

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
5N-66W-07 BOST FARM 5-7 PAD
BOST FARM 41N-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	17,455.61	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	59.75	52.18	7.895	CC
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	17,452.49	17,495.28	579.30	-45.81	0.927	Level 1, ES, SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	200.00	200.00	79.78	72.21	10.541	CC
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	200.00	200.00	79.78	72.21	10.541	ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	17,446.84	17,598.00	903.33	280.90	1.451	Level 3, SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	200.00	200.00	99.83	92.26	13.189	CC
BOST FARM 26C-8-L - Wellbore #1 - Design #1	200.00	200.00	99.83	92.26	13.189	ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	17,455.61	17,714.65	1,141.12	524.45	1.850	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.836	CC, ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	300.00	298.78	120.12	112.47	15.698	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	200.00	203.00	216.27	208.70	28.571	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	400.00	396.40	219.78	212.01	28.266	SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	203.00	205.74	198.17	27.180	CC, ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	8,000.00	6,813.12	1,135.07	1,077.80	19.820	SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	200.00	203.00	181.15	173.58	23.931	CC
BOST FARM 31C-11-L - Wellbore #1 - Design #1	7,645.78	7,053.52	205.53	152.76	3.894	ES, SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	7,329.03	7,221.86	8.47	-44.43	0.160	Level 1, CC, ES, SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	203.00	181.10	173.53	23.925	CC
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	7,481.23	7,138.92	223.11	170.74	4.260	ES, SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	203.00	206.11	198.55	27.229	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	8,000.00	6,858.49	1,101.56	1,044.18	19.200	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	197.01	189.44	26.026	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	7,800.00	6,910.59	861.87	807.74	15.923	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	255.97	254.97	100.19	92.58	13.164	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	17,455.61	17,736.04	1,138.39	521.05	1.844	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	255.97	254.97	80.14	72.53	10.530	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	17,455.61	17,519.82	899.88	275.90	1.442	Level 3, 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	19.68	12.11	2.600	CC
BOST FARM 41C-8-L - Wellbore #1 - Design #1	17,455.61	17,639.12	288.19	-214.48	0.573	Level 1, ES, SF

Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation	Warning
Offset Well - Wellbore - Design			Between Centres (usft)	Between Ellipses (usft)	Factor	
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	254.74	254.74	20.03	12.42	2.632	CC
BOST FARM 41N-8A-L - Wellbore #1 - Design #1	17,455.61	17,328.67	252.10	-313.52	0.446	Level 1, ES, SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	200.00	200.00	39.71	32.14	5.247	CC
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	13,800.00	13,882.98	284.37	-112.06	0.717	Level 1, SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	17,455.61	17,528.95	456.87	-158.92	0.742	Level 1, ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	203.00	196.95	189.38	26.019	CC, ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	7,900.00	6,898.09	893.36	837.48	15.987	SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	203.00	184.44	176.87	24.366	CC, ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	7,700.00	7,009.21	454.61	401.31	8.530	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	203.00	189.61	182.04	25.049	CC, ES
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	7,200.00	7,355.49	593.96	540.14	11.037	SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	203.00	189.85	182.28	25.081	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	7,800.00	6,952.67	654.80	600.70	12.105	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	203.00	184.33	176.76	24.352	CC, ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	7,000.00	7,409.16	447.41	391.32	7.977	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	254.74	254.74	60.10	52.49	7.898	CC, ES
BOST FARM 8C-8-L - Wellbore #1 - Design #1	17,455.61	17,681.57	695.80	89.36	1.147	Level 2, SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	254.74	254.74	40.06	32.45	5.265	CC
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	17,455.61	17,539.49	452.54	-166.76	0.731	Level 1, ES, SF
BOST FARM 9C-8-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8B-L - Wellbore #1 - Design #1						Out of range
BOST FARM 9N-8C-L - Wellbore #1 - Design #1						Out of range
5N-66W-07 Offsets						
ARIEL J 7-11 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-12 - Noble Energy AB Well - Actual VES Surv						Out of range
ARIEL J 7-13 - SRC Energy SI Well - No Surveys						Out of range
ARIEL J 7-14 - Noble Energy SI Well - Actual VES Surve						Out of range
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	8,927.53	6,944.59	921.53	842.27	11.627	CC, ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	9,100.00	6,945.16	937.53	854.55	11.299	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	9,235.53	7,260.91	478.14	389.70	5.407	CC, ES
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	9,300.00	7,258.14	482.46	392.74	5.378	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	12,018.28	6,962.92	846.39	678.90	5.053	CC, ES
STEPHENS 7-11 - SRC Energy PR Well - Actual VES Su	12,100.00	6,960.68	850.32	681.13	5.026	SF
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,380.68	6,958.42	815.71	695.60	6.791	CC
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,400.00	6,957.65	815.94	695.29	6.763	ES
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,500.00	6,953.66	824.38	701.89	6.730	SF
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su	10,458.55	6,990.64	196.17	73.66	1.601	CC, ES, SF
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su	11,680.48	6,988.27	341.31	183.46	2.162	CC, ES
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su	11,700.00	6,988.66	341.87	183.69	2.161	SF
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su	11,292.03	7,048.85	126.08	-20.84	0.858	Level 1, CC, ES, SF
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	2,059.72	1,997.05	566.30	552.86	42.129	CC
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	7,861.76	6,967.09	592.51	539.74	11.228	ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	8,000.00	6,973.84	608.39	553.31	11.046	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	7,927.08	6,962.17	261.60	207.32	4.820	CC, ES, SF

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-08 Offsets Need HZ						
DRAKE 8-1 - St. James AB Well - No Surveys						Out of range
DRAKE 8-13H6 - SRC Energy PR Well - Actual VES Sur						Out of range
DRAKE 8-15H6 - Noble Energy PR Well - No Surveys						Out of range
DRAKE 8-2 - St. James AB Well - No Surveys						Out of range
MOEN 8-7H6 - SRC Energy SI Well - No Surveys	16,056.60	7,034.94	787.07	268.36	1.517	CC, ES
MOEN 8-7H6 - SRC Energy SI Well - No Surveys	16,100.00	7,035.88	788.26	268.66	1.517	SF
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve						Out of range
MOEN J 8-8 - SRC Energy SI Well - No Surveys	17,316.18	7,058.00	548.16	-8.54	0.985	Level 1, CC, ES, SF
MOEN J 8-9 - SRC Energy SI Well - No Surveys						Out of range
TC AIMS 1-9-11 - Extraction PR Well (Plan Only) - Plann	17,455.61	7,000.00	1,054.73	748.79	3.448	CC, ES, SF
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	17,455.61	7,066.84	1,152.82	830.49	3.577	CC, ES, SF
TC AIMS C5-9-11 - Extraction PR Well (Plan Only) - Plan						Out of range
TC COUNTRY CLUB WEST 1-9-11 - Extraction PR Well	17,455.61	7,100.00	821.46	548.70	3.012	CC, ES, SF
TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well	17,455.61	7,053.40	614.80	407.17	2.961	CC, ES, SF
TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well	17,455.61	7,070.47	507.41	424.28	6.104	CC, ES, SF
TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well	17,455.61	7,059.59	587.18	394.07	3.041	CC, ES, SF
TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well	17,455.61	7,025.23	791.57	518.43	2.898	CC, ES, SF
TC COUNTRY CLUB WEST A2-9-11 - Extraction PR We	17,455.61	7,077.95	537.51	393.31	3.728	CC, ES, SF
TC COUNTRY CLUB WEST C1-9-11 - Extraction PR We	17,455.61	7,145.79	886.07	586.73	2.960	CC, ES, SF
TC COUNTRY CLUB WEST C3-9-11 - Extraction PR We	17,455.61	7,100.00	613.75	351.36	2.339	CC, ES, SF
TC HILAND KNOLLS 1-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 2-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 3-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 4-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS C6-9-11 - Extraction PR Well (Plan						Out of range
TC HILAND KNOLLS C7-9-11 - Extraction PR Well (Plan						Out of range
TC MOISER HILL 2-9-11 - Extraction PR Well (Plan Only						Out of range
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only	17,455.61	7,100.00	1,072.56	773.32	3.584	CC, ES, SF
WHITE 8-1 - Extraction PR Well - No Surveys	13,632.76	7,044.87	429.45	-18.24	0.959	Level 1, CC, ES, SF
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,664.79	7,160.73	679.47	435.64	2.787	CC, ES
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,700.00	7,159.58	680.38	435.85	2.782	SF
WIEDEMAN 8-11H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-12H6 - Noble Energy SI Well - Actual VES						Out of range
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S	13,403.55	7,001.76	607.06	398.76	2.914	CC, ES, SF
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES	14,658.09	7,015.36	779.76	534.52	3.180	CC, ES
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES	14,700.00	7,014.35	780.91	534.76	3.173	SF
5N-66W-09 Offsets Incomplete						
MCCLOSKEY 11-10 - Extraction SI Well - Actual BHI Su						Out of range
5N-66W-18 Offsets Incomplete						
LUNDVALL J 17-30D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-27D - Noble Energy PR Well - Actual VE						Out of range
LUNDVALL J 18-28D - Noble Energy PR Well - Actual VE						Out of range
5N-67W-01 Offsets Incomplete						
Greeley-Rothe 1-8H - SRC Energy Planned Well - Plann						Out of range
Greeley-Rothe 1-9H - SRC Energy Planned Well - Plann						Out of range
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range
5N-67W-02 Offsets Incomplete						
Aufrecht N 2-16 - SRC Energy PR Well - No Surveys						Out of range
RUDOLPH 2-33 - PDC Energy PR Well - No Surveys						Out of range
5N-67W-10 Offsets Incomplete						
High Pointe LLC 10G-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10G-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-232 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-302 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10H-312 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-202 - Kerr McGee Planned Well - P						Out of range
High Pointe LLC 10I-312 - Kerr McGee Planned Well - P						Out of range

Summary

Site Name	Reference	Offset	Distance		Separation	Warning				
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)						
Offset Well - Wellbore - Design										
5N-67W-11 Offsets Need Directional Surveys										
ARTIST 11-12 - SRC Energy SI Well - No Surveys						Out of range				
SKYWAY 18-11 - Noble Energy PR Well - Actual Strata S						Out of range				
SKYWAY 22-11 - Noble Energy PR Well - Actual Strata S						Out of range				
SKYWAY 3-11 Approximation - Noble Energy PR Well - *						Out of range				
SKYWAY 4-11 - Noble Energy PR Well - No Surveys						Out of range				
SKYWAY 5-11 - Noble Energy PR Well - No Surveys						Out of range				
SKYWAY 6-11 Planned Svys *Need Actuals - Noble Ene						Out of range				
Skyway Federal 31-11 - Noble Energy PR Well - Actual S						Out of range				
SWAFFORD 11-11 - SRC Energy PR Well - No Surveys						Out of range				
UPRR 49 PAN AM B 1 - SRC Energy PR Well - No Surve						Out of range				
5N-67W-12 Offsets										
BORESEN 1 - Noble Energy PR Well - No Surveys					6,525.94	6,339.96	611.01	363.50	2.469	CC
BORESEN 1 - Noble Energy PR Well - No Surveys					6,600.00	6,413.70	611.96	361.80	2.446	ES
BORESEN 1 - Noble Energy PR Well - No Surveys					6,700.00	6,511.14	616.67	363.14	2.432	SF
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys					4,804.42	4,685.23	719.45	683.71	20.129	CC
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys					4,900.00	4,782.70	719.77	683.36	19.772	ES
DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys					6,700.00	6,690.13	773.30	727.53	16.895	SF
DETIENNE 17-12 - Noble Energy PR Well - Actual Strata					6,506.27	6,436.61	857.75	818.01	21.585	CC, ES, SF
DETIENNE 24-12 - Noble Energy PR Well - Actual Strata										Out of range
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energ										Out of range
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energ										Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima										Out of range

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	0.53	59.75	0.56	59.75				
100.00	100.00	100.00	100.00	3.28	3.28	0.53	59.75	0.56	59.75	52.22	7.53	7.938	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	59.75	0.56	59.75	52.18	7.57	7.895	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	59.75	0.56	59.75	52.18	7.57	7.895	CC
300.00	300.00	299.64	299.64	3.34	3.34	91.86	59.90	0.15	59.91	52.26	7.65	7.830	
400.00	399.93	398.92	398.85	3.41	3.41	92.05	61.11	-3.07	61.22	53.44	7.77	7.875	
500.00	499.68	498.16	497.85	3.49	3.49	92.41	63.53	-9.50	63.82	55.88	7.94	8.036	
600.00	599.13	597.33	596.48	3.60	3.61	92.88	67.15	-19.13	67.72	59.56	8.16	8.296	
700.00	698.15	696.42	694.62	3.75	3.75	93.43	71.96	-31.94	72.92	64.48	8.45	8.633	
800.00	796.63	795.40	792.11	3.93	3.92	94.01	77.96	-47.89	79.42	70.62	8.81	9.020	
900.00	894.44	894.25	888.83	4.16	4.14	94.57	85.13	-66.97	87.21	77.96	9.25	9.428	
1,000.00	991.57	1,012.15	984.56	4.44	4.47	94.94	93.44	-89.08	96.24	86.39	9.85	9.772	
1,100.00	1,088.60	1,107.62	1,080.67	4.75	4.79	94.48	102.53	-113.27	105.89	95.43	10.47	10.116	
1,200.00	1,185.63	1,208.09	1,176.79	5.10	5.14	94.10	111.63	-137.46	115.55	104.39	11.16	10.355	
1,300.00	1,282.66	1,308.56	1,272.91	5.46	5.53	93.78	120.72	-161.65	125.21	113.32	11.90	10.525	
1,400.00	1,379.69	1,409.03	1,369.02	5.85	5.93	93.50	129.81	-185.84	134.88	122.21	12.67	10.645	
1,500.00	1,476.72	1,509.50	1,465.14	6.25	6.35	93.26	138.91	-210.04	144.55	131.07	13.48	10.727	
1,600.00	1,573.75	1,609.97	1,561.25	6.66	6.78	93.05	148.00	-234.23	154.22	139.91	14.30	10.781	
1,700.00	1,670.78	1,689.56	1,657.37	7.08	7.13	92.87	157.09	-258.42	163.89	148.82	15.06	10.880	
1,800.00	1,767.81	1,789.09	1,753.49	7.31	7.39	92.70	166.18	-282.61	173.56	158.38	15.18	11.435	
1,900.00	1,864.84	1,888.62	1,849.60	7.38	7.49	92.55	175.28	-306.80	183.23	167.90	15.33	11.949	
2,000.00	1,961.87	1,988.15	1,945.72	7.48	7.59	92.42	184.37	-330.99	192.91	177.38	15.53	12.419	
2,100.00	2,058.90	2,087.68	2,041.83	7.61	7.73	92.30	193.46	-355.19	202.59	186.79	15.79	12.827	
2,200.00	2,155.92	2,187.21	2,137.95	7.77	7.90	92.19	202.56	-379.38	212.26	196.15	16.11	13.175	
2,300.00	2,252.95	2,286.74	2,234.07	7.96	8.09	92.09	211.65	-403.57	221.94	205.46	16.48	13.464	
2,400.00	2,349.98	2,386.27	2,330.18	8.17	8.31	92.00	220.74	-427.76	231.62	214.71	16.91	13.699	
2,500.00	2,447.01	2,485.80	2,426.30	8.41	8.56	91.92	229.84	-451.95	241.30	223.92	17.38	13.886	
2,600.00	2,544.04	2,585.33	2,522.41	8.66	8.83	91.84	238.93	-476.14	250.98	233.09	17.89	14.028	
2,700.00	2,641.07	2,684.86	2,618.53	8.94	9.12	91.77	248.02	-500.34	260.66	242.21	18.44	14.132	
2,800.00	2,738.10	2,784.39	2,714.65	9.23	9.43	91.70	257.12	-524.53	270.34	251.30	19.03	14.204	
2,900.00	2,835.13	2,883.92	2,810.76	9.54	9.75	91.64	266.21	-548.72	280.02	260.36	19.65	14.247	

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
3,000.00	2,932.16	2,983.45	2,906.88	9.86	10.09	91.58	275.30	-572.91	289.70	269.39	20.31	14.267	
3,100.00	3,029.19	3,082.98	3,002.99	10.20	10.44	91.53	284.39	-597.10	299.38	278.40	20.98	14.268	
3,200.00	3,126.22	3,182.51	3,099.11	10.55	10.81	91.48	293.49	-621.29	309.06	287.38	21.68	14.253	
3,300.00	3,223.25	3,282.04	3,195.23	10.91	11.19	91.43	302.58	-645.49	318.74	296.34	22.41	14.225	
3,400.00	3,320.28	3,381.57	3,291.34	11.28	11.57	91.39	311.67	-669.68	328.43	305.28	23.15	14.187	
3,500.00	3,417.31	3,481.10	3,387.46	11.66	11.97	91.35	320.77	-693.87	338.11	314.20	23.91	14.140	
3,600.00	3,514.34	3,580.63	3,483.57	12.05	12.37	91.31	329.86	-718.06	347.79	323.10	24.69	14.088	
3,700.00	3,611.37	3,680.16	3,579.69	12.44	12.78	91.27	338.95	-742.25	357.47	331.99	25.48	14.030	
3,800.00	3,708.40	3,779.69	3,675.80	12.84	13.20	91.23	348.05	-766.44	367.15	340.87	26.28	13.969	
3,900.00	3,805.43	3,879.22	3,771.92	13.25	13.63	91.20	357.14	-790.64	376.84	349.74	27.10	13.905	
4,000.00	3,902.46	3,978.75	3,868.04	13.66	14.06	91.17	366.23	-814.83	386.52	358.59	27.93	13.840	
4,100.00	3,999.49	4,078.28	3,964.15	14.08	14.49	91.14	375.32	-839.02	396.20	367.44	28.76	13.774	
4,200.00	4,096.52	4,177.81	4,060.27	14.50	14.93	91.11	384.42	-863.21	405.89	376.27	29.61	13.707	
4,300.00	4,193.55	4,277.34	4,156.38	14.92	15.38	91.08	393.51	-887.40	415.57	385.10	30.47	13.640	
4,400.00	4,290.58	4,376.87	4,252.50	15.35	15.82	91.05	402.60	-911.59	425.25	393.92	31.33	13.574	
4,500.00	4,387.61	4,476.40	4,348.62	15.78	16.28	91.03	411.70	-935.79	434.93	402.74	32.20	13.508	
4,600.00	4,484.63	4,575.93	4,444.73	16.22	16.73	91.00	420.79	-959.98	444.62	411.54	33.07	13.443	
4,700.00	4,581.66	4,675.46	4,540.85	16.66	17.19	90.98	429.88	-984.17	454.30	420.34	33.96	13.379	
4,800.00	4,678.69	4,774.99	4,636.96	17.10	17.65	90.96	438.98	-1,008.36	463.98	429.14	34.84	13.316	
4,900.00	4,775.72	4,874.52	4,733.08	17.55	18.11	90.94	448.07	-1,032.55	473.67	437.93	35.74	13.254	
5,000.00	4,872.75	4,974.05	4,829.20	17.99	18.58	90.92	457.16	-1,056.74	483.35	446.72	36.63	13.194	
5,100.00	4,969.78	5,073.58	4,925.31	18.44	19.04	90.90	466.26	-1,080.94	493.04	455.50	37.54	13.135	
5,200.00	5,066.81	5,173.11	5,021.43	18.89	19.51	90.88	475.35	-1,105.13	502.72	464.28	38.44	13.078	
5,300.00	5,163.84	5,272.64	5,117.54	19.35	19.98	90.86	484.44	-1,129.32	512.40	473.05	39.35	13.021	
5,400.00	5,260.87	5,372.17	5,213.66	19.80	20.46	90.84	493.53	-1,153.51	522.09	481.82	40.26	12.967	
5,500.00	5,357.90	5,471.70	5,309.78	20.26	20.93	90.82	502.63	-1,177.70	531.77	490.59	41.18	12.913	
5,600.00	5,454.93	5,571.23	5,405.89	20.71	21.41	90.81	511.72	-1,201.89	541.45	499.36	42.10	12.861	
5,700.00	5,551.96	5,670.76	5,502.01	21.17	21.89	90.79	520.81	-1,226.08	551.14	508.12	43.02	12.811	
5,800.00	5,648.99	5,770.28	5,598.12	21.63	22.37	90.78	529.91	-1,250.28	560.82	516.88	43.95	12.762	
5,900.00	5,746.02	5,869.81	5,694.24	22.09	22.85	90.76	539.00	-1,274.47	570.51	525.63	44.87	12.714	
6,000.00	5,843.05	5,969.34	5,790.36	22.56	23.33	90.75	548.09	-1,298.66	580.19	534.39	45.80	12.667	
6,100.00	5,940.08	6,068.87	5,886.47	23.02	23.81	90.73	557.19	-1,322.85	589.87	543.14	46.73	12.622	
6,200.00	6,037.11	6,168.40	5,982.59	23.49	24.29	90.72	566.28	-1,347.04	599.56	551.89	47.67	12.578	
6,300.00	6,134.14	6,267.93	6,078.70	23.95	24.78	90.71	575.37	-1,371.23	609.24	560.64	48.60	12.535	
6,400.00	6,231.54	6,367.42	6,174.78	24.36	25.26	91.55	584.46	-1,395.41	618.95	569.48	49.47	12.511	
6,500.00	6,331.02	6,467.58	6,272.69	24.51	25.55	113.56	593.64	-1,413.91	628.79	578.92	49.86	12.611	
6,600.00	6,430.70	6,569.37	6,373.91	24.59	25.70	-92.80	602.89	-1,416.81	638.58	588.53	50.05	12.759	
6,700.00	6,528.14	6,672.79	6,475.91	24.65	25.78	-91.52	611.99	-1,403.15	648.08	597.91	50.17	12.918	
6,800.00	6,620.94	6,777.86	6,575.90	24.74	25.86	-91.09	620.66	-1,372.51	657.02	606.68	50.33	13.054	
6,900.00	6,706.80	6,884.52	6,670.91	24.91	25.99	-90.84	628.65	-1,324.97	665.14	614.49	50.65	13.131	
7,000.00	6,783.62	6,992.64	6,757.80	25.23	26.24	-90.66	635.66	-1,261.24	672.22	620.95	51.27	13.112	
7,100.00	6,849.51	7,102.02	6,833.53	25.75	26.69	-90.51	641.45	-1,182.72	678.03	625.71	52.31	12.961	
7,200.00	6,902.84	7,212.37	6,895.27	26.52	27.41	-90.37	645.79	-1,091.52	682.40	628.48	53.92	12.656	
7,300.00	6,942.30	7,323.34	6,940.63	27.55	28.46	-90.24	648.50	-990.43	685.19	629.06	56.13	12.208	
7,400.00	6,966.92	7,434.54	6,967.89	28.83	29.81	-90.11	649.46	-882.77	686.32	627.44	58.88	11.655	
7,500.00	6,976.11	7,543.37	6,976.45	30.30	31.37	-90.02	648.72	-774.39	685.80	623.78	62.02	11.058	
7,600.00	6,978.26	7,643.37	6,978.68	31.95	33.01	-90.02	647.51	-674.43	684.73	619.38	65.35	10.478	
7,700.00	6,980.41	7,743.36	6,980.91	33.78	34.82	-90.03	646.31	-574.47	683.66	614.64	69.03	9.905	
7,800.00	6,982.56	7,843.35	6,983.13	35.76	36.78	-90.04	645.10	-474.51	682.59	609.59	73.00	9.351	
7,900.00	6,984.70	7,943.35	6,985.36	37.87	38.87	-90.04	643.90	-374.55	681.52	604.30	77.22	8.825	
8,000.00	6,986.85	8,043.34	6,987.59	40.08	41.08	-90.05	642.69	-274.58	680.45	598.78	81.66	8.332	
8,100.00	6,989.00	8,143.34	6,989.82	42.39	43.37	-90.06	641.49	-174.62	679.38	593.09	86.28	7.874	
8,200.00	6,991.15	8,243.33	6,992.05	44.78	45.75	-90.06	640.28	-74.66	678.31	587.25	91.06	7.449	
8,300.00	6,993.30	8,343.33	6,994.27	47.23	48.19	-90.07	639.08	25.30	677.24	581.28	95.96	7.057	
8,400.00	6,995.45	8,443.32	6,996.50	49.74	50.69	-90.08	637.88	125.27	676.17	575.19	100.97	6.696	
8,500.00	6,997.60	8,543.31	6,998.73	52.29	53.24	-90.08	636.67	225.23	675.10	569.01	106.08	6.364	
8,600.00	6,999.74	8,643.31	7,000.96	54.89	55.83	-90.09	635.47	325.19	674.03	562.75	111.27	6.057	
8,700.00	7,001.89	8,743.30	7,003.19	57.52	58.46	-90.10	634.26	425.15	672.96	556.42	116.53	5.775	
8,800.00	7,004.04	8,843.30	7,005.41	60.18	61.12	-90.10	633.06	525.11	671.88	550.03	121.86	5.514	
8,900.00	7,006.19	8,943.29	7,007.64	62.87	63.80	-90.11	631.85	625.08	670.81	543.58	127.23	5.272	
9,000.00	7,008.34	9,043.29	7,009.87	65.58	66.51	-90.12	630.65	725.04	669.74	537.09	132.66	5.049	
9,100.00	7,010.49	9,143.28	7,012.10	68.32	69.24	-90.13	629.44	825.00	668.67	530.55	138.12	4.841	
9,200.00	7,012.63	9,243.27	7,014.33	71.07	71.99	-90.13	628.24	924.96	667.60	523.98	143.63	4.648	
9,300.00	7,014.78	9,343.27	7,016.55	73.84	74.76	-90.14	627.03	1,024.92	666.53	517.37	149.16	4.469	
9,400.00	7,016.93	9,443.26	7,018.78	76.62	77.54	-90.15	625.83	1,124.89	665.46	510.74	154.73	4.301	
9,500.00	7,019.08	9,543.26	7,021.01	79.42	80.33	-90.15	624.62	1,224.85	664.39	504.07	160.32	4.144	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,600.00	7,021.23	9,643.25	7,023.24	82.22	83.14	-90.16	623.42	1,324.81	663.32	497.39	165.93	3.998	
9,700.00	7,023.38	9,743.25	7,025.47	85.04	85.96	-90.17	622.21	1,424.77	662.25	490.68	171.57	3.860	
9,800.00	7,025.52	9,843.24	7,027.69	87.87	88.78	-90.17	621.01	1,524.74	661.18	483.96	177.22	3.731	
9,900.00	7,027.67	9,943.23	7,029.92	90.71	91.62	-90.18	619.81	1,624.70	660.11	477.22	182.89	3.609	
10,000.00	7,029.82	10,043.23	7,032.15	93.55	94.46	-90.19	618.60	1,724.66	659.04	470.46	188.58	3.495	
10,100.00	7,031.97	10,143.22	7,034.38	96.40	97.31	-90.20	617.40	1,824.62	657.97	463.69	194.28	3.387	
10,200.00	7,034.12	10,243.22	7,036.61	99.26	100.17	-90.20	616.19	1,924.58	656.90	456.90	200.00	3.285	
10,300.00	7,036.27	10,343.21	7,038.83	102.13	103.04	-90.21	614.99	2,024.55	655.83	450.10	205.73	3.188	
10,400.00	7,038.42	10,443.20	7,041.06	104.99	105.90	-90.22	613.78	2,124.51	654.76	443.29	211.46	3.096	
10,500.00	7,040.56	10,543.20	7,043.29	107.87	108.78	-90.23	612.58	2,224.47	653.69	436.47	217.21	3.009	
10,600.00	7,042.71	10,643.19	7,045.52	110.75	111.66	-90.23	611.37	2,324.43	652.62	429.65	222.97	2.927	
10,700.00	7,044.86	10,743.19	7,047.75	113.63	114.54	-90.24	610.17	2,424.39	651.55	422.81	228.74	2.848	
10,800.00	7,047.01	10,843.18	7,049.97	116.52	117.43	-90.25	608.96	2,524.36	650.48	415.96	234.51	2.774	
10,900.00	7,049.16	10,943.18	7,052.20	119.41	120.32	-90.26	607.76	2,624.32	649.41	409.11	240.30	2.703	
11,000.00	7,051.31	11,043.17	7,054.43	122.30	123.22	-90.26	606.55	2,724.28	648.34	402.25	246.08	2.635	
11,100.00	7,053.45	11,143.16	7,056.66	125.20	126.12	-90.27	605.35	2,824.24	647.27	395.39	251.88	2.570	
11,200.00	7,055.60	11,243.16	7,058.89	128.10	129.02	-90.28	604.15	2,924.21	646.20	388.51	257.68	2.508	
11,300.00	7,057.75	11,343.15	7,061.11	131.01	131.92	-90.29	602.94	3,024.17	645.13	381.64	263.49	2.448	
11,400.00	7,059.90	11,443.15	7,063.34	133.91	134.83	-90.29	601.74	3,124.13	644.06	374.75	269.30	2.392	
11,500.00	7,062.05	11,543.14	7,065.57	136.82	137.74	-90.30	600.53	3,224.09	642.98	367.87	275.12	2.337	
11,600.00	7,064.20	11,643.14	7,067.80	139.73	140.65	-90.31	599.33	3,324.05	641.91	360.97	280.94	2.285	
11,700.00	7,066.34	11,743.13	7,070.03	142.65	143.56	-90.32	598.12	3,424.02	640.84	354.08	286.77	2.235	
11,800.00	7,068.49	11,843.12	7,072.25	145.56	146.48	-90.32	596.92	3,523.98	639.77	347.18	292.60	2.187	
11,900.00	7,070.64	11,943.12	7,074.48	148.48	149.40	-90.33	595.71	3,623.94	638.70	340.27	298.43	2.140	
12,000.00	7,072.79	12,043.11	7,076.71	151.40	152.32	-90.34	594.51	3,723.90	637.63	333.36	304.27	2.096	
12,100.00	7,074.94	12,143.11	7,078.94	154.32	155.24	-90.35	593.30	3,823.86	636.56	326.45	310.11	2.053	
12,200.00	7,077.09	12,243.10	7,081.17	157.24	158.16	-90.35	592.10	3,923.83	635.49	319.54	315.96	2.011	
12,300.00	7,079.24	12,343.10	7,083.39	160.16	161.09	-90.36	590.89	4,023.79	634.42	312.62	321.80	1.971	
12,400.00	7,081.38	12,443.09	7,085.62	163.09	164.02	-90.37	589.69	4,123.75	633.35	305.70	327.65	1.933	
12,500.00	7,083.53	12,543.08	7,087.85	166.01	166.94	-90.38	588.48	4,223.71	632.28	298.78	333.51	1.896	
12,600.00	7,085.68	12,643.08	7,090.08	168.94	169.87	-90.39	587.28	4,323.68	631.21	291.85	339.36	1.860	
12,700.00	7,087.83	12,743.07	7,092.31	171.87	172.80	-90.39	586.08	4,423.64	630.14	284.92	345.22	1.825	
12,800.00	7,089.98	12,843.07	7,094.54	174.80	175.73	-90.40	584.87	4,523.60	629.07	277.99	351.08	1.792	
12,900.00	7,092.13	12,943.06	7,096.76	177.73	178.67	-90.41	583.67	4,623.56	628.00	271.06	356.95	1.759	
13,000.00	7,094.27	13,043.05	7,098.99	180.66	181.60	-90.42	582.46	4,723.52	626.93	264.12	362.81	1.728	
13,100.00	7,096.42	13,143.05	7,101.22	183.60	184.54	-90.43	581.26	4,823.49	625.86	257.19	368.68	1.698	
13,200.00	7,098.57	13,243.04	7,103.45	186.53	187.47	-90.43	580.05	4,923.45	624.79	250.25	374.55	1.668	
13,300.00	7,100.72	13,343.04	7,105.68	189.47	190.41	-90.44	578.85	5,023.41	623.72	243.31	380.42	1.640	
13,400.00	7,102.87	13,443.03	7,107.90	192.40	193.35	-90.45	577.64	5,123.37	622.65	236.36	386.29	1.612	
13,500.00	7,105.02	13,543.03	7,110.13	195.34	196.28	-90.46	576.44	5,223.34	621.58	229.42	392.16	1.585	
13,600.00	7,107.17	13,643.02	7,112.36	198.28	199.22	-90.47	575.23	5,323.30	620.51	222.48	398.04	1.559	
13,700.00	7,109.31	13,743.01	7,114.59	201.21	202.16	-90.47	574.03	5,423.26	619.44	215.53	403.91	1.534	
13,800.00	7,111.46	13,843.01	7,116.82	204.15	205.10	-90.48	572.82	5,523.22	618.37	208.58	409.79	1.509	
13,900.00	7,113.61	13,943.00	7,119.04	207.09	208.05	-90.49	571.62	5,623.18	617.30	201.63	415.67	1.485 Level 3	
14,000.00	7,115.76	14,043.00	7,121.27	210.03	210.99	-90.50	570.42	5,723.15	616.23	194.68	421.55	1.462 Level 3	
14,100.00	7,117.91	14,142.99	7,123.50	212.97	213.93	-90.51	569.21	5,823.11	615.16	187.73	427.44	1.439 Level 3	
14,200.00	7,120.06	14,242.99	7,125.73	215.91	216.87	-90.52	568.01	5,923.07	614.09	180.77	433.32	1.417 Level 3	
14,300.00	7,122.20	14,342.98	7,127.96	218.86	219.82	-90.52	566.80	6,023.03	613.02	173.82	439.20	1.396 Level 3	
14,400.00	7,124.35	14,442.97	7,130.18	221.80	222.76	-90.53	565.60	6,122.99	611.95	166.86	445.09	1.375 Level 3	
14,500.00	7,126.50	14,542.97	7,132.41	224.74	225.71	-90.54	564.39	6,222.96	610.88	159.91	450.98	1.355 Level 3	
14,600.00	7,128.65	14,642.96	7,134.64	227.69	228.65	-90.55	563.19	6,322.92	609.81	152.95	456.86	1.335 Level 3	
14,700.00	7,130.80	14,742.96	7,136.87	230.63	231.60	-90.56	561.98	6,422.88	608.74	145.99	462.75	1.315 Level 3	
14,800.00	7,132.95	14,842.95	7,139.10	233.57	234.55	-90.57	560.78	6,522.84	607.67	139.03	468.64	1.297 Level 3	
14,900.00	7,135.09	14,942.95	7,141.32	236.52	237.49	-90.58	559.57	6,622.81	606.60	132.07	474.53	1.278 Level 3	
15,000.00	7,137.24	15,042.94	7,143.55	239.46	240.44	-90.58	558.37	6,722.77	605.53	125.11	480.43	1.260 Level 3	
15,100.00	7,139.39	15,142.93	7,145.78	242.41	243.39	-90.59	557.16	6,822.73	604.46	118.15	486.32	1.243 Level 2	
15,200.00	7,141.54	15,242.93	7,148.01	245.36	246.34	-90.60	555.96	6,922.69	603.40	111.18	492.21	1.226 Level 2	
15,300.00	7,143.69	15,342.92	7,150.24	248.30	249.29	-90.61	554.75	7,022.65	602.33	104.22	498.11	1.209 Level 2	
15,400.00	7,145.84	15,442.92	7,152.46	251.25	252.24	-90.62	553.55	7,122.62	601.26	97.26	504.00	1.193 Level 2	
15,500.00	7,147.99	15,542.91	7,154.69	254.20	255.19	-90.63	552.35	7,222.58	600.19	90.29	509.90	1.177 Level 2	
15,600.00	7,150.13	15,642.91	7,156.92	257.15	258.14	-90.64	551.14	7,322.54	599.12	83.33	515.79	1.162 Level 2	
15,700.00	7,152.28	15,742.90	7,159.15	260.09	261.09	-90.64	549.94	7,422.50	598.05	76.36	521.69	1.146 Level 2	
15,800.00	7,154.43	15,842.89	7,161.38	263.04	264.04	-90.65	548.73	7,522.46	596.98	69.39	527.59	1.132 Level 2	
15,900.00	7,156.58	15,942.89	7,163.60	265.99	266.99	-90.66	547.53	7,622.43	595.91	62.42	533.48	1.117 Level 2	
16,000.00	7,158.73	16,042.88	7,165.83	268.94	269.94	-90.67	546.32	7,722.39	594.84	55.46	539.38	1.103 Level 2	
16,100.00	7,160.88	16,142.88	7,168.06	271.89	272.89	-90.68	545.12	7,822.35	593.77	48.49	545.28	1.089 Level 2	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,200.00	7,163.02	16,242.87	7,170.29	274.84	275.84	-90.69	543.91	7,922.31	592.70	41.52	551.18	1.075	Level 2	
16,300.00	7,165.17	16,342.86	7,172.52	277.79	278.80	-90.70	542.71	8,022.28	591.63	34.55	557.08	1.062	Level 2	
16,400.00	7,167.32	16,442.86	7,174.74	280.74	281.75	-90.71	541.50	8,122.24	590.56	27.58	562.98	1.049	Level 2	
16,500.00	7,169.47	16,542.85	7,176.97	283.69	284.70	-90.72	540.30	8,222.20	589.49	20.61	568.88	1.036	Level 2	
16,600.00	7,171.62	16,642.85	7,179.20	286.64	287.65	-90.73	539.09	8,322.16	588.42	13.64	574.78	1.024	Level 2	
16,700.00	7,173.77	16,742.84	7,181.43	289.59	290.61	-90.73	537.89	8,422.12	587.35	6.66	580.69	1.011	Level 2	
16,800.00	7,175.91	16,842.84	7,183.66	292.54	293.56	-90.74	536.69	8,522.09	586.28	-0.31	586.59	0.999	Level 1	
16,900.00	7,178.06	16,942.83	7,185.88	295.50	296.52	-90.75	535.48	8,622.05	585.21	-7.28	592.49	0.988	Level 1	
17,000.00	7,180.21	17,042.82	7,188.11	298.45	299.47	-90.76	534.28	8,722.01	584.14	-14.25	598.40	0.976	Level 1	
17,100.00	7,182.36	17,142.82	7,190.34	301.40	302.42	-90.77	533.07	8,821.97	583.07	-21.23	604.30	0.965	Level 1	
17,200.00	7,184.51	17,242.81	7,192.57	304.35	305.38	-90.78	531.87	8,921.93	582.00	-28.20	610.20	0.954	Level 1	
17,300.00	7,186.66	17,342.81	7,194.80	307.30	308.33	-90.79	530.66	9,021.90	580.93	-35.18	616.11	0.943	Level 1	
17,400.00	7,188.81	17,442.80	7,197.02	310.26	311.29	-90.80	529.46	9,121.86	579.86	-42.15	622.01	0.932	Level 1	
17,452.49	7,189.93	17,495.28	7,198.19	311.81	312.84	-90.80	528.82	9,174.32	579.30	-45.81	625.11	0.927	Level 1, ES, SF	
17,455.61	7,190.00	17,486.62	7,198.00	311.90	312.58	-90.80	528.93	9,165.66	579.39	-45.51	624.90	0.927	Level 1	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	0.40	79.78	0.56	79.78				
100.00	100.00	100.00	100.00	3.28	3.28	0.40	79.78	0.56	79.78	72.26	7.53	10.599	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	79.78	0.56	79.78	72.21	7.57	10.541	CC
200.00	200.00	200.00	200.00	3.30	3.30	0.40	79.78	0.56	79.78	72.21	7.57	10.541	ES
300.00	300.00	299.34	299.34	3.34	3.34	91.74	79.99	0.19	80.00	72.35	7.65	10.455	
400.00	399.93	397.99	397.93	3.41	3.41	92.02	81.64	-2.78	81.76	73.99	7.77	10.519	
500.00	499.68	496.58	496.27	3.49	3.49	92.56	84.94	-8.71	85.28	77.34	7.94	10.741	
600.00	599.13	595.04	594.21	3.60	3.61	93.28	89.87	-17.58	90.57	82.41	8.16	11.101	
700.00	698.15	693.35	691.58	3.75	3.74	94.11	96.43	-29.36	97.63	89.19	8.44	11.570	
800.00	796.63	791.44	788.22	3.93	3.92	94.98	104.59	-44.02	106.47	97.68	8.79	12.113	
900.00	894.44	889.29	883.99	4.16	4.13	95.82	114.33	-61.51	117.07	107.84	9.22	12.692	
1,000.00	991.57	986.85	978.75	4.44	4.39	96.55	125.61	-81.79	129.38	119.63	9.75	13.270	
1,100.00	1,088.60	1,084.87	1,073.18	4.75	4.71	96.28	138.40	-104.75	142.96	132.60	10.36	13.802	
1,200.00	1,185.63	1,183.90	1,168.42	5.10	5.06	95.85	151.59	-128.46	156.78	145.74	11.04	14.206	
1,300.00	1,282.66	1,282.93	1,263.67	5.46	5.45	95.48	164.79	-152.17	170.61	158.85	11.76	14.504	
1,400.00	1,379.69	1,381.97	1,358.91	5.85	5.85	95.18	177.98	-175.87	184.45	171.92	12.53	14.725	
1,500.00	1,476.72	1,481.00	1,454.16	6.25	6.27	94.91	191.18	-199.58	198.29	184.96	13.32	14.883	
1,600.00	1,573.75	1,580.04	1,549.40	6.66	6.71	94.68	204.37	-223.29	212.13	197.98	14.14	14.997	
1,700.00	1,670.78	1,679.07	1,644.65	7.08	7.16	94.48	217.57	-246.99	225.98	210.99	14.99	15.077	
1,800.00	1,767.81	1,778.10	1,739.89	7.31	7.46	94.31	230.76	-270.70	239.82	224.53	15.29	15.681	
1,900.00	1,864.84	1,877.14	1,835.14	7.38	7.58	94.15	243.96	-294.41	253.68	238.38	15.30	16.581	
2,000.00	1,961.87	1,976.17	1,930.38	7.48	7.68	94.00	257.15	-318.11	267.53	252.03	15.49	17.267	
2,100.00	2,058.90	2,075.20	2,025.63	7.61	7.82	93.88	270.35	-341.82	281.38	265.63	15.75	17.865	
2,200.00	2,155.92	2,174.24	2,120.87	7.77	8.00	93.76	283.54	-365.53	295.24	279.17	16.07	18.376	
2,300.00	2,252.95	2,273.27	2,216.12	7.96	8.20	93.65	296.74	-389.23	309.09	292.66	16.44	18.805	
2,400.00	2,349.98	2,372.31	2,311.36	8.17	8.43	93.56	309.93	-412.94	322.95	306.09	16.86	19.156	
2,500.00	2,447.01	2,471.34	2,406.61	8.41	8.69	93.47	323.13	-436.65	336.81	319.48	17.33	19.437	
2,600.00	2,544.04	2,570.37	2,501.85	8.66	8.97	93.39	336.32	-460.35	350.67	332.83	17.84	19.655	
2,700.00	2,641.07	2,669.41	2,597.10	8.94	9.27	93.31	349.51	-484.06	364.53	346.13	18.39	19.818	
2,800.00	2,738.10	2,768.44	2,692.34	9.23	9.59	93.24	362.71	-507.77	378.39	359.41	18.98	19.934	
2,900.00	2,835.13	2,867.48	2,787.58	9.54	9.93	93.18	375.90	-531.47	392.25	372.64	19.60	20.009	
3,000.00	2,932.16	2,966.51	2,882.83	9.86	10.28	93.12	389.10	-555.18	406.11	385.85	20.26	20.050	
3,100.00	3,029.19	3,065.54	2,978.07	10.20	10.65	93.06	402.29	-578.88	419.97	399.04	20.93	20.062	
3,200.00	3,126.22	3,164.58	3,073.32	10.55	11.03	93.01	415.49	-602.59	433.83	412.20	21.64	20.052	
3,300.00	3,223.25	3,263.61	3,168.56	10.91	11.42	92.96	428.68	-626.30	447.70	425.34	22.36	20.022	
3,400.00	3,320.28	3,362.64	3,263.81	11.28	11.82	92.91	441.88	-650.00	461.56	438.45	23.10	19.978	
3,500.00	3,417.31	3,461.68	3,359.05	11.66	12.23	92.87	455.07	-673.71	475.42	451.56	23.87	19.921	
3,600.00	3,514.34	3,560.71	3,454.30	12.05	12.65	92.82	468.27	-697.42	489.28	464.64	24.64	19.854	
3,700.00	3,611.37	3,659.75	3,549.54	12.44	13.08	92.79	481.46	-721.12	503.15	477.71	25.44	19.781	
3,800.00	3,708.40	3,758.78	3,644.79	12.84	13.51	92.75	494.66	-744.83	517.01	490.77	26.24	19.701	
3,900.00	3,805.43	3,857.81	3,740.03	13.25	13.95	92.71	507.85	-768.54	530.87	503.81	27.06	19.618	
4,000.00	3,902.46	3,956.85	3,835.28	13.66	14.40	92.68	521.05	-792.24	544.74	516.85	27.89	19.532	
4,100.00	3,999.49	4,055.88	3,930.52	14.08	14.85	92.65	534.24	-815.95	558.60	529.87	28.73	19.444	
4,200.00	4,096.52	4,154.91	4,025.77	14.50	15.31	92.62	547.44	-839.66	572.47	542.89	29.58	19.356	
4,300.00	4,193.55	4,253.95	4,121.01	14.92	15.77	92.59	560.63	-863.36	586.33	555.90	30.43	19.266	
4,400.00	4,290.58	4,352.98	4,216.26	15.35	16.23	92.56	573.83	-887.07	600.20	568.90	31.30	19.177	
4,500.00	4,387.61	4,452.02	4,311.50	15.78	16.70	92.54	587.02	-910.78	614.06	581.89	32.17	19.089	
4,600.00	4,484.63	4,551.05	4,406.75	16.22	17.17	92.51	600.22	-934.48	627.93	594.88	33.05	19.002	
4,700.00	4,581.66	4,650.08	4,501.99	16.66	17.64	92.49	613.41	-958.19	641.79	607.86	33.93	18.915	
4,800.00	4,678.69	4,749.12	4,597.24	17.10	18.12	92.46	626.61	-981.90	655.66	620.84	34.82	18.830	
4,900.00	4,775.72	4,848.15	4,692.48	17.55	18.60	92.44	639.80	-1,005.60	669.52	633.81	35.71	18.747	
5,000.00	4,872.75	4,947.19	4,787.73	17.99	19.08	92.42	653.00	-1,029.31	683.39	646.77	36.61	18.666	
5,100.00	4,969.78	5,046.22	4,882.97	18.44	19.56	92.40	666.19	-1,053.01	697.25	659.74	37.52	18.586	
5,200.00	5,066.81	5,145.25	4,978.22	18.89	20.05	92.38	679.39	-1,076.72	711.12	672.69	38.42	18.508	
5,300.00	5,163.84	5,244.29	5,073.46	19.35	20.54	92.36	692.58	-1,100.43	724.98	685.65	39.33	18.432	
5,400.00	5,260.87	5,343.32	5,168.71	19.80	21.03	92.34	705.78	-1,124.13	738.85	698.60	40.25	18.357	
5,500.00	5,357.90	5,442.35	5,263.95	20.26	21.52	92.33	718.97	-1,147.84	752.71	711.55	41.17	18.285	
5,600.00	5,454.93	5,541.39	5,359.20	20.71	22.01	92.31	732.17	-1,171.55	766.58	724.49	42.09	18.214	
5,700.00	5,551.96	5,640.42	5,454.44	21.17	22.51	92.29	745.36	-1,195.25	780.44	737.43	43.01	18.145	
5,800.00	5,648.99	5,739.46	5,549.69	21.63	23.00	92.28	758.56	-1,218.96	794.31	750.37	43.94	18.078	
5,900.00	5,746.02	5,838.49	5,644.93	22.09	23.50	92.26	771.75	-1,242.67	808.18	763.31	44.87	18.013	
6,000.00	5,843.05	5,937.52	5,740.18	22.56	24.00	92.25	784.95	-1,266.37	822.04	776.24	45.80	17.949	
6,100.00	5,940.08	6,036.56	5,835.42	23.02	24.50	92.23	798.14	-1,290.08	835.91	789.18	46.73	17.887	
6,200.00	6,037.11	6,135.59	5,930.67	23.49	25.00	92.22	811.34	-1,313.79	849.77	802.11	47.67	17.827	
6,300.00	6,134.14	6,234.62	6,025.91	23.95	25.50	92.21	824.53	-1,337.49	863.64	815.03	48.60	17.769	
6,400.00	6,231.54	6,333.62	6,121.12	24.36	26.00	93.27	837.72	-1,361.19	877.48	828.00	49.47	17.736	

