	SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	200.00	200.00	80.15	72.58	10.589	CC
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	200.00	200.00	80.15	72.58	10.589	ES
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	17,573.34	17,548.47	898.77	274.90	1.441	Level 3, SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	203.00	184.60	177.03	24.387	CC
BOST FARM 4C-11-L - Wellbore #1 - Design #1	300.00	299.61	184.67	177.01	24.129	ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	7,800.00	7,111.81	480.89	423.86	8.431	SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	596.60	616.88	195.82	187.69	24.081	CC
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	600.00	620.28	195.82	187.68	24.058	ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	8,000.00	6,975.08	930.54	871.69	15.811	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	625.93	646.56	188.54	180.34	22.993	CC, ES
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	7,100.00	7,544.29	754.08	695.73	12.924	SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	203.00	254.69	247.12	33.646	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	400.00	397.15	258.50	250.73	33.269	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	203.00	240.83	233.27	31.816	CC, ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	500.00	502.20	248.90	240.95	31.339	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	200.00	200.00	179.97	172.40	23.778	CC, ES
BOST FARM 8C-8-L - Wellbore #1 - Design #1	300.00	298.83	180.39	172.74	23.575	SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	200.00	200.00	159.93	152.36	21.130	CC, ES
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	300.00	299.36	160.29	152.63	20.946	SF
BOST FARM 9C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8C-L - Wellbore #1 - Design #1						Out of range
5N-66W-07 Offsets						
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-13 - SRC Energy SI Well - No Surveys						Out of range
ARIEL J 7-14 - Noble Energy SI Well - Actual VES Surve						Out of range
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	9,057.64	7,011.07	434.48	353.51	5.366	CC, ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	9,100.00	7,011.30	436.54	354.48	5.320	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	300.00	278.34	1,091.13	1,083.67	146.394	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	1,700.00	1,671.12	1,195.20	1,182.58	94.742	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	12,145.30	7,050.31	504.90	336.11	2.991	CC, ES, SF
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,507.86	7,027.09	538.56	416.91	4.427	CC, ES, SF
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su						Out of range
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su						Out of range
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	2,608.27	2,510.25	112.18	95.91	6.894	CC, ES, SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	342.71	323.41	659.33	651.83	87.990	CC, ES
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	3,800.00	3,662.62	1,106.06	1,085.18	52.987	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						Out of range
MOEN J 8-9 - SRC Energy SI Well - No Surveys						Out of range
TC AIMS 1-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 2-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 3-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 4-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS C4-9-11 - Extraction PR Well (Plan Only) - Plan						Out of range
TC AIMS C5-9-11 - Extraction PR Well (Plan Only) - Plan						Out of range
TC COUNTRY CLUB WEST 1-9-11 - Extraction PR Well	17,573.34	7,300.00	846.57	552.91	2.883	CC, ES, SF
TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well	17,573.34	7,200.00	1,114.02	795.41	3.497	CC, ES, SF
TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well						Out of range
TC COUNTRY CLUB WEST A2-9-11 - Extraction PR We						Out of range
TC COUNTRY CLUB WEST C1-9-11 - Extraction PR We	17,573.34	7,374.50	675.19	382.17	2.304	CC, ES, SF
TC COUNTRY CLUB WEST C3-9-11 - Extraction PR We						Out of range
TC HILAND KNOLLS 1-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 2-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 3-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 4-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS C6-9-11 - Extraction PR Well (Plan						Out of range
TC HILAND KNOLLS C7-9-11 - Extraction PR Well (Plan						Out of range
TC MOISER HILL 2-9-11 - Extraction PR Well (Plan Only	17,573.34	7,350.00	504.43	399.86	4.824	CC, ES, SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only	17,573.34	7,339.06	622.79	388.85	2.662	CC, ES, SF
WHITE 8-1 - Extraction PR Well - No Surveys	13,763.30	7,053.88	922.97	473.97	2.056	CC
WHITE 8-1 - Extraction PR Well - No Surveys	13,800.00	7,054.66	923.70	473.75	2.053	ES, SF
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,787.95	7,364.62	655.20	409.13	2.663	CC
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,800.00	7,364.23	655.31	408.92	2.660	ES, SF
WIEDEMAN 8-11H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-12H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S						Out of range
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES						Out of range
5N-66W-09 Offsets Incomplete						
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range
5N-66W-18 Offsets Incomplete						
LUNDVALL J 17-30D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-27D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-28D - Noble Energy PR Well - Actual VE						Out of range
5N-67W-01 Offsets Incomplete						
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann	7,551.79	7,052.61	555.42	502.18	10.433	CC, ES, SF
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann	7,547.33	7,073.91	105.62	52.24	1.979	CC, ES, SF
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range
5N-67W-02 Offsets Incomplete						
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys						Out of range
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys						Out of range
5N-67W-10 Offsets Incomplete						
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P						Out of range

Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-67W-11 Offsets Need Directional Surveys						
ARTIST 11-12 - SRC Energy SI Well - No Surveys						Out of range
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S						Out of range
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S						Out of range
SKYWAY 3-11 Approximation - Noble Energy PR Well - *						Out of range
SKYWAY 4-11 - Noble Energy PR Well - No Surveys						Out of range
SKYWAY 5-11 - Noble Energy PR Well - No Surveys						Out of range
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene						Out of range
Skyway Federal 31-11 - Noble Energy PR Well - Actual S						Out of range
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys						Out of range
UPRR 49 PAN AM B 1 - SRC Energy PR Well - No Surve						Out of range
5N-67W-12 Offsets						
BORESEN 1 - Noble Energy PR Well - No Surveys						Out of range
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys	6,253.48	6,190.08	489.56	439.28	9.736	CC, ES, SF
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata						Out of range
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata						Out of range
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy						Out of range
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy						Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima						Out of range

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.73	-60.11	-0.28	60.11				
100.00	100.00	100.00	100.00	3.28	3.28	-179.73	-60.11	-0.28	60.11	52.58	7.53	7.985	
200.00	200.00	200.00	200.00	3.30	3.30	-179.73	-60.11	-0.28	60.11	52.54	7.57	7.941	
200.00	200.00	200.00	200.00	3.30	3.30	-179.73	-60.11	-0.28	60.11	52.54	7.57	7.941	CC, ES
300.00	300.00	300.37	300.36	3.35	3.35	-126.77	-59.95	-0.69	60.21	52.56	7.65	7.867	
400.00	399.93	401.09	401.02	3.41	3.41	-126.28	-58.70	-4.01	61.09	53.31	7.78	7.853	
500.00	499.68	501.79	501.47	3.50	3.50	-125.35	-56.21	-10.63	62.85	54.89	7.95	7.904	
600.00	599.13	602.46	601.57	3.61	3.61	-124.04	-52.49	-20.55	65.51	57.33	8.18	8.011	
700.00	698.15	703.06	701.17	3.76	3.76	-122.45	-47.53	-33.74	69.10	60.63	8.46	8.164	
800.00	796.63	803.59	800.16	3.93	3.94	-120.68	-41.34	-50.19	73.64	64.82	8.82	8.347	
900.00	894.44	904.04	898.38	4.16	4.17	-118.82	-33.95	-69.86	79.15	69.88	9.27	8.540	
1,000.00	991.46	1,004.39	995.70	4.43	4.45	-116.96	-25.36	-92.72	85.65	75.84	9.81	8.729	
1,100.00	1,087.58	1,104.07	1,091.96	4.76	4.77	-116.24	-16.25	-116.95	93.44	82.99	10.45	8.940	
1,200.00	1,182.93	1,203.65	1,188.13	5.14	5.13	-117.06	-7.16	-141.15	102.45	91.28	11.16	9.178	
1,300.00	1,278.22	1,303.22	1,284.28	5.56	5.50	-117.88	1.94	-165.35	111.55	99.63	11.92	9.357	
1,400.00	1,373.52	1,402.79	1,380.44	6.00	5.90	-118.58	11.04	-189.55	120.68	107.96	12.72	9.485	
1,500.00	1,468.81	1,502.37	1,476.60	6.47	6.32	-119.17	20.14	-213.76	129.82	116.27	13.56	9.577	
1,600.00	1,564.10	1,601.94	1,572.76	6.95	6.74	-119.69	29.23	-237.96	138.97	124.56	14.41	9.641	
1,700.00	1,659.39	1,701.51	1,668.91	7.44	7.18	-120.14	38.33	-262.16	148.14	132.85	15.29	9.688	
1,800.00	1,754.69	1,801.09	1,765.07	7.72	7.42	-120.54	47.43	-286.36	157.31	141.91	15.40	10.213	
1,900.00	1,849.98	1,900.66	1,861.23	7.81	7.50	-120.90	56.52	-310.56	166.49	150.95	15.54	10.712	
2,000.00	1,945.27	2,000.23	1,957.39	7.95	7.60	-121.22	65.62	-334.77	175.67	159.92	15.75	11.153	
2,100.00	2,040.56	2,100.20	2,053.54	8.12	7.75	-121.51	74.72	-358.97	184.86	168.83	16.03	11.534	
2,200.00	2,135.86	2,200.62	2,149.70	8.33	7.92	-121.77	83.81	-383.17	194.05	177.69	16.37	11.857	
2,300.00	2,231.15	2,301.05	2,245.86	8.57	8.12	-122.01	92.91	-407.37	203.25	186.49	16.76	12.124	
2,400.00	2,326.44	2,401.48	2,342.02	8.84	8.35	-122.22	102.01	-431.57	212.45	195.23	17.22	12.339	
2,500.00	2,421.74	2,498.10	2,438.17	9.14	8.59	-122.42	111.11	-455.78	221.65	203.94	17.71	12.516	
2,600.00	2,517.03	2,602.33	2,534.33	9.47	8.88	-122.60	120.20	-479.98	230.86	212.59	18.27	12.637	
2,700.00	2,612.32	2,702.76	2,630.49	9.81	9.17	-122.77	129.30	-504.18	240.07	221.21	18.86	12.731	
2,800.00	2,707.61	2,803.19	2,726.64	10.18	9.48	-122.93	138.40	-528.38	249.27	229.79	19.48	12.794	
2,900.00	2,802.91	2,903.61	2,822.80	10.57	9.82	-123.07	147.49	-552.59	258.49	238.34	20.14	12.832	
3,000.00	2,898.20	3,004.04	2,918.96	10.97	10.16	-123.21	156.59	-576.79	267.70	246.86	20.83	12.849	
3,100.00	2,993.49	3,104.47	3,015.12	11.39	10.52	-123.33	165.69	-600.99	276.91	255.36	21.55	12.849	
3,200.00	3,088.78	3,204.89	3,111.27	11.82	10.89	-123.45	174.78	-625.19	286.13	263.83	22.29	12.835	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
3,300.00	3,184.08	3,305.32	3,207.43	12.27	11.28	-123.56	183.88	-649.39	295.34	272.29	23.06	12.809	
3,400.00	3,279.37	3,405.75	3,303.59	12.72	11.67	-123.67	192.98	-673.60	304.56	280.72	23.84	12.775	
3,500.00	3,374.66	3,506.18	3,399.75	13.18	12.07	-123.76	202.08	-697.80	313.78	289.13	24.64	12.733	
3,600.00	3,469.95	3,606.60	3,495.90	13.65	12.48	-123.86	211.17	-722.00	323.00	297.54	25.46	12.686	
3,700.00	3,565.25	3,707.03	3,592.06	14.13	12.90	-123.94	220.27	-746.20	332.22	305.92	26.29	12.635	
3,800.00	3,660.54	3,807.46	3,688.22	14.62	13.32	-124.02	229.37	-770.40	341.44	314.30	27.14	12.581	
3,900.00	3,755.83	3,907.88	3,784.38	15.11	13.75	-124.10	238.46	-794.61	350.66	322.66	28.00	12.525	
4,000.00	3,851.13	4,008.31	3,880.53	15.61	14.19	-124.18	247.56	-818.81	359.88	331.02	28.86	12.468	
4,100.00	3,946.42	4,108.74	3,976.69	16.11	14.63	-124.25	256.66	-843.01	369.10	339.36	29.74	12.410	
4,200.00	4,041.71	4,209.17	4,072.85	16.62	15.07	-124.31	265.75	-867.21	378.32	347.70	30.63	12.352	
4,300.00	4,137.00	4,309.59	4,169.01	17.13	15.52	-124.38	274.85	-891.41	387.55	356.02	31.52	12.294	
4,400.00	4,232.30	4,389.98	4,265.16	17.64	15.88	-124.44	283.95	-915.62	396.77	364.43	32.34	12.269	
4,500.00	4,327.59	4,489.55	4,361.32	18.16	16.34	-124.50	293.04	-939.82	406.00	372.75	33.24	12.213	
4,600.00	4,422.88	4,589.13	4,457.48	18.68	16.79	-124.55	302.14	-964.02	415.22	381.07	34.15	12.157	
4,700.00	4,518.17	4,688.70	4,553.64	19.21	17.25	-124.61	311.24	-988.22	424.45	389.37	35.07	12.102	
4,800.00	4,613.47	4,788.27	4,649.79	19.74	17.71	-124.66	320.34	-1,012.42	433.67	397.68	35.99	12.048	
4,900.00	4,708.76	4,887.84	4,745.95	20.27	18.17	-124.70	329.43	-1,036.63	442.90	405.97	36.92	11.995	
5,000.00	4,804.05	4,987.42	4,842.11	20.80	18.64	-124.75	338.53	-1,060.83	452.12	414.27	37.85	11.944	
5,100.00	4,899.34	5,086.99	4,938.27	21.33	19.11	-124.80	347.63	-1,085.03	461.35	422.56	38.79	11.893	
5,200.00	4,994.64	5,186.56	5,034.42	21.87	19.58	-124.84	356.72	-1,109.23	470.57	430.84	39.73	11.844	
5,300.00	5,089.93	5,286.14	5,130.58	22.41	20.05	-124.88	365.82	-1,133.43	479.80	439.13	40.67	11.796	
5,400.00	5,185.22	5,385.71	5,226.74	22.95	20.52	-124.92	374.92	-1,157.64	489.03	447.41	41.62	11.749	
5,500.00	5,280.51	5,485.28	5,322.90	23.49	21.00	-124.96	384.01	-1,181.84	498.26	455.68	42.57	11.704	
5,600.00	5,375.81	5,584.85	5,419.05	24.04	21.47	-125.00	393.11	-1,206.04	507.48	463.96	43.52	11.660	
5,700.00	5,471.10	5,684.43	5,515.21	24.58	21.95	-125.03	402.21	-1,230.24	516.71	472.23	44.48	11.616	
5,800.00	5,566.39	5,784.00	5,611.37	25.13	22.43	-125.07	411.31	-1,254.45	525.94	480.50	45.44	11.574	
5,900.00	5,661.69	5,883.57	5,707.53	25.67	22.91	-125.10	420.40	-1,278.65	535.17	488.77	46.40	11.534	
6,000.00	5,756.98	5,983.15	5,803.68	26.22	23.39	-125.13	429.50	-1,302.85	544.39	497.03	47.36	11.494	
6,100.00	5,852.27	6,082.72	5,899.84	26.77	23.88	-125.16	438.60	-1,327.05	553.62	505.29	48.33	11.455	
6,200.00	5,947.56	6,182.29	5,996.00	27.32	24.36	-125.19	447.69	-1,351.25	562.85	513.55	49.30	11.418	
6,300.00	6,042.86	6,281.86	6,092.16	27.87	24.85	-125.22	456.79	-1,375.46	572.08	521.81	50.27	11.381	
6,400.00	6,138.15	6,381.45	6,188.33	28.43	25.33	-125.25	465.89	-1,399.66	581.31	530.07	51.24	11.346	
6,500.00	6,233.56	6,481.88	6,286.86	28.95	25.58	-131.26	475.09	-1,416.13	590.47	538.68	51.79	11.401	
6,600.00	6,330.92	6,580.25	6,384.72	29.21	25.71	-166.08	484.02	-1,417.00	600.05	548.14	51.91	11.559	
6,700.00	6,429.01	6,676.91	6,479.91	29.36	25.79	148.08	492.49	-1,403.10	610.04	558.12	51.92	11.749	
6,800.00	6,525.41	6,772.05	6,570.51	29.46	25.86	121.95	500.35	-1,375.47	620.14	568.21	51.93	11.942	
6,900.00	6,617.77	6,865.87	6,654.89	29.54	25.96	109.26	507.47	-1,335.26	630.05	578.01	52.04	12.106	
7,000.00	6,703.79	6,958.57	6,731.60	29.64	26.14	102.03	513.73	-1,283.74	639.50	587.14	52.36	12.213	
7,100.00	6,781.37	7,050.36	6,799.44	29.81	26.44	97.37	519.04	-1,222.26	648.20	595.22	52.98	12.234	
7,200.00	6,848.60	7,141.41	6,857.37	30.10	26.91	94.17	523.33	-1,152.24	655.90	601.89	54.02	12.142	
7,300.00	6,903.80	7,231.93	6,904.53	30.55	27.57	91.94	526.54	-1,075.13	662.40	606.87	55.53	11.929	
7,400.00	6,945.64	7,322.07	6,940.21	31.20	28.44	90.43	528.62	-992.47	667.50	609.96	57.54	11.600	
7,500.00	6,973.08	7,412.00	6,963.89	32.08	29.51	89.52	529.56	-905.79	671.08	611.06	60.02	11.181	
7,600.00	6,985.44	7,501.89	6,975.17	33.17	30.75	89.16	529.33	-816.69	673.03	610.17	62.86	10.706	
7,700.00	6,987.78	7,600.51	6,977.70	34.47	32.27	89.15	528.19	-719.12	673.99	607.96	66.03	10.207	
7,800.00	6,989.91	7,700.51	6,979.93	35.99	34.00	89.16	526.98	-619.16	674.95	605.41	69.54	9.706	
7,900.00	6,992.03	7,800.51	6,982.16	37.71	35.90	89.17	525.78	-519.20	675.91	602.55	73.37	9.213	
8,000.00	6,994.16	7,900.52	6,984.38	39.59	37.95	89.18	524.57	-419.23	676.87	599.42	77.46	8.739	
8,100.00	6,996.29	8,000.52	6,986.61	41.62	40.11	89.19	523.37	-319.27	677.83	596.06	81.78	8.289	
8,200.00	6,998.42	8,100.53	6,988.84	43.77	42.37	89.20	522.16	-219.31	678.79	592.50	86.29	7.866	
8,300.00	7,000.55	8,200.53	6,991.07	46.02	44.72	89.21	520.96	-119.35	679.75	588.79	90.97	7.473	
8,400.00	7,002.68	8,300.54	6,993.30	48.36	47.13	89.22	519.75	-19.38	680.71	584.93	95.78	7.107	
8,500.00	7,004.81	8,400.54	6,995.53	50.77	49.61	89.23	518.55	80.58	681.67	580.96	100.72	6.768	
8,600.00	7,006.94	8,500.55	6,997.75	53.24	52.14	89.24	517.34	180.54	682.63	576.88	105.75	6.455	
8,700.00	7,009.07	8,599.45	6,999.98	55.77	54.69	89.25	516.14	280.51	683.59	572.74	110.85	6.167	
8,800.00	7,011.20	8,700.56	7,002.21	58.33	57.33	89.26	514.94	380.47	684.55	568.47	116.08	5.897	
8,900.00	7,013.33	8,800.56	7,004.44	60.94	59.97	89.27	513.73	480.43	685.51	564.16	121.36	5.649	
9,000.00	7,015.46	8,900.57	7,006.67	63.58	62.65	89.28	512.53	580.40	686.47	559.79	126.68	5.419	
9,100.00	7,017.59	9,000.57	7,008.89	66.25	65.35	89.29	511.32	680.36	687.43	555.37	132.06	5.205	
9,200.00	7,019.71	9,100.58	7,011.12	68.94	68.07	89.30	510.12	780.32	688.39	550.90	137.49	5.007	
9,300.00	7,021.84	9,200.58	7,013.35	71.66	70.81	89.31	508.91	880.29	689.35	546.40	142.96	4.822	
9,400.00	7,023.97	9,300.59	7,015.58	74.39	73.57	89.31	507.71	980.25	690.31	541.86	148.46	4.650	
9,500.00	7,026.10	9,400.59	7,017.81	77.15	76.35	89.32	506.50	1,080.21	691.27	537.28	153.99	4.489	
9,600.00	7,028.23	9,500.59	7,020.03	79.91	79.14	89.33	505.30	1,180.18	692.23	532.68	159.55	4.339	
9,700.00	7,030.36	9,599.40	7,022.26	82.70	81.91	89.34	504.09	1,280.14	693.19	528.09	165.11	4.198	
9,800.00	7,032.49	9,700.60	7,024.49	85.49	84.75	89.35	502.89	1,380.10	694.15	523.40	170.75	4.065	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,900.00	7,034.62	9,800.61	7,026.72	88.30	87.58	89.36	501.68	1,480.07	695.11	518.73	176.38	3.941	
10,000.00	7,036.75	9,900.61	7,028.95	91.11	90.41	89.37	500.48	1,580.03	696.07	514.04	182.04	3.824	
10,100.00	7,038.88	10,000.62	7,031.17	93.94	93.25	89.38	499.27	1,679.99	697.03	509.33	187.70	3.713	
10,200.00	7,041.01	10,100.62	7,033.40	96.77	96.10	89.39	498.07	1,779.96	697.99	504.61	193.39	3.609	
10,300.00	7,043.14	10,200.63	7,035.63	99.61	98.95	89.40	496.87	1,879.92	698.95	499.87	199.09	3.511	
10,400.00	7,045.27	10,300.63	7,037.86	102.46	101.81	89.41	495.66	1,979.88	699.91	495.12	204.80	3.418	
10,500.00	7,047.39	10,400.64	7,040.09	105.32	104.68	89.41	494.46	2,079.85	700.88	490.35	210.52	3.329	
10,600.00	7,049.52	10,500.64	7,042.31	108.18	107.55	89.42	493.25	2,179.81	701.84	485.58	216.26	3.245	
10,700.00	7,051.65	10,600.65	7,044.54	111.04	110.43	89.43	492.05	2,279.77	702.80	480.79	222.00	3.166	
10,800.00	7,053.78	10,700.65	7,046.77	113.92	113.31	89.44	490.84	2,379.74	703.76	476.00	227.76	3.090	
10,900.00	7,055.91	10,800.66	7,049.00	116.79	116.20	89.45	489.64	2,479.70	704.72	471.20	233.52	3.018	
11,000.00	7,058.04	10,900.66	7,051.23	119.67	119.09	89.46	488.43	2,579.66	705.68	466.39	239.29	2.949	
11,100.00	7,060.17	11,000.66	7,053.45	122.56	121.99	89.47	487.23	2,679.63	706.64	461.57	245.07	2.883	
11,200.00	7,062.30	11,100.67	7,055.68	125.45	124.88	89.48	486.02	2,779.59	707.60	456.74	250.86	2.821	
11,300.00	7,064.43	11,200.67	7,057.91	128.34	127.78	89.48	484.82	2,879.55	708.56	451.91	256.65	2.761	
11,400.00	7,066.56	11,300.68	7,060.14	131.23	130.69	89.49	483.61	2,979.52	709.52	447.07	262.45	2.703	
11,500.00	7,068.69	11,400.68	7,062.37	134.13	133.59	89.50	482.41	3,079.48	710.48	442.23	268.25	2.649	
11,600.00	7,070.82	11,500.69	7,064.59	137.03	136.50	89.51	481.21	3,179.44	711.44	437.38	274.06	2.596	
11,700.00	7,072.94	11,600.69	7,066.82	139.93	139.41	89.52	480.00	3,279.41	712.40	432.52	279.88	2.545	
11,800.00	7,075.07	11,699.30	7,069.05	142.84	142.29	89.53	478.80	3,379.37	713.36	427.70	285.66	2.497	
11,900.00	7,077.20	11,800.70	7,071.28	145.75	145.24	89.54	477.59	3,479.33	714.32	422.80	291.52	2.450	
12,000.00	7,079.33	11,900.71	7,073.51	148.66	148.16	89.54	476.39	3,579.30	715.28	417.93	297.35	2.406	
12,100.00	7,081.46	12,000.71	7,075.73	151.57	151.08	89.55	475.18	3,679.26	716.24	413.06	303.18	2.362	
12,200.00	7,083.59	12,099.28	7,077.96	154.48	153.96	89.56	473.98	3,779.22	717.20	408.23	308.98	2.321	
12,300.00	7,085.72	12,200.72	7,080.19	157.40	156.93	89.57	472.77	3,879.18	718.16	403.30	314.86	2.281	
12,400.00	7,087.85	12,300.73	7,082.42	160.32	159.85	89.58	471.57	3,979.15	719.12	398.42	320.70	2.242	
12,500.00	7,089.98	12,400.73	7,084.65	163.24	162.78	89.59	470.36	4,079.11	720.08	393.54	326.55	2.205	
12,600.00	7,092.11	12,500.73	7,086.87	166.16	165.70	89.60	469.16	4,179.07	721.04	388.65	332.40	2.169	
12,700.00	7,094.24	12,600.74	7,089.10	169.08	168.63	89.60	467.95	4,279.04	722.00	383.76	338.25	2.135	
12,800.00	7,096.37	12,700.74	7,091.33	172.00	171.56	89.61	466.75	4,379.00	722.97	378.86	344.10	2.101	
12,900.00	7,098.50	12,800.75	7,093.56	174.93	174.49	89.62	465.54	4,478.96	723.93	373.97	349.96	2.069	
13,000.00	7,100.62	12,900.75	7,095.79	177.86	177.43	89.63	464.34	4,578.93	724.89	369.07	355.82	2.037	
13,100.00	7,102.75	13,000.76	7,098.01	180.78	180.36	89.64	463.14	4,678.89	725.85	364.17	361.68	2.007	
13,200.00	7,104.88	13,100.76	7,100.24	183.71	183.29	89.65	461.93	4,778.85	726.81	359.26	367.55	1.977	
13,300.00	7,107.01	13,200.77	7,102.47	186.64	186.23	89.65	460.73	4,878.82	727.77	354.36	373.41	1.949	
13,400.00	7,109.14	13,300.77	7,104.70	189.57	189.17	89.66	459.52	4,978.78	728.73	349.45	379.28	1.921	
13,500.00	7,111.27	13,399.22	7,106.93	192.51	192.06	89.67	458.32	5,078.74	729.69	344.59	385.10	1.895	
13,600.00	7,113.40	13,500.78	7,109.16	195.44	195.04	89.68	457.11	5,178.71	730.65	339.63	391.02	1.869	
13,700.00	7,115.53	13,600.79	7,111.38	198.37	197.98	89.69	455.91	5,278.67	731.61	334.72	396.90	1.843	
13,800.00	7,117.66	13,700.79	7,113.61	201.31	200.92	89.70	454.70	5,378.63	732.57	329.80	402.77	1.819	
13,900.00	7,119.79	13,800.80	7,115.84	204.24	203.86	89.70	453.50	5,478.60	733.53	324.89	408.65	1.795	
14,000.00	7,121.92	13,900.80	7,118.07	207.18	206.80	89.71	452.29	5,578.56	734.49	319.97	414.53	1.772	
14,100.00	7,124.05	14,000.80	7,120.30	210.12	209.75	89.72	451.09	5,678.52	735.46	315.05	420.41	1.749	
14,200.00	7,126.17	14,100.81	7,122.52	213.05	212.69	89.73	449.88	5,778.49	736.42	310.13	426.29	1.728	
14,300.00	7,128.30	14,200.81	7,124.75	215.99	215.63	89.74	448.68	5,878.45	737.38	305.21	432.17	1.706	
14,400.00	7,130.43	14,300.82	7,126.98	218.93	218.58	89.74	447.47	5,978.41	738.34	300.28	438.05	1.685	
14,500.00	7,132.56	14,400.82	7,129.21	221.87	221.52	89.75	446.27	6,078.38	739.30	295.36	443.94	1.665	
14,600.00	7,134.69	14,499.17	7,131.44	224.81	224.42	89.76	445.07	6,178.34	740.26	290.48	449.78	1.646	
14,700.00	7,136.82	14,600.83	7,133.66	227.75	227.41	89.77	443.86	6,278.30	741.22	285.51	455.71	1.627	
14,800.00	7,138.95	14,700.84	7,135.89	230.70	230.36	89.78	442.66	6,378.27	742.18	280.58	461.60	1.608	
14,900.00	7,141.08	14,800.84	7,138.12	233.64	233.31	89.78	441.45	6,478.23	743.14	275.65	467.49	1.590	
15,000.00	7,143.21	14,900.85	7,140.35	236.58	236.25	89.79	440.25	6,578.19	744.10	270.72	473.38	1.572	
15,100.00	7,145.34	15,000.85	7,142.58	239.52	239.20	89.80	439.04	6,678.16	745.06	265.79	479.27	1.555	
15,200.00	7,147.47	15,100.86	7,144.80	242.47	242.15	89.81	437.84	6,778.12	746.03	260.86	485.17	1.538	
15,300.00	7,149.60	15,200.86	7,147.03	245.41	245.10	89.81	436.63	6,878.08	746.99	255.93	491.06	1.521	
15,400.00	7,151.73	15,300.87	7,149.26	248.36	248.05	89.82	435.43	6,978.05	747.95	250.99	496.95	1.505	
15,500.00	7,153.85	15,400.87	7,151.49	251.30	251.00	89.83	434.22	7,078.01	748.91	246.06	502.85	1.489 Level 3	
15,600.00	7,155.98	15,500.87	7,153.72	254.25	253.95	89.84	433.02	7,177.97	749.87	241.12	508.74	1.474 Level 3	
15,700.00	7,158.11	15,600.88	7,155.94	257.19	256.90	89.85	431.81	7,277.94	750.83	236.19	514.64	1.459 Level 3	
15,800.00	7,160.24	15,700.88	7,158.17	260.14	259.85	89.85	430.61	7,377.90	751.79	231.25	520.54	1.444 Level 3	
15,900.00	7,162.37	15,800.89	7,160.40	263.09	262.80	89.86	429.40	7,477.86	752.75	226.32	526.44	1.430 Level 3	
16,000.00	7,164.50	15,900.89	7,162.63	266.03	265.75	89.87	428.20	7,577.83	753.71	221.38	532.34	1.416 Level 3	
16,100.00	7,166.63	16,000.90	7,164.86	268.98	268.70	89.88	427.00	7,677.79	754.67	216.44	538.24	1.402 Level 3	
16,200.00	7,168.76	16,100.90	7,167.08	271.93	271.65	89.88	425.79	7,777.75	755.64	211.50	544.14	1.389 Level 3	
16,300.00	7,170.89	16,200.91	7,169.31	274.88	274.61	89.89	424.59	7,877.71	756.60</				

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1											Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
16,500.00	7,175.15	16,400.92	7,173.77	280.77	280.51	89.91	422.18	8,077.64	758.52	196.68	561.84	1.350	Level 3		
16,600.00	7,177.28	16,500.92	7,176.00	283.72	283.46	89.92	420.97	8,177.60	759.48	191.74	567.74	1.338	Level 3		
16,700.00	7,179.40	16,600.93	7,178.22	286.67	286.42	89.92	419.77	8,277.57	760.44	186.80	573.65	1.326	Level 3		
16,800.00	7,181.53	16,700.93	7,180.45	289.62	289.37	89.93	418.56	8,377.53	761.40	181.85	579.55	1.314	Level 3		
16,900.00	7,183.66	16,800.94	7,182.68	292.57	292.32	89.94	417.36	8,477.49	762.36	176.91	585.45	1.302	Level 3		
17,000.00	7,185.79	16,900.94	7,184.91	295.52	295.28	89.95	416.15	8,577.46	763.33	171.97	591.36	1.291	Level 3		
17,100.00	7,187.92	17,000.94	7,187.14	298.47	298.23	89.95	414.95	8,677.42	764.29	167.02	597.26	1.280	Level 3		
17,200.00	7,190.05	17,100.95	7,189.36	301.42	301.19	89.96	413.74	8,777.38	765.25	162.08	603.17	1.269	Level 3		
17,300.00	7,192.18	17,200.95	7,191.59	304.37	304.14	89.97	412.54	8,877.35	766.21	157.13	609.08	1.258	Level 3		
17,400.00	7,194.31	17,300.96	7,193.82	307.32	307.10	89.98	411.33	8,977.31	767.17	152.19	614.98	1.247	Level 2		
17,500.00	7,196.44	17,400.96	7,196.05	310.28	310.05	89.98	410.13	9,077.27	768.13	147.24	620.89	1.237	Level 2		
17,573.34	7,198.00	17,472.38	7,197.68	312.44	312.16	89.99	409.25	9,150.59	768.84	143.67	625.17	1.230	Level 2, SF		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-40.07	-0.28	40.07					
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-40.07	-0.28	40.07	32.55	7.53	5.324		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295 CC		
300.00	300.00	300.34	300.34	3.35	3.35	-126.65	-39.86	-0.66	40.12	32.47	7.65	5.242		
400.00	399.93	401.01	400.94	3.41	3.41	-126.24	-38.14	-3.76	40.52	32.74	7.78	5.209		
500.00	499.68	501.68	501.36	3.50	3.50	-125.44	-34.70	-9.93	41.33	33.38	7.95	5.198		
600.00	599.13	602.34	601.45	3.61	3.61	-124.31	-29.55	-19.19	42.55	34.37	8.17	5.206		
700.00	698.15	702.98	701.09	3.76	3.76	-122.89	-22.69	-31.50	44.19	35.74	8.46	5.227		
800.00	796.63	803.60	800.16	3.93	3.94	-121.27	-14.14	-46.87	46.28	37.48	8.81	5.255		
900.00	894.44	904.20	898.52	4.16	4.17	-119.50	-3.90	-65.26	48.83	39.58	9.24	5.282		
1,000.00	991.46	1,004.76	996.06	4.43	4.45	-117.67	8.00	-86.65	51.84	42.06	9.78	5.300		
1,100.00	1,087.58	1,104.94	1,092.48	4.76	4.78	-116.44	21.22	-110.39	55.52	45.10	10.42	5.326		
1,200.00	1,182.93	1,204.81	1,188.53	5.14	5.14	-117.46	34.52	-134.30	60.34	49.20	11.14	5.419		
1,300.00	1,278.22	1,304.69	1,284.59	5.56	5.53	-118.49	47.83	-158.21	65.26	53.36	11.90	5.485		
1,400.00	1,373.52	1,404.56	1,380.64	6.00	5.95	-119.38	61.14	-182.12	70.20	57.50	12.70	5.528		
1,500.00	1,468.81	1,504.43	1,476.69	6.47	6.38	-120.15	74.44	-206.02	75.15	61.62	13.53	5.554		
1,600.00	1,564.10	1,604.30	1,572.74	6.95	6.82	-120.83	87.75	-229.93	80.11	65.72	14.39	5.568		
1,700.00	1,659.39	1,704.18	1,668.79	7.44	7.27	-121.43	101.06	-253.84	85.09	69.83	15.26	5.577		
1,800.00	1,754.69	1,804.05	1,764.84	7.72	7.52	-121.96	114.36	-277.75	90.07	74.71	15.36	5.863		
1,900.00	1,849.98	1,903.92	1,860.90	7.81	7.60	-122.43	127.67	-301.65	95.06	79.57	15.49	6.138		
2,000.00	1,945.27	2,003.79	1,956.95	7.95	7.72	-122.86	140.98	-325.56	100.05	84.36	15.69	6.377		
2,100.00	2,040.56	2,103.67	2,053.00	8.12	7.87	-123.25	154.28	-349.47	105.05	89.09	15.96	6.583		
2,200.00	2,135.86	2,203.54	2,149.05	8.33	8.05	-123.60	167.59	-373.38	110.06	93.77	16.29	6.756		
2,300.00	2,231.15	2,303.41	2,245.10	8.57	8.27	-123.92	180.90	-397.28	115.07	98.39	16.68	6.898		
2,400.00	2,326.44	2,403.28	2,341.15	8.84	8.51	-124.21	194.20	-421.19	120.08	102.95	17.12	7.012		
2,500.00	2,421.74	2,503.16	2,437.20	9.14	8.77	-124.49	207.51	-445.10	125.09	107.47	17.62	7.100		
2,600.00	2,517.03	2,603.03	2,533.26	9.47	9.06	-124.74	220.82	-469.00	130.11	111.95	18.16	7.166		
2,700.00	2,612.32	2,702.90	2,629.31	9.81	9.37	-124.97	234.12	-492.91	135.13	116.39	18.74	7.212		
2,800.00	2,707.61	2,802.77	2,725.36	10.18	9.70	-125.18	247.43	-516.82	140.15	120.80	19.35	7.242		
2,900.00	2,802.91	2,902.65	2,821.41	10.57	10.05	-125.38	260.74	-540.73	145.17	125.17	20.00	7.258		
3,000.00	2,898.20	3,002.52	2,917.46	10.97	10.41	-125.57	274.04	-564.63	150.20	129.52	20.68	7.262		
3,100.00	2,993.49	3,102.39	3,013.51	11.39	10.79	-125.74	287.35	-588.54	155.22	133.84	21.39	7.257		
3,200.00	3,088.78	3,202.26	3,109.57	11.82	11.17	-125.91	300.66	-612.45	160.25	138.13	22.12	7.245		
3,300.00	3,184.08	3,302.14	3,205.62	12.27	11.57	-126.06	313.96	-636.36	165.28	142.41	22.87	7.227		
3,400.00	3,279.37	3,402.01	3,301.67	12.72	11.98	-126.21	327.27	-660.26	170.31	146.67	23.64	7.204		
3,500.00	3,374.66	3,501.88	3,397.72	13.18	12.40	-126.34	340.58	-684.17	175.34	150.91	24.43	7.177		
3,600.00	3,469.95	3,601.75	3,493.77	13.65	12.83	-126.47	353.88	-708.08	180.37	155.14	25.24	7.147		
3,700.00	3,565.25	3,701.63	3,589.82	14.13	13.26	-126.59	367.19	-731.98	185.41	159.35	26.06	7.116		
3,800.00	3,660.54	3,801.50	3,685.87	14.62	13.70	-126.71	380.50	-755.89	190.44	163.55	26.89	7.083		
3,900.00	3,755.83	3,901.37	3,781.93	15.11	14.15	-126.82	393.80	-779.80	195.47	167.74	27.73	7.049		
4,000.00	3,851.13	4,001.24	3,877.98	15.61	14.60	-126.92	407.11	-803.71	200.51	171.92	28.59	7.014		
4,100.00	3,946.42	4,101.12	3,974.03	16.11	15.06	-127.02	420.42	-827.61	205.54	176.10	29.45	6.980		
4,200.00	4,041.71	4,200.99	4,070.08	16.62	15.52	-127.11	433.72	-851.52	210.58	180.26	30.32	6.945		
4,300.00	4,137.00	4,300.86	4,166.13	17.13	15.99	-127.20	447.03	-875.43	215.62	184.41	31.20	6.910		
4,400.00	4,232.30	4,400.73	4,262.18	17.64	16.45	-127.29	460.34	-899.34	220.65	188.56	32.09	6.876		
4,500.00	4,327.59	4,500.61	4,358.23	18.16	16.93	-127.37	473.64	-923.24	225.69	192.71	32.99	6.842		
4,600.00	4,422.88	4,600.48	4,454.29	18.68	17.40	-127.45	486.95	-947.15	230.73	196.84	33.89	6.809		
4,700.00	4,518.17	4,700.35	4,550.34	19.21	17.88	-127.52	500.26	-971.06	235.77	200.98	34.79	6.776		
4,800.00	4,613.47	4,800.22	4,646.39	19.74	18.37	-127.59	513.56	-994.96	240.81	205.10	35.70	6.745		
4,900.00	4,708.76	4,900.10	4,742.44	20.27	18.85	-127.66	526.87	-1,018.87	245.85	209.23	36.62	6.713		
5,000.00	4,804.05	5,000.03	4,838.49	20.80	19.34	-127.73	540.18	-1,042.78	250.89	213.35	37.54	6.683		
5,100.00	4,899.34	5,100.16	4,934.54	21.33	19.83	-127.79	553.48	-1,066.69	255.93	217.46	38.47	6.653		
5,200.00	4,994.64	5,200.29	5,030.60	21.87	20.32	-127.85	566.79	-1,090.59	260.97	221.57	39.40	6.624		
5,300.00	5,089.93	5,300.41	5,126.65	22.41	20.82	-127.91	580.10	-1,114.50	266.01	225.68	40.33	6.596		
5,400.00	5,185.22	5,399.46	5,222.70	22.95	21.31	-127.97	593.40	-1,138.41	271.05	229.79	41.26	6.569		
5,500.00	5,280.51	5,500.67	5,318.75	23.49	21.81	-128.02	606.71	-1,162.32	276.09	233.88	42.21	6.541		
5,600.00	5,375.81	5,600.80	5,414.80	24.04	22.31	-128.08	620.02	-1,186.22	281.13	237.98	43.15	6.515		
5,700.00	5,471.10	5,700.92	5,510.85	24.58	22.81	-128.13	633.32	-1,210.13	286.17	242.08	44.10	6.490		
5,800.00	5,566.39	5,801.05	5,606.90	25.13	23.31	-128.17	646.63	-1,234.04	291.21	246.17	45.04	6.465		
5,900.00	5,661.69	5,901.18	5,702.96	25.67	23.81	-128.22	659.94	-1,257.94	296.26	250.26	45.99	6.441		
6,000.00	5,756.98	6,001.31	5,799.01	26.22	24.32	-128.27	673.24	-1,281.85	301.30	254.35	46.95	6.418		
6,100.00	5,852.27	6,101.43	5,895.06	26.77	24.82	-128.31	686.55	-1,305.76	306.34	258.44	47.90	6.395		
6,200.00	5,947.56	6,201.56	5,991.11	27.32	25.33	-128.35	699.86	-1,329.67	311.38	262.53	48.86	6.374		
6,300.00	6,042.86	6,301.69	6,087.16	27.87	25.84	-128.40	713.16	-1,353.57	316.43	266.61	49.81	6.352		
6,400.00	6,138.15	6,401.82	6,183.21	28.43	26.35	-128.44	726.47	-1,377.48	321.47	270.69	50.77	6.331		

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
6,500.00	6,233.56	6,497.99	6,279.22	28.95	26.82	-133.55	739.77	-1,401.30	326.51	274.81	51.70	6.315	
6,600.00	6,330.92	6,597.40	6,376.51	29.21	27.07	-166.43	753.24	-1,415.93	331.56	279.29	52.27	6.343	
6,700.00	6,429.01	6,697.16	6,475.23	29.36	27.21	149.61	766.92	-1,415.09	336.57	283.91	52.66	6.391	
6,800.00	6,525.41	6,797.32	6,572.98	29.46	27.30	125.27	780.45	-1,398.61	341.42	288.46	52.96	6.447	
6,900.00	6,617.77	6,897.86	6,667.32	29.54	27.37	114.23	793.50	-1,366.71	345.97	292.72	53.25	6.497	
7,000.00	6,703.79	6,998.79	6,755.84	29.64	27.49	108.50	805.75	-1,320.03	350.13	296.49	53.65	6.527	
7,100.00	6,781.37	7,100.08	6,836.23	29.81	27.69	105.17	816.87	-1,259.59	353.78	299.53	54.25	6.521	
7,200.00	6,848.60	7,201.73	6,906.33	30.10	28.03	103.09	826.56	-1,186.78	356.83	301.65	55.18	6.466	
7,300.00	6,903.80	7,303.66	6,964.23	30.55	28.57	101.76	834.56	-1,103.39	359.21	302.66	56.55	6.352	
7,400.00	6,945.64	7,405.85	7,008.30	31.20	29.36	100.94	840.64	-1,011.53	360.84	302.42	58.42	6.177	
7,500.00	6,973.08	7,508.21	7,037.31	32.08	30.41	100.49	844.63	-913.55	361.69	300.92	60.77	5.952	
7,600.00	6,985.44	7,610.69	7,050.40	33.17	31.68	100.35	846.42	-812.05	361.72	298.20	63.53	5.694	
7,700.00	6,987.78	7,711.10	7,052.83	34.47	33.14	100.37	846.73	-711.66	361.23	294.58	66.66	5.419	
7,800.00	6,989.91	7,811.10	7,055.03	35.99	34.78	100.40	847.02	-611.69	360.73	290.60	70.12	5.144	
7,900.00	6,992.03	7,911.10	7,057.22	37.71	36.61	100.42	847.30	-511.71	360.22	286.33	73.89	4.875	
8,000.00	6,994.16	8,011.10	7,059.41	39.59	38.59	100.45	847.58	-411.74	359.72	281.80	77.92	4.617	
8,100.00	6,996.29	8,111.10	7,061.61	41.62	40.70	100.47	847.86	-311.76	359.22	277.05	82.16	4.372	
8,200.00	6,998.42	8,211.10	7,063.80	43.77	42.91	100.50	848.14	-211.79	358.71	272.12	86.59	4.142	
8,300.00	7,000.55	8,311.10	7,066.00	46.02	45.22	100.52	848.42	-111.81	358.21	267.03	91.18	3.928	
8,400.00	7,002.68	8,411.09	7,068.19	48.36	47.60	100.55	848.70	-11.84	357.71	261.80	95.91	3.730	
8,500.00	7,004.81	8,511.09	7,070.38	50.77	50.05	100.57	848.98	88.13	357.21	256.46	100.75	3.545	
8,600.00	7,006.94	8,611.09	7,072.58	53.24	52.55	100.60	849.26	188.11	356.70	251.01	105.69	3.375	
8,700.00	7,009.07	8,711.09	7,074.77	55.77	55.10	100.63	849.54	288.08	356.20	245.48	110.72	3.217	
8,800.00	7,011.20	8,811.09	7,076.97	58.33	57.69	100.65	849.82	388.06	355.70	239.88	115.82	3.071	
8,900.00	7,013.33	8,911.09	7,079.16	60.94	60.32	100.68	850.10	488.03	355.19	234.20	120.99	2.936	
9,000.00	7,015.46	9,011.09	7,081.36	63.58	62.98	100.70	850.38	588.00	354.69	228.48	126.21	2.810	
9,001.96	7,015.50	9,013.05	7,081.40	63.63	63.03	100.70	850.39	589.97	354.68	228.37	126.32	2.808	
9,100.00	7,017.59	9,105.18	7,083.42	66.25	65.51	100.69	849.33	682.07	355.53	224.14	131.39	2.706	
9,200.00	7,019.71	9,205.17	7,085.62	68.94	68.23	100.67	847.91	782.03	356.69	219.97	136.73	2.609	
9,300.00	7,021.84	9,305.17	7,087.82	71.66	70.96	100.64	846.50	881.99	357.86	215.75	142.10	2.518	
9,400.00	7,023.97	9,405.16	7,090.02	74.39	73.71	100.62	845.09	981.95	359.02	211.51	147.51	2.434	
9,500.00	7,026.10	9,505.15	7,092.22	77.15	76.47	100.60	843.68	1,081.91	360.18	207.22	152.96	2.355	
9,600.00	7,028.23	9,605.15	7,094.42	79.91	79.26	100.57	842.27	1,181.86	361.34	202.91	158.43	2.281	
9,700.00	7,030.36	9,705.14	7,096.62	82.70	82.05	100.55	840.86	1,281.82	362.50	198.57	163.93	2.211	
9,800.00	7,032.49	9,805.13	7,098.82	85.49	84.86	100.53	839.45	1,381.78	363.66	194.21	169.45	2.146	
9,900.00	7,034.62	9,905.13	7,101.02	88.30	87.67	100.50	838.04	1,481.74	364.82	189.82	175.00	2.085	
10,000.00	7,036.75	10,005.12	7,103.21	91.11	90.50	100.48	836.62	1,581.70	365.98	185.42	180.56	2.027	
10,100.00	7,038.88	10,105.11	7,105.41	93.94	93.33	100.46	835.21	1,681.66	367.14	181.00	186.15	1.972	
10,200.00	7,041.01	10,205.11	7,107.61	96.77	96.18	100.44	833.80	1,781.62	368.31	176.56	191.75	1.921	
10,300.00	7,043.14	10,305.10	7,109.81	99.61	99.03	100.41	832.39	1,881.58	369.47	172.10	197.37	1.872	
10,400.00	7,045.27	10,405.09	7,112.01	102.46	101.88	100.39	830.98	1,981.54	370.63	167.63	203.00	1.826	
10,500.00	7,047.39	10,505.09	7,114.21	105.32	104.75	100.37	829.57	2,081.50	371.79	163.15	208.64	1.782	
10,600.00	7,049.52	10,605.08	7,116.41	108.18	107.62	100.35	828.16	2,181.45	372.95	158.66	214.29	1.740	
10,700.00	7,051.65	10,705.07	7,118.61	111.04	110.49	100.33	826.74	2,281.41	374.11	154.15	219.96	1.701	
10,800.00	7,053.78	10,805.06	7,120.81	113.92	113.37	100.31	825.33	2,381.37	375.28	149.64	225.64	1.663	
10,900.00	7,055.91	10,905.06	7,123.01	116.79	116.25	100.28	823.92	2,481.33	376.44	145.11	231.32	1.627	
11,000.00	7,058.04	11,005.05	7,125.20	119.67	119.14	100.26	822.51	2,581.29	377.60	140.58	237.02	1.593	
11,100.00	7,060.17	11,105.04	7,127.40	122.56	122.03	100.24	821.10	2,681.25	378.76	136.04	242.72	1.560	
11,200.00	7,062.30	11,205.04	7,129.60	125.45	124.92	100.22	819.69	2,781.21	379.92	131.49	248.43	1.529	
11,300.00	7,064.43	11,305.03	7,131.80	128.34	127.82	100.20	818.28	2,881.17	381.08	126.93	254.15	1.499 Level 3	
11,400.00	7,066.56	11,405.02	7,134.00	131.23	130.72	100.18	816.87	2,981.13	382.25	122.37	259.88	1.471 Level 3	
11,500.00	7,068.69	11,505.02	7,136.20	134.13	133.63	100.16	815.45	3,081.09	383.41	117.80	265.61	1.444 Level 3	
11,600.00	7,070.82	11,605.01	7,138.40	137.03	136.53	100.14	814.04	3,181.04	384.57	113.23	271.35	1.417 Level 3	
11,700.00	7,072.94	11,705.00	7,140.60	139.93	139.44	100.12	812.63	3,281.00	385.73	108.64	277.09	1.392 Level 3	
11,800.00	7,075.07	11,805.00	7,142.80	142.84	142.35	100.10	811.22	3,380.96	386.90	104.06	282.84	1.368 Level 3	
11,900.00	7,077.20	11,904.99	7,144.99	145.75	145.27	100.08	809.81	3,480.92	388.06	99.47	288.59	1.345 Level 3	
12,000.00	7,079.33	12,004.98	7,147.19	148.66	148.18	100.06	808.40	3,580.88	389.22	94.87	294.35	1.322 Level 3	
12,100.00	7,081.46	12,104.98	7,149.39	151.57	151.10	100.04	806.99	3,680.84	390.38	90.27	300.11	1.301 Level 3	
12,200.00	7,083.59	12,204.97	7,151.59	154.48	154.02	100.02	805.57	3,780.80	391.54	85.66	305.88	1.280 Level 3	
12,300.00	7,085.72	12,304.96	7,153.79	157.40	156.94	100.00	804.16	3,880.76	392.71	81.05	311.65	1.260 Level 3	
12,400.00	7,087.85	12,404.96	7,155.99	160.32	159.86	99.98	802.75	3,980.72	393.87	76.44	317.43	1.241 Level 2	
12,500.00	7,089.98	12,504.95	7,158.19	163.24	162.79	99.96	801.34	4,080.68	395.03	71.82	323.21	1.222 Level 2	
12,600.00	7,092.11	12,604.94	7,160.39	166.16	165.71	99.94	799.93	4,180.64	396.19	67.20	328.99	1.204 Level 2	
12,700.00	7,094.24	12,704.93	7,162.59	169.08	168.64	99.92	798.52	4,280.59	397.36	62.58	334.78	1.187 Level 2	
12,800.00	7,096.37	12,804.93	7,164.79	172.00	171.57	99.90	797.11	4,380.55	398.52	57.95	340.57	1.170 Level 2	
12,900.00	7,098.50	12,904.92	7,166.98	174.93	174.50	99.88	795.70	4,480.51	399.68	53.32	346.36	1.154 Level 2	

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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
13,000.00	7,100.62	13,004.91	7,169.18	177.86	177.43	99.87	794.28	4,580.47	400.85	48.69	352.16	1.138	Level 2			
13,100.00	7,102.75	13,104.91	7,171.38	180.78	180.36	99.85	792.87	4,680.43	402.01	44.05	357.96	1.123	Level 2			
13,200.00	7,104.88	13,204.90	7,173.58	183.71	183.30	99.83	791.46	4,780.39	403.17	39.41	363.76	1.108	Level 2			
13,300.00	7,107.01	13,304.89	7,175.78	186.64	186.23	99.81	790.05	4,880.35	404.33	34.77	369.56	1.094	Level 2			
13,400.00	7,109.14	13,404.89	7,177.98	189.57	189.17	99.79	788.64	4,980.31	405.50	30.13	375.37	1.080	Level 2			
13,500.00	7,111.27	13,504.88	7,180.18	192.51	192.10	99.77	787.23	5,080.27	406.66	25.48	381.18	1.067	Level 2			
13,600.00	7,113.40	13,604.87	7,182.38	195.44	195.04	99.75	785.82	5,180.23	407.82	20.84	386.99	1.054	Level 2			
13,700.00	7,115.53	13,704.87	7,184.58	198.37	197.98	99.74	784.40	5,280.18	408.99	16.19	392.80	1.041	Level 2			
13,800.00	7,117.66	13,804.86	7,186.78	201.31	200.92	99.72	782.99	5,380.14	410.15	11.53	398.62	1.029	Level 2			
13,900.00	7,119.79	13,904.85	7,188.97	204.24	203.86	99.70	781.58	5,480.10	411.31	6.88	404.43	1.017	Level 2			
14,000.00	7,121.92	14,004.85	7,191.17	207.18	206.80	99.68	780.17	5,580.06	412.48	2.22	410.25	1.005	Level 2			
14,100.00	7,124.05	14,104.84	7,193.37	210.12	209.74	99.67	778.76	5,680.02	413.64	-2.43	416.07	0.994	Level 1			
14,200.00	7,126.17	14,204.83	7,195.57	213.05	212.68	99.65	777.35	5,779.98	414.80	-7.09	421.90	0.983	Level 1			
14,300.00	7,128.30	14,304.83	7,197.77	215.99	215.62	99.63	775.94	5,879.94	415.97	-11.76	427.72	0.973	Level 1			
14,400.00	7,130.43	14,404.82	7,199.97	218.93	218.57	99.61	774.52	5,979.90	417.13	-16.42	433.55	0.962	Level 1			
14,500.00	7,132.56	14,504.81	7,202.17	221.87	221.51	99.60	773.11	6,079.86	418.29	-21.08	439.38	0.952	Level 1			
14,600.00	7,134.69	14,604.80	7,204.37	224.81	224.45	99.58	771.70	6,179.82	419.46	-25.75	445.21	0.942	Level 1			
14,700.00	7,136.82	14,704.80	7,206.57	227.75	227.40	99.56	770.29	6,279.77	420.62	-30.42	451.04	0.933	Level 1			
14,800.00	7,138.95	14,804.79	7,208.76	230.70	230.34	99.54	768.88	6,379.73	421.78	-35.09	456.87	0.923	Level 1			
14,900.00	7,141.08	14,904.78	7,210.96	233.64	233.29	99.53	767.47	6,479.69	422.95	-39.76	462.71	0.914	Level 1			
15,000.00	7,143.21	15,004.78	7,213.16	236.58	236.24	99.51	766.06	6,579.65	424.11	-44.43	468.54	0.905	Level 1			
15,100.00	7,145.34	15,104.77	7,215.36	239.52	239.18	99.49	764.65	6,679.61	425.27	-49.11	474.38	0.896	Level 1			
15,200.00	7,147.47	15,204.76	7,217.56	242.47	242.13	99.48	763.23	6,779.57	426.44	-53.78	480.22	0.888	Level 1			
15,300.00	7,149.60	15,304.76	7,219.76	245.41	245.08	99.46	761.82	6,879.53	427.60	-58.46	486.06	0.880	Level 1			
15,400.00	7,151.73	15,404.75	7,221.96	248.36	248.03	99.44	760.41	6,979.49	428.76	-63.13	491.90	0.872	Level 1			
15,500.00	7,153.85	15,504.74	7,224.16	251.30	250.98	99.43	759.00	7,079.45	429.93	-67.81	497.74	0.864	Level 1			
15,600.00	7,155.98	15,604.74	7,226.36	254.25	253.93	99.41	757.59	7,179.41	431.09	-72.49	503.58	0.856	Level 1			
15,700.00	7,158.11	15,704.73	7,228.56	257.19	256.88	99.40	756.18	7,279.36	432.26	-77.17	509.43	0.849	Level 1			
15,800.00	7,160.24	15,804.72	7,230.75	260.14	259.83	99.38	754.77	7,379.32	433.42	-81.86	515.28	0.841	Level 1			
15,900.00	7,162.37	15,904.72	7,232.95	263.09	262.78	99.36	753.35	7,479.28	434.58	-86.54	521.12	0.834	Level 1			
16,000.00	7,164.50	16,004.71	7,235.15	266.03	265.73	99.35	751.94	7,579.24	435.75	-91.22	526.97	0.827	Level 1			
16,100.00	7,166.63	16,104.70	7,237.35	268.98	268.68	99.33	750.53	7,679.20	436.91	-95.91	532.82	0.820	Level 1			
16,200.00	7,168.76	16,204.70	7,239.55	271.93	271.63	99.32	749.12	7,779.16	438.07	-100.59	538.67	0.813	Level 1			
16,300.00	7,170.89	16,304.69	7,241.75	274.88	274.58	99.30	747.71	7,879.12	439.24	-105.28	544.52	0.807	Level 1			
16,400.00	7,173.02	16,404.68	7,243.95	277.82	277.53	99.29	746.30	7,979.08	440.40	-109.97	550.37	0.800	Level 1			
16,500.00	7,175.15	16,504.67	7,246.15	280.77	280.49	99.27	744.89	8,079.04	441.57	-114.66	556.23	0.794	Level 1			
16,600.00	7,177.28	16,604.67	7,248.35	283.72	283.44	99.25	743.48	8,179.00	442.73	-119.35	562.08	0.788	Level 1			
16,700.00	7,179.40	16,704.66	7,250.54	286.67	286.39	99.24	742.06	8,278.95	443.90	-124.04	567.93	0.782	Level 1			
16,800.00	7,181.53	16,804.65	7,252.74	289.62	289.35	99.22	740.65	8,378.91	445.06	-128.73	573.79	0.776	Level 1			
16,900.00	7,183.66	16,904.65	7,254.94	292.57	292.30	99.21	739.24	8,478.87	446.22	-133.42	579.65	0.770	Level 1			
17,000.00	7,185.79	17,004.64	7,257.14	295.52	295.25	99.19	737.83	8,578.83	447.39	-138.12	585.50	0.764	Level 1			
17,100.00	7,187.92	17,104.63	7,259.34	298.47	298.21	99.18	736.42	8,678.79	448.55	-142.81	591.36	0.759	Level 1			
17,200.00	7,190.05	17,204.63	7,261.54	301.42	301.16	99.16	735.01	8,778.75	449.72	-147.50	597.22	0.753	Level 1			
17,300.00	7,192.18	17,304.62	7,263.74	304.37	304.11	99.15	733.60	8,878.71	450.88	-152.20	603.08	0.748	Level 1			
17,400.00	7,194.31	17,404.61	7,265.94	307.32	307.07	99.13	732.18	8,978.67	452.04	-156.90	608.94	0.742	Level 1			
17,500.00	7,196.44	17,504.61	7,268.14	310.28	310.02	99.12	730.77	9,078.63	453.21	-161.59	614.80	0.737	Level 1			
17,573.34	7,198.00	17,577.94	7,269.75	312.44	312.19	99.11	729.74	9,151.94	454.06	-165.04	619.10	0.733 Level 1, ES, SF				

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-180.00	-20.03	0.00	20.03				
100.00	100.00	100.00	100.00	3.28	3.28	-180.00	-20.03	0.00	20.03	12.51	7.53	2.661	
200.00	200.00	200.00	200.00	3.30	3.30	-180.00	-20.03	0.00	20.03	12.46	7.57	2.647	CC
200.01	200.01	200.01	200.01	3.30	3.30	180.00	-20.03	0.00	20.03	12.46	7.57	2.647	
300.00	300.00	300.18	300.18	3.35	3.35	-127.03	-19.80	-0.37	20.06	12.41	7.65	2.622	
400.00	399.93	400.55	400.48	3.41	3.41	-126.48	-17.95	-3.36	20.33	12.55	7.78	2.613	
500.00	499.68	500.92	500.60	3.50	3.50	-125.42	-14.25	-9.33	20.85	12.90	7.95	2.623	
600.00	599.13	601.28	600.40	3.61	3.61	-123.93	-8.70	-18.28	21.65	13.48	8.17	2.650	
700.00	698.15	701.63	699.77	3.76	3.76	-122.11	-1.31	-30.19	22.74	14.29	8.45	2.691	
800.00	796.63	801.98	798.57	3.93	3.94	-120.07	7.90	-45.05	24.12	15.32	8.80	2.740	
900.00	894.44	902.31	896.69	4.16	4.16	-117.91	18.93	-62.85	25.81	16.58	9.24	2.794	
1,000.00	991.46	1,002.63	994.01	4.43	4.44	-115.73	31.77	-83.54	27.82	18.05	9.77	2.846	
1,100.00	1,087.58	1,102.78	1,090.35	4.76	4.77	-114.32	46.16	-106.75	30.28	19.86	10.42	2.906	
1,200.00	1,182.93	1,202.71	1,186.36	5.14	5.13	-116.59	60.76	-130.31	33.73	22.61	11.12	3.033	
1,300.00	1,278.22	1,302.64	1,282.37	5.56	5.53	-118.70	75.36	-153.86	37.30	25.44	11.87	3.143	
1,400.00	1,373.52	1,402.56	1,378.38	6.00	5.94	-120.44	89.97	-177.41	40.92	28.27	12.65	3.235	
1,500.00	1,468.81	1,502.49	1,474.39	6.47	6.38	-121.89	104.57	-200.96	44.57	31.12	13.46	3.312	
1,600.00	1,564.10	1,602.42	1,570.40	6.95	6.82	-123.13	119.17	-224.51	48.25	33.96	14.29	3.377	
1,700.00	1,659.39	1,702.35	1,666.40	7.44	7.28	-124.19	133.77	-248.07	51.94	36.81	15.13	3.432	
1,800.00	1,754.69	1,802.27	1,762.41	7.72	7.53	-125.10	148.38	-271.62	55.65	40.45	15.20	3.660	
1,900.00	1,849.98	1,902.20	1,858.42	7.81	7.62	-125.91	162.98	-295.17	59.37	44.06	15.31	3.878	
2,000.00	1,945.27	2,002.13	1,954.43	7.95	7.73	-126.62	177.58	-318.72	63.11	47.62	15.49	4.074	
2,100.00	2,040.56	2,102.06	2,050.44	8.12	7.89	-127.24	192.19	-342.27	66.85	51.12	15.73	4.249	
2,200.00	2,135.86	2,201.98	2,146.45	8.33	8.07	-127.81	206.79	-365.82	70.60	54.56	16.04	4.402	
2,300.00	2,231.15	2,301.91	2,242.45	8.57	8.29	-128.31	221.39	-389.38	74.35	57.95	16.40	4.534	
2,400.00	2,326.44	2,401.84	2,338.46	8.84	8.53	-128.77	235.99	-412.93	78.11	61.30	16.81	4.646	
2,500.00	2,421.74	2,501.77	2,434.47	9.14	8.80	-129.18	250.60	-436.48	81.87	64.60	17.28	4.739	
2,600.00	2,517.03	2,601.69	2,530.48	9.47	9.09	-129.56	265.20	-460.03	85.64	67.86	17.78	4.816	
2,700.00	2,612.32	2,701.62	2,626.49	9.81	9.41	-129.91	279.80	-483.58	89.41	71.08	18.33	4.878	
2,800.00	2,707.61	2,801.55	2,722.50	10.18	9.74	-130.23	294.40	-507.13	93.19	74.28	18.91	4.928	
2,900.00	2,802.91	2,901.48	2,818.50	10.57	10.09	-130.52	309.01	-530.69	96.96	77.44	19.53	4.966	
3,000.00	2,898.20	3,001.40	2,914.51	10.97	10.46	-130.79	323.61	-554.24	100.74	80.57	20.17	4.995	
3,100.00	2,993.49	3,101.33	3,010.52	11.39	10.84	-131.05	338.21	-577.79	104.52	83.69	20.84	5.016	
3,200.00	3,088.78	3,201.26	3,106.53	11.82	11.23	-131.28	352.81	-601.34	108.31	86.78	21.53	5.030	
3,300.00	3,184.08	3,301.19	3,202.54	12.27	11.63	-131.50	367.42	-624.89	112.09	89.85	22.25	5.039	
3,400.00	3,279.37	3,401.11	3,298.54	12.72	12.04	-131.70	382.02	-648.44	115.88	92.90	22.98	5.043	
3,500.00	3,374.66	3,501.04	3,394.55	13.18	12.47	-131.89	396.62	-672.00	119.67	95.94	23.73	5.043	
3,600.00	3,469.95	3,600.97	3,490.56	13.65	12.90	-132.07	411.22	-695.55	123.46	98.96	24.50	5.040	
3,700.00	3,565.25	3,700.90	3,586.57	14.13	13.34	-132.24	425.83	-719.10	127.25	101.97	25.28	5.034	
3,800.00	3,660.54	3,800.82	3,682.58	14.62	13.78	-132.40	440.43	-742.65	131.04	104.97	26.07	5.026	
3,900.00	3,755.83	3,900.75	3,778.59	15.11	14.23	-132.55	455.03	-766.20	134.83	107.96	26.87	5.017	
4,000.00	3,851.13	4,000.68	3,874.59	15.61	14.69	-132.69	469.64	-789.75	138.62	110.93	27.69	5.007	
4,100.00	3,946.42	4,100.61	3,970.60	16.11	15.15	-132.83	484.24	-813.31	142.42	113.91	28.51	4.995	
4,200.00	4,041.71	4,200.53	4,066.61	16.62	15.61	-132.96	498.84	-836.86	146.21	116.87	29.34	4.983	
4,300.00	4,137.00	4,300.46	4,162.62	17.13	16.09	-133.08	513.44	-860.41	150.01	119.82	30.18	4.970	
4,400.00	4,232.30	4,400.39	4,258.63	17.64	16.56	-133.19	528.05	-883.96	153.80	122.77	31.03	4.956	
4,500.00	4,327.59	4,500.32	4,354.64	18.16	17.04	-133.30	542.65	-907.51	157.60	125.71	31.89	4.943	
4,600.00	4,422.88	4,600.24	4,450.64	18.68	17.52	-133.41	557.25	-931.06	161.40	128.65	32.75	4.929	
4,700.00	4,518.17	4,700.17	4,546.65	19.21	18.00	-133.51	571.85	-954.62	165.19	131.58	33.61	4.915	
4,800.00	4,613.47	4,800.10	4,642.66	19.74	18.49	-133.60	586.46	-978.17	168.99	134.51	34.48	4.901	
4,900.00	4,708.76	4,900.03	4,738.67	20.27	18.98	-133.69	601.06	-1,001.72	172.79	137.43	35.36	4.887	
5,000.00	4,804.05	5,000.05	4,834.68	20.80	19.47	-133.78	615.66	-1,025.27	176.59	140.35	36.24	4.873	
5,100.00	4,899.34	5,100.12	4,930.68	21.33	19.96	-133.86	630.26	-1,048.82	180.39	143.27	37.12	4.859	
5,200.00	4,994.64	5,200.19	5,026.69	21.87	20.46	-133.94	644.87	-1,072.37	184.19	146.18	38.01	4.846	
5,300.00	5,089.93	5,300.27	5,122.70	22.41	20.96	-134.02	659.47	-1,095.93	187.99	149.09	38.90	4.832	
5,400.00	5,185.22	5,400.34	5,218.71	22.95	21.46	-134.09	674.07	-1,119.48	191.79	151.99	39.80	4.819	
5,500.00	5,280.51	5,500.41	5,314.72	23.49	21.96	-134.16	688.68	-1,143.03	195.59	154.89	40.70	4.806	
5,600.00	5,375.81	5,599.52	5,410.73	24.04	22.46	-134.23	703.28	-1,166.58	199.39	157.80	41.59	4.794	
5,700.00	5,471.10	5,699.45	5,506.73	24.58	22.96	-134.30	717.88	-1,190.13	203.19	160.70	42.50	4.782	
5,800.00	5,566.39	5,800.63	5,602.74	25.13	23.47	-134.36	732.48	-1,213.68	206.99	163.59	43.41	4.769	
5,900.00	5,661.69	5,900.70	5,698.75	25.67	23.98	-134.42	747.09	-1,237.24	210.80	166.48	44.31	4.757	
6,000.00	5,756.98	6,000.77	5,794.76	26.22	24.48	-134.48	761.69	-1,260.79	214.60	169.37	45.22	4.745	
6,100.00	5,852.27	6,099.15	5,890.77	26.77	24.98	-134.54	776.29	-1,284.34	218.40	172.27	46.13	4.735	
6,200.00	5,947.56	6,200.92	5,986.78	27.32	25.50	-134.59	790.89	-1,307.89	222.20	175.15	47.05	4.723	
6,300.00	6,042.86	6,300.99	6,082.78	27.87	26.01	-134.64	805.50	-1,331.44	226.00	178.04	47.97	4.712	
6,400.00	6,138.15	6,401.06	6,178.79	28.43	26.53	-134.69	820.10	-1,354.99	229.81	180.92	48.88	4.701	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,233.56	6,498.86	6,274.80	28.95	27.03	-139.73	834.70	-1,378.54	233.55	183.74	49.81	4.689	
6,600.00	6,330.92	6,598.05	6,370.10	29.21	27.54	-170.02	849.20	-1,401.92	236.25	184.92	51.33	4.602	
6,700.00	6,429.01	6,695.03	6,464.39	29.36	27.86	150.66	863.51	-1,418.98	239.46	186.28	53.18	4.503	
6,800.00	6,525.41	6,794.95	6,563.06	29.46	28.03	130.85	878.42	-1,421.29	244.39	189.76	54.63	4.474	
6,900.00	6,617.77	6,898.42	6,664.32	29.54	28.13	124.11	893.66	-1,407.22	250.82	195.21	55.62	4.510	
7,000.00	6,703.79	7,005.74	6,765.53	29.64	28.21	122.31	908.80	-1,375.33	258.35	202.24	56.11	4.604	
7,100.00	6,781.37	7,117.09	6,863.41	29.81	28.33	122.43	923.37	-1,324.58	266.43	210.27	56.16	4.744	
7,200.00	6,848.60	7,232.49	6,954.03	30.10	28.55	123.27	936.75	-1,254.65	274.39	218.48	55.90	4.908	
7,300.00	6,903.80	7,351.73	7,032.99	30.55	28.97	124.28	948.29	-1,166.30	281.56	225.93	55.63	5.062	
7,400.00	6,945.64	7,474.29	7,095.75	31.20	29.69	125.17	957.32	-1,061.63	287.31	231.62	55.69	5.160	
7,500.00	6,973.08	7,599.38	7,138.19	32.08	30.77	125.77	963.22	-944.32	291.11	234.72	56.39	5.162	
7,600.00	6,985.44	7,725.91	7,157.24	33.17	32.24	126.01	965.56	-819.47	292.60	234.64	57.96	5.048	
7,700.00	6,987.78	7,830.16	7,159.85	34.47	33.69	126.04	965.50	-715.25	292.55	232.00	60.56	4.831	
7,800.00	6,989.91	7,930.16	7,162.05	35.99	35.29	126.06	965.39	-615.28	292.48	229.00	63.48	4.608	
7,900.00	6,992.03	8,030.16	7,164.24	37.71	37.07	126.09	965.29	-515.30	292.40	225.77	66.63	4.388	
8,000.00	6,994.16	8,130.16	7,166.44	39.59	39.01	126.12	965.19	-415.33	292.33	222.34	69.99	4.177	
8,100.00	6,996.29	8,230.16	7,168.64	41.62	41.08	126.14	965.09	-315.35	292.26	218.74	73.52	3.975	
8,200.00	6,998.42	8,330.16	7,170.84	43.77	43.27	126.17	964.99	-215.37	292.18	214.99	77.20	3.785	
8,300.00	7,000.55	8,430.16	7,173.04	46.02	45.55	126.20	964.89	-115.40	292.11	211.11	81.00	3.606	
8,400.00	7,002.68	8,530.16	7,175.23	48.36	47.91	126.23	964.78	-15.42	292.04	207.12	84.92	3.439	
8,500.00	7,004.81	8,630.16	7,177.43	50.77	50.34	126.25	964.68	84.55	291.96	203.03	88.93	3.283	
8,600.00	7,006.94	8,730.16	7,179.63	53.24	52.82	126.28	964.58	184.53	291.89	198.87	93.02	3.138	
8,700.00	7,009.07	8,830.16	7,181.83	55.77	55.36	126.31	964.48	284.50	291.82	194.63	97.19	3.003	
8,800.00	7,011.20	8,930.16	7,184.03	58.33	57.94	126.34	964.38	384.48	291.74	190.33	101.41	2.877	
8,900.00	7,013.33	9,030.16	7,186.22	60.94	60.55	126.36	964.27	484.46	291.67	185.98	105.69	2.760	
9,000.00	7,015.46	9,130.16	7,188.42	63.58	63.20	126.39	964.17	584.43	291.60	181.58	110.02	2.650	
9,100.00	7,017.59	9,230.16	7,190.62	66.25	65.87	126.42	964.07	684.41	291.52	177.13	114.39	2.549	
9,200.00	7,019.71	9,330.16	7,192.82	68.94	68.57	126.45	963.97	784.38	291.45	172.66	118.79	2.453	
9,300.00	7,021.84	9,430.16	7,195.02	71.66	71.29	126.47	963.87	884.36	291.38	168.15	123.23	2.364	
9,400.00	7,023.97	9,530.16	7,197.21	74.39	74.03	126.50	963.77	984.33	291.30	163.61	127.70	2.281	
9,500.00	7,026.10	9,630.16	7,199.41	77.15	76.79	126.53	963.66	1,084.31	291.23	159.04	132.19	2.203	
9,600.00	7,028.23	9,730.16	7,201.61	79.91	79.56	126.56	963.56	1,184.29	291.16	154.46	136.70	2.130	
9,700.00	7,030.36	9,830.16	7,203.81	82.70	82.35	126.58	963.46	1,284.26	291.09	149.85	141.23	2.061	
9,800.00	7,032.49	9,930.16	7,206.01	85.49	85.15	126.61	963.36	1,384.24	291.01	145.23	145.78	1.996	
9,900.00	7,034.62	10,030.16	7,208.21	88.30	87.95	126.64	963.26	1,484.21	290.94	140.59	150.35	1.935	
10,000.00	7,036.75	10,130.16	7,210.40	91.11	90.77	126.67	963.16	1,584.19	290.87	135.94	154.93	1.877	
10,100.00	7,038.88	10,230.16	7,212.60	93.94	93.60	126.69	963.05	1,684.16	290.80	131.27	159.52	1.823	
10,200.00	7,041.01	10,330.16	7,214.80	96.77	96.44	126.72	962.95	1,784.14	290.72	126.59	164.13	1.771	
10,300.00	7,043.14	10,430.16	7,217.00	99.61	99.28	126.75	962.85	1,884.12	290.65	121.91	168.74	1.722	
10,400.00	7,045.27	10,530.16	7,219.20	102.46	102.13	126.78	962.75	1,984.09	290.58	117.21	173.37	1.676	
10,500.00	7,047.39	10,630.16	7,221.39	105.32	104.99	126.80	962.65	2,084.07	290.51	112.51	178.00	1.632	
10,600.00	7,049.52	10,730.15	7,223.59	108.18	107.85	126.83	962.54	2,184.04	290.43	107.80	182.64	1.590	
10,700.00	7,051.65	10,830.15	7,225.79	111.04	110.72	126.86	962.44	2,284.02	290.36	103.08	187.28	1.550	
10,800.00	7,053.78	10,930.15	7,227.99	113.92	113.59	126.89	962.34	2,383.99	290.29	98.36	191.93	1.512	
10,900.00	7,055.91	11,030.15	7,230.19	116.79	116.46	126.91	962.24	2,483.97	290.22	93.63	196.59	1.476 Level 3	
11,000.00	7,058.04	11,130.15	7,232.38	119.67	119.35	126.94	962.14	2,583.94	290.15	88.90	201.25	1.442 Level 3	
11,100.00	7,060.17	11,230.15	7,234.58	122.56	122.23	126.97	962.04	2,683.92	290.07	84.16	205.92	1.409 Level 3	
11,200.00	7,062.30	11,330.15	7,236.78	125.45	125.12	127.00	961.93	2,783.90	290.00	79.42	210.58	1.377 Level 3	
11,300.00	7,064.43	11,430.15	7,238.98	128.34	128.01	127.02	961.83	2,883.87	289.93	74.68	215.25	1.347 Level 3	
11,400.00	7,066.56	11,530.15	7,241.18	131.23	130.91	127.05	961.73	2,983.85	289.86	69.93	219.93	1.318 Level 3	
11,500.00	7,068.69	11,630.15	7,243.37	134.13	133.81	127.08	961.63	3,083.82	289.79	65.18	224.60	1.290 Level 3	
11,600.00	7,070.82	11,730.15	7,245.57	137.03	136.71	127.11	961.53	3,183.80	289.72	60.43	229.28	1.264 Level 3	
11,700.00	7,072.94	11,830.15	7,247.77	139.93	139.61	127.14	961.43	3,283.77	289.65	55.68	233.96	1.238 Level 2	
11,800.00	7,075.07	11,930.15	7,249.97	142.84	142.52	127.16	961.32	3,383.75	289.57	50.93	238.64	1.213 Level 2	
11,900.00	7,077.20	12,030.15	7,252.17	145.75	145.43	127.19	961.22	3,483.73	289.50	46.18	243.33	1.190 Level 2	
12,000.00	7,079.33	12,130.15	7,254.36	148.66	148.34	127.22	961.12	3,583.70	289.43	41.42	248.01	1.167 Level 2	
12,100.00	7,081.46	12,230.15	7,256.56	151.57	151.25	127.25	961.02	3,683.68	289.36	36.67	252.69	1.145 Level 2	
12,200.00	7,083.59	12,330.15	7,258.76	154.48	154.16	127.27	960.92	3,783.65	289.29	31.92	257.37	1.124 Level 2	
12,300.00	7,085.72	12,430.15	7,260.96	157.40	157.08	127.30	960.81	3,883.63	289.22	27.16	262.06	1.104 Level 2	
12,400.00	7,087.85	12,530.15	7,263.16	160.32	160.00	127.33	960.71	3,983.60	289.15	22.41	266.74	1.084 Level 2	
12,500.00	7,089.98	12,630.15	7,265.35	163.24	162.92	127.36	960.61	4,083.58	289.08	17.65	271.43	1.065 Level 2	
12,600.00	7,092.11	12,730.15	7,267.55	166.16	165.84	127.39	960.51	4,183.56	289.01	12.90	276.11	1.047 Level 2	
12,700.00	7,094.24	12,830.15	7,269.75	169.08	168.76	127.41	960.41	4,283.53	288.94	8.14	280.79	1.029 Level 2	
12,800.00	7,096.37	12,930.15	7,271.95	172.00	171.69	127.44	960.31	4,383.51	288.87	3.39	285.47	1.012 Level 2	
12,900.00	7,098.50	13,030.15	7,274.15	174.93	174.61	127.47	960.20	4,483.48	288.79	-1.36	290.16	0.995 Level 1	
13,000.00	7,100.62	13,130.15	7,276.35	177.86	177.54	127.50	960.10	4,583.46	288.72	-6.11	294.84	0.979 Level 1	

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
13,100.00	7,102.75	13,230.15	7,278.54	180.78	180.47	127.53	960.00	4,683.43	288.65	-10.86	299.52	0.964	Level 1
13,200.00	7,104.88	13,330.15	7,280.74	183.71	183.40	127.55	959.90	4,783.41	288.58	-15.61	304.19	0.949	Level 1
13,300.00	7,107.01	13,430.15	7,282.94	186.64	186.33	127.58	959.80	4,883.39	288.51	-20.36	308.87	0.934	Level 1
13,400.00	7,109.14	13,530.15	7,285.14	189.57	189.26	127.61	959.69	4,983.36	288.44	-25.10	313.55	0.920	Level 1
13,500.00	7,111.27	13,630.15	7,287.34	192.51	192.19	127.64	959.59	5,083.34	288.37	-29.85	318.22	0.906	Level 1
13,600.00	7,113.40	13,730.15	7,289.53	195.44	195.12	127.67	959.49	5,183.31	288.30	-34.59	322.90	0.893	Level 1
13,700.00	7,115.53	13,830.15	7,291.73	198.37	198.06	127.69	959.39	5,283.29	288.23	-39.33	327.57	0.880	Level 1
13,800.00	7,117.66	13,930.15	7,293.93	201.31	200.99	127.72	959.29	5,383.26	288.16	-44.07	332.24	0.867	Level 1
13,900.00	7,119.79	14,030.15	7,296.13	204.24	203.93	127.75	959.19	5,483.24	288.09	-48.81	336.90	0.855	Level 1
14,000.00	7,121.92	14,130.15	7,298.33	207.18	206.86	127.78	959.08	5,583.21	288.02	-53.55	341.57	0.843	Level 1
14,100.00	7,124.05	14,230.15	7,300.52	210.12	209.80	127.81	958.98	5,683.19	287.95	-58.28	346.24	0.832	Level 1
14,200.00	7,126.17	14,330.15	7,302.72	213.05	212.74	127.83	958.88	5,783.17	287.88	-63.01	350.90	0.820	Level 1
14,300.00	7,128.30	14,430.15	7,304.92	215.99	215.68	127.86	958.78	5,883.14	287.81	-67.74	355.56	0.809	Level 1
14,400.00	7,130.43	14,530.15	7,307.12	218.93	218.61	127.89	958.68	5,983.12	287.75	-72.47	360.22	0.799	Level 1
14,500.00	7,132.56	14,630.15	7,309.32	221.87	221.55	127.92	958.58	6,083.09	287.68	-77.20	364.87	0.788	Level 1
14,600.00	7,134.69	14,730.15	7,311.51	224.81	224.49	127.95	958.47	6,183.07	287.61	-81.92	369.53	0.778	Level 1
14,700.00	7,136.82	14,830.15	7,313.71	227.75	227.44	127.98	958.37	6,283.04	287.54	-86.64	374.18	0.768	Level 1
14,800.00	7,138.95	14,930.15	7,315.91	230.70	230.38	128.00	958.27	6,383.02	287.47	-91.36	378.83	0.759	Level 1
14,900.00	7,141.08	15,030.15	7,318.11	233.64	233.32	128.03	958.17	6,483.00	287.40	-96.08	383.48	0.749	Level 1
15,000.00	7,143.21	15,130.15	7,320.31	236.58	236.26	128.06	958.07	6,582.97	287.33	-100.79	388.12	0.740	Level 1
15,100.00	7,145.34	15,230.15	7,322.50	239.52	239.20	128.09	957.96	6,682.95	287.26	-105.50	392.77	0.731	Level 1
15,200.00	7,147.47	15,330.15	7,324.70	242.47	242.15	128.12	957.86	6,782.92	287.19	-110.21	397.41	0.723	Level 1
15,300.00	7,149.60	15,430.15	7,326.90	245.41	245.09	128.14	957.76	6,882.90	287.12	-114.92	402.04	0.714	Level 1
15,400.00	7,151.73	15,530.15	7,329.10	248.36	248.04	128.17	957.66	6,982.87	287.05	-119.63	406.68	0.706	Level 1
15,500.00	7,153.85	15,630.15	7,331.30	251.30	250.98	128.20	957.56	7,082.85	286.99	-124.33	411.31	0.698	Level 1
15,600.00	7,155.98	15,730.15	7,333.49	254.25	253.93	128.23	957.46	7,182.83	286.92	-129.03	415.94	0.690	Level 1
15,700.00	7,158.11	15,830.15	7,335.69	257.19	256.87	128.26	957.35	7,282.80	286.85	-133.72	420.57	0.682	Level 1
15,800.00	7,160.24	15,930.15	7,337.89	260.14	259.82	128.29	957.25	7,382.78	286.78	-138.42	425.20	0.674	Level 1
15,900.00	7,162.37	16,030.15	7,340.09	263.09	262.77	128.31	957.15	7,482.75	286.71	-143.11	429.82	0.667	Level 1
16,000.00	7,164.50	16,130.15	7,342.29	266.03	265.71	128.34	957.05	7,582.73	286.64	-147.80	434.44	0.660	Level 1
16,100.00	7,166.63	16,230.15	7,344.49	268.98	268.66	128.37	956.95	7,682.70	286.57	-152.48	439.06	0.653	Level 1
16,200.00	7,168.76	16,330.15	7,346.68	271.93	271.61	128.40	956.85	7,782.68	286.51	-157.17	443.67	0.646	Level 1
16,300.00	7,170.89	16,430.15	7,348.88	274.88	274.55	128.43	956.74	7,882.65	286.44	-161.85	448.28	0.639	Level 1
16,400.00	7,173.02	16,530.15	7,351.08	277.82	277.50	128.46	956.64	7,982.63	286.37	-166.52	452.89	0.632	Level 1
16,500.00	7,175.15	16,630.15	7,353.28	280.77	280.45	128.48	956.54	8,082.61	286.30	-171.20	457.50	0.626	Level 1
16,600.00	7,177.28	16,730.15	7,355.48	283.72	283.40	128.51	956.44	8,182.58	286.23	-175.87	462.10	0.619	Level 1
16,700.00	7,179.40	16,830.15	7,357.67	286.67	286.35	128.54	956.34	8,282.56	286.17	-180.54	466.70	0.613	Level 1
16,800.00	7,181.53	16,930.15	7,359.87	289.62	289.30	128.57	956.23	8,382.53	286.10	-185.20	471.30	0.607	Level 1
16,900.00	7,183.66	17,030.15	7,362.07	292.57	292.25	128.60	956.13	8,482.51	286.03	-189.87	475.90	0.601	Level 1
17,000.00	7,185.79	17,130.15	7,364.27	295.52	295.20	128.63	956.03	8,582.48	285.96	-194.53	480.49	0.595	Level 1
17,100.00	7,187.92	17,230.15	7,366.47	298.47	298.15	128.66	955.93	8,682.46	285.89	-199.18	485.08	0.589	Level 1
17,200.00	7,190.05	17,330.15	7,368.66	301.42	301.10	128.68	955.83	8,782.44	285.83	-203.84	489.66	0.584	Level 1
17,300.00	7,192.18	17,430.15	7,370.86	304.37	304.05	128.71	955.73	8,882.41	285.76	-208.49	494.25	0.578	Level 1
17,400.00	7,194.31	17,530.15	7,373.06	307.32	307.00	128.74	955.62	8,982.39	285.69	-213.14	498.83	0.573	Level 1
17,500.00	7,196.44	17,630.15	7,375.26	310.28	309.95	128.77	955.52	9,082.36	285.63	-217.78	503.41	0.567	Level 1
17,573.34	7,198.00	17,703.49	7,376.87	312.44	312.12	128.79	955.45	9,155.69	285.58	-221.18	506.76	0.564	Level 1, ES, SF