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
6,500.00	6,331.02	6,431.40	6,215.16	24.51	26.50	115.52	850.75	-1,384.60	891.13	841.11	50.02	17.815	
6,600.00	6,430.70	6,525.78	6,306.18	24.59	26.90	-91.38	863.36	-1,406.10	905.00	854.68	50.31	17.987	
6,700.00	6,528.14	6,622.19	6,401.03	24.65	27.11	-90.80	876.49	-1,416.35	919.60	869.22	50.38	18.254	
6,800.00	6,620.94	6,723.92	6,501.58	24.74	27.24	-91.09	890.42	-1,411.37	934.67	884.25	50.42	18.537	
6,900.00	6,706.80	6,831.99	6,606.06	24.91	27.32	-91.61	904.88	-1,388.48	949.77	899.21	50.56	18.786	
7,000.00	6,783.62	6,947.37	6,711.66	25.23	27.42	-92.21	919.49	-1,344.75	964.37	913.45	50.92	18.941	
7,100.00	6,849.51	7,070.88	6,814.05	25.75	27.62	-92.84	933.66	-1,277.49	977.81	926.15	51.67	18.926	
7,200.00	6,902.84	7,202.83	6,907.03	26.52	28.03	-93.44	946.51	-1,185.09	989.40	936.40	53.01	18.666	
7,300.00	6,942.30	7,342.72	6,982.80	27.55	28.84	-93.92	956.97	-1,068.30	998.40	943.23	55.17	18.096	
7,400.00	6,966.92	7,488.84	7,033.02	28.83	30.19	-94.22	963.90	-931.60	1,004.16	945.92	58.24	17.242	
7,500.00	6,976.11	7,634.80	7,051.16	30.30	32.01	-94.28	966.37	-787.11	1,006.22	944.26	61.97	16.238	
7,600.00	6,978.26	7,734.80	7,053.35	31.95	33.52	-94.28	966.66	-687.14	1,006.64	941.40	65.24	15.430	
7,700.00	6,980.41	7,834.80	7,055.55	33.78	35.21	-94.29	966.94	-587.16	1,007.06	938.21	68.85	14.627	
7,800.00	6,982.56	7,934.80	7,057.74	35.76	37.07	-94.29	967.22	-487.19	1,007.47	934.71	72.76	13.846	
7,900.00	6,984.70	8,034.79	7,059.93	37.87	39.08	-94.29	967.50	-387.21	1,007.89	930.96	76.93	13.101	
8,000.00	6,986.85	8,134.79	7,062.13	40.08	41.22	-94.29	967.78	-287.24	1,008.31	926.98	81.32	12.399	
8,100.00	6,989.00	8,234.79	7,064.32	42.39	43.45	-94.29	968.06	-187.26	1,008.72	922.83	85.89	11.744	
8,200.00	6,991.15	8,334.79	7,066.52	44.78	45.78	-94.29	968.34	-87.29	1,009.14	918.52	90.62	11.136	
8,300.00	6,993.30	8,434.79	7,068.71	47.23	48.18	-94.29	968.62	12.69	1,009.56	914.08	95.48	10.573	
8,400.00	6,995.45	8,534.79	7,070.90	49.74	50.64	-94.29	968.90	112.66	1,009.97	909.52	100.45	10.054	
8,500.00	6,997.60	8,634.79	7,073.10	52.29	53.15	-94.29	969.18	212.63	1,010.39	904.87	105.52	9.575	
8,600.00	6,999.74	8,734.79	7,075.29	54.89	55.72	-94.29	969.46	312.61	1,010.81	900.13	110.68	9.133	
8,700.00	7,001.89	8,834.79	7,077.49	57.52	58.32	-94.29	969.74	412.58	1,011.22	895.32	115.90	8.725	
8,800.00	7,004.04	8,934.79	7,079.68	60.18	60.95	-94.29	970.02	512.56	1,011.64	890.45	121.19	8.347	
8,900.00	7,006.19	9,032.02	7,082.26	62.87	64.08	-94.30	969.93	629.76	1,011.79	884.77	127.02	7.966	
9,000.00	7,008.34	9,131.85	7,084.45	65.58	66.78	-94.31	968.52	729.55	1,010.52	878.10	132.42	7.631	
9,100.00	7,010.49	9,231.84	7,086.65	68.32	69.50	-94.31	967.11	829.51	1,009.25	871.39	137.86	7.321	
9,200.00	7,012.63	9,331.83	7,088.85	71.07	72.24	-94.32	965.70	929.47	1,007.98	864.64	143.34	7.032	
9,300.00	7,014.78	9,431.82	7,091.05	73.84	75.00	-94.33	964.29	1,029.43	1,006.71	857.86	148.85	6.763	
9,400.00	7,016.93	9,531.81	7,093.25	76.62	77.77	-94.34	962.88	1,129.38	1,005.44	851.05	154.39	6.513	
9,500.00	7,019.08	9,631.80	7,095.45	79.42	80.56	-94.35	961.47	1,229.34	1,004.17	844.22	159.95	6.278	
9,600.00	7,021.23	9,731.80	7,097.64	82.22	83.36	-94.36	960.05	1,329.30	1,002.90	837.36	165.54	6.058	
9,700.00	7,023.38	9,831.79	7,099.84	85.04	86.17	-94.36	958.64	1,429.26	1,001.63	830.47	171.15	5.852	
9,800.00	7,025.52	9,931.78	7,102.04	87.87	88.99	-94.37	957.23	1,529.21	1,000.36	823.57	176.78	5.659	
9,900.00	7,027.67	10,031.77	7,104.24	90.71	91.82	-94.38	955.82	1,629.17	999.09	816.65	182.43	5.476	
10,000.00	7,029.82	10,131.76	7,106.44	93.55	94.66	-94.39	954.41	1,729.13	997.82	809.72	188.10	5.305	
10,100.00	7,031.97	10,231.76	7,108.64	96.40	97.51	-94.40	953.00	1,829.09	996.55	802.77	193.78	5.143	
10,200.00	7,034.12	10,331.75	7,110.84	99.26	100.36	-94.41	951.59	1,929.05	995.28	795.81	199.47	4.990	
10,300.00	7,036.27	10,431.74	7,113.04	102.13	103.22	-94.42	950.17	2,029.00	994.01	788.83	205.17	4.845	
10,400.00	7,038.42	10,531.73	7,115.24	104.99	106.09	-94.42	948.76	2,128.96	992.74	781.85	210.89	4.707	
10,500.00	7,040.56	10,631.72	7,117.43	107.87	108.96	-94.43	947.35	2,228.92	991.47	774.85	216.62	4.577	
10,600.00	7,042.71	10,731.71	7,119.63	110.75	111.83	-94.44	945.94	2,328.88	990.20	767.85	222.35	4.453	
10,700.00	7,044.86	10,831.71	7,121.83	113.63	114.71	-94.45	944.53	2,428.83	988.93	760.83	228.10	4.336	
10,800.00	7,047.01	10,931.70	7,124.03	116.52	117.60	-94.46	943.12	2,528.79	987.66	753.81	233.85	4.223	
10,900.00	7,049.16	11,031.69	7,126.23	119.41	120.49	-94.47	941.71	2,628.75	986.39	746.78	239.61	4.117	
11,000.00	7,051.31	11,131.68	7,128.43	122.30	123.38	-94.48	940.30	2,728.71	985.12	739.75	245.38	4.015	
11,100.00	7,053.45	11,231.67	7,130.63	125.20	126.28	-94.48	938.88	2,828.66	983.85	732.70	251.15	3.917	
11,200.00	7,055.60	11,331.67	7,132.83	128.10	129.17	-94.49	937.47	2,928.62	982.58	725.65	256.93	3.824	
11,300.00	7,057.75	11,431.66	7,135.03	131.01	132.08	-94.50	936.06	3,028.58	981.31	718.60	262.71	3.735	
11,400.00	7,059.90	11,531.65	7,137.22	133.91	134.98	-94.51	934.65	3,128.54	980.04	711.54	268.50	3.650	
11,500.00	7,062.05	11,631.64	7,139.42	136.82	137.89	-94.52	933.24	3,228.50	978.77	704.48	274.30	3.568	
11,600.00	7,064.20	11,731.63	7,141.62	139.73	140.80	-94.53	931.83	3,328.45	977.51	697.41	280.10	3.490	
11,700.00	7,066.34	11,831.62	7,143.82	142.65	143.71	-94.54	930.42	3,428.41	976.24	690.33	285.90	3.415	
11,800.00	7,068.49	11,931.62	7,146.02	145.56	146.63	-94.55	929.00	3,528.37	974.97	683.26	291.71	3.342	
11,900.00	7,070.64	12,031.61	7,148.22	148.48	149.54	-94.56	927.59	3,628.33	973.70	676.18	297.52	3.273	
12,000.00	7,072.79	12,131.60	7,150.42	151.40	152.46	-94.56	926.18	3,728.28	972.43	669.09	303.34	3.206	
12,100.00	7,074.94	12,231.59	7,152.62	154.32	155.38	-94.57	924.77	3,828.24	971.16	662.00	309.16	3.141	
12,200.00	7,077.09	12,331.58	7,154.82	157.24	158.30	-94.58	923.36	3,928.20	969.89	654.91	314.98	3.079	
12,300.00	7,079.24	12,431.58	7,157.01	160.16	161.23	-94.59	921.95	4,028.16	968.62	647.82	320.80	3.019	
12,400.00	7,081.38	12,531.57	7,159.21	163.09	164.15	-94.60	920.54	4,128.11	967.35	640.72	326.63	2.962	
12,500.00	7,083.53	12,631.56	7,161.41	166.01	167.08	-94.61	919.13	4,228.07	966.08	633.62	332.46	2.906	
12,600.00	7,085.68	12,731.55	7,163.61	168.94	170.01	-94.62	917.71	4,328.03	964.81	626.52	338.29	2.852	
12,700.00	7,087.83	12,831.54	7,165.81	171.87	172.94	-94.63	916.30	4,427.99	963.54	619.42	344.13	2.800	
12,800.00	7,089.98	12,931.53	7,168.01	174.80	175.87	-94.64	914.89	4,527.95	962.27	612.31	349.96	2.750	
12,900.00	7,092.13	13,031.53	7,170.21	177.73	178.80	-94.65	913.48	4,627.90	961.01	605.20	355.80	2.701	
13,000.00	7,094.27	13,131.52	7,172.41	180.66	181.73	-94.66	912.07	4,727.86	959.74	598.09	361.64	2.654	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	7,096.42	13,251.51	7,174.61	183.60	184.66	-94.66	910.66	4,827.82	958.47	590.98	367.49	2.608	
13,200.00	7,098.57	13,351.50	7,176.81	186.53	187.60	-94.67	909.25	4,927.78	957.20	583.87	373.33	2.564	
13,300.00	7,100.72	13,451.49	7,179.00	189.47	190.53	-94.68	907.83	5,027.73	955.93	576.75	379.18	2.521	
13,400.00	7,102.87	13,551.49	7,181.20	192.40	193.47	-94.69	906.42	5,127.69	954.66	569.63	385.03	2.479	
13,500.00	7,105.02	13,651.48	7,183.40	195.34	196.41	-94.70	905.01	5,227.65	953.39	562.52	390.88	2.439	
13,600.00	7,107.17	13,751.47	7,185.60	198.28	199.35	-94.71	903.60	5,327.61	952.12	555.39	396.73	2.400	
13,700.00	7,109.31	13,851.46	7,187.80	201.21	202.29	-94.72	902.19	5,427.56	950.85	548.27	402.58	2.362	
13,800.00	7,111.46	13,951.45	7,190.00	204.15	205.23	-94.73	900.78	5,527.52	949.59	541.15	408.43	2.325	
13,900.00	7,113.61	14,051.45	7,192.20	207.09	208.17	-94.74	899.37	5,627.48	948.32	534.03	414.29	2.289	
14,000.00	7,115.76	14,151.44	7,194.40	210.03	211.11	-94.75	897.96	5,727.44	947.05	526.90	420.15	2.254	
14,100.00	7,117.91	14,251.43	7,196.60	212.97	214.05	-94.76	896.54	5,827.40	945.78	519.78	426.00	2.220	
14,200.00	7,120.06	14,351.42	7,198.79	215.91	216.99	-94.77	895.13	5,927.35	944.51	512.65	431.86	2.187	
14,300.00	7,122.20	14,451.41	7,200.99	218.86	219.94	-94.78	893.72	6,027.31	943.24	505.52	437.72	2.155	
14,400.00	7,124.35	14,551.40	7,203.19	221.80	222.88	-94.79	892.31	6,127.27	941.97	498.39	443.58	2.124	
14,500.00	7,126.50	14,651.40	7,205.39	224.74	225.83	-94.80	890.90	6,227.23	940.70	491.26	449.44	2.093	
14,600.00	7,128.65	14,751.39	7,207.59	227.69	228.77	-94.81	889.49	6,327.18	939.44	484.13	455.31	2.063	
14,700.00	7,130.80	14,851.38	7,209.79	230.63	231.72	-94.82	888.08	6,427.14	938.17	477.00	461.17	2.034	
14,800.00	7,132.95	14,951.37	7,211.99	233.57	234.66	-94.83	886.66	6,527.10	936.90	469.87	467.03	2.006	
14,900.00	7,135.09	15,051.36	7,214.19	236.52	237.61	-94.84	885.25	6,627.06	935.63	462.73	472.90	1.979	
15,000.00	7,137.24	15,151.36	7,216.39	239.46	240.56	-94.84	883.84	6,727.01	934.36	455.60	478.76	1.952	
15,100.00	7,139.39	15,251.35	7,218.58	242.41	243.51	-94.85	882.43	6,826.97	933.09	448.46	484.63	1.925	
15,200.00	7,141.54	15,351.34	7,220.78	245.36	246.45	-94.86	881.02	6,926.93	931.82	441.33	490.50	1.900	
15,300.00	7,143.69	15,451.33	7,222.98	248.30	249.40	-94.87	879.61	7,026.89	930.56	434.19	496.36	1.875	
15,400.00	7,145.84	15,551.32	7,225.18	251.25	252.35	-94.88	878.20	7,126.85	929.29	427.06	502.23	1.850	
15,500.00	7,147.99	15,651.31	7,227.38	254.20	255.30	-94.89	876.79	7,226.80	928.02	419.92	508.10	1.826	
15,600.00	7,150.13	15,751.31	7,229.58	257.15	258.25	-94.90	875.37	7,326.76	926.75	412.78	513.97	1.803	
15,700.00	7,152.28	15,851.30	7,231.78	260.09	261.20	-94.91	873.96	7,426.72	925.48	405.64	519.84	1.780	
15,800.00	7,154.43	15,951.29	7,233.98	263.04	264.15	-94.92	872.55	7,526.68	924.21	398.50	525.71	1.758	
15,900.00	7,156.58	16,051.28	7,236.18	265.99	267.10	-94.93	871.14	7,626.63	922.95	391.37	531.58	1.736	
16,000.00	7,158.73	16,151.27	7,238.38	268.94	270.05	-94.94	869.73	7,726.59	921.68	384.23	537.45	1.715	
16,100.00	7,160.88	16,251.27	7,240.57	271.89	273.00	-94.95	868.32	7,826.55	920.41	377.09	543.32	1.694	
16,200.00	7,163.02	16,351.26	7,242.77	274.84	275.96	-94.96	866.91	7,926.51	919.14	369.95	549.19	1.674	
16,300.00	7,165.17	16,451.25	7,244.97	277.79	278.91	-94.97	865.50	8,026.46	917.87	362.81	555.07	1.654	
16,400.00	7,167.32	16,551.24	7,247.17	280.74	281.86	-94.98	864.08	8,126.42	916.60	355.67	560.94	1.634	
16,500.00	7,169.47	16,651.23	7,249.37	283.69	284.81	-94.99	862.67	8,226.38	915.34	348.52	566.81	1.615	
16,600.00	7,171.62	16,751.22	7,251.57	286.64	287.77	-95.00	861.26	8,326.34	914.07	341.38	572.69	1.596	
16,700.00	7,173.77	16,851.22	7,253.77	289.59	290.72	-95.01	859.85	8,426.30	912.80	334.24	578.56	1.578	
16,800.00	7,175.91	16,951.21	7,255.97	292.54	293.67	-95.02	858.44	8,526.25	911.53	327.10	584.43	1.560	
16,900.00	7,178.06	17,051.20	7,258.17	295.50	296.63	-95.03	857.03	8,626.21	910.26	319.96	590.31	1.542	
17,000.00	7,180.21	17,151.19	7,260.36	298.45	299.58	-95.04	855.62	8,726.17	909.00	312.81	596.18	1.525	
17,100.00	7,182.36	17,251.18	7,262.56	301.40	302.54	-95.05	854.20	8,826.13	907.73	305.67	602.06	1.508	
17,200.00	7,184.51	17,351.18	7,264.76	304.35	305.49	-95.07	852.79	8,926.08	906.46	298.53	607.93	1.491 Level 3	
17,300.00	7,186.66	17,451.17	7,266.96	307.30	308.45	-95.08	851.38	9,026.04	905.19	291.39	613.81	1.475 Level 3	
17,400.00	7,188.81	17,551.16	7,269.16	310.26	311.40	-95.09	849.97	9,126.00	903.92	284.24	619.68	1.459 Level 3	
17,446.84	7,189.81	17,598.00	7,270.19	311.64	312.78	-95.09	849.31	9,172.82	903.33	280.90	622.43	1.451 Level 3, SF	
17,455.61	7,190.00	17,589.36	7,270.00	311.90	312.53	-95.09	849.43	9,164.19	903.39	280.97	622.42	1.451 Level 3	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	0.48	99.82	0.84	99.83					
100.00	100.00	100.00	100.00	3.28	3.28	0.48	99.82	0.84	99.83	92.30	7.53	13.262		
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.82	0.84	99.83	92.26	7.57	13.189	CC	
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.82	0.84	99.83	92.26	7.57	13.189	ES	
300.00	300.00	299.11	299.11	3.34	3.34	91.81	100.04	0.48	100.06	92.41	7.65	13.076		
400.00	399.93	397.30	397.24	3.41	3.41	92.09	101.82	-2.38	101.95	94.18	7.77	13.117		
500.00	499.68	495.41	495.11	3.49	3.49	92.60	105.36	-8.09	105.74	97.80	7.94	13.320		
600.00	599.13	593.38	592.56	3.60	3.60	93.29	110.65	-16.63	111.43	103.28	8.16	13.663		
700.00	698.15	691.16	689.42	3.75	3.74	94.10	117.69	-27.98	119.03	110.60	8.43	14.115		
800.00	796.63	788.70	785.53	3.93	3.91	94.97	126.43	-42.08	128.54	119.76	8.78	14.640		
900.00	894.44	885.95	880.74	4.16	4.12	95.83	136.87	-58.91	139.96	130.75	9.21	15.197		
1,000.00	991.57	982.88	974.91	4.44	4.38	96.62	148.95	-78.40	153.23	143.50	9.73	15.750		
1,100.00	1,088.60	1,080.07	1,068.53	4.75	4.69	96.55	162.69	-100.57	167.95	157.62	10.33	16.264		
1,200.00	1,185.63	1,178.91	1,163.50	5.10	5.04	96.23	177.14	-123.86	183.08	172.08	11.00	16.642		
1,300.00	1,282.66	1,277.76	1,258.47	5.46	5.43	95.96	191.58	-147.16	198.21	186.49	11.72	16.908		
1,400.00	1,379.69	1,376.60	1,353.44	5.85	5.83	95.72	206.03	-170.46	213.35	200.87	12.48	17.091		
1,500.00	1,476.72	1,475.45	1,448.40	6.25	6.26	95.52	220.47	-193.75	228.49	215.22	13.28	17.210		
1,600.00	1,573.75	1,574.29	1,543.37	6.66	6.70	95.34	234.92	-217.05	243.64	229.54	14.10	17.285		
1,700.00	1,670.78	1,673.13	1,638.34	7.08	7.15	95.19	249.36	-240.34	258.78	243.85	14.94	17.327		
1,800.00	1,767.81	1,771.98	1,733.31	7.31	7.46	95.05	263.80	-263.64	273.93	258.68	15.25	17.960		
1,900.00	1,864.84	1,870.82	1,828.27	7.38	7.59	94.92	278.25	-286.94	289.08	273.81	15.27	18.935		
2,000.00	1,961.87	1,969.67	1,923.24	7.48	7.70	94.81	292.69	-310.23	304.23	288.77	15.46	19.679		
2,100.00	2,058.90	2,068.51	2,018.21	7.61	7.84	94.70	307.14	-333.53	319.38	303.66	15.71	20.324		
2,200.00	2,155.92	2,167.36	2,113.18	7.77	8.01	94.61	321.58	-356.83	334.53	318.50	16.03	20.873		
2,300.00	2,252.95	2,266.20	2,208.14	7.96	8.21	94.53	336.03	-380.12	349.68	333.28	16.39	21.329		
2,400.00	2,349.98	2,365.04	2,303.11	8.17	8.44	94.45	350.47	-403.42	364.83	348.02	16.81	21.698		
2,500.00	2,447.01	2,463.89	2,398.08	8.41	8.70	94.38	364.91	-426.72	379.99	362.70	17.28	21.988		
2,600.00	2,544.04	2,562.73	2,493.05	8.66	8.98	94.31	379.36	-450.01	395.14	377.35	17.79	22.209		
2,700.00	2,641.07	2,661.58	2,588.01	8.94	9.28	94.25	393.80	-473.31	410.29	391.95	18.34	22.369		
2,800.00	2,738.10	2,760.42	2,682.98	9.23	9.60	94.19	408.25	-496.60	425.45	406.52	18.93	22.476		
2,900.00	2,835.13	2,859.26	2,777.95	9.54	9.94	94.14	422.69	-519.90	440.60	421.06	19.55	22.539		
3,000.00	2,932.16	2,958.11	2,872.91	9.86	10.30	94.09	437.14	-543.20	455.76	435.56	20.20	22.565		
3,100.00	3,029.19	3,056.95	2,967.88	10.20	10.67	94.00	451.58	-566.49	470.92	450.04	20.87	22.561		
3,200.00	3,126.22	3,155.80	3,062.85	10.55	11.05	94.04	466.03	-589.79	486.07	464.50	21.57	22.531		
3,300.00	3,223.25	3,254.64	3,157.82	10.91	11.44	93.96	480.47	-613.09	501.23	478.93	22.30	22.481		
3,400.00	3,320.28	3,353.48	3,252.78	11.28	11.85	93.92	494.91	-636.38	516.39	493.35	23.04	22.415		
3,500.00	3,417.31	3,452.33	3,347.75	11.66	12.26	93.89	509.36	-659.68	531.54	507.74	23.80	22.336		
3,600.00	3,514.34	3,551.17	3,442.72	12.05	12.68	93.85	523.80	-682.98	546.70	522.13	24.57	22.247		
3,700.00	3,611.37	3,650.02	3,537.69	12.44	13.11	93.82	538.25	-706.27	561.86	536.49	25.36	22.151		
3,800.00	3,708.40	3,748.86	3,632.65	12.84	13.55	93.79	552.69	-729.57	577.01	550.85	26.17	22.049		
3,900.00	3,805.43	3,847.71	3,727.62	13.25	13.99	93.76	567.14	-752.86	592.17	565.19	26.99	21.944		
4,000.00	3,902.46	3,946.55	3,822.59	13.66	14.44	93.73	581.58	-776.16	607.33	579.52	27.81	21.836		
4,100.00	3,999.49	4,045.39	3,917.56	14.08	14.89	93.71	596.02	-799.46	622.49	593.84	28.65	21.727		
4,200.00	4,096.52	4,144.24	4,012.52	14.50	15.35	93.68	610.47	-822.75	637.65	608.15	29.50	21.618		
4,300.00	4,193.55	4,243.08	4,107.49	14.92	15.82	93.66	624.91	-846.05	652.80	622.45	30.35	21.508		
4,400.00	4,290.58	4,341.93	4,202.46	15.35	16.28	93.63	639.36	-869.35	667.96	636.75	31.21	21.400		
4,500.00	4,387.61	4,440.77	4,297.43	15.78	16.75	93.61	653.80	-892.64	683.12	651.04	32.08	21.292		
4,600.00	4,484.63	4,539.61	4,392.39	16.22	17.23	93.59	668.25	-915.94	698.28	665.32	32.96	21.186		
4,700.00	4,581.66	4,638.46	4,487.36	16.66	17.70	93.57	682.69	-939.24	713.44	679.60	33.84	21.082		
4,800.00	4,678.69	4,737.30	4,582.33	17.10	18.18	93.55	697.13	-962.53	728.60	693.87	34.73	20.979		
4,900.00	4,775.72	4,836.15	4,677.29	17.55	18.66	93.54	711.58	-985.83	743.76	708.13	35.62	20.879		
5,000.00	4,872.75	4,934.99	4,772.26	17.99	19.15	93.52	726.02	-1,009.12	758.91	722.39	36.52	20.781		
5,100.00	4,969.78	5,033.83	4,867.23	18.44	19.63	93.50	740.47	-1,032.42	774.07	736.65	37.42	20.686		
5,200.00	5,066.81	5,132.68	4,962.20	18.89	20.12	93.48	754.91	-1,055.72	789.23	750.90	38.33	20.592		
5,300.00	5,163.84	5,231.52	5,057.16	19.35	20.61	93.47	769.36	-1,079.01	804.39	765.15	39.24	20.501		
5,400.00	5,260.87	5,330.37	5,152.13	19.80	21.11	93.45	783.80	-1,102.31	819.55	779.40	40.15	20.412		
5,500.00	5,357.90	5,429.21	5,247.10	20.26	21.60	93.44	798.24	-1,125.61	834.71	793.64	41.07	20.326		
5,600.00	5,454.93	5,528.06	5,342.07	20.71	22.10	93.43	812.69	-1,148.90	849.87	807.88	41.99	20.242		
5,700.00	5,551.96	5,626.90	5,437.03	21.17	22.59	93.41	827.13	-1,172.20	865.03	822.12	42.91	20.160		
5,800.00	5,648.99	5,725.74	5,532.00	21.63	23.09	93.40	841.58	-1,195.49	880.19	836.35	43.83	20.081		
5,900.00	5,746.02	5,824.59	5,626.97	22.09	23.59	93.39	856.02	-1,218.79	895.35	850.59	44.76	20.003		
6,000.00	5,843.05	5,923.43	5,721.94	22.56	24.09	93.37	870.47	-1,242.09	910.50	864.81	45.69	19.928		
6,100.00	5,940.08	6,022.28	5,816.90	23.02	24.59	93.36	884.91	-1,265.38	925.66	879.04	46.62	19.855		
6,200.00	6,037.11	6,121.12	5,911.87	23.49	25.10	93.35	899.36	-1,288.68	940.82	893.27	47.56	19.783		
6,300.00	6,134.14	6,219.96	6,006.84	23.95	25.60	93.34	913.80	-1,311.98	955.98	907.49	48.49	19.714		
6,400.00	6,231.54	6,318.77	6,101.77	24.36	26.11	94.47	928.24	-1,335.26	971.08	921.72	49.36	19.673		

Offset Design5N-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	6,331.02	6,416.42	6,195.59	24.51	26.61	116.90	942.51	-1,358.28	985.69	935.78	49.91	19.747	
6,600.00	6,430.70	6,510.57	6,286.05	24.59	27.09	-89.84	956.27	-1,380.47	1,000.10	949.81	50.29	19.888	
6,700.00	6,528.14	6,598.91	6,370.92	24.65	27.54	-89.50	969.18	-1,401.29	1,015.24	964.75	50.49	20.107	
6,800.00	6,620.94	6,689.28	6,458.74	24.74	27.84	-90.30	982.51	-1,417.54	1,032.14	981.63	50.51	20.433	
6,900.00	6,706.80	6,788.77	6,556.96	24.91	28.02	-91.40	997.36	-1,420.77	1,050.65	1,000.13	50.51	20.799	
7,000.00	6,783.62	6,900.23	6,666.07	25.23	28.13	-92.70	1,013.77	-1,405.99	1,070.21	1,019.56	50.65	21.129	
7,100.00	6,849.51	7,028.04	6,785.81	25.75	28.23	-94.22	1,031.68	-1,365.72	1,089.94	1,038.88	51.06	21.346	
7,200.00	6,902.84	7,177.57	6,912.46	26.52	28.43	-95.91	1,050.48	-1,289.17	1,108.51	1,056.55	51.96	21.332	
7,300.00	6,942.30	7,353.63	7,034.11	27.55	28.98	-97.61	1,068.31	-1,163.94	1,124.04	1,070.26	53.78	20.900	
7,400.00	6,966.92	7,556.22	7,126.13	28.83	30.36	-98.88	1,081.43	-984.89	1,134.23	1,077.10	57.14	19.851	
7,500.00	6,976.11	7,759.04	7,158.28	30.30	32.67	-99.22	1,085.42	-785.51	1,137.15	1,075.40	61.75	18.415	
7,600.00	6,978.26	7,859.04	7,160.48	31.95	34.14	-99.22	1,085.32	-685.54	1,137.19	1,072.22	64.97	17.503	
7,700.00	6,980.41	7,959.04	7,162.68	33.78	35.79	-99.23	1,085.22	-585.56	1,137.23	1,068.70	68.53	16.595	
7,800.00	6,982.56	8,059.04	7,164.88	35.76	37.61	-99.23	1,085.12	-485.59	1,137.27	1,064.88	72.39	15.711	
7,900.00	6,984.70	8,159.04	7,167.08	37.87	39.59	-99.23	1,085.02	-385.61	1,137.31	1,060.81	76.50	14.867	
8,000.00	6,986.85	8,259.04	7,169.28	40.08	41.70	-99.23	1,084.91	-285.63	1,137.35	1,056.52	80.83	14.071	
8,100.00	6,989.00	8,359.04	7,171.47	42.39	43.92	-99.23	1,084.81	-185.66	1,137.39	1,052.05	85.34	13.328	
8,200.00	6,991.15	8,459.04	7,173.67	44.78	46.22	-99.24	1,084.71	-85.68	1,137.43	1,047.42	90.01	12.637	
8,300.00	6,993.30	8,559.04	7,175.87	47.23	48.60	-99.24	1,084.61	14.29	1,137.47	1,042.66	94.81	11.997	
8,400.00	6,995.45	8,659.04	7,178.07	49.74	51.05	-99.24	1,084.51	114.27	1,137.51	1,037.78	99.72	11.407	
8,500.00	6,997.60	8,759.04	7,180.27	52.29	53.55	-99.24	1,084.41	214.24	1,137.55	1,032.81	104.74	10.861	
8,600.00	6,999.74	8,859.04	7,182.46	54.89	56.10	-99.25	1,084.30	314.22	1,137.59	1,027.76	109.83	10.358	
8,700.00	7,001.89	8,959.04	7,184.66	57.52	58.69	-99.25	1,084.20	414.20	1,137.63	1,022.63	115.00	9.893	
8,800.00	7,004.04	9,059.04	7,186.86	60.18	61.31	-99.25	1,084.10	514.17	1,137.67	1,017.44	120.23	9.463	
8,900.00	7,006.19	9,159.04	7,189.06	62.87	63.97	-99.25	1,084.00	614.15	1,137.71	1,012.19	125.51	9.064	
9,000.00	7,008.34	9,259.04	7,191.26	65.58	66.65	-99.25	1,083.90	714.12	1,137.75	1,006.90	130.85	8.695	
9,100.00	7,010.49	9,359.04	7,193.45	68.32	69.36	-99.26	1,083.79	814.10	1,137.79	1,001.56	136.22	8.352	
9,200.00	7,012.63	9,459.04	7,195.65	71.07	72.08	-99.26	1,083.69	914.07	1,137.83	996.19	141.64	8.033	
9,300.00	7,014.78	9,559.04	7,197.85	73.84	74.83	-99.26	1,083.59	1,014.05	1,137.87	990.78	147.09	7.736	
9,400.00	7,016.93	9,659.04	7,200.05	76.62	77.59	-99.26	1,083.49	1,114.03	1,137.91	985.34	152.56	7.459	
9,500.00	7,019.08	9,759.04	7,202.25	79.42	80.37	-99.27	1,083.39	1,214.00	1,137.95	979.88	158.07	7.199	
9,600.00	7,021.23	9,859.04	7,204.44	82.22	83.15	-99.27	1,083.29	1,313.98	1,137.99	974.39	163.60	6.956	
9,700.00	7,023.38	9,959.04	7,206.64	85.04	85.96	-99.27	1,083.18	1,413.95	1,138.03	968.88	169.15	6.728	
9,800.00	7,025.52	10,059.04	7,208.84	87.87	88.77	-99.27	1,083.08	1,513.93	1,138.07	963.34	174.72	6.514	
9,900.00	7,027.67	10,159.04	7,211.04	90.71	91.59	-99.27	1,082.98	1,613.91	1,138.11	957.80	180.31	6.312	
10,000.00	7,029.82	10,259.04	7,213.24	93.55	94.42	-99.28	1,082.88	1,713.88	1,138.15	952.23	185.91	6.122	
10,100.00	7,031.97	10,359.04	7,215.43	96.40	97.26	-99.28	1,082.78	1,813.86	1,138.19	946.65	191.53	5.942	
10,200.00	7,034.12	10,459.04	7,217.63	99.26	100.10	-99.28	1,082.67	1,913.83	1,138.23	941.06	197.17	5.773	
10,300.00	7,036.27	10,559.04	7,219.83	102.13	102.95	-99.28	1,082.57	2,013.81	1,138.26	935.45	202.81	5.612	
10,400.00	7,038.42	10,659.04	7,222.03	104.99	105.81	-99.29	1,082.47	2,113.78	1,138.30	929.84	208.47	5.460	
10,500.00	7,040.56	10,759.04	7,224.23	107.87	108.68	-99.29	1,082.37	2,213.76	1,138.34	924.21	214.14	5.316	
10,600.00	7,042.71	10,859.04	7,226.42	110.75	111.54	-99.29	1,082.27	2,313.74	1,138.38	918.57	219.81	5.179	
10,700.00	7,044.86	10,959.04	7,228.62	113.63	114.42	-99.29	1,082.17	2,413.71	1,138.42	912.93	225.50	5.049	
10,800.00	7,047.01	11,059.04	7,230.82	116.52	117.30	-99.29	1,082.06	2,513.69	1,138.46	907.27	231.19	4.924	
10,900.00	7,049.16	11,159.04	7,233.02	119.41	120.18	-99.30	1,081.96	2,613.66	1,138.50	901.61	236.89	4.806	
11,000.00	7,051.31	11,259.04	7,235.22	122.30	123.07	-99.30	1,081.86	2,713.64	1,138.54	895.94	242.60	4.693	
11,100.00	7,053.45	11,359.04	7,237.42	125.20	125.96	-99.30	1,081.76	2,813.61	1,138.58	890.27	248.32	4.585	
11,200.00	7,055.60	11,459.04	7,239.61	128.10	128.85	-99.30	1,081.66	2,913.59	1,138.62	884.59	254.04	4.482	
11,300.00	7,057.75	11,559.04	7,241.81	131.01	131.74	-99.31	1,081.56	3,013.57	1,138.66	878.90	259.76	4.383	
11,400.00	7,059.90	11,659.04	7,244.01	133.91	134.64	-99.31	1,081.45	3,113.54	1,138.70	873.21	265.50	4.289	
11,500.00	7,062.05	11,759.04	7,246.21	136.82	137.55	-99.31	1,081.35	3,213.52	1,138.74	867.51	271.23	4.198	
11,600.00	7,064.20	11,859.04	7,248.41	139.73	140.45	-99.31	1,081.25	3,313.49	1,138.78	861.81	276.98	4.111	
11,700.00	7,066.34	11,959.04	7,250.60	142.65	143.36	-99.31	1,081.15	3,413.47	1,138.82	856.10	282.72	4.028	
11,800.00	7,068.49	12,059.04	7,252.80	145.56	146.27	-99.32	1,081.05	3,513.44	1,138.86	850.39	288.47	3.948	
11,900.00	7,070.64	12,159.04	7,255.00	148.48	149.18	-99.32	1,080.94	3,613.42	1,138.90	844.68	294.23	3.871	
12,000.00	7,072.79	12,259.04	7,257.20	151.40	152.09	-99.32	1,080.84	3,713.40	1,138.94	838.96	299.99	3.797	
12,100.00	7,074.94	12,359.04	7,259.40	154.32	155.01	-99.32	1,080.74	3,813.37	1,138.98	833.24	305.75	3.725	
12,200.00	7,077.09	12,459.04	7,261.59	157.24	157.92	-99.32	1,080.64	3,913.35	1,139.02	827.51	311.51	3.656	
12,300.00	7,079.24	12,559.04	7,263.79	160.16	160.84	-99.33	1,080.54	4,013.32	1,139.06	821.78	317.28	3.590	
12,400.00	7,081.38	12,659.04	7,265.99	163.09	163.76	-99.33	1,080.44	4,113.30	1,139.10	816.05	323.05	3.526	
12,500.00	7,083.53	12,759.04	7,268.19	166.01	166.68	-99.33	1,080.33	4,213.28	1,139.14	810.32	328.82	3.464	
12,600.00	7,085.68	12,859.04	7,270.39	168.94	169.61	-99.33	1,080.23	4,313.25	1,139.18	804.58	334.60	3.405	
12,700.00	7,087.83	12,959.04	7,272.58	171.87	172.53	-99.34	1,080.13	4,413.23	1,139.22	798.84	340.38	3.347	
12,800.00	7,089.98	13,059.04	7,274.78	174.80	175.46	-99.34.3							