Offset Design5N-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	90.46	-1.45	180.15	180.15				
100.00	100.00	103.00	97.00	3.28	3.28	90.46	-1.45	180.15	180.15	172.63	7.53	23.933	
200.00	200.00	203.00	197.00	3.30	3.30	90.46	-1.45	180.15	180.15	172.58	7.57	23.800	
200.40	200.40	202.60	197.40	3.30	3.30	90.46	-1.45	180.15	180.15	172.58	7.57	23.800	
300.00	300.00	298.58	298.57	3.35	3.34	143.33	-1.10	179.94	180.30	172.65	7.65	23.558	
400.00	399.93	401.92	401.84	3.41	3.41	143.02	2.01	178.10	181.30	173.52	7.78	23.302	
500.00	499.68	505.21	504.87	3.50	3.51	142.38	8.33	174.37	183.25	175.30	7.95	23.048	
600.00	599.13	608.42	607.49	3.61	3.63	141.43	17.82	168.75	186.19	178.02	8.17	22.794	
700.00	698.15	711.53	709.53	3.76	3.77	140.21	30.48	161.26	190.16	181.73	8.44	22.538	
800.00	796.63	814.49	810.84	3.93	3.96	138.74	46.26	151.93	195.21	186.44	8.77	22.257	
900.00	894.44	915.40	909.57	4.16	4.18	137.26	64.23	141.30	201.68	192.50	9.18	21.980	
1,000.00	991.46	1,014.96	1,006.92	4.43	4.43	136.44	82.19	130.68	210.65	201.00	9.64	21.843	
1,100.00	1,087.58	1,114.29	1,104.04	4.76	4.70	136.28	100.11	120.08	222.15	211.98	10.17	21.844	
1,200.00	1,182.93	1,213.37	1,200.92	5.14	4.99	136.67	117.99	109.51	235.59	224.85	10.74	21.927	
1,300.00	1,278.22	1,312.42	1,297.77	5.56	5.30	137.10	135.86	98.94	249.18	237.82	11.35	21.946	
1,400.00	1,373.52	1,411.48	1,394.63	6.00	5.62	137.49	153.73	88.37	262.78	250.79	11.99	21.908	
1,500.00	1,468.81	1,510.53	1,491.48	6.47	5.95	137.84	171.61	77.80	276.39	263.73	12.66	21.829	
1,600.00	1,564.10	1,609.59	1,588.34	6.95	6.30	138.15	189.48	67.23	290.01	276.66	13.35	21.724	
1,700.00	1,659.39	1,708.65	1,685.19	7.44	6.63	138.44	207.35	56.66	303.64	289.60	14.04	21.623	
1,800.00	1,754.69	1,807.70	1,782.05	7.72	6.82	138.70	225.22	46.09	317.28	303.23	14.05	22.585	
1,900.00	1,849.98	1,906.76	1,878.90	7.81	6.88	138.94	243.10	35.52	330.92	316.78	14.15	23.394	
2,000.00	1,945.27	2,005.81	1,975.76	7.95	6.96	139.17	260.97	24.95	344.57	330.27	14.30	24.104	
2,100.00	2,040.56	2,104.87	2,072.61	8.12	7.06	139.37	278.84	14.38	358.22	343.73	14.49	24.713	
2,200.00	2,135.86	2,203.93	2,169.47	8.33	7.19	139.56	296.71	3.81	371.88	357.13	14.74	25.222	
2,300.00	2,231.15	2,302.98	2,266.32	8.57	7.34	139.74	314.58	-6.76	385.54	370.50	15.04	25.635	
2,400.00	2,326.44	2,402.04	2,363.18	8.84	7.51	139.90	332.46	-17.33	399.20	383.82	15.38	25.962	
2,500.00	2,421.74	2,501.09	2,460.04	9.14	7.70	140.06	350.33	-27.90	412.87	397.11	15.75	26.209	
2,600.00	2,517.03	2,600.15	2,556.89	9.47	7.90	140.20	368.20	-38.47	426.54	410.37	16.17	26.385	
2,700.00	2,612.32	2,700.80	2,653.75	9.81	8.13	140.33	386.07	-49.04	440.21	423.59	16.62	26.493	
2,800.00	2,707.61	2,801.74	2,750.60	10.18	8.37	140.46	403.95	-59.61	453.88	436.78	17.10	26.546	
2,900.00	2,802.91	2,902.68	2,847.46	10.57	8.62	140.58	421.82	-70.18	467.56	449.95	17.61	26.553	
3,000.00	2,898.20	3,003.63	2,944.31	10.97	8.89	140.69	439.69	-80.75	481.23	463.09	18.14	26.522	
3,100.00	2,993.49	3,104.57	3,041.17	11.39	9.17	140.80	457.56	-91.32	494.91	476.21	18.70	26.459	
3,200.00	3,088.78	3,194.48	3,138.02	11.82	9.42	140.90	475.44	-101.89	508.59	489.34	19.26	26.412	
3,300.00	3,184.08	3,306.46	3,234.88	12.27	9.76	141.00	493.31	-112.46	522.28	502.39	19.89	26.263	
3,400.00	3,279.37	3,407.40	3,331.73	12.72	10.06	141.09	511.18	-123.03	535.96	515.46	20.50	26.138	
3,500.00	3,374.66	3,508.35	3,428.59	13.18	10.38	141.17	529.05	-133.60	549.65	528.51	21.14	26.001	
3,600.00	3,469.95	3,590.71	3,525.44	13.65	10.64	141.25	546.93	-144.17	563.33	541.60	21.73	25.921	
3,700.00	3,565.25	3,689.76	3,622.30	14.13	10.97	141.33	564.80	-154.74	577.02	554.63	22.39	25.774	
3,800.00	3,660.54	3,788.82	3,719.15	14.62	11.30	141.41	582.67	-165.31	590.71	567.65	23.05	25.622	
3,900.00	3,755.83	3,887.88	3,816.01	15.11	11.63	141.48	600.54	-175.88	604.40	580.66	23.73	25.467	
4,000.00	3,851.13	3,986.93	3,912.86	15.61	11.97	141.54	618.41	-186.45	618.09	593.67	24.42	25.310	
4,100.00	3,946.42	4,085.99	4,009.72	16.11	12.31	141.61	636.29	-197.02	631.78	606.66	25.12	25.153	
4,200.00	4,041.71	4,185.04	4,106.57	16.62	12.66	141.67	654.16	-207.59	645.47	619.65	25.82	24.997	
4,300.00	4,137.00	4,284.10	4,203.43	17.13	13.02	141.73	672.03	-218.16	659.16	632.63	26.54	24.841	
4,400.00	4,232.30	4,383.16	4,300.28	17.64	13.37	141.79	689.90	-228.73	672.85	645.60	27.25	24.687	
4,500.00	4,327.59	4,482.21	4,397.14	18.16	13.73	141.84	707.78	-239.30	686.55	658.57	27.98	24.536	
4,600.00	4,422.88	4,581.27	4,493.99	18.68	14.09	141.90	725.65	-249.87	700.24	671.53	28.71	24.387	
4,700.00	4,518.17	4,680.32	4,590.85	19.21	14.46	141.95	743.52	-260.43	713.94	684.49	29.45	24.241	
4,800.00	4,613.47	4,779.38	4,687.70	19.74	14.83	142.00	761.39	-271.00	727.63	697.44	30.19	24.099	
4,900.00	4,708.76	4,878.43	4,784.56	20.27	15.20	142.04	779.27	-281.57	741.33	710.39	30.94	23.959	
5,000.00	4,804.05	4,977.49	4,881.42	20.80	15.57	142.09	797.14	-292.14	755.02	723.33	31.69	23.823	
5,100.00	4,899.34	5,076.55	4,978.27	21.33	15.94	142.13	815.01	-302.71	768.72	736.27	32.45	23.690	
5,200.00	4,994.64	5,175.60	5,075.13	21.87	16.32	142.17	832.88	-313.28	782.42	749.21	33.21	23.561	
5,300.00	5,089.93	5,274.66	5,171.98	22.41	16.70	142.21	850.75	-323.85	796.11	762.14	33.97	23.435	
5,400.00	5,185.22	5,373.71	5,268.84	22.95	17.08	142.25	868.63	-334.42	809.81	775.08	34.74	23.312	
5,500.00	5,280.51	5,472.77	5,365.69	23.49	17.46	142.29	886.50	-344.99	823.51	788.00	35.51	23.193	
5,600.00	5,375.81	5,571.83	5,462.55	24.04	17.84	142.33	904.37	-355.56	837.21	800.93	36.28	23.077	
5,700.00	5,471.10	5,670.88	5,559.40	24.58	18.23	142.36	922.24	-366.13	850.91	813.85	37.05	22.964	
5,800.00	5,566.39	5,769.94	5,656.26	25.13	18.61	142.40	940.12	-376.70	864.61	826.78	37.83	22.854	
5,900.00	5,661.69	5,868.99	5,753.11	25.67	19.00	142.43	957.99	-387.27	878.31	839.70	38.61	22.747	
6,000.00	5,756.98	5,968.05	5,849.97	26.22	19.39	142.46	975.86	-397.84	892.01	852.61	39.39	22.644	
6,100.00	5,852.27	6,067.11	5,946.82	26.77	19.78	142.49	993.73	-408.41	905.71	865.53	40.18	22.543	
6,200.00	5,947.56	6,166.16	6,043.68	27.32	20.17	142.53	1,011.61	-418.98	919.41	878.44	40.96	22.445	
6,300.00	6,042.86	6,265.22	6,140.53	27.87	20.56	142.55	1,029.48	-429.55	933.11	891.36	41.75	22.349	
6,400.00	6,138.15	7,772.64	6,977.26	28.43	37.13	149.11	1,178.95	-1,384.36	852.74	823.47	29.28	29.128	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,233.56	7,804.04	6,977.20	28.95	37.83	146.67	1,178.81	-1,407.68	755.56	725.89	29.68	25.461	
6,600.00	6,330.92	7,808.05	6,977.17	29.21	37.93	146.55	1,178.73	-1,419.77	656.48	626.56	29.92	21.944	
6,700.00	6,429.01	7,804.49	6,977.18	29.36	37.84	-142.21	1,178.75	-1,416.21	556.73	526.64	30.09	18.504	
6,800.00	6,525.41	7,785.35	6,977.23	29.46	37.41	-156.01	1,178.87	-1,397.07	458.80	428.65	30.15	15.215	
6,900.00	6,617.77	7,751.12	6,977.31	29.54	36.65	-164.68	1,179.08	-1,362.84	365.11	334.97	30.14	12.114	
7,000.00	6,703.79	7,702.62	6,977.44	29.64	35.58	-170.07	1,179.38	-1,314.34	278.00	247.93	30.07	9.244	
7,100.00	6,781.37	7,641.06	6,977.59	29.81	34.28	-174.38	1,179.76	-1,252.78	199.68	169.62	30.06	6.643	
7,200.00	6,848.60	7,567.95	6,977.78	30.10	32.79	-179.10	1,180.21	-1,179.68	132.20	101.89	30.31	4.362	
7,300.00	6,903.80	7,485.32	6,977.99	30.55	31.21	173.47	1,180.72	-1,097.05	77.58	45.93	31.65	2.451	
7,400.00	6,945.64	7,390.44	6,971.57	31.20	29.53	148.41	1,180.07	-1,002.48	33.22	-7.16	40.38	0.823 Level 1	
7,454.87	6,962.53	7,341.28	6,962.82	31.67	28.71	99.64	1,178.73	-954.13	20.37	-36.35	56.72	0.359 Level 1, CC, ES, SF	
7,500.00	6,973.08	7,302.13	6,953.25	32.08	28.09	56.80	1,177.17	-916.21	29.41	-20.37	49.78	0.591 Level 1	
7,600.00	6,985.44	7,218.89	6,925.39	33.17	26.88	28.08	1,172.46	-837.97	69.71	28.06	41.65	1.674	
7,700.00	6,987.78	7,141.85	6,890.87	34.47	25.90	21.09	1,166.46	-769.41	116.06	74.41	41.65	2.787	
7,800.00	6,989.91	7,074.73	6,854.35	35.99	25.15	17.88	1,160.02	-713.50	172.55	129.93	42.62	4.049	
7,900.00	6,992.03	7,017.01	6,818.47	37.71	24.58	16.12	1,153.63	-668.77	237.06	193.41	43.65	5.431	
8,000.00	6,994.16	6,967.60	6,784.70	39.59	24.13	15.06	1,147.58	-633.23	307.85	263.31	44.54	6.912	
8,100.00	6,996.29	6,925.32	6,753.72	41.62	23.79	14.38	1,142.01	-605.01	383.59	338.33	45.26	8.475	
8,200.00	6,998.42	6,889.02	6,725.71	43.77	23.51	13.90	1,136.95	-582.50	463.23	417.40	45.82	10.109	
8,300.00	7,000.55	6,850.00	6,694.25	46.02	23.23	13.49	1,131.25	-560.14	546.08	499.94	46.14	11.835	
8,400.00	7,002.68	6,830.57	6,678.09	48.36	23.10	13.31	1,128.32	-549.75	631.22	584.62	46.60	13.546	
8,500.00	7,004.81	6,800.00	6,652.07	50.77	22.91	13.06	1,123.59	-534.43	718.56	671.76	46.81	15.352	
8,600.00	7,006.94	6,786.08	6,639.98	53.24	22.82	12.96	1,121.39	-527.88	807.41	760.35	47.06	17.157	
8,700.00	7,009.07	6,767.71	6,623.83	55.77	22.71	12.83	1,118.45	-519.65	897.70	850.48	47.22	19.011	
8,800.00	7,011.20	6,750.00	6,608.04	58.33	22.61	12.72	1,115.57	-512.17	989.13	941.80	47.34	20.895	
8,900.00	7,013.33	6,750.00	6,608.04	60.94	22.61	12.72	1,115.57	-512.17	1,081.73	1,034.28	47.45	22.796	
9,000.00	7,015.46	6,723.75	6,584.28	63.58	22.47	12.58	1,111.22	-501.90	1,174.71	1,127.19	47.52	24.722	

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							
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, ES
202.01	202.01	200.99	199.01	3.30	3.30	149.71	-21.49	179.87	181.15	173.58	7.57	23.931	
300.00	300.00	299.08	299.08	3.35	3.35	149.69	-21.15	179.63	181.26	173.60	7.65	23.683	
400.00	399.93	403.49	403.42	3.41	3.41	149.40	-18.14	177.50	181.90	174.12	7.78	23.381	
500.00	499.68	507.88	507.53	3.50	3.51	148.80	-12.02	173.18	183.14	175.19	7.95	23.041	
600.00	599.13	612.20	611.24	3.61	3.63	147.90	-2.82	166.67	184.99	176.83	8.16	22.670	
700.00	698.15	716.44	714.39	3.76	3.78	146.72	9.45	158.00	187.50	179.07	8.42	22.258	
800.00	796.63	818.72	815.05	3.93	3.97	145.39	24.19	147.59	190.92	182.18	8.75	21.827	
900.00	894.44	918.50	913.16	4.16	4.18	144.57	39.04	137.09	196.93	187.79	9.13	21.568	
1,000.00	991.46	1,018.10	1,011.09	4.43	4.41	144.34	53.86	126.62	205.78	196.22	9.57	21.513	
1,100.00	1,087.58	1,117.40	1,108.73	4.76	4.67	144.62	68.64	116.17	217.46	207.42	10.05	21.643	
1,200.00	1,182.93	1,216.38	1,206.06	5.14	4.94	145.33	83.37	105.76	231.35	220.78	10.57	21.887	
1,300.00	1,278.22	1,315.34	1,303.36	5.56	5.22	146.03	98.10	95.35	245.43	234.31	11.12	22.070	
1,400.00	1,373.52	1,414.31	1,400.67	6.00	5.52	146.66	112.82	84.94	259.54	247.84	11.70	22.191	
1,500.00	1,468.81	1,513.27	1,497.97	6.47	5.83	147.22	127.55	74.53	273.67	261.38	12.29	22.261	
1,600.00	1,564.10	1,612.23	1,595.28	6.95	6.14	147.72	142.28	64.13	287.83	274.92	12.91	22.296	
1,700.00	1,659.39	1,711.19	1,692.58	7.44	6.45	148.18	157.01	53.72	302.01	288.49	13.53	22.329	
1,800.00	1,754.69	1,810.16	1,789.89	7.72	6.61	148.60	171.73	43.31	316.21	302.73	13.48	23.457	
1,900.00	1,849.98	1,909.12	1,887.19	7.81	6.66	148.98	186.46	32.90	330.42	316.87	13.55	24.389	
2,000.00	1,945.27	2,008.08	1,984.50	7.95	6.73	149.33	201.19	22.49	344.64	330.98	13.66	25.228	
2,100.00	2,040.56	2,107.04	2,081.80	8.12	6.82	149.65	215.92	12.08	358.88	345.06	13.82	25.970	
2,200.00	2,135.86	2,206.01	2,179.11	8.33	6.93	149.94	230.64	1.67	373.12	359.11	14.02	26.616	
2,300.00	2,231.15	2,304.97	2,276.41	8.57	7.06	150.22	245.37	-8.73	387.38	373.12	14.26	27.167	
2,400.00	2,326.44	2,403.93	2,373.72	8.84	7.21	150.48	260.10	-19.14	401.64	387.10	14.54	27.629	
2,500.00	2,421.74	2,502.89	2,471.03	9.14	7.38	150.71	274.83	-29.55	415.91	401.06	14.85	28.007	
2,600.00	2,517.03	2,601.85	2,568.33	9.47	7.56	150.94	289.56	-39.96	430.19	414.99	15.20	28.308	
2,700.00	2,612.32	2,700.82	2,665.64	9.81	7.76	151.14	304.28	-50.37	444.47	428.90	15.57	28.541	
2,800.00	2,707.61	2,799.78	2,762.94	10.18	7.97	151.34	319.01	-60.78	458.76	442.78	15.98	28.712	
2,900.00	2,802.91	2,901.26	2,860.25	10.57	8.19	151.52	333.74	-71.19	473.05	456.64	16.41	28.821	
3,000.00	2,898.20	3,002.30	2,957.55	10.97	8.43	151.69	348.47	-81.59	487.35	470.48	16.87	28.885	
3,100.00	2,993.49	3,103.33	3,054.86	11.39	8.68	151.86	363.19	-92.00	501.65	484.30	17.35	28.909	
3,200.00	3,088.78	3,204.37	3,152.16	11.82	8.94	152.01	377.92	-102.41	515.96	498.10	17.85	28.900	
3,300.00	3,184.08	3,305.41	3,249.47	12.27	9.21	152.16	392.65	-112.82	530.27	511.89	18.37	28.862	
3,400.00	3,279.37	3,406.45	3,346.77	12.72	9.49	152.29	407.38	-123.23	544.58	525.67	18.91	28.801	
3,500.00	3,374.66	3,507.48	3,444.08	13.18	9.78	152.42	422.10	-133.64	558.89	539.43	19.46	28.721	
3,600.00	3,469.95	3,608.52	3,541.38	13.65	10.07	152.55	436.83	-144.05	573.21	553.19	20.02	28.626	
3,700.00	3,565.25	3,690.44	3,638.69	14.13	10.32	152.67	451.56	-154.45	587.53	566.98	20.55	28.588	
3,800.00	3,660.54	3,789.40	3,735.99	14.62	10.61	152.78	466.29	-164.86	601.85	580.72	21.13	28.477	
3,900.00	3,755.83	3,888.36	3,833.30	15.11	10.92	152.89	481.01	-175.27	616.18	594.45	21.73	28.359	
4,000.00	3,851.13	3,987.33	3,930.60	15.61	11.23	152.99	495.74	-185.68	630.50	608.17	22.33	28.235	
4,100.00	3,946.42	4,086.29	4,027.91	16.11	11.54	153.09	510.47	-196.09	644.83	621.89	22.94	28.107	
4,200.00	4,041.71	4,185.25	4,125.21	16.62	11.86	153.18	525.20	-206.50	659.16	635.60	23.56	27.976	
4,300.00	4,137.00	4,284.21	4,222.52	17.13	12.18	153.27	539.92	-216.91	673.49	649.31	24.19	27.843	
4,400.00	4,232.30	4,383.18	4,319.82	17.64	12.50	153.36	554.65	-227.32	687.83	663.00	24.82	27.709	
4,500.00	4,327.59	4,482.14	4,417.13	18.16	12.83	153.44	569.38	-237.72	702.16	676.70	25.46	27.575	
4,600.00	4,422.88	4,581.10	4,514.43	18.68	13.16	153.52	584.11	-248.13	716.50	690.39	26.11	27.442	
4,700.00	4,518.17	4,680.06	4,611.74	19.21	13.49	153.59	598.83	-258.54	730.84	704.07	26.76	27.309	
4,800.00	4,613.47	4,779.02	4,709.04	19.74	13.83	153.67	613.56	-268.95	745.18	717.76	27.42	27.178	
4,900.00	4,708.76	4,877.99	4,806.35	20.27	14.17	153.74	628.29	-279.36	759.52	731.44	28.08	27.048	
5,000.00	4,804.05	4,976.95	4,903.65	20.80	14.51	153.80	643.02	-289.77	773.86	745.11	28.75	26.921	
5,100.00	4,899.34	5,075.91	5,000.96	21.33	14.85	153.87	657.75	-300.18	788.20	758.78	29.42	26.795	
5,200.00	4,994.64	5,174.87	5,098.26	21.87	15.20	153.93	672.47	-310.58	802.54	772.45	30.09	26.672	
5,300.00	5,089.93	5,273.84	5,195.57	22.41	15.55	153.99	687.20	-320.99	816.88	786.12	30.77	26.552	
5,400.00	5,185.22	5,372.80	5,292.87	22.95	15.89	154.05	701.93	-331.40	831.23	799.78	31.45	26.433	
5,500.00	5,280.51	5,471.76	5,390.18	23.49	16.24	154.11	716.66	-341.81	845.58	813.45	32.13	26.318	
5,600.00	5,375.81	5,570.72	5,487.48	24.04	16.60	154.16	731.38	-352.22	859.92	827.11	32.82	26.205	
5,700.00	5,471.10	5,669.69	5,584.79	24.58	16.95	154.22	746.11	-362.63	874.27	840.76	33.50	26.094	
5,800.00	5,566.39	5,768.65	5,682.09	25.13	17.30	154.27	760.84	-373.04	888.62	854.42	34.20	25.986	
5,900.00	5,661.69	5,867.61	5,779.40	25.67	17.66	154.32	775.57	-383.44	902.96	868.08	34.89	25.881	
6,000.00	5,756.98	5,966.57	5,876.71	26.22	18.01	154.37	790.29	-393.85	917.31	881.73	35.59	25.778	
6,100.00	5,852.27	6,065.53	5,974.01	26.77	18.37	154.41	805.02	-404.26	931.66	895.38	36.28	25.677	
6,200.00	5,947.56	6,164.50	6,071.32	27.32	18.73	154.46	819.75	-414.67	946.01	909.03	36.98	25.580	
6,300.00	6,042.86	6,263.46	6,168.62	27.87	19.09	154.50	834.48	-425.08	960.36	922.68	37.69	25.484	
6,400.00	6,138.15	7,804.41	7,042.17	28.43	36.23	-168.14	961.76	-1,383.47	910.81	880.52	30.30	30.063	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft) +E/-W (usft)		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,500.00	6,233.56	7,827.69	7,042.11	28.95	36.77	-165.13	961.62	-1,406.75	817.86	786.58	31.28	26.148		
6,600.00	6,330.92	7,839.76	7,042.07	29.21	37.05	-173.15	961.55	-1,418.82	724.19	691.71	32.48	22.296		
6,700.00	6,429.01	7,836.17	7,042.08	29.36	36.97	164.28	961.57	-1,415.23	631.50	597.50	34.00	18.572		
6,800.00	6,525.41	7,817.00	7,042.14	29.46	36.52	152.53	961.69	-1,396.06	542.87	506.86	36.01	15.074		
6,900.00	6,617.77	7,782.73	7,042.24	29.54	35.73	147.11	961.90	-1,361.80	461.51	422.82	38.70	11.926		
7,000.00	6,703.79	7,734.21	7,042.37	29.64	34.63	142.28	962.19	-1,313.28	390.74	348.59	42.15	9.271		
7,100.00	6,781.37	7,672.63	7,042.55	29.81	33.28	136.40	962.57	-1,251.70	333.60	287.43	46.18	7.225		
7,200.00	6,848.60	7,600.50	7,042.76	30.10	31.75	129.15	963.02	-1,178.57	292.15	242.00	50.15	5.825		
7,300.00	6,903.80	7,517.02	7,042.99	30.55	30.08	121.04	963.53	-1,096.09	266.21	213.03	53.18	5.005		
7,400.00	6,945.64	7,416.82	7,035.85	31.20	28.22	110.92	963.01	-996.24	251.10	196.64	54.47	4.610		
7,500.00	6,973.08	7,324.42	7,015.63	32.08	26.65	100.70	960.45	-906.21	244.42	188.78	55.64	4.393		
7,525.94	6,977.75	7,301.50	7,008.63	32.36	26.28	98.08	959.51	-884.40	244.13	188.22	55.91	4.367		
7,600.00	6,985.44	7,238.05	6,985.26	33.17	25.35	90.82	956.30	-825.53	246.40	189.92	56.48	4.362 SF		
7,700.00	6,987.78	7,158.77	6,948.13	34.47	24.32	81.91	951.05	-755.74	257.55	200.56	56.98	4.520		
7,800.00	6,989.91	7,090.43	6,909.45	35.99	23.54	73.59	945.49	-699.71	282.01	225.04	56.96	4.951		
7,900.00	6,992.03	7,032.22	6,871.98	37.71	22.97	66.48	940.05	-655.53	320.79	264.40	56.39	5.689		
8,000.00	6,994.16	6,982.84	6,837.18	39.59	22.53	60.74	934.96	-620.88	372.28	316.74	55.54	6.703		
8,100.00	6,996.29	6,940.89	6,805.61	41.62	22.19	56.21	930.32	-593.67	433.89	379.25	54.64	7.940		
8,200.00	6,998.42	6,900.00	6,773.19	43.77	21.88	52.16	925.53	-569.22	503.25	449.51	53.74	9.365		
8,300.00	7,000.55	6,874.40	6,752.13	46.02	21.71	49.81	922.41	-555.00	578.30	525.15	53.15	10.881		
8,400.00	7,002.68	6,850.00	6,731.56	48.36	21.55	47.71	919.35	-542.25	657.78	605.20	52.58	12.510		
8,500.00	7,004.81	6,824.82	6,709.83	50.77	21.39	45.68	916.12	-529.95	740.60	688.53	52.07	14.224		
8,600.00	7,006.94	6,800.00	6,687.96	53.24	21.24	43.82	912.86	-518.68	826.08	774.46	51.62	16.002		
8,700.00	7,009.07	6,786.86	6,676.21	55.77	21.17	42.89	911.11	-513.06	913.57	862.29	51.29	17.813		
8,800.00	7,011.20	6,771.11	6,661.98	58.33	21.09	41.81	908.98	-506.66	1,002.77	951.79	50.98	19.671		
8,900.00	7,013.33	6,750.00	6,642.67	60.94	20.97	40.45	906.10	-498.63	1,093.38	1,042.68	50.70	21.567		
9,000.00	7,015.46	6,750.00	6,642.67	63.58	20.97	40.45	906.10	-498.63	1,185.02	1,134.56	50.46	23.484		

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)	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	128.29	-141.35	179.04	228.11				
100.00	100.00	103.00	97.00	3.28	3.28	128.29	-141.35	179.04	228.11	220.58	7.53	30.303	
200.00	200.00	203.00	197.00	3.30	3.30	128.29	-141.35	179.04	228.11	220.54	7.57	30.135	CC, ES
202.75	202.75	200.25	199.75	3.30	3.30	-178.81	-141.35	179.04	228.11	220.54	7.57	30.135	
300.00	300.00	299.16	299.16	3.35	3.34	-178.72	-141.48	178.63	228.32	220.67	7.65	29.839	
400.00	399.93	403.68	403.61	3.41	3.41	-177.97	-142.63	175.12	229.87	222.10	7.77	29.570	
500.00	499.68	507.94	507.60	3.50	3.49	-176.49	-144.95	168.01	233.03	225.09	7.94	29.341	
600.00	599.13	609.60	608.71	3.61	3.61	-174.48	-148.21	158.04	238.24	230.08	8.16	29.186	SF
700.00	698.15	708.90	707.44	3.76	3.74	-172.60	-151.53	147.90	246.98	238.54	8.43	29.284	
800.00	796.63	807.87	805.83	3.93	3.90	-170.95	-154.83	137.79	259.38	250.63	8.75	29.640	
900.00	894.44	906.39	903.78	4.16	4.08	-169.57	-158.12	127.72	275.36	266.25	9.11	30.221	
1,000.00	991.46	1,004.34	1,001.16	4.43	4.27	-168.45	-161.39	117.72	294.84	285.33	9.51	30.993	
1,100.00	1,087.58	1,101.59	1,097.85	4.76	4.48	-167.57	-164.64	107.78	317.73	307.78	9.95	31.922	
1,200.00	1,182.93	1,198.24	1,193.94	5.14	4.70	-166.96	-167.86	97.91	343.22	332.79	10.43	32.919	
1,300.00	1,278.22	1,305.16	1,289.98	5.56	4.95	-166.48	-171.09	88.04	368.91	357.97	10.94	33.718	
1,400.00	1,373.52	1,408.56	1,386.02	6.00	5.20	-166.06	-174.32	78.17	394.62	383.14	11.47	34.390	
1,500.00	1,468.81	1,488.04	1,482.06	6.47	5.40	-165.69	-177.54	68.30	420.34	408.37	11.97	35.116	
1,600.00	1,564.10	1,584.64	1,578.10	6.95	5.65	-165.36	-180.77	58.43	446.09	433.56	12.53	35.609	
1,700.00	1,659.39	1,681.24	1,674.14	7.44	5.91	-165.07	-183.99	48.56	471.84	458.74	13.10	36.017	
1,800.00	1,754.69	1,777.84	1,770.18	7.72	6.07	-164.81	-187.22	38.69	497.60	484.53	13.08	38.046	
1,900.00	1,849.98	1,874.44	1,866.22	7.81	6.13	-164.57	-190.44	28.83	523.38	510.21	13.17	39.754	
2,000.00	1,945.27	1,971.04	1,962.26	7.95	6.16	-164.36	-193.67	18.96	549.16	535.90	13.26	41.409	
2,100.00	2,040.56	2,067.64	2,058.30	8.12	6.22	-164.17	-196.90	9.09	574.94	561.55	13.40	42.918	
2,200.00	2,135.86	2,164.24	2,154.35	8.33	6.29	-163.99	-200.12	-0.78	600.74	587.17	13.57	44.274	
2,300.00	2,231.15	2,260.84	2,250.39	8.57	6.37	-163.83	-203.35	-10.65	626.53	612.76	13.78	45.478	
2,400.00	2,326.44	2,357.44	2,346.43	8.84	6.47	-163.68	-206.57	-20.52	652.34	638.32	14.02	46.532	
2,500.00	2,421.74	2,454.04	2,442.47	9.14	6.58	-163.54	-209.80	-30.39	678.14	663.85	14.29	47.442	
2,600.00	2,517.03	2,550.64	2,538.51	9.47	6.71	-163.41	-213.02	-40.26	703.95	689.35	14.60	48.215	
2,700.00	2,612.32	2,647.24	2,634.55	9.81	6.84	-163.29	-216.25	-50.12	729.76	714.83	14.93	48.863	
2,800.00	2,707.61	2,743.85	2,730.59	10.18	6.99	-163.18	-219.48	-59.99	755.58	740.28	15.30	49.396	
2,900.00	2,802.91	2,840.45	2,826.63	10.57	7.15	-163.08	-222.70	-69.86	781.40	765.71	15.68	49.824	
3,000.00	2,898.20	2,937.05	2,922.67	10.97	7.32	-162.98	-225.93	-79.73	807.22	791.12	16.09	50.160	
3,100.00	2,993.49	3,033.65	3,018.71	11.39	7.50	-162.89	-229.15	-89.60	833.04	816.51	16.52	50.414	
3,200.00	3,088.78	3,130.25	3,114.75	11.82	7.69	-162.80	-232.38	-99.47	858.86	841.89	16.97	50.596	
3,300.00	3,184.08	3,226.85	3,210.80	12.27	7.88	-162.72	-235.60	-109.34	884.69	867.24	17.44	50.716	
3,400.00	3,279.37	3,323.45	3,306.84	12.72	8.09	-162.64	-238.83	-119.20	910.51	892.58	17.93	50.782	
3,500.00	3,374.66	3,420.05	3,402.88	13.18	8.30	-162.57	-242.06	-129.07	936.34	917.91	18.43	50.803	
3,600.00	3,469.95	3,516.65	3,498.92	13.65	8.51	-162.50	-245.28	-138.94	962.17	943.22	18.95	50.784	
3,700.00	3,565.25	3,613.25	3,594.96	14.13	8.73	-162.44	-248.51	-148.81	988.00	968.53	19.47	50.733	
3,800.00	3,660.54	3,709.85	3,691.00	14.62	8.96	-162.38	-251.73	-158.68	1,013.83	993.82	20.01	50.654	
3,900.00	3,755.83	3,806.45	3,787.04	15.11	9.19	-162.32	-254.96	-168.55	1,039.67	1,019.10	20.57	50.552	
4,000.00	3,851.13	3,903.05	3,883.08	15.61	9.43	-162.27	-258.18	-178.42	1,065.50	1,044.37	21.13	50.432	
4,100.00	3,946.42	4,000.35	3,979.12	16.11	9.68	-162.21	-261.41	-188.29	1,091.34	1,069.63	21.70	50.292	
4,200.00	4,041.71	4,103.75	4,075.16	16.62	9.94	-162.16	-264.63	-198.15	1,117.17	1,094.87	22.30	50.104	
4,300.00	4,137.00	4,207.15	4,171.20	17.13	10.21	-162.11	-267.86	-208.02	1,143.01	1,120.10	22.90	49.907	
4,400.00	4,232.30	4,289.45	4,267.24	17.64	10.42	-162.07	-271.09	-217.89	1,168.84	1,145.38	23.46	49.822	
4,500.00	4,327.59	4,386.05	4,363.29	18.16	10.68	-162.02	-274.31	-227.76	1,194.68	1,170.62	24.06	49.650	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	3.00	-3.00	3.28	3.28	124.12	-121.31	179.04	216.26				
100.00	100.00	103.00	97.00	3.28	3.28	124.12	-121.31	179.04	216.26	208.74	7.53	28.730	
200.00	200.00	203.00	197.00	3.30	3.30	124.12	-121.31	179.04	216.26	208.69	7.57	28.570	CC, ES
200.33	200.33	202.67	197.33	3.30	3.30	124.12	-121.31	179.04	216.26	208.69	7.57	28.570	
300.00	300.00	300.05	300.05	3.35	3.34	177.10	-121.33	178.60	216.37	208.72	7.65	28.274	
400.00	399.93	406.49	406.42	3.41	3.41	177.74	-121.46	174.76	216.96	209.18	7.77	27.906	
500.00	499.68	512.79	512.42	3.50	3.50	179.04	-121.73	167.00	218.12	210.18	7.94	27.471	
600.00	599.13	614.92	614.01	3.61	3.62	-179.23	-122.10	156.51	220.58	212.43	8.16	27.045	
700.00	698.15	714.53	713.07	3.76	3.76	-177.57	-122.46	146.02	226.52	218.10	8.42	26.896	SF
800.00	796.63	813.88	811.86	3.93	3.92	-176.04	-122.83	135.56	236.11	227.37	8.73	27.037	
900.00	894.44	912.84	910.28	4.16	4.09	-174.70	-123.19	125.13	249.30	240.21	9.09	27.439	
1,000.00	991.46	1,011.31	1,008.19	4.43	4.29	-173.56	-123.56	114.76	266.04	256.56	9.48	28.068	
1,100.00	1,087.58	1,109.15	1,105.48	4.76	4.49	-172.63	-123.92	104.46	286.26	276.35	9.91	28.890	
1,200.00	1,182.93	1,206.43	1,202.23	5.14	4.71	-171.92	-124.27	94.21	309.14	298.77	10.37	29.809	
1,300.00	1,278.22	1,303.67	1,298.93	5.56	4.94	-171.33	-124.63	83.97	332.24	321.39	10.85	30.620	
1,400.00	1,373.52	1,400.91	1,395.63	6.00	5.17	-170.81	-124.99	73.72	355.37	344.02	11.35	31.297	
1,500.00	1,468.81	1,501.85	1,492.33	6.47	5.42	-170.36	-125.35	63.48	378.53	366.64	11.89	31.837	
1,600.00	1,564.10	1,604.60	1,589.03	6.95	5.69	-169.96	-125.70	53.24	401.70	389.25	12.45	32.271	
1,700.00	1,659.39	1,707.36	1,685.73	7.44	5.95	-169.60	-126.06	43.00	424.89	411.88	13.01	32.649	
1,800.00	1,754.69	1,789.88	1,782.43	7.72	6.07	-169.28	-126.42	32.75	448.09	435.16	12.94	34.636	
1,900.00	1,849.98	1,887.12	1,879.13	7.81	6.10	-168.99	-126.78	22.51	471.31	458.30	13.00	36.245	
2,000.00	1,945.27	1,984.36	1,975.83	7.95	6.14	-168.73	-127.14	12.27	494.53	481.44	13.09	37.767	
2,100.00	2,040.56	2,081.61	2,072.53	8.12	6.20	-168.49	-127.49	2.03	517.77	504.55	13.22	39.157	
2,200.00	2,135.86	2,178.85	2,169.23	8.33	6.27	-168.28	-127.85	-8.22	541.01	527.62	13.39	40.411	
2,300.00	2,231.15	2,276.09	2,265.93	8.57	6.36	-168.08	-128.21	-18.46	564.26	550.67	13.59	41.528	
2,400.00	2,326.44	2,373.33	2,362.63	8.84	6.45	-167.89	-128.57	-28.70	587.52	573.69	13.82	42.510	
2,500.00	2,421.74	2,470.57	2,459.33	9.14	6.57	-167.72	-128.92	-38.95	610.78	596.69	14.09	43.360	
2,600.00	2,517.03	2,567.82	2,556.03	9.47	6.69	-167.56	-129.28	-49.19	634.04	619.66	14.38	44.087	
2,700.00	2,612.32	2,665.06	2,652.73	9.81	6.83	-167.42	-129.64	-59.43	657.31	642.61	14.71	44.699	
2,800.00	2,707.61	2,762.30	2,749.43	10.18	6.98	-167.28	-130.00	-69.67	680.58	665.53	15.06	45.206	
2,900.00	2,802.91	2,859.54	2,846.13	10.57	7.14	-167.16	-130.36	-79.92	703.86	688.43	15.43	45.617	
3,000.00	2,898.20	2,956.78	2,942.83	10.97	7.31	-167.04	-130.71	-90.16	727.14	711.31	15.83	45.942	
3,100.00	2,993.49	3,054.02	3,039.53	11.39	7.48	-166.92	-131.07	-100.40	750.42	734.18	16.25	46.192	
3,200.00	3,088.78	3,151.27	3,136.23	11.82	7.67	-166.82	-131.43	-110.64	773.71	757.02	16.68	46.375	
3,300.00	3,184.08	3,248.51	3,232.93	12.27	7.86	-166.72	-131.79	-120.89	796.99	779.85	17.14	46.500	
3,400.00	3,279.37	3,345.75	3,329.63	12.72	8.07	-166.63	-132.14	-131.13	820.28	802.67	17.61	46.575	
3,500.00	3,374.66	3,442.99	3,426.33	13.18	8.28	-166.54	-132.50	-141.37	843.57	825.47	18.10	46.607	
3,600.00	3,469.95	3,540.23	3,523.03	13.65	8.49	-166.46	-132.86	-151.61	866.87	848.27	18.60	46.602	
3,700.00	3,565.25	3,637.48	3,619.73	14.13	8.71	-166.38	-133.22	-161.86	890.16	871.05	19.12	46.566	
3,800.00	3,660.54	3,734.72	3,716.43	14.62	8.94	-166.30	-133.58	-172.10	913.46	893.82	19.64	46.504	
3,900.00	3,755.83	3,831.96	3,813.13	15.11	9.17	-166.23	-133.93	-182.34	936.76	916.58	20.18	46.420	
4,000.00	3,851.13	3,929.20	3,909.83	15.61	9.41	-166.16	-134.29	-192.59	960.05	939.33	20.73	46.318	
4,100.00	3,946.42	4,026.44	4,006.53	16.11	9.65	-166.10	-134.65	-202.83	983.35	962.07	21.28	46.202	
4,200.00	4,041.71	4,123.68	4,103.23	16.62	9.89	-166.04	-135.01	-213.07	1,006.66	984.81	21.85	46.073	
4,300.00	4,137.00	4,220.93	4,199.93	17.13	10.14	-165.98	-135.36	-223.31	1,029.96	1,007.53	22.42	45.934	
4,400.00	4,232.30	4,318.17	4,296.63	17.64	10.39	-165.92	-135.72	-233.56	1,053.26	1,030.26	23.00	45.787	
4,500.00	4,327.59	4,415.41	4,393.33	18.16	10.65	-165.87	-136.08	-243.80	1,076.56	1,052.97	23.59	45.635	
4,600.00	4,422.88	4,512.65	4,490.03	18.68	10.91	-165.82	-136.44	-254.04	1,099.87	1,075.69	24.18	45.479	
4,700.00	4,518.17	4,609.89	4,586.73	19.21	11.17	-165.77	-136.79	-264.28	1,123.18	1,098.39	24.78	45.319	
4,800.00	4,613.47	4,707.14	4,683.43	19.74	11.43	-165.72	-137.15	-274.53	1,146.48	1,121.09	25.39	45.157	
4,900.00	4,708.76	4,804.38	4,780.13	20.27	11.70	-165.68	-137.51	-284.77	1,169.79	1,143.79	26.00	44.994	
5,000.00	4,804.05	4,901.62	4,876.83	20.80	11.96	-165.63	-137.87	-295.01	1,193.10	1,166.48	26.61	44.830	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	3.00	-3.00	3.28	3.28	119.46	-101.28	179.31	205.94				
100.00	100.00	103.00	97.00	3.28	3.28	119.46	-101.28	179.31	205.94	198.41	7.53	27.358	
200.00	200.00	203.00	197.00	3.30	3.30	119.46	-101.28	179.31	205.94	198.37	7.57	27.206	
300.00	300.00	300.49	300.49	3.35	3.34	172.41	-101.17	178.88	205.97	198.32	7.65	26.914	
400.00	399.93	407.91	407.83	3.41	3.41	172.84	-100.24	175.09	205.94	198.16	7.78	26.485	
500.00	499.68	515.27	514.89	3.50	3.51	173.71	-98.35	167.40	205.79	197.85	7.94	25.927	
546.75	546.22	565.42	564.78	3.55	3.57	174.27	-97.14	162.47	205.70	197.67	8.03	25.627	CC, ES
600.00	599.13	618.07	617.13	3.61	3.63	174.91	-95.80	157.00	206.25	198.10	8.15	25.314	
700.00	698.15	717.89	716.38	3.76	3.77	176.15	-93.25	146.62	210.01	201.60	8.41	24.978	
800.00	796.63	817.51	815.43	3.93	3.93	177.39	-90.70	136.25	217.34	208.63	8.71	24.949	
900.00	894.44	916.80	914.15	4.16	4.11	178.57	-88.16	125.92	228.24	219.19	9.06	25.206	
1,000.00	991.46	1,015.65	1,012.42	4.43	4.30	179.65	-85.64	115.64	242.69	233.26	9.44	25.715	
1,100.00	1,087.58	1,113.93	1,110.14	4.76	4.51	-179.39	-83.13	105.41	260.66	250.81	9.86	26.444	
1,200.00	1,182.93	1,211.70	1,207.34	5.14	4.73	-178.57	-80.63	95.24	281.34	271.03	10.31	27.295	
1,300.00	1,278.22	1,309.42	1,304.51	5.56	4.95	-177.87	-78.13	85.07	302.25	291.47	10.77	28.051	
1,400.00	1,373.52	1,407.15	1,401.67	6.00	5.19	-177.25	-75.63	74.91	323.19	311.92	11.27	28.688	
1,500.00	1,468.81	1,504.88	1,498.84	6.47	5.44	-176.71	-73.14	64.74	344.16	332.39	11.78	29.223	
1,600.00	1,564.10	1,602.61	1,596.00	6.95	5.69	-176.24	-70.64	54.57	365.16	352.86	12.31	29.672	
1,700.00	1,659.39	1,700.33	1,693.17	7.44	5.94	-175.81	-68.14	44.40	386.19	373.33	12.85	30.051	
1,800.00	1,754.69	1,801.94	1,790.33	7.72	6.08	-175.43	-65.64	34.24	407.23	394.44	12.78	31.855	
1,900.00	1,849.98	1,904.21	1,887.50	7.81	6.11	-175.09	-63.15	24.07	428.28	415.45	12.83	33.375	
2,000.00	1,945.27	2,006.48	1,984.66	7.95	6.16	-174.78	-60.65	13.90	449.35	436.43	12.92	34.782	
2,100.00	2,040.56	2,108.76	2,081.83	8.12	6.22	-174.49	-58.15	3.73	470.43	457.39	13.04	36.067	
2,200.00	2,135.86	2,188.97	2,178.99	8.33	6.28	-174.23	-55.66	-6.44	491.52	478.33	13.19	37.269	
2,300.00	2,231.15	2,286.70	2,276.16	8.57	6.37	-174.00	-53.16	-16.60	512.62	499.24	13.38	38.320	
2,400.00	2,326.44	2,384.43	2,373.32	8.84	6.47	-173.78	-50.66	-26.77	533.73	520.13	13.60	39.248	
2,500.00	2,421.74	2,482.15	2,470.49	9.14	6.58	-173.57	-48.16	-36.94	554.84	540.99	13.85	40.057	
2,600.00	2,517.03	2,579.88	2,567.65	9.47	6.71	-173.39	-45.67	-47.11	575.96	561.83	14.13	40.753	
2,700.00	2,612.32	2,677.61	2,664.82	9.81	6.85	-173.21	-43.17	-57.27	597.08	582.64	14.44	41.342	
2,800.00	2,707.61	2,775.34	2,761.98	10.18	7.00	-173.05	-40.67	-67.44	618.21	603.44	14.78	41.834	
2,900.00	2,802.91	2,873.06	2,859.15	10.57	7.16	-172.90	-38.17	-77.61	639.35	624.21	15.14	42.238	
3,000.00	2,898.20	2,970.79	2,956.31	10.97	7.33	-172.76	-35.68	-87.78	660.49	644.97	15.52	42.561	
3,100.00	2,993.49	3,068.52	3,053.48	11.39	7.51	-172.62	-33.18	-97.94	681.63	665.71	15.92	42.814	
3,200.00	3,088.78	3,166.25	3,150.64	11.82	7.69	-172.50	-30.68	-108.11	702.78	686.43	16.34	43.003	
3,300.00	3,184.08	3,263.97	3,247.81	12.27	7.89	-172.38	-28.19	-118.28	723.92	707.14	16.78	43.138	
3,400.00	3,279.37	3,361.70	3,344.97	12.72	8.09	-172.27	-25.69	-128.45	745.08	727.84	17.24	43.226	
3,500.00	3,374.66	3,459.43	3,442.14	13.18	8.30	-172.16	-23.19	-138.61	766.23	748.52	17.71	43.272	
3,600.00	3,469.95	3,557.16	3,539.30	13.65	8.52	-172.06	-20.69	-148.78	787.39	769.19	18.19	43.283	
3,700.00	3,565.25	3,654.88	3,636.47	14.13	8.74	-171.97	-18.20	-158.95	808.55	789.86	18.69	43.264	
3,800.00	3,660.54	3,752.61	3,733.63	14.62	8.97	-171.88	-15.70	-169.12	829.71	810.51	19.20	43.219	
3,900.00	3,755.83	3,850.34	3,830.80	15.11	9.20	-171.80	-13.20	-179.28	850.87	831.15	19.72	43.154	
4,000.00	3,851.13	3,948.07	3,927.96	15.61	9.44	-171.71	-10.70	-189.45	872.03	851.79	20.25	43.070	
4,100.00	3,946.42	4,045.80	4,025.13	16.11	9.68	-171.64	-8.21	-199.62	893.20	872.41	20.79	42.972	
4,200.00	4,041.71	4,143.52	4,122.29	16.62	9.93	-171.56	-5.71	-209.79	914.36	893.03	21.33	42.861	
4,300.00	4,137.00	4,241.25	4,219.46	17.13	10.18	-171.49	-3.21	-219.95	935.53	913.64	21.89	42.741	
4,400.00	4,232.30	4,338.98	4,316.62	17.64	10.43	-171.43	-0.71	-230.12	956.70	934.25	22.45	42.613	
4,500.00	4,327.59	4,436.71	4,413.79	18.16	10.69	-171.36	1.78	-240.29	977.87	954.85	23.02	42.479	
4,600.00	4,422.88	4,534.43	4,510.95	18.68	10.94	-171.30	4.28	-250.46	999.05	975.45	23.60	42.340	
4,700.00	4,518.17	4,632.16	4,608.12	19.21	11.21	-171.24	6.78	-260.62	1,020.22	996.04	24.18	42.198	
4,800.00	4,613.47	4,729.89	4,705.29	19.74	11.47	-171.19	9.27	-270.79	1,041.39	1,016.63	24.76	42.053	
4,900.00	4,708.76	4,827.62	4,802.45	20.27	11.74	-171.13	11.77	-280.96	1,062.57	1,037.21	25.36	41.907	
5,000.00	4,804.05	4,925.34	4,899.62	20.80	12.01	-171.08	14.27	-291.13	1,083.74	1,057.79	25.95	41.759	
5,100.00	4,899.34	5,023.07	4,996.78	21.33	12.28	-171.03	16.77	-301.29	1,104.92	1,078.37	26.55	41.612	
5,200.00	4,994.64	5,120.80	5,093.95	21.87	12.55	-170.98	19.26	-311.46	1,126.10	1,098.94	27.16	41.465	
5,300.00	5,089.93	5,218.53	5,191.11	22.41	12.82	-170.94	21.76	-321.63	1,147.28	1,119.51	27.77	41.318	
5,400.00	5,185.22	5,316.25	5,288.28	22.95	13.10	-170.89	24.26	-331.80	1,168.45	1,140.08	28.38	41.173	
5,500.00	5,280.51	5,413.98	5,385.44	23.49	13.38	-170.85	26.76	-341.96	1,189.63	1,160.64	29.00	41.029	
6,800.00	6,525.41	7,740.12	7,037.24	29.46	34.47	129.48	65.47	-1,392.30	1,172.16	1,114.51	57.65	20.332	
6,900.00	6,617.77	7,705.91	7,037.32	29.54	33.63	118.83	65.62	-1,358.09	1,150.66	1,092.32	58.33	19.725	
7,000.00	6,703.79	7,657.45	7,037.45	29.64	32.46	112.22	65.83	-1,309.63	1,137.09	1,078.67	58.42	19.464	
7,100.00	6,781.37	7,604.09	7,037.60	29.81	31.19	107.05	66.10	-1,248.09	1,130.33	1,072.17	58.16	19.434	SF
7,191.87	6,843.56	7,529.16	7,037.77	30.07	29.47	102.93	66.38	-1,181.34	1,128.68	1,071.40	57.29	19.702	
7,200.00	6,848.60	7,522.83	7,037.79	30.10	29.33	102.59	66.41	-1,175.01	1,128.69	1,071.49	57.21	19.730	
7,300.00	6,903.80	7,440.42	7,037.99	30.55	27.51	98.77	66.77	-1,092.60	1,130.18	1,073.88	56.30	20.075	
7,400.00	6,945.64	7,339.98	7,030.74	31.20	25.42	95.22	67.00	-992.53	1,132.47	1,077.30	55.17	20.528	
7,500.00	6,973.08	7,247.34	7,010.19	32.08	23.63	92.27	66.85	-902.28	1,134.44	1,079.84	54.60	20.776	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
7,600.00	6,985.44	7,160.80	6,979.35	33.17	22.14	89.88	66.39	-821.50	1,135.92	1,081.37	54.56	20.821		
7,700.00	6,987.78	7,081.47	6,941.71	34.47	20.95	87.87	65.70	-751.73	1,137.89	1,082.92	54.97	20.699		
7,800.00	6,989.91	7,013.13	6,902.53	35.99	20.06	85.84	64.92	-695.78	1,143.16	1,087.32	55.83	20.475		
7,900.00	6,992.03	6,954.98	6,864.64	37.71	19.40	83.91	64.11	-651.70	1,152.83	1,095.84	56.99	20.230		
8,000.00	6,994.16	6,905.66	6,829.47	39.59	18.91	82.13	63.34	-617.16	1,167.71	1,109.41	58.30	20.029		
8,100.00	6,996.29	6,863.79	6,797.58	41.62	18.54	80.54	62.62	-590.04	1,188.31	1,128.66	59.65	19.921		

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32C-11-L - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	141.14	-221.49	178.48	284.45					
100.00	100.00	103.00	97.00	3.28	3.28	141.14	-221.49	178.48	284.45	276.92	7.53	37.788		
200.00	200.00	203.00	197.00	3.30	3.30	141.14	-221.49	178.48	284.45	276.88	7.57	37.578	CC, ES	
200.00	200.00	203.00	197.00	3.30	3.30	141.14	-221.49	178.48	284.45	276.88	7.57	37.578		
300.00	300.00	295.57	295.57	3.35	3.34	-165.91	-221.79	178.28	284.99	277.34	7.65	37.255	SF	
400.00	399.93	392.35	392.29	3.41	3.39	-165.46	-224.46	176.56	289.42	281.65	7.77	37.264		
500.00	499.68	488.59	488.31	3.50	3.47	-164.57	-229.84	173.10	298.34	290.41	7.93	37.616		
600.00	599.13	583.94	583.19	3.61	3.57	-163.32	-237.83	167.95	311.83	303.69	8.14	38.287		
700.00	698.15	678.07	676.47	3.76	3.69	-161.81	-248.32	161.19	329.96	321.55	8.41	39.247		
800.00	796.63	770.65	767.79	3.93	3.85	-160.13	-261.15	152.92	352.76	344.04	8.72	40.442		
900.00	894.44	865.61	861.09	4.16	4.04	-158.44	-276.00	143.35	379.83	370.74	9.10	41.756		
1,000.00	991.46	960.59	954.41	4.43	4.26	-157.09	-290.89	133.76	410.22	400.70	9.52	43.083		
1,100.00	1,087.58	1,054.64	1,046.80	4.76	4.50	-156.03	-305.63	124.25	443.75	433.76	9.99	44.412		
1,200.00	1,182.93	1,147.89	1,138.42	5.14	4.76	-155.41	-320.25	114.83	479.64	469.14	10.50	45.681		
1,300.00	1,278.22	1,241.09	1,229.98	5.56	5.04	-154.97	-334.87	105.41	515.72	504.70	11.03	46.765		
1,400.00	1,373.52	1,334.29	1,321.54	6.00	5.32	-154.59	-349.48	96.00	551.83	540.24	11.59	47.627		
1,500.00	1,468.81	1,427.48	1,413.10	6.47	5.62	-154.25	-364.09	86.58	587.95	575.78	12.17	48.315		
1,600.00	1,564.10	1,520.68	1,504.66	6.95	5.93	-153.95	-378.70	77.16	624.09	611.31	12.78	48.852		
1,700.00	1,659.39	1,613.88	1,596.22	7.44	6.24	-153.69	-393.31	67.75	660.24	646.84	13.40	49.274		
1,800.00	1,754.69	1,707.07	1,687.79	7.72	6.55	-153.45	-407.93	58.33	696.40	682.70	13.70	50.845		
1,900.00	1,849.98	1,800.27	1,779.35	7.81	6.73	-153.24	-422.54	48.91	732.57	718.83	13.73	53.342		
2,000.00	1,945.27	1,906.54	1,870.91	7.95	6.78	-153.05	-437.15	39.50	768.75	754.90	13.85	55.508		
2,100.00	2,040.56	1,986.66	1,962.47	8.12	6.84	-152.87	-451.76	30.08	804.93	790.94	13.99	57.517		
2,200.00	2,135.86	2,079.86	2,054.03	8.33	6.93	-152.71	-466.37	20.66	841.12	826.93	14.19	59.280		
2,300.00	2,231.15	2,173.05	2,145.59	8.57	7.04	-152.56	-480.99	11.25	877.32	862.90	14.42	60.825		
2,400.00	2,326.44	2,266.25	2,237.15	8.84	7.16	-152.43	-495.60	1.83	913.52	898.82	14.70	62.159		
2,500.00	2,421.74	2,359.44	2,328.71	9.14	7.30	-152.30	-510.21	-7.59	949.73	934.72	15.01	63.290		
2,600.00	2,517.03	2,452.64	2,420.27	9.47	7.46	-152.18	-524.82	-17.00	985.94	970.59	15.35	64.234		
2,700.00	2,612.32	2,545.84	2,511.83	9.81	7.64	-152.08	-539.43	-26.42	1,022.15	1,006.42	15.72	65.006		
2,800.00	2,707.61	2,639.03	2,603.39	10.18	7.83	-151.98	-554.04	-35.83	1,058.36	1,042.24	16.13	65.621		
2,900.00	2,802.91	2,732.23	2,694.95	10.57	8.03	-151.88	-568.66	-45.25	1,094.58	1,078.02	16.56	66.098		
3,000.00	2,898.20	2,825.43	2,786.51	10.97	8.24	-151.79	-583.27	-54.67	1,130.80	1,113.79	17.02	66.452		
3,100.00	2,993.49	2,918.62	2,878.07	11.39	8.47	-151.71	-597.88	-64.08	1,167.02	1,149.53	17.50	66.699		

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	138.46	-201.46	178.48	269.15				
100.00	100.00	103.00	97.00	3.28	3.28	138.46	-201.46	178.48	269.15	261.62	7.53	35.755	
200.00	200.00	203.00	197.00	3.30	3.30	138.46	-201.46	178.48	269.15	261.58	7.57	35.556	CC, ES
200.30	200.30	202.70	197.30	3.30	3.30	138.46	-201.46	178.48	269.15	261.58	7.57	35.556	
300.00	300.00	296.33	296.33	3.35	3.34	-168.58	-201.74	178.24	269.63	261.98	7.65	35.245	
400.00	399.93	394.74	394.68	3.41	3.40	-168.02	-204.27	176.14	273.58	265.81	7.77	35.216	SF
500.00	499.68	492.66	492.37	3.50	3.47	-166.94	-209.36	171.92	281.54	273.61	7.94	35.480	
600.00	599.13	589.76	588.96	3.61	3.57	-165.43	-216.94	165.62	293.65	285.50	8.15	36.019	
700.00	698.15	685.72	684.04	3.76	3.70	-163.59	-226.90	157.35	310.03	301.61	8.42	36.810	
800.00	796.63	782.33	779.41	3.93	3.87	-161.64	-238.77	147.50	330.59	321.84	8.75	37.786	
900.00	894.44	879.01	874.83	4.16	4.06	-160.03	-250.76	137.55	354.67	345.54	9.13	38.861	
1,000.00	991.46	974.95	969.51	4.43	4.28	-158.76	-262.65	127.68	382.08	372.53	9.55	40.006	
1,100.00	1,087.58	1,070.01	1,063.34	4.76	4.51	-157.78	-274.43	117.90	412.69	402.68	10.02	41.196	
1,200.00	1,182.93	1,164.34	1,156.43	5.14	4.75	-157.20	-286.12	108.19	445.72	435.20	10.52	42.362	
1,300.00	1,278.22	1,258.61	1,249.47	5.56	5.01	-156.78	-297.80	98.49	478.93	467.89	11.05	43.361	
1,400.00	1,373.52	1,352.88	1,342.51	6.00	5.28	-156.41	-309.49	88.79	512.16	500.57	11.60	44.162	
1,500.00	1,468.81	1,447.15	1,435.55	6.47	5.56	-156.09	-321.17	79.09	545.41	533.24	12.17	44.802	
1,600.00	1,564.10	1,541.42	1,528.58	6.95	5.85	-155.81	-332.86	69.39	578.67	565.90	12.77	45.308	
1,700.00	1,659.39	1,635.69	1,621.62	7.44	6.15	-155.56	-344.54	59.69	611.95	598.56	13.39	45.709	
1,800.00	1,754.69	1,729.95	1,714.66	7.72	6.41	-155.33	-356.22	49.99	645.23	631.59	13.64	47.301	
1,900.00	1,849.98	1,824.22	1,807.70	7.81	6.54	-155.12	-367.91	40.29	678.52	664.88	13.64	49.748	
2,000.00	1,945.27	1,918.49	1,900.74	7.95	6.58	-154.94	-379.59	30.59	711.82	698.07	13.75	51.779	
2,100.00	2,040.56	2,012.76	1,993.78	8.12	6.64	-154.77	-391.27	20.89	745.12	731.22	13.90	53.615	
2,200.00	2,135.86	2,107.03	2,086.81	8.33	6.73	-154.62	-402.96	11.19	778.43	764.34	14.09	55.250	
2,300.00	2,231.15	2,201.30	2,179.85	8.57	6.82	-154.47	-414.64	1.49	811.74	797.42	14.32	56.685	
2,400.00	2,326.44	2,304.43	2,272.89	8.84	6.95	-154.34	-426.33	-8.21	845.06	830.46	14.60	57.877	
2,500.00	2,421.74	2,389.84	2,365.93	9.14	7.07	-154.22	-438.01	-17.91	878.38	863.49	14.89	58.972	
2,600.00	2,517.03	2,484.11	2,458.97	9.47	7.22	-154.11	-449.69	-27.61	911.71	896.47	15.23	59.851	
2,700.00	2,612.32	2,578.38	2,552.01	9.81	7.39	-154.01	-461.38	-37.31	945.03	929.43	15.60	60.570	
2,800.00	2,707.61	2,672.65	2,645.05	10.18	7.56	-153.91	-473.06	-47.01	978.36	962.36	16.00	61.146	
2,900.00	2,802.91	2,766.92	2,738.08	10.57	7.75	-153.82	-484.75	-56.71	1,011.70	995.27	16.43	61.594	
3,000.00	2,898.20	2,861.19	2,831.12	10.97	7.95	-153.73	-496.43	-66.41	1,045.03	1,028.16	16.87	61.929	
3,100.00	2,993.49	2,955.46	2,924.16	11.39	8.16	-153.66	-508.11	-76.11	1,078.37	1,061.02	17.35	62.166	
3,200.00	3,088.78	3,049.73	3,017.20	11.82	8.38	-153.58	-519.80	-85.81	1,111.71	1,093.87	17.84	62.317	
3,300.00	3,184.08	3,144.00	3,110.24	12.27	8.61	-153.51	-531.48	-95.51	1,145.04	1,126.69	18.35	62.395	
3,400.00	3,279.37	3,238.27	3,203.28	12.72	8.85	-153.44	-543.17	-105.21	1,178.39	1,159.50	18.88	62.410	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	-179.57	-220.04	-1.67	220.05				
100.00	100.00	101.00	99.00	3.28	3.28	-179.57	-220.04	-1.67	220.05	212.52	7.53	29.234	
200.00	200.00	201.00	199.00	3.30	3.30	-179.57	-220.04	-1.67	220.05	212.48	7.57	29.073	CC, ES
200.40	200.40	200.60	199.40	3.30	3.30	-179.57	-220.04	-1.67	220.05	212.48	7.57	29.073	
300.00	300.00	296.97	296.97	3.35	3.34	-126.66	-220.26	-1.99	220.54	212.89	7.65	28.826	SF
400.00	399.93	392.72	392.66	3.41	3.40	-126.61	-222.02	-4.63	224.48	216.71	7.77	28.899	
500.00	499.68	488.14	487.87	3.50	3.47	-126.51	-225.53	-9.90	232.36	224.43	7.93	29.301	
600.00	599.13	583.02	582.27	3.61	3.57	-126.36	-230.77	-17.76	244.17	236.03	8.14	29.992	
700.00	698.15	677.15	675.57	3.76	3.70	-126.16	-237.68	-28.12	259.85	251.45	8.40	30.918	
800.00	796.63	770.33	767.47	3.93	3.86	-125.91	-246.19	-40.88	279.36	270.64	8.73	32.015	
900.00	894.44	862.37	857.72	4.16	4.06	-125.63	-256.22	-55.92	302.64	293.53	9.11	33.217	
1,000.00	991.46	953.11	946.07	4.43	4.29	-125.31	-267.68	-73.09	329.60	320.03	9.56	34.460	
1,100.00	1,087.58	1,042.37	1,032.31	4.76	4.57	-124.95	-280.46	-92.26	360.16	350.07	10.09	35.699	
1,200.00	1,182.93	1,135.48	1,121.73	5.14	4.90	-125.00	-294.84	-113.82	393.30	382.59	10.71	36.725	
1,300.00	1,278.22	1,229.77	1,212.28	5.56	5.27	-125.21	-309.44	-135.71	426.57	415.19	11.38	37.479	
1,400.00	1,373.52	1,324.06	1,302.83	6.00	5.66	-125.39	-324.03	-157.60	459.85	447.75	12.10	38.014	
1,500.00	1,468.81	1,418.35	1,393.37	6.47	6.07	-125.55	-338.63	-179.48	493.13	480.29	12.85	38.386	
1,600.00	1,564.10	1,512.64	1,483.92	6.95	6.49	-125.69	-353.23	-201.37	526.42	512.79	13.63	38.636	
1,700.00	1,659.39	1,606.93	1,574.47	7.44	6.93	-125.81	-367.82	-223.25	559.71	545.28	14.43	38.793	
1,800.00	1,754.69	1,701.22	1,665.01	7.72	7.37	-125.91	-382.42	-245.14	593.00	578.13	14.87	39.875	
1,900.00	1,849.98	1,804.49	1,755.56	7.81	7.64	-126.01	-397.01	-267.02	626.29	611.28	15.01	41.738	
2,000.00	1,945.27	1,889.80	1,846.11	7.95	7.71	-126.09	-411.61	-288.91	659.58	644.41	15.17	43.486	
2,100.00	2,040.56	1,984.10	1,936.65	8.12	7.82	-126.17	-426.20	-310.80	692.88	677.48	15.39	45.007	
2,200.00	2,135.86	2,078.39	2,027.20	8.33	7.96	-126.24	-440.80	-332.68	726.17	710.49	15.68	46.312	
2,300.00	2,231.15	2,172.68	2,117.75	8.57	8.13	-126.31	-455.40	-354.57	759.47	743.45	16.02	47.408	
2,400.00	2,326.44	2,266.97	2,208.29	8.84	8.33	-126.37	-469.99	-376.45	792.76	776.35	16.41	48.307	
2,500.00	2,421.74	2,361.26	2,298.84	9.14	8.56	-126.42	-484.59	-398.34	826.06	809.21	16.85	49.027	
2,600.00	2,517.03	2,455.55	2,389.39	9.47	8.81	-126.47	-499.18	-420.22	859.36	842.03	17.33	49.584	
2,700.00	2,612.32	2,549.84	2,479.93	9.81	9.08	-126.52	-513.78	-442.11	892.66	874.80	17.85	49.998	
2,800.00	2,707.61	2,644.13	2,570.48	10.18	9.37	-126.56	-528.38	-463.99	925.96	907.54	18.41	50.289	
2,900.00	2,802.91	2,738.42	2,661.03	10.57	9.68	-126.60	-542.97	-485.88	959.26	940.25	19.01	50.473	
3,000.00	2,898.20	2,832.71	2,751.58	10.97	10.01	-126.64	-557.57	-507.77	992.56	972.93	19.63	50.569	
3,100.00	2,993.49	2,927.00	2,842.12	11.39	10.35	-126.67	-572.16	-529.65	1,025.86	1,005.58	20.28	50.589	
3,200.00	3,088.78	3,021.29	2,932.67	11.82	10.71	-126.71	-586.76	-551.54	1,059.16	1,038.20	20.95	50.549	
3,300.00	3,184.08	3,115.59	3,023.22	12.27	11.08	-126.74	-601.36	-573.42	1,092.46	1,070.81	21.65	50.459	
3,400.00	3,279.37	3,209.88	3,113.76	12.72	11.46	-126.76	-615.95	-595.31	1,125.76	1,103.39	22.37	50.330	
3,500.00	3,374.66	3,304.17	3,204.31	13.18	11.85	-126.79	-630.55	-617.19	1,159.06	1,135.95	23.10	50.166	
3,600.00	3,469.95	3,401.54	3,294.86	13.65	12.27	-126.82	-645.14	-639.08	1,192.36	1,168.49	23.87	49.953	

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	-179.60	-200.00	-1.39	200.00						
100.00	100.00	101.00	99.00	3.28	3.28	-179.60	-200.00	-1.39	200.00	192.47	7.53	26.570			
200.00	200.00	201.00	199.00	3.30	3.30	-179.60	-200.00	-1.39	200.00	192.43	7.57	26.424	CC, ES		
200.35	200.35	200.65	199.35	3.30	3.30	-179.60	-200.00	-1.39	200.00	192.43	7.57	26.424			
300.00	300.00	297.41	297.40	3.35	3.34	-126.69	-200.18	-1.74	200.46	192.80	7.65	26.200	SF		
400.00	399.93	394.06	394.00	3.41	3.40	-126.60	-201.71	-4.58	204.15	196.38	7.77	26.276			
500.00	499.68	490.42	490.14	3.50	3.48	-126.41	-204.78	-10.27	211.53	203.60	7.93	26.661			
600.00	599.13	586.30	585.53	3.61	3.58	-126.13	-209.34	-18.75	222.59	214.44	8.15	27.317			
700.00	698.15	681.51	679.88	3.76	3.71	-125.79	-215.37	-29.95	237.29	228.87	8.42	28.192			
800.00	796.63	775.88	772.93	3.93	3.87	-125.39	-222.81	-43.77	255.58	246.83	8.75	29.223			
900.00	894.44	869.23	864.42	4.16	4.08	-124.95	-231.60	-60.09	277.42	268.27	9.14	30.346			
1,000.00	991.46	961.42	954.13	4.43	4.32	-124.48	-241.66	-78.77	302.73	293.12	9.61	31.499			
1,100.00	1,087.58	1,052.85	1,042.38	4.76	4.61	-123.99	-252.97	-99.78	331.44	321.28	10.16	32.633			
1,200.00	1,182.93	1,148.00	1,133.92	5.14	4.95	-124.01	-265.29	-122.66	362.18	351.38	10.80	33.533			
1,300.00	1,278.22	1,243.11	1,225.42	5.56	5.32	-124.20	-277.61	-145.54	393.03	381.54	11.49	34.204			
1,400.00	1,373.52	1,338.23	1,316.92	6.00	5.71	-124.37	-289.93	-168.41	423.87	411.65	12.22	34.677			
1,500.00	1,468.81	1,433.35	1,408.42	6.47	6.12	-124.51	-302.24	-191.28	454.73	441.73	12.99	35.004			
1,600.00	1,564.10	1,528.46	1,499.92	6.95	6.55	-124.63	-314.56	-214.16	485.58	471.79	13.79	35.222			
1,700.00	1,659.39	1,623.58	1,591.42	7.44	6.98	-124.74	-326.87	-237.03	516.43	501.83	14.61	35.357			
1,800.00	1,754.69	1,718.70	1,682.92	7.72	7.39	-124.83	-339.19	-259.90	547.29	532.26	15.02	36.426			
1,900.00	1,849.98	1,813.81	1,774.42	7.81	7.62	-124.92	-351.51	-282.78	578.14	563.01	15.13	38.212			
2,000.00	1,945.27	1,908.93	1,865.92	7.95	7.70	-125.00	-363.82	-305.65	609.00	593.70	15.30	39.791			
2,100.00	2,040.56	2,004.05	1,957.42	8.12	7.81	-125.06	-376.14	-328.52	639.86	624.32	15.54	41.170			
2,200.00	2,135.86	2,100.83	2,048.92	8.33	7.96	-125.13	-388.45	-351.40	670.72	654.88	15.84	42.342			
2,300.00	2,231.15	2,205.72	2,140.42	8.57	8.15	-125.19	-400.77	-374.27	701.58	685.37	16.21	43.277			
2,400.00	2,326.44	2,289.40	2,231.92	8.84	8.33	-125.24	-413.09	-397.14	732.44	715.85	16.60	44.134			
2,500.00	2,421.74	2,384.52	2,323.42	9.14	8.56	-125.29	-425.40	-420.02	763.30	746.25	17.05	44.772			
2,600.00	2,517.03	2,479.63	2,414.92	9.47	8.82	-125.33	-437.72	-442.89	794.16	776.62	17.55	45.263			
2,700.00	2,612.32	2,574.75	2,506.42	9.81	9.09	-125.37	-450.03	-465.76	825.03	806.94	18.08	45.625			
2,800.00	2,707.61	2,669.87	2,597.92	10.18	9.39	-125.41	-462.35	-488.64	855.89	837.23	18.66	45.874			
2,900.00	2,802.91	2,764.98	2,689.43	10.57	9.70	-125.45	-474.67	-511.51	886.75	867.49	19.27	46.029			
3,000.00	2,898.20	2,860.10	2,780.93	10.97	10.03	-125.48	-486.98	-534.38	917.62	897.71	19.90	46.104			
3,100.00	2,993.49	2,955.22	2,872.43	11.39	10.38	-125.51	-499.30	-557.26	948.48	927.91	20.57	46.112			
3,200.00	3,088.78	3,050.33	2,963.93	11.82	10.73	-125.54	-511.61	-580.13	979.34	958.08	21.26	46.066			
3,300.00	3,184.08	3,145.45	3,055.43	12.27	11.11	-125.57	-523.93	-603.00	1,010.21	988.23	21.97	45.975			
3,400.00	3,279.37	3,240.57	3,146.93	12.72	11.49	-125.59	-536.25	-625.88	1,041.07	1,018.36	22.71	45.850			
3,500.00	3,374.66	3,335.68	3,238.43	13.18	11.88	-125.62	-548.56	-648.75	1,071.93	1,048.48	23.46	45.696			
3,600.00	3,469.95	3,430.80	3,329.93	13.65	12.28	-125.64	-560.88	-671.62	1,102.80	1,078.57	24.23	45.521			
3,700.00	3,565.25	3,525.92	3,421.43	14.13	12.69	-125.66	-573.19	-694.50	1,133.66	1,108.65	25.01	45.329			
3,800.00	3,660.54	3,621.04	3,512.93	14.62	13.10	-125.68	-585.51	-717.37	1,164.53	1,138.72	25.81	45.125			
3,900.00	3,755.83	3,716.15	3,604.43	15.11	13.52	-125.70	-597.83	-740.24	1,195.39	1,168.78	26.62	44.912			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.68	-100.18	-0.56	100.18				
100.00	100.00	100.00	100.00	3.28	3.28	-179.68	-100.18	-0.56	100.18	92.65	7.53	13.309	
200.00	200.00	200.00	200.00	3.30	3.30	-179.68	-100.18	-0.56	100.18	92.61	7.57	13.236	
200.00	200.00	200.00	200.00	3.30	3.30	-179.68	-100.18	-0.56	100.18	92.61	7.57	13.236	CC, ES
300.00	300.00	300.17	300.17	3.35	3.34	-126.73	-100.13	-0.99	100.40	92.74	7.65	13.118	
400.00	399.93	400.49	400.42	3.41	3.41	-126.31	-99.76	-4.49	102.14	94.37	7.78	13.133	
500.00	499.68	500.73	500.41	3.50	3.49	-125.52	-99.03	-11.46	105.65	97.70	7.95	13.287	
600.00	599.13	600.84	599.96	3.61	3.61	-124.43	-97.94	-21.90	110.93	102.75	8.18	13.565	
700.00	698.15	700.76	698.90	3.76	3.75	-123.12	-96.48	-35.75	118.00	109.54	8.47	13.939	
800.00	796.63	800.45	797.07	3.93	3.93	-121.68	-94.67	-52.99	126.90	118.07	8.83	14.379	
900.00	894.44	899.86	894.30	4.16	4.16	-120.19	-92.51	-73.55	137.61	128.35	9.27	14.848	
1,000.00	991.46	1,000.97	990.72	4.43	4.44	-119.02	-90.09	-96.58	150.14	140.34	9.81	15.310	
1,100.00	1,087.58	1,102.00	1,086.92	4.76	4.75	-118.99	-87.65	-119.73	164.37	153.94	10.43	15.764	
1,200.00	1,182.93	1,203.25	1,182.90	5.14	5.09	-119.85	-85.23	-142.82	179.92	168.80	11.12	16.182	
1,300.00	1,278.22	1,304.53	1,278.86	5.56	5.45	-120.69	-82.80	-165.91	195.60	183.74	11.86	16.498	
1,400.00	1,373.52	1,405.80	1,374.81	6.00	5.83	-121.41	-80.37	-189.00	211.31	198.68	12.63	16.728	
1,500.00	1,468.81	1,507.08	1,470.77	6.47	6.22	-122.02	-77.95	-212.08	227.05	213.61	13.44	16.895	
1,600.00	1,564.10	1,608.35	1,566.73	6.95	6.63	-122.56	-75.52	-235.17	242.82	228.55	14.27	17.015	
1,700.00	1,659.39	1,709.63	1,662.69	7.44	7.02	-123.03	-73.09	-258.26	258.60	243.50	15.11	17.120	
1,800.00	1,754.69	1,789.10	1,758.64	7.72	7.20	-123.45	-70.67	-281.35	274.40	259.24	15.16	18.104	
1,900.00	1,849.98	1,887.82	1,854.60	7.81	7.29	-123.82	-68.24	-304.43	290.21	274.91	15.31	18.959	
2,000.00	1,945.27	1,986.55	1,950.56	7.95	7.38	-124.16	-65.81	-327.52	306.03	290.53	15.50	19.744	
2,100.00	2,040.56	2,085.28	2,046.51	8.12	7.50	-124.46	-63.39	-350.61	321.86	306.11	15.76	20.429	
2,200.00	2,135.86	2,184.00	2,142.47	8.33	7.65	-124.73	-60.96	-373.70	337.70	321.63	16.07	21.015	
2,300.00	2,231.15	2,282.73	2,238.43	8.57	7.82	-124.98	-58.53	-396.78	353.55	337.11	16.44	21.507	
2,400.00	2,326.44	2,381.45	2,334.39	8.84	8.02	-125.20	-56.11	-419.87	369.40	352.54	16.86	21.911	
2,500.00	2,421.74	2,480.18	2,430.34	9.14	8.24	-125.41	-53.68	-442.96	385.26	367.93	17.33	22.235	
2,600.00	2,517.03	2,578.90	2,526.30	9.47	8.47	-125.60	-51.25	-466.05	401.12	383.28	17.84	22.487	
2,700.00	2,612.32	2,677.63	2,622.26	9.81	8.73	-125.78	-48.83	-489.13	416.98	398.60	18.39	22.677	
2,800.00	2,707.61	2,776.35	2,718.22	10.18	9.01	-125.95	-46.40	-512.22	432.85	413.88	18.97	22.813	
2,900.00	2,802.91	2,875.08	2,814.17	10.57	9.30	-126.10	-43.97	-535.31	448.73	429.13	19.59	22.904	
3,000.00	2,898.20	2,973.80	2,910.13	10.97	9.60	-126.24	-41.55	-558.39	464.60	444.36	20.24	22.955	
3,100.00	2,993.49	3,072.53	3,006.09	11.39	9.92	-126.37	-39.12	-581.48	480.48	459.56	20.91	22.975	
3,200.00	3,088.78	3,171.26	3,102.05	11.82	10.25	-126.50	-36.69	-604.57	496.36	474.75	21.61	22.967	
3,300.00	3,184.08	3,269.98	3,198.00	12.27	10.59	-126.61	-34.27	-627.66	512.24	489.91	22.33	22.939	
3,400.00	3,279.37	3,368.71	3,293.96	12.72	10.94	-126.72	-31.84	-650.74	528.12	505.06	23.07	22.893	
3,500.00	3,374.66	3,467.43	3,389.92	13.18	11.30	-126.83	-29.41	-673.83	544.01	520.18	23.83	22.833	
3,600.00	3,469.95	3,566.16	3,485.88	13.65	11.67	-126.92	-26.99	-696.92	559.90	535.30	24.60	22.762	
3,700.00	3,565.25	3,664.88	3,581.83	14.13	12.04	-127.02	-24.56	-720.01	575.79	550.40	25.38	22.682	
3,800.00	3,660.54	3,763.61	3,677.79	14.62	12.42	-127.10	-22.13	-743.09	591.68	565.49	26.18	22.596	
3,900.00	3,755.83	3,862.33	3,773.75	15.11	12.81	-127.19	-19.71	-766.18	607.57	580.57	27.00	22.506	
4,000.00	3,851.13	3,961.06	3,869.70	15.61	13.20	-127.26	-17.28	-789.27	623.46	595.64	27.82	22.412	
4,100.00	3,946.42	4,059.79	3,965.66	16.11	13.60	-127.34	-14.85	-812.36	639.36	610.71	28.65	22.316	
4,200.00	4,041.71	4,158.51	4,061.62	16.62	14.00	-127.41	-12.43	-835.44	655.25	625.76	29.49	22.218	
4,300.00	4,137.00	4,257.24	4,157.58	17.13	14.41	-127.48	-10.00	-858.53	671.15	640.81	30.34	22.120	
4,400.00	4,232.30	4,355.96	4,253.53	17.64	14.82	-127.54	-7.57	-881.62	687.04	655.85	31.20	22.022	
4,500.00	4,327.59	4,454.69	4,349.49	18.16	15.23	-127.60	-5.15	-904.70	702.94	670.88	32.06	21.925	
4,600.00	4,422.88	4,553.41	4,445.45	18.68	15.65	-127.66	-2.72	-927.79	718.84	685.91	32.93	21.828	
4,700.00	4,518.17	4,652.14	4,541.41	19.21	16.07	-127.72	-0.29	-950.88	734.74	700.93	33.81	21.733	
4,800.00	4,613.47	4,750.86	4,637.36	19.74	16.49	-127.77	2.13	-973.97	750.64	715.95	34.69	21.639	
4,900.00	4,708.76	4,849.59	4,733.32	20.27	16.91	-127.82	4.56	-997.05	766.54	730.96	35.58	21.547	
5,000.00	4,804.05	4,948.32	4,829.28	20.80	17.34	-127.87	6.98	-1,020.14	782.44	745.97	36.47	21.456	
5,100.00	4,899.34	5,047.04	4,925.24	21.33	17.77	-127.92	9.41	-1,043.23	798.34	760.98	37.36	21.368	
5,200.00	4,994.64	5,145.77	5,021.19	21.87	18.20	-127.96	11.84	-1,066.32	814.24	775.98	38.26	21.281	
5,300.00	5,089.93	5,244.49	5,117.15	22.41	18.63	-128.01	14.26	-1,089.40	830.14	790.98	39.16	21.197	
5,400.00	5,185.22	5,343.22	5,213.11	22.95	19.07	-128.05	16.69	-1,112.49	846.05	805.98	40.07	21.114	
5,500.00	5,280.51	5,441.94	5,309.07	23.49	19.50	-128.09	19.12	-1,135.58	861.95	820.97	40.98	21.034	
5,600.00	5,375.81	5,540.67	5,405.02	24.04	19.94	-128.13	21.54	-1,158.67	877.85	835.96	41.89	20.955	
5,700.00	5,471.10	5,639.39	5,500.98	24.58	20.38	-128.17	23.97	-1,181.75	893.76	850.95	42.81	20.879	
5,800.00	5,566.39	5,738.12	5,596.94	25.13	20.82	-128.21	26.40	-1,204.84	909.66	865.94	43.73	20.804	
5,900.00	5,661.69	5,836.85	5,692.89	25.67	21.27	-128.24	28.82	-1,227.93	925.57	880.92	44.65	20.731	
6,000.00	5,756.98	5,935.57	5,788.85	26.22	21.71	-128.27	31.25	-1,251.02	941.47	895.90	45.57	20.661	
6,100.00	5,852.27	6,034.30	5,884.81	26.77	22.15	-128.31	33.68	-1,274.10	957.38	910.88	46.49	20.592	
6,200.00	5,947.56	6,133.02	5,980.77	27.32	22.60	-128.34	36.10	-1,297.19	973.28	925.86	47.42	20.525	
6,300.00	6,042.86	6,231.75	6,076.72	27.87	23.05	-128.37	38.53	-1,320.28	989.19	940.84	48.35	20.459	
6,400.00	6,138.15	6,330.47	6,172.68	28.43	23.49	-128.40	40.96	-1,343.36	1,005.09	955.82	49.28	20.396	

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	6,233.56	6,429.19	6,268.64	28.95	23.94	-133.81	43.38	-1,366.45	1,021.00	970.81	50.19	20.342	
6,600.00	6,330.92	6,527.19	6,363.88	29.21	24.39	-167.45	45.79	-1,389.37	1,036.77	985.79	50.98	20.339	
6,700.00	6,429.01	6,621.36	6,456.29	29.36	24.64	148.36	48.12	-1,406.98	1,052.55	1,000.99	51.56	20.413	
6,800.00	6,525.41	6,717.80	6,552.53	29.46	24.77	123.83	50.53	-1,410.97	1,068.45	1,016.45	52.00	20.548	
6,900.00	6,617.77	6,817.90	6,651.86	29.54	24.85	112.64	52.99	-1,399.70	1,084.09	1,031.71	52.38	20.698	
7,000.00	6,703.79	6,922.19	6,752.12	29.64	24.92	106.82	55.45	-1,371.57	1,099.08	1,046.30	52.78	20.825	
7,100.00	6,781.37	7,031.13	6,850.49	29.81	25.05	103.45	57.84	-1,325.13	1,113.00	1,059.71	53.30	20.883	
7,200.00	6,848.60	7,145.05	6,943.33	30.10	25.31	101.40	60.06	-1,259.40	1,125.41	1,071.36	54.06	20.819	
7,300.00	6,903.80	7,264.02	7,026.17	30.55	25.83	100.15	62.00	-1,174.27	1,135.86	1,080.64	55.22	20.571	
7,400.00	6,945.64	7,387.74	7,093.98	31.20	26.73	99.42	63.54	-1,071.03	1,143.92	1,087.00	56.93	20.095	
7,500.00	6,973.08	7,515.43	7,141.71	32.08	28.07	99.07	64.56	-952.83	1,149.23	1,089.95	59.28	19.387	
7,600.00	6,985.44	7,645.84	7,165.16	33.17	29.82	99.01	64.96	-824.78	1,151.49	1,089.27	62.22	18.506	
7,700.00	6,987.78	7,754.73	7,168.45	34.47	31.54	99.03	64.89	-715.96	1,151.45	1,086.01	65.43	17.597	
7,800.00	6,989.91	7,854.73	7,170.48	35.99	33.29	99.02	64.79	-615.98	1,151.28	1,082.39	68.90	16.710	
7,900.00	6,992.03	7,954.73	7,172.51	37.71	35.20	99.02	64.70	-516.00	1,151.12	1,078.45	72.67	15.840	
8,000.00	6,994.16	8,054.73	7,174.54	39.59	37.25	99.02	64.61	-416.02	1,150.96	1,074.24	76.71	15.003	
8,100.00	6,996.29	8,154.73	7,176.57	41.62	39.42	99.01	64.51	-316.04	1,150.79	1,069.81	80.98	14.211	
8,200.00	6,998.42	8,254.73	7,178.59	43.77	41.68	99.01	64.42	-216.06	1,150.63	1,065.19	85.44	13.468	
8,300.00	7,000.55	8,354.73	7,180.62	46.02	44.03	99.01	64.32	-116.08	1,150.46	1,060.41	90.05	12.775	
8,400.00	7,002.68	8,454.73	7,182.65	48.36	46.45	99.00	64.23	-16.11	1,150.30	1,055.49	94.81	12.132	
8,500.00	7,004.81	8,554.73	7,184.68	50.77	48.93	99.00	64.14	83.87	1,150.14	1,050.45	99.69	11.537	
8,600.00	7,006.94	8,654.73	7,186.71	53.24	51.46	98.99	64.04	183.85	1,149.97	1,045.31	104.67	10.987	
8,700.00	7,009.07	8,754.73	7,188.74	55.77	54.03	98.99	63.95	283.83	1,149.81	1,040.07	109.73	10.478	
8,800.00	7,011.20	8,854.73	7,190.77	58.33	56.65	98.99	63.86	383.81	1,149.65	1,034.77	114.88	10.008	
8,900.00	7,013.33	8,954.73	7,192.79	60.94	59.29	98.98	63.76	483.79	1,149.48	1,029.40	120.09	9.572	
9,000.00	7,015.46	9,054.73	7,194.82	63.58	61.97	98.98	63.67	583.77	1,149.32	1,023.96	125.35	9.169	
9,100.00	7,017.59	9,154.72	7,196.85	66.25	64.66	98.97	63.58	683.75	1,149.16	1,018.48	130.67	8.794	
9,200.00	7,019.71	9,254.72	7,198.88	68.94	67.39	98.97	63.48	783.73	1,148.99	1,012.95	136.04	8.446	
9,300.00	7,021.84	9,354.72	7,200.91	71.66	70.13	98.97	63.39	883.71	1,148.83	1,007.39	141.44	8.122	
9,400.00	7,023.97	9,454.72	7,202.94	74.39	72.89	98.96	63.29	983.69	1,148.66	1,001.78	146.88	7.820	
9,500.00	7,026.10	9,554.72	7,204.97	77.15	75.66	98.96	63.20	1,083.67	1,148.50	996.15	152.35	7.538	
9,600.00	7,028.23	9,654.72	7,207.00	79.91	78.45	98.96	63.11	1,183.65	1,148.34	990.49	157.85	7.275	
9,700.00	7,030.36	9,754.72	7,209.02	82.70	81.25	98.95	63.01	1,283.62	1,148.17	984.80	163.38	7.028	
9,800.00	7,032.49	9,854.72	7,211.05	85.49	84.06	98.95	62.92	1,383.60	1,148.01	979.09	168.92	6.796	
9,900.00	7,034.62	9,954.72	7,213.08	88.30	86.88	98.94	62.83	1,483.58	1,147.85	973.35	174.49	6.578	
10,000.00	7,036.75	10,054.72	7,215.11	91.11	89.71	98.94	62.73	1,583.56	1,147.68	967.60	180.08	6.373	
10,100.00	7,038.88	10,154.72	7,217.14	93.94	92.55	98.94	62.64	1,683.54	1,147.52	961.83	185.69	6.180	
10,200.00	7,041.01	10,254.72	7,219.17	96.77	95.40	98.93	62.55	1,783.52	1,147.36	956.05	191.31	5.997	
10,300.00	7,043.14	10,354.72	7,221.20	99.61	98.25	98.93	62.45	1,883.50	1,147.19	950.25	196.94	5.825	
10,400.00	7,045.27	10,454.72	7,223.22	102.46	101.11	98.93	62.36	1,983.48	1,147.03	944.44	202.59	5.662	
10,500.00	7,047.39	10,554.72	7,225.25	105.32	103.97	98.92	62.26	2,083.46	1,146.87	938.61	208.25	5.507	
10,600.00	7,049.52	10,654.72	7,227.28	108.18	106.85	98.92	62.17	2,183.44	1,146.70	932.78	213.92	5.360	
10,700.00	7,051.65	10,754.72	7,229.31	111.04	109.72	98.91	62.08	2,283.42	1,146.54	926.93	219.61	5.221	
10,800.00	7,053.78	10,854.72	7,231.34	113.92	112.60	98.91	61.98	2,383.40	1,146.37	921.08	225.30	5.088	
10,900.00	7,055.91	10,954.72	7,233.37	116.79	115.49	98.91	61.89	2,483.38	1,146.21	915.21	231.00	4.962	
11,000.00	7,058.04	11,054.72	7,235.40	119.67	118.37	98.90	61.80	2,583.35	1,146.05	909.34	236.71	4.842	
11,100.00	7,060.17	11,154.72	7,237.42	122.56	121.27	98.90	61.70	2,683.33	1,145.88	903.46	242.42	4.727	
11,200.00	7,062.30	11,254.72	7,239.45	125.45	124.16	98.89	61.61	2,783.31	1,145.72	897.58	248.14	4.617	
11,300.00	7,064.43	11,354.72	7,241.48	128.34	127.06	98.89	61.51	2,883.29	1,145.56	891.68	253.87	4.512	
11,400.00	7,066.56	11,454.72	7,243.51	131.23	129.96	98.89	61.42	2,983.27	1,145.39	885.78	259.61	4.412	
11,500.00	7,068.69	11,554.72	7,245.54	134.13	132.86	98.88	61.33	3,083.25	1,145.23	879.88	265.35	4.316	
11,600.00	7,070.82	11,654.72	7,247.57	137.03	135.77	98.88	61.23	3,183.23	1,145.07	873.97	271.10	4.224	
11,700.00	7,072.94	11,754.72	7,249.60	139.93	138.68	98.88	61.14	3,283.21	1,144.90	868.05	276.85	4.135	
11,800.00	7,075.07	11,854.72	7,251.62	142.84	141.59	98.87	61.05	3,383.19	1,144.74	862.13	282.61	4.051	
11,900.00	7,077.20	11,954.72	7,253.65	145.75	144.50	98.87	60.95	3,483.17	1,144.58	856.20	288.37	3.969	
12,000.00	7,079.33	12,054.72	7,255.68	148.66	147.42	98.86	60.86	3,583.15	1,144.41	850.27	294.14	3.891	
12,100.00	7,081.46	12,154.72	7,257.71	151.57	150.34	98.86	60.77	3,683.13	1,144.25	844.34	299.91	3.815	
12,200.00	7,083.59	12,254.72	7,259.74	154.48	153.26	98.86	60.67	3,783.11	1,144.09	838.40	305.68	3.743	
12,300.00	7,085.72	12,354.72	7,261.77	157.40	156.18	98.85	60.58	3,883.08	1,143.92	832.46	311.46	3.673	
12,400.00	7,087.85	12,454.72	7,263.80	160.32	159.10	98.85	60.48	3,983.06	1,143.76	826.52	317.24	3.605	
12,500.00	7,089.98	12,554.72	7,265.82	163.24	162.02	98.85	60.39	4,083.04	1,143.60	820.57	323.02	3.540	
12,600.00	7,092.11	12,654.72	7,267.85	166.16	164.95	98.84	60.30	4,183.02	1,143.43	814.62	328.81	3.477	
12,700.00	7,094.24	12,754.72	7,269.88	169.08	167.87	98.84	60.20	4,283.00	1,143.27	808.67	334.60	3.417	
12,800.00	7,096.37	12,854.72	7,271.91	172.00	170.80	98.83	60.11	4,382.98	1,143.11	802.71	340.39	3.358	
12,900.00	7,098.50	12,954.72	7,273.94	174.93	173.73	98.83	60.02	4,482.96	1,142.94	796.75	346.19	3.301	
13,000.00	7,100.62	13,054.72	7,275.97	177.86	176.66	98.83	59.9						