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 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				
13,100.00	7,096.42	13,359.04	7,281.38	183.60	184.24	-99.34	1,079.72	4,813.13	1,139.38	775.87	363.52	3.134				
13,200.00	7,098.57	13,459.04	7,283.57	186.53	187.17	-99.35	1,079.62	4,913.11	1,139.42	770.12	369.31	3.085				
13,300.00	7,100.72	13,559.04	7,285.77	189.47	190.10	-99.35	1,079.52	5,013.08	1,139.46	764.37	375.10	3.038				
13,400.00	7,102.87	13,659.04	7,287.97	192.40	193.04	-99.35	1,079.42	5,113.06	1,139.50	758.61	380.89	2.992				
13,500.00	7,105.02	13,759.04	7,290.17	195.34	195.97	-99.35	1,079.32	5,213.03	1,139.54	752.86	386.68	2.947				
13,600.00	7,107.17	13,859.04	7,292.37	198.28	198.90	-99.36	1,079.21	5,313.01	1,139.58	747.10	392.48	2.904				
13,700.00	7,109.31	13,959.04	7,294.56	201.21	201.84	-99.36	1,079.11	5,412.98	1,139.62	741.34	398.28	2.861				
13,800.00	7,111.46	14,059.04	7,296.76	204.15	204.77	-99.36	1,079.01	5,512.96	1,139.66	735.59	404.08	2.820				
13,900.00	7,113.61	14,159.04	7,298.96	207.09	207.71	-99.36	1,078.91	5,612.94	1,139.70	729.83	409.88	2.781				
14,000.00	7,115.76	14,259.04	7,301.16	210.03	210.65	-99.36	1,078.81	5,712.91	1,139.74	724.06	415.68	2.742				
14,100.00	7,117.91	14,359.04	7,303.36	212.97	213.59	-99.37	1,078.71	5,812.89	1,139.78	718.30	421.48	2.704				
14,200.00	7,120.06	14,459.04	7,305.56	215.91	216.52	-99.37	1,078.60	5,912.86	1,139.82	712.54	427.28	2.668				
14,300.00	7,122.20	14,559.04	7,307.75	218.86	219.46	-99.37	1,078.50	6,012.84	1,139.86	706.77	433.09	2.632				
14,400.00	7,124.35	14,659.04	7,309.95	221.80	222.40	-99.37	1,078.40	6,112.82	1,139.90	701.01	438.90	2.597				
14,500.00	7,126.50	14,759.04	7,312.15	224.74	225.34	-99.38	1,078.30	6,212.79	1,139.94	695.24	444.70	2.563				
14,600.00	7,128.65	14,859.04	7,314.35	227.69	228.29	-99.38	1,078.20	6,312.77	1,139.98	689.47	450.51	2.530				
14,700.00	7,130.80	14,959.04	7,316.55	230.63	231.23	-99.38	1,078.09	6,412.74	1,140.02	683.70	456.32	2.498				
14,800.00	7,132.95	15,059.04	7,318.74	233.57	234.17	-99.38	1,077.99	6,512.72	1,140.06	677.93	462.13	2.467				
14,900.00	7,135.09	15,159.04	7,320.94	236.52	237.11	-99.38	1,077.89	6,612.69	1,140.10	672.16	467.94	2.436				
15,000.00	7,137.24	15,259.04	7,323.14	239.46	240.06	-99.39	1,077.79	6,712.67	1,140.14	666.39	473.75	2.407				
15,100.00	7,139.39	15,359.04	7,325.34	242.41	243.00	-99.39	1,077.69	6,812.65	1,140.18	660.61	479.57	2.378				
15,200.00	7,141.54	15,459.04	7,327.54	245.36	245.94	-99.39	1,077.59	6,912.62	1,140.22	654.84	485.38	2.349				
15,300.00	7,143.69	15,559.04	7,329.73	248.30	248.89	-99.39	1,077.48	7,012.60	1,140.26	649.07	491.20	2.321				
15,400.00	7,145.84	15,659.04	7,331.93	251.25	251.83	-99.40	1,077.38	7,112.57	1,140.30	643.29	497.01	2.294				
15,500.00	7,147.99	15,759.04	7,334.13	254.20	254.78	-99.40	1,077.28	7,212.55	1,140.34	637.52	502.83	2.268				
15,600.00	7,150.13	15,859.04	7,336.33	257.15	257.72	-99.40	1,077.18	7,312.52	1,140.38	631.74	508.64	2.242				
15,700.00	7,152.28	15,959.04	7,338.53	260.09	260.67	-99.40	1,077.08	7,412.50	1,140.42	625.96	514.46	2.217				
15,800.00	7,154.43	16,059.04	7,340.72	263.04	263.62	-99.40	1,076.98	7,512.48	1,140.46	620.18	520.28	2.192				
15,900.00	7,156.58	16,159.04	7,342.92	265.99	266.56	-99.41	1,076.87	7,612.45	1,140.50	614.41	526.10	2.168				
16,000.00	7,158.73	16,259.04	7,345.12	268.94	269.51	-99.41	1,076.77	7,712.43	1,140.54	608.63	531.91	2.144				
16,100.00	7,160.88	16,359.04	7,347.32	271.89	272.46	-99.41	1,076.67	7,812.40	1,140.58	602.85	537.73	2.121				
16,200.00	7,163.02	16,459.04	7,349.52	274.84	275.41	-99.41	1,076.57	7,912.38	1,140.62	597.07	543.55	2.098				
16,300.00	7,165.17	16,559.04	7,351.71	277.79	278.36	-99.42	1,076.47	8,012.35	1,140.66	591.29	549.37	2.076				
16,400.00	7,167.32	16,659.04	7,353.91	280.74	281.30	-99.42	1,076.36	8,112.33	1,140.70	585.51	555.20	2.055				
16,500.00	7,169.47	16,759.04	7,356.11	283.69	284.25	-99.42	1,076.26	8,212.31	1,140.74	579.72	561.02	2.033				
16,600.00	7,171.62	16,859.04	7,358.31	286.64	287.20	-99.42	1,076.16	8,312.28	1,140.78	573.94	566.84	2.013				
16,700.00	7,173.77	16,959.04	7,360.51	289.59	290.15	-99.42	1,076.06	8,412.26	1,140.82	568.16	572.66	1.992				
16,800.00	7,175.91	17,059.04	7,362.70	292.54	293.10	-99.43	1,075.96	8,512.23	1,140.86	562.38	578.48	1.972				
16,900.00	7,178.06	17,159.04	7,364.90	295.50	296.05	-99.43	1,075.86	8,612.21	1,140.90	556.59	584.31	1.953				
17,000.00	7,180.21	17,259.04	7,367.10	298.45	299.00	-99.43	1,075.75	8,712.19	1,140.94	550.81	590.13	1.933				
17,100.00	7,182.36	17,359.04	7,369.30	301.40	301.95	-99.43	1,075.65	8,812.16	1,140.98	545.03	595.95	1.915				
17,200.00	7,184.51	17,459.04	7,371.50	304.35	304.90	-99.43	1,075.55	8,912.14	1,141.02	539.24	601.78	1.896				
17,300.00	7,186.66	17,559.04	7,373.70	307.30	307.85	-99.44	1,075.45	9,012.11	1,141.06	533.46	607.60	1.878				
17,400.00	7,188.81	17,659.04	7,375.89	310.26	310.80	-99.44	1,075.35	9,112.09	1,141.10	527.67	613.43	1.860				
17,455.61	7,190.00	17,714.65	7,377.12	311.90	312.45	-99.44	1,075.29	9,167.68	1,141.12	524.45	616.67	1.850 SF				

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	0.40	119.85	0.84	119.86				
100.00	100.00	100.00	100.00	3.28	3.28	0.40	119.85	0.84	119.86	112.33	7.53	15.923	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	119.85	0.84	119.86	112.29	7.57	15.836	
200.00	200.00	200.00	200.00	3.30	3.30	0.40	119.85	0.84	119.86	112.29	7.57	15.836	CC, ES
300.00	300.00	298.78	298.78	3.34	3.34	91.74	120.10	0.50	120.12	112.47	7.65	15.698	SF
400.00	399.93	396.30	396.24	3.41	3.41	92.04	122.11	-2.14	122.26	114.49	7.77	15.732	
500.00	499.68	493.71	493.42	3.49	3.49	92.62	126.10	-7.43	126.55	118.62	7.94	15.946	
600.00	599.13	590.95	590.14	3.60	3.60	93.40	132.08	-15.33	133.00	124.85	8.15	16.317	
700.00	698.15	687.93	686.23	3.75	3.74	94.32	140.01	-25.81	141.63	133.20	8.42	16.811	
800.00	796.63	784.60	781.50	3.93	3.90	95.31	149.86	-38.83	152.43	143.66	8.77	17.390	
900.00	894.44	880.88	875.80	4.16	4.11	96.30	161.59	-54.35	165.42	156.23	9.19	18.008	
1,000.00	991.57	976.74	968.98	4.44	4.36	97.28	175.16	-72.29	180.52	170.83	9.69	18.626	
1,100.00	1,088.60	1,072.19	1,060.95	4.75	4.66	97.52	190.54	-92.62	197.36	187.09	10.27	19.213	
1,200.00	1,185.63	1,168.35	1,152.77	5.10	5.01	97.03	207.76	-115.39	215.72	204.80	10.92	19.748	
1,300.00	1,282.66	1,266.56	1,246.36	5.46	5.41	96.47	225.72	-139.14	234.43	222.78	11.65	20.125	
1,400.00	1,379.69	1,364.77	1,339.95	5.85	5.84	95.99	243.68	-162.89	253.15	240.74	12.41	20.394	
1,500.00	1,476.72	1,462.98	1,433.53	6.25	6.29	95.57	261.64	-186.64	271.89	258.68	13.21	20.578	
1,600.00	1,573.75	1,561.19	1,527.12	6.66	6.76	95.21	279.61	-210.39	290.65	276.61	14.04	20.703	
1,700.00	1,670.78	1,659.40	1,620.71	7.08	7.24	94.89	297.57	-234.14	309.41	294.52	14.89	20.783	
1,800.00	1,767.81	1,757.61	1,714.30	7.31	7.60	94.61	315.53	-257.89	328.18	312.94	15.24	21.535	
1,900.00	1,864.84	1,855.82	1,807.88	7.38	7.77	94.36	333.49	-281.64	346.96	331.67	15.28	22.703	
2,000.00	1,961.87	1,954.03	1,901.47	7.48	7.89	94.14	351.45	-305.39	365.74	350.27	15.47	23.639	
2,100.00	2,058.90	2,052.24	1,995.06	7.61	8.04	93.94	369.42	-329.14	384.53	368.80	15.72	24.454	
2,200.00	2,155.92	2,150.46	2,088.65	7.77	8.22	93.75	387.38	-352.89	403.32	387.28	16.04	25.147	
2,300.00	2,252.95	2,248.67	2,182.23	7.96	8.44	93.58	405.34	-376.64	422.12	405.71	16.41	25.725	
2,400.00	2,349.98	2,346.88	2,275.82	8.17	8.70	93.43	423.30	-400.39	440.92	424.08	16.83	26.195	
2,500.00	2,447.01	2,445.09	2,369.41	8.41	8.98	93.29	441.26	-424.14	459.72	442.41	17.30	26.567	
2,600.00	2,544.04	2,543.30	2,462.99	8.66	9.28	93.16	459.23	-447.89	478.52	460.70	17.82	26.851	
2,700.00	2,641.07	2,641.51	2,556.58	8.94	9.61	93.04	477.19	-471.65	497.33	478.95	18.38	27.060	
2,800.00	2,738.10	2,739.72	2,650.17	9.23	9.96	92.93	495.15	-495.40	516.14	497.16	18.97	27.203	
2,900.00	2,835.13	2,837.93	2,743.76	9.54	10.33	92.83	513.11	-519.15	534.95	515.35	19.60	27.291	
3,000.00	2,932.16	2,936.14	2,837.34	9.86	10.72	92.73	531.07	-542.90	553.76	533.50	20.26	27.332	
3,100.00	3,029.19	3,034.35	2,930.93	10.20	11.12	92.64	549.04	-566.65	572.57	551.63	20.95	27.335	
3,200.00	3,126.22	3,132.56	3,024.52	10.55	11.53	92.55	567.00	-590.40	591.39	569.73	21.66	27.307	
3,300.00	3,223.25	3,230.77	3,118.11	10.91	11.96	92.48	584.96	-614.15	610.20	587.81	22.39	27.254	
3,400.00	3,320.28	3,328.98	3,211.69	11.28	12.40	92.40	602.92	-637.90	629.02	605.88	23.14	27.180	
3,500.00	3,417.31	3,427.19	3,305.28	11.66	12.84	92.33	620.88	-661.65	647.84	623.92	23.91	27.091	
3,600.00	3,514.34	3,525.40	3,398.87	12.05	13.30	92.27	638.85	-685.40	666.66	641.95	24.70	26.989	
3,700.00	3,611.37	3,623.61	3,492.46	12.44	13.77	92.20	656.81	-709.15	685.47	659.97	25.50	26.878	
3,800.00	3,708.40	3,721.82	3,586.04	12.84	14.24	92.14	674.77	-732.90	704.29	677.98	26.32	26.761	
3,900.00	3,805.43	3,820.03	3,679.63	13.25	14.72	92.09	692.73	-756.65	723.12	695.97	27.15	26.638	
4,000.00	3,902.46	3,918.24	3,773.22	13.66	15.20	92.03	710.70	-780.40	741.94	713.95	27.98	26.513	
4,100.00	3,999.49	4,016.46	3,866.81	14.08	15.69	91.98	728.66	-804.15	760.76	731.93	28.83	26.385	
4,200.00	4,096.52	4,114.67	3,960.39	14.50	16.18	91.94	746.62	-827.90	779.58	749.89	29.69	26.257	
4,300.00	4,193.55	4,212.88	4,053.98	14.92	16.68	91.89	764.58	-851.65	798.40	767.85	30.56	26.128	
4,400.00	4,290.58	4,311.09	4,147.57	15.35	17.18	91.85	782.54	-875.40	817.23	785.80	31.43	26.001	
4,500.00	4,387.61	4,409.30	4,241.16	15.78	17.69	91.80	800.51	-899.15	836.05	803.74	32.31	25.874	
4,600.00	4,484.63	4,507.51	4,334.74	16.22	18.20	91.76	818.47	-922.90	854.88	821.68	33.20	25.750	
4,700.00	4,581.66	4,605.72	4,428.33	16.66	18.71	91.73	836.43	-946.65	873.70	839.61	34.09	25.627	
4,800.00	4,678.69	4,703.93	4,521.92	17.10	19.23	91.69	854.39	-970.40	892.53	857.53	34.99	25.507	
4,900.00	4,775.72	4,802.14	4,615.51	17.55	19.75	91.65	872.35	-994.15	911.35	875.46	35.90	25.389	
5,000.00	4,872.75	4,900.35	4,709.09	17.99	20.27	91.62	890.32	-1,017.90	930.18	893.37	36.80	25.273	
5,100.00	4,969.78	5,001.44	4,802.68	18.44	20.81	91.59	908.28	-1,041.65	949.00	911.27	37.73	25.151	
5,200.00	5,066.81	5,096.77	4,896.27	18.89	21.32	91.56	926.24	-1,065.40	967.83	929.20	38.63	25.051	
5,300.00	5,163.84	5,205.02	4,989.85	19.35	21.90	91.53	944.20	-1,089.15	986.66	947.05	39.60	24.913	
5,400.00	5,260.87	5,293.19	5,083.44	19.80	22.37	91.50	962.16	-1,112.90	1,005.48	965.00	40.48	24.839	
5,500.00	5,357.90	5,408.60	5,177.03	20.26	23.00	91.47	980.13	-1,136.65	1,024.31	982.82	41.49	24.687	
5,600.00	5,454.93	5,489.61	5,270.62	20.71	23.44	91.44	998.09	-1,160.40	1,043.14	1,000.80	42.34	24.638	
5,700.00	5,551.96	5,587.82	5,364.20	21.17	23.97	91.42	1,016.05	-1,184.15	1,061.97	1,018.69	43.27	24.541	
5,800.00	5,648.99	5,686.03	5,457.79	21.63	24.50	91.39	1,034.01	-1,207.90	1,080.79	1,036.59	44.21	24.448	
5,900.00	5,746.02	5,784.24	5,551.38	22.09	25.04	91.37	1,051.97	-1,231.65	1,099.62	1,054.47	45.15	24.356	
6,000.00	5,843.05	5,882.46	5,644.97	22.56	25.58	91.35	1,069.94	-1,255.40	1,118.45	1,072.36	46.09	24.267	
6,100.00	5,940.08	5,980.67	5,738.55	23.02	26.12	91.32	1,087.90	-1,279.15	1,137.28	1,090.25	47.03	24.181	
6,200.00	6,037.11	6,078.88	5,832.14	23.49	26.66	91.30	1,105.86	-1,302.90	1,156.11	1,108.13	47.98	24.097	
6,300.00	6,134.14	6,177.09	5,925.73	23.95	27.20	91.28	1,123.82	-1,326.65	1,174.94	1,126.01	48.92	24.015	
6,400.00	6,231.54	6,275.25	6,019.27	24.36	27.74	92.59	1,141.78	-1,350.39	1,193.76	1,143.96	49.80	23.970	

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
0.00	0.00	3.00	-3.00	3.28	3.28	56.81	118.40	180.98	216.27				
100.00	100.00	103.00	97.00	3.28	3.28	56.81	118.40	180.98	216.27	208.75	7.53	28.731	
200.00	200.00	203.00	197.00	3.30	3.30	56.81	118.40	180.98	216.27	208.70	7.57	28.571	
200.00	200.00	203.00	197.00	3.30	3.30	56.81	118.40	180.98	216.27	208.70	7.57	28.571	CC, ES
300.00	300.00	296.84	296.83	3.34	3.34	148.06	118.73	180.79	216.66	209.01	7.65	28.315	
400.00	399.93	396.40	396.34	3.41	3.41	147.63	121.62	179.08	219.78	212.01	7.78	28.266	SF
500.00	499.68	495.70	495.40	3.49	3.50	146.78	127.46	175.62	226.06	218.11	7.95	28.449	
600.00	599.13	594.54	593.71	3.60	3.61	145.58	136.21	170.45	235.54	227.37	8.17	28.845	
700.00	698.15	692.76	691.00	3.75	3.75	144.11	147.79	163.60	248.28	239.84	8.44	29.421	
800.00	796.63	790.18	786.99	3.93	3.91	142.45	162.11	155.14	264.34	255.57	8.77	30.135	
900.00	894.44	887.16	881.95	4.16	4.11	140.72	178.99	145.15	283.71	274.54	9.17	30.937	
1,000.00	991.57	984.57	977.20	4.44	4.35	139.51	196.56	134.76	305.66	296.03	9.63	31.727	
1,100.00	1,088.60	1,081.92	1,072.40	4.75	4.61	138.64	214.13	124.37	328.01	317.87	10.14	32.355	
1,200.00	1,185.63	1,179.28	1,167.59	5.10	4.89	137.88	231.69	113.98	350.43	339.75	10.68	32.799	
1,300.00	1,282.66	1,276.64	1,262.78	5.46	5.19	137.21	249.26	103.59	372.90	361.63	11.27	33.097	
1,400.00	1,379.69	1,373.99	1,357.97	5.85	5.50	136.61	266.82	93.21	395.41	383.53	11.88	33.285	
1,500.00	1,476.72	1,471.35	1,453.17	6.25	5.82	136.08	284.39	82.82	417.96	405.44	12.52	33.386	
1,600.00	1,573.75	1,568.70	1,548.36	6.66	6.15	135.60	301.96	72.43	440.54	427.36	13.18	33.425	
1,700.00	1,670.78	1,666.06	1,643.55	7.08	6.50	135.17	319.52	62.04	463.14	449.28	13.86	33.417	
1,800.00	1,767.81	1,763.41	1,738.74	7.31	6.74	134.78	337.09	51.65	485.77	471.67	14.10	34.458	
1,900.00	1,864.84	1,860.77	1,833.94	7.38	6.85	134.43	354.65	41.26	508.41	494.33	14.08	36.103	
2,000.00	1,961.87	1,958.12	1,929.13	7.48	6.92	134.10	372.22	30.87	531.08	516.85	14.23	37.332	
2,100.00	2,058.90	2,055.48	2,024.32	7.61	7.01	133.81	389.78	20.49	553.76	539.34	14.42	38.412	
2,200.00	2,155.92	2,152.84	2,119.52	7.77	7.12	133.53	407.35	10.10	576.45	561.80	14.65	39.345	
2,300.00	2,252.95	2,250.19	2,214.71	7.96	7.26	133.28	424.91	-0.29	599.15	584.22	14.93	40.134	
2,400.00	2,349.98	2,347.55	2,309.90	8.17	7.42	133.04	442.48	-10.68	621.87	606.62	15.25	40.787	
2,500.00	2,447.01	2,444.90	2,405.09	8.41	7.59	132.82	460.05	-21.07	644.59	628.99	15.60	41.312	
2,600.00	2,544.04	2,542.26	2,500.29	8.66	7.78	132.62	477.61	-31.46	667.32	651.32	15.99	41.722	
2,700.00	2,641.07	2,639.61	2,595.48	8.94	7.99	132.43	495.18	-41.84	690.06	673.64	16.42	42.029	
2,800.00	2,738.10	2,736.97	2,690.67	9.23	8.21	132.25	512.74	-52.23	712.80	695.93	16.87	42.245	
2,900.00	2,835.13	2,834.33	2,785.86	9.54	8.45	132.08	530.31	-62.62	735.55	718.20	17.36	42.381	
3,000.00	2,932.16	2,931.68	2,881.06	9.86	8.70	131.93	547.87	-73.01	758.31	740.45	17.86	42.449	
3,100.00	3,029.19	3,029.04	2,976.25	10.20	8.96	131.78	565.44	-83.40	781.07	762.68	18.40	42.459	
3,200.00	3,126.22	3,126.39	3,071.44	10.55	9.23	131.64	583.00	-93.79	803.84	784.89	18.95	42.421	
3,300.00	3,223.25	3,223.75	3,166.64	10.91	9.51	131.51	600.57	-104.17	826.61	807.09	19.52	42.343	
3,400.00	3,320.28	3,321.10	3,261.83	11.28	9.80	131.38	618.14	-114.56	849.39	829.27	20.11	42.231	
3,500.00	3,417.31	3,418.46	3,357.02	11.66	10.10	131.26	635.70	-124.95	872.17	851.45	20.72	42.093	
3,600.00	3,514.34	3,515.81	3,452.21	12.05	10.41	131.15	653.27	-135.34	894.95	873.61	21.34	41.934	
3,700.00	3,611.37	3,613.17	3,547.41	12.44	10.72	131.04	670.83	-145.73	917.73	895.76	21.98	41.757	
3,800.00	3,708.40	3,710.53	3,642.60	12.84	11.04	130.94	688.40	-156.12	940.52	917.90	22.63	41.568	
3,900.00	3,805.43	3,807.88	3,737.79	13.25	11.36	130.84	705.96	-166.51	963.31	940.03	23.29	41.369	
4,000.00	3,902.46	3,905.24	3,832.98	13.66	11.69	130.75	723.53	-176.89	986.11	962.15	23.96	41.163	
4,100.00	3,999.49	4,002.59	3,928.18	14.08	12.02	130.66	741.09	-187.28	1,008.90	984.27	24.64	40.953	
4,200.00	4,096.52	4,100.05	4,023.37	14.50	12.36	130.58	758.66	-197.67	1,031.70	1,006.37	25.32	40.738	
4,300.00	4,193.55	4,202.70	4,118.56	14.92	12.73	130.50	776.23	-208.06	1,054.50	1,028.46	26.04	40.495	
4,400.00	4,290.58	4,305.34	4,213.75	15.35	13.09	130.42	793.79	-218.45	1,077.30	1,050.54	26.76	40.253	
4,500.00	4,387.61	4,407.98	4,308.95	15.78	13.46	130.35	811.36	-228.84	1,100.10	1,072.61	27.49	40.012	
4,600.00	4,484.63	4,489.37	4,404.14	16.22	13.76	130.28	828.92	-239.22	1,122.91	1,094.75	28.16	39.883	
4,700.00	4,581.66	4,586.73	4,499.33	16.66	14.11	130.21	846.49	-249.61	1,145.72	1,116.84	28.88	39.673	
4,800.00	4,678.69	4,684.08	4,594.53	17.10	14.47	130.14	864.05	-260.00	1,168.52	1,138.92	29.61	39.467	
4,900.00	4,775.72	4,781.44	4,689.72	17.55	14.83	130.08	881.62	-270.39	1,191.33	1,160.99	30.34	39.263	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 30N-11C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	-3.00	3.28	3.28	61.44	98.36	180.71	205.74				
100.00	100.00	103.00	97.00	3.28	3.28	61.44	98.36	180.71	205.74	198.21	7.53	27.332	
200.00	200.00	203.00	197.00	3.30	3.30	61.44	98.36	180.71	205.74	198.17	7.57	27.180	CC, ES
200.23	200.23	202.77	197.23	3.30	3.30	61.44	98.36	180.71	205.74	198.17	7.57	27.180	
300.00	300.00	297.39	297.39	3.34	3.34	152.68	98.68	180.48	206.08	198.43	7.65	26.932	
400.00	399.93	398.15	398.09	3.41	3.41	152.16	101.49	178.49	208.80	201.02	7.78	26.852	
500.00	499.68	498.67	498.36	3.49	3.50	151.14	107.17	174.48	214.26	206.31	7.95	26.962	
600.00	599.13	598.79	597.93	3.60	3.62	149.68	115.68	168.47	222.55	214.38	8.17	27.250	
700.00	698.15	698.35	696.52	3.75	3.75	147.88	126.95	160.50	233.76	225.32	8.44	27.692	
800.00	796.63	802.82	793.88	3.93	3.94	145.88	140.84	150.69	248.01	239.22	8.79	28.221	
900.00	894.44	904.53	890.52	4.16	4.15	144.25	155.46	140.35	265.29	256.10	9.19	28.859	
1,000.00	991.57	1,006.60	986.81	4.44	4.38	143.26	170.04	130.05	285.13	275.47	9.66	29.531	
1,100.00	1,088.60	1,108.74	1,083.03	4.75	4.64	142.55	184.60	119.76	305.36	295.20	10.15	30.070	
1,200.00	1,185.63	1,189.13	1,179.26	5.10	4.86	141.93	199.17	109.46	325.62	314.99	10.63	30.621	
1,300.00	1,282.66	1,287.00	1,275.49	5.46	5.14	141.38	213.73	99.17	345.92	334.73	11.19	30.907	
1,400.00	1,379.69	1,384.86	1,371.72	5.85	5.43	140.89	228.30	88.87	366.25	354.47	11.78	31.093	
1,500.00	1,476.72	1,482.73	1,467.95	6.25	5.73	140.45	242.86	78.58	386.60	374.21	12.39	31.202	
1,600.00	1,573.75	1,580.60	1,564.17	6.66	6.04	140.06	257.43	68.29	406.97	393.95	13.02	31.253	
1,700.00	1,670.78	1,678.46	1,660.40	7.08	6.36	139.70	271.99	57.99	427.36	413.69	13.67	31.260	
1,800.00	1,767.81	1,776.33	1,756.63	7.31	6.57	139.38	286.55	47.70	447.76	434.06	13.70	32.694	
1,900.00	1,864.84	1,874.20	1,852.86	7.38	6.64	139.08	301.12	37.41	468.17	454.35	13.82	33.872	
2,000.00	1,961.87	1,972.07	1,949.09	7.48	6.71	138.81	315.68	27.11	488.60	474.64	13.96	35.009	
2,100.00	2,058.90	2,069.93	2,045.31	7.61	6.79	138.56	330.25	16.82	509.03	494.90	14.13	36.014	
2,200.00	2,155.92	2,167.80	2,141.54	7.77	6.89	138.33	344.81	6.53	529.48	515.12	14.35	36.885	
2,300.00	2,252.95	2,265.67	2,237.77	7.96	7.01	138.12	359.38	-3.77	549.93	535.31	14.62	37.627	
2,400.00	2,349.98	2,363.53	2,334.00	8.17	7.15	137.92	373.94	-14.06	570.38	555.47	14.91	38.245	
2,500.00	2,447.01	2,461.40	2,430.23	8.41	7.31	137.74	388.51	-24.35	590.85	575.60	15.25	38.747	
2,600.00	2,544.04	2,559.27	2,526.46	8.66	7.48	137.56	403.07	-34.65	611.31	595.70	15.62	39.143	
2,700.00	2,641.07	2,657.13	2,622.68	8.94	7.67	137.40	417.64	-44.94	631.79	615.77	16.02	39.444	
2,800.00	2,738.10	2,755.00	2,718.91	9.23	7.87	137.25	432.20	-55.23	652.27	635.82	16.45	39.661	
2,900.00	2,835.13	2,852.87	2,815.14	9.54	8.09	137.11	446.77	-65.53	672.75	655.85	16.90	39.803	
3,000.00	2,932.16	2,950.73	2,911.37	9.86	8.31	136.98	461.33	-75.82	693.23	675.85	17.38	39.882	
3,100.00	3,029.19	3,048.60	3,007.60	10.20	8.55	136.85	475.89	-86.11	713.72	695.84	17.89	39.906	
3,200.00	3,126.22	3,146.47	3,103.82	10.55	8.80	136.74	490.46	-96.41	734.21	715.80	18.41	39.883	
3,300.00	3,223.25	3,244.34	3,200.05	10.91	9.05	136.62	505.02	-106.70	754.71	735.76	18.95	39.822	
3,400.00	3,320.28	3,342.20	3,296.28	11.28	9.32	136.52	519.59	-116.99	775.21	755.69	19.51	39.729	
3,500.00	3,417.31	3,440.07	3,392.51	11.66	9.59	136.42	534.15	-127.29	795.71	775.62	20.09	39.610	
3,600.00	3,514.34	3,537.94	3,488.74	12.05	9.87	136.32	548.72	-137.58	816.21	795.53	20.68	39.470	
3,700.00	3,611.37	3,635.80	3,584.97	12.44	10.15	136.23	563.28	-147.87	836.71	815.43	21.28	39.313	
3,800.00	3,708.40	3,733.67	3,681.19	12.84	10.45	136.15	577.85	-158.17	857.22	835.32	21.90	39.143	
3,900.00	3,805.43	3,831.54	3,777.42	13.25	10.74	136.06	592.41	-168.46	877.73	855.20	22.53	38.963	
4,000.00	3,902.46	3,929.40	3,873.65	13.66	11.04	135.98	606.98	-178.75	898.24	875.07	23.17	38.775	
4,100.00	3,999.49	4,027.27	3,969.88	14.08	11.35	135.91	621.54	-189.05	918.75	894.93	23.81	38.583	
4,200.00	4,096.52	4,125.14	4,066.11	14.50	11.66	135.84	636.10	-199.34	939.26	914.79	24.47	38.386	
4,300.00	4,193.55	4,223.01	4,162.33	14.92	11.98	135.77	650.67	-209.63	959.77	934.64	25.13	38.188	
4,400.00	4,290.58	4,320.87	4,258.56	15.35	12.30	135.70	665.23	-219.93	980.29	954.48	25.80	37.989	
4,500.00	4,387.61	4,418.74	4,354.79	15.78	12.62	135.64	679.80	-230.22	1,000.80	974.32	26.48	37.791	
4,600.00	4,484.63	4,516.61	4,451.02	16.22	12.94	135.58	694.36	-240.51	1,021.32	994.15	27.17	37.593	
4,700.00	4,581.66	4,614.47	4,547.25	16.66	13.27	135.52	708.93	-250.81	1,041.84	1,013.98	27.86	37.398	
4,800.00	4,678.69	4,712.34	4,643.47	17.10	13.60	135.46	723.49	-261.10	1,062.36	1,033.81	28.55	37.205	
4,900.00	4,775.72	4,810.21	4,739.70	17.55	13.94	135.41	738.06	-271.39	1,082.88	1,053.62	29.26	37.015	
5,000.00	4,872.75	4,908.07	4,835.93	17.99	14.27	135.36	752.62	-281.69	1,103.40	1,073.44	29.96	36.828	
5,100.00	4,969.78	5,005.94	4,932.16	18.44	14.61	135.31	767.19	-291.98	1,123.92	1,093.25	30.67	36.644	
5,200.00	5,066.81	5,103.81	5,028.39	18.89	14.95	135.26	781.75	-302.27	1,144.45	1,113.06	31.39	36.464	
5,300.00	5,163.84	5,201.67	5,124.62	19.35	15.29	135.21	796.32	-312.57	1,164.97	1,132.87	32.10	36.288	
5,400.00	5,260.87	5,299.54	5,220.84	19.80	15.64	135.17	810.88	-322.86	1,185.49	1,152.67	32.83	36.115	
6,800.00	6,620.94	7,775.00	7,042.26	24.74	35.56	-100.57	1,081.80	-1,353.23	1,194.00	1,138.03	55.98	21.330	
6,900.00	6,706.80	7,723.71	7,042.40	24.91	34.40	-100.68	1,082.11	-1,301.94	1,167.15	1,111.03	56.11	20.800	
7,000.00	6,783.62	7,659.64	7,042.59	25.23	33.00	-99.85	1,082.51	-1,237.87	1,148.16	1,092.32	55.84	20.561	
7,100.00	6,849.51	7,584.37	7,042.80	25.75	31.42	-98.41	1,082.97	-1,162.60	1,135.91	1,080.62	55.29	20.544	
7,200.00	6,902.84	7,485.61	7,042.43	26.52	29.49	-96.38	1,083.47	-1,063.85	1,128.78	1,074.33	54.45	20.730	
7,300.00	6,942.30	7,333.64	7,018.23	27.55	26.80	-92.82	1,080.65	-914.22	1,121.90	1,068.76	53.13	21.115	
7,400.00	6,966.92	7,207.84	6,972.13	28.83	24.94	-89.70	1,074.31	-797.55	1,114.41	1,061.84	52.57	21.198	
7,500.00	6,976.11	7,100.29	6,915.39	30.30	23.65	-86.92	1,066.20	-706.70	1,107.36	1,054.77	52.58	21.060	
7,600.00	6,978.26	7,012.00	6,858.06	31.95	22.78	-83.85	1,057.87	-640.18	1,102.11	1,049.02	53.09	20.760	
7,672.49	6,979.82	6,960.64	6,820.69	33.27	22.35	-81.84	1,052.39	-605.38	1,100.79	1,047.09	53.71	20.497	