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	7,102.75	13,154.72	7,278.00	180.78	179.59	98.82	59.83	4,682.92	1,142.61	784.83	357.79	3.194	
13,200.00	7,104.88	13,254.72	7,280.02	183.71	182.52	98.82	59.73	4,782.90	1,142.45	778.86	363.59	3.142	
13,300.00	7,107.01	13,354.72	7,282.05	186.64	185.46	98.81	59.64	4,882.88	1,142.29	772.89	369.40	3.092	
13,400.00	7,109.14	13,454.72	7,284.08	189.57	188.39	98.81	59.55	4,982.86	1,142.12	766.92	375.20	3.044	
13,500.00	7,111.27	13,554.72	7,286.11	192.51	191.32	98.81	59.45	5,082.83	1,141.96	760.95	381.01	2.997	
13,600.00	7,113.40	13,654.72	7,288.14	195.44	194.26	98.80	59.36	5,182.81	1,141.80	754.98	386.82	2.952	
13,700.00	7,115.53	13,754.72	7,290.17	198.37	197.20	98.80	59.27	5,282.79	1,141.63	749.00	392.63	2.908	
13,800.00	7,117.66	13,854.72	7,292.20	201.31	200.13	98.80	59.17	5,382.77	1,141.47	743.02	398.45	2.865	
13,900.00	7,119.79	13,954.72	7,294.22	204.24	203.07	98.79	59.08	5,482.75	1,141.31	737.04	404.26	2.823	
14,000.00	7,121.92	14,054.72	7,296.25	207.18	206.01	98.79	58.99	5,582.73	1,141.14	731.06	410.08	2.783	
14,100.00	7,124.05	14,154.72	7,298.28	210.12	208.95	98.78	58.89	5,682.71	1,140.98	725.08	415.90	2.743	
14,200.00	7,126.17	14,254.72	7,300.31	213.05	211.89	98.78	58.80	5,782.69	1,140.82	719.10	421.72	2.705	
14,300.00	7,128.30	14,354.72	7,302.34	215.99	214.83	98.78	58.70	5,882.67	1,140.65	713.11	427.54	2.668	
14,400.00	7,130.43	14,454.72	7,304.37	218.93	217.77	98.77	58.61	5,982.65	1,140.49	707.12	433.37	2.632	
14,500.00	7,132.56	14,554.72	7,306.40	221.87	220.71	98.77	58.52	6,082.63	1,140.33	701.14	439.19	2.596	
14,600.00	7,134.69	14,654.72	7,308.42	224.81	223.66	98.76	58.42	6,182.61	1,140.16	695.15	445.02	2.562	
14,700.00	7,136.82	14,754.72	7,310.45	227.75	226.60	98.76	58.33	6,282.59	1,140.00	689.16	450.85	2.529	
14,800.00	7,138.95	14,854.72	7,312.48	230.70	229.54	98.76	58.24	6,382.56	1,139.84	683.16	456.67	2.496	
14,900.00	7,141.08	14,954.72	7,314.51	233.64	232.49	98.75	58.14	6,482.54	1,139.67	677.17	462.50	2.464	
15,000.00	7,143.21	15,054.72	7,316.54	236.58	235.43	98.75	58.05	6,582.52	1,139.51	671.18	468.34	2.433	
15,100.00	7,145.34	15,154.72	7,318.57	239.52	238.38	98.75	57.96	6,682.50	1,139.35	665.18	474.17	2.403	
15,200.00	7,147.47	15,254.72	7,320.60	242.47	241.32	98.74	57.86	6,782.48	1,139.18	659.18	480.00	2.373	
15,300.00	7,149.60	15,354.71	7,322.62	245.41	244.27	98.74	57.77	6,882.46	1,139.02	653.19	485.83	2.344	
15,400.00	7,151.73	15,454.71	7,324.65	248.36	247.21	98.73	57.67	6,982.44	1,138.86	647.19	491.67	2.316	
15,500.00	7,153.85	15,554.71	7,326.68	251.30	250.16	98.73	57.58	7,082.42	1,138.69	641.19	497.50	2.289	
15,600.00	7,155.98	15,654.71	7,328.71	254.25	253.11	98.73	57.49	7,182.40	1,138.53	635.19	503.34	2.262	
15,700.00	7,158.11	15,754.71	7,330.74	257.19	256.05	98.72	57.39	7,282.38	1,138.37	629.19	509.18	2.236	
15,800.00	7,160.24	15,854.71	7,332.77	260.14	259.00	98.72	57.30	7,382.36	1,138.20	623.19	515.02	2.210	
15,900.00	7,162.37	15,954.71	7,334.80	263.09	261.95	98.71	57.21	7,482.34	1,138.04	617.18	520.86	2.185	
16,000.00	7,164.50	16,054.71	7,336.83	266.03	264.90	98.71	57.11	7,582.32	1,137.88	611.18	526.70	2.160	
16,100.00	7,166.63	16,154.71	7,338.85	268.98	267.85	98.71	57.02	7,682.29	1,137.72	605.18	532.54	2.136	
16,200.00	7,168.76	16,254.71	7,340.88	271.93	270.80	98.70	56.92	7,782.27	1,137.55	599.17	538.38	2.113	
16,300.00	7,170.89	16,354.71	7,342.91	274.88	273.75	98.70	56.83	7,882.25	1,137.39	593.17	544.22	2.090	
16,400.00	7,173.02	16,454.71	7,344.94	277.82	276.70	98.70	56.74	7,982.23	1,137.23	587.16	550.07	2.067	
16,500.00	7,175.15	16,554.71	7,346.97	280.77	279.65	98.69	56.64	8,082.21	1,137.06	581.15	555.91	2.045	
16,600.00	7,177.28	16,654.71	7,349.00	283.72	282.60	98.69	56.55	8,182.19	1,136.90	575.15	561.75	2.024	
16,700.00	7,179.40	16,754.71	7,351.03	286.67	285.55	98.68	56.46	8,282.17	1,136.74	569.14	567.60	2.003	
16,800.00	7,181.53	16,854.71	7,353.05	289.62	288.50	98.68	56.36	8,382.15	1,136.57	563.13	573.44	1.982	
16,900.00	7,183.66	16,954.71	7,355.08	292.57	291.45	98.68	56.27	8,482.13	1,136.41	557.12	579.29	1.962	
17,000.00	7,185.79	17,054.71	7,357.11	295.52	294.40	98.67	56.18	8,582.11	1,136.25	551.11	585.14	1.942	
17,100.00	7,187.92	17,154.71	7,359.14	298.47	297.35	98.67	56.08	8,682.09	1,136.08	545.10	590.99	1.922	
17,200.00	7,190.05	17,254.71	7,361.17	301.42	300.30	98.66	55.99	8,782.07	1,135.92	539.09	596.83	1.903	
17,300.00	7,192.18	17,354.71	7,363.20	304.37	303.25	98.66	55.89	8,882.05	1,135.76	533.07	602.68	1.884	
17,400.00	7,194.31	17,454.71	7,365.23	307.32	306.21	98.66	55.80	8,982.02	1,135.59	527.06	608.53	1.866	
17,500.00	7,196.44	17,554.71	7,367.25	310.28	309.16	98.65	55.71	9,082.00	1,135.43	521.05	614.38	1.848	
17,573.34	7,198.00	17,628.05	7,368.74	312.44	311.32	98.65	55.64	9,155.33	1,135.31	516.64	618.67	1.835 SF	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	0.00	0.00	3.28	3.28	-179.54	-139.89	-1.11	139.89				
100.00	100.00	100.00	100.00	3.28	3.28	-179.54	-139.89	-1.11	139.89	132.37	7.53	18.585	
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.89	-1.11	139.89	132.33	7.57	18.484	CC
200.00	200.00	200.00	200.00	3.30	3.30	-179.54	-139.89	-1.11	139.89	132.33	7.57	18.484	ES
300.00	300.00	299.75	299.74	3.35	3.34	-126.61	-139.93	-1.54	140.20	132.55	7.65	18.320	SF
400.00	399.93	399.19	399.12	3.41	3.40	-126.31	-140.26	-4.98	142.65	134.87	7.78	18.345	
500.00	499.68	498.49	498.18	3.50	3.49	-125.74	-140.92	-11.83	147.54	139.59	7.95	18.565	
600.00	599.13	597.56	596.71	3.61	3.60	-124.94	-141.91	-22.07	154.89	146.72	8.17	18.954	
700.00	698.15	696.30	694.50	3.76	3.74	-123.99	-143.22	-35.65	164.70	156.25	8.46	19.476	
800.00	796.63	794.63	791.36	3.93	3.92	-122.93	-144.84	-52.49	176.98	168.17	8.81	20.088	
900.00	894.44	892.46	887.09	4.16	4.14	-121.82	-146.77	-72.52	191.71	182.46	9.24	20.740	
1,000.00	991.46	990.00	981.81	4.43	4.41	-120.72	-148.99	-95.65	208.86	199.09	9.76	21.389	
1,100.00	1,087.58	1,088.14	1,076.89	4.76	4.72	-120.22	-151.33	-119.91	227.97	217.60	10.38	21.970	
1,200.00	1,182.93	1,186.02	1,171.69	5.14	5.06	-120.50	-153.66	-144.10	248.43	237.37	11.06	22.461	
1,300.00	1,278.22	1,283.87	1,266.48	5.56	5.43	-120.88	-155.99	-168.29	268.99	257.20	11.79	22.810	
1,400.00	1,373.52	1,381.72	1,361.26	6.00	5.81	-121.20	-158.32	-192.48	289.56	276.99	12.57	23.045	
1,500.00	1,468.81	1,479.57	1,456.05	6.47	6.21	-121.48	-160.65	-216.67	310.13	296.76	13.37	23.194	
1,600.00	1,564.10	1,577.42	1,550.83	6.95	6.61	-121.72	-162.98	-240.86	330.71	316.51	14.20	23.283	
1,700.00	1,659.39	1,675.27	1,645.61	7.44	7.03	-121.94	-165.30	-265.05	351.30	336.24	15.06	23.328	
1,800.00	1,754.69	1,773.12	1,740.40	7.72	7.32	-122.13	-167.63	-289.24	371.89	356.50	15.39	24.166	
1,900.00	1,849.98	1,870.97	1,835.18	7.81	7.44	-122.30	-169.96	-313.43	392.48	377.08	15.41	25.477	
2,000.00	1,945.27	1,968.82	1,929.97	7.95	7.53	-122.46	-172.29	-337.62	413.08	397.48	15.61	26.471	
2,100.00	2,040.56	2,066.67	2,024.75	8.12	7.65	-122.60	-174.62	-361.81	433.68	417.81	15.87	27.329	
2,200.00	2,135.86	2,164.52	2,119.54	8.33	7.80	-122.73	-176.95	-386.00	454.28	438.09	16.19	28.055	
2,300.00	2,231.15	2,262.37	2,214.32	8.57	7.98	-122.84	-179.28	-410.19	474.89	458.31	16.57	28.654	
2,400.00	2,326.44	2,360.22	2,309.10	8.84	8.19	-122.95	-181.61	-434.37	495.49	478.49	17.01	29.136	
2,500.00	2,421.74	2,458.07	2,403.89	9.14	8.41	-123.05	-183.94	-458.56	516.10	498.61	17.49	29.511	
2,600.00	2,517.03	2,555.92	2,498.67	9.47	8.66	-123.14	-186.27	-482.75	536.71	518.69	18.01	29.793	
2,700.00	2,612.32	2,653.77	2,593.46	9.81	8.93	-123.22	-188.60	-506.94	557.32	538.74	18.58	29.993	
2,800.00	2,707.61	2,751.62	2,688.24	10.18	9.22	-123.30	-190.93	-531.13	577.93	558.74	19.19	30.124	
2,900.00	2,802.91	2,849.47	2,783.03	10.57	9.52	-123.37	-193.25	-555.32	598.54	578.72	19.82	30.195	
3,000.00	2,898.20	2,947.32	2,877.81	10.97	9.84	-123.44	-195.58	-579.51	619.15	598.66	20.49	30.218	
3,100.00	2,993.49	3,045.17	2,972.59	11.39	10.18	-123.50	-197.91	-603.70	639.77	618.58	21.18	30.200	
3,200.00	3,088.78	3,143.02	3,067.38	11.82	10.52	-123.56	-200.24	-627.89	660.38	638.48	21.90	30.150	
3,300.00	3,184.08	3,240.87	3,162.16	12.27	10.88	-123.62	-202.57	-652.08	681.00	658.35	22.64	30.073	
3,400.00	3,279.37	3,338.72	3,256.95	12.72	11.25	-123.67	-204.90	-676.27	701.61	678.21	23.41	29.976	
3,500.00	3,374.66	3,436.57	3,351.73	13.18	11.62	-123.72	-207.23	-700.46	722.23	698.04	24.19	29.862	
3,600.00	3,469.95	3,534.42	3,446.52	13.65	12.00	-123.77	-209.56	-724.65	742.84	717.86	24.98	29.736	
3,700.00	3,565.25	3,632.27	3,541.30	14.13	12.40	-123.81	-211.89	-748.84	763.46	737.67	25.79	29.601	
3,800.00	3,660.54	3,730.12	3,636.09	14.62	12.79	-123.85	-214.22	-773.03	784.08	757.46	26.62	29.459	
3,900.00	3,755.83	3,827.97	3,730.87	15.11	13.20	-123.89	-216.55	-797.21	804.70	777.24	27.45	29.313	
4,000.00	3,851.13	3,925.82	3,825.65	15.61	13.61	-123.93	-218.88	-821.40	825.31	797.02	28.30	29.164	
4,100.00	3,946.42	4,023.67	3,920.44	16.11	14.02	-123.97	-221.20	-845.59	845.93	816.78	29.16	29.014	
4,200.00	4,041.71	4,121.52	4,015.22	16.62	14.44	-124.00	-223.53	-869.78	866.55	836.53	30.02	28.863	
4,300.00	4,137.00	4,219.37	4,110.01	17.13	14.87	-124.04	-225.86	-893.97	887.17	856.27	30.90	28.713	
4,400.00	4,232.30	4,317.22	4,204.79	17.64	15.30	-124.07	-228.19	-918.16	907.79	876.01	31.78	28.565	
4,500.00	4,327.59	4,415.07	4,299.58	18.16	15.73	-124.10	-230.52	-942.35	928.41	895.74	32.67	28.418	
4,600.00	4,422.88	4,512.92	4,394.36	18.68	16.16	-124.12	-232.85	-966.54	949.03	915.46	33.57	28.273	
4,700.00	4,518.17	4,610.77	4,489.14	19.21	16.60	-124.15	-235.18	-990.73	969.65	935.18	34.47	28.132	
4,800.00	4,613.47	4,708.62	4,583.93	19.74	17.04	-124.18	-237.51	-1,014.92	990.27	954.89	35.38	27.993	
4,900.00	4,708.76	4,806.47	4,678.71	20.27	17.49	-124.20	-239.84	-1,039.11	1,010.89	974.60	36.29	27.857	
5,000.00	4,804.05	4,904.32	4,773.50	20.80	17.93	-124.23	-242.17	-1,063.30	1,031.51	994.30	37.21	27.724	
5,100.00	4,899.34	5,002.17	4,868.28	21.33	18.38	-124.25	-244.50	-1,087.49	1,052.13	1,014.00	38.13	27.594	
5,200.00	4,994.64	5,100.02	4,963.07	21.87	18.83	-124.27	-246.83	-1,111.68	1,072.75	1,033.70	39.05	27.468	
5,300.00	5,089.93	5,202.13	5,057.85	22.41	19.30	-124.29	-249.15	-1,135.87	1,093.37	1,053.37	40.00	27.332	
5,400.00	5,185.22	5,304.28	5,152.63	22.95	19.78	-124.31	-251.48	-1,160.06	1,113.99	1,073.04	40.96	27.199	
5,500.00	5,280.51	5,406.43	5,247.42	23.49	20.25	-124.33	-253.81	-1,184.24	1,134.62	1,092.70	41.91	27.070	
5,600.00	5,375.81	5,508.58	5,342.20	24.04	20.73	-124.35	-256.14	-1,208.43	1,155.24	1,112.36	42.87	26.945	
5,700.00	5,471.10	5,589.27	5,436.99	24.58	21.11	-124.37	-258.47	-1,232.62	1,175.86	1,132.12	43.74	26.885	
5,800.00	5,566.39	5,687.12	5,531.77	25.13	21.57	-124.39	-260.80	-1,256.81	1,196.48	1,151.80	44.68	26.778	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-119.85	-0.84	119.86				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-119.85	-0.84	119.86	112.33	7.53	15.923	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-119.85	-0.84	119.86	112.29	7.57	15.836	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-119.85	-0.84	119.86	112.29	7.57	15.836	CC, ES
300.00	300.00	299.94	299.93	3.35	3.34	-126.66	-119.86	-1.27	120.13	112.48	7.65	15.697	SF
400.00	399.93	399.77	399.70	3.41	3.40	-126.30	-119.94	-4.75	122.32	114.55	7.78	15.729	
500.00	499.68	499.49	499.17	3.50	3.49	-125.63	-120.10	-11.69	126.71	118.76	7.95	15.941	
600.00	599.13	599.01	598.14	3.61	3.60	-124.69	-120.34	-22.06	133.32	125.14	8.17	16.309	
700.00	698.15	698.26	696.43	3.76	3.74	-123.58	-120.65	-35.82	142.14	133.68	8.46	16.800	
800.00	796.63	797.16	793.84	3.93	3.92	-122.35	-121.04	-52.92	153.20	144.38	8.82	17.375	
900.00	894.44	895.66	890.20	4.16	4.15	-121.08	-121.50	-73.27	166.49	157.24	9.26	17.989	
1,000.00	991.46	1,005.97	985.78	4.43	4.46	-119.92	-122.03	-96.56	181.96	172.14	9.82	18.534	
1,100.00	1,087.58	1,107.48	1,081.34	4.76	4.78	-119.60	-122.57	-120.38	199.24	188.79	10.44	19.076	
1,200.00	1,182.93	1,209.25	1,176.66	5.14	5.13	-120.10	-123.11	-144.14	217.83	206.69	11.14	19.548	
1,300.00	1,278.22	1,288.96	1,271.95	5.56	5.42	-120.65	-123.65	-167.89	236.54	224.73	11.81	20.031	
1,400.00	1,373.52	1,387.17	1,367.24	6.00	5.80	-121.13	-124.18	-191.64	255.27	242.69	12.58	20.293	
1,500.00	1,468.81	1,485.38	1,462.54	6.47	6.19	-121.53	-124.72	-215.40	274.01	260.63	13.38	20.477	
1,600.00	1,564.10	1,583.59	1,557.83	6.95	6.59	-121.89	-125.26	-239.15	292.77	278.56	14.21	20.602	
1,700.00	1,659.39	1,681.80	1,653.12	7.44	7.00	-122.20	-125.80	-262.90	311.53	296.47	15.06	20.685	
1,800.00	1,754.69	1,780.02	1,748.42	7.72	7.27	-122.48	-126.34	-286.66	330.30	314.93	15.37	21.487	
1,900.00	1,849.98	1,878.23	1,843.71	7.81	7.37	-122.73	-126.88	-310.41	349.08	333.71	15.37	22.707	
2,000.00	1,945.27	1,976.44	1,939.00	7.95	7.46	-122.95	-127.42	-334.16	367.86	352.29	15.57	23.625	
2,100.00	2,040.56	2,074.65	2,034.30	8.12	7.58	-123.15	-127.96	-357.92	386.65	370.82	15.83	24.421	
2,200.00	2,135.86	2,172.86	2,129.59	8.33	7.73	-123.33	-128.50	-381.67	405.44	389.29	16.15	25.099	
2,300.00	2,231.15	2,271.07	2,224.88	8.57	7.91	-123.50	-129.04	-405.42	424.24	407.71	16.53	25.664	
2,400.00	2,326.44	2,369.28	2,320.17	8.84	8.11	-123.65	-129.57	-429.18	443.04	426.08	16.96	26.123	
2,500.00	2,421.74	2,467.49	2,415.47	9.14	8.33	-123.79	-130.11	-452.93	461.84	444.41	17.44	26.486	
2,600.00	2,517.03	2,565.70	2,510.76	9.47	8.57	-123.92	-130.65	-476.68	480.65	462.69	17.96	26.765	
2,700.00	2,612.32	2,663.91	2,606.05	9.81	8.84	-124.04	-131.19	-500.44	499.45	480.93	18.52	26.969	
2,800.00	2,707.61	2,762.12	2,701.35	10.18	9.12	-124.15	-131.73	-524.19	518.26	499.15	19.12	27.110	
2,900.00	2,802.91	2,860.33	2,796.64	10.57	9.42	-124.25	-132.27	-547.94	537.07	517.33	19.75	27.197	
3,000.00	2,898.20	2,958.54	2,891.93	10.97	9.73	-124.34	-132.81	-571.69	555.89	535.48	20.41	27.238	
3,100.00	2,993.49	3,056.75	2,987.23	11.39	10.06	-124.43	-133.35	-595.45	574.70	553.60	21.10	27.242	
3,200.00	3,088.78	3,154.96	3,082.52	11.82	10.39	-124.52	-133.89	-619.20	593.51	571.71	21.81	27.216	
3,300.00	3,184.08	3,253.17	3,177.81	12.27	10.74	-124.60	-134.43	-642.95	612.33	589.79	22.54	27.165	
3,400.00	3,279.37	3,351.38	3,273.11	12.72	11.10	-124.67	-134.96	-666.71	631.15	607.85	23.29	27.094	
3,500.00	3,374.66	3,449.59	3,368.40	13.18	11.47	-124.74	-135.50	-690.46	649.96	625.90	24.07	27.007	
3,600.00	3,469.95	3,547.80	3,463.69	13.65	11.84	-124.80	-136.04	-714.21	668.78	643.93	24.85	26.909	
3,700.00	3,565.25	3,646.02	3,558.99	14.13	12.23	-124.87	-136.58	-737.97	687.60	661.95	25.66	26.801	
3,800.00	3,660.54	3,744.23	3,654.28	14.62	12.62	-124.93	-137.12	-761.72	706.42	679.95	26.47	26.686	
3,900.00	3,755.83	3,842.44	3,749.57	15.11	13.01	-124.98	-137.66	-785.47	725.24	697.94	27.30	26.567	
4,000.00	3,851.13	3,940.65	3,844.87	15.61	13.41	-125.03	-138.20	-809.23	744.06	715.93	28.14	26.444	
4,100.00	3,946.42	4,038.86	3,940.16	16.11	13.82	-125.08	-138.74	-832.98	762.89	733.90	28.99	26.319	
4,200.00	4,041.71	4,137.07	4,035.45	16.62	14.23	-125.13	-139.28	-856.73	781.71	751.87	29.84	26.194	
4,300.00	4,137.00	4,235.28	4,130.75	17.13	14.65	-125.18	-139.82	-880.49	800.53	769.82	30.71	26.068	
4,400.00	4,232.30	4,333.49	4,226.04	17.64	15.07	-125.22	-140.36	-904.24	819.36	787.77	31.58	25.943	
4,500.00	4,327.59	4,431.70	4,321.33	18.16	15.49	-125.26	-140.89	-927.99	838.18	805.72	32.46	25.819	
4,600.00	4,422.88	4,529.91	4,416.63	18.68	15.91	-125.30	-141.43	-951.75	857.00	823.65	33.35	25.697	
4,700.00	4,518.17	4,628.12	4,511.92	19.21	16.34	-125.34	-141.97	-975.50	875.83	841.59	34.24	25.576	
4,800.00	4,613.47	4,726.33	4,607.21	19.74	16.78	-125.38	-142.51	-999.25	894.65	859.51	35.14	25.458	
4,900.00	4,708.76	4,824.54	4,702.51	20.27	17.21	-125.41	-143.05	-1,023.01	913.48	877.43	36.05	25.342	
5,000.00	4,804.05	4,922.75	4,797.80	20.80	17.65	-125.45	-143.59	-1,046.76	932.31	895.35	36.95	25.229	
5,100.00	4,899.34	5,020.96	4,893.09	21.33	18.09	-125.48	-144.13	-1,070.51	951.13	913.27	37.87	25.118	
5,200.00	4,994.64	5,119.17	4,988.39	21.87	18.53	-125.51	-144.67	-1,094.26	969.96	931.18	38.78	25.010	
5,300.00	5,089.93	5,217.38	5,083.68	22.41	18.97	-125.54	-145.21	-1,118.02	988.79	949.08	39.70	24.904	
5,400.00	5,185.22	5,315.59	5,178.97	22.95	19.42	-125.57	-145.75	-1,141.77	1,007.61	966.98	40.63	24.801	
5,500.00	5,280.51	5,413.80	5,274.27	23.49	19.86	-125.59	-146.28	-1,165.52	1,026.44	984.88	41.55	24.701	
5,600.00	5,375.81	5,512.02	5,369.56	24.04	20.31	-125.62	-146.82	-1,189.28	1,045.27	1,002.78	42.48	24.603	
5,700.00	5,471.10	5,610.23	5,464.85	24.58	20.76	-125.65	-147.36	-1,213.03	1,064.09	1,020.68	43.42	24.508	
5,800.00	5,566.39	5,708.44	5,560.15	25.13	21.21	-125.67	-147.90	-1,236.78	1,082.92	1,038.57	44.35	24.416	
5,900.00	5,661.69	5,806.65	5,655.44	25.67	21.66	-125.70	-148.44	-1,260.54	1,101.75	1,056.46	45.29	24.326	
6,000.00	5,756.98	5,904.86	5,750.73	26.22	22.12	-125.72	-148.98	-1,284.29	1,120.58	1,074.35	46.23	24.238	
6,100.00	5,852.27	6,003.07	5,846.03	26.77	22.57	-125.74	-149.52	-1,308.04	1,139.41	1,092.23	47.18	24.153	
6,200.00	5,947.56	6,101.28	5,941.32	27.32	23.03	-125.76	-150.06	-1,331.80	1,158.23	1,110.11	48.12	24.070	
6,300.00	6,042.86	6,200.51	6,036.61	27.87	23.49	-125.78	-150.60	-1,355.55	1,177.06	1,127.99	49.07	23.987	
6,400.00	6,138.15	6,302.30	6,131.90	28.43	23.96	-125.80	-151.14	-1,379.30	1,195.89	1,145.86	50.04	23.900	

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)	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	-179.60	-80.15	-0.56	80.15				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-80.15	-0.56	80.15	72.62	7.53	10.648	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-80.15	-0.56	80.15	72.58	7.57	10.589	CC
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-80.15	-0.56	80.15	72.58	7.57	10.589	ES
300.00	300.00	300.34	300.33	3.35	3.34	-126.64	-80.04	-0.99	80.30	72.65	7.65	10.492	
400.00	399.93	400.99	400.92	3.41	3.41	-126.19	-79.17	-4.41	81.55	73.78	7.78	10.484	
500.00	499.68	501.60	501.28	3.50	3.50	-125.32	-77.44	-11.26	84.07	76.12	7.95	10.572	
600.00	599.13	602.14	601.25	3.61	3.61	-124.12	-74.84	-21.51	87.86	79.69	8.18	10.744	
700.00	698.15	702.57	700.69	3.76	3.75	-122.66	-71.39	-35.14	92.97	84.50	8.47	10.981	
800.00	796.63	802.87	799.45	3.93	3.94	-121.04	-67.10	-52.12	99.41	90.58	8.83	11.262	
900.00	894.44	903.01	897.37	4.16	4.17	-119.36	-61.97	-72.40	107.19	97.92	9.27	11.560	
1,000.00	991.46	1,002.82	994.25	4.43	4.44	-117.79	-56.08	-95.66	116.37	106.55	9.81	11.857	
1,100.00	1,087.58	1,102.24	1,090.58	4.76	4.76	-117.52	-50.06	-119.47	127.12	116.68	10.44	12.175	
1,200.00	1,182.93	1,201.49	1,186.76	5.14	5.10	-118.37	-44.04	-143.24	139.14	128.00	11.14	12.491	
1,300.00	1,278.22	1,300.73	1,282.92	5.56	5.46	-119.20	-38.03	-167.00	151.27	139.39	11.88	12.729	
1,400.00	1,373.52	1,400.03	1,379.09	6.00	5.85	-119.92	-32.02	-190.76	163.43	150.77	12.67	12.901	
1,500.00	1,468.81	1,500.80	1,475.25	6.47	6.25	-120.53	-26.00	-214.52	175.62	162.13	13.49	13.019	
1,600.00	1,564.10	1,601.56	1,571.42	6.95	6.67	-121.06	-19.99	-238.29	187.82	173.48	14.34	13.100	
1,700.00	1,659.39	1,702.32	1,667.58	7.44	7.09	-121.53	-13.98	-262.05	200.03	184.83	15.20	13.159	
1,800.00	1,754.69	1,803.08	1,763.75	7.72	7.32	-121.95	-7.96	-285.81	212.25	196.95	15.30	13.869	
1,900.00	1,849.98	1,903.84	1,859.91	7.81	7.40	-122.31	-1.95	-309.58	224.49	209.05	15.44	14.538	
2,000.00	1,945.27	2,004.60	1,956.07	7.95	7.50	-122.65	4.06	-333.34	236.73	221.09	15.65	15.129	
2,100.00	2,040.56	2,094.64	2,052.24	8.12	7.62	-122.94	10.07	-357.10	248.98	233.08	15.90	15.657	
2,200.00	2,135.86	2,206.12	2,148.40	8.33	7.80	-123.21	16.09	-380.87	261.24	244.99	16.25	16.076	
2,300.00	2,231.15	2,306.88	2,244.57	8.57	7.99	-123.46	22.10	-404.63	273.50	256.86	16.64	16.437	
2,400.00	2,326.44	2,407.65	2,340.73	8.84	8.21	-123.69	28.11	-428.39	285.77	268.68	17.08	16.729	
2,500.00	2,421.74	2,508.41	2,436.89	9.14	8.45	-123.89	34.13	-452.15	298.04	280.46	17.57	16.959	
2,600.00	2,517.03	2,609.17	2,533.06	9.47	8.71	-124.08	40.14	-475.92	310.31	292.20	18.11	17.135	
2,700.00	2,612.32	2,709.93	2,629.22	9.81	9.00	-124.26	46.15	-499.68	322.59	303.90	18.69	17.264	
2,800.00	2,707.61	2,789.31	2,725.39	10.18	9.23	-124.42	52.16	-523.44	334.87	315.63	19.23	17.410	
2,900.00	2,802.91	2,888.55	2,821.55	10.57	9.54	-124.57	58.18	-547.21	347.15	327.28	19.87	17.470	
3,000.00	2,898.20	2,987.79	2,917.71	10.97	9.86	-124.71	64.19	-570.97	359.43	338.89	20.54	17.500	
3,100.00	2,993.49	3,087.03	3,013.88	11.39	10.20	-124.85	70.20	-594.73	371.72	350.49	21.23	17.506	
3,200.00	3,088.78	3,186.27	3,110.04	11.82	10.55	-124.97	76.22	-618.49	384.01	362.06	21.95	17.493	
3,300.00	3,184.08	3,285.50	3,206.21	12.27	10.91	-125.09	82.23	-642.26	396.30	373.60	22.69	17.464	
3,400.00	3,279.37	3,384.74	3,302.37	12.72	11.28	-125.19	88.24	-666.02	408.59	385.14	23.45	17.423	
3,500.00	3,374.66	3,483.98	3,398.53	13.18	11.66	-125.30	94.26	-689.78	420.88	396.65	24.23	17.371	
3,600.00	3,469.95	3,583.22	3,494.70	13.65	12.04	-125.39	100.27	-713.55	433.17	408.15	25.02	17.311	
3,700.00	3,565.25	3,682.46	3,590.86	14.13	12.43	-125.48	106.28	-737.31	445.47	419.64	25.83	17.246	
3,800.00	3,660.54	3,781.70	3,687.03	14.62	12.83	-125.57	112.29	-761.07	457.77	431.11	26.65	17.176	
3,900.00	3,755.83	3,880.94	3,783.19	15.11	13.24	-125.65	118.31	-784.84	470.06	442.58	27.48	17.103	
4,000.00	3,851.13	3,980.18	3,879.35	15.61	13.65	-125.73	124.32	-808.60	482.36	454.03	28.33	17.028	
4,100.00	3,946.42	4,079.42	3,975.52	16.11	14.07	-125.80	130.33	-832.36	494.66	465.48	29.18	16.952	
4,200.00	4,041.71	4,178.65	4,071.68	16.62	14.49	-125.87	136.35	-856.12	506.96	476.92	30.04	16.875	
4,300.00	4,137.00	4,277.89	4,167.85	17.13	14.91	-125.94	142.36	-879.89	519.26	488.34	30.91	16.797	
4,400.00	4,232.30	4,377.13	4,264.01	17.64	15.34	-126.00	148.37	-903.65	531.56	499.77	31.79	16.720	
4,500.00	4,327.59	4,476.37	4,360.17	18.16	15.77	-126.07	154.39	-927.41	543.86	511.18	32.68	16.644	
4,600.00	4,422.88	4,575.61	4,456.34	18.68	16.21	-126.12	160.40	-951.18	556.16	522.60	33.57	16.569	
4,700.00	4,518.17	4,674.85	4,552.50	19.21	16.64	-126.18	166.41	-974.94	568.46	534.00	34.46	16.495	
4,800.00	4,613.47	4,774.09	4,648.67	19.74	17.09	-126.23	172.42	-998.70	580.77	545.40	35.37	16.422	
4,900.00	4,708.76	4,873.33	4,744.83	20.27	17.53	-126.28	178.44	-1,022.46	593.07	556.80	36.27	16.350	
5,000.00	4,804.05	4,972.57	4,840.99	20.80	17.98	-126.33	184.45	-1,046.23	605.38	568.19	37.18	16.280	
5,100.00	4,899.34	5,071.80	4,937.16	21.33	18.42	-126.38	190.46	-1,069.99	617.68	579.58	38.10	16.212	
5,200.00	4,994.64	5,171.04	5,033.32	21.87	18.87	-126.42	196.48	-1,093.75	629.98	590.96	39.02	16.145	
5,300.00	5,089.93	5,270.28	5,129.49	22.41	19.33	-126.47	202.49	-1,117.52	642.29	602.34	39.94	16.080	
5,400.00	5,185.22	5,369.52	5,225.65	22.95	19.78	-126.51	208.50	-1,141.28	654.59	613.72	40.87	16.016	
5,500.00	5,280.51	5,468.76	5,321.81	23.49	20.23	-126.55	214.51	-1,165.04	666.90	625.10	41.80	15.954	
5,600.00	5,375.81	5,568.00	5,417.98	24.04	20.69	-126.59	220.53	-1,188.81	679.21	636.47	42.73	15.893	
5,700.00	5,471.10	5,667.24	5,514.14	24.58	21.15	-126.63	226.54	-1,212.57	691.51	647.84	43.67	15.835	
5,800.00	5,566.39	5,766.48	5,610.31	25.13	21.61	-126.66	232.55	-1,236.33	703.82	659.21	44.61	15.777	
5,900.00	5,661.69	5,865.72	5,706.47	25.67	22.07	-126.70	238.57	-1,260.09	716.13	670.58	45.55	15.722	
6,000.00	5,756.98	5,964.95	5,802.63	26.22	22.53	-126.73	244.58	-1,283.86	728.43	681.94	46.49	15.667	
6,100.00	5,852.27	6,064.19	5,898.80	26.77	22.99	-126.76	250.59	-1,307.62	740.74	693.30	47.44	15.615	
6,200.00	5,947.56	6,163.43	5,994.96	27.32	23.46	-126.80	256.61	-1,331.38	753.05	704.66	48.39	15.563	
6,300.00	6,042.86	6,262.67	6,091.13	27.87	23.92	-126.83	262.62	-1,355.15	765.36	716.02	49.34	15.513	
6,400.00	6,138.15	6,361.91	6,187.29	28.43	24.39	-126.86	268.63	-1,378.91	777.67	727.38	50.29	15.465	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,233.56	6,460.20	6,282.62	28.95	24.82	-132.20	274.58	-1,402.11	790.00	738.82	51.17	15.438	
6,600.00	6,330.92	6,555.12	6,376.44	29.21	25.00	-166.14	280.11	-1,414.79	802.84	751.24	51.60	15.560	
6,700.00	6,429.01	6,650.10	6,471.18	29.36	25.11	148.87	285.25	-1,413.38	816.14	764.26	51.87	15.733	
6,800.00	6,525.41	6,745.29	6,564.89	29.46	25.18	123.52	289.88	-1,397.84	829.58	777.49	52.09	15.926	
6,900.00	6,617.77	6,840.87	6,655.62	29.54	25.25	111.53	293.91	-1,368.35	842.84	790.50	52.34	16.104	
7,000.00	6,703.79	6,936.99	6,741.41	29.64	25.37	104.94	297.24	-1,325.35	855.60	802.89	52.71	16.233	
7,100.00	6,781.37	7,033.80	6,820.32	29.81	25.60	100.83	299.78	-1,269.48	867.56	814.25	53.31	16.275	
7,200.00	6,848.60	7,131.42	6,890.43	30.10	25.99	98.10	301.47	-1,201.70	878.43	824.18	54.24	16.194	
7,300.00	6,903.80	7,229.97	6,949.88	30.55	26.59	96.24	302.23	-1,123.24	887.95	832.33	55.62	15.966	
7,400.00	6,945.64	7,329.48	6,996.95	31.20	27.45	95.02	302.03	-1,035.68	895.88	838.40	57.49	15.585	
7,500.00	6,973.08	7,429.99	7,030.10	32.08	28.59	94.32	300.83	-940.91	902.04	842.19	59.85	15.072	
7,600.00	6,985.44	7,531.47	7,048.05	33.17	29.96	94.06	298.65	-841.16	906.27	843.64	62.63	14.469	
7,700.00	6,987.78	7,632.51	7,052.08	34.47	31.52	94.09	295.67	-740.28	909.13	843.37	65.76	13.825	
7,800.00	6,989.91	7,732.47	7,054.18	35.99	33.24	94.08	292.62	-640.39	911.93	842.72	69.21	13.175	
7,900.00	6,992.03	7,832.43	7,056.29	37.71	35.13	94.06	289.57	-540.50	914.73	841.74	72.99	12.532	
8,000.00	6,994.16	7,932.39	7,058.39	39.59	37.16	94.05	286.51	-440.61	917.53	840.50	77.04	11.910	
8,100.00	6,996.29	8,032.35	7,060.49	41.62	39.31	94.04	283.46	-340.72	920.34	839.02	81.32	11.317	
8,200.00	6,998.42	8,132.31	7,062.59	43.77	41.56	94.02	280.41	-240.83	923.14	837.34	85.80	10.759	
8,300.00	7,000.55	8,232.27	7,064.69	46.02	43.90	94.01	277.36	-140.93	925.94	835.50	90.44	10.238	
8,400.00	7,002.68	8,332.23	7,066.79	48.36	46.31	94.00	274.30	-41.04	928.74	833.51	95.23	9.753	
8,500.00	7,004.81	8,432.19	7,068.90	50.77	48.79	93.98	271.25	58.85	931.55	831.41	100.14	9.302	
8,600.00	7,006.94	8,532.15	7,071.00	53.24	51.31	93.97	268.20	158.74	934.35	829.19	105.15	8.885	
8,700.00	7,009.07	8,632.11	7,073.10	55.77	53.88	93.95	265.14	258.63	937.15	826.89	110.26	8.500	
8,800.00	7,011.20	8,732.07	7,075.20	58.33	56.50	93.94	262.09	358.53	939.95	824.51	115.44	8.142	
8,900.00	7,013.33	8,832.03	7,077.30	60.94	59.14	93.93	259.04	458.42	942.76	822.06	120.69	7.811	
9,000.00	7,015.46	8,931.99	7,079.40	63.58	61.82	93.91	255.98	558.31	945.56	819.55	126.01	7.504	
9,100.00	7,017.59	9,031.95	7,081.51	66.25	64.52	93.90	252.93	658.20	948.36	816.99	131.37	7.219	
9,200.00	7,019.71	9,131.91	7,083.61	68.94	67.24	93.89	249.88	758.09	951.16	814.38	136.78	6.954	
9,300.00	7,021.84	9,231.87	7,085.71	71.66	69.98	93.88	246.82	857.98	953.97	811.73	142.23	6.707	
9,400.00	7,023.97	9,331.83	7,087.81	74.39	72.75	93.86	243.77	957.88	956.77	809.05	147.72	6.477	
9,500.00	7,026.10	9,431.79	7,089.91	77.15	75.52	93.85	240.72	1,057.77	959.57	806.33	153.24	6.262	
9,600.00	7,028.23	9,531.75	7,092.01	79.91	78.31	93.84	237.67	1,157.66	962.38	803.59	158.79	6.061	
9,700.00	7,030.36	9,631.72	7,094.12	82.70	81.12	93.82	234.61	1,257.55	965.18	800.81	164.37	5.872	
9,800.00	7,032.49	9,731.68	7,096.22	85.49	83.93	93.81	231.56	1,357.44	967.98	798.02	169.97	5.695	
9,900.00	7,034.62	9,831.64	7,098.32	88.30	86.76	93.80	228.51	1,457.33	970.78	795.20	175.59	5.529	
10,000.00	7,036.75	9,931.60	7,100.42	91.11	89.59	93.79	225.45	1,557.23	973.59	792.36	181.23	5.372	
10,100.00	7,038.88	10,031.56	7,102.52	93.94	92.44	93.77	222.40	1,657.12	976.39	789.51	186.88	5.225	
10,200.00	7,041.01	10,131.52	7,104.63	96.77	95.29	93.76	219.35	1,757.01	979.19	786.64	192.56	5.085	
10,300.00	7,043.14	10,231.48	7,106.73	99.61	98.15	93.75	216.29	1,856.90	982.00	783.75	198.25	4.953	
10,400.00	7,045.27	10,331.44	7,108.83	102.46	101.01	93.74	213.24	1,956.79	984.80	780.85	203.95	4.829	
10,500.00	7,047.39	10,431.40	7,110.93	105.32	103.88	93.73	210.19	2,056.68	987.60	777.94	209.66	4.710	
10,600.00	7,049.52	10,531.36	7,113.03	108.18	106.76	93.71	207.13	2,156.58	990.41	775.02	215.39	4.598	
10,700.00	7,051.65	10,631.32	7,115.13	111.04	109.64	93.70	204.08	2,256.47	993.21	772.09	221.13	4.492	
10,800.00	7,053.78	10,731.28	7,117.24	113.92	112.53	93.69	201.03	2,356.36	996.01	769.14	226.87	4.390	
10,900.00	7,055.91	10,831.24	7,119.34	116.79	115.42	93.68	197.98	2,456.25	998.82	766.19	232.63	4.294	
11,000.00	7,058.04	10,931.20	7,121.44	119.67	118.31	93.67	194.92	2,556.14	1,001.62	763.23	238.39	4.202	
11,100.00	7,060.17	11,031.16	7,123.54	122.56	121.21	93.65	191.87	2,656.04	1,004.43	760.26	244.16	4.114	
11,200.00	7,062.30	11,131.12	7,125.64	125.45	124.11	93.64	188.82	2,755.93	1,007.23	757.29	249.94	4.030	
11,300.00	7,064.43	11,231.08	7,127.74	128.34	127.01	93.63	185.76	2,855.82	1,010.03	754.31	255.73	3.950	
11,400.00	7,066.56	11,331.04	7,129.85	131.23	129.92	93.62	182.71	2,955.71	1,012.84	751.32	261.52	3.873	
11,500.00	7,068.69	11,431.00	7,131.95	134.13	132.83	93.61	179.66	3,055.60	1,015.64	748.32	267.32	3.799	
11,600.00	7,070.82	11,530.96	7,134.05	137.03	135.74	93.60	176.60	3,155.49	1,018.44	745.33	273.12	3.729	
11,700.00	7,072.94	11,630.93	7,136.15	139.93	138.66	93.58	173.55	3,255.39	1,021.25	742.32	278.93	3.661	
11,800.00	7,075.07	11,730.89	7,138.25	142.84	141.57	93.57	170.50	3,355.28	1,024.05	739.31	284.74	3.596	
11,900.00	7,077.20	11,830.85	7,140.35	145.75	144.49	93.56	167.44	3,455.17	1,026.86	736.30	290.56	3.534	
12,000.00	7,079.33	11,930.81	7,142.46	148.66	147.41	93.55	164.39	3,555.06	1,029.66	733.28	296.38	3.474	
12,100.00	7,081.46	12,030.77	7,144.56	151.57	150.34	93.54	161.34	3,654.95	1,032.46	730.26	302.21	3.416	
12,200.00	7,083.59	12,130.73	7,146.66	154.48	153.26	93.53	158.29	3,754.84	1,035.27	727.23	308.04	3.361	
12,300.00	7,085.72	12,230.69	7,148.76	157.40	156.19	93.52	155.23	3,854.74	1,038.07	724.20	313.87	3.307	
12,400.00	7,087.85	12,330.65	7,150.86	160.32	159.12	93.51	152.18	3,954.63	1,040.88	721.17	319.71	3.256	
12,500.00	7,089.98	12,430.61	7,152.97	163.24	162.05	93.50	149.13	4,054.52	1,043.68	718.13	325.55	3.206	
12,600.00	7,092.11	12,530.57	7,155.07	166.16	164.98	93.49	146.07	4,154.41	1,046.48	715.09	331.39	3.158	
12,700.00	7,094.24	12,630.53	7,157.17	169.08	167.91	93.47	143.02	4,254.30	1,049.29	712.05	337.24	3.111	
12,800.00	7,096.37	12,730.49	7,159.27	172.00	170.84	93.46	139.97	4,354.19	1,052.09	709.00	343.09	3.067	
12,900.00	7,098.50	12,830.45	7,161.37	174.93	173.78	93.45	136.91	4,454.09	1,054.90	705.96	348.94	3.023	
13,000.00	7,100.62	12,930.41	7,163.47	177.86	176.71	93.44	133.86	4,553.98	1,057.70	702.91	354.79	2.981	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,102.75	13,030.37	7,165.58	180.78	179.65	93.43	130.81	4,653.87	1,060.51	699.85	360.65	2.941	
13,200.00	7,104.88	13,130.33	7,167.68	183.71	182.59	93.42	127.75	4,753.76	1,063.31	696.80	366.51	2.901	
13,300.00	7,107.01	13,230.29	7,169.78	186.64	185.53	93.41	124.70	4,853.65	1,066.11	693.74	372.37	2.863	
13,400.00	7,109.14	13,330.25	7,171.88	189.57	188.47	93.40	121.65	4,953.55	1,068.92	690.68	378.24	2.826	
13,500.00	7,111.27	13,430.21	7,173.98	192.51	191.41	93.39	118.60	5,053.44	1,071.72	687.62	384.10	2.790	
13,600.00	7,113.40	13,530.17	7,176.08	195.44	194.35	93.38	115.54	5,153.33	1,074.53	684.56	389.97	2.755	
13,700.00	7,115.53	13,630.13	7,178.19	198.37	197.29	93.37	112.49	5,253.22	1,077.33	681.49	395.84	2.722	
13,800.00	7,117.66	13,738.35	7,180.46	201.31	200.48	93.36	109.27	5,361.36	1,080.08	678.10	401.99	2.687	
13,900.00	7,119.79	13,898.67	7,183.84	204.24	205.16	93.36	110.08	5,521.63	1,079.33	670.18	409.15	2.638	
14,000.00	7,121.92	14,013.62	7,186.27	207.18	208.50	93.38	115.21	5,636.43	1,074.57	659.46	415.11	2.589	
14,100.00	7,124.05	14,113.50	7,188.38	210.12	211.41	93.39	119.91	5,736.18	1,069.63	648.68	420.95	2.541	
14,200.00	7,126.17	14,213.37	7,190.50	213.05	214.33	93.41	124.61	5,835.92	1,064.69	637.90	426.79	2.495	
14,300.00	7,128.30	14,313.25	7,192.61	215.99	217.24	93.42	129.31	5,935.67	1,059.75	627.12	432.63	2.450	
14,400.00	7,130.43	14,413.13	7,194.72	218.93	220.15	93.44	134.00	6,035.41	1,054.81	616.33	438.48	2.406	
14,500.00	7,132.56	14,513.01	7,196.83	221.87	223.07	93.45	138.70	6,135.16	1,049.87	605.55	444.32	2.363	
14,600.00	7,134.69	14,612.89	7,198.94	224.81	225.98	93.47	143.40	6,234.90	1,044.93	594.77	450.17	2.321	
14,700.00	7,136.82	14,712.76	7,201.05	227.75	228.90	93.49	148.10	6,334.65	1,039.99	583.98	456.01	2.281	
14,800.00	7,138.95	14,812.64	7,203.16	230.70	231.81	93.50	152.80	6,434.39	1,035.06	573.20	461.86	2.241	
14,900.00	7,141.08	14,912.52	7,205.28	233.64	234.73	93.52	157.50	6,534.14	1,030.12	562.41	467.71	2.202	
15,000.00	7,143.21	15,012.40	7,207.39	236.58	237.65	93.53	162.19	6,633.88	1,025.18	551.62	473.56	2.165	
15,100.00	7,145.34	15,112.27	7,209.50	239.52	240.56	93.55	166.89	6,733.62	1,020.24	540.84	479.40	2.128	
15,200.00	7,147.47	15,212.15	7,211.61	242.47	243.48	93.57	171.59	6,833.37	1,015.30	530.05	485.25	2.092	
15,300.00	7,149.60	15,312.03	7,213.72	245.41	246.40	93.58	176.29	6,933.11	1,010.36	519.26	491.10	2.057	
15,400.00	7,151.73	15,411.91	7,215.83	248.36	249.32	93.60	180.99	7,032.86	1,005.42	508.47	496.96	2.023	
15,500.00	7,153.85	15,511.78	7,217.94	251.30	252.24	93.62	185.69	7,132.60	1,000.49	497.68	502.81	1.990	
15,600.00	7,155.98	15,611.66	7,220.06	254.25	255.16	93.63	190.38	7,232.35	995.55	486.89	508.66	1.957	
15,700.00	7,158.11	15,711.54	7,222.17	257.19	258.09	93.65	195.08	7,332.09	990.61	476.10	514.51	1.925	
15,800.00	7,160.24	15,811.42	7,224.28	260.14	261.01	93.67	199.78	7,431.84	985.67	465.31	520.36	1.894	
15,900.00	7,162.37	15,911.29	7,226.39	263.09	263.93	93.69	204.48	7,531.58	980.73	454.52	526.22	1.864	
16,000.00	7,164.50	16,011.17	7,228.50	266.03	266.85	93.71	209.18	7,631.33	975.80	443.73	532.07	1.834	
16,100.00	7,166.63	16,111.05	7,230.61	268.98	269.78	93.72	213.87	7,731.07	970.86	432.94	537.92	1.805	
16,200.00	7,168.76	16,210.93	7,232.72	271.93	272.70	93.74	218.57	7,830.82	965.92	422.14	543.78	1.776	
16,300.00	7,170.89	16,310.80	7,234.84	274.88	275.62	93.76	223.27	7,930.56	960.98	411.35	549.63	1.748	
16,400.00	7,173.02	16,410.68	7,236.95	277.82	278.55	93.78	227.97	8,030.31	956.05	400.56	555.49	1.721	
16,500.00	7,175.15	16,510.56	7,239.06	280.77	281.47	93.80	232.67	8,130.05	951.11	389.77	561.34	1.694	
16,600.00	7,177.28	16,610.44	7,241.17	283.72	284.40	93.82	237.37	8,229.79	946.17	378.98	567.20	1.668	
16,700.00	7,179.40	16,710.31	7,243.28	286.67	287.32	93.84	242.06	8,329.54	941.24	368.18	573.05	1.642	
16,800.00	7,181.53	16,810.19	7,245.39	289.62	290.25	93.86	246.76	8,429.28	936.30	357.39	578.91	1.617	
16,900.00	7,183.66	16,910.07	7,247.50	292.57	293.18	93.88	251.46	8,529.03	931.36	346.60	584.76	1.593	
17,000.00	7,185.79	17,009.95	7,249.62	295.52	296.10	93.90	256.16	8,628.77	926.43	335.81	590.62	1.569	
17,100.00	7,187.92	17,109.82	7,251.73	298.47	299.03	93.92	260.86	8,728.52	921.49	325.02	596.47	1.545	
17,200.00	7,190.05	17,209.70	7,253.84	301.42	301.96	93.94	265.56	8,828.26	916.55	314.22	602.33	1.522	
17,300.00	7,192.18	17,309.58	7,255.95	304.37	304.88	93.96	270.25	8,928.01	911.62	303.43	608.19	1.499 Level 3	
17,400.00	7,194.31	17,409.46	7,258.06	307.32	307.81	93.98	274.95	9,027.75	906.68	292.64	614.04	1.477 Level 3	
17,500.00	7,196.44	17,509.33	7,260.17	310.28	310.74	94.00	279.65	9,127.50	901.74	281.85	619.90	1.455 Level 3	
17,573.34	7,198.00	17,548.47	7,261.00	312.44	311.89	94.01	281.49	9,166.58	898.77	274.90	623.87	1.441 Level 3, SF	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							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	103.00	-41.53	179.87	184.60					
100.00	100.00	103.00	97.00	3.28	3.28	103.00	-41.53	179.87	184.60	177.07	7.53	24.524		
200.00	200.00	203.00	197.00	3.30	3.30	103.00	-41.53	179.87	184.60	177.03	7.57	24.387	CC	
300.00	300.00	299.61	299.61	3.35	3.35	155.88	-41.20	179.58	184.67	177.01	7.65	24.129	ES	
400.00	399.93	405.16	405.08	3.41	3.42	155.67	-38.39	177.08	184.94	177.16	7.78	23.775		
500.00	499.68	510.68	510.32	3.50	3.51	155.23	-32.68	171.99	185.40	177.45	7.94	23.338		
600.00	599.13	616.18	615.18	3.61	3.64	154.56	-24.08	164.32	186.06	177.91	8.15	22.826		
700.00	698.15	720.50	718.40	3.76	3.79	153.70	-12.80	154.27	187.01	178.60	8.41	22.246		
800.00	796.63	820.43	817.10	3.93	3.96	153.12	-1.13	143.87	190.19	181.47	8.72	21.811		
900.00	894.44	920.22	915.66	4.16	4.17	153.00	10.53	133.49	196.50	187.42	9.08	21.640		
1,000.00	991.46	1,019.77	1,013.98	4.43	4.39	153.30	22.16	123.13	205.90	196.42	9.48	21.711		
1,100.00	1,087.58	1,118.93	1,111.93	4.76	4.62	153.95	33.74	112.81	218.43	208.50	9.93	22.002		
1,200.00	1,182.93	1,217.73	1,209.51	5.14	4.88	154.87	45.28	102.53	233.41	223.00	10.41	22.429		
1,300.00	1,278.22	1,316.51	1,307.07	5.56	5.14	155.74	56.82	92.25	248.61	237.71	10.91	22.794		
1,400.00	1,373.52	1,415.28	1,404.62	6.00	5.41	156.50	68.35	81.97	263.86	252.44	11.43	23.087		
1,500.00	1,468.81	1,514.05	1,502.18	6.47	5.70	157.19	79.89	71.69	279.16	267.18	11.97	23.317		
1,600.00	1,564.10	1,612.82	1,599.74	6.95	5.99	157.80	91.43	61.41	294.48	281.95	12.53	23.500		
1,700.00	1,659.39	1,711.60	1,697.29	7.44	6.27	158.35	102.96	51.13	309.84	296.75	13.09	23.670		
1,800.00	1,754.69	1,810.37	1,794.85	7.72	6.42	158.85	114.50	40.86	325.22	312.21	13.01	24.995		
1,900.00	1,849.98	1,909.14	1,892.40	7.81	6.46	159.30	126.04	30.58	340.63	327.57	13.06	26.084		
2,000.00	1,945.27	2,007.91	1,989.96	7.95	6.52	159.71	137.57	20.30	356.05	342.90	13.15	27.084		
2,100.00	2,040.56	2,106.68	2,087.52	8.12	6.60	160.09	149.11	10.02	371.49	358.21	13.27	27.988		
2,200.00	2,135.86	2,205.46	2,185.07	8.33	6.70	160.44	160.64	-0.26	386.94	373.50	13.44	28.795		
2,300.00	2,231.15	2,304.23	2,282.63	8.57	6.81	160.77	172.18	-10.54	402.41	388.77	13.64	29.504		
2,400.00	2,326.44	2,403.00	2,380.19	8.84	6.94	161.06	183.72	-20.82	417.89	404.01	13.87	30.121		
2,500.00	2,421.74	2,501.77	2,477.74	9.14	7.09	161.34	195.25	-31.10	433.38	419.23	14.14	30.646		
2,600.00	2,517.03	2,600.55	2,575.30	9.47	7.25	161.60	206.79	-41.37	448.87	434.43	14.44	31.087		
2,700.00	2,612.32	2,700.68	2,672.85	9.81	7.43	161.84	218.33	-51.65	464.38	449.61	14.77	31.447		
2,800.00	2,707.61	2,801.91	2,770.41	10.18	7.62	162.07	229.86	-61.93	479.89	464.77	15.12	31.732		
2,900.00	2,802.91	2,903.14	2,867.97	10.57	7.82	162.28	241.40	-72.21	495.41	479.91	15.50	31.953		
3,000.00	2,898.20	3,004.37	2,965.52	10.97	8.04	162.48	252.94	-82.49	510.94	495.03	15.91	32.118		
3,100.00	2,993.49	3,105.59	3,063.08	11.39	8.27	162.66	264.47	-92.77	526.47	510.14	16.33	32.234		
3,200.00	3,088.78	3,206.82	3,160.63	11.82	8.50	162.84	276.01	-103.05	542.01	525.23	16.78	32.307		
3,300.00	3,184.08	3,291.95	3,258.19	12.27	8.71	163.01	287.55	-113.33	557.55	540.35	17.21	32.404		
3,400.00	3,279.37	3,409.28	3,355.75	12.72	9.00	163.16	299.08	-123.61	573.10	555.38	17.72	32.347		
3,500.00	3,374.66	3,489.50	3,453.30	13.18	9.21	163.31	310.62	-133.88	588.65	570.49	18.16	32.406		
3,600.00	3,469.95	3,588.27	3,550.86	13.65	9.47	163.45	322.16	-144.16	604.20	585.54	18.66	32.371		
3,700.00	3,565.25	3,687.04	3,648.42	14.13	9.73	163.59	333.69	-154.44	619.76	600.59	19.18	32.318		
3,800.00	3,660.54	3,785.81	3,745.97	14.62	10.00	163.71	345.23	-164.72	635.32	615.62	19.70	32.248		
3,900.00	3,755.83	3,884.58	3,843.53	15.11	10.28	163.84	356.77	-175.00	650.89	630.65	20.24	32.166		
4,000.00	3,851.13	3,983.36	3,941.08	15.61	10.56	163.95	368.30	-185.28	666.45	645.67	20.78	32.073		
4,100.00	3,946.42	4,082.13	4,038.64	16.11	10.85	164.06	379.84	-195.56	682.02	660.69	21.33	31.972		
4,200.00	4,041.71	4,180.90	4,136.20	16.62	11.14	164.17	391.38	-205.84	697.59	675.70	21.89	31.864		
4,300.00	4,137.00	4,279.67	4,233.75	17.13	11.43	164.27	402.91	-216.11	713.17	690.71	22.46	31.751		
4,400.00	4,232.30	4,378.45	4,331.31	17.64	11.73	164.37	414.45	-226.39	728.74	705.71	23.04	31.634		
4,500.00	4,327.59	4,477.22	4,428.87	18.16	12.03	164.46	425.98	-236.67	744.32	720.70	23.62	31.515		
4,600.00	4,422.88	4,575.99	4,526.42	18.68	12.33	164.55	437.52	-246.95	759.90	735.69	24.21	31.393		
4,700.00	4,518.17	4,674.76	4,623.98	19.21	12.64	164.63	449.06	-257.23	775.48	750.68	24.80	31.270		
4,800.00	4,613.47	4,773.53	4,721.53	19.74	12.95	164.71	460.59	-267.51	791.06	765.67	25.40	31.147		
4,900.00	4,708.76	4,872.31	4,819.09	20.27	13.26	164.79	472.13	-277.79	806.65	780.65	26.00	31.024		
5,000.00	4,804.05	4,971.08	4,916.65	20.80	13.57	164.87	483.67	-288.07	822.23	795.63	26.61	30.901		
5,100.00	4,899.34	5,069.85	5,014.20	21.33	13.89	164.94	495.20	-298.34	837.82	810.60	27.22	30.779		
5,200.00	4,994.64	5,168.62	5,111.76	21.87	14.21	165.01	506.74	-308.62	853.41	825.57	27.84	30.659		
5,300.00	5,089.93	5,267.40	5,209.31	22.41	14.52	165.08	518.28	-318.90	869.00	840.54	28.46	30.539		
5,400.00	5,185.22	5,366.17	5,306.87	22.95	14.85	165.15	529.81	-329.18	884.59	855.51	29.08	30.422		
5,500.00	5,280.51	5,464.94	5,404.43	23.49	15.17	165.21	541.35	-339.46	900.18	870.48	29.70	30.306		
5,600.00	5,375.81	5,563.71	5,501.98	24.04	15.49	165.27	552.89	-349.74	915.78	885.44	30.33	30.192		
5,700.00	5,471.10	5,662.48	5,599.54	24.58	15.82	165.33	564.42	-360.02	931.37	900.41	30.96	30.079		
5,800.00	5,566.39	5,761.26	5,697.10	25.13	16.14	165.39	575.96	-370.30	946.96	915.37	31.60	29.969		
5,900.00	5,661.69	5,860.03	5,794.65	25.67	16.47	165.44	587.50	-380.58	962.56	930.33	32.23	29.861		
6,000.00	5,756.98	5,958.80	5,892.21	26.22	16.80	165.49	599.03	-390.85	978.16	945.28	32.87	29.755		
6,100.00	5,852.27	6,057.57	5,989.76	26.77	17.13	165.55	610.57	-401.13	993.75	960.24	33.51	29.652		
6,200.00	5,947.56	6,156.35	6,087.32	27.32	17.46	165.60	622.11	-411.41	1,009.35	975.19	34.16	29.550		
6,300.00	6,042.86	6,255.12	6,184.88	27.87	17.80	165.64	633.64	-421.69	1,024.95	990.15	34.80	29.451		
6,400.00	6,138.15	6,353.89	6,282.43	28.43	18.13	165.69	645.18	-431.97	1,040.55	1,005.10	35.45	29.353		
6,500.00	6,233.56	7,885.55	7,151.90	28.95	35.56	-153.51	726.88	-1,391.23	980.85	944.29	36.57	26.824		

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										
6,600.00	6,330.92	7,901.80	7,151.98	29.21	35.94	-171.76	726.58	-1,403.87	897.41	858.72	38.70	23.191											
6,700.00	6,429.01	7,904.81	7,151.96	29.36	36.02	156.34	726.65	-1,400.86	816.58	775.47	41.11	19.863											
6,800.00	6,525.41	7,876.60	7,151.84	29.46	35.36	140.19	727.09	-1,382.28	741.33	697.79	43.54	17.025											
6,900.00	6,617.77	7,842.90	7,151.63	29.54	34.57	133.70	727.88	-1,348.59	674.42	628.25	46.18	14.605											
7,000.00	6,703.79	7,805.09	7,151.32	29.64	33.70	129.59	729.01	-1,300.61	618.06	569.21	48.85	12.652											
7,100.00	6,781.37	7,733.81	7,150.93	29.81	32.11	125.67	730.45	-1,239.53	573.51	522.67	50.84	11.281											
7,200.00	6,848.60	7,661.11	7,150.46	30.10	30.56	121.49	732.17	-1,166.85	540.75	488.34	52.41	10.318											
7,300.00	6,903.80	7,574.31	7,149.75	30.55	28.79	117.02	734.19	-1,080.08	518.38	465.21	53.17	9.749											
7,400.00	6,945.64	7,459.21	7,136.19	31.20	26.63	111.03	735.33	-965.95	501.26	448.40	52.86	9.483											
7,500.00	6,973.08	7,356.81	7,107.15	32.08	24.91	105.41	734.21	-867.87	487.92	434.68	53.24	9.164											
7,600.00	6,985.44	7,263.79	7,067.57	33.17	23.59	100.09	731.47	-783.83	479.21	425.06	54.15	8.850											
7,696.87	6,988.78	7,183.86	7,024.16	34.43	22.62	94.63	727.86	-716.88	475.97	420.54	55.43	8.587											
7,700.00	6,987.78	7,180.83	7,022.35	34.47	22.58	94.53	727.70	-714.45	475.86	420.40	55.46	8.581											
7,800.00	6,989.91	7,111.81	6,978.17	35.99	21.87	89.08	723.65	-661.61	480.89	423.86	57.04	8.431	SF										
7,900.00	6,992.03	7,054.81	6,937.59	37.71	21.36	84.18	719.71	-621.81	497.04	438.59	58.45	8.503											
8,000.00	6,994.16	7,007.65	6,901.46	39.59	20.98	79.97	716.08	-591.73	525.42	466.01	59.42	8.843											
8,100.00	6,996.29	6,968.39	6,869.77	41.62	20.70	76.43	712.81	-568.80	565.66	505.81	59.84	9.452											
8,200.00	6,998.42	6,935.43	6,842.13	43.77	20.48	73.46	709.90	-551.10	616.41	556.59	59.81	10.306											
8,300.00	7,000.55	6,900.00	6,811.45	46.02	20.26	70.31	706.62	-533.70	676.03	616.65	59.38	11.385											
8,400.00	7,002.68	6,883.64	6,796.96	48.36	20.16	68.89	705.05	-526.25	742.63	683.69	58.94	12.599											
8,500.00	7,004.81	6,863.06	6,778.48	50.77	20.05	67.12	703.03	-517.41	814.98	756.65	58.34	13.970											
8,600.00	7,006.94	6,850.00	6,766.62	53.24	19.97	66.02	701.73	-512.12	891.87	834.14	57.73	15.449											
8,700.00	7,009.07	6,829.47	6,747.76	55.77	19.87	64.31	699.64	-504.30	972.27	915.17	57.10	17.028											
8,800.00	7,011.20	6,815.63	6,734.91	58.33	19.80	63.19	698.21	-499.37	1,055.56	999.04	56.52	18.676											
8,900.00	7,013.33	6,800.00	6,720.27	60.94	19.72	61.95	696.56	-494.14	1,141.18	1,085.21	55.97	20.387											

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	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)			
0.00	0.00	3.00	-3.00	3.28	3.28	114.43	-81.60	179.59	197.26					
100.00	100.00	103.00	97.00	3.28	3.28	114.43	-81.60	179.59	197.26	189.73	7.53	26.205		
200.00	200.00	203.00	197.00	3.30	3.30	114.43	-81.60	179.59	197.26	189.69	7.57	26.060		
300.00	300.00	300.46	300.46	3.35	3.35	167.35	-81.38	179.20	197.27	189.62	7.65	25.776		
400.00	399.93	407.83	407.75	3.41	3.42	167.50	-79.49	175.79	197.06	189.28	7.78	25.339		
500.00	499.68	515.18	514.80	3.50	3.51	167.80	-75.65	168.87	196.51	188.58	7.94	24.757		
596.60	595.76	616.88	615.90	3.61	3.63	168.22	-70.29	159.18	195.82	187.69	8.13	24.081	CC	
600.00	599.13	620.28	619.27	3.61	3.64	168.24	-70.09	158.83	195.82	187.68	8.14	24.058	ES	
700.00	698.15	720.23	718.52	3.76	3.78	168.84	-64.35	148.48	197.66	189.26	8.40	23.536		
800.00	796.63	820.05	817.64	3.93	3.94	169.59	-58.62	138.14	202.95	194.25	8.70	23.334		
900.00	894.44	919.61	916.50	4.16	4.13	170.46	-52.91	127.83	211.70	202.67	9.04	23.425		
1,000.00	991.46	1,018.79	1,014.98	4.43	4.33	171.37	-47.21	117.56	223.94	214.52	9.42	23.784		
1,100.00	1,087.58	1,117.47	1,112.96	4.76	4.54	172.30	-41.55	107.34	239.65	229.82	9.83	24.380		
1,200.00	1,182.93	1,215.68	1,210.48	5.14	4.77	173.21	-35.91	97.17	258.06	247.79	10.27	25.116		
1,300.00	1,278.22	1,313.85	1,307.96	5.56	5.00	174.02	-30.28	87.01	276.71	265.97	10.74	25.770		
1,400.00	1,373.52	1,412.03	1,405.45	6.00	5.25	174.72	-24.64	76.84	295.40	284.18	11.22	26.323		
1,500.00	1,468.81	1,510.21	1,502.94	6.47	5.50	175.34	-19.01	66.67	314.13	302.41	11.73	26.786		
1,600.00	1,564.10	1,608.38	1,600.42	6.95	5.76	175.89	-13.37	56.50	332.90	320.65	12.25	27.177		
1,700.00	1,659.39	1,706.56	1,697.91	7.44	6.02	176.38	-7.73	46.34	351.68	338.91	12.78	27.523		
1,800.00	1,754.69	1,804.74	1,795.39	7.72	6.15	176.83	-2.10	36.17	370.50	357.80	12.69	29.189		
1,900.00	1,849.98	1,902.91	1,892.88	7.81	6.18	177.23	3.54	26.00	389.33	376.59	12.73	30.574		
2,000.00	1,945.27	2,001.09	1,990.36	7.95	6.23	177.59	9.17	15.84	408.18	395.36	12.81	31.861		
2,100.00	2,040.56	2,100.73	2,087.85	8.12	6.29	177.92	14.81	5.67	427.04	414.11	12.93	33.039		
2,200.00	2,135.86	2,202.56	2,185.34	8.33	6.37	178.22	20.44	-4.50	445.91	432.84	13.08	34.102		
2,300.00	2,231.15	2,304.38	2,282.82	8.57	6.47	178.50	26.08	-14.67	464.80	451.54	13.26	35.050		
2,400.00	2,326.44	2,406.21	2,380.31	8.84	6.58	178.76	31.71	-24.83	483.69	470.21	13.48	35.884		
2,500.00	2,421.74	2,508.03	2,477.79	9.14	6.71	178.99	37.35	-35.00	502.60	488.87	13.73	36.609		
2,600.00	2,517.03	2,609.85	2,575.28	9.47	6.85	179.21	42.99	-45.17	521.51	507.50	14.01	37.230		
2,700.00	2,612.32	2,688.32	2,672.77	9.81	6.97	179.42	48.62	-55.33	540.43	526.14	14.28	37.832		
2,800.00	2,707.61	2,786.50	2,770.25	10.18	7.13	179.61	54.26	-65.50	559.35	544.74	14.61	38.284		
2,900.00	2,802.91	2,884.68	2,867.74	10.57	7.30	179.79	59.89	-75.67	578.28	563.32	14.96	38.656		
3,000.00	2,898.20	2,982.85	2,965.22	10.97	7.47	179.95	65.53	-85.83	597.22	581.89	15.33	38.955		
3,100.00	2,993.49	3,081.03	3,062.71	11.39	7.66	-179.89	71.16	-96.00	616.16	600.43	15.72	39.190		
3,200.00	3,088.78	3,179.21	3,160.20	11.82	7.86	-179.74	76.80	-106.17	635.10	618.97	16.13	39.367		
3,300.00	3,184.08	3,277.38	3,257.68	12.27	8.06	-179.61	82.43	-116.34	654.05	637.49	16.56	39.494		
3,400.00	3,279.37	3,375.56	3,355.17	12.72	8.28	-179.47	88.07	-126.50	673.00	656.00	17.00	39.577		
3,500.00	3,374.66	3,473.74	3,452.65	13.18	8.49	-179.35	93.71	-136.67	691.96	674.49	17.46	39.622		
3,600.00	3,469.95	3,571.91	3,550.14	13.65	8.72	-179.23	99.34	-146.84	710.91	692.98	17.94	39.635		
3,700.00	3,565.25	3,670.09	3,647.63	14.13	8.95	-179.12	104.98	-157.00	729.87	711.45	18.42	39.621		
3,800.00	3,660.54	3,768.27	3,745.11	14.62	9.19	-179.02	110.61	-167.17	748.84	729.92	18.92	39.583		
3,900.00	3,755.83	3,866.44	3,842.60	15.11	9.43	-178.92	116.25	-177.34	767.80	748.38	19.43	39.525		
4,000.00	3,851.13	3,964.62	3,940.08	15.61	9.68	-178.82	121.88	-187.51	786.77	766.83	19.94	39.451		
4,100.00	3,946.42	4,062.80	4,037.57	16.11	9.93	-178.73	127.52	-197.67	805.74	785.27	20.47	39.363		
4,200.00	4,041.71	4,160.97	4,135.05	16.62	10.18	-178.64	133.16	-207.84	824.71	803.70	21.00	39.264		
4,300.00	4,137.00	4,259.15	4,232.54	17.13	10.44	-178.56	138.79	-218.01	843.68	822.13	21.55	39.155		
4,400.00	4,232.30	4,357.33	4,330.03	17.64	10.70	-178.48	144.43	-228.17	862.66	840.56	22.10	39.040		
4,500.00	4,327.59	4,455.50	4,427.51	18.16	10.97	-178.41	150.06	-238.34	881.63	858.98	22.65	38.918		
4,600.00	4,422.88	4,553.68	4,525.00	18.68	11.23	-178.33	155.70	-248.51	900.61	877.39	23.22	38.792		
4,700.00	4,518.17	4,651.85	4,622.48	19.21	11.50	-178.26	161.33	-258.67	919.59	895.80	23.78	38.663		
4,800.00	4,613.47	4,750.03	4,719.97	19.74	11.78	-178.20	166.97	-268.84	938.57	914.21	24.36	38.531		
4,900.00	4,708.76	4,848.21	4,817.46	20.27	12.05	-178.13	172.60	-279.01	957.55	932.61	24.94	38.397		
5,000.00	4,804.05	4,946.38	4,914.94	20.80	12.33	-178.07	178.24	-289.18	976.53	951.01	25.52	38.263		
5,100.00	4,899.34	5,044.56	5,012.43	21.33	12.61	-178.01	183.88	-299.34	995.51	969.41	26.11	38.129		
5,200.00	4,994.64	5,142.74	5,109.91	21.87	12.89	-177.95	189.51	-309.51	1,014.50	987.80	26.70	37.994		
5,300.00	5,089.93	5,240.91	5,207.40	22.41	13.18	-177.90	195.15	-319.68	1,033.48	1,006.19	27.30	37.860		
5,400.00	5,185.22	5,339.09	5,304.89	22.95	13.46	-177.85	200.78	-329.84	1,052.47	1,024.57	27.90	37.728		
5,500.00	5,280.51	5,437.27	5,402.37	23.49	13.75	-177.80	206.42	-340.01	1,071.46	1,042.96	28.50	37.596		
5,600.00	5,375.81	5,535.44	5,499.86	24.04	14.04	-177.75	212.05	-350.18	1,090.45	1,061.34	29.11	37.466		
5,700.00	5,471.10	5,633.62	5,597.34	24.58	14.33	-177.70	217.69	-360.35	1,109.43	1,079.72	29.71	37.337		
5,800.00	5,566.39	5,731.80	5,694.83	25.13	14.62	-177.65	223.32	-370.51	1,128.42	1,098.10	30.33	37.211		
5,900.00	5,661.69	5,829.97	5,792.31	25.67	14.91	-177.61	228.96	-380.68	1,147.41	1,116.47	30.			

Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1											Offset Site Error:		0.00 usft	
Survey Program:											0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance								Warning										
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor													
6,800.00	6,525.41	7,851.76	7,152.87	29.46	34.65	132.75	302.20	-1,388.72	1,031.46	978.04	53.42	19.309													
6,900.00	6,617.77	7,818.03	7,152.77	29.54	33.83	123.64	302.40	-1,354.99	992.05	937.13	54.92	18.065													
7,000.00	6,703.79	7,770.01	7,152.63	29.64	32.69	118.18	302.70	-1,306.97	961.98	906.12	55.85	17.223													
7,100.00	6,781.37	7,708.88	7,152.45	29.81	31.26	113.85	303.07	-1,245.84	940.82	884.61	56.21	16.738													
7,200.00	6,848.60	7,636.14	7,152.24	30.10	29.63	109.93	303.51	-1,173.11	927.29	871.19	56.11	16.527													
7,300.00	6,903.80	7,551.76	7,151.96	30.55	27.80	106.35	304.02	-1,088.73	919.56	863.92	55.64	16.528													
7,400.00	6,945.64	7,434.03	7,139.70	31.20	25.44	102.19	304.04	-971.80	914.08	859.69	54.39	16.805													
7,500.00	6,973.08	7,329.42	7,110.95	32.08	23.54	98.61	302.98	-871.35	909.40	855.48	53.92	16.867													
7,600.00	6,985.44	7,234.64	7,071.04	33.17	22.05	95.54	301.19	-785.49	905.79	851.72	54.07	16.753													
7,698.71	6,988.82	7,151.96	7,026.17	34.46	20.95	92.56	299.00	-716.16	904.18	849.42	54.75	16.514													
7,700.00	6,987.78	7,150.32	7,025.19	34.47	20.93	92.56	298.95	-714.84	904.02	849.27	54.75	16.511													
7,800.00	6,989.91	7,080.32	6,980.32	35.99	20.15	89.65	296.66	-661.21	906.56	850.62	55.94	16.206													
7,900.00	6,992.03	7,022.66	6,939.13	37.71	19.59	87.00	294.50	-620.96	915.04	857.67	57.37	15.950													
8,000.00	6,994.16	6,975.08	6,902.50	39.59	19.18	84.67	292.55	-590.66	930.54	871.69	58.85	15.811 SF													
8,100.00	6,996.29	6,935.55	6,870.43	41.62	18.88	82.65	290.82	-567.62	953.61	893.37	60.24	15.830													
8,200.00	6,998.42	6,900.00	6,840.42	43.77	18.62	80.80	289.18	-548.65	984.34	922.93	61.41	16.030													
8,300.00	7,000.55	6,874.42	6,818.20	46.02	18.46	79.44	287.96	-536.05	1,022.46	960.06	62.40	16.385													
8,400.00	7,002.68	6,850.00	6,796.52	48.36	18.31	78.13	286.77	-524.86	1,067.51	1,004.40	63.11	16.914													
8,500.00	7,004.81	6,829.92	6,778.39	50.77	18.20	77.05	285.76	-516.29	1,118.86	1,055.24	63.61	17.588													
8,600.00	7,006.94	6,812.03	6,762.02	53.24	18.10	76.09	284.85	-509.14	1,175.84	1,111.92	63.91	18.398													

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	108.92	-61.57	179.59	189.85					
100.00	100.00	103.00	97.00	3.28	3.28	108.92	-61.57	179.59	189.85	182.32	7.53	25.221		
200.00	200.00	203.00	197.00	3.30	3.30	108.92	-61.57	179.59	189.85	182.28	7.57	25.081		
300.00	300.00	300.19	300.19	3.35	3.35	161.83	-61.31	179.23	189.87	182.22	7.65	24.809		
400.00	399.93	406.98	406.90	3.41	3.42	161.85	-59.08	176.09	189.72	181.94	7.78	24.395		
500.00	499.68	513.75	513.38	3.50	3.51	161.88	-54.54	169.70	189.31	181.37	7.94	23.848		
600.00	599.13	620.50	619.47	3.61	3.64	161.93	-47.71	160.09	188.65	180.51	8.14	23.182		
625.93	624.85	646.56	645.31	3.65	3.68	161.95	-45.75	157.34	188.54	180.34	8.20	22.993 CC, ES		
700.00	698.15	720.62	718.74	3.76	3.78	162.12	-40.19	149.51	189.45	181.05	8.40	22.564		
800.00	796.63	820.51	817.79	3.93	3.95	162.61	-32.68	138.95	193.58	184.88	8.70	22.259		
900.00	894.44	920.19	916.63	4.16	4.14	163.35	-25.20	128.42	201.06	192.02	9.04	22.244		
1,000.00	991.46	1,019.53	1,015.13	4.43	4.35	164.27	-17.74	117.92	211.92	202.50	9.42	22.497		
1,100.00	1,087.58	1,118.42	1,113.18	4.76	4.57	165.31	-10.31	107.47	226.18	216.34	9.84	22.991		
1,200.00	1,182.93	1,216.87	1,210.80	5.14	4.80	166.42	-2.91	97.06	243.11	232.82	10.29	23.633		
1,300.00	1,278.22	1,315.28	1,308.39	5.56	5.05	167.42	4.48	86.66	260.29	249.54	10.75	24.204		
1,400.00	1,373.52	1,413.70	1,405.97	6.00	5.30	168.29	11.87	76.26	277.54	266.30	11.24	24.687		
1,500.00	1,468.81	1,512.12	1,503.56	6.47	5.56	169.06	19.26	65.85	294.85	283.10	11.75	25.091		
1,600.00	1,564.10	1,610.54	1,601.15	6.95	5.83	169.75	26.65	55.45	312.20	299.93	12.28	25.431		
1,700.00	1,659.39	1,708.95	1,698.73	7.44	6.09	170.36	34.05	45.05	329.60	316.79	12.80	25.740		
1,800.00	1,754.69	1,807.37	1,796.32	7.72	6.23	170.92	41.44	34.65	347.02	334.31	12.72	27.292		
1,900.00	1,849.98	1,905.79	1,893.91	7.81	6.26	171.41	48.83	24.25	364.47	351.72	12.75	28.576		
2,000.00	1,945.27	2,004.21	1,991.50	7.95	6.31	171.87	56.22	13.85	381.95	369.12	12.83	29.768		
2,100.00	2,040.56	2,102.63	2,089.08	8.12	6.38	172.28	63.61	3.44	399.45	386.51	12.94	30.862		
2,200.00	2,135.86	2,201.04	2,186.67	8.33	6.46	172.66	71.01	-6.96	416.97	403.88	13.09	31.852		
2,300.00	2,231.15	2,300.54	2,284.26	8.57	6.56	173.01	78.40	-17.36	434.50	421.23	13.27	32.736		
2,400.00	2,326.44	2,402.12	2,381.84	8.84	6.68	173.33	85.79	-27.76	452.05	438.56	13.49	33.511		
2,500.00	2,421.74	2,503.70	2,479.43	9.14	6.81	173.63	93.18	-38.16	469.61	455.87	13.74	34.183		
2,600.00	2,517.03	2,605.28	2,577.02	9.47	6.96	173.91	100.57	-48.57	487.18	473.17	14.02	34.759		
2,700.00	2,612.32	2,706.87	2,674.60	9.81	7.12	174.16	107.97	-58.97	504.76	490.44	14.32	35.245		
2,800.00	2,707.61	2,808.45	2,772.19	10.18	7.30	174.40	115.36	-69.37	522.36	507.70	14.65	35.647		
2,900.00	2,802.91	2,889.97	2,869.78	10.57	7.44	174.63	122.75	-79.77	539.96	524.98	14.98	36.046		
3,000.00	2,898.20	2,988.39	2,967.37	10.97	7.63	174.84	130.14	-90.17	557.56	542.21	15.35	36.321		
3,100.00	2,993.49	3,086.80	3,064.95	11.39	7.83	175.03	137.54	-100.57	575.18	559.43	15.74	36.536		
3,200.00	3,088.78	3,185.22	3,162.54	11.82	8.03	175.22	144.93	-110.98	592.80	576.64	16.15	36.698		
3,300.00	3,184.08	3,283.64	3,260.13	12.27	8.25	175.39	152.32	-121.38	610.42	593.84	16.58	36.813		
3,400.00	3,279.37	3,382.06	3,357.71	12.72	8.47	175.56	159.71	-131.78	628.05	611.03	17.03	36.889		
3,500.00	3,374.66	3,480.48	3,455.30	13.18	8.70	175.71	167.10	-142.18	645.69	628.21	17.48	36.929		
3,600.00	3,469.95	3,578.89	3,552.89	13.65	8.93	175.86	174.50	-152.58	663.33	645.37	17.96	36.940		
3,700.00	3,565.25	3,677.31	3,650.47	14.13	9.17	176.00	181.89	-162.99	680.97	662.53	18.44	36.926		
3,800.00	3,660.54	3,775.73	3,748.06	14.62	9.42	176.13	189.28	-173.39	698.62	679.68	18.94	36.889		
3,900.00	3,755.83	3,874.15	3,845.65	15.11	9.67	176.26	196.67	-183.79	716.27	696.83	19.45	36.835		
4,000.00	3,851.13	3,972.56	3,943.24	15.61	9.93	176.38	204.06	-194.19	733.93	713.97	19.96	36.765		
4,100.00	3,946.42	4,070.98	4,040.82	16.11	10.19	176.49	211.46	-204.59	751.59	731.10	20.49	36.683		
4,200.00	4,041.71	4,169.40	4,138.41	16.62	10.45	176.60	218.85	-215.00	769.25	748.22	21.02	36.591		
4,300.00	4,137.00	4,267.82	4,236.00	17.13	10.72	176.71	226.24	-225.40	786.91	765.35	21.57	36.490		
4,400.00	4,232.30	4,366.24	4,333.58	17.64	10.99	176.81	233.63	-235.80	804.58	782.46	22.11	36.382		
4,500.00	4,327.59	4,464.65	4,431.17	18.16	11.27	176.90	241.02	-246.20	822.24	799.57	22.67	36.269		
4,600.00	4,422.88	4,563.07	4,528.76	18.68	11.55	176.99	248.42	-256.60	839.91	816.68	23.23	36.152		
4,700.00	4,518.17	4,661.49	4,626.35	19.21	11.83	177.08	255.81	-267.00	857.59	833.78	23.80	36.032		
4,800.00	4,613.47	4,759.91	4,723.93	19.74	12.11	177.17	263.20	-277.41	875.26	850.89	24.37	35.909		
4,900.00	4,708.76	4,858.33	4,821.52	20.27	12.40	177.25	270.59	-287.81	892.93	867.98	24.95	35.786		
5,000.00	4,804.05	4,956.74	4,919.11	20.80	12.68	177.32	277.99	-298.21	910.61	885.08	25.54	35.661		
5,100.00	4,899.34	5,055.16	5,016.69	21.33	12.97	177.40	285.38	-308.61	928.29	902.17	26.12	35.536		
5,200.00	4,994.64	5,153.58	5,114.28	21.87	13.27	177.47	292.77	-319.01	945.97	919.26	26.71	35.412		
5,300.00	5,089.93	5,252.00	5,211.87	22.41	13.56	177.54	300.16	-329.42	963.65	936.34	27.31	35.288		
5,400.00	5,185.22	5,350.41	5,309.45	22.95	13.86	177.61	307.55	-339.82	981.34	953.43	27.91	35.165		
5,500.00	5,280.51	5,448.83	5,407.04	23.49	14.15	177.67	314.95	-350.22	999.02	970.51	28.51	35.043		
5,600.00	5,375.81	5,547.25	5,504.63	24.04	14.45	177.73	322.34	-360.62	1,016.70	987.59	29.11	34.922		
5,700.00	5,471.10	5,645.67	5,602.22	24.58	14.75	177.79	329.73	-371.02	1,034.39	1,004.67	29.72	34.803		
5,800.00	5,566.39	5,744.09	5,699.80	25.13	15.05	177.85	337.12	-381.43	1,052.08	1,021.75	30.33	34.686		
5,900.00	5,661.69	5,842.50	5,797.39	25.67	15.35	177.91	344.51	-391.83	1,069.77	1,038.82	30.94	34.570		
6,000.00	5,756.98	5,940.92	5,894.98	26.22	15.66	177.96	351.91	-402.23	1,087.46	1,055.90	31.56	34.456		
6,100.00	5,852.27	6,039.34	5,992.56	26.77	15.96	178.02	359.30	-412.63	1,105.15	1,072.97	32.18	34.345		
6,200.00	5,947.56	6,137.76	6,090.15	27.32	16.27	178.07	366.69	-423.03	1,122.84	1,090.04	32.80	34.235		
6,300.00	6,042.86	6,236.00	6,182.58	27.87	16.57	178.12	374.08	-433.43	1,140.78	1,107.59	33.43	34.125		
6,400.00	6,138.15	6,334.20	6,275.58	28.43	16.87	178.17	381.47	-443.83	1,158.72	1,124.63	34.06	34.015		

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				Separation Factor	Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			Minimum Separation (usft)		
6,500.00	6,233.56	7,702.32	6,962.51	28.95	35.36	-142.40	435.57	-1,408.08	964.10	916.59	47.51	20.292			
6,600.00	6,330.92	7,710.04	6,962.49	29.21	35.55	-167.85	435.61	-1,420.45	905.57	855.07	50.51	17.930			
6,700.00	6,429.01	7,706.75	6,962.50	29.36	35.47	153.39	435.60	-1,417.15	854.20	800.82	53.38	16.003			
6,800.00	6,525.41	7,687.88	6,962.53	29.46	35.00	131.81	435.54	-1,398.28	812.50	756.71	55.80	14.562			
6,900.00	6,617.77	7,653.90	6,962.58	29.54	34.18	121.28	435.44	-1,364.30	782.04	724.53	57.51	13.599			
7,000.00	6,703.79	7,605.63	6,962.65	29.64	33.01	114.13	435.30	-1,316.04	762.98	704.64	58.34	13.079			
7,100.00	6,781.37	7,544.29	6,962.75	29.81	31.58	107.94	435.11	-1,254.69	754.08	695.73	58.35	12.924 SF			
7,167.09	6,827.73	7,503.47	6,962.82	30.00	30.63	104.03	434.97	-1,206.93	752.62	694.48	58.14	12.944			
7,200.00	6,848.60	7,471.36	6,962.86	30.10	29.92	102.18	434.89	-1,181.76	752.92	695.20	57.71	13.046			
7,300.00	6,903.80	7,388.65	6,962.98	30.55	28.10	97.00	434.64	-1,099.05	756.51	699.77	56.73	13.334			
7,400.00	6,945.64	7,302.98	6,958.59	31.20	26.33	92.60	434.04	-1,013.56	762.12	706.22	55.89	13.635			
7,500.00	6,973.08	7,221.75	6,943.96	32.08	24.76	88.81	432.68	-933.73	768.67	713.17	55.50	13.849			
7,600.00	6,985.44	7,144.07	6,920.59	33.17	23.38	85.60	430.69	-859.72	775.57	720.06	55.51	13.972			
7,700.00	6,987.78	7,071.09	6,890.62	34.47	22.22	83.19	428.22	-793.27	783.85	727.97	55.89	14.026			
7,800.00	6,989.91	7,006.22	6,857.75	35.99	21.31	80.75	425.57	-737.43	796.97	740.42	56.56	14.091			
7,900.00	6,992.03	6,950.00	6,824.81	37.71	20.61	78.37	422.94	-691.97	816.02	758.61	57.41	14.213			
8,000.00	6,994.16	6,900.00	6,792.26	39.59	20.06	76.08	420.37	-654.13	841.69	783.41	58.28	14.442			
8,100.00	6,996.29	6,850.00	6,756.84	41.62	19.57	73.66	417.58	-618.96	874.32	815.35	58.97	14.827			
8,200.00	6,998.42	6,819.43	6,733.87	43.77	19.30	72.14	415.79	-598.87	913.73	853.97	59.76	15.290			
8,300.00	7,000.55	6,786.85	6,708.37	46.02	19.03	70.49	413.80	-578.71	959.73	899.47	60.27	15.924			
8,400.00	7,002.68	6,750.00	6,678.32	48.36	18.75	68.60	411.47	-557.51	1,011.86	951.35	60.52	16.721			
8,500.00	7,004.81	6,733.30	6,664.31	50.77	18.64	67.74	410.38	-548.49	1,069.32	1,008.51	60.81	17.584			
8,600.00	7,006.94	6,700.00	6,635.69	53.24	18.41	66.02	408.17	-531.61	1,131.83	1,071.04	60.79	18.618			
8,700.00	7,009.07	6,700.00	6,635.69	55.77	18.41	66.02	408.17	-531.61	1,198.43	1,137.51	60.91	19.674			

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5C-11-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	135.42	-181.42	178.76	254.69				
100.00	100.00	103.00	97.00	3.28	3.28	135.42	-181.42	178.76	254.69	247.16	7.53	33.834	
200.00	200.00	203.00	197.00	3.30	3.30	135.42	-181.42	178.76	254.69	247.12	7.57	33.646	CC, ES
200.02	200.02	202.98	197.02	3.30	3.30	135.42	-181.42	178.76	254.69	247.12	7.57	33.646	
300.00	300.00	297.10	297.09	3.35	3.34	-171.60	-181.68	178.48	255.11	247.46	7.65	33.345	
400.00	399.93	397.15	397.09	3.41	3.40	-170.95	-184.00	176.00	258.50	250.73	7.77	33.269	SF
500.00	499.68	496.76	496.45	3.50	3.48	-169.69	-188.69	171.02	265.37	257.43	7.94	33.428	
600.00	599.13	595.62	594.78	3.61	3.58	-167.90	-195.67	163.58	275.89	267.73	8.16	33.813	
700.00	698.15	706.20	692.07	3.76	3.74	-165.78	-204.67	153.99	290.23	281.77	8.45	34.332	
800.00	796.63	808.28	789.04	3.93	3.91	-163.90	-214.00	144.06	308.26	299.47	8.79	35.064	
900.00	894.44	889.07	885.44	4.16	4.07	-162.37	-223.28	134.18	329.81	320.68	9.14	36.104	
1,000.00	991.46	985.71	981.15	4.43	4.27	-161.17	-232.49	124.38	354.75	345.19	9.55	37.132	
1,100.00	1,087.58	1,081.55	1,076.05	4.76	4.50	-160.25	-241.62	114.65	382.95	372.93	10.01	38.242	
1,200.00	1,182.93	1,176.67	1,170.25	5.14	4.73	-159.68	-250.68	105.00	413.61	403.10	10.51	39.357	
1,300.00	1,278.22	1,271.75	1,264.40	5.56	4.97	-159.27	-259.74	95.36	444.46	433.44	11.02	40.320	
1,400.00	1,373.52	1,366.83	1,358.55	6.00	5.23	-158.91	-268.79	85.71	475.33	463.76	11.56	41.101	
1,500.00	1,468.81	1,461.90	1,452.70	6.47	5.50	-158.59	-277.85	76.06	506.21	494.08	12.13	41.732	
1,600.00	1,564.10	1,556.98	1,546.85	6.95	5.77	-158.31	-286.91	66.42	537.11	524.40	12.72	42.240	
1,700.00	1,659.39	1,652.05	1,641.00	7.44	6.05	-158.06	-295.97	56.77	568.02	554.70	13.32	42.647	
1,800.00	1,754.69	1,747.13	1,735.15	7.72	6.27	-157.84	-305.03	47.13	598.93	585.40	13.54	44.250	
1,900.00	1,849.98	1,842.21	1,829.31	7.81	6.37	-157.64	-314.08	37.48	629.86	616.35	13.50	46.645	
2,000.00	1,945.27	1,937.28	1,923.46	7.95	6.41	-157.45	-323.14	27.84	660.79	647.18	13.61	48.556	
2,100.00	2,040.56	2,032.36	2,017.61	8.12	6.47	-157.29	-332.20	18.19	691.72	677.97	13.76	50.287	
2,200.00	2,135.86	2,127.44	2,111.76	8.33	6.54	-157.13	-341.26	8.55	722.66	708.72	13.94	51.834	
2,300.00	2,231.15	2,222.51	2,205.91	8.57	6.64	-156.99	-350.32	-1.10	753.61	739.44	14.17	53.196	
2,400.00	2,326.44	2,317.59	2,300.06	8.84	6.74	-156.87	-359.37	-10.75	784.56	770.13	14.43	54.377	
2,500.00	2,421.74	2,412.66	2,394.21	9.14	6.87	-156.75	-368.43	-20.39	815.51	800.78	14.72	55.386	
2,600.00	2,517.03	2,507.74	2,488.36	9.47	7.01	-156.64	-377.49	-30.04	846.46	831.41	15.05	56.234	
2,700.00	2,612.32	2,602.82	2,582.51	9.81	7.16	-156.53	-386.55	-39.68	877.42	862.01	15.41	56.934	
2,800.00	2,707.61	2,702.11	2,676.66	10.18	7.33	-156.44	-395.61	-49.33	908.38	892.57	15.81	57.472	
2,900.00	2,802.91	2,807.03	2,770.82	10.57	7.52	-156.35	-404.66	-58.97	939.34	923.10	16.24	57.847	
3,000.00	2,898.20	2,888.05	2,864.97	10.97	7.68	-156.26	-413.72	-68.62	970.31	953.66	16.65	58.278	
3,100.00	2,993.49	2,983.12	2,959.12	11.39	7.88	-156.19	-422.78	-78.27	1,001.27	984.16	17.11	58.521	
3,200.00	3,088.78	3,078.20	3,053.27	11.82	8.09	-156.11	-431.84	-87.91	1,032.24	1,014.65	17.59	58.683	
3,300.00	3,184.08	3,173.27	3,147.42	12.27	8.30	-156.04	-440.90	-97.56	1,063.21	1,045.12	18.09	58.776	
3,400.00	3,279.37	3,268.35	3,241.57	12.72	8.53	-155.98	-449.95	-107.20	1,094.18	1,075.57	18.61	58.809	
3,500.00	3,374.66	3,363.43	3,335.72	13.18	8.76	-155.92	-459.01	-116.85	1,125.15	1,106.01	19.14	58.792	
3,600.00	3,469.95	3,458.50	3,429.87	13.65	9.00	-155.86	-468.07	-126.49	1,156.12	1,136.44	19.68	58.732	
3,700.00	3,565.25	3,553.58	3,524.02	14.13	9.24	-155.80	-477.13	-136.14	1,187.09	1,166.85	20.24	58.637	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1										Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance				Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	
0.00	0.00	3.00	-3.00	3.28	3.28	132.08	-161.39	178.76	240.83		
100.00	100.00	103.00	97.00	3.28	3.28	132.08	-161.39	178.76	240.83	233.31	7.53
200.00	200.00	203.00	197.00	3.30	3.30	132.08	-161.39	178.76	240.83	233.27	7.57
200.37	200.37	202.63	197.37	3.30	3.30	132.08	-161.39	178.76	240.83	233.27	7.57
300.00	300.00	298.11	298.10	3.35	3.34	-174.94	-161.61	178.41	241.16	233.51	7.65
400.00	399.93	400.34	400.27	3.41	3.40	-174.21	-163.48	175.41	243.71	235.94	7.77
500.00	499.68	502.20	501.88	3.50	3.49	-172.77	-167.27	169.35	248.90	240.95	7.94
600.00	599.13	603.46	602.57	3.61	3.60	-170.72	-172.93	160.29	256.92	248.76	8.16
700.00	698.15	702.52	700.83	3.76	3.73	-168.51	-179.59	149.63	268.29	259.85	8.44
800.00	796.63	800.99	798.49	3.93	3.90	-166.61	-186.22	139.02	283.37	274.60	8.77
900.00	894.44	901.05	895.66	4.16	4.09	-165.05	-192.82	128.47	302.02	292.88	9.14
1,000.00	991.46	1,003.72	992.21	4.43	4.30	-163.80	-199.37	117.98	324.13	314.56	9.57
1,100.00	1,087.58	1,107.13	1,088.01	4.76	4.53	-162.83	-205.87	107.57	349.58	339.54	10.05
1,200.00	1,182.93	1,188.82	1,183.18	5.14	4.73	-162.21	-212.33	97.23	377.56	367.06	10.50
1,300.00	1,278.22	1,284.71	1,278.30	5.56	4.97	-161.72	-218.79	86.90	405.74	394.73	11.01
1,400.00	1,373.52	1,380.60	1,373.41	6.00	5.22	-161.30	-225.25	76.57	433.95	422.40	11.55
1,500.00	1,468.81	1,476.50	1,468.53	6.47	5.48	-160.93	-231.71	66.23	462.17	450.06	12.11
1,600.00	1,564.10	1,572.39	1,563.65	6.95	5.74	-160.60	-238.16	55.90	490.41	477.72	12.69
1,700.00	1,659.39	1,668.29	1,658.76	7.44	6.02	-160.31	-244.62	45.57	518.66	505.37	13.29
1,800.00	1,754.69	1,764.18	1,753.88	7.72	6.21	-160.05	-251.08	35.23	546.92	533.62	13.31
1,900.00	1,849.98	1,860.08	1,849.00	7.81	6.28	-159.81	-257.53	24.90	575.19	561.78	13.42
2,000.00	1,945.27	1,955.97	1,944.12	7.95	6.32	-159.60	-263.99	14.57	603.48	589.95	13.52
2,100.00	2,040.56	2,051.87	2,039.23	8.12	6.38	-159.40	-270.45	4.23	631.76	618.09	13.67
2,200.00	2,135.86	2,147.76	2,134.35	8.33	6.46	-159.23	-276.91	-6.10	660.06	646.20	13.86
2,300.00	2,231.15	2,243.66	2,229.47	8.57	6.55	-159.06	-283.36	-16.43	688.35	674.28	14.08
2,400.00	2,326.44	2,339.55	2,324.59	8.84	6.65	-158.91	-289.82	-26.77	716.66	702.32	14.34
2,500.00	2,421.74	2,435.45	2,419.70	9.14	6.77	-158.77	-296.28	-37.10	744.97	730.34	14.63
2,600.00	2,517.03	2,531.34	2,514.82	9.47	6.91	-158.64	-302.73	-47.43	773.28	758.32	14.95
2,700.00	2,612.32	2,627.23	2,609.94	9.81	7.05	-158.52	-309.19	-57.77	801.59	786.28	15.31
2,800.00	2,707.61	2,723.13	2,705.05	10.18	7.21	-158.41	-315.65	-68.10	829.91	814.22	15.69
2,900.00	2,802.91	2,819.02	2,800.17	10.57	7.38	-158.31	-322.10	-78.43	858.23	842.13	16.10
3,000.00	2,898.20	2,914.92	2,895.29	10.97	7.56	-158.21	-328.56	-88.77	886.55	870.02	16.53
3,100.00	2,993.49	3,010.81	2,990.41	11.39	7.76	-158.12	-335.02	-99.10	914.88	897.89	16.99
3,200.00	3,088.78	3,106.71	3,085.52	11.82	7.96	-158.03	-341.48	-109.43	943.21	925.74	17.46
3,300.00	3,184.08	3,202.60	3,180.64	12.27	8.17	-157.95	-347.93	-119.77	971.54	953.58	17.96
3,400.00	3,279.37	3,301.50	3,275.76	12.72	8.39	-157.88	-354.39	-130.10	999.87	981.39	18.48
3,500.00	3,374.66	3,405.61	3,370.88	13.18	8.63	-157.80	-360.85	-140.43	1,028.20	1,009.18	19.02
3,600.00	3,469.95	3,509.71	3,465.99	13.65	8.89	-157.74	-367.30	-150.77	1,056.53	1,036.95	19.59
3,700.00	3,565.25	3,586.18	3,561.11	14.13	9.08	-157.67	-373.76	-161.10	1,084.87	1,064.78	20.09
3,800.00	3,660.54	3,682.08	3,656.23	14.62	9.32	-157.61	-380.22	-171.43	1,113.20	1,092.54	20.66
3,900.00	3,755.83	3,777.97	3,751.35	15.11	9.57	-157.55	-386.67	-181.77	1,141.54	1,120.30	21.24
4,000.00	3,851.13	3,873.86	3,846.46	15.61	9.82	-157.50	-393.13	-192.10	1,169.88	1,148.05	21.83
4,100.00	3,946.42	3,969.76	3,941.58	16.11	10.08	-157.44	-399.59	-202.43	1,198.22	1,175.80	22.42