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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)				
7,700.00	6,980.41	6,943.47	6,807.60	33.78	22.21	-81.14	1,050.46	-594.44	1,101.00	1,047.05	53.95	20.407			
7,800.00	6,982.56	6,889.87	6,764.93	35.76	21.82	-78.87	1,044.16	-562.65	1,105.58	1,050.56	55.02	20.095			
7,900.00	6,984.70	6,847.37	6,729.31	37.87	21.53	-76.98	1,038.88	-540.09	1,116.78	1,060.63	56.15	19.890			
8,000.00	6,986.85	6,813.12	6,699.58	40.08	21.32	-75.41	1,034.45	-523.70	1,135.07	1,077.80	57.27	19.820 SF			
8,100.00	6,989.00	6,785.09	6,674.62	42.39	21.16	-74.10	1,030.73	-511.49	1,160.53	1,102.23	58.31	19.904			
8,200.00	6,991.15	6,761.81	6,653.51	44.78	21.03	-73.00	1,027.57	-502.21	1,193.01	1,133.78	59.23	20.142			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	96.81	-21.49	179.87	181.15				
100.00	100.00	103.00	97.00	3.28	3.28	96.81	-21.49	179.87	181.15	173.62	7.53	24.065	
200.00	200.00	203.00	197.00	3.30	3.30	96.81	-21.49	179.87	181.15	173.58	7.57	23.931	CC
300.00	300.00	299.86	299.86	3.34	3.34	-171.85	-21.63	179.46	181.21	173.56	7.65	23.685	
400.00	399.93	405.93	405.86	3.41	3.41	-171.51	-22.81	175.84	181.41	173.65	7.77	23.361	
500.00	499.68	511.97	511.61	3.49	3.50	-170.81	-25.21	168.49	181.73	173.81	7.92	22.944	
600.00	599.13	614.58	613.66	3.60	3.61	-169.88	-28.52	158.37	182.73	174.61	8.13	22.486	
700.00	698.15	714.46	712.96	3.75	3.75	-169.12	-31.86	148.17	186.89	178.50	8.38	22.291	
800.00	796.63	814.15	812.07	3.93	3.91	-168.59	-35.19	137.98	194.48	185.80	8.69	22.391	
900.00	894.44	913.53	910.88	4.16	4.09	-168.28	-38.50	127.83	205.50	196.47	9.03	22.756	
1,000.00	991.57	1,012.55	1,009.32	4.44	4.29	-168.19	-41.81	117.71	219.48	210.07	9.41	23.313	
1,100.00	1,088.60	1,111.50	1,107.70	4.75	4.50	-168.15	-45.11	107.60	233.89	224.07	9.82	23.811	
1,200.00	1,185.63	1,210.46	1,206.09	5.10	4.72	-168.11	-48.42	97.49	248.30	238.04	10.26	24.203	
1,300.00	1,282.66	1,309.42	1,304.47	5.46	4.96	-168.08	-51.72	87.38	262.70	251.98	10.72	24.505	
1,400.00	1,379.69	1,408.37	1,402.85	5.85	5.20	-168.05	-55.03	77.27	277.11	265.91	11.20	24.738	
1,500.00	1,476.72	1,507.33	1,501.24	6.25	5.45	-168.03	-58.33	67.17	291.52	279.81	11.70	24.911	
1,600.00	1,573.75	1,606.29	1,599.62	6.66	5.71	-168.01	-61.64	57.06	305.92	293.70	12.22	25.038	
1,700.00	1,670.78	1,705.24	1,698.00	7.08	5.97	-167.98	-64.94	46.95	320.33	307.59	12.74	25.140	
1,800.00	1,767.81	1,804.20	1,796.39	7.31	6.11	-167.97	-68.24	36.84	334.74	322.09	12.65	26.472	
1,900.00	1,864.84	1,903.16	1,894.77	7.38	6.13	-167.95	-71.55	26.73	349.14	336.46	12.69	27.520	
2,000.00	1,961.87	2,002.11	1,993.15	7.48	6.18	-167.93	-74.85	16.62	363.55	350.79	12.76	28.483	
2,100.00	2,058.90	2,101.07	2,091.54	7.61	6.24	-167.92	-78.16	6.51	377.96	365.08	12.88	29.356	
2,200.00	2,155.92	2,200.03	2,189.92	7.77	6.32	-167.90	-81.46	-3.60	392.37	379.35	13.02	30.135	
2,300.00	2,252.95	2,301.02	2,288.30	7.96	6.41	-167.89	-84.77	-13.71	406.77	393.57	13.20	30.818	
2,400.00	2,349.98	2,397.94	2,386.69	8.17	6.51	-167.88	-88.07	-23.82	421.18	407.77	13.41	31.417	
2,500.00	2,447.01	2,496.90	2,485.07	8.41	6.63	-167.87	-91.38	-33.93	435.59	421.94	13.64	31.925	
2,600.00	2,544.04	2,604.15	2,583.46	8.66	6.78	-167.86	-94.68	-44.04	449.99	436.07	13.92	32.327	
2,700.00	2,641.07	2,705.19	2,681.84	8.94	6.93	-167.85	-97.98	-54.15	464.40	450.19	14.22	32.668	
2,800.00	2,738.10	2,806.23	2,780.22	9.23	7.09	-167.84	-101.29	-64.26	478.81	464.27	14.54	32.937	
2,900.00	2,835.13	2,907.28	2,878.61	9.54	7.27	-167.83	-104.59	-74.37	493.22	478.34	14.88	33.143	
3,000.00	2,932.16	2,991.68	2,976.99	9.86	7.42	-167.82	-107.90	-84.48	507.62	492.40	15.22	33.353	
3,100.00	3,029.19	3,109.36	3,075.37	10.20	7.65	-167.82	-111.20	-94.59	522.03	506.40	15.63	33.392	
3,200.00	3,126.22	3,189.59	3,173.76	10.55	7.81	-167.81	-114.51	-104.70	536.44	520.44	16.00	33.527	
3,300.00	3,223.25	3,288.55	3,272.14	10.91	8.01	-167.80	-117.81	-114.80	550.85	534.43	16.42	33.554	
3,400.00	3,320.28	3,387.51	3,370.52	11.28	8.22	-167.80	-121.11	-124.91	565.25	548.40	16.85	33.549	
3,500.00	3,417.31	3,486.46	3,468.91	11.66	8.44	-167.79	-124.42	-135.02	579.66	562.37	17.30	33.516	
3,600.00	3,514.34	3,585.42	3,567.29	12.05	8.67	-167.78	-127.72	-145.13	594.07	576.31	17.76	33.459	
3,700.00	3,611.37	3,684.38	3,666.67	12.44	8.90	-167.78	-131.03	-155.24	608.48	590.25	18.23	33.383	
3,800.00	3,708.40	3,783.33	3,764.06	12.84	9.14	-167.77	-134.33	-165.35	622.88	604.17	18.71	33.290	
3,900.00	3,805.43	3,882.29	3,862.44	13.25	9.38	-167.77	-137.64	-175.46	637.29	618.08	19.20	33.184	
4,000.00	3,902.46	3,981.25	3,960.82	13.66	9.63	-167.76	-140.94	-185.57	651.70	631.99	19.71	33.067	
4,100.00	3,999.49	4,080.20	4,059.21	14.08	9.88	-167.76	-144.24	-195.68	666.10	645.88	20.22	32.941	
4,200.00	4,096.52	4,179.16	4,157.59	14.50	10.14	-167.75	-147.55	-205.79	680.51	659.77	20.74	32.808	
4,300.00	4,193.55	4,278.12	4,255.97	14.92	10.39	-167.75	-150.85	-215.90	694.92	673.65	21.27	32.671	
4,400.00	4,290.58	4,377.07	4,354.36	15.35	10.66	-167.75	-154.16	-226.01	709.33	687.52	21.81	32.529	
4,500.00	4,387.61	4,476.03	4,452.74	15.78	10.92	-167.74	-157.46	-236.12	723.73	701.39	22.35	32.385	
4,600.00	4,484.63	4,574.99	4,551.12	16.22	11.19	-167.74	-160.77	-246.23	738.14	715.25	22.90	32.239	
4,700.00	4,581.66	4,673.94	4,649.51	16.66	11.46	-167.73	-164.07	-256.34	752.55	729.10	23.45	32.092	
4,800.00	4,678.69	4,772.90	4,747.89	17.10	11.74	-167.73	-167.38	-266.45	766.96	742.95	24.01	31.944	
4,900.00	4,775.72	4,871.86	4,846.28	17.55	12.01	-167.73	-170.68	-276.56	781.36	756.79	24.57	31.798	
5,000.00	4,872.75	4,970.81	4,944.66	17.99	12.29	-167.72	-173.98	-286.66	795.77	770.63	25.14	31.652	
5,100.00	4,969.78	5,069.77	5,043.04	18.44	12.57	-167.72	-177.29	-296.77	810.18	784.46	25.71	31.507	
5,200.00	5,066.81	5,168.73	5,141.43	18.89	12.86	-167.72	-180.59	-306.88	824.59	798.29	26.29	31.364	
5,300.00	5,163.84	5,267.68	5,239.81	19.35	13.14	-167.71	-183.90	-316.99	838.99	812.12	26.87	31.223	
5,400.00	5,260.87	5,366.64	5,338.19	19.80	13.43	-167.71	-187.20	-327.10	853.40	825.95	27.45	31.084	
5,500.00	5,357.90	5,465.60	5,436.58	20.26	13.71	-167.71	-190.51	-337.21	867.81	839.77	28.04	30.947	
5,600.00	5,454.93	5,564.55	5,534.96	20.71	14.00	-167.71	-193.81	-347.32	882.22	853.58	28.63	30.812	
5,700.00	5,551.96	5,663.51	5,633.34	21.17	14.29	-167.70	-197.11	-357.43	896.62	867.40	29.23	30.680	
5,800.00	5,648.99	5,762.47	5,731.73	21.63	14.59	-167.70	-200.42	-367.54	911.03	881.21	29.82	30.550	
5,900.00	5,746.02	5,861.42	5,830.11	22.09	14.88	-167.70	-203.72	-377.65	925.44	895.02	30.42	30.423	
6,000.00	5,843.05	5,960.38	5,928.49	22.56	15.17	-167.70	-207.03	-387.76	939.84	908.83	31.02	30.298	
6,100.00	5,940.08	6,059.34	6,026.88	23.02	15.47	-167.69	-210.33	-397.87	954.25	922.63	31.62	30.176	
6,200.00	6,037.11	6,158.29	6,125.26	23.49	15.77	-167.69	-213.64	-407.98	968.66	936.43	32.23	30.057	
6,300.00	6,134.14	6,257.25	6,223.64	23.95	16.06	-167.69	-216.94	-418.09	983.07	950.23	32.83	29.940	
6,400.00	6,231.54	6,348.83	6,315.52	24.36	16.31	-167.69	-220.25	-428.20	997.48	964.04	33.43	29.823	
6,500.00	6,331.02	6,448.85	6,415.51	24.51	16.51	-167.69	-223.56	-438.31	1011.89	977.85	34.03	29.706	
6,600.00	6,431.50	6,559.87	6,526.52	24.66	16.66	-167.69	-226.87	-448.42	1026.30	991.26	34.63	29.589	
6,700.00	6,532.00	6,670.89	6,637.52	24.81	16.81	-167.69	-230.18	-458.53	1040.71	1004.67	35.23	29.472	
6,800.00	6,632.50	6,781.91	6,748.54	24.96	16.96	-167.69	-233.49	-468.64	1055.12	1018.08	35.83	29.355	
6,900.00	6,733.00	6,892.93	6,859.56	25.11	17.11	-167.69	-236.80	-478.75	1069.53	1031.49	36.43	29.238	
7,000.00	6,833.50	7,003.95	6,970.58	25.26	17.26	-167.69	-240.11	-488.86	1083.94	1044.90	37.03	29.121	
7,100.00	6,934.00	7,114.97	7,081.60	25.41	17.41	-167.69	-243.42	-498.97	1098.35	1058.31	37.63	29.004	
7,200.00	7,034.50	7,225.99	7,192.62	25.56	17.56	-167.69	-246.73	-509.08	1112.76	1071.72	38.23	28.887	
7,300.00	7,135.00	7,337.01	7,303.64	25.71	17.71	-167.69	-250.04	-519.19	1127.17	1085.13	38.83	28.770	
7,400.00	7,235.50	7,448.03	7,415.26	25.86	17.86	-167.69	-253.35	-529.30	1141.58	1098.54	39.43	28.653	
7,500.00	7,336.00	7,559.05	7,525.88	26.01	18.01	-167.69	-256.66	-539.41	1155.99	1111.95	40.03	28.536	
7,600.00	7,436.50	7,670.07	7,637.50	26.16	18.								

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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
6,600.00	6,430.70	7,871.20	7,155.52	24.59	34.96	113.49	-252.36	-1,404.29	760.15	727.41	32.73	23.222			
6,700.00	6,528.14	7,849.04	7,155.55	24.65	34.42	129.86	-252.26	-1,382.13	667.25	633.51	33.73	19.779			
6,800.00	6,620.94	7,811.91	7,155.61	24.74	33.52	137.16	-252.09	-1,345.00	580.13	545.24	34.89	16.628			
6,900.00	6,706.80	7,760.73	7,155.69	24.91	32.31	140.01	-251.86	-1,293.82	501.31	465.05	36.26	13.826			
7,000.00	6,783.62	7,703.24	7,155.79	25.23	30.96	140.28	-251.57	-1,229.85	433.01	395.10	37.91	11.421			
7,100.00	6,849.51	7,621.58	7,155.90	25.75	29.14	138.89	-251.22	-1,154.67	376.98	337.37	39.61	9.518			
7,200.00	6,902.84	7,523.50	7,155.21	26.52	27.06	135.60	-250.74	-1,056.61	333.79	292.33	41.46	8.050			
7,300.00	6,942.30	7,388.94	7,134.40	27.55	24.43	128.11	-249.44	-923.92	293.93	249.94	43.99	6.682			
7,400.00	6,966.92	7,273.70	7,094.77	28.83	22.49	119.18	-247.63	-815.90	256.77	209.80	46.97	5.467			
7,500.00	6,976.11	7,172.30	7,044.29	30.30	21.07	108.56	-245.55	-728.10	226.98	177.02	49.96	4.543			
7,600.00	6,978.26	7,086.71	6,991.29	31.95	20.08	94.31	-243.48	-661.02	208.07	155.72	52.34	3.975			
7,645.78	6,979.24	7,053.52	6,968.39	32.78	19.74	87.81	-242.61	-637.01	205.53	152.76	52.78	3.894 ES, SF			
7,700.00	6,980.41	7,018.42	6,942.84	33.78	19.42	80.58	-241.66	-612.96	209.45	157.07	52.39	3.998			
7,800.00	6,982.56	6,963.82	6,900.59	35.76	18.96	69.23	-240.10	-578.45	237.64	187.95	49.69	4.783			
7,900.00	6,984.70	6,919.79	6,864.45	37.87	18.64	60.59	-238.78	-553.34	288.69	242.30	46.38	6.224			
8,000.00	6,986.85	6,883.84	6,833.71	40.08	18.39	54.16	-237.68	-534.73	354.99	311.17	43.82	8.101			
8,100.00	6,989.00	6,850.00	6,803.87	42.39	18.18	48.72	-236.62	-518.83	430.82	388.75	42.07	10.241			
8,200.00	6,991.15	6,829.22	6,785.14	44.78	18.06	45.69	-235.96	-509.86	512.62	471.71	40.91	12.531			
8,300.00	6,993.30	6,800.00	6,758.33	47.23	17.90	41.82	-235.02	-498.29	598.56	558.45	40.11	14.922			
8,400.00	6,995.45	6,800.00	6,758.33	49.74	17.90	41.82	-235.02	-498.29	687.23	647.73	39.50	17.396			
8,500.00	6,997.60	6,774.48	6,734.49	52.29	17.78	38.78	-234.18	-489.20	777.74	738.63	39.11	19.886			
8,600.00	6,999.74	6,750.00	6,711.31	54.89	17.66	36.15	-233.38	-481.38	870.07	831.24	38.83	22.410			
8,700.00	7,001.89	6,750.00	6,711.31	57.52	17.66	36.15	-233.38	-481.38	963.25	924.71	38.53	24.997			
8,800.00	7,004.04	6,750.00	6,711.31	60.18	17.66	36.15	-233.38	-481.38	1,057.68	1,019.38	38.29	27.621			
8,900.00	7,006.19	6,728.87	6,691.07	62.87	17.56	34.08	-232.68	-475.36	1,152.51	1,114.32	38.18	30.183			

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	90.46	-1.46	179.87	179.88					
100.00	100.00	103.00	97.00	3.28	3.28	90.46	-1.46	179.87	179.88	172.35	7.53	23.896		
200.00	200.00	203.00	197.00	3.30	3.30	90.46	-1.46	179.87	179.88	172.31	7.57	23.763		
300.00	300.00	300.15	300.14	3.34	3.34	-178.23	-1.47	179.43	179.90	172.25	7.65	23.513		
400.00	399.93	406.84	406.76	3.41	3.41	-178.22	-1.61	175.58	179.78	172.01	7.77	23.147		
500.00	499.68	513.52	513.15	3.49	3.50	-178.18	-1.88	167.77	179.43	171.51	7.92	22.655		
552.36	551.80	568.32	567.67	3.55	3.56	-178.16	-2.07	162.26	179.20	171.18	8.02	22.347		
600.00	599.13	615.96	615.04	3.60	3.62	-178.14	-2.25	157.24	179.60	171.47	8.12	22.109		
700.00	698.15	715.89	714.42	3.75	3.76	-178.14	-2.61	146.71	183.00	174.63	8.37	21.851		
800.00	796.63	815.65	813.62	3.93	3.92	-178.16	-2.98	136.21	189.89	181.22	8.67	21.904		
900.00	894.44	915.11	912.52	4.16	4.10	-178.21	-3.35	125.73	200.26	191.25	9.00	22.243		
1,000.00	991.57	1,014.20	1,011.07	4.44	4.29	-178.29	-3.71	115.29	213.65	204.28	9.37	22.791		
1,100.00	1,088.60	1,113.24	1,109.56	4.75	4.50	-178.36	-4.08	104.86	227.48	217.71	9.77	23.289		
1,200.00	1,185.63	1,212.28	1,208.04	5.10	4.72	-178.42	-4.44	94.43	241.31	231.12	10.19	23.686		
1,300.00	1,282.66	1,311.32	1,306.53	5.46	4.95	-178.48	-4.81	84.00	255.14	244.51	10.63	23.998		
1,400.00	1,379.69	1,410.36	1,405.02	5.85	5.19	-178.53	-5.17	73.56	268.97	257.88	11.09	24.244		
1,500.00	1,476.72	1,509.40	1,503.50	6.25	5.44	-178.58	-5.53	63.13	282.80	271.23	11.58	24.431		
1,600.00	1,573.75	1,608.43	1,601.99	6.66	5.70	-178.62	-5.90	52.70	296.63	284.56	12.07	24.573		
1,700.00	1,670.78	1,707.47	1,700.48	7.08	5.95	-178.65	-6.26	42.27	310.47	297.89	12.57	24.694		
1,800.00	1,767.81	1,806.51	1,798.97	7.31	6.08	-178.69	-6.63	31.84	324.30	311.84	12.46	26.027		
1,900.00	1,864.84	1,905.55	1,897.45	7.38	6.11	-178.72	-6.99	21.40	338.13	325.63	12.50	27.060		
2,000.00	1,961.87	2,004.59	1,995.94	7.48	6.15	-178.75	-7.36	10.97	351.96	339.39	12.56	28.012		
2,100.00	2,058.90	2,103.63	2,094.43	7.61	6.21	-178.78	-7.72	0.54	365.79	353.12	12.67	28.879		
2,200.00	2,155.92	2,202.67	2,192.91	7.77	6.29	-178.80	-8.08	-9.89	379.62	366.82	12.80	29.659		
2,300.00	2,252.95	2,301.71	2,291.40	7.96	6.38	-178.83	-8.45	-20.32	393.45	380.49	12.96	30.348		
2,400.00	2,349.98	2,400.74	2,389.89	8.17	6.48	-178.85	-8.81	-30.75	407.28	394.12	13.16	30.951		
2,500.00	2,447.01	2,500.22	2,488.38	8.41	6.60	-178.87	-9.18	-41.19	421.12	407.73	13.38	31.468		
2,600.00	2,544.04	2,601.18	2,586.86	8.66	6.74	-178.89	-9.54	-51.62	434.95	421.31	13.63	31.901		
2,700.00	2,641.07	2,697.86	2,685.35	8.94	6.88	-178.90	-9.91	-62.05	448.78	434.87	13.91	32.271		
2,800.00	2,738.10	2,803.10	2,783.84	9.23	7.04	-178.92	-10.27	-72.48	462.61	448.40	14.21	32.546		
2,900.00	2,835.13	2,895.94	2,882.32	9.54	7.20	-178.94	-10.64	-82.91	476.44	461.91	14.53	32.798		
3,000.00	2,932.16	3,005.02	2,980.81	9.86	7.39	-178.95	-11.00	-93.35	490.27	475.39	14.88	32.939		
3,100.00	3,029.19	3,105.98	3,079.30	10.20	7.58	-178.97	-11.36	-103.78	504.11	488.86	15.25	33.058		
3,200.00	3,126.22	3,206.95	3,177.79	10.55	7.78	-178.98	-11.73	-114.21	517.94	502.30	15.63	33.132		
3,300.00	3,223.25	3,307.91	3,276.27	10.91	7.99	-178.99	-12.09	-124.64	531.77	515.74	16.03	33.168		
3,400.00	3,320.28	3,408.87	3,374.76	11.28	8.20	-179.00	-12.46	-135.07	545.60	529.15	16.45	33.171		
3,500.00	3,417.31	3,509.83	3,473.25	11.66	8.42	-179.02	-12.82	-145.51	559.43	542.55	16.88	33.145		
3,600.00	3,514.34	3,589.21	3,571.73	12.05	8.60	-179.03	-13.19	-155.94	573.26	555.99	17.28	33.178		
3,700.00	3,611.37	3,688.25	3,670.22	12.44	8.83	-179.04	-13.55	-166.37	587.10	569.37	17.73	33.115		
3,800.00	3,708.40	3,787.29	3,768.71	12.84	9.06	-179.05	-13.91	-176.80	600.93	582.74	18.19	33.035		
3,900.00	3,805.43	3,886.33	3,867.19	13.25	9.30	-179.06	-14.28	-187.23	614.76	596.10	18.66	32.941		
4,000.00	3,902.46	3,985.36	3,965.68	13.66	9.55	-179.07	-14.64	-197.67	628.59	609.45	19.14	32.836		
4,100.00	3,999.49	4,084.40	4,064.17	14.08	9.79	-179.07	-15.01	-208.10	642.42	622.79	19.63	32.720		
4,200.00	4,096.52	4,183.44	4,162.66	14.50	10.04	-179.08	-15.37	-218.53	656.26	636.12	20.13	32.598		
4,300.00	4,193.55	4,282.48	4,261.14	14.92	10.30	-179.09	-15.74	-228.96	670.09	649.45	20.64	32.469		
4,400.00	4,290.58	4,381.52	4,359.63	15.35	10.56	-179.10	-16.10	-239.39	683.92	662.77	21.15	32.336		
4,500.00	4,387.61	4,480.56	4,458.12	15.78	10.82	-179.11	-16.47	-249.83	697.75	676.08	21.67	32.199		
4,600.00	4,484.63	4,579.60	4,556.60	16.22	11.08	-179.11	-16.83	-260.26	711.58	689.39	22.20	32.060		
4,700.00	4,581.66	4,678.63	4,655.09	16.66	11.35	-179.12	-17.19	-270.69	725.42	702.69	22.73	31.920		
4,800.00	4,678.69	4,777.67	4,753.58	17.10	11.62	-179.13	-17.56	-281.12	739.25	715.99	23.26	31.779		
4,900.00	4,775.72	4,876.71	4,852.07	17.55	11.89	-179.13	-17.92	-291.55	753.08	729.28	23.80	31.638		
5,000.00	4,872.75	4,975.75	4,950.55	17.99	12.17	-179.14	-18.29	-301.99	766.91	742.56	24.35	31.497		
5,100.00	4,969.78	5,074.79	5,049.04	18.44	12.45	-179.14	-18.65	-312.42	780.74	755.84	24.90	31.357		
5,200.00	5,066.81	5,173.83	5,147.53	18.89	12.73	-179.15	-19.02	-322.85	794.58	769.12	25.45	31.218		
5,300.00	5,163.84	5,272.87	5,246.01	19.35	13.01	-179.15	-19.38	-333.28	808.41	782.40	26.01	31.081		
5,400.00	5,260.87	5,371.91	5,344.50	19.80	13.29	-179.16	-19.74	-343.71	822.24	795.67	26.57	30.946		
5,500.00	5,357.90	5,470.94	5,442.99	20.26	13.57	-179.16	-20.11	-354.15	836.07	808.94	27.13	30.812		
5,600.00	5,454.93	5,569.98	5,541.48	20.71	13.86	-179.17	-20.47	-364.58	849.90	822.20	27.70	30.681		
5,700.00	5,551.96	5,669.02	5,639.96	21.17	14.14	-179.17	-20.84	-375.01	863.74	835.46	28.27	30.552		
5,800.00	5,648.99	5,768.06	5,738.45	21.63	14.43	-179.18	-21.20	-385.44	877.57	848.72	28.84	30.425		
5,900.00	5,746.02	5,867.10	5,836.94	22.09	14.72	-179.18	-21.57	-395.87	891.40	861.98	29.42	30.300		
6,000.00	5,843.05	5,966.14	5,935.42	22.56	15.01	-179.19	-21.93	-406.31	905.23	875.24	30.00	30.178		
6,100.00	5,940.08	6,065.18	6,033.91	23.02	15.30	-179.19	-22.29	-416.74	919.06	888.49	30.58	30.058		
6,200.00	6,037.11	6,162.73	6,132.64	23.49	15.60	-179.19	-22.65	-427.17	932.89	901.73	31.16	29.947		
6,300.00	6,134.14	6,261.79	6,232.61	23.95	15.90	-179.19	-23.01	-437.60	946.72	914.96	31.74	29.836		
6,400.00	6,231.17	6,361.86	6,333.68	24.41	16.20	-179.19	-23.37	-448.03	960.55	928.19	32.32	29.725		
6,500.00	6,328.20	6,459.93	6,432.71	24.87	16.50	-179.19	-23.73	-458.46	974.38	941.42	32.90	29.614		
6,600.00	6,425.23	6,558.00	6,531.49	25.33	16.80	-179.19	-24.09	-468.89	988.21	954.65	33.48	29.503		
6,700.00	6,522.26	6,656.07	6,630.56	25.79	17.10	-179.19	-24.45	-479.32	1002.04	967.88	34.06	29.392		
6,800.00	6,619.29	6,754.14	6,729.05	26.25	17.40	-179.19	-24.81	-489.75	1015.87	981.11	34.64	29.281		
6,900.00	6,716.32	6,852.21	6,827.96	26.71	17.70	-179.19	-25.17	-500.18	1029.70	994.34	35.22	29.170		
7,000.00	6,813.35	6,950.28	6,926.99	27.17	18.00	-179.19	-25.53	-510.61	1043.53	1007.57	35.80	29.059		
7,100.00	6,910.38	7,048.35	7,025.00	27.63	18.30	-179.19	-25.89	-521.04	1057.36	1020.80	36.38	28.948		
7,200.00	7,007.41	7,146.42	7,122.96	28.09	18.60	-179.19	-26.25	-531.47	1071.19	1034.03	36.96	28.837		
7,300.00	7,104.44	7,244.49	7,221.97	28.55	18.90	-179.19	-26.61	-541.90	1085.02	1047.26	37.54	28.726		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,331.02	7,683.20	6,962.57	24.51	34.83	169.32	-30.92	-1,411.54	634.55	606.15	28.41	22.337	
6,600.00	6,430.70	7,676.57	6,962.58	24.59	34.66	-178.44	-30.88	-1,404.90	534.88	506.27	28.61	18.693	
6,700.00	6,528.14	7,654.43	6,962.61	24.65	34.12	-178.74	-30.76	-1,382.76	437.48	408.74	28.73	15.225	
6,800.00	6,620.94	7,617.32	6,962.66	24.74	33.20	-178.62	-30.54	-1,345.65	344.74	315.97	28.78	11.980	
6,900.00	6,706.80	7,566.16	6,962.73	24.91	31.97	-178.26	-30.24	-1,294.50	258.97	230.20	28.77	9.001	
7,000.00	6,783.62	7,502.21	6,962.81	25.23	30.45	-177.54	-29.87	-1,230.54	182.27	153.53	28.73	6.343	
7,100.00	6,849.51	7,427.04	6,962.91	25.75	28.75	-176.09	-29.44	-1,155.38	116.57	87.82	28.76	4.054	
7,200.00	6,902.84	7,340.54	6,962.72	26.52	26.86	-172.39	-28.94	-1,068.88	63.32	34.09	29.24	2.166	
7,300.00	6,942.30	7,247.61	6,953.18	27.55	24.94	-146.38	-28.37	-976.53	16.31	-20.51	36.82	0.443	Level 1
7,329.03	6,951.01	7,221.86	6,948.17	27.92	24.44	-91.10	-28.21	-951.27	8.47	-44.43	52.90	0.160	Level 1, CC, ES, SF
7,400.00	6,966.92	7,160.85	6,932.25	28.83	23.29	-17.01	-27.82	-892.41	34.51	1.28	33.23	1.038	Level 2
7,500.00	6,976.11	7,078.87	6,902.12	30.30	21.89	-7.86	-27.29	-816.22	79.12	46.46	32.67	2.422	
7,600.00	6,978.26	7,004.22	6,866.39	31.95	20.77	-5.47	-26.80	-750.73	128.81	95.41	33.40	3.856	
7,700.00	6,980.41	6,939.47	6,829.37	33.78	19.92	-4.23	-26.38	-697.65	187.75	153.62	34.13	5.501	
7,800.00	6,982.56	6,883.87	6,793.41	35.76	19.29	-3.51	-26.02	-655.26	254.07	219.34	34.73	7.315	
7,900.00	6,984.70	6,836.29	6,759.80	37.87	18.80	-3.05	-25.72	-621.59	326.24	291.04	35.20	9.268	
8,000.00	6,986.85	6,800.00	6,732.53	40.08	18.47	-2.76	-25.50	-597.66	403.07	367.49	35.59	11.327	
8,100.00	6,989.00	6,760.52	6,701.37	42.39	18.14	-2.50	-25.26	-573.43	483.50	447.67	35.83	13.494	
8,200.00	6,991.15	6,730.27	6,676.51	44.78	17.91	-2.33	-25.09	-556.20	566.91	530.87	36.04	15.732	
8,300.00	6,993.30	6,700.00	6,650.85	47.23	17.69	-2.18	-24.91	-540.16	652.70	616.51	36.19	18.034	
8,400.00	6,995.45	6,681.03	6,634.39	49.74	17.57	-2.09	-24.81	-530.74	740.36	704.06	36.30	20.394	
8,500.00	6,997.60	6,650.00	6,606.87	52.29	17.37	-1.96	-24.64	-516.39	829.79	793.37	36.42	22.782	
8,600.00	6,999.74	6,650.00	6,606.87	54.89	17.37	-1.96	-24.64	-516.39	920.27	883.84	36.43	25.260	
8,700.00	7,001.89	6,627.11	6,586.14	57.52	17.24	-1.88	-24.52	-506.68	1,011.87	975.36	36.51	27.714	
8,800.00	7,004.04	6,600.00	6,561.17	60.18	17.09	-1.79	-24.38	-496.15	1,104.66	1,068.05	36.61	30.175	
8,900.00	7,006.19	6,600.00	6,561.17	62.87	17.09	-1.79	-24.38	-496.15	1,197.81	1,161.23	36.58	32.741	

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	84.11	18.58	180.15	181.10					
100.00	100.00	103.00	97.00	3.28	3.28	84.11	18.58	180.15	181.10	173.58	7.53	24.059		
200.00	200.00	203.00	197.00	3.30	3.30	84.11	18.58	180.15	181.10	173.53	7.57	23.925	CC	
300.00	300.00	299.97	299.97	3.34	3.34	175.38	18.68	179.73	181.15	173.50	7.65	23.675		
400.00	399.93	406.30	406.22	3.41	3.41	175.06	19.59	176.01	181.25	173.48	7.77	23.328		
500.00	499.68	512.59	512.22	3.49	3.51	174.43	21.44	168.47	181.34	173.42	7.93	22.880		
600.00	599.13	615.20	614.28	3.60	3.63	173.57	23.98	158.13	182.05	173.92	8.13	22.392		
700.00	698.15	715.10	713.60	3.75	3.76	172.83	26.54	147.74	185.95	177.57	8.38	22.180		
800.00	796.63	814.80	812.73	3.93	3.92	172.25	29.08	137.37	193.33	184.65	8.68	22.275		
900.00	894.44	914.20	911.56	4.16	4.10	171.84	31.62	127.03	204.17	195.16	9.01	22.648		
1,000.00	991.57	1,013.23	1,010.02	4.44	4.30	171.61	34.15	116.72	218.02	208.63	9.39	23.223		
1,100.00	1,088.60	1,112.20	1,108.42	4.75	4.50	171.43	36.68	106.43	232.29	222.51	9.78	23.745		
1,200.00	1,185.63	1,211.18	1,206.83	5.10	4.73	171.27	39.21	96.13	246.57	236.37	10.20	24.162		
1,300.00	1,282.66	1,310.15	1,305.23	5.46	4.96	171.14	41.74	85.83	260.85	250.20	10.65	24.491		
1,400.00	1,379.69	1,409.12	1,403.63	5.85	5.20	171.01	44.27	75.54	275.13	264.01	11.12	24.751		
1,500.00	1,476.72	1,508.10	1,502.04	6.25	5.44	170.90	46.80	65.24	289.41	277.81	11.60	24.950		
1,600.00	1,573.75	1,607.07	1,600.44	6.66	5.70	170.80	49.33	54.94	303.69	291.60	12.10	25.101		
1,700.00	1,670.78	1,706.04	1,698.84	7.08	5.95	170.71	51.86	44.64	317.98	305.37	12.60	25.228		
1,800.00	1,767.81	1,805.02	1,797.25	7.31	6.08	170.62	54.39	34.35	332.26	319.76	12.50	26.588		
1,900.00	1,864.84	1,903.99	1,895.65	7.38	6.11	170.54	56.92	24.05	346.55	334.01	12.54	27.644		
2,000.00	1,961.87	2,002.96	1,994.06	7.48	6.15	170.47	59.45	13.75	360.83	348.22	12.61	28.617		
2,100.00	2,058.90	2,101.94	2,092.46	7.61	6.21	170.41	61.97	3.46	375.12	362.40	12.71	29.502		
2,200.00	2,155.92	2,200.91	2,190.86	7.77	6.29	170.34	64.50	-6.84	389.40	376.55	12.85	30.297		
2,300.00	2,252.95	2,300.12	2,289.27	7.96	6.38	170.29	67.03	-17.14	403.69	390.67	13.02	31.000		
2,400.00	2,349.98	2,401.14	2,387.67	8.17	6.48	170.23	69.56	-27.44	417.98	404.75	13.22	31.609		
2,500.00	2,447.01	2,497.83	2,486.07	8.41	6.60	170.19	72.09	-37.73	432.26	418.82	13.45	32.142		
2,600.00	2,544.04	2,603.19	2,584.48	8.66	6.74	170.14	74.62	-48.03	446.55	432.84	13.71	32.570		
2,700.00	2,641.07	2,704.22	2,682.88	8.94	6.89	170.10	77.15	-58.33	460.84	446.85	13.99	32.932		
2,800.00	2,738.10	2,805.25	2,781.29	9.23	7.04	170.05	79.68	-68.62	475.13	460.83	14.30	33.224		
2,900.00	2,835.13	2,906.27	2,879.69	9.54	7.21	170.02	82.21	-78.92	489.42	474.79	14.63	33.451		
3,000.00	2,932.16	3,007.30	2,978.09	9.86	7.39	169.98	84.74	-89.22	503.71	488.72	14.98	33.621		
3,100.00	3,029.19	3,091.67	3,076.50	10.20	7.55	169.95	87.27	-99.52	517.99	502.67	15.33	33.801		
3,200.00	3,126.22	3,209.35	3,174.90	10.55	7.78	169.91	89.80	-109.81	532.28	516.54	15.74	33.814		
3,300.00	3,223.25	3,289.62	3,273.31	10.91	7.94	169.88	92.32	-120.11	546.57	530.46	16.11	33.929		
3,400.00	3,320.28	3,388.59	3,371.71	11.28	8.15	169.85	94.85	-130.41	560.86	544.34	16.53	33.939		
3,500.00	3,417.31	3,487.57	3,470.11	11.66	8.37	169.83	97.38	-140.70	575.15	558.20	16.96	33.921		
3,600.00	3,514.34	3,586.54	3,568.52	12.05	8.59	169.80	99.91	-151.00	589.44	572.04	17.40	33.879		
3,700.00	3,611.37	3,685.51	3,666.92	12.44	8.81	169.77	102.44	-161.30	603.73	585.88	17.85	33.815		
3,800.00	3,708.40	3,784.49	3,765.32	12.84	9.05	169.75	104.97	-171.60	618.02	599.70	18.32	33.734		
3,900.00	3,805.43	3,883.46	3,863.73	13.25	9.28	169.73	107.50	-181.89	632.31	613.51	18.80	33.639		
4,000.00	3,902.46	3,982.43	3,962.13	13.66	9.52	169.71	110.03	-192.19	646.60	627.32	19.28	33.532		
4,100.00	3,999.49	4,081.41	4,060.54	14.08	9.77	169.69	112.56	-202.49	660.89	641.11	19.78	33.415		
4,200.00	4,096.52	4,180.38	4,158.94	14.50	10.02	169.67	115.09	-212.78	675.18	654.90	20.28	33.290		
4,300.00	4,193.55	4,279.35	4,257.34	14.92	10.28	169.65	117.62	-223.08	689.47	668.68	20.79	33.160		
4,400.00	4,290.58	4,378.33	4,355.75	15.35	10.53	169.63	120.14	-233.38	703.76	682.45	21.31	33.025		
4,500.00	4,387.61	4,477.30	4,454.15	15.78	10.79	169.61	122.67	-243.68	718.05	696.22	21.83	32.886		
4,600.00	4,484.63	4,576.27	4,552.55	16.22	11.06	169.59	125.20	-253.97	732.34	709.98	22.36	32.746		
4,700.00	4,581.66	4,675.25	4,650.96	16.66	11.32	169.58	127.73	-264.27	746.63	723.73	22.90	32.603		
4,800.00	4,678.69	4,774.22	4,749.36	17.10	11.59	169.56	130.26	-274.57	760.92	737.48	23.44	32.461		
4,900.00	4,775.72	4,873.19	4,847.77	17.55	11.86	169.55	132.79	-284.86	775.21	751.23	23.99	32.318		
5,000.00	4,872.75	4,972.17	4,946.17	17.99	12.14	169.53	135.32	-295.16	789.50	764.97	24.54	32.175		
5,100.00	4,969.78	5,071.14	5,044.57	18.44	12.41	169.52	137.85	-305.46	803.80	778.70	25.09	32.033		
5,200.00	5,066.81	5,170.11	5,142.98	18.89	12.69	169.50	140.38	-315.76	818.09	792.43	25.65	31.893		
5,300.00	5,163.84	5,269.09	5,241.38	19.35	12.97	169.49	142.91	-326.05	832.38	806.16	26.21	31.754		
5,400.00	5,260.87	5,368.06	5,339.79	19.80	13.25	169.48	145.44	-336.35	846.67	819.89	26.78	31.617		
5,500.00	5,357.90	5,467.03	5,438.19	20.26	13.53	169.47	147.97	-346.65	860.96	833.61	27.35	31.481		
5,600.00	5,454.93	5,566.01	5,536.59	20.71	13.81	169.45	150.49	-356.94	875.25	847.33	27.92	31.348		
5,700.00	5,551.96	5,664.98	5,635.00	21.17	14.10	169.44	153.02	-367.24	889.54	861.05	28.50	31.217		
5,800.00	5,648.99	5,763.95	5,733.40	21.63	14.39	169.43	155.55	-377.54	903.83	874.76	29.07	31.089		
5,900.00	5,746.02	5,862.93	5,831.80	22.09	14.67	169.42	158.08	-387.84	918.12	888.47	29.65	30.962		
6,000.00	5,843.05	5,961.90	5,930.21	22.56	14.96	169.41	160.61	-398.13	932.41	902.18	30.24	30.838		
6,100.00	5,940.08	6,060.87	6,028.61	23.02	15.25	169.40	163.14	-408.43	946.70	915.88	30.82	30.717		
6,200.00	6,037.11	6,159.85	6,127.02	23.49	15.55	169.39	165.67	-418.73	961.00	929.59	31.41	30.598		
6,300.00	6,134.14	7,730.93	7,037.26	23.95	34.25	135.54	185.37	-1,382.27	931.67	901.47	30.20	30.846		
6,400.00	6,231.54	7,753.17	7,037.20	24.36	34.80	123.09	185.27	-1,404.52	837.30	806.12	31.18	26.856		
6,500.00	6,331.02	7,762.09	7,037.18	24.51	35.02	115.67	185.23	-1,413.43	741.82	709.54	32.28	22.983		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11C-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,600.00	6,430.70	7,755.34	7,037.20	24.59	34.85	-114.42	185.26	-1,406.68	647.41	613.85	33.56	19.291	
6,700.00	6,528.14	7,733.08	7,037.25	24.65	34.30	-125.85	185.36	-1,384.42	556.98	521.85	35.13	15.855	
6,800.00	6,620.94	7,704.15	7,037.35	24.74	33.58	-130.83	185.52	-1,347.20	473.50	436.31	37.19	12.731	
6,900.00	6,706.80	7,644.59	7,037.48	24.91	32.16	-131.59	185.74	-1,295.93	399.98	360.40	39.58	10.105	
7,000.00	6,783.62	7,580.54	7,037.64	25.23	30.65	-129.37	186.02	-1,231.88	339.21	296.70	42.51	7.979	
7,100.00	6,849.51	7,505.29	7,037.83	25.75	28.93	-124.88	186.34	-1,156.63	293.20	247.63	45.57	6.434	
7,200.00	6,902.84	7,415.67	7,037.67	26.52	26.98	-118.42	186.72	-1,067.02	262.16	213.99	48.17	5.443	
7,300.00	6,942.30	7,309.11	7,025.35	27.55	24.80	-108.79	186.85	-961.30	240.09	189.83	50.26	4.777	
7,400.00	6,966.92	7,212.12	6,998.96	28.83	23.01	-98.21	186.55	-868.06	226.58	174.75	51.83	4.371	
7,481.23	6,975.83	7,138.92	6,969.84	30.02	21.80	-89.23	186.08	-800.95	223.11	170.74	52.37	4.260 ES, SF	
7,500.00	6,976.11	7,122.42	6,962.22	30.30	21.55	-87.23	185.94	-786.32	223.27	170.90	52.38	4.263	
7,600.00	6,978.26	7,042.69	6,920.21	31.95	20.43	-76.28	185.13	-718.62	231.82	180.05	51.77	4.478	
7,700.00	6,980.41	6,975.44	6,878.43	33.78	19.63	-66.31	184.26	-665.97	256.56	206.60	49.96	5.135	
7,800.00	6,982.56	6,919.13	6,839.33	35.76	19.04	-58.14	183.41	-625.48	298.03	250.40	47.63	6.257	
7,900.00	6,984.70	6,871.99	6,803.96	37.87	18.61	-51.78	182.62	-594.35	353.35	307.84	45.51	7.764	
8,000.00	6,986.85	6,832.35	6,772.50	40.08	18.28	-46.90	181.90	-570.26	418.99	375.13	43.86	9.553	
8,100.00	6,989.00	6,800.00	6,745.75	42.39	18.03	-43.27	181.28	-552.08	492.04	449.40	42.64	11.539	
8,200.00	6,991.15	6,770.19	6,720.31	44.78	17.83	-40.20	180.68	-536.55	570.46	528.72	41.74	13.667	
8,300.00	6,993.30	6,750.00	6,702.69	47.23	17.70	-38.27	180.26	-526.71	652.85	611.78	41.07	15.896	
8,400.00	6,995.45	6,724.27	6,679.79	49.74	17.54	-35.98	179.71	-515.00	738.15	697.59	40.56	18.201	
8,500.00	6,997.60	6,700.00	6,657.77	52.29	17.40	-33.99	179.18	-504.81	825.81	785.65	40.16	20.562	
8,600.00	6,999.74	6,700.00	6,657.77	54.89	17.40	-33.99	179.18	-504.81	915.32	875.51	39.81	22.994	
8,700.00	7,001.89	6,674.84	6,634.55	57.52	17.27	-32.08	178.61	-495.13	1,006.01	966.44	39.57	25.422	
8,800.00	7,004.04	6,650.00	6,611.27	60.18	17.14	-30.34	178.04	-486.49	1,098.19	1,058.80	39.39	27.878	
8,900.00	7,006.19	6,650.00	6,611.27	62.87	17.14	-30.34	178.04	-486.49	1,190.97	1,151.80	39.18	30.399	