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1									Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	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	-179.56	-179.96	-1.39	179.97				
100.00	100.00	100.00	100.00	3.28	3.28	-179.56	-179.96	-1.39	179.97	172.44	7.53	23.909	
200.00	200.00	200.00	200.00	3.30	3.30	-179.56	-179.96	-1.39	179.97	172.40	7.57	23.778	
200.00	200.00	200.00	200.00	3.30	3.30	-179.56	-179.96	-1.39	179.97	172.40	7.57	23.778	CC, ES
300.00	300.00	298.83	298.82	3.35	3.34	-126.64	-180.12	-1.78	180.39	172.74	7.65	23.575	SF
400.00	399.93	396.39	396.33	3.41	3.40	-126.48	-181.36	-4.86	183.78	176.00	7.77	23.647	
500.00	499.68	493.71	493.42	3.50	3.48	-126.17	-183.84	-11.00	190.54	182.60	7.94	24.001	
600.00	599.13	590.62	589.82	3.61	3.58	-125.74	-187.54	-20.15	200.66	192.50	8.16	24.600	
700.00	698.15	686.95	685.26	3.76	3.72	-125.22	-192.42	-32.23	214.13	205.69	8.43	25.397	
800.00	796.63	782.57	779.51	3.93	3.89	-124.64	-198.45	-47.16	230.90	222.13	8.77	26.333	
900.00	894.44	877.32	872.31	4.16	4.10	-124.01	-205.59	-64.82	250.94	241.76	9.18	27.346	
1,000.00	991.46	971.06	963.47	4.43	4.35	-123.36	-213.78	-85.09	274.19	264.53	9.66	28.384	
1,100.00	1,087.58	1,067.40	1,056.73	4.76	4.65	-122.95	-222.84	-107.52	300.04	289.80	10.24	29.299	
1,200.00	1,182.93	1,163.58	1,149.82	5.14	4.99	-123.23	-231.89	-129.92	327.32	316.43	10.89	30.055	
1,300.00	1,278.22	1,259.73	1,242.89	5.56	5.34	-123.63	-240.94	-152.32	354.71	343.13	11.59	30.618	
1,400.00	1,373.52	1,355.88	1,335.95	6.00	5.72	-123.97	-249.99	-174.72	382.12	369.80	12.32	31.015	
1,500.00	1,468.81	1,452.03	1,429.01	6.47	6.11	-124.26	-259.04	-197.11	409.54	396.45	13.09	31.290	
1,600.00	1,564.10	1,548.18	1,522.08	6.95	6.51	-124.52	-268.09	-219.51	436.96	423.08	13.88	31.475	
1,700.00	1,659.39	1,644.32	1,615.14	7.44	6.93	-124.74	-277.14	-241.90	464.40	449.70	14.70	31.591	
1,800.00	1,754.69	1,740.47	1,708.21	7.72	7.27	-124.94	-286.18	-264.30	491.84	476.77	15.07	32.635	
1,900.00	1,849.98	1,836.62	1,801.27	7.81	7.44	-125.12	-295.23	-286.70	519.28	504.15	15.13	34.315	
2,000.00	1,945.27	1,932.77	1,894.34	7.95	7.52	-125.29	-304.28	-309.09	546.73	531.42	15.31	35.706	
2,100.00	2,040.56	2,028.92	1,987.40	8.12	7.63	-125.43	-313.33	-331.49	574.18	558.63	15.55	36.920	
2,200.00	2,135.86	2,125.07	2,080.47	8.33	7.77	-125.57	-322.38	-353.88	601.64	585.79	15.85	37.958	
2,300.00	2,231.15	2,221.21	2,173.53	8.57	7.94	-125.69	-331.43	-376.28	629.09	612.89	16.20	38.827	
2,400.00	2,326.44	2,317.36	2,266.60	8.84	8.13	-125.80	-340.48	-398.68	656.55	639.95	16.61	39.538	
2,500.00	2,421.74	2,413.51	2,359.66	9.14	8.35	-125.90	-349.52	-421.07	684.02	666.96	17.06	40.104	
2,600.00	2,517.03	2,509.66	2,452.73	9.47	8.59	-126.00	-358.57	-443.47	711.48	693.93	17.55	40.540	
2,700.00	2,612.32	2,605.81	2,545.79	9.81	8.85	-126.08	-367.62	-465.86	738.95	720.86	18.08	40.863	
2,800.00	2,707.61	2,701.95	2,638.86	10.18	9.13	-126.16	-376.67	-488.26	766.42	747.76	18.65	41.087	
2,900.00	2,802.91	2,798.10	2,731.92	10.57	9.42	-126.24	-385.72	-510.66	793.88	774.63	19.26	41.227	
3,000.00	2,898.20	2,905.75	2,824.98	10.97	9.77	-126.31	-394.77	-533.05	821.35	801.43	19.93	41.222	
3,100.00	2,993.49	3,009.60	2,918.05	11.39	10.12	-126.38	-403.82	-555.45	848.83	828.21	20.61	41.181	
3,200.00	3,088.78	3,086.55	3,011.11	11.82	10.40	-126.44	-412.86	-577.84	876.30	855.06	21.23	41.270	
3,300.00	3,184.08	3,182.70	3,104.18	12.27	10.74	-126.50	-421.91	-600.24	903.77	881.83	21.94	41.194	
3,400.00	3,279.37	3,278.84	3,197.24	12.72	11.10	-126.55	-430.96	-622.63	931.24	908.58	22.67	41.087	
3,500.00	3,374.66	3,374.99	3,290.31	13.18	11.47	-126.60	-440.01	-645.03	958.72	935.31	23.41	40.954	
3,600.00	3,469.95	3,471.14	3,383.37	13.65	11.85	-126.65	-449.06	-667.43	986.19	962.02	24.17	40.803	
3,700.00	3,565.25	3,567.29	3,476.44	14.13	12.23	-126.70	-458.11	-689.82	1,013.67	988.73	24.94	40.636	
3,800.00	3,660.54	3,663.44	3,569.50	14.62	12.62	-126.74	-467.16	-712.22	1,041.15	1,015.41	25.73	40.459	
3,900.00	3,755.83	3,759.59	3,662.57	15.11	13.02	-126.78	-476.20	-734.61	1,068.62	1,042.09	26.53	40.273	
4,000.00	3,851.13	3,855.73	3,755.63	15.61	13.43	-126.82	-485.25	-757.01	1,096.10	1,068.75	27.35	40.082	
4,100.00	3,946.42	3,951.88	3,848.70	16.11	13.84	-126.86	-494.30	-779.41	1,123.58	1,095.41	28.17	39.888	
4,200.00	4,041.71	4,048.03	3,941.76	16.62	14.25	-126.89	-503.35	-801.80	1,151.06	1,122.06	29.00	39.692	
4,300.00	4,137.00	4,144.18	4,034.82	17.13	14.67	-126.93	-512.40	-824.20	1,178.54	1,148.70	29.84	39.495	

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					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	-179.60	-159.92	-1.11	159.93				
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-159.92	-1.11	159.93	152.40	7.53	21.246	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-159.92	-1.11	159.93	152.36	7.57	21.130	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-159.92	-1.11	159.93	152.36	7.57	21.130	CC, ES
300.00	300.00	299.36	299.36	3.35	3.34	-126.67	-160.02	-1.53	160.29	152.63	7.65	20.946	SF
400.00	399.93	398.03	397.96	3.41	3.40	-126.43	-160.78	-4.84	163.17	155.39	7.77	20.988	
500.00	499.68	496.50	496.20	3.50	3.48	-125.98	-162.29	-11.45	168.92	160.98	7.94	21.264	
600.00	599.13	594.67	593.84	3.61	3.59	-125.35	-164.55	-21.30	177.56	169.39	8.17	21.743	
700.00	698.15	692.40	690.65	3.76	3.73	-124.59	-167.53	-34.35	189.06	180.61	8.45	22.383	
800.00	796.63	789.59	786.41	3.93	3.91	-123.74	-171.23	-50.50	203.42	194.63	8.79	23.132	
900.00	894.44	886.12	880.91	4.16	4.12	-122.85	-175.63	-69.67	220.61	211.39	9.22	23.935	
1,000.00	991.46	982.48	974.55	4.43	4.39	-121.96	-180.69	-91.79	240.57	230.85	9.72	24.741	
1,100.00	1,087.58	1,080.02	1,069.13	4.76	4.69	-121.58	-186.01	-115.04	262.61	252.29	10.32	25.445	
1,200.00	1,182.93	1,177.21	1,163.37	5.14	5.02	-121.93	-191.32	-138.20	286.04	275.05	10.99	26.034	
1,300.00	1,278.22	1,274.37	1,257.59	5.56	5.38	-122.36	-196.62	-161.35	309.58	297.88	11.70	26.461	
1,400.00	1,373.52	1,371.54	1,351.81	6.00	5.75	-122.73	-201.92	-184.50	333.13	320.68	12.45	26.754	
1,500.00	1,468.81	1,468.71	1,446.03	6.47	6.14	-123.05	-207.23	-207.66	356.69	343.46	13.24	26.948	
1,600.00	1,564.10	1,565.87	1,540.24	6.95	6.54	-123.34	-212.53	-230.81	380.27	366.22	14.05	27.070	
1,700.00	1,659.39	1,663.04	1,634.46	7.44	6.96	-123.59	-217.83	-253.96	403.85	388.97	14.88	27.138	
1,800.00	1,754.69	1,760.20	1,728.68	7.72	7.26	-123.81	-223.14	-277.12	427.43	412.21	15.22	28.079	
1,900.00	1,849.98	1,857.37	1,822.90	7.81	7.39	-124.01	-228.44	-300.27	451.03	435.77	15.25	29.567	
2,000.00	1,945.27	1,954.53	1,917.11	7.95	7.48	-124.19	-233.74	-323.43	474.62	459.18	15.44	30.733	
2,100.00	2,040.56	2,051.70	2,011.33	8.12	7.60	-124.35	-239.04	-346.58	498.22	482.53	15.69	31.746	
2,200.00	2,135.86	2,148.87	2,105.55	8.33	7.74	-124.50	-244.35	-369.73	521.83	505.83	16.00	32.607	
2,300.00	2,231.15	2,246.03	2,199.77	8.57	7.91	-124.63	-249.65	-392.89	545.44	529.07	16.37	33.323	
2,400.00	2,326.44	2,343.20	2,293.98	8.84	8.10	-124.76	-254.95	-416.04	569.05	552.26	16.78	33.904	
2,500.00	2,421.74	2,440.36	2,388.20	9.14	8.32	-124.87	-260.26	-439.19	592.66	575.41	17.25	34.362	
2,600.00	2,517.03	2,537.53	2,482.42	9.47	8.56	-124.97	-265.56	-462.35	616.27	598.52	17.75	34.710	
2,700.00	2,612.32	2,634.70	2,576.64	9.81	8.82	-125.07	-270.86	-485.50	639.89	621.59	18.30	34.963	
2,800.00	2,707.61	2,731.86	2,670.86	10.18	9.10	-125.16	-276.17	-508.66	663.51	644.62	18.89	35.133	
2,900.00	2,802.91	2,829.03	2,765.07	10.57	9.40	-125.25	-281.47	-531.81	687.13	667.63	19.50	35.234	
3,000.00	2,898.20	2,926.19	2,859.29	10.97	9.70	-125.32	-286.77	-554.96	710.75	690.60	20.15	35.276	
3,100.00	2,993.49	3,023.36	2,953.51	11.39	10.03	-125.40	-292.07	-578.12	734.37	713.55	20.82	35.270	
3,200.00	3,088.78	3,120.52	3,047.73	11.82	10.36	-125.47	-297.38	-601.27	757.99	736.48	21.52	35.225	
3,300.00	3,184.08	3,217.69	3,141.94	12.27	10.71	-125.53	-302.68	-624.42	781.62	759.38	22.24	35.148	
3,400.00	3,279.37	3,314.86	3,236.16	12.72	11.07	-125.59	-307.98	-647.58	805.24	782.27	22.98	35.045	
3,500.00	3,374.66	3,412.02	3,330.38	13.18	11.43	-125.65	-313.29	-670.73	828.87	805.13	23.73	34.922	
3,600.00	3,469.95	3,509.19	3,424.60	13.65	11.81	-125.70	-318.59	-693.89	852.50	827.99	24.51	34.783	
3,700.00	3,565.25	3,606.35	3,518.81	14.13	12.19	-125.76	-323.89	-717.04	876.12	850.83	25.30	34.633	
3,800.00	3,660.54	3,703.52	3,613.03	14.62	12.58	-125.80	-329.19	-740.19	899.75	873.65	26.10	34.475	
3,900.00	3,755.83	3,800.68	3,707.25	15.11	12.97	-125.85	-334.50	-763.35	923.38	896.47	26.91	34.310	
4,000.00	3,851.13	3,902.15	3,801.47	15.61	13.39	-125.89	-339.80	-786.50	947.01	919.25	27.76	34.120	
4,100.00	3,946.42	4,004.98	3,895.69	16.11	13.82	-125.94	-345.10	-809.65	970.64	942.02	28.61	33.922	
4,200.00	4,041.71	4,107.82	3,989.90	16.62	14.25	-125.98	-350.41	-832.81	994.27	964.78	29.48	33.724	
4,300.00	4,137.00	4,189.35	4,084.12	17.13	14.60	-126.01	-355.71	-855.96	1,017.90	987.63	30.27	33.627	
4,400.00	4,232.30	4,286.51	4,178.34	17.64	15.02	-126.05	-361.01	-879.12	1,041.53	1,010.40	31.13	33.457	
4,500.00	4,327.59	4,383.68	4,272.56	18.16	15.44	-126.08	-366.32	-902.27	1,065.16	1,033.16	32.00	33.288	
4,600.00	4,422.88	4,480.85	4,366.77	18.68	15.87	-126.12	-371.62	-925.42	1,088.79	1,055.92	32.87	33.122	
4,700.00	4,518.17	4,578.01	4,460.99	19.21	16.30	-126.15	-376.92	-948.58	1,112.42	1,078.67	33.75	32.958	
4,800.00	4,613.47	4,675.18	4,555.21	19.74	16.73	-126.18	-382.22	-971.73	1,136.05	1,101.42	34.64	32.797	
4,900.00	4,708.76	4,772.34	4,649.43	20.27	17.17	-126.21	-387.53	-994.88	1,159.69	1,124.16	35.53	32.640	
5,000.00	4,804.05	4,869.51	4,743.64	20.80	17.60	-126.24	-392.83	-1,018.04	1,183.32	1,146.89	36.42	32.487	

Offset Design5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
0.00	0.00	0.00	0.00	3.28	3.28	49.64	719.14	846.14	1,110.79				
100.00	100.00	70.75	70.74	3.28	3.28	49.66	718.92	846.42	1,110.53	1,103.18		7.35	151.003
200.00	200.00	172.53	172.52	3.30	3.29	49.72	718.07	847.39	1,110.72	1,103.34		7.38	150.409
300.00	300.00	284.55	284.54	3.35	3.32	102.72	716.82	847.85	1,110.42	1,102.96		7.45	148.954
400.00	399.93	403.60	403.56	3.41	3.37	102.99	714.73	846.69	1,109.32	1,101.76		7.56	146.650
500.00	499.68	513.35	513.25	3.50	3.43	103.39	712.74	843.78	1,107.71	1,100.00		7.71	143.675
600.00	599.13	611.33	611.16	3.61	3.50	103.87	711.50	840.31	1,106.63	1,098.74		7.89	140.279
652.96	651.64	662.80	662.58	3.69	3.54	104.16	711.09	838.34	1,106.47	1,098.46		8.00	138.284
700.00	698.15	708.62	708.37	3.76	3.57	104.45	710.85	836.54	1,106.60	1,098.49		8.11	136.482
800.00	796.63	807.41	807.09	3.93	3.66	105.19	710.28	832.75	1,107.68	1,099.31		8.37	132.287
900.00	894.44	901.54	901.15	4.16	3.76	106.05	709.62	829.47	1,110.14	1,101.45		8.68	127.827
1,000.00	991.46	998.08	997.65	4.43	3.87	107.08	708.66	826.57	1,114.14	1,105.08		9.05	123.079
1,100.00	1,087.58	1,094.75	1,094.28	4.76	3.98	108.24	707.57	823.81	1,119.71	1,110.23		9.48	118.135
1,200.00	1,182.93	1,192.45	1,191.93	5.14	4.11	109.59	706.40	820.94	1,126.68	1,116.72		9.96	113.128
1,300.00	1,278.22	1,288.01	1,287.43	5.56	4.23	110.94	705.32	818.01	1,134.31	1,123.84		10.47	108.317
1,400.00	1,373.52	1,384.11	1,383.48	6.00	4.37	112.26	704.66	814.81	1,142.62	1,131.61		11.01	103.775
1,500.00	1,468.81	1,478.76	1,478.08	6.47	4.51	113.53	704.21	811.58	1,151.59	1,140.02		11.57	99.568
1,600.00	1,564.10	1,574.39	1,573.65	6.95	4.65	114.78	703.98	808.30	1,161.26	1,149.12		12.14	95.681
1,700.00	1,659.39	1,674.60	1,673.80	7.44	4.81	116.09	703.46	804.86	1,171.39	1,158.67		12.72	92.056
1,800.00	1,754.69	1,765.50	1,764.64	7.72	4.96	117.26	702.67	801.76	1,181.99	1,169.09		12.90	91.642
1,900.00	1,849.98	1,855.81	1,854.90	7.81	5.10	118.39	702.52	799.01	1,193.75	1,180.65		13.10	91.129
8,000.00	6,994.16	7,005.41	7,001.26	39.59	15.44	91.53	764.40	644.76	1,143.39	1,104.55		38.84	29.438
8,100.00	6,996.29	7,005.94	7,001.79	41.62	15.44	91.60	764.42	644.75	1,051.58	1,011.70		39.88	26.369
8,200.00	6,998.42	7,006.47	7,002.33	43.77	15.45	91.67	764.44	644.74	961.40	920.09		41.31	23.271
8,300.00	7,000.55	7,007.00	7,002.86	46.02	15.45	91.74	764.46	644.74	873.37	830.10		43.26	20.187
8,400.00	7,002.68	7,007.54	7,003.39	48.36	15.45	91.81	764.48	644.73	788.19	742.31		45.88	17.179
8,500.00	7,004.81	7,008.07	7,003.93	50.77	15.45	91.88	764.50	644.72	706.91	657.57		49.34	14.327
8,600.00	7,006.94	7,008.61	7,004.46	53.24	15.45	91.95	764.52	644.71	631.03	577.22		53.81	11.728
8,700.00	7,009.07	7,009.14	7,005.00	55.77	15.45	92.02	764.55	644.70	562.74	503.36		59.37	9.478
8,800.00	7,011.20	7,009.68	7,005.53	58.33	15.45	92.09	764.57	644.69	505.12	439.22		65.90	7.666
8,900.00	7,013.33	7,010.22	7,006.07	60.94	15.45	92.16	764.59	644.69	462.19	389.46		72.73	6.355
9,000.00	7,015.46	7,010.76	7,006.61	63.58	15.45	92.23	764.61	644.68	438.28	359.68		78.61	5.576
9,057.64	7,016.68	7,011.07	7,006.92	65.12	15.46	92.27	764.62	644.67	434.48	353.51		80.96	5.366 CC, ES
9,100.00	7,017.59	7,011.30	7,007.15	66.25	15.46	92.30	764.63	644.67	436.54	354.48		82.06	5.320 SF
9,200.00	7,019.71	7,011.84	7,007.69	68.94	15.46	92.38	764.65	644.66	457.21	374.74		82.47	5.544
9,300.00	7,021.84	7,012.39	7,008.24	71.66	15.46	92.45	764.67	644.65	497.50	417.03		80.47	6.182
9,400.00	7,023.97	7,012.93	7,008.78	74.39	15.46	92.52	764.70	644.64	553.16	475.92		77.24	7.162
9,500.00	7,026.10	7,013.48	7,009.33	77.15	15.46	92.59	764.72	644.63	620.04	546.35		73.69	8.414
9,600.00	7,028.23	7,014.02	7,009.87	79.91	15.46	92.66	764.74	644.63	694.93	624.60		70.32	9.882
9,700.00	7,030.36	7,014.57	7,010.42	82.70	15.46	92.74	764.76	644.62	775.49	708.17		67.32	11.520
9,800.00	7,032.49	7,015.12	7,010.97	85.49	15.46	92.81	764.78	644.61	860.15	795.43		64.72	13.290
9,900.00	7,034.62	7,015.67	7,011.52	88.30	15.47	92.88	764.80	644.60	947.80	885.30		62.50	15.166
10,000.00	7,036.75	7,016.22	7,012.07	91.11	15.47	92.95	764.83	644.59	1,037.69	977.09		60.60	17.124
10,100.00	7,038.88	7,016.77	7,012.62	93.94	15.47	93.03	764.85	644.58	1,129.27	1,070.30		58.97	19.148

Offset Design		5N-66W-07 Offsets - NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)				
0.00	0.00	0.00	0.00	3.28	3.28	51.29	682.71	851.71	1,091.87						
100.00	100.00	76.60	76.60	3.28	3.28	51.29	682.59	851.70	1,091.47	1,084.12	7.35	148.408			
200.00	200.00	175.61	175.61	3.30	3.29	51.29	682.37	851.56	1,091.24	1,083.85	7.39	147.758			
293.28	293.28	271.32	271.32	3.34	3.31	104.22	682.48	851.23	1,091.23	1,083.78	7.45	146.521			
300.00	300.00	278.34	278.34	3.35	3.32	104.20	682.48	851.19	1,091.13	1,083.67	7.45	146.394	CC, ES		
400.00	399.93	378.65	378.65	3.41	3.36	104.36	682.34	850.72	1,091.54	1,083.98	7.56	144.472			
500.00	499.68	477.35	477.34	3.50	3.41	104.69	682.07	850.44	1,092.90	1,085.21	7.69	142.066			
600.00	599.13	570.17	570.17	3.61	3.47	105.14	681.81	850.54	1,095.52	1,087.65	7.86	139.320			
700.00	698.15	669.06	669.06	3.76	3.54	105.76	681.96	850.92	1,099.65	1,091.58	8.08	136.147			
800.00	796.63	768.94	768.93	3.93	3.62	106.55	681.73	851.32	1,104.74	1,096.41	8.34	132.517			
900.00	894.44	866.36	866.35	4.16	3.72	107.45	681.54	851.65	1,111.11	1,102.47	8.64	128.546			
1,000.00	991.46	963.20	963.20	4.43	3.82	108.46	681.54	851.89	1,118.99	1,109.98	9.00	124.274			
1,100.00	1,087.58	1,059.84	1,059.83	4.76	3.93	109.55	681.92	851.85	1,128.47	1,119.05	9.42	119.771			
1,200.00	1,182.93	1,163.13	1,163.12	5.14	4.05	110.96	681.98	851.72	1,139.26	1,129.36	9.90	115.074			
1,300.00	1,278.22	1,266.35	1,266.32	5.56	4.19	112.51	679.96	851.76	1,149.98	1,139.56	10.41	110.450			
1,400.00	1,373.52	1,369.91	1,369.77	6.00	4.33	114.16	675.39	852.45	1,160.89	1,149.94	10.95	106.044			
1,500.00	1,468.81	1,477.03	1,476.57	6.47	4.48	115.98	667.15	853.82	1,171.79	1,160.29	11.50	101.864			
1,600.00	1,564.10	1,572.18	1,571.12	6.95	4.63	117.72	656.80	855.62	1,182.98	1,170.92	12.05	98.134			
1,700.00	1,659.39	1,671.12	1,668.99	7.44	4.78	119.65	642.67	858.79	1,195.20	1,182.58	12.62	94.742	SF		

Offset Design		5N-66W-07 Offsets - STEPHENS 7-11 - SRC Energy PR Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor				
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)				
11,100.00	7,060.17	7,091.09	7,084.68	122.56	15.53	97.98	689.59	3,728.78	1,160.18	1,087.10	73.08	15.875			
11,200.00	7,062.30	7,086.89	7,080.50	125.45	15.52	97.51	689.35	3,729.04	1,071.10	992.71	78.38	13.665			
11,300.00	7,064.43	7,082.76	7,076.39	128.34	15.51	97.04	689.11	3,729.29	984.10	899.49	84.60	11.632			
11,400.00	7,066.56	7,078.70	7,072.34	131.23	15.50	96.58	688.88	3,729.53	899.79	807.87	91.92	9.789			
11,500.00	7,068.69	7,074.70	7,068.35	134.13	15.49	96.13	688.64	3,729.77	819.00	718.50	100.50	8.149			
11,600.00	7,070.82	7,070.76	7,064.43	137.03	15.48	95.68	688.41	3,730.00	742.88	632.38	110.50	6.723			
11,700.00	7,072.94	7,066.88	7,060.56	139.93	15.48	95.24	688.19	3,730.23	673.01	551.09	121.92	5.520			
11,800.00	7,075.07	7,063.06	7,056.75	142.84	15.47	94.81	687.96	3,730.45	611.55	477.07	134.48	4.548			
11,900.00	7,077.20	7,059.30	7,053.01	145.75	15.46	94.38	687.74	3,730.67	561.26	413.92	147.34	3.809			
12,000.00	7,079.33	7,055.59	7,049.31	148.66	15.45	93.96	687.53	3,730.88	525.36	366.50	158.86	3.307			
12,100.00	7,081.46	7,051.94	7,045.67	151.57	15.44	93.55	687.31	3,731.10	506.92	340.06	166.86	3.038			
12,145.30	7,082.43	7,050.31	7,044.04	152.89	15.44	93.36	687.21	3,731.19	504.90	336.11	168.79	2.991	CC, ES, SF		
12,200.00	7,083.59	7,048.35	7,042.09	154.48	15.44	93.14	687.10	3,731.30	507.85	338.32	169.53	2.996			
12,300.00	7,085.72	7,044.80	7,038.56	157.40	15.43	92.74	686.89	3,731.50	528.04	361.40	166.64	3.169			
12,400.00	7,087.85	7,041.31	7,035.08	160.32	15.42	92.34	686.69	3,731.70	565.43	405.85	159.58	3.543			
12,500.00	7,089.98	7,037.87	7,031.65	163.24	15.41	91.95	686.48	3,731.90	616.91	466.54	150.37	4.103			
12,600.00	7,092.11	7,034.48	7,028.27	166.16	15.41	91.57	686.28	3,732.09	679.28	538.63	140.65	4.830			
12,700.00	7,094.24	7,031.14	7,024.94	169.08	15.40	91.19	686.08	3,732.28	749.82	618.45	131.37	5.708			
12,800.00	7,096.37	7,027.84	7,021.65	172.00	15.39	90.82	685.89	3,732.46	826.45	703.48	122.97	6.721			
12,900.00	7,098.50	7,024.59	7,018.41	174.93	15.39	90.45	685.70	3,732.64	907.63	792.07	115.56	7.854			
13,000.00	7,100.62	7,021.39	7,015.22	177.86	15.38	90.09	685.51	3,732.82	992.24	883.15	109.09	9.095			
13,100.00	7,102.75	7,018.23	7,012.07	180.78	15.37	89.73	685.32	3,732.99	1,079.48	976.00	103.48	10.432			
13,200.00	7,104.88	7,015.11	7,008.97	183.71	15.37	89.38	685.13	3,733.16	1,168.75	1,070.14	98.61	11.853			

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	
9,500.00	7,026.10	7,067.49	7,060.25	77.15	16.02	96.78	658.94	2,091.70	1,142.01	1,085.05	56.96	20.048	
9,600.00	7,028.23	7,063.48	7,056.26	79.91	15.99	96.35	658.77	2,091.95	1,054.95	994.26	60.69	17.382	
9,700.00	7,030.36	7,059.47	7,052.26	82.70	15.96	95.93	658.59	2,092.20	970.38	905.25	65.13	14.900	
9,800.00	7,032.49	7,055.46	7,048.26	85.49	15.93	95.50	658.42	2,092.44	888.99	818.61	70.38	12.630	
9,900.00	7,034.62	7,051.46	7,044.26	88.30	15.90	95.08	658.24	2,092.69	811.75	735.18	76.57	10.601	
10,000.00	7,036.75	7,047.45	7,040.27	91.11	15.87	94.65	658.07	2,092.93	739.97	656.22	83.75	8.836	
10,100.00	7,038.88	7,043.44	7,036.27	93.94	15.83	94.23	657.89	2,093.18	675.37	583.53	91.84	7.354	
10,200.00	7,041.01	7,039.43	7,032.27	96.77	15.80	93.80	657.72	2,093.42	620.22	519.67	100.55	6.168	
10,300.00	7,043.14	7,035.42	7,028.27	99.61	15.77	93.38	657.54	2,093.67	577.22	468.06	109.16	5.288	
10,400.00	7,045.27	7,031.41	7,024.28	102.46	15.74	92.95	657.37	2,093.91	549.23	432.70	116.54	4.713	
10,500.00	7,047.39	7,027.40	7,020.28	105.32	15.71	92.52	657.19	2,094.16	538.61	417.22	121.40	4.437	
10,507.86	7,047.56	7,027.09	7,019.97	105.54	15.71	92.49	657.18	2,094.18	538.56	416.91	121.64	4.427	CC, ES, SF
10,600.00	7,049.52	7,023.40	7,016.28	108.18	15.68	92.10	657.02	2,094.40	546.37	423.45	122.92	4.445	
10,700.00	7,051.65	7,019.39	7,012.29	111.04	15.65	91.67	656.85	2,094.65	571.75	450.53	121.22	4.717	
10,800.00	7,053.78	7,015.38	7,008.29	113.92	15.61	91.25	656.67	2,094.90	612.58	495.39	117.19	5.227	
10,900.00	7,055.91	7,011.37	7,004.29	116.79	15.58	90.82	656.50	2,095.14	666.01	554.09	111.92	5.951	
11,000.00	7,058.04	7,007.36	7,000.30	119.67	15.51	90.40	656.32	2,095.39	729.28	623.03	106.26	6.863	
11,100.00	7,060.17	7,003.35	6,996.30	122.56	15.50	89.97	656.15	2,095.63	800.07	699.24	100.83	7.935	
11,200.00	7,062.30	6,999.34	6,992.30	125.45	15.49	89.54	655.97	2,095.88	876.55	780.71	95.83	9.147	
11,300.00	7,064.43	6,995.34	6,988.30	128.34	15.48	89.12	655.80	2,096.12	957.35	866.00	91.35	10.480	
11,400.00	7,066.56	6,991.33	6,984.30	131.23	15.47	88.70	655.62	2,096.37	1,041.48	954.09	87.39	11.917	
11,500.00	7,068.69	6,987.32	6,980.31	134.13	15.46	88.27	655.45	2,096.61	1,128.19	1,044.27	83.91	13.445	

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							
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	-39.53	442.26	-365.02	573.70				
100.00	100.00	81.78	81.78	3.28	3.28	-39.54	442.32	-365.09	573.53	566.18	7.35	77.981	
200.00	200.00	181.34	181.34	3.30	3.29	-39.56	442.38	-365.44	573.80	566.41	7.39	77.682	
300.00	300.00	279.98	279.97	3.35	3.32	13.29	442.26	-366.18	573.76	566.31	7.45	76.972	
400.00	399.93	375.65	375.64	3.41	3.36	13.30	442.40	-367.29	571.22	563.67	7.55	75.609	
500.00	499.68	480.05	480.02	3.50	3.41	13.35	442.37	-369.10	565.52	557.82	7.70	73.452	
600.00	599.13	580.22	580.17	3.61	3.48	13.45	441.40	-370.73	555.64	547.76	7.88	70.542	
700.00	698.15	683.68	683.62	3.76	3.56	13.68	440.25	-372.20	542.15	534.06	8.09	66.979	
800.00	796.63	780.45	780.36	3.93	3.64	13.97	438.62	-373.57	524.88	516.54	8.34	62.945	
900.00	894.44	878.92	878.82	4.16	3.74	14.44	437.39	-374.87	504.56	495.94	8.62	58.535	
1,000.00	991.46	976.05	975.92	4.43	3.85	15.06	435.99	-376.13	480.81	471.88	8.93	53.820	
1,100.00	1,087.58	1,069.74	1,069.60	4.76	3.96	15.86	434.82	-377.47	454.07	444.80	9.28	48.946	
1,200.00	1,182.93	1,163.08	1,162.92	5.14	4.07	16.72	433.98	-379.33	425.51	415.86	9.65	44.089	
1,300.00	1,278.22	1,258.53	1,258.36	5.56	4.20	17.76	433.77	-380.89	397.19	387.15	10.05	39.538	
1,400.00	1,373.52	1,354.45	1,354.27	6.00	4.33	19.04	433.69	-382.06	368.90	358.43	10.47	35.234	
1,500.00	1,468.81	1,449.62	1,449.42	6.47	4.47	20.40	433.26	-383.76	340.81	329.89	10.92	31.211	
1,600.00	1,564.10	1,543.79	1,543.58	6.95	4.61	22.05	433.25	-385.27	313.20	301.80	11.40	27.479	
1,700.00	1,659.39	1,638.31	1,638.08	7.44	4.76	24.03	433.74	-387.02	286.44	274.53	11.91	24.054	
1,800.00	1,754.69	1,733.84	1,733.60	7.72	4.91	26.52	434.58	-388.51	260.26	248.15	12.11	21.495	
1,900.00	1,849.98	1,829.79	1,829.53	7.81	5.07	29.64	435.67	-389.80	234.79	222.42	12.38	18.972	
2,000.00	1,945.27	1,926.30	1,926.04	7.95	5.23	33.60	436.53	-390.66	209.77	197.06	12.71	16.509	
2,100.00	2,040.56	2,021.79	2,021.52	8.12	5.39	38.50	437.41	-391.61	186.00	172.89	13.11	14.187	
2,200.00	2,135.86	2,118.30	2,118.02	8.33	5.55	44.96	438.03	-392.02	163.58	149.96	13.61	12.016	
2,300.00	2,231.15	2,213.45	2,213.17	8.57	5.71	53.34	438.64	-391.87	143.78	129.55	14.23	10.104	
2,400.00	2,326.44	2,309.37	2,309.09	8.84	5.88	64.10	439.12	-391.54	127.95	113.01	14.94	8.563	
2,500.00	2,421.74	2,406.50	2,406.22	9.14	6.05	77.19	438.70	-391.73	116.91	101.25	15.66	7.465	
2,600.00	2,517.03	2,502.31	2,502.02	9.47	6.22	91.60	437.61	-392.65	112.23	96.00	16.23	6.913	
2,608.27	2,524.91	2,510.25	2,509.96	9.49	6.24	92.82	437.51	-392.75	112.18	95.91	16.27	6.894 CC, ES, SF	
2,700.00	2,612.32	2,595.90	2,595.60	9.81	6.40	105.73	437.00	-393.33	116.02	99.48	16.54	7.014	
2,800.00	2,707.61	2,692.08	2,691.78	10.18	6.58	118.41	437.06	-393.92	127.43	110.78	16.65	7.655	
2,900.00	2,802.91	2,787.88	2,787.57	10.57	6.76	128.60	437.20	-395.05	143.70	127.00	16.70	8.606	
3,000.00	2,898.20	2,882.60	2,882.29	10.97	6.94	136.62	437.15	-395.96	163.83	147.06	16.77	9.770	
3,100.00	2,993.49	2,977.51	2,977.19	11.39	7.12	142.88	437.07	-396.42	186.99	170.08	16.91	11.060	
3,200.00	3,088.78	3,074.65	3,074.33	11.82	7.31	147.81	437.24	-397.07	211.66	194.53	17.13	12.359	
3,300.00	3,184.08	3,170.74	3,170.42	12.27	7.50	151.79	437.02	-398.48	236.80	219.41	17.39	13.617	
3,400.00	3,279.37	3,265.77	3,265.43	12.72	7.68	155.10	436.25	-399.91	262.90	245.22	17.69	14.863	
3,500.00	3,374.66	3,360.53	3,360.16	13.18	7.87	157.98	434.57	-401.34	289.95	271.94	18.01	16.097	
3,600.00	3,469.95	3,455.63	3,455.23	13.65	8.05	160.44	432.57	-402.71	317.74	299.37	18.37	17.299	
3,700.00	3,565.25	3,549.72	3,549.30	14.13	8.24	162.41	431.00	-403.87	346.04	327.29	18.75	18.457	
3,800.00	3,660.54	3,644.52	3,644.07	14.62	8.43	164.13	429.10	-404.66	375.13	355.98	19.15	19.587	
3,900.00	3,755.83	3,742.24	3,741.78	15.11	8.62	165.63	427.39	-405.83	404.08	384.49	19.59	20.629	
4,000.00	3,851.13	3,838.48	3,838.00	15.61	8.81	166.88	426.09	-407.40	432.70	412.67	20.03	21.600	
4,100.00	3,946.42	3,932.08	3,931.57	16.11	9.00	167.97	424.54	-408.81	461.72	441.25	20.48	22.549	
4,200.00	4,041.71	4,025.83	4,025.29	16.62	9.19	168.98	422.56	-410.09	491.21	470.28	20.93	23.471	
4,300.00	4,137.00	4,119.82	4,119.26	17.13	9.38	169.82	420.93	-410.87	521.10	499.71	21.39	24.359	
4,400.00	4,232.30	4,215.40	4,214.84	17.64	9.57	170.47	420.12	-411.19	551.11	529.24	21.88	25.193	
4,500.00	4,327.59	4,310.24	4,309.68	18.16	9.76	170.99	419.81	-411.19	581.21	558.85	22.36	25.992	
4,600.00	4,422.88	4,408.41	4,407.84	18.68	9.96	171.47	419.68	-411.35	611.13	588.26	22.87	26.721	
4,700.00	4,518.17	4,503.48	4,502.92	19.21	10.16	171.91	419.37	-411.83	640.90	617.53	23.37	27.423	
4,800.00	4,613.47	4,591.55	4,590.98	19.74	10.33	172.35	418.29	-412.14	671.24	647.40	23.84	28.159	
4,900.00	4,708.76	4,680.52	4,679.94	20.27	10.51	172.75	416.75	-411.74	702.53	678.22	24.31	28.899	
5,000.00	4,804.05	4,768.51	4,767.90	20.80	10.69	173.08	415.31	-410.41	734.67	709.89	24.78	29.647	
5,100.00	4,899.34	4,861.25	4,860.60	21.33	10.87	173.42	413.17	-408.60	767.50	742.22	25.28	30.361	
5,200.00	4,994.64	4,962.97	4,962.29	21.87	11.08	173.73	411.33	-406.73	800.05	774.22	25.83	30.975	
5,300.00	5,089.93	5,071.69	5,071.00	22.41	11.30	174.04	410.14	-406.03	831.28	804.87	26.42	31.469	
5,400.00	5,185.22	5,175.70	5,175.00	22.95	11.51	174.28	410.17	-406.47	861.09	834.11	26.98	31.911	
5,500.00	5,280.51	5,278.73	5,278.02	23.49	11.73	174.48	410.93	-407.45	890.14	862.59	27.55	32.309	
5,600.00	5,375.81	5,372.65	5,371.93	24.04	11.92	174.66	411.77	-408.74	918.77	890.69	28.08	32.724	
5,700.00	5,471.10	5,467.52	5,466.79	24.58	12.11	174.81	412.71	-409.63	947.71	919.10	28.61	33.126	
5,800.00	5,566.39	5,560.46	5,559.72	25.13	12.30	174.91	414.13	-410.13	976.71	947.58	29.13	33.524	
5,900.00	5,661.69	5,662.37	5,661.62	25.67	12.51	174.99	415.88	-410.40	1,005.84	976.14	29.70	33.862	
6,000.00	5,756.98	5,771.79	5,770.99	26.22	12.74	175.07	418.51	-411.81	1,033.79	1,003.48	30.31	34.109	
6,100.00	5,852.27	5,872.05	5,871.20	26.77	12.94	175.15	421.36	-413.91	1,060.85	1,029.97	30.87	34.361	
6,200.00	5,947.56	5,970.93	5,970.01	27.32	13.15	175.26	423.70	-416.51	1,087.73	1,056.30	31.43	34.605	
6,300.00	6,042.86	6,069.94	6,068.94	27.87	13.36	175.34	426.44	-419.17	1,114.35	1,082.36	31.99	34.830	
6,400.00	6,138.15	6,176.59	6,175.50	28.43	13.58	175.44	429.42	-422.61	1,140.54	1,107.95	32.59	34.998	

Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys													Offset Site Error:0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448													Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
6,500.00	6,233.56	6,264.01	6,262.82	28.95	13.76	170.14	432.59	-425.35	1,165.95	1,132.86	33.09	35.231		
6,600.00	6,330.92	6,346.62	6,345.38	29.21	13.93	136.75	435.11	-426.97	1,183.30	1,149.81	33.49	35.334		
6,700.00	6,429.01	6,428.72	6,427.45	29.36	14.10	93.21	436.76	-427.85	1,188.96	1,155.15	33.81	35.166		
6,800.00	6,525.41	6,507.63	6,506.36	29.46	14.26	70.15	437.34	-427.99	1,183.28	1,149.23	34.06	34.746		
6,900.00	6,617.77	6,584.62	6,583.34	29.54	14.42	61.31	437.16	-427.33	1,166.81	1,132.55	34.26	34.054		
7,000.00	6,703.79	6,673.45	6,672.16	29.64	14.60	59.16	436.64	-426.01	1,139.93	1,105.36	34.57	32.970		
7,100.00	6,781.37	6,747.65	6,746.35	29.81	14.75	60.39	436.30	-425.02	1,103.37	1,068.42	34.95	31.568		
7,200.00	6,848.60	6,810.49	6,809.18	30.10	14.88	63.92	435.56	-424.02	1,059.77	1,024.23	35.54	29.817		
7,300.00	6,903.80	6,874.22	6,872.90	30.55	15.01	69.70	435.05	-422.93	1,010.91	974.33	36.57	27.639		
7,400.00	6,945.64	6,919.20	6,917.87	31.20	15.10	76.19	435.06	-422.11	959.33	921.27	38.06	25.204		
7,500.00	6,973.08	6,946.95	6,945.61	32.08	15.16	82.49	435.10	-421.50	908.28	868.20	40.08	22.663		
7,600.00	6,985.44	6,961.05	6,959.71	33.17	15.19	87.99	435.12	-421.15	860.65	818.05	42.60	20.202		
7,700.00	6,987.78	6,965.83	6,964.49	34.47	15.20	89.06	435.13	-421.02	820.02	774.51	45.51	18.019		
7,800.00	6,989.91	6,970.53	6,969.18	35.99	15.21	89.42	435.14	-420.90	789.96	741.29	48.67	16.230		
7,900.00	6,992.03	6,975.36	6,974.01	37.71	15.22	89.78	435.15	-420.76	771.75	719.88	51.87	14.879		
7,992.56	6,994.01	6,979.94	6,978.60	39.45	15.22	90.12	435.16	-420.63	766.19	711.55	54.64	14.022		
8,000.00	6,994.16	6,980.32	6,978.97	39.59	15.23	90.15	435.16	-420.62	766.23	711.38	54.85	13.971		
8,100.00	6,996.29	6,985.42	6,984.07	41.62	15.24	90.53	435.17	-420.48	773.67	716.29	57.38	13.483		
8,200.00	6,998.42	6,990.66	6,989.31	43.77	15.25	90.92	435.18	-420.32	793.71	734.36	59.34	13.375		
8,300.00	7,000.55	6,996.06	6,994.70	46.02	15.26	91.32	435.19	-420.16	825.42	764.72	60.70	13.598		
8,400.00	7,002.68	7,001.70	7,000.34	48.36	15.27	91.74	435.20	-419.98	867.54	806.03	61.51	14.105		
8,500.00	7,004.81	7,007.89	7,006.53	50.77	15.28	92.21	435.22	-419.78	918.61	856.75	61.87	14.848		
8,600.00	7,006.94	7,014.53	7,013.17	53.24	15.29	92.70	435.23	-419.55	977.25	915.36	61.89	15.790		
8,700.00	7,009.07	7,021.67	7,020.30	55.77	15.31	93.23	435.25	-419.29	1,042.16	980.47	61.69	16.895		
8,800.00	7,011.20	7,029.37	7,028.00	58.33	15.32	93.80	435.26	-418.99	1,112.25	1,050.92	61.33	18.136		
8,900.00	7,013.33	7,037.69	7,036.31	60.94	15.34	94.42	435.28	-418.64	1,186.59	1,125.70	60.88	19.490		

Offset Design5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth 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	-144.63	-537.70	-381.74	659.74				
100.00	100.00	79.38	79.38	3.28	3.28	-144.64	-537.84	-381.62	659.47	652.12	7.35	89.668	
200.00	200.00	180.69	180.68	3.30	3.29	-144.69	-538.17	-381.20	659.50	652.11	7.39	89.290	
300.00	300.00	281.09	281.09	3.35	3.32	-91.85	-538.19	-380.90	659.36	651.90	7.45	88.458	
342.71	342.69	323.41	323.41	3.37	3.33	-91.94	-538.12	-380.89	659.33	651.83	7.49	87.990	CC, ES
400.00	399.93	379.73	379.73	3.41	3.36	-92.14	-538.04	-380.96	659.39	651.84	7.55	87.279	
500.00	499.68	477.25	477.24	3.50	3.40	-92.68	-537.96	-381.41	659.88	652.19	7.69	85.796	
600.00	599.13	576.51	576.50	3.61	3.47	-93.50	-537.90	-382.25	660.87	653.00	7.87	84.006	
700.00	698.15	675.87	675.86	3.76	3.54	-94.60	-537.80	-383.07	662.23	654.15	8.09	81.906	
800.00	796.63	775.42	775.40	3.93	3.63	-95.98	-537.61	-383.90	664.14	655.79	8.35	79.527	
900.00	894.44	873.15	873.13	4.16	3.72	-97.60	-537.36	-384.65	666.83	658.16	8.67	76.926	
1,000.00	991.46	970.54	970.51	4.43	3.83	-99.46	-537.15	-385.44	670.71	661.67	9.04	74.167	
1,100.00	1,087.58	1,067.67	1,067.65	4.76	3.94	-101.53	-536.85	-386.20	676.01	666.52	9.48	71.306	
1,200.00	1,182.93	1,164.50	1,164.47	5.14	4.06	-103.84	-536.47	-386.79	682.81	672.84	9.97	68.457	
1,300.00	1,278.22	1,261.03	1,261.00	5.56	4.19	-106.14	-535.90	-387.39	690.68	680.17	10.50	65.762	
1,400.00	1,373.52	1,357.17	1,357.13	6.00	4.32	-108.37	-535.17	-388.12	699.59	688.54	11.05	63.285	
1,500.00	1,468.81	1,453.50	1,453.46	6.47	4.46	-110.56	-534.41	-388.73	709.54	697.92	11.62	61.043	
1,600.00	1,564.10	1,551.54	1,551.49	6.95	4.61	-112.71	-533.39	-389.55	720.36	708.16	12.21	59.012	
1,700.00	1,659.39	1,649.44	1,649.37	7.44	4.76	-114.77	-531.92	-390.53	731.79	718.99	12.80	57.178	
1,800.00	1,754.69	1,747.33	1,747.24	7.72	4.92	-116.75	-530.25	-391.63	743.97	730.99	12.98	57.316	
1,900.00	1,849.98	1,845.19	1,845.07	7.81	5.08	-118.61	-528.08	-393.54	756.64	743.45	13.18	57.390	
2,000.00	1,945.27	1,941.27	1,941.08	7.95	5.24	-120.35	-525.86	-395.87	770.04	756.62	13.42	57.370	
2,100.00	2,040.56	2,037.10	2,036.86	8.12	5.40	-122.02	-523.65	-398.15	784.16	770.47	13.69	57.265	
2,200.00	2,135.86	2,131.76	2,131.47	8.33	5.57	-123.63	-521.61	-400.23	799.09	785.10	13.99	57.108	
2,300.00	2,231.15	2,226.45	2,226.14	8.57	5.73	-125.20	-519.78	-402.04	814.89	800.57	14.32	56.912	
2,400.00	2,326.44	2,322.94	2,322.59	8.84	5.91	-126.75	-517.96	-403.83	831.34	816.67	14.67	56.664	
2,500.00	2,421.74	2,419.57	2,419.18	9.14	6.08	-128.25	-516.08	-405.56	848.34	833.29	15.05	56.383	
2,600.00	2,517.03	2,516.58	2,516.15	9.47	6.26	-129.69	-514.09	-407.42	865.79	850.35	15.44	56.074	
2,700.00	2,612.32	2,612.21	2,611.75	9.81	6.44	-131.06	-512.10	-409.13	883.75	867.90	15.85	55.765	
2,800.00	2,707.61	2,707.78	2,707.29	10.18	6.62	-132.38	-510.16	-410.69	902.27	886.00	16.27	55.460	
2,900.00	2,802.91	2,805.23	2,804.71	10.57	6.81	-133.68	-508.12	-412.24	921.21	904.50	16.71	55.142	
3,000.00	2,898.20	2,902.59	2,902.03	10.97	6.99	-134.93	-505.95	-413.87	940.45	923.29	17.15	54.823	
3,100.00	2,993.49	2,997.98	2,997.38	11.39	7.18	-136.10	-503.81	-415.58	960.07	942.47	17.61	54.526	
3,200.00	3,088.78	3,094.95	3,094.31	11.82	7.36	-137.24	-501.62	-417.29	980.08	962.01	18.07	54.230	
3,300.00	3,184.08	3,193.18	3,192.50	12.27	7.56	-138.37	-499.18	-418.72	1,000.31	981.76	18.55	53.935	
3,400.00	3,279.37	3,295.53	3,294.80	12.72	7.76	-139.55	-496.05	-419.46	1,020.51	1,001.47	19.03	53.618	
3,500.00	3,374.66	3,392.90	3,392.10	13.18	7.95	-140.69	-492.40	-419.11	1,040.69	1,021.19	19.51	53.345	
3,600.00	3,469.95	3,481.49	3,480.61	13.65	8.12	-141.76	-488.98	-417.58	1,061.52	1,041.56	19.96	53.175	
3,700.00	3,565.25	3,571.39	3,570.41	14.13	8.29	-142.85	-485.79	-414.94	1,083.38	1,062.96	20.42	53.063	
3,800.00	3,660.54	3,662.62	3,661.54	14.62	8.47	-143.95	-482.80	-411.78	1,106.06	1,085.18	20.87	52.987	SF
3,900.00	3,755.83	3,747.38	3,746.21	15.11	8.64	-144.92	-480.41	-408.76	1,129.61	1,108.29	21.32	52.993	
4,000.00	3,851.13	3,832.41	3,831.17	15.61	8.80	-145.86	-478.97	-405.44	1,154.64	1,132.88	21.76	53.066	
4,100.00	3,946.42	3,928.16	3,926.83	16.11	8.99	-146.88	-477.55	-401.66	1,180.24	1,158.01	22.23	53.089	

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)		
17,100.00	7,187.92	7,168.76	6,803.65	298.47	51.55	66.06	487.12	9,579.56	1,165.68	937.12	228.57	5.100	
17,200.00	7,190.05	7,200.00	6,829.52	301.42	51.89	67.62	495.19	9,595.10	1,091.17	850.85	240.32	4.541	
17,300.00	7,192.18	7,200.00	6,829.52	304.37	51.89	67.62	495.19	9,595.10	1,019.69	764.93	254.76	4.003	
17,400.00	7,194.31	7,232.04	6,855.17	307.32	52.30	69.24	503.18	9,612.55	952.11	683.50	268.60	3.545	
17,500.00	7,196.44	7,258.69	6,875.77	310.28	52.64	70.58	509.60	9,628.19	889.09	605.54	283.55	3.136	
17,573.34	7,198.00	7,300.00	6,906.27	312.44	53.17	72.67	519.08	9,654.38	846.57	552.91	293.66	2.883	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore	Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,400.00	7,194.31	7,133.65	6,858.83	307.32	47.22	75.66	191.30	9,621.52	1,197.72	899.22	298.50	4.012	
17,500.00	7,196.44	7,160.49	6,879.71	310.28	47.56	76.72	196.14	9,637.67	1,147.39	836.91	310.47	3.696	
17,573.34	7,198.00	7,200.00	6,909.06	312.44	48.06	78.24	202.93	9,663.22	1,114.02	795.41	318.60	3.497	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST C1-9-11 - Extraction PR Well (Plan Only) -										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
16,900.00	7,183.66	7,257.96	6,908.86	292.57	52.92	70.12	626.54	9,534.21	1,197.73	1,008.43	189.31	6.327	
17,000.00	7,185.79	7,269.46	6,919.35	295.52	53.02	70.98	629.66	9,537.75	1,111.41	911.11	200.30	5.549	
17,100.00	7,187.92	7,300.00	6,946.86	298.47	53.29	73.34	637.82	9,548.20	1,027.55	816.02	211.54	4.858	
17,200.00	7,190.05	7,300.00	6,946.86	301.42	53.29	73.34	637.82	9,548.20	945.48	719.12	226.36	4.177	
17,300.00	7,192.18	7,300.00	6,946.86	304.37	53.29	73.34	637.82	9,548.20	867.18	624.12	243.06	3.568	
17,400.00	7,194.31	7,333.24	6,976.15	307.32	53.64	75.99	646.50	9,561.29	792.30	532.84	259.46	3.054	
17,500.00	7,196.44	7,355.67	6,995.48	310.28	53.87	77.82	652.22	9,571.11	722.56	444.18	278.37	2.596	
17,573.34	7,198.00	7,374.50	7,011.42	312.44	54.07	79.38	656.94	9,579.97	675.19	382.17	293.02	2.304	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - Extraction PR Well (Plan Only) - Planned Extr										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,900.00	7,183.66	7,200.00	6,703.74	292.57	61.68	9.43	1,110.01	9,526.73	1,110.17	1,015.43	94.74	11.718	
17,000.00	7,185.79	7,238.82	6,738.25	295.52	62.08	8.31	1,123.08	9,538.77	1,015.84	921.42	94.41	10.760	
17,100.00	7,187.92	7,252.64	6,750.34	298.47	62.22	7.87	1,127.65	9,543.66	923.31	827.47	95.84	9.634	
17,200.00	7,190.05	7,268.28	6,763.89	301.42	62.38	7.33	1,132.77	9,549.57	831.84	734.44	97.40	8.540	
17,300.00	7,192.18	7,300.00	6,790.87	304.37	62.71	6.13	1,142.96	9,562.74	741.95	644.13	97.82	7.585	
17,400.00	7,194.31	7,300.00	6,790.87	307.32	62.71	6.13	1,142.96	9,562.74	653.11	551.46	101.65	6.425	
17,500.00	7,196.44	7,330.22	6,815.92	310.28	63.06	4.80	1,152.40	9,576.76	566.41	463.44	102.97	5.501	
17,573.34	7,198.00	7,350.00	6,831.93	312.44	63.29	3.83	1,158.42	9,586.69	504.43	399.86	104.56	4.824	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	
16,900.00	7,183.66	7,200.00	6,757.49	292.57	56.32	48.34	782.84	9,550.69	1,182.09	1,026.12	155.96	7.579	
17,000.00	7,185.79	7,200.00	6,757.49	295.52	56.32	48.34	782.84	9,550.69	1,093.51	928.85	164.67	6.641	
17,100.00	7,187.92	7,232.11	6,785.08	298.47	56.68	49.90	792.88	9,563.70	1,005.70	833.40	172.30	5.837	
17,200.00	7,190.05	7,249.73	6,799.91	301.42	56.88	50.81	798.27	9,571.53	919.99	737.73	182.26	5.048	
17,300.00	7,192.18	7,269.61	6,816.36	304.37	57.11	51.87	804.26	9,580.94	836.39	642.75	193.64	4.319	
17,400.00	7,194.31	7,300.00	6,840.90	307.32	57.46	53.59	813.17	9,596.49	755.45	549.54	205.91	3.669	
17,500.00	7,196.44	7,300.00	6,840.90	310.28	57.46	53.59	813.17	9,596.49	677.97	454.66	223.31	3.036	
17,573.34	7,198.00	7,339.06	6,871.25	312.44	57.96	55.94	824.18	9,618.47	622.79	388.85	233.94	2.662	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 Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
13,000.00	7,100.62	7,037.62	7,037.62	177.86	247.61	88.99	264.34	5,348.43	1,197.59	811.62	385.98	3.103			
13,100.00	7,102.75	7,039.75	7,039.75	180.78	247.69	89.12	264.34	5,348.43	1,136.50	740.86	395.64	2.873			
13,200.00	7,104.88	7,041.88	7,041.88	183.71	247.76	89.26	264.34	5,348.43	1,081.22	675.64	405.58	2.666			
13,300.00	7,107.01	7,044.01	7,044.01	186.64	247.84	89.39	264.34	5,348.43	1,032.68	617.16	415.51	2.485			
13,400.00	7,109.14	7,046.14	7,046.14	189.57	247.91	89.52	264.34	5,348.43	991.86	566.79	425.07	2.333			
13,500.00	7,111.27	7,048.27	7,048.27	192.51	247.99	89.65	264.34	5,348.43	959.77	525.99	433.78	2.213			
13,600.00	7,113.40	7,050.40	7,050.40	195.44	248.06	89.78	264.34	5,348.43	937.30	496.17	441.13	2.125			
13,700.00	7,115.53	7,052.53	7,052.53	198.37	248.14	89.92	264.34	5,348.43	925.14	478.50	446.63	2.071			
13,763.30	7,116.88	7,053.88	7,053.88	200.23	248.19	90.00	264.34	5,348.43	922.97	473.97	449.00	2.056 CC			
13,800.00	7,117.66	7,054.66	7,054.66	201.31	248.21	90.05	264.34	5,348.43	923.70	473.75	449.95	2.053 ES, SF			
13,900.00	7,119.79	7,056.79	7,056.79	204.24	248.29	90.18	264.34	5,348.43	933.03	482.08	450.95	2.069			
14,000.00	7,121.92	7,058.92	7,058.92	207.18	248.36	90.31	264.34	5,348.43	952.82	503.08	449.74	2.119			
14,100.00	7,124.05	7,061.05	7,061.05	210.12	248.44	90.44	264.34	5,348.43	982.44	535.82	446.62	2.200			
14,200.00	7,126.17	7,063.17	7,063.17	213.05	248.52	90.58	264.34	5,348.43	1,021.03	579.03	442.00	2.310			
14,300.00	7,128.30	7,065.30	7,065.30	215.99	248.59	90.71	264.34	5,348.43	1,067.61	631.28	436.33	2.447			
14,400.00	7,130.43	7,067.43	7,067.43	218.93	248.67	90.84	264.34	5,348.43	1,121.19	691.16	430.03	2.607			
14,500.00	7,132.56	7,069.56	7,069.56	221.87	248.74	90.97	264.34	5,348.43	1,180.83	757.38	423.44	2.789			

Offset Design5N-66W-08 Offsets Need HZ - WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7600-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore	Centre	Between	Between	Minimum	Separation	
(usft)	Depth	Depth	Depth			Toolface	+N/-S	+E/-W	Centres	Ellipses	Separation	Factor	
	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
13,800.00	7,117.66	7,399.22	7,150.70	201.31	18.91	100.63	539.77	6,369.52	1,184.89	1,053.51	131.38	9.019	
13,900.00	7,119.79	7,395.48	7,147.00	204.24	18.90	100.30	539.32	6,369.76	1,103.02	962.09	140.93	7.827	
14,000.00	7,121.92	7,391.80	7,143.35	207.18	18.90	99.98	538.86	6,369.99	1,024.35	872.71	151.65	6.755	
14,100.00	7,124.05	7,388.18	7,139.76	210.12	18.89	99.67	538.41	6,370.22	949.69	786.11	163.59	5.805	
14,200.00	7,126.17	7,384.60	7,136.22	213.05	18.88	99.36	537.97	6,370.44	880.06	703.34	176.72	4.980	
14,300.00	7,128.30	7,381.08	7,132.74	215.99	18.88	99.05	537.52	6,370.66	816.74	625.91	190.83	4.280	
14,400.00	7,130.43	7,377.62	7,129.31	218.93	18.87	98.75	537.08	6,370.87	761.31	555.88	205.43	3.706	
14,500.00	7,132.56	7,374.20	7,125.92	221.87	18.87	98.45	536.64	6,371.08	715.61	495.96	219.65	3.258	
14,600.00	7,134.69	7,370.83	7,122.59	224.81	18.86	98.15	536.20	6,371.29	681.59	449.40	232.19	2.936	
14,700.00	7,136.82	7,367.51	7,119.30	227.75	18.85	97.86	535.76	6,371.49	661.07	419.53	241.54	2.737	
14,787.95	7,138.69	7,364.62	7,116.45	230.34	18.85	97.61	535.38	6,371.66	655.20	409.13	246.08	2.663 CC	
14,800.00	7,138.95	7,364.23	7,116.06	230.70	18.85	97.58	535.33	6,371.69	655.31	408.92	246.39	2.660 ES, SF	
14,900.00	7,141.08	7,361.00	7,112.87	233.64	18.84	97.29	534.90	6,371.88	664.70	418.52	246.18	2.700	
15,000.00	7,143.21	7,357.82	7,109.72	236.58	18.83	97.02	534.47	6,372.07	688.62	447.31	241.31	2.854	
15,100.00	7,145.34	7,354.68	7,106.62	239.52	18.83	96.74	534.05	6,372.26	725.63	492.69	232.94	3.115	
15,200.00	7,147.47	7,351.59	7,103.56	242.47	18.82	96.47	533.63	6,372.44	773.86	551.39	222.47	3.478	
15,300.00	7,149.60	7,348.54	7,100.54	245.41	18.82	96.21	533.21	6,372.62	831.36	620.24	211.13	3.938	
15,400.00	7,151.73	7,345.53	7,097.56	248.36	18.81	95.94	532.79	6,372.80	896.35	696.57	199.77	4.487	
15,500.00	7,153.85	7,342.56	7,094.63	251.30	18.81	95.68	532.38	6,372.97	967.31	778.37	188.94	5.120	
15,600.00	7,155.98	7,339.63	7,091.73	254.25	18.80	95.43	531.97	6,373.14	1,043.03	864.15	178.88	5.831	
15,700.00	7,158.11	7,336.73	7,088.87	257.19	18.80	95.18	531.56	6,373.31	1,122.55	952.84	169.71	6.614	

Offset Design 5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-8H - SRC Energy Planned Well - Planned Ensign Dir												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
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
4,100.00	3,946.42	4,045.92	4,011.91	16.11	15.03	51.34	1,816.26	-903.98	1,197.10	1,167.81	29.28	40.878	
4,200.00	4,041.71	4,135.24	4,100.04	16.62	15.44	53.06	1,811.67	-890.13	1,171.94	1,141.60	30.34	38.624	
4,300.00	4,137.00	4,224.57	4,188.16	17.13	15.84	54.84	1,807.07	-876.28	1,147.99	1,116.57	31.42	36.533	
4,400.00	4,232.30	4,313.89	4,276.28	17.64	16.25	56.69	1,802.48	-862.44	1,125.33	1,092.81	32.52	34.599	
4,500.00	4,327.59	4,403.22	4,364.41	18.16	16.66	58.59	1,797.89	-848.59	1,104.04	1,070.40	33.64	32.816	
4,600.00	4,422.88	4,507.46	4,452.53	18.68	17.13	60.56	1,793.30	-834.74	1,084.20	1,049.36	34.84	31.118	
4,700.00	4,518.17	4,581.86	4,540.66	19.21	17.47	62.58	1,788.71	-820.89	1,065.88	1,029.97	35.92	29.677	
4,800.00	4,613.47	4,671.19	4,628.78	19.74	17.88	64.66	1,784.12	-807.05	1,049.17	1,012.11	37.06	28.310	
4,900.00	4,708.76	4,760.51	4,716.91	20.27	18.29	66.79	1,779.53	-793.20	1,034.15	995.95	38.20	27.071	
5,000.00	4,804.05	4,849.84	4,805.03	20.80	18.71	68.96	1,774.94	-779.35	1,020.89	981.55	39.34	25.954	
5,100.00	4,899.34	4,938.78	4,892.89	21.33	19.05	71.14	1,770.57	-766.18	1,009.46	969.08	40.38	24.999	
5,200.00	4,994.64	5,029.76	4,983.13	21.87	19.32	73.27	1,766.95	-755.26	999.81	958.48	41.33	24.191	
5,300.00	5,089.93	5,123.27	5,076.22	22.41	19.57	75.32	1,764.17	-746.87	991.64	949.42	42.22	23.486	
5,400.00	5,185.22	5,219.22	5,171.98	22.95	19.79	77.29	1,762.31	-741.27	984.63	941.58	43.05	22.870	
5,500.00	5,280.51	5,317.48	5,270.20	23.49	19.98	79.15	1,761.46	-738.70	978.47	934.64	43.83	22.325	
5,600.00	5,375.81	5,414.09	5,366.81	24.04	20.15	80.85	1,761.41	-738.55	972.98	928.41	44.57	21.832	
5,700.00	5,471.10	5,509.38	5,462.10	24.58	20.32	82.54	1,761.41	-738.55	968.39	923.09	45.29	21.381	
5,800.00	5,566.39	5,604.67	5,557.39	25.13	20.50	84.24	1,761.41	-738.55	964.73	918.73	46.00	20.972	
5,900.00	5,661.69	5,699.97	5,652.69	25.67	20.67	85.96	1,761.41	-738.55	962.01	915.32	46.69	20.605	
6,000.00	5,756.98	5,795.26	5,747.98	26.22	20.84	87.68	1,761.41	-738.55	960.24	912.88	47.36	20.276	
6,100.00	5,852.27	5,890.55	5,843.27	26.77	21.02	89.40	1,761.41	-738.55	959.43	911.42	48.01	19.985	
6,134.77	5,885.40	5,923.68	5,876.40	26.96	21.08	90.00	1,761.41	-738.55	959.37	911.14	48.23	19.892	
6,200.00	5,947.56	5,985.84	5,938.56	27.32	21.19	91.13	1,761.41	-738.55	959.58	910.94	48.64	19.730	
6,300.00	6,042.86	6,081.14	6,033.86	27.87	21.36	92.85	1,761.41	-738.55	960.68	911.44	49.24	19.509	
6,400.00	6,138.15	6,176.43	6,129.15	28.43	21.54	94.57	1,761.41	-738.55	962.74	912.91	49.83	19.321	
6,500.00	6,233.56	6,271.84	6,224.56	28.95	21.71	91.26	1,761.41	-738.55	965.37	915.01	50.37	19.167	
6,600.00	6,330.92	6,369.20	6,321.92	29.21	21.89	59.40	1,761.41	-738.55	960.77	910.09	50.68	18.958	
6,700.00	6,429.01	6,467.29	6,420.01	29.36	22.07	15.17	1,761.41	-738.55	945.38	894.42	50.96	18.553	
6,800.00	6,525.41	6,563.70	6,516.41	29.46	22.25	-10.90	1,761.41	-738.55	919.21	867.97	51.24	17.940	
6,900.00	6,617.77	7,000.00	6,934.16	29.54	22.24	-37.35	1,758.05	-840.53	874.38	825.23	49.15	17.791	
7,000.00	6,703.79	7,197.08	7,087.17	29.64	22.11	-69.13	1,753.99	-963.69	799.24	752.04	47.20	16.932	
7,100.00	6,781.37	7,218.46	7,101.60	29.81	22.11	-84.35	1,753.47	-979.46	726.33	678.38	47.95	15.149	
7,200.00	6,848.60	7,199.00	7,088.49	30.10	22.11	-91.68	1,753.95	-965.09	662.46	613.14	49.33	13.430	
7,300.00	6,903.80	7,164.45	7,064.27	30.55	22.12	-94.67	1,754.76	-940.45	611.29	560.50	50.79	12.035	
7,400.00	6,945.64	7,122.76	7,033.51	31.20	22.13	-94.73	1,755.68	-912.34	575.76	523.71	52.05	11.061	
7,500.00	6,973.08	7,077.19	6,998.08	32.08	22.16	-92.52	1,756.63	-883.70	557.75	504.81	52.93	10.537	
7,551.79	6,981.39	7,052.61	6,978.24	32.64	22.18	-90.61	1,757.10	-869.21	555.42	502.18	53.24	10.433	CC, ES, SF
7,600.00	6,985.44	7,029.29	6,958.96	33.17	22.21	-88.41	1,757.54	-856.10	557.36	503.98	53.38	10.442	
7,700.00	6,987.78	6,983.86	6,920.23	34.47	22.26	-84.26	1,758.32	-832.39	572.30	518.88	53.42	10.712	
7,800.00	6,989.91	6,946.93	6,887.68	35.99	22.31	-80.93	1,758.89	-814.96	600.43	547.26	53.17	11.292	
7,900.00	6,992.03	6,916.56	6,860.27	37.71	22.35	-78.19	1,759.32	-801.89	640.79	588.04	52.75	12.148	
8,000.00	6,994.16	6,900.00	6,845.10	39.59	22.37	-76.69	1,759.54	-795.26	691.84	639.62	52.22	13.249	
8,100.00	6,996.29	6,869.84	6,817.09	41.62	22.40	-73.98	1,759.91	-784.09	751.51	699.69	51.81	14.505	
8,200.00	6,998.42	6,851.56	6,799.89	43.77	22.41	-72.36	1,760.11	-777.89	818.34	766.93	51.41	15.917	
8,300.00	7,000.55	6,835.77	6,784.92	46.02	22.43	-70.97	1,760.28	-772.90	890.82	839.74	51.08	17.439	
8,400.00	7,002.68	6,822.02	6,771.79	48.36	22.44	-69.77	1,760.41	-768.82	967.78	916.97	50.81	19.045	
8,500.00	7,004.81	6,800.00	6,750.60	50.77	22.46	-67.88	1,760.61	-762.81	1,048.41	997.78	50.63	20.707	
8,600.00	7,006.94	6,800.00	6,750.60	53.24	22.46	-67.88	1,760.61	-762.81	1,131.69	1,081.26	50.43	22.439	

Offset Design5N-67W-01 Offsets Incomplete - Greeley-Rothe 1-9H - SRC Energy Planned Well - Planned Ensign Dir												Offset Site Error:		0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							
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	
3,500.00	3,374.66	3,602.32	3,563.60	13.18	14.28	39.92	1,621.88	-1,003.54	1,170.66	1,148.30	22.36	52.366		
3,600.00	3,469.95	3,690.50	3,650.26	13.65	14.72	41.24	1,609.48	-992.97	1,130.83	1,107.66	23.17	48.812		
3,700.00	3,565.25	3,778.67	3,736.92	14.13	15.16	42.65	1,597.08	-982.39	1,091.59	1,067.57	24.02	45.446		
3,800.00	3,660.54	3,866.85	3,823.58	14.62	15.60	44.15	1,584.68	-971.82	1,053.00	1,028.09	24.91	42.265		
3,900.00	3,755.83	3,955.03	3,910.24	15.11	16.05	45.75	1,572.28	-961.24	1,015.14	989.28	25.86	39.262		
4,000.00	3,851.13	4,043.21	3,996.90	15.61	16.49	47.47	1,559.88	-950.67	978.08	951.24	26.85	36.433		
4,100.00	3,946.42	4,131.39	4,083.56	16.11	16.93	49.30	1,547.48	-940.09	941.93	914.04	27.89	33.774		
4,200.00	4,041.71	4,219.57	4,170.22	16.62	17.38	51.26	1,535.08	-929.52	906.79	877.80	28.99	31.281		
4,300.00	4,137.00	4,307.75	4,256.88	17.13	17.82	53.36	1,522.68	-918.95	872.79	842.64	30.15	28.951		
4,400.00	4,232.30	4,404.07	4,343.54	17.64	18.31	55.61	1,510.28	-908.37	840.05	808.65	31.40	26.755		
4,500.00	4,327.59	4,484.11	4,430.21	18.16	18.72	58.00	1,497.88	-897.80	808.75	776.10	32.65	24.772		
4,600.00	4,422.88	4,572.29	4,516.87	18.68	19.17	60.56	1,485.48	-887.22	779.04	745.05	33.99	22.920		
4,700.00	4,518.17	4,660.47	4,603.53	19.21	19.62	63.29	1,473.09	-876.65	751.12	715.73	35.39	21.225		
4,800.00	4,613.47	4,748.65	4,690.19	19.74	20.06	66.18	1,460.69	-866.07	725.20	688.36	36.84	19.686		
4,900.00	4,708.76	4,836.83	4,776.85	20.27	20.51	69.24	1,448.29	-855.50	701.49	663.17	38.33	18.303		
5,000.00	4,804.05	4,925.01	4,863.51	20.80	20.96	72.46	1,435.89	-844.92	680.23	640.39	39.84	17.074		
5,100.00	4,899.34	5,013.19	4,950.17	21.33	21.41	75.85	1,423.49	-834.35	661.66	620.30	41.36	15.998		
5,200.00	4,994.64	5,101.36	5,036.83	21.87	21.87	79.37	1,411.09	-823.78	646.00	603.15	42.85	15.075		
5,300.00	5,089.93	5,189.54	5,123.49	22.41	22.32	83.02	1,398.69	-813.20	633.48	589.18	44.30	14.300		
5,400.00	5,185.22	5,277.72	5,210.15	22.95	22.77	86.77	1,386.29	-802.63	624.27	578.61	45.66	13.672		
5,500.00	5,280.51	5,365.90	5,296.81	23.49	23.22	90.59	1,373.89	-792.05	618.54	571.62	46.92	13.184		
5,600.00	5,375.81	5,454.08	5,383.47	24.04	23.67	94.45	1,361.49	-781.48	616.37	568.33	48.03	12.832		
5,610.24	5,385.57	5,463.11	5,392.34	24.09	23.72	94.84	1,360.22	-780.40	616.35	568.21	48.14	12.803		
5,700.00	5,471.10	5,542.26	5,470.13	24.58	24.13	98.31	1,349.09	-770.90	617.80	568.80	49.00	12.608		
5,800.00	5,566.39	5,630.51	5,557.10	25.13	24.47	102.03	1,337.69	-761.18	622.81	573.10	49.71	12.529		
5,900.00	5,661.69	5,721.51	5,647.21	25.67	24.76	105.57	1,328.08	-752.99	630.90	580.68	50.23	12.561		
6,000.00	5,756.98	5,815.20	5,740.36	26.22	25.02	108.88	1,320.46	-746.49	641.40	590.78	50.63	12.669		
6,100.00	5,852.27	5,911.50	5,836.39	26.77	25.24	111.91	1,315.05	-741.88	653.63	602.69	50.94	12.831		
6,200.00	5,947.56	6,010.27	5,935.08	27.32	25.43	114.64	1,312.06	-739.33	666.97	615.76	51.20	13.026		
6,300.00	6,042.86	6,109.05	6,033.86	27.87	25.59	117.02	1,311.50	-738.85	680.90	629.45	51.44	13.236		
6,400.00	6,138.15	6,204.35	6,129.15	28.43	25.74	119.16	1,311.50	-738.85	695.72	644.06	51.65	13.469		
6,500.00	6,233.56	6,299.76	6,224.56	28.95	25.89	116.30	1,311.50	-738.85	711.03	659.21	51.82	13.721		
6,600.00	6,330.92	6,397.11	6,321.92	29.21	26.04	85.34	1,311.50	-738.85	716.53	664.69	51.84	13.821		
6,700.00	6,429.01	6,495.20	6,420.01	29.36	26.20	42.51	1,311.50	-738.85	707.72	655.86	51.86	13.646		
6,800.00	6,525.41	6,591.61	6,516.41	29.46	26.35	18.57	1,311.50	-738.85	684.46	632.57	51.88	13.192		
6,900.00	6,617.77	6,966.44	6,880.15	29.54	26.39	6.80	1,309.11	-811.49	637.44	588.20	49.24	12.944		
7,000.00	6,703.79	7,182.89	7,057.45	29.64	26.04	-19.89	1,305.07	-934.15	546.67	502.18	44.50	12.286		
7,100.00	6,781.37	7,218.03	7,082.40	29.81	25.98	-78.54	1,304.25	-958.88	448.53	404.49	44.04	10.185		
7,200.00	6,848.60	7,206.40	7,074.28	30.10	26.00	-110.76	1,304.53	-950.56	351.09	305.88	45.21	7.766		
7,300.00	6,903.80	7,176.77	7,052.98	30.55	26.05	-117.45	1,305.21	-929.98	257.70	210.17	47.53	5.422		
7,400.00	6,945.64	7,138.47	7,024.23	31.20	26.12	-113.26	1,306.04	-904.70	173.50	122.19	51.31	3.381		
7,500.00	6,973.08	7,095.39	6,990.31	32.08	26.20	-100.02	1,306.91	-878.15	114.17	59.09	55.08	2.073		
7,547.33	6,980.83	7,073.91	6,972.83	32.59	26.23	-90.55	1,307.32	-865.69	105.62	52.24	53.38	1.979	CC, ES, SF	
7,600.00	6,985.44	7,049.41	6,952.44	33.17	26.27	-78.20	1,307.77	-852.12	115.68	67.14	48.54	2.383		
7,700.00	6,987.78	7,005.48	6,914.75	34.47	26.34	-59.92	1,308.51	-829.56	171.56	127.97	43.59	3.936		
7,800.00	6,989.91	6,969.68	6,883.06	35.99	26.39	-48.78	1,309.06	-812.92	248.48	205.13	43.35	5.732		
7,900.00	6,992.03	6,940.17	6,856.35	37.71	26.42	-41.66	1,309.47	-800.40	333.60	289.56	44.04	7.575		
8,000.00	6,994.16	6,915.52	6,833.65	39.59	26.46	-36.87	1,309.79	-790.80	422.78	378.02	44.75	9.447		
8,100.00	6,996.29	6,900.00	6,819.19	41.62	26.47	-34.29	1,309.98	-785.15	514.42	469.02	45.40	11.331		
8,200.00	6,998.42	6,876.81	6,797.38	43.77	26.49	-30.97	1,310.24	-777.30	607.58	561.73	45.85	13.250		
8,300.00	7,000.55	6,861.38	6,782.72	46.02	26.49	-29.06	1,310.39	-772.47	701.95	655.69	46.26	15.175		
8,400.00	7,002.68	6,847.91	6,769.85	48.36	26.50	-27.55	1,310.52	-768.52	797.17	750.58	46.59	17.110		
8,500.00	7,004.81	6,836.07	6,758.47	50.77	26.51	-26.33	1,310.63	-765.24	893.07	846.20	46.87	19.056		
8,600.00	7,006.94	6,825.58	6,748.35	53.24	26.51	-25.33	1,310.72	-762.49	989.49	942.39	47.10	21.009		
8,700.00	7,009.07	6,800.00	6,723.50	55.77	26.53	-23.16	1,310.92	-756.42	1,086.66	1,039.35	47.30	22.971		
8,800.00	7,011.20	6,800.00	6,723.50	58.33	26.53	-23.16	1,310.92	-756.42	1,183.64	1,136.16	47.48	24.929		

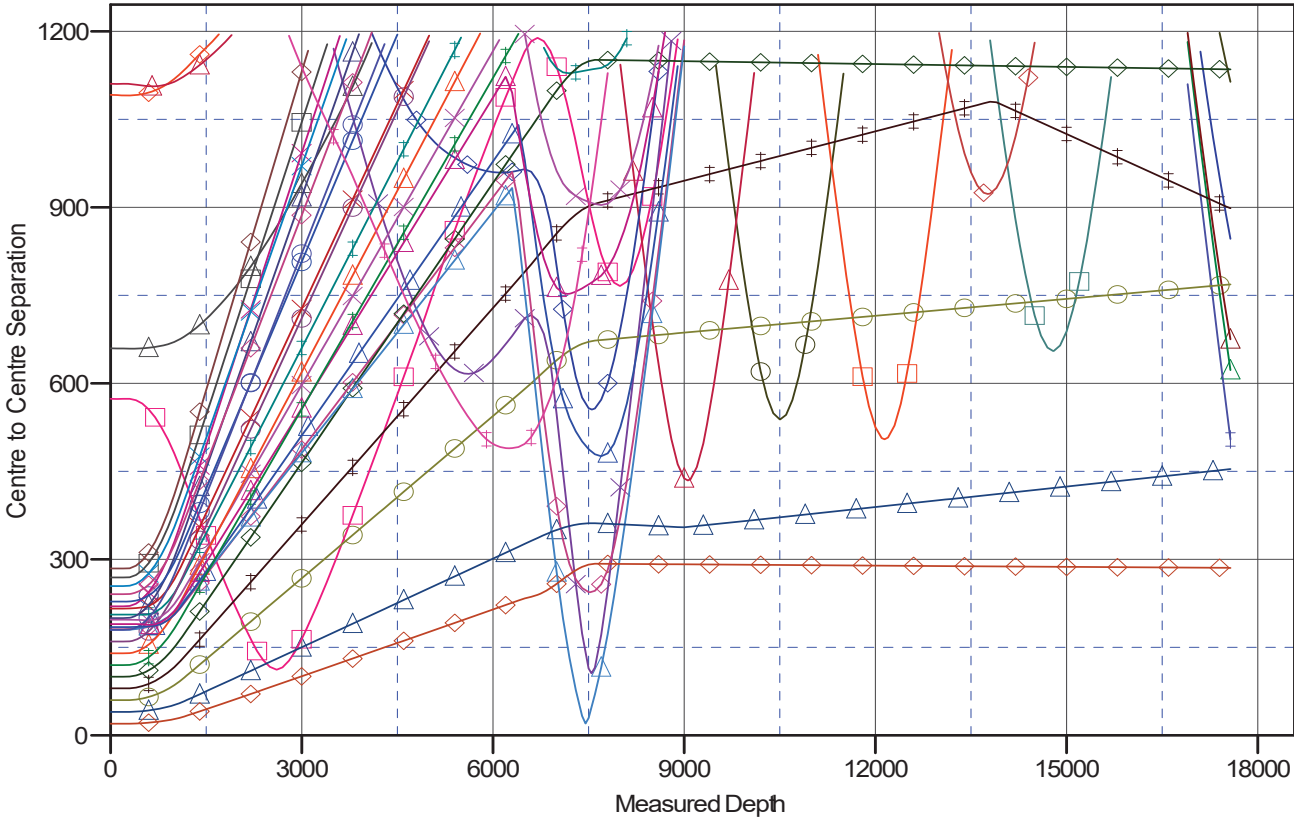
Offset Design5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys												Offset Site Error:	0.00 usft
Survey Program: 214-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical 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	
2,800.00	2,707.61	2,966.99	2,894.26	10.18	13.57	-68.11	-155.07	-1,556.81	1,192.66	1,169.81	22.84	52.212	
2,900.00	2,802.91	3,044.90	2,968.54	10.57	14.08	-68.20	-131.59	-1,556.33	1,165.51	1,141.82	23.68	49.210	
3,000.00	2,898.20	3,131.84	3,051.51	10.97	14.65	-68.28	-105.65	-1,556.89	1,139.57	1,114.98	24.58	46.352	
3,100.00	2,993.49	3,215.32	3,131.46	11.39	15.17	-68.40	-81.64	-1,557.74	1,114.49	1,089.02	25.47	43.757	
3,200.00	3,088.78	3,301.88	3,214.88	11.82	15.70	-68.61	-58.55	-1,558.79	1,090.59	1,064.23	26.36	41.374	
3,300.00	3,184.08	3,396.42	3,306.28	12.27	16.25	-68.90	-34.44	-1,559.95	1,067.30	1,040.03	27.27	39.136	
3,400.00	3,279.37	3,490.38	3,397.36	12.72	16.79	-69.26	-11.35	-1,560.65	1,044.12	1,015.94	28.17	37.059	
3,500.00	3,374.66	3,583.21	3,487.65	13.18	17.29	-69.70	10.19	-1,561.14	1,021.47	992.41	29.06	35.152	
3,600.00	3,469.95	3,675.59	3,577.88	13.65	17.78	-70.26	30.04	-1,560.97	999.20	969.27	29.92	33.390	
3,700.00	3,565.25	3,785.27	3,684.83	14.13	18.36	-70.91	54.29	-1,561.13	977.01	946.16	30.85	31.672	
3,800.00	3,660.54	3,904.34	3,799.78	14.62	19.07	-71.39	85.32	-1,561.91	953.28	921.41	31.87	29.911	
3,900.00	3,755.83	4,004.40	3,895.46	15.11	19.73	-71.63	114.58	-1,562.54	927.79	894.89	32.90	28.200	
4,000.00	3,851.13	4,098.55	3,985.38	15.61	20.36	-71.85	142.47	-1,563.14	902.12	868.20	33.92	26.596	
4,100.00	3,946.42	4,194.45	4,077.49	16.11	20.97	-72.19	169.17	-1,563.54	877.24	842.33	34.92	25.123	
4,200.00	4,041.71	4,294.64	4,173.72	16.62	21.61	-72.61	197.04	-1,563.06	851.69	815.77	35.92	23.712	
4,300.00	4,137.00	4,383.65	4,259.11	17.13	22.18	-72.95	222.19	-1,563.24	826.48	789.57	36.91	22.391	
4,400.00	4,232.30	4,483.60	4,355.23	17.64	22.81	-73.42	249.57	-1,563.40	801.77	763.86	37.91	21.148	
4,500.00	4,327.59	4,585.61	4,453.03	18.16	23.47	-73.86	278.56	-1,563.41	776.39	737.46	38.93	19.944	
4,600.00	4,422.88	4,675.77	4,539.49	18.68	24.06	-74.28	304.17	-1,563.56	751.21	711.27	39.93	18.811	
4,700.00	4,518.17	4,756.97	4,617.67	19.21	24.56	-74.73	326.06	-1,564.28	727.46	686.56	40.91	17.784	
4,800.00	4,613.47	4,858.73	4,716.09	19.74	25.17	-75.44	351.89	-1,565.28	704.80	662.93	41.87	16.834	
4,900.00	4,708.76	4,958.06	4,812.03	20.27	25.78	-76.17	377.63	-1,565.64	681.43	638.60	42.83	15.911	
5,000.00	4,804.05	5,048.42	4,899.13	20.80	26.33	-76.81	401.64	-1,566.55	658.27	614.49	43.79	15.034	
5,100.00	4,899.34	5,135.54	4,983.53	21.33	26.83	-77.55	423.17	-1,567.89	636.75	592.03	44.71	14.241	
5,200.00	4,994.64	5,225.73	5,071.44	21.87	27.32	-78.55	443.30	-1,569.10	616.72	571.14	45.58	13.531	
5,300.00	5,089.93	5,320.83	5,164.53	22.41	27.80	-79.84	462.73	-1,569.85	597.74	551.36	46.38	12.889	
5,400.00	5,185.22	5,417.32	5,259.12	22.95	28.27	-81.31	481.81	-1,570.00	579.06	531.94	47.12	12.289	
5,500.00	5,280.51	5,510.16	5,350.41	23.49	28.71	-82.98	498.66	-1,569.42	561.36	513.56	47.80	11.745	
5,600.00	5,375.81	5,603.72	5,442.61	24.04	29.12	-84.87	514.52	-1,568.61	544.88	496.49	48.39	11.259	
5,700.00	5,471.10	5,698.43	5,536.10	24.58	29.52	-86.98	529.64	-1,567.43	529.56	480.65	48.91	10.826	
5,800.00	5,566.39	5,788.56	5,625.20	25.13	29.88	-89.15	543.14	-1,566.46	515.89	466.53	49.36	10.451	
5,900.00	5,661.69	5,873.17	5,709.05	25.67	30.20	-91.31	554.46	-1,566.27	504.89	455.16	49.73	10.152	
6,000.00	5,756.98	5,960.97	5,796.30	26.22	30.48	-93.71	564.22	-1,566.56	497.03	447.03	49.99	9.942	
6,100.00	5,852.27	6,049.59	5,884.55	26.77	30.75	-96.28	572.39	-1,567.05	492.01	441.85	50.16	9.809	
6,200.00	5,947.56	6,138.85	5,973.54	27.32	31.00	-98.96	579.20	-1,567.87	489.78	439.53	50.25	9.747	
6,253.48	5,998.53	6,190.08	6,024.65	27.62	31.12	-100.53	582.62	-1,568.29	489.56	439.28	50.28	9.736 CC, ES, SF	
6,300.00	6,042.86	6,234.48	6,068.97	27.87	31.23	-101.93	585.43	-1,568.42	489.74	439.44	50.29	9.737	
6,400.00	6,138.15	6,324.87	6,159.22	28.43	31.43	-104.84	590.44	-1,568.15	491.68	441.43	50.25	9.784	
6,500.00	6,233.56	6,412.86	6,247.14	28.95	31.61	-112.87	593.75	-1,567.68	496.89	446.75	50.14	9.910	
6,600.00	6,330.92	6,503.04	6,337.30	29.21	31.77	-148.48	595.79	-1,567.57	508.56	458.50	50.06	10.159	
6,700.00	6,429.01	6,597.83	6,432.08	29.36	31.91	165.86	596.89	-1,567.79	526.30	475.97	50.33	10.457	
6,800.00	6,525.41	6,692.75	6,527.00	29.46	32.05	140.88	597.43	-1,567.70	548.80	497.87	50.93	10.776	
6,900.00	6,617.77	6,784.54	6,618.79	29.54	32.18	130.01	597.72	-1,567.37	576.13	524.30	51.83	11.115	
7,000.00	6,703.79	6,868.80	6,703.04	29.64	32.29	124.69	597.69	-1,566.88	609.42	556.43	52.99	11.501	
7,100.00	6,781.37	6,945.83	6,780.07	29.81	32.39	121.50	597.36	-1,566.28	649.87	595.55	54.32	11.963	
7,200.00	6,848.60	7,013.40	6,847.63	30.10	32.48	118.75	596.97	-1,565.66	698.26	642.54	55.72	12.531	
7,300.00	6,903.80	7,069.44	6,903.68	30.55	32.55	115.32	596.58	-1,565.08	754.90	697.84	57.06	13.230	
7,400.00	6,945.64	7,112.35	6,946.58	31.20	32.60	110.38	596.28	-1,564.61	819.37	761.13	58.25	14.067	
7,500.00	6,973.08	7,140.97	6,975.20	32.08	32.64	103.27	596.07	-1,564.28	890.56	831.33	59.22	15.038	
7,600.00	6,985.44	7,154.55	6,988.78	33.17	32.66	93.76	595.97	-1,564.12	966.70	906.74	59.96	16.122	
7,700.00	6,987.78	7,158.10	6,992.33	34.47	32.66	92.23	595.94	-1,564.08	1,046.31	985.81	60.50	17.294	
7,800.00	6,989.91	7,161.44	6,995.67	35.99	32.66	92.54	595.92	-1,564.04	1,129.15	1,068.24	60.90	18.540	

Coordinates are relative to: BOST FARM 26N-8B-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°

Ladder Plot















LEGEND

- [illegible]

Coordinates are relative to: BOST FARM 26N-8B-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°

	BOSTFARM31C-11-L, Wellbore #1, Design #1 V0
	BOSTFARM30N-11B-L, Wellbore #1, Design #1 V0
	BOSTFARM1N8A-L, Wellbore #1, Design #1 V0
	BOSTFARM1N8C-L, Wellbore #1, Design #1 V0
	BOSTFARM6C8-L, Wellbore #1, Design #1 V0
	BOSTFARM1N1A-L, Wellbore #1, Design #1 V0
	BOSTFARM6C6-8-L, Wellbore #1, Design #1 V0
	BOSTFARM6C1-L, Wellbore #1, Design #1 V0
	BOSTFARM6C1-L, Wellbore #1, Design #1 V0
	BOSTFARM1N1B-L, Wellbore #1, Design #1 V0
	BOSTFARM1N8B-L, Wellbore #1, Design #1 V0
	BOSTFARM6C2-11-L, Wellbore #1, Design #1 V0
	DETENNE1-12, Noble PRW eil, Actual Strata Surveyed