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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	119.54	-101.63	179.31	206.11				
100.00	100.00	103.00	97.00	3.28	3.28	119.54	-101.63	179.31	206.11	198.59	7.53	27.382	
200.00	200.00	203.00	197.00	3.30	3.30	119.54	-101.63	179.31	206.11	198.55	7.57	27.229	CC, ES
200.03	200.03	202.97	197.03	3.30	3.30	119.54	-101.63	179.31	206.11	198.55	7.57	27.229	
300.00	300.00	297.19	297.19	3.34	3.34	-149.11	-101.96	179.10	206.47	198.82	7.65	26.992	
400.00	399.93	397.52	397.45	3.41	3.40	-148.64	-104.83	177.26	209.28	201.51	7.76	26.957	
500.00	499.68	497.61	497.30	3.49	3.48	-147.71	-110.62	173.52	214.93	207.00	7.93	27.113	
600.00	599.13	597.30	596.45	3.60	3.58	-146.39	-119.31	167.92	223.48	215.34	8.14	27.439	
700.00	698.15	696.45	694.64	3.75	3.72	-144.77	-130.82	160.51	235.01	226.59	8.42	27.905	
800.00	796.63	794.92	791.64	3.93	3.89	-142.94	-145.06	151.33	249.59	240.83	8.77	28.470	
900.00	894.44	906.81	888.19	4.16	4.13	-141.40	-160.47	141.40	267.15	257.94	9.21	29.002	
1,000.00	991.57	1,008.90	984.38	4.44	4.38	-140.52	-175.82	131.51	287.14	277.44	9.70	29.606	
1,100.00	1,088.60	1,088.96	1,080.52	4.75	4.60	-139.91	-191.16	121.62	307.50	297.34	10.17	30.244	
1,200.00	1,185.63	1,186.82	1,176.66	5.10	4.87	-139.38	-206.50	111.73	327.89	317.17	10.72	30.579	
1,300.00	1,282.66	1,284.67	1,272.80	5.46	5.17	-138.91	-221.84	101.85	348.31	337.00	11.31	30.787	
1,400.00	1,379.69	1,382.53	1,368.94	5.85	5.47	-138.49	-237.19	91.96	368.74	356.81	11.93	30.898	
1,500.00	1,476.72	1,480.39	1,465.08	6.25	5.79	-138.12	-252.53	82.07	389.19	376.61	12.58	30.939	
1,600.00	1,573.75	1,578.24	1,561.22	6.66	6.12	-137.78	-267.87	72.18	409.66	396.41	13.25	30.926	
1,700.00	1,670.78	1,676.10	1,657.36	7.08	6.45	-137.48	-283.22	62.30	430.14	416.21	13.93	30.876	
1,800.00	1,767.81	1,773.96	1,753.50	7.31	6.68	-137.20	-298.56	52.41	450.62	436.65	13.98	32.238	
1,900.00	1,864.84	1,871.81	1,849.63	7.38	6.76	-136.95	-313.90	42.52	471.12	457.01	14.11	33.383	
2,000.00	1,961.87	1,969.67	1,945.77	7.48	6.83	-136.72	-329.24	32.63	491.63	477.37	14.25	34.494	
2,100.00	2,058.90	2,067.53	2,041.91	7.61	6.92	-136.50	-344.59	22.75	512.14	497.70	14.44	35.469	
2,200.00	2,155.92	2,165.38	2,138.05	7.77	7.03	-136.31	-359.93	12.86	532.66	517.99	14.67	36.307	
2,300.00	2,252.95	2,263.24	2,234.19	7.96	7.16	-136.12	-375.27	2.97	553.18	538.24	14.95	37.013	
2,400.00	2,349.98	2,361.09	2,330.33	8.17	7.31	-135.96	-390.61	-6.92	573.71	558.45	15.26	37.592	
2,500.00	2,447.01	2,458.95	2,426.47	8.41	7.47	-135.80	-405.96	-16.80	594.24	578.63	15.62	38.055	
2,600.00	2,544.04	2,556.81	2,522.61	8.66	7.66	-135.65	-421.30	-26.69	614.78	598.78	16.00	38.413	
2,700.00	2,641.07	2,654.66	2,618.75	8.94	7.86	-135.51	-436.64	-36.58	635.32	618.90	16.43	38.675	
2,800.00	2,738.10	2,752.52	2,714.89	9.23	8.07	-135.39	-451.98	-46.47	655.87	638.99	16.88	38.854	
2,900.00	2,835.13	2,850.38	2,811.03	9.54	8.30	-135.26	-467.33	-56.35	676.42	659.05	17.36	38.960	
3,000.00	2,932.16	2,948.23	2,907.17	9.86	8.54	-135.15	-482.67	-66.24	696.97	679.10	17.87	39.005	
3,100.00	3,029.19	3,046.09	3,003.31	10.20	8.80	-135.04	-498.01	-76.13	717.52	699.12	18.40	38.997	
3,200.00	3,126.22	3,143.95	3,099.44	10.55	9.06	-134.94	-513.35	-86.02	738.07	719.12	18.95	38.945	
3,300.00	3,223.25	3,241.80	3,195.58	10.91	9.33	-134.85	-528.70	-95.90	758.63	739.11	19.52	38.857	
3,400.00	3,320.28	3,339.66	3,291.72	11.28	9.62	-134.76	-544.04	-105.79	779.19	759.08	20.11	38.739	
3,500.00	3,417.31	3,437.52	3,387.86	11.66	9.91	-134.67	-559.38	-115.68	799.75	779.03	20.72	38.598	
3,600.00	3,514.34	3,535.37	3,484.00	12.05	10.20	-134.59	-574.72	-125.57	820.31	798.97	21.34	38.437	
3,700.00	3,611.37	3,633.23	3,580.14	12.44	10.51	-134.51	-590.07	-135.45	840.88	818.90	21.98	38.262	
3,800.00	3,708.40	3,731.09	3,676.28	12.84	10.82	-134.44	-605.41	-145.34	861.44	838.82	22.62	38.075	
3,900.00	3,805.43	3,828.94	3,772.42	13.25	11.13	-134.36	-620.75	-155.23	882.01	858.72	23.28	37.880	
4,000.00	3,902.46	3,926.80	3,868.56	13.66	11.45	-134.30	-636.10	-165.12	902.58	878.62	23.95	37.680	
4,100.00	3,999.49	4,024.66	3,964.70	14.08	11.78	-134.23	-651.44	-175.00	923.15	898.51	24.63	37.475	
4,200.00	4,096.52	4,122.51	4,060.84	14.50	12.11	-134.17	-666.78	-184.89	943.72	918.39	25.32	37.269	
4,300.00	4,193.55	4,220.37	4,156.98	14.92	12.44	-134.11	-682.12	-194.78	964.29	938.27	26.02	37.061	
4,400.00	4,290.58	4,318.23	4,253.12	15.35	12.78	-134.06	-697.47	-204.67	984.86	958.14	26.72	36.855	
4,500.00	4,387.61	4,416.08	4,349.25	15.78	13.12	-134.00	-712.81	-214.55	1,005.43	978.00	27.43	36.649	
4,600.00	4,484.63	4,513.94	4,445.39	16.22	13.47	-133.95	-728.15	-224.44	1,026.01	997.85	28.15	36.446	
4,700.00	4,581.66	4,611.80	4,541.53	16.66	13.81	-133.90	-743.49	-234.33	1,046.58	1,017.71	28.87	36.246	
4,800.00	4,678.69	4,709.65	4,637.67	17.10	14.16	-133.85	-758.84	-244.22	1,067.16	1,037.55	29.60	36.048	
4,900.00	4,775.72	4,807.51	4,733.81	17.55	14.52	-133.81	-774.18	-254.10	1,087.73	1,057.39	30.34	35.854	
5,000.00	4,872.75	4,905.37	4,829.95	17.99	14.87	-133.76	-789.52	-263.99	1,108.31	1,077.23	31.08	35.664	
5,100.00	4,969.78	5,003.22	4,926.09	18.44	15.23	-133.72	-804.86	-273.88	1,128.89	1,097.07	31.82	35.478	
5,200.00	5,066.81	5,101.08	5,022.23	18.89	15.59	-133.68	-820.21	-283.77	1,149.46	1,116.90	32.57	35.295	
5,300.00	5,163.84	5,201.07	5,118.37	19.35	15.96	-133.64	-835.55	-293.65	1,170.04	1,136.72	33.33	35.109	
5,400.00	5,260.87	5,296.79	5,214.51	19.80	16.31	-133.60	-850.89	-303.54	1,190.62	1,156.55	34.07	34.943	
7,000.00	6,783.62	7,803.70	7,167.38	25.23	33.33	103.16	-1,164.04	-1,230.31	1,193.12	1,138.68	54.44	21.917	
7,100.00	6,849.51	7,720.94	7,167.69	25.75	31.71	102.66	-1,163.93	-1,154.95	1,172.94	1,118.98	53.95	21.740	
7,200.00	6,902.84	7,609.14	7,166.98	26.52	29.71	101.11	-1,163.59	-1,043.17	1,158.89	1,105.68	53.20	21.782	
7,300.00	6,942.30	7,381.18	7,114.59	27.55	26.39	95.85	-1,154.79	-822.73	1,142.58	1,090.84	51.74	22.083	
7,400.00	6,966.92	7,225.88	7,036.31	28.83	24.76	91.98	-1,142.04	-689.67	1,124.14	1,072.61	51.53	21.814	
7,500.00	6,976.11	7,109.25	6,957.85	30.30	23.80	89.00	-1,129.36	-604.53	1,106.86	1,054.95	51.90	21.325	
7,600.00	6,978.26	7,023.11	6,890.75	31.95	23.22	85.38	-1,118.55	-551.72	1,092.56	1,039.88	52.68	20.741	
7,700.00	6,980.41	6,962.41	6,839.52	33.78	22.85	82.61	-1,110.33	-520.26	1,083.65	1,029.92	53.73	20.169	
7,776.02	6,982.04	6,927.55	6,808.84	35.28	22.66	80.94	-1,105.40	-504.47	1,081.48	1,026.83	54.65	19.791	
7,800.00	6,982.56	6,918.07	6,800.35	35.76	22.61	80.48	-1,104.04	-500.47	1,081.70	1,026.77	54.93	19.693	

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							
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	+E/-W	(usft)	(usft)	(usft)		
							(usft)	(usft)					
7,900.00	6,984.70	6,884.57	6,769.90	37.87	22.43	78.84	-1,099.16	-487.38	1,087.56	1,031.39	56.17	19.362	
8,000.00	6,986.85	6,858.49	6,745.76	40.08	22.31	77.53	-1,095.30	-478.32	1,101.56	1,044.18	57.37	19.200 SF	
8,100.00	6,989.00	6,837.68	6,726.24	42.39	22.21	76.48	-1,092.17	-471.82	1,123.67	1,065.18	58.49	19.212	
8,200.00	6,991.15	6,820.72	6,710.18	44.78	22.13	75.62	-1,089.60	-466.99	1,153.60	1,094.12	59.48	19.395	
8,300.00	6,993.30	6,800.00	6,690.41	47.23	22.04	74.57	-1,086.44	-461.70	1,190.90	1,130.62	60.28	19.757	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	114.47	-81.60	179.31	197.01					
100.00	100.00	103.00	97.00	3.28	3.28	114.47	-81.60	179.31	197.01	189.48	7.53	26.172		
200.00	200.00	203.00	197.00	3.30	3.30	114.47	-81.60	179.31	197.01	189.44	7.57	26.026	CC, ES	
200.22	200.22	202.78	197.22	3.30	3.30	114.47	-81.60	179.31	197.01	189.44	7.57	26.026		
300.00	300.00	297.86	297.86	3.34	3.34	-154.17	-81.91	179.06	197.30	189.65	7.65	25.792		
400.00	399.93	399.64	399.57	3.41	3.40	-153.62	-84.61	176.82	199.55	191.78	7.76	25.700		
500.00	499.68	501.22	500.89	3.49	3.48	-152.54	-90.07	172.28	204.06	196.13	7.93	25.738		
600.00	599.13	602.47	601.58	3.60	3.59	-150.98	-98.26	165.48	210.94	202.79	8.15	25.895		
700.00	698.15	703.28	701.39	3.75	3.73	-149.05	-109.14	156.46	220.30	211.87	8.43	26.148		
800.00	796.63	802.45	799.27	3.93	3.91	-147.21	-121.41	146.26	232.46	223.70	8.77	26.511		
900.00	894.44	901.18	896.71	4.16	4.11	-145.96	-133.65	136.10	247.67	238.50	9.17	27.007		
1,000.00	991.57	1,000.45	993.80	4.44	4.34	-145.28	-145.84	125.98	265.43	255.80	9.63	27.565		
1,100.00	1,088.60	1,102.13	1,090.83	4.75	4.59	-144.83	-158.03	115.87	283.57	273.44	10.13	27.988		
1,200.00	1,185.63	1,203.81	1,187.87	5.10	4.86	-144.44	-170.21	105.75	301.72	291.04	10.67	28.268		
1,300.00	1,282.66	1,305.49	1,284.90	5.46	5.14	-144.08	-182.40	95.63	319.88	308.63	11.25	28.438		
1,400.00	1,379.69	1,407.17	1,381.94	5.85	5.44	-143.77	-194.59	85.52	338.05	326.20	11.85	28.523		
1,500.00	1,476.72	1,508.85	1,478.97	6.25	5.75	-143.49	-206.77	75.40	356.23	343.75	12.48	28.546		
1,600.00	1,573.75	1,589.47	1,576.01	6.66	6.00	-143.23	-218.96	65.28	374.42	361.36	13.06	28.668		
1,700.00	1,670.78	1,687.79	1,673.04	7.08	6.31	-143.00	-231.14	55.17	392.61	378.90	13.71	28.630		
1,800.00	1,767.81	1,786.10	1,770.08	7.31	6.50	-142.79	-243.33	45.05	410.81	397.09	13.72	29.943		
1,900.00	1,864.84	1,884.42	1,867.11	7.38	6.56	-142.60	-255.51	34.93	429.02	415.19	13.82	31.033		
2,000.00	1,961.87	1,982.74	1,964.15	7.48	6.62	-142.42	-267.70	24.82	447.23	433.27	13.95	32.053		
2,100.00	2,058.90	2,081.06	2,061.18	7.61	6.70	-142.26	-279.89	14.70	465.44	451.32	14.13	32.950		
2,200.00	2,155.92	2,179.38	2,158.22	7.77	6.80	-142.10	-292.07	4.58	483.66	469.32	14.34	33.726		
2,300.00	2,252.95	2,277.70	2,255.25	7.96	6.92	-141.96	-304.26	-5.53	501.88	487.28	14.60	34.384		
2,400.00	2,349.98	2,376.02	2,352.29	8.17	7.05	-141.83	-316.44	-15.65	520.10	505.21	14.89	34.928		
2,500.00	2,447.01	2,474.34	2,449.32	8.41	7.21	-141.71	-328.63	-25.77	538.33	523.10	15.22	35.366		
2,600.00	2,544.04	2,572.66	2,546.36	8.66	7.38	-141.60	-340.81	-35.88	556.55	540.97	15.59	35.708		
2,700.00	2,641.07	2,670.98	2,643.39	8.94	7.56	-141.49	-353.00	-46.00	574.78	558.80	15.98	35.963		
2,800.00	2,738.10	2,769.30	2,740.43	9.23	7.75	-141.39	-365.19	-56.12	593.01	576.60	16.41	36.142		
2,900.00	2,835.13	2,867.61	2,837.46	9.54	7.96	-141.30	-377.37	-66.23	611.24	594.38	16.86	36.253		
3,000.00	2,932.16	2,965.93	2,934.50	9.86	8.19	-141.21	-389.56	-76.35	629.48	612.14	17.34	36.306		
3,100.00	3,029.19	3,064.25	3,031.53	10.20	8.42	-141.13	-401.74	-86.47	647.71	629.88	17.84	36.310		
3,200.00	3,126.22	3,162.57	3,128.57	10.55	8.66	-141.05	-413.93	-96.58	665.95	647.59	18.36	36.273		
3,300.00	3,223.25	3,260.89	3,225.60	10.91	8.91	-140.97	-426.11	-106.70	684.19	665.29	18.90	36.201		
3,400.00	3,320.28	3,359.21	3,322.64	11.28	9.17	-140.90	-438.30	-116.82	702.43	682.97	19.46	36.100		
3,500.00	3,417.31	3,457.53	3,419.67	11.66	9.44	-140.84	-450.49	-126.93	720.67	700.64	20.03	35.976		
3,600.00	3,514.34	3,555.85	3,516.71	12.05	9.71	-140.77	-462.67	-137.05	738.91	718.29	20.62	35.834		
3,700.00	3,611.37	3,654.17	3,613.74	12.44	9.99	-140.71	-474.86	-147.17	757.15	735.93	21.22	35.677		
3,800.00	3,708.40	3,752.49	3,710.78	12.84	10.28	-140.65	-487.04	-157.28	775.39	753.55	21.84	35.509		
3,900.00	3,805.43	3,850.81	3,807.81	13.25	10.57	-140.60	-499.23	-167.40	793.63	771.17	22.46	35.332		
4,000.00	3,902.46	3,949.12	3,904.85	13.66	10.87	-140.55	-511.42	-177.52	811.88	788.78	23.10	35.148		
4,100.00	3,999.49	4,047.44	4,001.88	14.08	11.17	-140.50	-523.60	-187.63	830.12	806.38	23.74	34.961		
4,200.00	4,096.52	4,145.76	4,098.92	14.50	11.47	-140.45	-535.79	-197.75	848.37	823.97	24.40	34.771		
4,300.00	4,193.55	4,244.08	4,195.95	14.92	11.78	-140.40	-547.97	-207.87	866.61	841.55	25.06	34.580		
4,400.00	4,290.58	4,342.40	4,292.99	15.35	12.10	-140.36	-560.16	-217.98	884.86	859.13	25.73	34.389		
4,500.00	4,387.61	4,440.72	4,390.02	15.78	12.41	-140.31	-572.34	-228.10	903.11	876.70	26.41	34.199		
4,600.00	4,484.63	4,539.04	4,487.06	16.22	12.73	-140.27	-584.53	-238.22	921.35	894.26	27.09	34.010		
4,700.00	4,581.66	4,637.36	4,584.09	16.66	13.06	-140.23	-596.72	-248.33	939.60	911.82	27.78	33.824		
4,800.00	4,678.69	4,735.68	4,681.13	17.10	13.38	-140.20	-608.90	-258.45	957.85	929.37	28.47	33.640		
4,900.00	4,775.72	4,834.00	4,778.16	17.55	13.71	-140.16	-621.09	-268.57	976.10	946.92	29.17	33.459		
5,000.00	4,872.75	4,932.31	4,875.20	17.99	14.04	-140.12	-633.27	-278.68	994.34	964.47	29.88	33.281		
5,100.00	4,969.78	5,030.63	4,972.23	18.44	14.37	-140.09	-645.46	-288.80	1,012.59	982.01	30.59	33.106		
5,200.00	5,066.81	5,128.95	5,069.27	18.89	14.71	-140.06	-657.64	-298.92	1,030.84	999.54	31.30	32.936		
5,300.00	5,163.84	5,227.27	5,166.30	19.35	15.04	-140.03	-669.83	-309.03	1,049.09	1,017.08	32.02	32.769		
5,400.00	5,260.87	5,325.59	5,263.34	19.80	15.38	-140.00	-682.02	-319.15	1,067.34	1,034.61	32.74	32.605		
5,500.00	5,357.90	5,423.91	5,360.37	20.26	15.72	-139.97	-694.20	-329.27	1,085.59	1,052.13	33.46	32.446		
5,600.00	5,454.93	5,522.23	5,457.41	20.71	16.06	-139.94	-706.39	-339.38	1,103.84	1,069.66	34.18	32.290		
5,700.00	5,551.96	5,620.55	5,554.44	21.17	16.40	-139.91	-718.57	-349.50	1,122.09	1,087.18	34.91	32.139		
5,800.00	5,648.99	5,718.87	5,651.48	21.63	16.75	-139.88	-730.76	-359.62	1,140.34	1,104.70	35.65	31.990		
5,900.00	5,746.02	5,817.19	5,748.51	22.09	17.09	-139.86	-742.94	-369.73	1,158.60	1,122.21	36.38	31.846		
6,000.00	5,843.05	5,915.51	5,845.55	22.56	17.44	-139.83	-755.13	-379.85	1,176.85	1,139.73	37.12	31.705		
6,100.00	5,940.08	6,013.82	5,942.58	23.02	17.78	-139.81	-767.32	-389.97	1,195.10	1,157.24	37.86	31.568		
6,500.00	6,331.02	7,824.81	7,046.50	24.51	36.13	-66.77	-910.84	-1,409.73	1,134.82	1,085.49	49.33	23.003		
6,600.00	6,430.70	7,817.85	7,046.53	24.59	35.97	93.30	-910.80	-1,402.77	1,073.98	1,022.74	51.24	20.960		
6,700.00	6,528.14	7,804.61	7,046.63	24.65	35.66	98.79	-910.70	-1,380.31	1,020.39	967.42	52.97	19.264		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 32N-11C-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance								
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,800.00	6,620.94	7,757.98	7,046.80	24.74	34.59	101.43	-910.52	-1,342.90	975.60	921.74	53.86	18.114			
6,900.00	6,706.80	7,706.54	7,047.04	24.91	33.42	102.18	-910.27	-1,291.46	940.34	885.94	54.40	17.285			
7,000.00	6,783.62	7,642.34	7,047.33	25.23	32.03	101.59	-909.96	-1,227.26	914.38	859.90	54.48	16.784			
7,100.00	6,849.51	7,566.95	7,047.68	25.75	30.47	100.14	-909.59	-1,151.88	896.63	842.45	54.18	16.549			
7,200.00	6,902.84	7,472.38	7,047.64	26.52	28.63	98.01	-909.08	-1,057.31	885.35	831.78	53.57	16.526			
7,300.00	6,942.30	7,338.64	7,029.28	27.55	26.30	94.41	-906.07	-925.13	875.77	823.05	52.72	16.612			
7,400.00	6,966.92	7,223.34	6,991.75	28.83	24.61	91.06	-900.79	-816.40	866.87	814.51	52.36	16.557			
7,500.00	6,976.11	7,121.49	6,942.89	30.30	23.39	87.90	-894.20	-727.41	859.47	807.09	52.38	16.408			
7,600.00	6,978.26	7,035.20	6,890.90	31.95	22.53	84.30	-887.33	-658.95	854.66	801.90	52.76	16.200			
7,648.47	6,979.30	6,999.75	6,866.97	32.83	22.21	82.64	-884.19	-633.00	853.99	800.93	53.06	16.095			
7,700.00	6,980.41	6,966.04	6,842.90	33.78	21.94	80.98	-881.06	-609.61	854.83	801.44	53.39	16.011			
7,800.00	6,982.56	6,910.59	6,800.76	35.76	21.52	78.09	-875.60	-574.02	861.87	807.74	54.13	15.923 SF			
7,900.00	6,984.70	6,865.78	6,764.56	37.87	21.22	75.63	-870.93	-548.04	876.91	822.05	54.86	15.985			
8,000.00	6,986.85	6,829.15	6,733.67	40.08	20.99	73.56	-866.97	-528.76	900.43	844.92	55.51	16.222			
8,100.00	6,989.00	6,800.00	6,708.34	42.39	20.81	71.87	-863.72	-514.71	932.39	876.35	56.04	16.637			
8,200.00	6,991.15	6,773.45	6,684.73	44.78	20.66	70.33	-860.71	-502.95	972.35	915.92	56.43	17.231			
8,300.00	6,993.30	6,750.00	6,663.49	47.23	20.54	68.95	-858.00	-493.39	1,019.66	962.97	56.68	17.989			
8,400.00	6,995.45	6,733.50	6,648.35	49.74	20.46	67.98	-856.07	-487.15	1,073.51	1,016.66	56.85	18.882			
8,500.00	6,997.60	6,717.57	6,633.57	52.29	20.38	67.04	-854.20	-481.49	1,133.12	1,076.20	56.91	19.909			
8,600.00	6,999.74	6,700.00	6,617.12	54.89	20.29	66.01	-852.11	-475.69	1,197.73	1,140.85	56.88	21.057			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
0.00	0.00	1.00	-1.00	3.28	3.28	-179.52	-100.19	-0.84	100.19				
100.00	100.00	101.00	99.00	3.28	3.28	-179.52	-100.19	-0.84	100.19	92.67		7.53	13.311
200.00	200.00	201.00	199.00	3.30	3.30	-179.52	-100.19	-0.84	100.19	92.62		7.57	13.237
255.97	255.97	254.97	254.97	3.32	3.32	-88.38	-100.19	-0.84	100.19	92.58		7.61	13.164 CC, ES
300.00	300.00	298.05	298.05	3.34	3.34	-88.27	-100.41	-1.17	100.41	92.76		7.65	13.126
400.00	399.93	396.10	396.04	3.41	3.40	-88.61	-102.26	-3.93	102.21	94.45		7.76	13.166
500.00	499.68	494.07	493.77	3.49	3.48	-89.24	-105.96	-9.48	105.83	97.91		7.92	13.360
600.00	599.13	591.91	591.10	3.60	3.58	-90.09	-111.50	-17.79	111.29	103.16		8.13	13.686
700.00	698.15	689.57	687.85	3.75	3.72	-91.09	-118.86	-28.84	118.60	110.20		8.40	14.115
800.00	796.63	787.00	783.86	3.93	3.89	-92.15	-128.03	-42.59	127.78	119.03		8.75	14.611
900.00	894.44	884.16	878.99	4.16	4.11	-93.23	-138.98	-58.99	138.82	129.65		9.17	15.134
1,000.00	991.57	981.00	973.10	4.44	4.37	-94.22	-151.66	-78.01	151.69	141.99		9.69	15.650
1,100.00	1,088.60	1,077.98	1,066.52	4.75	4.69	-94.32	-166.09	-99.64	166.11	155.82		10.29	16.146
1,200.00	1,185.63	1,176.86	1,161.47	5.10	5.06	-94.08	-181.39	-122.59	181.05	170.09		10.96	16.515
1,300.00	1,282.66	1,275.73	1,256.42	5.46	5.45	-93.88	-196.70	-145.54	195.99	184.30		11.69	16.772
1,400.00	1,379.69	1,374.61	1,351.37	5.85	5.87	-93.70	-212.00	-168.49	210.93	198.48		12.45	16.947
1,500.00	1,476.72	1,473.48	1,446.32	6.25	6.31	-93.55	-227.31	-191.44	225.87	212.64		13.24	17.063
1,600.00	1,573.75	1,572.36	1,541.27	6.66	6.76	-93.42	-242.62	-214.39	240.82	226.76		14.06	17.131
1,700.00	1,670.78	1,671.23	1,636.22	7.08	7.23	-93.31	-257.92	-237.34	255.76	240.87		14.90	17.169
1,800.00	1,767.81	1,770.11	1,731.17	7.31	7.55	-93.20	-273.23	-260.29	270.71	255.49		15.22	17.790
1,900.00	1,864.84	1,868.99	1,826.11	7.38	7.69	-93.11	-288.53	-283.24	285.66	270.42		15.23	18.751
2,000.00	1,961.87	1,967.86	1,921.06	7.48	7.80	-93.03	-303.84	-306.19	300.61	285.18		15.43	19.487
2,100.00	2,058.90	2,066.74	2,016.01	7.61	7.94	-92.95	-319.14	-329.14	315.55	299.87		15.68	20.126
2,200.00	2,155.92	2,165.61	2,110.96	7.77	8.12	-92.88	-334.45	-352.09	330.50	314.51		15.99	20.667
2,300.00	2,252.95	2,264.49	2,205.91	7.96	8.33	-92.82	-349.75	-375.04	345.45	329.09		16.36	21.116
2,400.00	2,349.98	2,363.36	2,300.86	8.17	8.56	-92.76	-365.06	-397.99	360.40	343.62		16.78	21.480
2,500.00	2,447.01	2,462.24	2,395.81	8.41	8.83	-92.71	-380.37	-420.94	375.35	358.11		17.25	21.765
2,600.00	2,544.04	2,561.12	2,490.76	8.66	9.11	-92.66	-395.67	-443.89	390.30	372.55		17.76	21.981
2,700.00	2,641.07	2,659.99	2,585.71	8.94	9.42	-92.62	-410.98	-466.84	405.25	386.95		18.31	22.137
2,800.00	2,738.10	2,758.87	2,680.66	9.23	9.75	-92.58	-426.28	-489.79	420.20	401.31		18.89	22.241
2,900.00	2,835.13	2,857.74	2,775.61	9.54	10.10	-92.54	-441.59	-512.74	435.15	415.64		19.51	22.301
3,000.00	2,932.16	2,956.62	2,870.56	9.86	10.47	-92.50	-456.89	-535.69	450.11	429.94		20.16	22.324
3,100.00	3,029.19	3,055.49	2,965.51	10.20	10.84	-92.47	-472.20	-558.64	465.06	444.22		20.84	22.317
3,200.00	3,126.22	3,154.37	3,060.46	10.55	11.24	-92.43	-487.51	-581.59	480.01	458.47		21.54	22.286
3,300.00	3,223.25	3,253.24	3,155.41	10.91	11.64	-92.40	-502.81	-604.54	494.96	472.70		22.26	22.234
3,400.00	3,320.28	3,352.12	3,250.36	11.28	12.06	-92.38	-518.12	-627.49	509.91	486.91		23.00	22.167
3,500.00	3,417.31	3,451.00	3,345.31	11.66	12.48	-92.35	-533.42	-650.44	524.86	501.10		23.76	22.087
3,600.00	3,514.34	3,549.87	3,440.26	12.05	12.91	-92.32	-548.73	-673.39	539.82	515.28		24.54	21.998
3,700.00	3,611.37	3,648.75	3,535.21	12.44	13.35	-92.30	-564.03	-696.34	554.77	529.44		25.33	21.901
3,800.00	3,708.40	3,747.62	3,630.16	12.84	13.80	-92.28	-579.34	-719.29	569.72	543.59		26.13	21.799
3,900.00	3,805.43	3,846.50	3,725.11	13.25	14.26	-92.26	-594.64	-742.24	584.67	557.72		26.95	21.694
4,000.00	3,902.46	3,945.37	3,820.06	13.66	14.72	-92.24	-609.95	-765.19	599.63	571.85		27.78	21.586
4,100.00	3,999.49	4,044.25	3,915.01	14.08	15.18	-92.22	-625.26	-788.14	614.58	585.96		28.62	21.477
4,200.00	4,096.52	4,143.12	4,009.96	14.50	15.65	-92.20	-640.56	-811.09	629.53	600.07		29.46	21.367
4,300.00	4,193.55	4,242.00	4,104.91	14.92	16.12	-92.18	-655.87	-834.04	644.48	614.17		30.32	21.258
4,400.00	4,290.58	4,340.88	4,199.86	15.35	16.60	-92.16	-671.17	-856.99	659.44	628.26		31.18	21.150
4,500.00	4,387.61	4,439.75	4,294.80	15.78	17.09	-92.15	-686.48	-879.94	674.39	642.34		32.05	21.043
4,600.00	4,484.63	4,538.63	4,389.75	16.22	17.57	-92.13	-701.78	-902.89	689.34	656.42		32.92	20.937
4,700.00	4,581.66	4,637.50	4,484.70	16.66	18.06	-92.12	-717.09	-925.84	704.29	670.49		33.81	20.833
4,800.00	4,678.69	4,736.38	4,579.65	17.10	18.55	-92.10	-732.39	-948.79	719.25	684.55		34.69	20.731
4,900.00	4,775.72	4,835.25	4,674.60	17.55	19.04	-92.09	-747.70	-971.74	734.20	698.61		35.59	20.632
5,000.00	4,872.75	4,934.13	4,769.55	17.99	19.54	-92.08	-763.01	-994.69	749.15	712.67		36.48	20.534
5,100.00	4,969.78	5,033.01	4,864.50	18.44	20.04	-92.06	-778.31	-1,017.64	764.10	726.72		37.38	20.439
5,200.00	5,066.81	5,131.88	4,959.45	18.89	20.54	-92.05	-793.62	-1,040.59	779.06	740.77		38.29	20.346
5,300.00	5,163.84	5,230.76	5,054.40	19.35	21.04	-92.04	-808.92	-1,063.54	794.01	754.81		39.20	20.255
5,400.00	5,260.87	5,329.63	5,149.35	19.80	21.55	-92.03	-824.23	-1,086.49	808.96	768.85		40.11	20.167
5,500.00	5,357.90	5,428.51	5,244.30	20.26	22.05	-92.02	-839.53	-1,109.44	823.92	782.89		41.03	20.081
5,600.00	5,454.93	5,527.38	5,339.25	20.71	22.56	-92.01	-854.84	-1,132.38	838.87	796.92		41.95	19.998
5,700.00	5,551.96	5,626.26	5,434.20	21.17	23.07	-92.00	-870.15	-1,155.33	853.82	810.95		42.87	19.917
5,800.00	5,648.99	5,725.13	5,529.15	21.63	23.58	-91.99	-885.45	-1,178.28	868.78	824.98		43.79	19.838
5,900.00	5,746.02	5,824.01	5,624.10	22.09	24.09	-91.98	-900.76	-1,201.23	883.73	839.01		44.72	19.761
6,000.00	5,843.05	5,922.89	5,719.05	22.56	24.61	-91.97	-916.06	-1,224.18	898.68	853.03		45.65	19.686
6,100.00	5,940.08	6,021.76	5,814.00	23.02	25.12	-91.96	-931.37	-1,247.13	913.64	867.05		46.58	19.613
6,200.00	6,037.11	6,120.64	5,908.95	23.49	25.64	-91.95	-946.67	-1,270.08	928.59	881.07		47.52	19.542
6,300.00	6,134.14	6,219.51	6,003.90	23.95	26.15	-91.94	-961.98	-1,293.03	943.54	895.09		48.45	19.474
6,400.00	6,231.54	6,318.36	6,098.82	24.36	26.67	-91.86	-977.28	-1,315.98	958.39	909.07		49.32	19.434

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,331.02	6,416.10	6,192.68	24.51	27.18	-70.25	-992.41	-1,338.66	972.43	922.61	49.82	19.518	
6,600.00	6,430.70	6,510.41	6,283.25	24.59	27.68	83.83	-1,007.01	-1,360.55	985.89	935.79	50.10	19.677	
6,700.00	6,528.14	6,598.96	6,368.28	24.65	28.14	86.10	-1,020.72	-1,381.11	999.78	949.60	50.18	19.924	
6,800.00	6,620.94	6,682.70	6,448.90	24.74	28.49	87.78	-1,033.71	-1,399.58	1,015.46	965.43	50.03	20.295	
6,900.00	6,706.80	6,773.99	6,538.43	24.91	28.67	89.41	-1,048.14	-1,409.31	1,033.50	983.68	49.82	20.744	
7,000.00	6,783.62	6,876.25	6,639.18	25.23	28.79	91.08	-1,064.37	-1,404.70	1,053.51	1,003.77	49.74	21.181	
7,100.00	6,849.51	6,994.44	6,752.94	25.75	28.87	92.95	-1,082.68	-1,379.14	1,074.80	1,024.89	49.91	21.534	
7,200.00	6,902.84	7,135.88	6,880.06	26.52	28.94	95.10	-1,103.14	-1,321.30	1,096.14	1,045.62	50.52	21.698	
7,300.00	6,942.30	7,310.07	7,014.43	27.55	29.18	97.51	-1,124.74	-1,213.45	1,115.53	1,063.59	51.95	21.475	
7,400.00	6,966.92	7,524.63	7,132.68	28.83	29.99	99.74	-1,143.72	-1,036.65	1,129.97	1,074.93	55.04	20.529	
7,500.00	6,976.11	7,772.90	7,188.66	30.30	32.10	100.85	-1,152.64	-796.55	1,135.95	1,075.53	60.42	18.801	
7,600.00	6,978.26	7,880.54	7,190.62	31.95	33.46	100.83	-1,152.92	-688.93	1,135.98	1,072.26	63.72	17.827	
7,700.00	6,980.41	7,980.54	7,192.33	33.78	34.96	100.81	-1,153.15	-588.95	1,136.00	1,068.79	67.21	16.902	
7,800.00	6,982.56	8,080.54	7,194.03	35.76	36.67	100.78	-1,153.39	-488.96	1,136.01	1,065.00	71.01	15.997	
7,900.00	6,984.70	8,180.53	7,195.74	37.87	38.55	100.76	-1,153.62	-388.98	1,136.03	1,060.95	75.08	15.131	
8,000.00	6,986.85	8,280.53	7,197.44	40.08	40.59	100.74	-1,153.85	-289.00	1,136.04	1,056.67	79.37	14.313	
8,100.00	6,989.00	8,380.53	7,199.15	42.39	42.75	100.71	-1,154.09	-189.01	1,136.06	1,052.21	83.85	13.549	
8,200.00	6,991.15	8,480.53	7,200.86	44.78	45.02	100.69	-1,154.32	-89.03	1,136.08	1,047.59	88.49	12.838	
8,300.00	6,993.30	8,580.53	7,202.56	47.23	47.37	100.67	-1,154.56	10.96	1,136.09	1,042.83	93.27	12.181	
8,400.00	6,995.45	8,680.53	7,204.27	49.74	49.79	100.65	-1,154.79	110.94	1,136.11	1,037.95	98.16	11.574	
8,500.00	6,997.60	8,780.53	7,205.97	52.29	52.28	100.62	-1,155.03	210.93	1,136.13	1,032.97	103.15	11.014	
8,600.00	6,999.74	8,880.53	7,207.68	54.89	54.81	100.60	-1,155.26	310.91	1,136.15	1,027.91	108.23	10.497	
8,700.00	7,001.89	8,980.53	7,209.39	57.52	57.39	100.58	-1,155.50	410.89	1,136.16	1,022.77	113.39	10.020	
8,800.00	7,004.04	9,080.53	7,211.09	60.18	60.01	100.55	-1,155.73	510.88	1,136.18	1,017.57	118.61	9.579	
8,900.00	7,006.19	9,180.52	7,212.80	62.87	62.66	100.53	-1,155.96	610.86	1,136.20	1,012.31	123.89	9.171	
9,000.00	7,008.34	9,280.52	7,214.50	65.58	65.34	100.51	-1,156.20	710.85	1,136.22	1,007.00	129.21	8.793	
9,100.00	7,010.49	9,380.52	7,216.21	68.32	68.04	100.49	-1,156.43	810.83	1,136.23	1,001.65	134.58	8.443	
9,200.00	7,012.63	9,480.52	7,217.92	71.07	70.77	100.46	-1,156.67	910.81	1,136.25	996.26	139.99	8.117	
9,300.00	7,014.78	9,580.52	7,219.62	73.84	73.51	100.44	-1,156.90	1,010.80	1,136.27	990.83	145.44	7.813	
9,400.00	7,016.93	9,680.52	7,221.33	76.62	76.27	100.42	-1,157.14	1,110.78	1,136.29	985.38	150.91	7.529	
9,500.00	7,019.08	9,780.52	7,223.04	79.42	79.05	100.39	-1,157.37	1,210.77	1,136.31	979.89	156.42	7.265	
9,600.00	7,021.23	9,880.52	7,224.74	82.22	81.84	100.37	-1,157.61	1,310.75	1,136.33	974.38	161.95	7.017	
9,700.00	7,023.38	9,980.52	7,226.45	85.04	84.64	100.35	-1,157.84	1,410.74	1,136.35	968.85	167.50	6.784	
9,800.00	7,025.52	10,080.51	7,228.15	87.87	87.45	100.33	-1,158.08	1,510.72	1,136.37	963.30	173.07	6.566	
9,900.00	7,027.67	10,180.51	7,229.86	90.71	90.28	100.30	-1,158.31	1,610.70	1,136.39	957.73	178.66	6.361	
10,000.00	7,029.82	10,280.51	7,231.57	93.55	93.11	100.28	-1,158.54	1,710.69	1,136.41	952.14	184.27	6.167	
10,100.00	7,031.97	10,380.51	7,233.27	96.40	95.95	100.26	-1,158.78	1,810.67	1,136.43	946.53	189.89	5.985	
10,200.00	7,034.12	10,480.51	7,234.98	99.26	98.80	100.23	-1,159.01	1,910.66	1,136.45	940.92	195.53	5.812	
10,300.00	7,036.27	10,580.51	7,236.68	102.13	101.65	100.21	-1,159.25	2,010.64	1,136.47	935.28	201.18	5.649	
10,400.00	7,038.42	10,680.51	7,238.39	104.99	104.51	100.19	-1,159.48	2,110.62	1,136.49	929.64	206.85	5.494	
10,500.00	7,040.56	10,780.51	7,240.10	107.87	107.37	100.17	-1,159.72	2,210.61	1,136.51	923.99	212.52	5.348	
10,600.00	7,042.71	10,880.51	7,241.80	110.75	110.25	100.14	-1,159.95	2,310.59	1,136.53	918.32	218.20	5.209	
10,700.00	7,044.86	10,980.51	7,243.51	113.63	113.12	100.12	-1,160.19	2,410.58	1,136.55	912.65	223.90	5.076	
10,800.00	7,047.01	11,080.50	7,245.21	116.52	116.00	100.10	-1,160.42	2,510.56	1,136.57	906.97	229.60	4.950	
10,900.00	7,049.16	11,180.50	7,246.92	119.41	118.88	100.07	-1,160.66	2,610.55	1,136.59	901.28	235.32	4.830	
11,000.00	7,051.31	11,280.50	7,248.63	122.30	121.77	100.05	-1,160.89	2,710.53	1,136.61	895.58	241.04	4.716	
11,100.00	7,053.45	11,380.50	7,250.33	125.20	124.66	100.03	-1,161.12	2,810.51	1,136.64	889.87	246.76	4.606	
11,200.00	7,055.60	11,480.50	7,252.04	128.10	127.56	100.01	-1,161.36	2,910.50	1,136.66	884.16	252.50	4.502	
11,300.00	7,057.75	11,580.50	7,253.75	131.01	130.46	99.98	-1,161.59	3,010.48	1,136.68	878.44	258.24	4.402	
11,400.00	7,059.90	11,680.50	7,255.45	133.91	133.36	99.96	-1,161.83	3,110.47	1,136.70	872.72	263.99	4.306	
11,500.00	7,062.05	11,780.50	7,257.16	136.82	136.26	99.94	-1,162.06	3,210.45	1,136.72	866.99	269.74	4.214	
11,600.00	7,064.20	11,880.50	7,258.86	139.73	139.17	99.91	-1,162.30	3,310.43	1,136.75	861.25	275.50	4.126	
11,700.00	7,066.34	11,980.50	7,260.57	142.65	142.08	99.89	-1,162.53	3,410.42	1,136.77	855.51	281.26	4.042	
11,800.00	7,068.49	12,080.49	7,262.28	145.56	144.99	99.87	-1,162.77	3,510.40	1,136.79	849.77	287.03	3.961	
11,900.00	7,070.64	12,180.49	7,263.98	148.48	147.90	99.85	-1,163.00	3,610.39	1,136.82	844.02	292.80	3.883	
12,000.00	7,072.79	12,280.49	7,265.69	151.40	150.82	99.82	-1,163.23	3,710.37	1,136.84	838.26	298.58	3.808	
12,100.00	7,074.94	12,380.49	7,267.39	154.32	153.73	99.80	-1,163.47	3,810.35	1,136.86	832.50	304.36	3.735	
12,200.00	7,077.09	12,480.49	7,269.10	157.24	156.65	99.78	-1,163.70	3,910.34	1,136.89	826.74	310.14	3.666	
12,300.00	7,079.24	12,580.49	7,270.81	160.16	159.57	99.75	-1,163.94	4,010.32	1,136.91	820.98	315.93	3.599	
12,400.00	7,081.38	12,680.49	7,272.51	163.09	162.49	99.73	-1,164.17	4,110.31	1,136.93	815.21	321.73	3.534	
12,500.00	7,083.53	12,780.49	7,274.22	166.01	165.42	99.71	-1,164.41	4,210.29	1,136.96	809.44	327.52	3.471	
12,600.00	7,085.68	12,880.49	7,275.92	168.94	168.34	99.69	-1,164.64	4,310.28	1,136.98	803.66	333.32	3.411	
12,700.00	7,087.83	12,980.49	7,277.63	171.87	171.27	99.66	-1,164.88	4,410.26	1,137.01	797.88	339.12	3.353	

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
13,100.00	7,096.42	13,380.48	7,284.45	183.60	182.98	99.57	-1,165.81	4,810.20	1,137.11	774.75	362.36	3.138	
13,200.00	7,098.57	13,480.48	7,286.16	186.53	185.91	99.55	-1,166.05	4,910.18	1,137.13	768.95	368.18	3.089	
13,300.00	7,100.72	13,580.48	7,287.87	189.47	188.85	99.53	-1,166.28	5,010.16	1,137.16	763.16	374.00	3.041	
13,400.00	7,102.87	13,680.48	7,289.57	192.40	191.78	99.50	-1,166.52	5,110.15	1,137.19	757.36	379.82	2.994	
13,500.00	7,105.02	13,780.48	7,291.28	195.34	194.72	99.48	-1,166.75	5,210.13	1,137.21	751.57	385.65	2.949	
13,600.00	7,107.17	13,880.48	7,292.99	198.28	197.65	99.46	-1,166.99	5,310.12	1,137.24	745.77	391.47	2.905	
13,700.00	7,109.31	13,980.47	7,294.69	201.21	200.59	99.43	-1,167.22	5,410.10	1,137.26	739.96	397.30	2.862	
13,800.00	7,111.46	14,080.47	7,296.40	204.15	203.52	99.41	-1,167.46	5,510.09	1,137.29	734.16	403.13	2.821	
13,900.00	7,113.61	14,180.47	7,298.10	207.09	206.46	99.39	-1,167.69	5,610.07	1,137.32	728.35	408.96	2.781	
14,000.00	7,115.76	14,280.47	7,299.81	210.03	209.40	99.37	-1,167.93	5,710.05	1,137.35	722.55	414.80	2.742	
14,100.00	7,117.91	14,380.47	7,301.52	212.97	212.34	99.34	-1,168.16	5,810.04	1,137.37	716.74	420.63	2.704	
14,200.00	7,120.06	14,480.47	7,303.22	215.91	215.28	99.32	-1,168.39	5,910.02	1,137.40	710.93	426.47	2.667	
14,300.00	7,122.20	14,580.47	7,304.93	218.86	218.22	99.30	-1,168.63	6,010.01	1,137.43	705.11	432.31	2.631	
14,400.00	7,124.35	14,680.47	7,306.63	221.80	221.16	99.28	-1,168.86	6,109.99	1,137.46	699.30	438.16	2.596	
14,500.00	7,126.50	14,780.47	7,308.34	224.74	224.10	99.25	-1,169.10	6,209.97	1,137.48	693.48	444.00	2.562	
14,600.00	7,128.65	14,880.47	7,310.05	227.69	227.05	99.23	-1,169.33	6,309.96	1,137.51	687.67	449.84	2.529	
14,700.00	7,130.80	14,980.46	7,311.75	230.63	229.99	99.21	-1,169.57	6,409.94	1,137.54	681.85	455.69	2.496	
14,800.00	7,132.95	15,080.46	7,313.46	233.57	232.93	99.18	-1,169.80	6,509.93	1,137.57	676.03	461.54	2.465	
14,900.00	7,135.09	15,180.46	7,315.16	236.52	235.88	99.16	-1,170.04	6,609.91	1,137.60	670.21	467.39	2.434	
15,000.00	7,137.24	15,280.46	7,316.87	239.46	238.82	99.14	-1,170.27	6,709.89	1,137.63	664.38	473.24	2.404	
15,100.00	7,139.39	15,380.46	7,318.58	242.41	241.77	99.12	-1,170.51	6,809.88	1,137.65	658.56	479.10	2.375	
15,200.00	7,141.54	15,480.46	7,320.28	245.36	244.71	99.09	-1,170.74	6,909.86	1,137.68	652.73	484.95	2.346	
15,300.00	7,143.69	15,580.46	7,321.99	248.30	247.66	99.07	-1,170.97	7,009.85	1,137.71	646.91	490.81	2.318	
15,400.00	7,145.84	15,680.46	7,323.69	251.25	250.60	99.05	-1,171.21	7,109.83	1,137.74	641.08	496.66	2.291	
15,500.00	7,147.99	15,780.46	7,325.40	254.20	253.55	99.02	-1,171.44	7,209.82	1,137.77	635.25	502.52	2.264	
15,600.00	7,150.13	15,880.46	7,327.11	257.15	256.50	99.00	-1,171.68	7,309.80	1,137.80	629.42	508.38	2.238	
15,700.00	7,152.28	15,980.45	7,328.81	260.09	259.44	98.98	-1,171.91	7,409.78	1,137.83	623.59	514.24	2.213	
15,800.00	7,154.43	16,080.45	7,330.52	263.04	262.39	98.96	-1,172.15	7,509.77	1,137.86	617.75	520.11	2.188	
15,900.00	7,156.58	16,180.45	7,332.23	265.99	265.34	98.93	-1,172.38	7,609.75	1,137.89	611.92	525.97	2.163	
16,000.00	7,158.73	16,280.45	7,333.93	268.94	268.29	98.91	-1,172.62	7,709.74	1,137.92	606.09	531.84	2.140	
16,100.00	7,160.88	16,380.45	7,335.64	271.89	271.24	98.89	-1,172.85	7,809.72	1,137.95	600.25	537.70	2.116	
16,200.00	7,163.02	16,480.45	7,337.34	274.84	274.19	98.86	-1,173.08	7,909.70	1,137.99	594.41	543.57	2.094	
16,300.00	7,165.17	16,580.45	7,339.05	277.79	277.13	98.84	-1,173.32	8,009.69	1,138.02	588.58	549.44	2.071	
16,400.00	7,167.32	16,680.45	7,340.76	280.74	280.08	98.82	-1,173.55	8,109.67	1,138.05	582.74	555.31	2.049	
16,500.00	7,169.47	16,780.45	7,342.46	283.69	283.03	98.80	-1,173.79	8,209.66	1,138.08	576.90	561.18	2.028	
16,600.00	7,171.62	16,880.45	7,344.17	286.64	285.98	98.77	-1,174.02	8,309.64	1,138.11	571.06	567.05	2.007	
16,700.00	7,173.77	16,980.44	7,345.87	289.59	288.93	98.75	-1,174.26	8,409.63	1,138.14	565.22	572.93	1.987	
16,800.00	7,175.91	17,080.44	7,347.58	292.54	291.89	98.73	-1,174.49	8,509.61	1,138.17	559.38	578.80	1.966	
16,900.00	7,178.06	17,180.44	7,349.29	295.50	294.84	98.71	-1,174.73	8,609.59	1,138.21	553.53	584.67	1.947	
17,000.00	7,180.21	17,280.44	7,350.99	298.45	297.79	98.68	-1,174.96	8,709.58	1,138.24	547.69	590.55	1.927	
17,100.00	7,182.36	17,380.44	7,352.70	301.40	300.74	98.66	-1,175.20	8,809.56	1,138.27	541.84	596.43	1.908	
17,200.00	7,184.51	17,480.44	7,354.40	304.35	303.69	98.64	-1,175.43	8,909.55	1,138.30	536.00	602.31	1.890	
17,300.00	7,186.66	17,580.44	7,356.11	307.30	306.64	98.61	-1,175.66	9,009.53	1,138.34	530.15	608.19	1.872	
17,400.00	7,188.81	17,680.44	7,357.82	310.26	309.60	98.59	-1,175.90	9,109.51	1,138.37	524.31	614.07	1.854	
17,455.61	7,190.00	17,736.04	7,358.77	311.90	311.24	98.58	-1,176.03	9,165.11	1,138.39	521.05	617.34	1.844 SF	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	3.28	3.28	-179.60	-80.14	-0.56	80.14					
100.00	100.00	101.00	99.00	3.28	3.28	-179.60	-80.14	-0.56	80.14	72.62	7.53	10.647		
200.00	200.00	201.00	199.00	3.30	3.30	-179.60	-80.14	-0.56	80.14	72.57	7.57	10.588		
255.97	255.97	254.97	254.97	3.32	3.32	-88.50	-80.14	-0.56	80.14	72.53	7.61	10.530	CC, ES	
300.00	300.00	298.35	298.35	3.34	3.34	-88.35	-80.33	-0.92	80.33	72.68	7.65	10.500		
400.00	399.93	397.01	396.94	3.41	3.40	-88.66	-81.93	-3.88	81.86	74.10	7.76	10.543		
500.00	499.68	495.61	495.31	3.49	3.48	-89.23	-85.13	-9.82	84.96	77.03	7.93	10.720		
600.00	599.13	594.12	593.29	3.60	3.58	-89.99	-89.93	-18.73	89.61	81.47	8.14	11.010		
700.00	698.15	692.50	690.74	3.75	3.72	-90.88	-96.31	-30.59	95.84	87.43	8.41	11.390		
800.00	796.63	790.72	787.52	3.93	3.90	-91.82	-104.26	-45.35	103.64	94.88	8.76	11.825		
900.00	894.44	888.75	883.47	4.16	4.12	-92.76	-113.76	-63.00	113.02	103.82	9.20	12.283		
1,000.00	991.57	986.55	978.46	4.44	4.39	-93.57	-124.78	-83.47	123.94	114.20	9.73	12.734		
1,100.00	1,088.60	1,084.85	1,073.17	4.75	4.72	-93.32	-137.26	-106.64	136.08	125.73	10.35	13.153		
1,200.00	1,185.63	1,184.08	1,168.63	5.10	5.09	-92.91	-150.11	-130.50	148.44	137.41	11.03	13.461		
1,300.00	1,282.66	1,283.31	1,264.08	5.46	5.48	-92.57	-162.96	-154.37	160.81	149.05	11.76	13.678		
1,400.00	1,379.69	1,382.53	1,359.54	5.85	5.90	-92.27	-175.81	-178.23	173.19	160.66	12.52	13.827		
1,500.00	1,476.72	1,481.76	1,454.99	6.25	6.34	-92.01	-188.66	-202.09	185.56	172.24	13.32	13.928		
1,600.00	1,573.75	1,580.99	1,550.45	6.66	6.79	-91.79	-201.50	-225.95	197.95	183.80	14.15	13.992		
1,700.00	1,670.78	1,680.22	1,645.90	7.08	7.25	-91.59	-214.35	-249.81	210.33	195.34	14.99	14.030		
1,800.00	1,767.81	1,779.45	1,741.36	7.31	7.55	-91.42	-227.20	-273.68	222.72	207.42	15.30	14.561		
1,900.00	1,864.84	1,878.67	1,836.81	7.38	7.67	-91.26	-240.05	-297.54	235.10	219.81	15.30	15.370		
2,000.00	1,961.87	1,977.90	1,932.27	7.48	7.78	-91.12	-252.90	-321.40	247.49	232.00	15.49	15.976		
2,100.00	2,058.90	2,077.13	2,027.72	7.61	7.92	-90.99	-265.75	-345.26	259.89	244.14	15.75	16.502		
2,200.00	2,155.92	2,176.36	2,123.18	7.77	8.10	-90.87	-278.59	-369.12	272.28	256.21	16.06	16.949		
2,300.00	2,252.95	2,275.58	2,218.63	7.96	8.30	-90.77	-291.44	-392.98	284.67	268.24	16.44	17.320		
2,400.00	2,349.98	2,374.81	2,314.09	8.17	8.54	-90.67	-304.29	-416.85	297.07	280.21	16.86	17.621		
2,500.00	2,447.01	2,474.04	2,409.54	8.41	8.80	-90.58	-317.14	-440.71	309.46	292.13	17.33	17.858		
2,600.00	2,544.04	2,573.27	2,505.00	8.66	9.09	-90.50	-329.99	-464.57	321.86	304.01	17.84	18.038		
2,700.00	2,641.07	2,672.50	2,600.45	8.94	9.40	-90.42	-342.84	-488.43	334.25	315.86	18.40	18.169		
2,800.00	2,738.10	2,771.72	2,695.91	9.23	9.72	-90.35	-355.68	-512.29	346.65	327.66	18.99	18.257		
2,900.00	2,835.13	2,870.95	2,791.36	9.54	10.07	-90.28	-368.53	-536.16	359.05	339.44	19.61	18.309		
3,000.00	2,932.16	2,970.18	2,886.82	9.86	10.43	-90.22	-381.38	-560.02	371.45	351.18	20.26	18.332		
3,100.00	3,029.19	3,069.41	2,982.27	10.20	10.81	-90.16	-394.23	-583.88	383.84	362.90	20.94	18.329		
3,200.00	3,126.22	3,168.63	3,077.73	10.55	11.20	-90.11	-407.08	-607.74	396.24	374.60	21.65	18.306		
3,300.00	3,223.25	3,267.86	3,173.18	10.91	11.60	-90.06	-419.93	-631.60	408.64	386.27	22.37	18.267		
3,400.00	3,320.28	3,367.09	3,268.64	11.28	12.01	-90.01	-432.77	-655.47	421.04	397.92	23.12	18.214		
3,500.00	3,417.31	3,466.32	3,364.09	11.66	12.43	-89.96	-445.62	-679.33	433.44	409.56	23.88	18.152		
3,600.00	3,514.34	3,565.54	3,459.55	12.05	12.86	-89.92	-458.47	-703.19	445.84	421.18	24.66	18.081		
3,700.00	3,611.37	3,664.77	3,555.00	12.44	13.30	-89.88	-471.32	-727.05	458.24	432.79	25.45	18.005		
3,800.00	3,708.40	3,764.00	3,650.46	12.84	13.74	-89.84	-484.17	-750.91	470.64	444.38	26.26	17.924		
3,900.00	3,805.43	3,863.23	3,745.91	13.25	14.19	-89.81	-497.01	-774.77	483.04	455.96	27.08	17.840		
4,000.00	3,902.46	3,962.46	3,841.37	13.66	14.65	-89.77	-509.86	-798.64	495.44	467.53	27.91	17.754		
4,100.00	3,999.49	4,061.68	3,936.82	14.08	15.11	-89.74	-522.71	-822.50	507.84	479.10	28.75	17.666		
4,200.00	4,096.52	4,160.91	4,032.28	14.50	15.57	-89.71	-535.56	-846.36	520.24	490.65	29.59	17.579		
4,300.00	4,193.55	4,260.14	4,127.73	14.92	16.04	-89.68	-548.41	-870.22	532.64	502.19	30.45	17.491		
4,400.00	4,290.58	4,359.37	4,223.19	15.35	16.52	-89.65	-561.26	-894.08	545.04	513.73	31.32	17.404		
4,500.00	4,387.61	4,458.59	4,318.64	15.78	16.99	-89.62	-574.10	-917.95	557.45	525.26	32.19	17.318		
4,600.00	4,484.63	4,557.82	4,414.10	16.22	17.48	-89.60	-586.95	-941.81	569.85	536.78	33.07	17.233		
4,700.00	4,581.66	4,657.05	4,509.56	16.66	17.96	-89.57	-599.80	-965.67	582.25	548.30	33.95	17.150		
4,800.00	4,678.69	4,756.28	4,605.01	17.10	18.45	-89.55	-612.65	-989.53	594.65	559.81	34.84	17.068		
4,900.00	4,775.72	4,855.50	4,700.47	17.55	18.94	-89.52	-625.50	-1,013.39	607.05	571.32	35.73	16.988		
5,000.00	4,872.75	4,954.73	4,795.92	17.99	19.43	-89.50	-638.35	-1,037.26	619.45	582.82	36.63	16.909		
5,100.00	4,969.78	5,053.96	4,891.38	18.44	19.92	-89.48	-651.19	-1,061.12	631.86	594.32	37.54	16.833		
5,200.00	5,066.81	5,153.19	4,986.83	18.89	20.42	-89.46	-664.04	-1,084.98	644.26	605.81	38.45	16.758		
5,300.00	5,163.84	5,252.42	5,082.29	19.35	20.92	-89.44	-676.89	-1,108.84	656.66	617.30	39.36	16.685		
5,400.00	5,260.87	5,351.64	5,177.74	19.80	21.42	-89.42	-689.74	-1,132.70	669.06	628.79	40.27	16.614		
5,500.00	5,357.90	5,450.87	5,273.20	20.26	21.92	-89.41	-702.59	-1,156.56	681.47	640.28	41.19	16.545		
5,600.00	5,454.93	5,550.10	5,368.65	20.71	22.42	-89.39	-715.44	-1,180.43	693.87	651.76	42.11	16.477		
5,700.00	5,551.96	5,649.33	5,464.11	21.17	22.93	-89.37	-728.28	-1,204.29	706.27	663.24	43.03	16.412		
5,800.00	5,648.99	5,748.55	5,559.56	21.63	23.43	-89.35	-741.13	-1,228.15	718.67	674.71	43.96	16.348		
5,900.00	5,746.02	5,847.78	5,655.02	22.09	23.94	-89.34	-753.98	-1,252.01	731.07	686.18	44.89	16.286		
6,000.00	5,843.05	5,947.01	5,750.47	22.56	24.45	-89.32	-766.83	-1,275.87	743.48	697.66	45.82	16.226		
6,100.00	5,940.08	6,046.24	5,845.93	23.02	24.96	-89.31	-779.68	-1,299.74	755.88	709.12	46.75	16.167		
6,200.00	6,037.11	6,145.47	5,941.38	23.49	25.47	-89.29	-792.53	-1,323.60	768.28	720.59	47.69	16.110		
6,300.00	6,134.14	6,244.69	6,036.84	23.95	25.98	-89.28	-805.37	-1,347.46	780.69	732.06	48.63	16.054		
6,400.00	6,231.54	6,343.88	6,132.25	24.36	26.49	-89.07	-818.22	-1,371.31	793.06	743.57	49.49	16.025		

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,331.02	6,441.37	6,226.10	24.51	26.97	-67.14	-830.85	-1,394.47	805.32	755.37	49.95	16.124	
6,600.00	6,430.70	6,537.62	6,320.52	24.59	27.18	86.73	-843.55	-1,407.58	817.85	767.81	50.04	16.344	
6,700.00	6,528.14	6,636.96	6,418.85	24.65	27.29	88.23	-856.76	-1,405.91	830.56	780.51	50.04	16.597	
6,800.00	6,620.94	6,739.77	6,519.07	24.74	27.36	88.89	-870.22	-1,387.97	843.13	793.07	50.06	16.841	
6,900.00	6,706.80	6,846.39	6,618.58	24.91	27.42	89.37	-883.57	-1,352.44	855.22	805.00	50.22	17.030	
7,000.00	6,783.62	6,957.08	6,714.17	25.23	27.51	89.77	-896.37	-1,298.40	866.42	815.78	50.64	17.109	
7,100.00	6,849.51	7,071.90	6,801.98	25.75	27.73	90.13	-908.11	-1,225.60	876.36	824.86	51.49	17.019	
7,200.00	6,902.84	7,190.68	6,877.66	26.52	28.14	90.43	-918.21	-1,134.85	884.62	831.68	52.94	16.710	
7,300.00	6,942.30	7,312.92	6,936.74	27.55	28.86	90.69	-926.07	-1,028.34	890.85	835.75	55.10	16.167	
7,400.00	6,966.92	7,437.79	6,975.16	28.83	29.96	90.86	-931.14	-909.84	894.75	836.77	57.98	15.432	
7,500.00	6,976.11	7,564.17	6,989.99	30.30	31.42	90.95	-933.03	-784.56	896.12	834.72	61.40	14.595	
7,600.00	6,978.26	7,664.25	6,991.87	31.95	32.85	90.93	-933.20	-684.49	896.15	831.49	64.67	13.858	
7,700.00	6,980.41	7,764.25	6,993.75	33.78	34.48	90.92	-933.37	-584.51	896.19	827.91	68.27	13.126	
7,800.00	6,982.56	7,864.25	6,995.62	35.76	36.30	90.90	-933.55	-484.53	896.22	824.03	72.19	12.415	
7,900.00	6,984.70	7,964.25	6,997.50	37.87	38.27	90.88	-933.72	-384.55	896.25	819.89	76.37	11.736	
8,000.00	6,986.85	8,064.25	6,999.38	40.08	40.38	90.87	-933.89	-284.56	896.29	815.52	80.77	11.097	
8,100.00	6,989.00	8,164.25	7,001.25	42.39	42.61	90.85	-934.06	-184.58	896.32	810.97	85.35	10.501	
8,200.00	6,991.15	8,264.25	7,003.13	44.78	44.92	90.83	-934.23	-84.60	896.36	806.26	90.10	9.949	
8,300.00	6,993.30	8,364.25	7,005.01	47.23	47.32	90.81	-934.41	15.38	896.39	801.42	94.97	9.438	
8,400.00	6,995.45	8,464.25	7,006.89	49.74	49.77	90.80	-934.58	115.36	896.43	796.46	99.97	8.967	
8,500.00	6,997.60	8,564.25	7,008.76	52.29	52.29	90.78	-934.75	215.34	896.46	791.40	105.06	8.533	
8,600.00	6,999.74	8,664.25	7,010.64	54.89	54.85	90.76	-934.92	315.33	896.49	786.27	110.23	8.133	
8,700.00	7,001.89	8,764.25	7,012.52	57.52	57.45	90.74	-935.10	415.31	896.53	781.05	115.48	7.764	
8,800.00	7,004.04	8,864.25	7,014.39	60.18	60.09	90.73	-935.27	515.29	896.56	775.78	120.79	7.423	
8,900.00	7,006.19	8,964.25	7,016.27	62.87	62.76	90.71	-935.44	615.27	896.60	770.45	126.15	7.107	
9,000.00	7,008.34	9,064.25	7,018.15	65.58	65.45	90.69	-935.61	715.25	896.63	765.07	131.56	6.815	
9,100.00	7,010.49	9,164.25	7,020.02	68.32	68.17	90.67	-935.79	815.24	896.67	759.65	137.02	6.544	
9,200.00	7,012.63	9,264.25	7,021.90	71.07	70.91	90.66	-935.96	915.22	896.70	754.19	142.51	6.292	
9,300.00	7,014.78	9,364.25	7,023.78	73.84	73.66	90.64	-936.13	1,015.20	896.74	748.70	148.04	6.057	
9,400.00	7,016.93	9,464.25	7,025.65	76.62	76.43	90.62	-936.30	1,115.18	896.77	743.17	153.60	5.838	
9,500.00	7,019.08	9,564.25	7,027.53	79.42	79.22	90.60	-936.47	1,215.16	896.81	737.63	159.18	5.634	
9,600.00	7,021.23	9,664.25	7,029.41	82.22	82.02	90.59	-936.65	1,315.14	896.85	732.05	164.79	5.442	
9,700.00	7,023.38	9,764.25	7,031.29	85.04	84.83	90.57	-936.82	1,415.13	896.88	726.46	170.42	5.263	
9,800.00	7,025.52	9,864.25	7,033.16	87.87	87.65	90.55	-936.99	1,515.11	896.92	720.84	176.07	5.094	
9,900.00	7,027.67	9,964.25	7,035.04	90.71	90.47	90.53	-937.16	1,615.09	896.95	715.21	181.74	4.935	
10,000.00	7,029.82	10,064.25	7,036.92	93.55	93.31	90.52	-937.34	1,715.07	896.99	709.56	187.42	4.786	
10,100.00	7,031.97	10,164.24	7,038.79	96.40	96.16	90.50	-937.51	1,815.05	897.02	703.90	193.12	4.645	
10,200.00	7,034.12	10,264.24	7,040.67	99.26	99.01	90.48	-937.68	1,915.04	897.06	698.23	198.83	4.512	
10,300.00	7,036.27	10,364.24	7,042.55	102.13	101.87	90.47	-937.85	2,015.02	897.10	692.54	204.56	4.386	
10,400.00	7,038.42	10,464.24	7,044.42	104.99	104.73	90.45	-938.03	2,115.00	897.13	686.84	210.29	4.266	
10,500.00	7,040.56	10,564.24	7,046.30	107.87	107.60	90.43	-938.20	2,214.98	897.17	681.13	216.04	4.153	
10,600.00	7,042.71	10,664.24	7,048.18	110.75	110.48	90.41	-938.37	2,314.96	897.20	675.41	221.79	4.045	
10,700.00	7,044.86	10,764.24	7,050.05	113.63	113.36	90.40	-938.54	2,414.95	897.24	669.68	227.56	3.943	
10,800.00	7,047.01	10,864.24	7,051.93	116.52	116.24	90.38	-938.71	2,514.93	897.28	663.95	233.33	3.846	
10,900.00	7,049.16	10,964.24	7,053.81	119.41	119.13	90.36	-938.89	2,614.91	897.31	658.20	239.11	3.753	
11,000.00	7,051.31	11,064.24	7,055.68	122.30	122.02	90.34	-939.06	2,714.89	897.35	652.45	244.90	3.664	
11,100.00	7,053.45	11,164.24	7,057.56	125.20	124.91	90.33	-939.23	2,814.87	897.39	646.70	250.69	3.580	
11,200.00	7,055.60	11,264.24	7,059.44	128.10	127.81	90.31	-939.40	2,914.85	897.42	640.93	256.49	3.499	
11,300.00	7,057.75	11,364.24	7,061.32	131.01	130.71	90.29	-939.58	3,014.84	897.46	635.17	262.29	3.422	
11,400.00	7,059.90	11,464.24	7,063.19	133.91	133.62	90.27	-939.75	3,114.82	897.50	629.39	268.10	3.348	
11,500.00	7,062.05	11,564.24	7,065.07	136.82	136.52	90.26	-939.92	3,214.80	897.53	623.61	273.92	3.277	
11,600.00	7,064.20	11,664.24	7,066.95	139.73	139.43	90.24	-940.09	3,314.78	897.57	617.83	279.74	3.209	
11,700.00	7,066.34	11,764.24	7,068.82	142.65	142.34	90.22	-940.27	3,414.76	897.61	612.04	285.56	3.143	
11,800.00	7,068.49	11,864.24	7,070.70	145.56	145.26	90.21	-940.44	3,514.75	897.64	606.25	291.39	3.081	
11,900.00	7,070.64	11,964.24	7,072.58	148.48	148.17	90.19	-940.61	3,614.73	897.68	600.46	297.23	3.020	
12,000.00	7,072.79	12,064.24	7,074.45	151.40	151.09	90.17	-940.78	3,714.71	897.72	594.66	303.06	2.962	
12,100.00	7,074.94	12,164.24	7,076.33	154.32	154.01	90.15	-940.96	3,814.69	897.76	588.86	308.90	2.906	
12,200.00	7,077.09	12,264.24	7,078.21	157.24	156.93	90.14	-941.13	3,914.67	897.79	583.05	314.74	2.852	
12,300.00	7,079.24	12,364.24	7,080.08	160.16	159.85	90.12	-941.30	4,014.66	897.83	577.24	320.59	2.801	
12,400.00	7,081.38	12,464.24	7,081.96	163.09	162.77	90.10	-941.47	4,114.64	897.87	571.43	326.44	2.750	
12,500.00	7,083.53	12,564.24	7,083.84	166.01	165.70	90.08	-941.64	4,214.62	897.91	565.62	332.29	2.702	
12,600.00	7,085.68	12,664.24	7,085.71	168.94	168.62	90.07	-941.82	4,314.60	897.95	559.80	338.15	2.656	
12,700.00	7,087.83	12,764.23	7,087.59	171.87	171.55	90.05	-941.99	4,414.58	897.98	553.98	344.00	2.610	
12,800.00	7,089.98	12,864.23	7,089.47	174.80	174.48	90.03	-942.16	4,514.56	898.02	548.16	349.86	2.567	
12,900.00	7,092.13	12,964.23	7,091.35	177.73	177.41	90.01	-942.33	4,614.55	898.06	542.34	355.72	2.525	
13,000.00	7,094.27	13,064.23	7,093.22	180.66	180.34	90.00	-942.51	4,714.53	898.10	536.51	361.59	2.484	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	7,096.42	13,164.23	7,095.10	183.60	183.27	89.98	-942.68	4,814.51	898.14	530.69	367.45	2.444	
13,200.00	7,098.57	13,264.23	7,096.98	186.53	186.20	89.96	-942.85	4,914.49	898.17	524.86	373.32	2.406	
13,300.00	7,100.72	13,364.23	7,098.85	189.47	189.14	89.95	-943.02	5,014.47	898.21	519.03	379.19	2.369	
13,400.00	7,102.87	13,464.23	7,100.73	192.40	192.07	89.93	-943.20	5,114.46	898.25	513.19	385.06	2.333	
13,500.00	7,105.02	13,564.23	7,102.61	195.34	195.01	89.91	-943.37	5,214.44	898.29	507.36	390.93	2.298	
13,600.00	7,107.17	13,664.23	7,104.48	198.28	197.94	89.89	-943.54	5,314.42	898.33	501.53	396.80	2.264	
13,700.00	7,109.31	13,764.23	7,106.36	201.21	200.88	89.88	-943.71	5,414.40	898.37	495.69	402.68	2.231	
13,800.00	7,111.46	13,864.23	7,108.24	204.15	203.82	89.86	-943.88	5,514.38	898.41	489.85	408.56	2.199	
13,900.00	7,113.61	13,964.23	7,110.11	207.09	206.76	89.84	-944.06	5,614.36	898.45	484.01	414.43	2.168	
14,000.00	7,115.76	14,064.23	7,111.99	210.03	209.70	89.82	-944.23	5,714.35	898.48	478.17	420.31	2.138	
14,100.00	7,117.91	14,164.23	7,113.87	212.97	212.64	89.81	-944.40	5,814.33	898.52	472.33	426.19	2.108	
14,200.00	7,120.06	14,264.23	7,115.74	215.91	215.58	89.79	-944.57	5,914.31	898.56	466.49	432.08	2.080	
14,300.00	7,122.20	14,364.23	7,117.62	218.86	218.52	89.77	-944.75	6,014.29	898.60	460.64	437.96	2.052	
14,400.00	7,124.35	14,464.23	7,119.50	221.80	221.46	89.75	-944.92	6,114.27	898.64	454.80	443.84	2.025	
14,500.00	7,126.50	14,564.23	7,121.38	224.74	224.40	89.74	-945.09	6,214.26	898.68	448.95	449.73	1.998	
14,600.00	7,128.65	14,664.23	7,123.25	227.69	227.35	89.72	-945.26	6,314.24	898.72	443.11	455.61	1.973	
14,700.00	7,130.80	14,764.23	7,125.13	230.63	230.29	89.70	-945.44	6,414.22	898.76	437.26	461.50	1.947	
14,800.00	7,132.95	14,864.23	7,127.01	233.57	233.23	89.69	-945.61	6,514.20	898.80	431.41	467.39	1.923	
14,900.00	7,135.09	14,964.23	7,128.88	236.52	236.18	89.67	-945.78	6,614.18	898.84	425.56	473.28	1.899	
15,000.00	7,137.24	15,064.23	7,130.76	239.46	239.12	89.65	-945.95	6,714.17	898.88	419.71	479.17	1.876	
15,100.00	7,139.39	15,164.23	7,132.64	242.41	242.07	89.63	-946.12	6,814.15	898.92	413.86	485.06	1.853	
15,200.00	7,141.54	15,264.23	7,134.51	245.36	245.02	89.62	-946.30	6,914.13	898.96	408.01	490.95	1.831	
15,300.00	7,143.69	15,364.23	7,136.39	248.30	247.96	89.60	-946.47	7,014.11	899.00	402.16	496.84	1.809	
15,400.00	7,145.84	15,464.22	7,138.27	251.25	250.91	89.58	-946.64	7,114.09	899.04	396.31	502.73	1.788	
15,500.00	7,147.99	15,564.22	7,140.14	254.20	253.86	89.56	-946.81	7,214.07	899.08	390.45	508.63	1.768	
15,600.00	7,150.13	15,664.22	7,142.02	257.15	256.80	89.55	-946.99	7,314.06	899.12	384.60	514.52	1.747	
15,700.00	7,152.28	15,764.22	7,143.90	260.09	259.75	89.53	-947.16	7,414.04	899.16	378.74	520.42	1.728	
15,800.00	7,154.43	15,864.22	7,145.78	263.04	262.70	89.51	-947.33	7,514.02	899.20	372.89	526.31	1.708	
15,900.00	7,156.58	15,964.22	7,147.65	265.99	265.65	89.50	-947.50	7,614.00	899.24	367.03	532.21	1.690	
16,000.00	7,158.73	16,064.22	7,149.53	268.94	268.60	89.48	-947.68	7,713.98	899.28	361.18	538.10	1.671	
16,100.00	7,160.88	16,164.22	7,151.41	271.89	271.55	89.46	-947.85	7,813.97	899.32	355.32	544.00	1.653	
16,200.00	7,163.02	16,264.22	7,153.28	274.84	274.49	89.44	-948.02	7,913.95	899.36	349.47	549.90	1.636	
16,300.00	7,165.17	16,364.22	7,155.16	277.79	277.44	89.43	-948.19	8,013.93	899.40	343.61	555.80	1.618	
16,400.00	7,167.32	16,464.22	7,157.04	280.74	280.39	89.41	-948.36	8,113.91	899.45	337.75	561.69	1.601	
16,500.00	7,169.47	16,564.22	7,158.91	283.69	283.34	89.39	-948.54	8,213.89	899.49	331.89	567.59	1.585	
16,600.00	7,171.62	16,664.22	7,160.79	286.64	286.30	89.37	-948.71	8,313.88	899.53	326.04	573.49	1.569	
16,700.00	7,173.77	16,764.22	7,162.67	289.59	289.25	89.36	-948.88	8,413.86	899.57	320.18	579.39	1.553	
16,800.00	7,175.91	16,864.22	7,164.54	292.54	292.20	89.34	-949.05	8,513.84	899.61	314.32	585.29	1.537	
16,900.00	7,178.06	16,964.22	7,166.42	295.50	295.15	89.32	-949.23	8,613.82	899.65	308.46	591.19	1.522	
17,000.00	7,180.21	17,064.22	7,168.30	298.45	298.10	89.31	-949.40	8,713.80	899.69	302.60	597.09	1.507	
17,100.00	7,182.36	17,164.22	7,170.17	301.40	301.05	89.29	-949.57	8,813.78	899.73	296.74	603.00	1.492	Level 3
17,200.00	7,184.51	17,264.22	7,172.05	304.35	304.00	89.27	-949.74	8,913.77	899.78	290.88	608.90	1.478	Level 3
17,300.00	7,186.66	17,364.22	7,173.93	307.30	306.96	89.25	-949.92	9,013.75	899.82	285.02	614.80	1.464	Level 3
17,400.00	7,188.81	17,464.22	7,175.81	310.26	309.91	89.24	-950.09	9,113.73	899.86	279.16	620.70	1.450	Level 3
17,455.61	7,190.00	17,519.82	7,176.85	311.90	311.55	89.23	-950.18	9,169.33	899.88	275.90	623.98	1.442	Level 3, SF

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	0.81	19.68	0.28	19.68				
100.00	100.00	100.00	100.00	3.28	3.28	0.81	19.68	0.28	19.68	12.15	7.53	2.614	
200.00	200.00	200.00	200.00	3.30	3.30	0.81	19.68	0.28	19.68	12.11	7.57	2.600	
200.00	200.00	200.00	200.00	3.30	3.30	0.81	19.68	0.28	19.68	12.11	7.57	2.600 CC	
300.00	300.00	299.97	299.97	3.34	3.34	92.11	19.72	-0.15	19.73	12.08	7.65	2.579	
400.00	399.93	399.91	399.84	3.41	3.41	92.15	20.09	-3.62	20.18	12.41	7.77	2.596	
500.00	499.68	499.84	499.52	3.49	3.49	92.20	20.81	-10.55	21.07	13.12	7.94	2.653	
600.00	599.13	599.76	598.89	3.60	3.60	92.28	21.91	-20.93	22.39	14.23	8.16	2.743	
700.00	698.15	699.68	697.83	3.75	3.75	92.37	23.36	-34.75	24.17	15.71	8.45	2.859	
800.00	796.63	799.58	796.21	3.93	3.93	92.46	25.17	-51.99	26.37	17.56	8.82	2.991	
900.00	894.44	899.47	893.92	4.16	4.16	92.54	27.34	-72.62	29.02	19.74	9.27	3.129	
1,000.00	991.57	1,000.61	991.08	4.44	4.44	93.36	29.78	-95.84	32.01	22.18	9.83	3.257	
1,100.00	1,088.60	1,100.65	1,088.23	4.75	4.74	94.52	32.23	-119.21	35.06	24.60	10.45	3.354	
1,200.00	1,185.63	1,200.70	1,185.38	5.10	5.08	95.49	34.69	-142.58	38.11	26.98	11.13	3.425	
1,300.00	1,282.66	1,300.75	1,282.53	5.46	5.43	96.31	37.15	-165.96	41.17	29.33	11.84	3.477	
1,400.00	1,379.69	1,400.80	1,379.68	5.85	5.81	97.03	39.61	-189.33	44.24	31.65	12.59	3.514	
1,500.00	1,476.72	1,500.85	1,476.83	6.25	6.20	97.64	42.06	-212.71	47.32	33.95	13.37	3.540	
1,600.00	1,573.75	1,600.90	1,573.98	6.66	6.60	98.19	44.52	-236.08	50.40	36.23	14.17	3.557	
1,700.00	1,670.78	1,700.94	1,671.12	7.08	7.00	98.67	46.98	-259.45	53.49	38.50	14.99	3.569	
1,800.00	1,767.81	1,800.99	1,768.27	7.31	7.23	99.10	49.43	-282.83	56.57	41.51	15.06	3.756	
1,900.00	1,864.84	1,901.04	1,865.42	7.38	7.30	99.48	51.89	-306.20	59.67	44.47	15.19	3.928	
2,000.00	1,961.87	2,001.09	1,962.57	7.48	7.39	99.83	54.35	-329.58	62.76	47.38	15.38	4.080	
2,100.00	2,058.90	2,101.14	2,059.72	7.61	7.52	100.14	56.80	-352.95	65.85	50.22	15.63	4.213	
2,200.00	2,155.92	2,201.19	2,156.87	7.77	7.67	100.42	59.26	-376.32	68.95	53.01	15.94	4.326	
2,300.00	2,252.95	2,301.24	2,254.02	7.96	7.85	100.68	61.72	-399.70	72.05	55.76	16.30	4.422	
2,400.00	2,349.98	2,401.28	2,351.17	8.17	8.06	100.92	64.17	-423.07	75.15	58.45	16.70	4.500	
2,500.00	2,447.01	2,501.33	2,448.32	8.41	8.28	101.14	66.63	-446.45	78.25	61.10	17.15	4.562	
2,600.00	2,544.04	2,601.38	2,545.46	8.66	8.53	101.35	69.09	-469.82	81.36	63.71	17.65	4.611	
2,700.00	2,641.07	2,701.43	2,642.61	8.94	8.80	101.54	71.54	-493.19	84.46	66.28	18.18	4.647	
2,800.00	2,738.10	2,801.48	2,739.76	9.23	9.08	101.71	74.00	-516.57	87.56	68.82	18.74	4.672	
2,900.00	2,835.13	2,901.53	2,836.91	9.54	9.38	101.87	76.46	-539.94	90.67	71.33	19.34	4.689	
3,000.00	2,932.16	3,001.58	2,934.06	9.86	9.69	102.03	78.91	-563.32	93.77	73.81	19.96	4.698	
3,100.00	3,029.19	3,101.62	3,031.21	10.20	10.02	102.17	81.37	-586.69	96.88	76.27	20.61	4.700	
3,200.00	3,126.22	3,201.67	3,128.36	10.55	10.36	102.30	83.83	-610.06	99.99	78.70	21.28	4.698	
3,300.00	3,223.25	3,301.72	3,225.51	10.91	10.70	102.43	86.28	-633.44	103.10	81.12	21.98	4.691	
3,400.00	3,320.28	3,401.77	3,322.66	11.28	11.06	102.55	88.74	-656.81	106.20	83.51	22.69	4.680	
3,500.00	3,417.31	3,501.82	3,419.80	11.66	11.43	102.66	91.20	-680.19	109.31	85.89	23.42	4.667	
3,600.00	3,514.34	3,601.87	3,516.95	12.05	11.80	102.76	93.65	-703.56	112.42	88.25	24.17	4.651	
3,700.00	3,611.37	3,701.92	3,614.10	12.44	12.18	102.86	96.11	-726.93	115.53	90.60	24.93	4.634	
3,800.00	3,708.40	3,801.96	3,711.25	12.84	12.57	102.96	98.57	-750.31	118.64	92.94	25.70	4.616	
3,900.00	3,805.43	3,902.01	3,808.40	13.25	12.97	103.05	101.02	-773.68	121.75	95.26	26.49	4.597	
4,000.00	3,902.46	4,002.06	3,905.55	13.66	13.37	103.13	103.48	-797.06	124.86	97.58	27.28	4.576	
4,100.00	3,999.49	4,102.11	4,002.70	14.08	13.77	103.21	105.94	-820.43	127.97	99.88	28.09	4.556	
4,200.00	4,096.52	4,202.16	4,099.85	14.50	14.18	103.29	108.39	-843.81	131.08	102.18	28.90	4.535	
4,300.00	4,193.55	4,302.21	4,197.00	14.92	14.59	103.37	110.85	-867.18	134.19	104.47	29.72	4.515	
4,400.00	4,290.58	4,402.26	4,294.14	15.35	15.01	103.44	113.31	-890.55	137.30	106.75	30.55	4.494	
4,500.00	4,387.61	4,502.30	4,391.29	15.78	15.43	103.50	115.76	-913.93	140.42	109.02	31.39	4.473	
4,600.00	4,484.63	4,602.35	4,488.44	16.22	15.85	103.57	118.22	-937.30	143.53	111.29	32.23	4.453	
4,700.00	4,581.66	4,702.40	4,585.59	16.66	16.28	103.63	120.68	-960.68	146.64	113.56	33.08	4.433	
4,800.00	4,678.69	4,802.45	4,682.74	17.10	16.71	103.69	123.13	-984.05	149.75	115.81	33.94	4.413	
4,900.00	4,775.72	4,902.50	4,779.89	17.55	17.14	103.74	125.59	-1,007.42	152.86	118.07	34.79	4.393	
5,000.00	4,872.75	4,997.45	4,877.04	17.99	17.55	103.80	128.05	-1,030.80	155.97	120.34	35.64	4.377	
5,100.00	4,969.78	5,102.60	4,974.19	18.44	18.01	103.85	130.50	-1,054.17	159.09	122.56	36.53	4.355	
5,200.00	5,066.81	5,202.64	5,071.34	18.89	18.45	103.90	132.96	-1,077.55	162.20	124.80	37.40	4.337	
5,300.00	5,163.84	5,302.69	5,168.49	19.35	18.89	103.95	135.42	-1,100.92	165.31	127.04	38.27	4.319	
5,400.00	5,260.87	5,397.26	5,265.63	19.80	19.31	104.00	137.87	-1,124.29	168.42	129.30	39.13	4.304	
5,500.00	5,357.90	5,502.79	5,362.78	20.26	19.77	104.04	140.33	-1,147.67	171.54	131.50	40.03	4.285	
5,600.00	5,454.93	5,597.16	5,459.93	20.71	20.19	104.08	142.79	-1,171.04	174.65	133.76	40.89	4.271	
5,700.00	5,551.96	5,702.89	5,557.08	21.17	20.67	104.13	145.24	-1,194.42	177.76	135.96	41.81	4.252	
5,800.00	5,648.99	5,797.06	5,654.23	21.63	21.09	104.17	147.70	-1,217.79	180.88	138.21	42.67	4.239	
5,900.00	5,746.02	5,902.98	5,751.38	22.09	21.56	104.20	150.16	-1,241.16	183.99	140.40	43.59	4.221	
6,000.00	5,843.05	6,003.03	5,848.53	22.56	22.01	104.24	152.61	-1,264.54	187.10	142.62	44.48	4.206	
6,100.00	5,940.08	6,103.08	5,945.68	23.02	22.46	104.28	155.07	-1,287.91	190.22	144.83	45.38	4.191	
6,200.00	6,037.11	6,203.13	6,042.83	23.49	22.92	104.31	157.53	-1,311.29	193.33	147.05	46.28	4.177	
6,300.00	6,134.14	6,296.82	6,139.97	23.95	23.34	104.35	159.98	-1,334.66	196.44	149.29	47.15	4.166	
6,400.00	6,231.54	6,403.26	6,237.10	24.36	23.82	104.59	162.44	-1,358.03	199.17	151.10	48.07	4.143	

Offset Design5N-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	6,331.02	6,504.44	6,333.14	24.51	24.28	122.45	164.87	-1,381.14	199.51	150.48	49.03	4.069	
6,528.82	6,359.84	6,523.51	6,360.30	24.54	24.37	-94.10	165.56	-1,387.67	199.46	150.20	49.26	4.049	
6,600.00	6,430.70	6,590.80	6,426.05	24.59	24.58	-91.55	167.22	-1,401.85	200.31	150.61	49.71	4.030	
6,700.00	6,528.14	6,687.97	6,522.71	24.65	24.74	-98.25	169.64	-1,410.46	205.31	155.59	49.72	4.129	
6,800.00	6,620.94	6,790.17	6,624.54	24.74	24.83	-105.34	172.17	-1,403.55	214.53	165.33	49.20	4.361	
6,900.00	6,706.80	6,898.19	6,729.48	24.91	24.90	-111.87	174.75	-1,378.66	227.10	178.81	48.29	4.703	
7,000.00	6,783.62	7,012.74	6,834.47	25.23	25.02	-117.52	177.30	-1,333.30	241.70	194.50	47.20	5.121	
7,100.00	6,849.51	7,134.38	6,935.15	25.75	25.28	-122.19	179.72	-1,265.41	256.80	210.60	46.19	5.559	
7,200.00	6,902.84	7,263.24	7,025.68	26.52	25.83	-125.85	181.84	-1,174.04	270.79	225.17	45.62	5.935	
7,300.00	6,942.30	7,398.82	7,099.05	27.55	26.82	-128.49	183.51	-1,060.35	282.21	236.28	45.93	6.144	
7,400.00	6,966.92	7,539.73	7,148.06	28.83	28.37	-130.12	184.54	-928.54	289.80	242.35	47.45	6.107	
7,500.00	6,976.11	7,683.73	7,167.01	30.30	30.39	-130.72	184.81	-786.11	292.69	242.50	50.19	5.831	
7,600.00	6,978.26	7,783.52	7,169.04	31.95	32.02	-130.70	184.71	-686.34	292.65	239.95	52.70	5.554	
7,700.00	6,980.41	7,883.52	7,171.06	33.78	33.82	-130.67	184.62	-586.36	292.60	237.13	55.47	5.275	
7,800.00	6,982.56	7,983.52	7,173.09	35.76	35.77	-130.65	184.53	-486.38	292.55	234.06	58.49	5.002	
7,900.00	6,984.70	8,083.52	7,175.12	37.87	37.86	-130.63	184.43	-386.40	292.50	230.79	61.71	4.740	
8,000.00	6,986.85	8,183.52	7,177.15	40.08	40.06	-130.60	184.34	-286.42	292.46	227.34	65.11	4.491	
8,100.00	6,989.00	8,283.52	7,179.18	42.39	42.35	-130.58	184.25	-186.44	292.41	223.74	68.67	4.258	
8,200.00	6,991.15	8,383.52	7,181.21	44.78	44.72	-130.56	184.15	-86.46	292.36	220.02	72.34	4.041	
8,300.00	6,993.30	8,483.52	7,183.24	47.23	47.16	-130.54	184.06	13.52	292.31	216.18	76.13	3.839	
8,400.00	6,995.45	8,583.52	7,185.26	49.74	49.65	-130.51	183.96	113.50	292.27	212.25	80.02	3.653	
8,500.00	6,997.60	8,683.52	7,187.29	52.29	52.19	-130.49	183.87	213.48	292.22	208.24	83.98	3.479	
8,600.00	6,999.74	8,783.52	7,189.32	54.89	54.78	-130.47	183.78	313.46	292.17	204.15	88.02	3.319	
8,700.00	7,001.89	8,883.52	7,191.35	57.52	57.40	-130.44	183.68	413.44	292.13	200.00	92.12	3.171	
8,800.00	7,004.04	8,983.52	7,193.38	60.18	60.06	-130.42	183.59	513.41	292.08	195.80	96.28	3.034	
8,900.00	7,006.19	9,083.52	7,195.41	62.87	62.74	-130.40	183.50	613.39	292.03	191.55	100.48	2.906	
9,000.00	7,008.34	9,183.52	7,197.44	65.58	65.44	-130.37	183.40	713.37	291.98	187.26	104.72	2.788	
9,100.00	7,010.49	9,283.52	7,199.46	68.32	68.17	-130.35	183.31	813.35	291.94	182.93	109.01	2.678	
9,200.00	7,012.63	9,383.52	7,201.49	71.07	70.92	-130.33	183.22	913.33	291.89	178.57	113.32	2.576	
9,300.00	7,014.78	9,483.52	7,203.52	73.84	73.68	-130.30	183.12	1,013.31	291.84	174.17	117.67	2.480	
9,400.00	7,016.93	9,583.52	7,205.55	76.62	76.46	-130.28	183.03	1,113.29	291.80	169.75	122.05	2.391	
9,500.00	7,019.08	9,683.52	7,207.58	79.42	79.25	-130.26	182.93	1,213.27	291.75	165.30	126.45	2.307	
9,600.00	7,021.23	9,783.52	7,209.61	82.22	82.06	-130.24	182.84	1,313.25	291.70	160.83	130.87	2.229	
9,700.00	7,023.38	9,883.52	7,211.64	85.04	84.87	-130.21	182.75	1,413.23	291.66	156.34	135.32	2.155	
9,800.00	7,025.52	9,983.52	7,213.66	87.87	87.69	-130.19	182.65	1,513.21	291.61	151.83	139.78	2.086	
9,900.00	7,027.67	10,083.52	7,215.69	90.71	90.53	-130.17	182.56	1,613.19	291.57	147.30	144.26	2.021	
10,000.00	7,029.82	10,183.52	7,217.72	93.55	93.37	-130.14	182.47	1,713.17	291.52	142.76	148.76	1.960	
10,100.00	7,031.97	10,283.52	7,219.75	96.40	96.22	-130.12	182.37	1,813.15	291.47	138.20	153.27	1.902	
10,200.00	7,034.12	10,383.52	7,221.78	99.26	99.07	-130.10	182.28	1,913.12	291.43	133.62	157.80	1.847	
10,300.00	7,036.27	10,483.52	7,223.81	102.13	101.93	-130.07	182.19	2,013.10	291.38	129.04	162.34	1.795	
10,400.00	7,038.42	10,583.52	7,225.84	104.99	104.80	-130.05	182.09	2,113.08	291.33	124.44	166.89	1.746	
10,500.00	7,040.56	10,683.52	7,227.87	107.87	107.67	-130.03	182.00	2,213.06	291.29	119.83	171.46	1.699	
10,600.00	7,042.71	10,783.52	7,229.89	110.75	110.55	-130.00	181.90	2,313.04	291.24	115.21	176.03	1.654	
10,700.00	7,044.86	10,883.52	7,231.92	113.63	113.43	-129.98	181.81	2,413.02	291.20	110.58	180.62	1.612	
10,800.00	7,047.01	10,983.52	7,233.95	116.52	116.32	-129.96	181.72	2,513.00	291.15	105.94	185.21	1.572	
10,900.00	7,049.16	11,083.52	7,235.98	119.41	119.21	-129.93	181.62	2,612.98	291.10	101.29	189.82	1.534	
11,000.00	7,051.31	11,183.52	7,238.01	122.30	122.10	-129.91	181.53	2,712.96	291.06	96.63	194.43	1.497 Level 3	
11,100.00	7,053.45	11,283.52	7,240.04	125.20	124.99	-129.89	181.44	2,812.94	291.01	91.96	199.05	1.462 Level 3	
11,200.00	7,055.60	11,383.52	7,242.07	128.10	127.89	-129.86	181.34	2,912.92	290.97	87.29	203.68	1.429 Level 3	
11,300.00	7,057.75	11,483.52	7,244.09	131.01	130.80	-129.84	181.25	3,012.90	290.92	82.61	208.31	1.397 Level 3	
11,400.00	7,059.90	11,583.52	7,246.12	133.91	133.70	-129.82	181.15	3,112.88	290.87	77.92	212.96	1.366 Level 3	
11,500.00	7,062.05	11,683.52	7,248.15	136.82	136.61	-129.80	181.06	3,212.86	290.83	73.22	217.61	1.336 Level 3	
11,600.00	7,064.20	11,783.52	7,250.18	139.73	139.52	-129.77	180.97	3,312.84	290.78	68.52	222.26	1.308 Level 3	
11,700.00	7,066.34	11,883.52	7,252.21	142.65	142.43	-129.75	180.87	3,412.81	290.74	63.81	226.93	1.281 Level 3	
11,800.00	7,068.49	11,983.52	7,254.24	145.56	145.34	-129.73	180.78	3,512.79	290.69	59.09	231.60	1.255 Level 3	
11,900.00	7,070.64	12,083.52	7,256.27	148.48	148.26	-129.70	180.69	3,612.77	290.65	54.37	236.27	1.230 Level 2	
12,000.00	7,072.79	12,183.52	7,258.29	151.40	151.18	-129.68	180.59	3,712.75	290.60	49.65	240.95	1.206 Level 2	
12,100.00	7,074.94	12,283.52	7,260.32	154.32	154.10	-129.66	180.50	3,812.73	290.56	44.91	245.64	1.183 Level 2	
12,200.00	7,077.09	12,383.52	7,262.35	157.24	157.02	-129.63	180.41	3,912.71	290.51	40.18	250.33	1.160 Level 2	
12,300.00	7,079.24	12,483.52	7,264.38	160.16	159.94	-129.61	180.31	4,012.69	290.46	35.43	255.03	1.139 Level 2	
12,400.00	7,081.38	12,583.52	7,266.41	163.09	162.86	-129.59	180.22	4,112.67	290.42	30.68	259.74	1.118 Level 2	
12,500.00	7,083.53	12,683.52	7,268.44	166.01	165.79	-129.56	180.12	4,212.65	290.37	25.93	264.44	1.098 Level 2	
12,600.00	7,085.68	12,783.52	7,270.47	168.94	168.72	-129.54	180.03	4,312.63	290.33	21.17	269.16	1.079 Level 2	
12,700.00	7,087.83	12,883.52	7,272.49	171.87	171.64	-129.52	179.94	4,412.61	290.28	16.41	273.88	1.060 Level 2	
12,800.00	7,089.98	12,983.52	7,274.52	174.80	174.57	-129.49	179.84	4,512.59	290.24	11.64	278.60	1.042 Level 2	
12,900.00	7,092.13	13,083.52	7,276.55	177.73	177.50	-129.47	179.75	4,612.57	290.19	6.87	283.33	1.024 Level 2	

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
13,000.00	7,094.27	13,183.52	7,278.58	180.66	180.43	-129.45	179.66	4,712.55	290.15	2.09	288.06	1.007	Level 2
13,100.00	7,096.42	13,283.52	7,280.61	183.60	183.37	-129.42	179.56	4,812.52	290.10	-2.69	292.79	0.991	Level 1
13,200.00	7,098.57	13,383.52	7,282.64	186.53	186.30	-129.40	179.47	4,912.50	290.06	-7.48	297.54	0.975	Level 1
13,300.00	7,100.72	13,483.52	7,284.67	189.47	189.23	-129.38	179.37	5,012.48	290.01	-12.27	302.28	0.959	Level 1
13,400.00	7,102.87	13,583.52	7,286.69	192.40	192.17	-129.35	179.28	5,112.46	289.97	-17.06	307.03	0.944	Level 1
13,500.00	7,105.02	13,683.52	7,288.72	195.34	195.11	-129.33	179.19	5,212.44	289.92	-21.86	311.78	0.930	Level 1
13,600.00	7,107.17	13,783.52	7,290.75	198.28	198.04	-129.31	179.09	5,312.42	289.88	-26.66	316.54	0.916	Level 1
13,700.00	7,109.31	13,883.52	7,292.78	201.21	200.98	-129.28	179.00	5,412.40	289.84	-31.47	321.30	0.902	Level 1
13,800.00	7,111.46	13,983.52	7,294.81	204.15	203.92	-129.26	178.91	5,512.38	289.79	-36.28	326.07	0.889	Level 1
13,900.00	7,113.61	14,083.52	7,296.84	207.09	206.86	-129.24	178.81	5,612.36	289.75	-41.09	330.84	0.876	Level 1
14,000.00	7,115.76	14,183.52	7,298.87	210.03	209.80	-129.21	178.72	5,712.34	289.70	-45.91	335.61	0.863	Level 1
14,100.00	7,117.91	14,283.52	7,300.89	212.97	212.74	-129.19	178.63	5,812.32	289.66	-50.73	340.39	0.851	Level 1
14,200.00	7,120.06	14,383.52	7,302.92	215.91	215.68	-129.17	178.53	5,912.30	289.61	-55.56	345.17	0.839	Level 1
14,300.00	7,122.20	14,483.52	7,304.95	218.86	218.62	-129.14	178.44	6,012.28	289.57	-60.38	349.95	0.827	Level 1
14,400.00	7,124.35	14,583.52	7,306.98	221.80	221.56	-129.12	178.34	6,112.26	289.52	-65.22	354.74	0.816	Level 1
14,500.00	7,126.50	14,683.52	7,309.01	224.74	224.50	-129.09	178.25	6,212.23	289.48	-70.05	359.53	0.805	Level 1
14,600.00	7,128.65	14,783.52	7,311.04	227.69	227.45	-129.07	178.16	6,312.21	289.44	-74.89	364.33	0.794	Level 1
14,700.00	7,130.80	14,883.52	7,313.07	230.63	230.39	-129.05	178.06	6,412.19	289.39	-79.74	369.13	0.784	Level 1
14,800.00	7,132.95	14,983.52	7,315.09	233.57	233.33	-129.02	177.97	6,512.17	289.35	-84.58	373.93	0.774	Level 1
14,900.00	7,135.09	15,083.51	7,317.12	236.52	236.28	-129.00	177.88	6,612.15	289.30	-89.43	378.74	0.764	Level 1
15,000.00	7,137.24	15,183.51	7,319.15	239.46	239.22	-128.98	177.78	6,712.13	289.26	-94.29	383.55	0.754	Level 1
15,100.00	7,139.39	15,283.51	7,321.18	242.41	242.17	-128.95	177.69	6,812.11	289.22	-99.14	388.36	0.745	Level 1
15,200.00	7,141.54	15,383.51	7,323.21	245.36	245.12	-128.93	177.60	6,912.09	289.17	-104.00	393.18	0.735	Level 1
15,300.00	7,143.69	15,483.51	7,325.24	248.30	248.06	-128.91	177.50	7,012.07	289.13	-108.87	397.99	0.726	Level 1
15,400.00	7,145.84	15,583.51	7,327.27	251.25	251.01	-128.88	177.41	7,112.05	289.08	-113.73	402.82	0.718	Level 1
15,500.00	7,147.99	15,683.51	7,329.30	254.20	253.96	-128.86	177.31	7,212.03	289.04	-118.60	407.64	0.709	Level 1
15,600.00	7,150.13	15,783.51	7,331.32	257.15	256.90	-128.84	177.22	7,312.01	289.00	-123.48	412.47	0.701	Level 1
15,700.00	7,152.28	15,883.51	7,333.35	260.09	259.85	-128.81	177.13	7,411.99	288.95	-128.35	417.31	0.692	Level 1
15,800.00	7,154.43	15,983.51	7,335.38	263.04	262.80	-128.79	177.03	7,511.97	288.91	-133.23	422.14	0.684	Level 1
15,900.00	7,156.58	16,083.51	7,337.41	265.99	265.75	-128.77	176.94	7,611.95	288.87	-138.12	426.98	0.677	Level 1
16,000.00	7,158.73	16,183.51	7,339.44	268.94	268.70	-128.74	176.85	7,711.92	288.82	-143.00	431.83	0.669	Level 1
16,100.00	7,160.88	16,283.51	7,341.47	271.89	271.65	-128.72	176.75	7,811.90	288.78	-147.89	436.67	0.661	Level 1
16,200.00	7,163.02	16,383.51	7,343.50	274.84	274.60	-128.69	176.66	7,911.88	288.74	-152.79	441.52	0.654	Level 1
16,300.00	7,165.17	16,483.51	7,345.52	277.79	277.55	-128.67	176.56	8,011.86	288.69	-157.68	446.37	0.647	Level 1
16,400.00	7,167.32	16,583.51	7,347.55	280.74	280.50	-128.65	176.47	8,111.84	288.65	-162.58	451.23	0.640	Level 1
16,500.00	7,169.47	16,683.51	7,349.58	283.69	283.45	-128.62	176.38	8,211.82	288.61	-167.48	456.09	0.633	Level 1
16,600.00	7,171.62	16,783.51	7,351.61	286.64	286.40	-128.60	176.28	8,311.80	288.56	-172.39	460.95	0.626	Level 1
16,700.00	7,173.77	16,883.51	7,353.64	289.59	289.35	-128.58	176.19	8,411.78	288.52	-177.30	465.81	0.619	Level 1
16,800.00	7,175.91	16,983.51	7,355.67	292.54	292.30	-128.55	176.10	8,511.76	288.48	-182.21	470.68	0.613	Level 1
16,900.00	7,178.06	17,083.51	7,357.70	295.50	295.25	-128.53	176.00	8,611.74	288.43	-187.12	475.55	0.607	Level 1
17,000.00	7,180.21	17,183.51	7,359.72	298.45	298.20	-128.51	175.91	8,711.72	288.39	-192.04	480.43	0.600	Level 1
17,100.00	7,182.36	17,283.51	7,361.75	301.40	301.15	-128.48	175.82	8,811.70	288.35	-196.96	485.30	0.594	Level 1
17,200.00	7,184.51	17,383.51	7,363.78	304.35	304.10	-128.46	175.72	8,911.68	288.30	-201.88	490.18	0.588	Level 1
17,300.00	7,186.66	17,483.51	7,365.81	307.30	307.06	-128.44	175.63	9,011.66	288.26	-206.81	495.07	0.582	Level 1
17,400.00	7,188.81	17,583.51	7,367.84	310.26	310.01	-128.41	175.53	9,111.63	288.22	-211.74	499.95	0.576	Level 1
17,455.61	7,190.00	17,639.12	7,368.97	311.90	311.65	-128.40	175.48	9,167.23	288.19	-214.48	502.67	0.573	Level 1, ES, SF

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-179.20	-20.04	-0.28	20.04		
100.00	100.00	100.00	100.00	3.28	3.28	-179.20	-20.04	-0.28	20.04	12.51	2.662
200.00	200.00	200.00	200.00	3.30	3.30	-179.20	-20.04	-0.28	20.04	12.47	2.648
254.74	254.74	254.74	254.74	3.32	3.32	-88.65	-20.04	-0.28	20.03	12.42	2.632 CC
300.00	300.00	299.96	299.96	3.34	3.34	-87.91	-20.08	-0.71	20.07	12.42	2.623
400.00	399.93	399.88	399.82	3.41	3.40	-87.97	-20.41	-4.18	20.32	12.55	2.616
500.00	499.68	499.81	499.49	3.49	3.49	-88.07	-21.08	-11.11	20.83	12.90	2.625
600.00	599.13	599.73	598.86	3.60	3.60	-88.22	-22.08	-21.50	21.60	13.44	2.647
700.00	698.15	699.64	697.80	3.75	3.74	-88.40	-23.41	-35.33	22.61	14.17	2.677
800.00	796.63	799.55	796.19	3.93	3.93	-88.61	-25.07	-52.59	23.88	15.07	2.710
900.00	894.44	899.46	893.91	4.16	4.16	-88.82	-27.06	-73.24	25.40	16.13	2.740
1,000.00	991.57	1,000.61	990.91	4.44	4.44	-88.48	-29.36	-97.13	27.17	17.34	2.764
1,100.00	1,088.60	1,100.63	1,087.76	4.75	4.76	-87.39	-31.74	-121.85	29.00	18.54	2.773
1,200.00	1,185.63	1,200.65	1,184.61	5.10	5.12	-86.43	-34.12	-146.56	30.85	19.71	2.768
1,300.00	1,282.66	1,300.67	1,281.46	5.46	5.49	-85.59	-36.50	-171.28	32.71	20.83	2.754
1,400.00	1,379.69	1,400.68	1,378.31	5.85	5.88	-84.83	-38.88	-196.00	34.57	21.93	2.735
1,500.00	1,476.72	1,500.70	1,475.16	6.25	6.29	-84.15	-41.26	-220.71	36.44	23.01	2.713
1,600.00	1,573.75	1,600.72	1,572.01	6.66	6.71	-83.54	-43.64	-245.43	38.31	24.07	2.690
1,700.00	1,670.78	1,700.74	1,668.86	7.08	7.14	-82.98	-46.02	-270.15	40.19	25.11	2.666
1,800.00	1,767.81	1,800.76	1,765.71	7.31	7.39	-82.47	-48.40	-294.86	42.07	26.91	2.776
1,900.00	1,864.84	1,900.78	1,862.55	7.38	7.46	-82.01	-50.78	-319.58	43.95	28.67	2.875
2,000.00	1,961.87	2,000.79	1,959.40	7.48	7.56	-81.59	-53.16	-344.29	45.84	30.36	2.961
2,100.00	2,058.90	2,099.19	2,056.25	7.61	7.69	-81.19	-55.54	-369.01	47.73	32.00	3.034
2,200.00	2,155.92	2,200.83	2,153.10	7.77	7.86	-80.83	-57.92	-393.73	49.62	33.57	3.093
2,300.00	2,252.95	2,300.85	2,249.95	7.96	8.06	-80.50	-60.30	-418.44	51.51	35.10	3.140
2,400.00	2,349.98	2,400.87	2,348.80	8.17	8.27	-80.19	-62.68	-443.16	53.40	36.58	3.175
2,500.00	2,447.01	2,500.89	2,443.65	8.41	8.52	-79.90	-65.06	-467.88	55.30	38.02	3.201
2,600.00	2,544.04	2,600.90	2,540.50	8.66	8.78	-79.63	-67.44	-492.59	57.19	39.42	3.217
2,700.00	2,641.07	2,700.92	2,637.35	8.94	9.07	-79.37	-69.82	-517.31	59.09	40.78	3.226
2,800.00	2,738.10	2,800.94	2,734.20	9.23	9.37	-79.14	-72.20	-542.03	60.99	42.10	3.229
2,900.00	2,835.13	2,900.96	2,831.05	9.54	9.69	-78.91	-74.58	-566.74	62.89	43.39	3.226
3,000.00	2,932.16	3,000.98	2,927.90	9.86	10.02	-78.70	-76.96	-591.46	64.79	44.66	3.219
3,100.00	3,029.19	3,101.00	3,024.75	10.20	10.37	-78.50	-79.34	-616.17	66.69	45.90	3.208
3,200.00	3,126.22	3,201.01	3,121.59	10.55	10.73	-78.32	-81.72	-640.89	68.59	47.12	3.195
3,300.00	3,223.25	3,298.97	3,218.44	10.91	11.09	-78.14	-84.10	-665.61	70.50	48.33	3.180
3,400.00	3,320.28	3,401.05	3,315.29	11.28	11.48	-77.97	-86.48	-690.32	72.40	49.50	3.162
3,500.00	3,417.31	3,501.07	3,412.14	11.66	11.87	-77.81	-88.86	-715.04	74.30	50.67	3.144
3,600.00	3,514.34	3,601.09	3,508.99	12.05	12.27	-77.66	-91.24	-739.76	76.21	51.82	3.125
3,700.00	3,611.37	3,701.11	3,605.84	12.44	12.68	-77.52	-93.62	-764.47	78.11	52.95	3.105
3,800.00	3,708.40	3,801.12	3,702.69	12.84	13.09	-77.38	-96.00	-789.19	80.02	54.08	3.085
3,900.00	3,805.43	3,901.14	3,799.54	13.25	13.50	-77.25	-98.38	-813.90	81.92	55.19	3.064
4,000.00	3,902.46	3,998.84	3,896.39	13.66	13.92	-77.13	-100.76	-838.62	83.83	56.30	3.045
4,100.00	3,999.49	4,101.18	3,993.24	14.08	14.36	-77.01	-103.14	-863.34	85.74	57.38	3.024
4,200.00	4,096.52	4,201.20	4,090.09	14.50	14.79	-76.89	-105.52	-888.05	87.64	58.47	3.004
4,300.00	4,193.55	4,301.22	4,186.94	14.92	15.23	-76.78	-107.90	-912.77	89.55	59.55	2.985
4,400.00	4,290.58	4,401.24	4,283.79	15.35	15.67	-76.68	-110.28	-937.49	91.46	60.62	2.965
4,500.00	4,387.61	4,501.25	4,380.63	15.78	16.11	-76.58	-112.66	-962.20	93.37	61.68	2.947
4,600.00	4,484.63	4,601.27	4,477.48	16.22	16.56	-76.48	-115.04	-986.92	95.27	62.74	2.928
4,700.00	4,581.66	4,701.29	4,574.33	16.66	17.01	-76.39	-117.42	-1,011.64	97.18	63.79	2.910
4,800.00	4,678.69	4,801.31	4,671.18	17.10	17.46	-76.30	-119.80	-1,036.35	99.09	64.84	2.893
4,900.00	4,775.72	4,901.33	4,768.03	17.55	17.92	-76.22	-122.18	-1,061.07	101.00	65.88	2.876
5,000.00	4,872.75	4,998.66	4,864.88	17.99	18.36	-76.13	-124.56	-1,085.78	102.91	66.93	2.860
5,100.00	4,969.78	5,101.36	4,961.73	18.44	18.84	-76.05	-126.94	-1,110.50	104.82	67.95	2.843
5,200.00	5,066.81	5,198.62	5,058.58	18.89	19.29	-75.98	-129.32	-1,135.22	106.73	69.00	2.829
5,300.00	5,163.84	5,301.40	5,155.43	19.35	19.76	-75.90	-131.70	-1,159.93	108.64	70.01	2.813
5,400.00	5,260.87	5,401.42	5,252.28	19.80	20.23	-75.83	-134.08	-1,184.65	110.55	71.04	2.798
5,500.00	5,357.90	5,501.44	5,349.13	20.26	20.70	-75.76	-136.46	-1,209.37	112.46	72.06	2.784
5,600.00	5,454.93	5,601.46	5,445.98	20.71	21.17	-75.70	-138.84	-1,234.08	114.37	73.08	2.770
5,700.00	5,551.96	5,701.47	5,542.83	21.17	21.64	-75.63	-141.22	-1,258.80	116.28	74.09	2.756
5,800.00	5,648.99	5,801.49	5,639.68	21.63	22.11	-75.57	-143.60	-1,283.51	118.19	75.11	2.743
5,900.00	5,746.02	5,901.51	5,736.52	22.09	22.58	-75.51	-145.98	-1,308.23	120.10	76.12	2.731
6,000.00	5,843.05	6,001.53	5,833.37	22.56	23.06	-75.45	-148.36	-1,332.95	122.01	77.13	2.719
6,100.00	5,940.08	6,101.55	5,930.22	23.02	23.53	-75.40	-150.74	-1,357.66	123.92	78.14	2.707
6,200.00	6,037.11	6,201.57	6,027.07	23.49	24.01	-75.34	-153.12	-1,382.38	125.83	79.14	2.695
6,300.00	6,134.14	6,301.62	6,128.00	23.95	24.31	-77.34	-155.58	-1,403.32	126.79	79.07	2.657
6,382.51	6,214.75	6,385.70	6,211.83	24.29	24.43	-82.64	-157.58	-1,408.58	126.43	77.66	2.592

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance					Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor		
6,400.00	6,231.54	6,402.67	6,228.79	24.36	24.44	-84.87	-157.98	-1,408.30	126.34	77.29	49.05	2.576			
6,500.00	6,331.02	6,500.29	6,325.73	24.51	24.51	-71.75	-160.22	-1,397.91	128.54	79.00	49.54	2.594			
6,600.00	6,430.70	6,595.12	6,417.32	24.59	24.57	73.68	-162.29	-1,373.75	133.46	84.20	49.26	2.709			
6,700.00	6,528.14	6,687.52	6,502.15	24.65	24.65	67.75	-164.15	-1,337.39	140.40	91.99	48.41	2.900			
6,800.00	6,620.94	6,777.80	6,579.11	24.74	24.82	62.11	-165.78	-1,290.36	148.52	101.26	47.26	3.143			
6,900.00	6,706.80	6,866.29	6,647.36	24.91	25.09	57.39	-167.17	-1,234.16	157.00	110.93	46.07	3.408			
7,000.00	6,783.62	6,953.28	6,706.23	25.23	25.51	53.60	-168.31	-1,170.22	165.16	120.06	45.10	3.662			
7,100.00	6,849.51	7,039.06	6,755.21	25.75	26.10	50.65	-169.19	-1,099.89	172.44	127.90	44.54	3.871			
7,200.00	6,902.84	7,123.88	6,793.94	26.52	26.88	48.46	-169.82	-1,024.50	178.43	133.87	44.55	4.005			
7,300.00	6,942.30	7,208.00	6,822.11	27.55	27.84	46.93	-170.17	-945.30	182.81	137.61	45.20	4.044			
7,400.00	6,966.92	7,291.66	6,839.55	28.83	28.96	46.01	-170.27	-863.54	185.38	138.87	46.51	3.986			
7,500.00	6,976.11	7,376.34	6,846.18	30.30	30.22	45.67	-170.10	-779.18	186.01	137.58	48.43	3.841			
7,600.00	6,978.26	7,476.34	6,848.51	31.95	31.89	45.61	-169.76	-679.21	185.55	134.73	50.82	3.651			
7,700.00	6,980.41	7,576.34	6,850.84	33.78	33.73	45.55	-169.43	-579.24	185.09	131.64	53.45	3.463			
7,800.00	6,982.56	7,676.34	6,853.16	35.76	35.72	45.49	-169.10	-479.27	184.63	128.34	56.30	3.280			
7,900.00	6,984.70	7,776.33	6,855.49	37.87	37.83	45.42	-168.77	-379.30	184.17	124.85	59.32	3.105			
8,000.00	6,986.85	7,876.33	6,857.82	40.08	40.06	45.36	-168.43	-279.33	183.71	121.21	62.51	2.939			
8,100.00	6,989.00	7,976.33	6,860.15	42.39	42.38	45.30	-168.10	-179.35	183.25	117.44	65.82	2.784			
8,200.00	6,991.15	8,076.33	6,862.48	44.78	44.77	45.24	-167.77	-79.38	182.80	113.56	69.24	2.640			
8,300.00	6,993.30	8,176.33	6,864.81	47.23	47.23	45.17	-167.43	20.59	182.34	109.59	72.75	2.506			
8,400.00	6,995.45	8,276.33	6,867.14	49.74	49.74	45.11	-167.10	120.56	181.88	105.54	76.34	2.383			
8,500.00	6,997.60	8,376.33	6,869.46	52.29	52.30	45.05	-166.77	220.53	181.42	101.43	79.99	2.268			
8,600.00	6,999.74	8,476.33	6,871.79	54.89	54.90	44.98	-166.44	320.50	180.96	97.26	83.71	2.162			
8,700.00	7,001.89	8,576.32	6,874.12	57.52	57.53	44.92	-166.10	420.47	180.51	93.04	87.46	2.064			
8,800.00	7,004.04	8,676.32	6,876.45	60.18	60.20	44.85	-165.77	520.44	180.05	88.79	91.26	1.973			
8,900.00	7,006.19	8,776.32	6,878.78	62.87	62.89	44.79	-165.44	620.41	179.59	84.50	95.10	1.889			
9,000.00	7,008.34	8,876.32	6,881.11	65.58	65.61	44.72	-165.10	720.39	179.13	80.18	98.96	1.810			
9,100.00	7,010.49	8,976.32	6,883.44	68.32	68.34	44.66	-164.77	820.36	178.68	75.83	102.84	1.737			
9,200.00	7,012.63	9,076.32	6,885.77	71.07	71.10	44.59	-164.44	920.33	178.22	71.47	106.75	1.670			
9,300.00	7,014.78	9,176.32	6,888.09	73.84	73.87	44.53	-164.11	1,020.30	177.77	67.09	110.67	1.606			
9,400.00	7,016.93	9,276.32	6,890.42	76.62	76.65	44.46	-163.77	1,120.27	177.31	62.70	114.61	1.547			
9,500.00	7,019.08	9,376.31	6,892.75	79.42	79.45	44.39	-163.44	1,220.24	176.85	58.29	118.56	1.492 Level 3			
9,600.00	7,021.23	9,476.31	6,895.08	82.22	82.26	44.32	-163.11	1,320.21	176.40	53.88	122.52	1.440 Level 3			
9,700.00	7,023.38	9,576.31	6,897.41	85.04	85.08	44.26	-162.78	1,420.18	175.94	49.45	126.49	1.391 Level 3			
9,800.00	7,025.52	9,676.31	6,899.74	87.87	87.91	44.19	-162.44	1,520.15	175.49	45.03	130.46	1.345 Level 3			
9,900.00	7,027.67	9,776.31	6,902.07	90.71	90.74	44.12	-162.11	1,620.12	175.03	40.59	134.44	1.302 Level 3			
10,000.00	7,029.82	9,876.31	6,904.40	93.55	93.59	44.05	-161.78	1,720.10	174.58	36.16	138.42	1.261 Level 3			
10,100.00	7,031.97	9,976.31	6,906.72	96.40	96.44	43.98	-161.44	1,820.07	174.13	31.72	142.41	1.223 Level 2			
10,200.00	7,034.12	10,076.31	6,909.05	99.26	99.30	43.91	-161.11	1,920.04	173.67	27.28	146.39	1.186 Level 2			
10,300.00	7,036.27	10,176.30	6,911.38	102.13	102.16	43.84	-160.78	2,020.01	173.22	22.84	150.38	1.152 Level 2			
10,400.00	7,038.42	10,276.30	6,913.71	104.99	105.03	43.77	-160.45	2,119.98	172.77	18.41	154.36	1.119 Level 2			
10,500.00	7,040.56	10,376.30	6,916.04	107.87	107.91	43.70	-160.11	2,219.95	172.31	13.97	158.34	1.088 Level 2			
10,542.77	7,041.48	10,418.29	6,917.02	109.10	109.12	43.69	-160.04	2,261.93	172.16	12.08	160.09	1.075 Level 2			
10,600.00	7,042.71	10,473.90	6,918.31	110.75	110.72	43.85	-160.71	2,317.51	172.51	9.65	162.86	1.059 Level 2			
10,700.00	7,044.86	10,573.88	6,920.64	113.63	113.61	44.26	-162.39	2,417.46	173.46	5.45	168.01	1.032 Level 2			
10,800.00	7,047.01	10,673.87	6,922.97	116.52	116.50	44.67	-164.08	2,517.41	174.42	1.22	173.20	1.007 Level 2			
10,900.00	7,049.16	10,773.86	6,925.30	119.41	119.39	45.07	-165.76	2,617.35	175.38	-3.05	178.43	0.983 Level 1			
11,000.00	7,051.31	10,873.85	6,927.63	122.30	122.29	45.47	-167.45	2,717.30	176.36	-7.35	183.70	0.960 Level 1			
11,100.00	7,053.45	10,973.84	6,929.95	125.20	125.19	45.86	-169.13	2,817.25	177.34	-11.67	189.01	0.938 Level 1			
11,200.00	7,055.60	11,073.82	6,932.28	128.10	128.10	46.25	-170.81	2,917.19	178.33	-16.03	194.36	0.918 Level 1			
11,300.00	7,057.75	11,173.81	6,934.61	131.01	131.01	46.64	-172.50	3,017.14	179.33	-20.41	199.74	0.898 Level 1			
11,400.00	7,059.90	11,273.80	6,936.94	133.91	133.92	47.02	-174.18	3,117.09	180.34	-24.82	205.16	0.879 Level 1			
11,500.00	7,062.05	11,373.79	6,939.27	136.82	136.83	47.39	-175.87	3,217.03	181.36	-29.25	210.61	0.861 Level 1			
11,600.00	7,064.20	11,473.78	6,941.60	139.73	139.74	47.76	-177.55	3,316.98	182.38	-33.71	216.09	0.844 Level 1			
11,700.00	7,066.34	11,573.76	6,943.92	142.65	142.66	48.13	-179.24	3,416.93	183.41	-38.19	221.60	0.828 Level 1			
11,800.00	7,068.49	11,673.75	6,946.25	145.56	145.58	48.49	-180.92	3,516.87	184.45	-42.69	227.14	0.812 Level 1			
11,900.00	7,070.64	11,773.74	6,948.58	148.48	148.50	48.85	-182.61	3,616.82	185.49	-47.21	232.70	0.797 Level 1			
12,000.00	7,072.79	11,873.73	6,950.91	151.40	151.42	49.21	-184.29	3,716.77	186.55	-51.75	238.30	0.783 Level 1			
12,100.00	7,074.94	11,973.71	6,953.24	154.32	154.35	49.56	-185.98	3,816.71	187.61	-56.31	243.92	0.769 Level 1			
12,200.00	7,077.09	12,073.70	6,955.57	157.24	157.27	49.91	-187.66	3,916.66	188.67	-60.89	249.57	0.756 Level 1			
12,300.00	7,079.24	12,173.69	6,957.89	160.16	160.20	50.25	-189.35	4,016.61	189.75	-65.49	255.24	0.743 Level 1			
12,400.00	7,081.38	12,273.68	6,960.22	163.09	163.13	50.59	-191.03	4,116.55	190.83	-70.11	260.93	0.731 Level 1			
12,500.00	7,083.53	12,373.67	6,962.55	166.01	166.06	50.92	-192.71	4,216.50	191.91	-74.73	266.65	0.720 Level 1			
12,600.00	7,085.68	12,473.65	6,964.88	168.94	168.99	51.26	-194.40	4,316.44	193.01	-79.38	272.39	0.709 Level 1			
12,700.00	7,087.83	12,573.64	6,967.21	171.87	171.92	51.58	-196.08	4,416.39	194.11	-84.04	278.15	0.698 Level 1			
12,800.00	7,089.98	12,673.63	6,969.54	174.80	174.86	51.91	-197.77	4,516.34	195.21	-88.71	283.92	0.688 Level 1			

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8A-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,900.00	7,092.13	12,773.62	6,971.86	177.73	177.79	52.23	-199.45	4,616.28	196.32	-93.40	289.72	0.678	Level 1
13,000.00	7,094.27	12,873.60	6,974.19	180.66	180.73	52.55	-201.14	4,716.23	197.44	-98.10	295.54	0.668	Level 1
13,100.00	7,096.42	12,973.59	6,976.52	183.60	183.67	52.86	-202.82	4,816.18	198.57	-102.81	301.37	0.659	Level 1
13,200.00	7,098.57	13,073.58	6,978.85	186.53	186.60	53.17	-204.51	4,916.12	199.70	-107.53	307.23	0.650	Level 1
13,300.00	7,100.72	13,173.57	6,981.18	189.47	189.54	53.48	-206.19	5,016.07	200.83	-112.26	313.10	0.641	Level 1
13,400.00	7,102.87	13,273.56	6,983.50	192.40	192.48	53.78	-207.88	5,116.02	201.98	-117.00	318.98	0.633	Level 1
13,500.00	7,105.02	13,373.54	6,985.83	195.34	195.42	54.08	-209.56	5,215.96	203.12	-121.76	324.88	0.625	Level 1
13,600.00	7,107.17	13,473.53	6,988.16	198.28	198.36	54.37	-211.25	5,315.91	204.28	-126.52	330.79	0.618	Level 1
13,700.00	7,109.31	13,573.52	6,990.49	201.21	201.31	54.67	-212.93	5,415.86	205.43	-131.29	336.72	0.610	Level 1
13,800.00	7,111.46	13,673.51	6,992.82	204.15	204.25	54.96	-214.61	5,515.80	206.60	-136.07	342.67	0.603	Level 1
13,900.00	7,113.61	13,773.49	6,995.15	207.09	207.19	55.24	-216.30	5,615.75	207.77	-140.86	348.62	0.596	Level 1
14,000.00	7,115.76	13,873.48	6,997.47	210.03	210.14	55.53	-217.98	5,715.70	208.94	-145.65	354.59	0.589	Level 1
14,100.00	7,117.91	13,973.47	6,999.80	212.97	213.08	55.81	-219.67	5,815.64	210.12	-150.45	360.57	0.583	Level 1
14,200.00	7,120.06	14,073.46	7,002.13	215.91	216.03	56.08	-221.35	5,915.59	211.30	-155.26	366.56	0.576	Level 1
14,300.00	7,122.20	14,173.45	7,004.46	218.86	218.97	56.36	-223.04	6,015.54	212.49	-160.07	372.56	0.570	Level 1
14,400.00	7,124.35	14,273.43	7,006.79	221.80	221.92	56.63	-224.72	6,115.48	213.68	-164.89	378.57	0.564	Level 1
14,500.00	7,126.50	14,373.42	7,009.12	224.74	224.87	56.89	-226.41	6,215.43	214.88	-169.72	384.60	0.559	Level 1
14,600.00	7,128.65	14,473.41	7,011.44	227.69	227.81	57.16	-228.09	6,315.37	216.09	-174.55	390.63	0.553	Level 1
14,700.00	7,130.80	14,573.40	7,013.77	230.63	230.76	57.42	-229.78	6,415.32	217.29	-179.38	396.67	0.548	Level 1
14,800.00	7,132.95	14,673.39	7,016.10	233.57	233.71	57.68	-231.46	6,515.27	218.50	-184.22	402.72	0.543	Level 1
14,900.00	7,135.09	14,773.37	7,018.43	236.52	236.66	57.94	-233.15	6,615.21	219.72	-189.06	408.78	0.537	Level 1
15,000.00	7,137.24	14,873.36	7,020.76	239.46	239.61	58.19	-234.83	6,715.16	220.94	-193.91	414.85	0.533	Level 1
15,100.00	7,139.39	14,973.35	7,023.09	242.41	242.56	58.44	-236.51	6,815.11	222.17	-198.76	420.93	0.528	Level 1
15,200.00	7,141.54	15,073.34	7,025.41	245.36	245.51	58.69	-238.20	6,915.05	223.40	-203.61	427.01	0.523	Level 1
15,300.00	7,143.69	15,173.32	7,027.74	248.30	248.46	58.93	-239.88	7,015.00	224.63	-208.47	433.10	0.519	Level 1
15,400.00	7,145.84	15,273.31	7,030.07	251.25	251.41	59.17	-241.57	7,114.95	225.87	-213.33	439.20	0.514	Level 1
15,500.00	7,147.99	15,373.30	7,032.40	254.20	254.36	59.41	-243.25	7,214.89	227.11	-218.19	445.30	0.510	Level 1
15,600.00	7,150.13	15,473.29	7,034.73	257.15	257.31	59.65	-244.94	7,314.84	228.35	-223.06	451.41	0.506	Level 1
15,700.00	7,152.28	15,573.28	7,037.06	260.09	260.27	59.88	-246.62	7,414.79	229.60	-227.93	457.53	0.502	Level 1
15,800.00	7,154.43	15,673.26	7,039.38	263.04	263.22	60.12	-248.31	7,514.73	230.85	-232.79	463.65	0.498	Level 1
15,900.00	7,156.58	15,773.25	7,041.71	265.99	266.17	60.35	-249.99	7,614.68	232.11	-237.66	469.78	0.494	Level 1
16,000.00	7,158.73	15,873.24	7,044.04	268.94	269.12	60.57	-251.68	7,714.63	233.37	-242.54	475.91	0.490	Level 1
16,100.00	7,160.88	15,973.23	7,046.37	271.89	272.08	60.80	-253.36	7,814.57	234.63	-247.41	482.04	0.487	Level 1
16,200.00	7,163.02	16,073.21	7,048.70	274.84	275.03	61.02	-255.05	7,914.52	235.90	-252.28	488.19	0.483	Level 1
16,300.00	7,165.17	16,173.20	7,051.03	277.79	277.98	61.24	-256.73	8,014.47	237.17	-257.16	494.33	0.480	Level 1
16,400.00	7,167.32	16,273.19	7,053.35	280.74	280.94	61.46	-258.41	8,114.41	238.45	-262.04	500.48	0.476	Level 1
16,500.00	7,169.47	16,373.18	7,055.68	283.69	283.89	61.67	-260.10	8,214.36	239.73	-266.91	506.64	0.473	Level 1
16,600.00	7,171.62	16,473.17	7,058.01	286.64	286.85	61.88	-261.78	8,314.30	241.01	-271.79	512.80	0.470	Level 1
16,700.00	7,173.77	16,573.15	7,060.34	289.59	289.80	62.09	-263.47	8,414.25	242.29	-276.67	518.96	0.467	Level 1
16,800.00	7,175.91	16,673.14	7,062.67	292.54	292.76	62.30	-265.15	8,514.20	243.58	-281.54	525.12	0.464	Level 1
16,900.00	7,178.06	16,773.13	7,065.00	295.50	295.71	62.51	-266.84	8,614.14	244.87	-286.42	531.29	0.461	Level 1
17,000.00	7,180.21	16,873.12	7,067.32	298.45	298.67	62.71	-268.52	8,714.09	246.16	-291.30	537.46	0.458	Level 1
17,100.00	7,182.36	16,973.10	7,069.65	301.40	301.62	62.91	-270.21	8,814.04	247.46	-296.18	543.64	0.455	Level 1
17,200.00	7,184.51	17,073.09	7,071.98	304.35	304.58	63.11	-271.89	8,913.98	248.76	-301.05	549.81	0.452	Level 1
17,300.00	7,186.66	17,173.08	7,074.31	307.30	307.54	63.31	-273.58	9,013.93	250.06	-305.93	555.99	0.450	Level 1
17,400.00	7,188.81	17,273.07	7,076.64	310.26	310.49	63.51	-275.26	9,113.88	251.37	-310.81	562.18	0.447	Level 1
17,455.61	7,190.00	17,328.67	7,077.93	311.90	312.14	63.61	-276.20	9,169.45	252.10	-313.52	565.61	0.446	Level 1, ES, SF

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	
0.00	0.00	0.00	0.00	3.28	3.28	0.40	39.71	0.28	39.71					
100.00	100.00	100.00	100.00	3.28	3.28	0.40	39.71	0.28	39.71	32.18	7.53	5.275		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	39.71	0.28	39.71	32.14	7.57	5.247		
200.00	200.00	200.00	200.00	3.30	3.30	0.40	39.71	0.28	39.71	32.14	7.57	5.247	CC	
300.00	300.00	299.83	299.83	3.34	3.34	91.72	39.81	-0.14	39.83	32.17	7.65	5.204		
400.00	399.93	399.50	399.43	3.41	3.41	91.85	40.67	-3.50	40.76	32.99	7.77	5.244		
500.00	499.68	499.14	498.83	3.49	3.49	92.11	42.36	-10.22	42.63	34.68	7.94	5.367		
600.00	599.13	598.76	597.89	3.60	3.61	92.44	44.91	-20.28	45.42	37.26	8.16	5.563		
700.00	698.15	698.32	696.50	3.75	3.75	92.83	48.30	-33.66	49.15	40.70	8.45	5.816		
800.00	796.63	797.84	794.50	3.93	3.93	93.22	52.52	-50.35	53.80	44.99	8.81	6.105		
900.00	894.44	897.28	891.79	4.16	4.15	93.61	57.57	-70.31	59.38	50.11	9.26	6.409		
1,000.00	991.57	1,003.21	988.40	4.44	4.44	93.80	63.41	-93.38	65.80	55.97	9.83	6.691		
1,100.00	1,088.60	1,103.43	1,085.09	4.75	4.76	93.73	69.45	-117.28	72.41	61.95	10.46	6.920		
1,200.00	1,185.63	1,203.65	1,181.78	5.10	5.11	93.67	75.50	-141.17	79.02	67.87	11.15	7.088		
1,300.00	1,282.66	1,303.87	1,278.47	5.46	5.48	93.62	81.55	-165.06	85.63	73.75	11.88	7.209		
1,400.00	1,379.69	1,404.09	1,375.16	5.85	5.86	93.57	87.59	-188.96	92.24	79.59	12.64	7.295		
1,500.00	1,476.72	1,495.69	1,471.85	6.25	6.23	93.54	93.64	-212.85	98.85	85.44	13.41	7.374		
1,600.00	1,573.75	1,604.53	1,568.54	6.66	6.68	93.50	99.68	-236.74	105.46	91.20	14.26	7.395		
1,700.00	1,670.78	1,704.74	1,665.23	7.08	7.09	93.48	105.73	-260.63	112.07	96.97	15.09	7.426		
1,800.00	1,767.81	1,804.96	1,761.92	7.31	7.32	93.45	111.78	-284.53	118.68	103.50	15.18	7.820		
1,900.00	1,864.84	1,905.18	1,858.61	7.38	7.40	93.43	117.82	-308.42	125.29	109.97	15.31	8.181		
2,000.00	1,961.87	2,005.40	1,955.30	7.48	7.50	93.41	123.87	-332.31	131.90	116.38	15.52	8.500		
2,100.00	2,058.90	2,105.62	2,051.99	7.61	7.64	93.39	129.91	-356.21	138.51	122.72	15.78	8.777		
2,200.00	2,155.92	2,205.84	2,148.68	7.77	7.80	93.37	135.96	-380.10	145.12	129.01	16.10	9.013		
2,300.00	2,252.95	2,306.06	2,245.37	7.96	7.99	93.36	142.00	-403.99	151.72	135.25	16.48	9.209		
2,400.00	2,349.98	2,406.27	2,342.06	8.17	8.21	93.34	148.05	-427.88	158.33	141.43	16.90	9.369		
2,500.00	2,447.01	2,506.49	2,438.75	8.41	8.45	93.33	154.10	-451.78	164.94	147.57	17.37	9.496		
2,600.00	2,544.04	2,606.71	2,535.44	8.66	8.71	93.32	160.14	-475.67	171.55	153.67	17.88	9.593		
2,700.00	2,641.07	2,706.93	2,632.13	8.94	8.99	93.31	166.19	-499.56	178.16	159.73	18.44	9.664		
2,800.00	2,738.10	2,792.85	2,728.82	9.23	9.24	93.30	172.23	-523.46	184.77	165.79	18.98	9.735		
2,900.00	2,835.13	2,907.37	2,825.51	9.54	9.60	93.29	178.28	-547.35	191.38	171.74	19.64	9.743		
3,000.00	2,932.16	3,007.59	2,922.20	9.86	9.93	93.28	184.33	-571.24	197.99	177.70	20.29	9.757		
3,100.00	3,029.19	3,107.81	3,018.88	10.20	10.27	93.27	190.37	-595.13	204.60	183.64	20.97	9.759		
3,200.00	3,126.22	3,208.02	3,115.57	10.55	10.63	93.26	196.42	-619.03	211.21	189.55	21.67	9.749		
3,300.00	3,223.25	3,308.24	3,212.26	10.91	10.99	93.25	202.46	-642.92	217.82	195.44	22.39	9.731		
3,400.00	3,320.28	3,408.46	3,308.95	11.28	11.37	93.25	208.51	-666.81	224.43	201.31	23.12	9.705		
3,500.00	3,417.31	3,508.68	3,405.64	11.66	11.75	93.24	214.55	-690.71	231.04	207.16	23.88	9.674		
3,600.00	3,514.34	3,591.10	3,502.33	12.05	12.07	93.23	220.60	-714.60	237.65	213.07	24.59	9.666		
3,700.00	3,611.37	3,709.12	3,599.02	12.44	12.54	93.23	226.65	-738.49	244.26	218.82	25.44	9.600		
3,800.00	3,708.40	3,809.34	3,695.71	12.84	12.95	93.22	232.69	-762.38	250.87	224.63	26.24	9.559		
3,900.00	3,805.43	3,909.56	3,792.40	13.25	13.36	93.22	238.74	-786.28	257.48	230.43	27.06	9.517		
4,000.00	3,902.46	4,009.77	3,889.09	13.66	13.77	93.21	244.78	-810.17	264.09	236.21	27.88	9.473		
4,100.00	3,999.49	4,109.99	3,985.78	14.08	14.19	93.21	250.83	-834.06	270.70	241.99	28.71	9.428		
4,200.00	4,096.52	4,189.79	4,082.47	14.50	14.53	93.20	256.87	-857.96	277.31	247.84	29.47	9.410		
4,300.00	4,193.55	4,289.57	4,179.16	14.92	14.96	93.20	262.92	-881.85	283.92	253.61	30.32	9.365		
4,400.00	4,290.58	4,389.35	4,275.85	15.35	15.39	93.19	268.97	-905.74	290.53	259.36	31.17	9.320		
4,500.00	4,387.61	4,489.13	4,372.54	15.78	15.83	93.19	275.01	-929.63	297.14	265.11	32.04	9.275		
4,600.00	4,484.63	4,588.91	4,469.23	16.22	16.27	93.19	281.06	-953.53	303.75	270.85	32.90	9.231		
4,700.00	4,581.66	4,688.70	4,565.92	16.66	16.71	93.18	287.10	-977.42	310.36	276.58	33.78	9.188		
4,800.00	4,678.69	4,788.48	4,662.61	17.10	17.15	93.18	293.15	-1,001.31	316.97	282.31	34.66	9.145		
4,900.00	4,775.72	4,888.26	4,759.30	17.55	17.60	93.18	299.20	-1,025.20	323.58	288.04	35.55	9.103		
5,000.00	4,872.75	4,988.04	4,855.99	17.99	18.04	93.17	305.24	-1,049.10	330.19	293.76	36.44	9.062		
5,100.00	4,969.78	5,087.82	4,952.68	18.44	18.50	93.17	311.29	-1,072.99	336.80	299.47	37.33	9.022		
5,200.00	5,066.81	5,187.60	5,049.37	18.89	18.95	93.17	317.33	-1,096.88	343.41	305.18	38.23	8.983		
5,300.00	5,163.84	5,287.38	5,146.06	19.35	19.40	93.16	323.38	-1,120.78	350.02	310.89	39.13	8.945		
5,400.00	5,260.87	5,387.16	5,242.75	19.80	19.86	93.16	329.42	-1,144.67	356.63	316.59	40.04	8.907		
5,500.00	5,357.90	5,486.95	5,339.44	20.26	20.32	93.16	335.47	-1,168.56	363.24	322.29	40.95	8.871		
5,600.00	5,454.93	5,586.73	5,436.13	20.71	20.78	93.16	341.52	-1,192.45	369.85	327.99	41.86	8.836		
5,700.00	5,551.96	5,686.51	5,532.82	21.17	21.24	93.15	347.56	-1,216.35	376.46	333.69	42.77	8.801		
5,800.00	5,648.99	5,786.29	5,629.51	21.63	21.70	93.15	353.61	-1,240.24	383.07	339.38	43.69	8.767		
5,900.00	5,746.02	5,886.07	5,726.20	22.09	22.16	93.15	359.65	-1,264.13	389.68	345.07	44.61	8.735		
6,000.00	5,843.05	5,985.85	5,822.88	22.56	22.63	93.15	365.70	-1,288.03	396.29	350.76	45.54	8.703		
6,100.00	5,940.08	6,085.63	5,919.57	23.02	23.09	93.15	371.75	-1,311.92	402.90	356.44	46.46	8.672		
6,200.00	6,037.11	6,185.41	6,016.26	23.49	23.56	93.14	377.79	-1,335.81	409.51	362.12	47.39	8.642		
6,300.00	6,134.14	6,285.20	6,112.95	23.95	24.03	93.14	383.84	-1,359.70	416.12	367.80	48.32	8.612		
6,400.00	6,231.54	6,384.94	6,209.61	24.36	24.50	93.78	389.88	-1,383.59	422.68	373.50	49.18	8.594		

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	6,331.02	6,484.15	6,306.09	24.51	24.87	114.54	395.86	-1,405.79	429.04	379.37	49.68	8.637			
6,600.00	6,430.70	6,585.39	6,406.63	24.59	25.04	-93.37	401.65	-1,415.04	435.49	385.62	49.87	8.732			
6,700.00	6,528.14	6,689.35	6,510.08	24.65	25.14	-93.61	407.08	-1,407.84	441.84	391.88	49.96	8.845			
6,800.00	6,620.94	6,796.14	6,613.70	24.74	25.21	-94.63	411.96	-1,383.01	447.86	397.82	50.03	8.951			
6,900.00	6,706.80	6,905.77	6,714.27	24.91	25.32	-95.74	416.10	-1,339.89	453.28	403.06	50.22	9.026			
7,000.00	6,783.62	7,018.12	6,808.13	25.23	25.55	-96.78	419.28	-1,278.50	457.83	407.17	50.67	9.036			
7,100.00	6,849.51	7,132.90	6,891.40	25.75	25.99	-97.70	421.34	-1,199.76	461.24	409.71	51.53	8.951			
7,200.00	6,902.84	7,249.67	6,960.28	26.52	26.73	-98.45	422.12	-1,105.67	463.28	410.32	52.96	8.748			
7,300.00	6,942.30	7,367.83	7,011.36	27.55	27.85	-98.98	421.54	-999.31	463.76	408.69	55.07	8.421			
7,400.00	6,966.92	7,486.67	7,042.08	28.83	29.33	-99.29	419.59	-884.71	462.60	404.78	57.82	8.000			
7,500.00	6,976.11	7,601.56	7,051.43	30.30	31.01	-99.40	416.47	-770.37	459.88	398.89	60.99	7.540			
7,600.00	6,978.26	7,701.52	7,053.53	31.95	32.67	-99.45	413.42	-670.49	457.00	392.73	64.26	7.111			
7,700.00	6,980.41	7,801.47	7,055.63	33.78	34.51	-99.51	410.37	-570.60	454.11	386.23	67.88	6.690			
7,800.00	6,982.56	7,901.43	7,057.74	35.76	36.50	-99.56	407.31	-470.71	451.22	379.42	71.80	6.285			
7,900.00	6,984.70	8,001.39	7,059.84	37.87	38.62	-99.62	404.26	-370.82	448.33	372.37	75.96	5.902			
8,000.00	6,986.85	8,101.35	7,061.94	40.08	40.85	-99.67	401.21	-270.93	445.45	365.11	80.33	5.545			
8,100.00	6,989.00	8,201.30	7,064.04	42.39	43.16	-99.73	398.16	-171.04	442.56	357.68	84.88	5.214			
8,200.00	6,991.15	8,301.26	7,066.14	44.78	45.55	-99.79	395.10	-71.15	439.68	350.09	89.58	4.908			
8,300.00	6,993.30	8,401.22	7,068.24	47.23	48.01	-99.85	392.05	28.73	436.79	342.38	94.41	4.627			
8,400.00	6,995.45	8,501.17	7,070.35	49.74	50.52	-99.91	389.00	128.62	433.91	334.56	99.34	4.368			
8,500.00	6,997.60	8,601.13	7,072.45	52.29	53.08	-99.97	385.94	228.51	431.02	326.66	104.37	4.130			
8,600.00	6,999.74	8,701.09	7,074.55	54.89	55.68	-100.03	382.89	328.40	428.14	318.67	109.47	3.911			
8,700.00	7,001.89	8,801.05	7,076.65	57.52	58.32	-100.10	379.84	428.29	425.25	310.62	114.64	3.710			
8,800.00	7,004.04	8,901.00	7,078.75	60.18	60.98	-100.16	376.78	528.18	422.37	302.51	119.87	3.524			
8,900.00	7,006.19	9,000.96	7,080.85	62.87	63.67	-100.22	373.73	628.07	419.49	294.34	125.15	3.352			
9,000.00	7,008.34	9,100.92	7,082.96	65.58	66.39	-100.29	370.68	727.95	416.61	286.14	130.47	3.193			
9,100.00	7,010.49	9,200.88	7,085.06	68.32	69.13	-100.35	367.63	827.84	413.73	277.90	135.83	3.046			
9,200.00	7,012.63	9,300.83	7,087.16	71.07	71.89	-100.42	364.57	927.73	410.85	269.62	141.22	2.909			
9,300.00	7,014.78	9,400.79	7,089.26	73.84	74.66	-100.49	361.52	1,027.62	407.97	261.32	146.65	2.782			
9,400.00	7,016.93	9,500.75	7,091.36	76.62	77.45	-100.56	358.47	1,127.51	405.09	252.99	152.10	2.663			
9,500.00	7,019.08	9,600.71	7,093.46	79.42	80.25	-100.63	355.41	1,227.40	402.21	244.64	157.57	2.553			
9,600.00	7,021.23	9,700.66	7,095.57	82.22	83.06	-100.70	352.36	1,327.29	399.33	236.27	163.06	2.449			
9,700.00	7,023.38	9,800.62	7,097.67	85.04	85.88	-100.77	349.31	1,427.17	396.45	227.88	168.58	2.352			
9,800.00	7,025.52	9,900.58	7,099.77	87.87	88.71	-100.84	346.25	1,527.06	393.58	219.47	174.10	2.261			
9,900.00	7,027.67	10,000.53	7,101.87	90.71	91.55	-100.92	343.20	1,626.95	390.70	211.06	179.64	2.175			
10,000.00	7,029.82	10,100.49	7,103.97	93.55	94.40	-100.99	340.15	1,726.84	387.82	202.63	185.19	2.094			
10,100.00	7,031.97	10,200.45	7,106.07	96.40	97.26	-101.07	337.10	1,826.73	384.95	194.19	190.76	2.018			
10,200.00	7,034.12	10,300.41	7,108.18	99.26	100.12	-101.15	334.04	1,926.62	382.07	185.75	196.33	1.946			
10,300.00	7,036.27	10,400.36	7,110.28	102.13	102.99	-101.23	330.99	2,026.51	379.20	177.29	201.91	1.878			
10,400.00	7,038.42	10,500.32	7,112.38	104.99	105.86	-101.31	327.94	2,126.39	376.33	168.83	207.49	1.814			
10,500.00	7,040.56	10,600.28	7,114.48	107.87	108.74	-101.39	324.88	2,226.28	373.46	160.37	213.09	1.753			
10,600.00	7,042.71	10,700.24	7,116.58	110.75	111.63	-101.47	321.83	2,326.17	370.59	151.90	218.68	1.695			
10,700.00	7,044.86	10,800.19	7,118.68	113.63	114.52	-101.55	318.78	2,426.06	367.71	143.43	224.29	1.639			
10,800.00	7,047.01	10,900.15	7,120.79	116.52	117.41	-101.64	315.73	2,525.95	364.84	134.95	229.89	1.587			
10,900.00	7,049.16	11,000.11	7,122.89	119.41	120.31	-101.72	312.67	2,625.84	361.98	126.48	235.50	1.537			
11,000.00	7,051.31	11,100.07	7,124.99	122.30	123.21	-101.81	309.62	2,725.73	359.11	118.00	241.11	1.489 Level 3			
11,100.00	7,053.45	11,200.02	7,127.09	125.20	126.11	-101.90	306.57	2,825.62	356.24	109.52	246.72	1.444 Level 3			
11,200.00	7,055.60	11,300.02	7,129.19	128.10	129.02	-101.99	303.51	2,925.50	353.37	101.04	252.33	1.400 Level 3			
11,300.00	7,057.75	11,400.06	7,131.29	131.01	131.93	-102.08	300.46	3,025.39	350.51	92.56	257.95	1.359 Level 3			
11,400.00	7,059.90	11,500.11	7,133.40	133.91	134.84	-102.18	297.41	3,125.28	347.64	84.08	263.56	1.319 Level 3			
11,500.00	7,062.05	11,600.15	7,135.50	136.82	137.76	-102.27	294.35	3,225.17	344.78	75.61	269.17	1.281 Level 3			
11,600.00	7,064.20	11,700.19	7,137.60	139.73	140.68	-102.37	291.30	3,325.06	341.92	67.13	274.78	1.244 Level 2			
11,700.00	7,066.34	11,799.77	7,139.70	142.65	143.58	-102.47	288.25	3,424.95	339.06	58.68	280.38	1.209 Level 2			
11,800.00	7,068.49	11,900.28	7,141.80	145.56	146.52	-102.57	285.20	3,524.84	336.20	50.20	286.00	1.176 Level 2			
11,900.00	7,070.64	12,000.32	7,143.90	148.48	149.45	-102.67	282.14	3,624.72	333.34	41.73	291.60	1.143 Level 2			
12,000.00	7,072.79	12,099.64	7,146.01	151.40	152.35	-102.77	279.09	3,724.61	330.48	33.29	297.18	1.112 Level 2			
12,100.00	7,074.94	12,200.40	7,148.11	154.32	155.30	-102.88	276.04	3,824.50	327.62	24.82	302.80	1.082 Level 2			
12,200.00	7,077.09	12,300.45	7,150.21	157.24	158.23	-102.98	272.98	3,924.39	324.76	16.37	308.39	1.053 Level 2			
12,300.00	7,079.24	12,400.49	7,152.31	160.16	161.16	-103.09	269.93	4,024.28	321.91	7.93	313.98	1.025 Level 2			
12,400.00	7,081.38	12,500.53	7,154.41	163.09	164.10	-103.20	266.88	4,124.17	319.05	-0.51	319.56	0.998 Level 1			
12,500.00	7,083.53	12,600.57	7,156.51	166.01	167.03	-103.32	263.82	4,224.06	316.20	-8.94	325.14	0.973 Level 1			
12,600.00	7,085.68	12,700.62	7,158.62	168.94	169.97	-103.43	260.77	4,323.94	313.35	-17.36	330.71	0.947 Level 1			
12,700.00	7,087.83	12,800.66	7,160.72	171.87	172.90	-103.55	257.72	4,423.83	310.50	-25.78	336.28	0.923 Level 1			
12,800.00	7,089.98	12,900.70	7,162.82	174.80	175.84	-103.67	254.67	4,523.72	307.65	-34.18	341.83	0.900 Level 1			
12,900.00	7,092.13	12,999.26	7,164.92	177.73	178.74	-103.79	251.61	4,623.61	304.80	-42.54	347.34	0.878 Level 1			
13,000.00	7,094.27	13,100.79	7,167.02	180.66	181.72	-103.91	248.56	4,723.50	301.96	-50.97	352.93	0.856 Level 1			

Offset Design												5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8C-L - Wellbore #1 - Design #1		Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis			Distance								
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	7,096.42	13,200.83	7,169.12	183.60	184.66	-104.04	245.51	4,823.39	299.11	-59.35	358.46	0.834	Level 1		
13,200.00	7,098.57	13,299.13	7,171.23	186.53	187.55	-104.17	242.45	4,923.28	296.27	-67.67	363.94	0.814	Level 1		
13,300.00	7,100.72	13,400.92	7,173.33	189.47	190.55	-104.30	239.40	5,023.16	293.43	-76.07	369.50	0.794	Level 1		
13,400.00	7,102.87	13,500.96	7,175.43	192.40	193.49	-104.43	236.35	5,123.05	290.59	-84.42	375.01	0.775	Level 1		
13,500.00	7,105.02	13,601.00	7,177.53	195.34	196.44	-104.57	233.29	5,222.94	287.75	-92.75	380.50	0.756	Level 1		
13,600.00	7,107.17	13,701.04	7,179.63	198.28	199.38	-104.71	230.24	5,322.83	284.91	-101.07	385.98	0.738	Level 1		
13,700.00	7,109.31	13,791.72	7,181.59	201.21	202.05	-104.79	228.40	5,415.56	283.13	-108.13	391.25	0.724	Level 1		
13,709.50	7,109.52	13,800.39	7,181.77	201.49	202.30	-104.79	228.37	5,424.22	283.11	-108.64	391.75	0.723	Level 1		
13,800.00	7,111.46	13,882.98	7,183.51	204.15	204.71	-104.72	229.46	5,506.78	284.37	-112.06	396.43	0.717	Level 1, SF		
13,900.00	7,113.61	13,977.51	7,185.51	207.09	207.45	-104.51	233.37	5,601.20	288.47	-113.42	401.89	0.718	Level 1		
14,000.00	7,115.76	14,077.39	7,187.62	210.03	210.36	-104.27	238.07	5,700.95	293.15	-114.83	407.98	0.719	Level 1		
14,100.00	7,117.91	14,177.27	7,189.73	212.97	213.27	-104.03	242.76	5,800.70	297.83	-116.23	414.06	0.719	Level 1		
14,200.00	7,120.06	14,277.16	7,191.84	215.91	216.19	-103.81	247.46	5,900.45	302.52	-117.61	420.14	0.720	Level 1		
14,300.00	7,122.20	14,377.04	7,193.96	218.86	219.10	-103.58	252.16	6,000.20	307.22	-118.99	426.21	0.721	Level 1		
14,400.00	7,124.35	14,476.92	7,196.07	221.80	222.01	-103.37	256.86	6,099.95	311.91	-120.36	432.27	0.722	Level 1		
14,500.00	7,126.50	14,576.80	7,198.18	224.74	224.93	-103.16	261.56	6,199.70	316.62	-121.71	438.33	0.722	Level 1		
14,600.00	7,128.65	14,676.69	7,200.29	227.69	227.84	-102.96	266.26	6,299.45	321.32	-123.06	444.38	0.723	Level 1		
14,700.00	7,130.80	14,776.57	7,202.40	230.63	230.76	-102.76	270.95	6,399.20	326.03	-124.40	450.43	0.724	Level 1		
14,800.00	7,132.95	14,876.45	7,204.51	233.57	233.68	-102.57	275.65	6,498.95	330.74	-125.73	456.48	0.725	Level 1		
14,900.00	7,135.09	14,976.34	7,206.62	236.52	236.59	-102.39	280.35	6,598.70	335.46	-127.05	462.51	0.725	Level 1		
15,000.00	7,137.24	15,076.22	7,208.74	239.46	239.51	-102.21	285.05	6,698.45	340.18	-128.37	468.55	0.726	Level 1		
15,100.00	7,139.39	15,176.10	7,210.85	242.41	242.43	-102.03	289.75	6,798.20	344.91	-129.67	474.58	0.727	Level 1		
15,200.00	7,141.54	15,275.98	7,212.96	245.36	245.35	-101.86	294.45	6,897.95	349.63	-130.98	480.61	0.727	Level 1		
15,300.00	7,143.69	15,375.87	7,215.07	248.30	248.27	-101.70	299.15	6,997.70	354.36	-132.27	486.63	0.728	Level 1		
15,400.00	7,145.84	15,475.75	7,217.18	251.25	251.19	-101.54	303.84	7,097.45	359.09	-133.56	492.65	0.729	Level 1		
15,500.00	7,147.99	15,575.63	7,219.29	254.20	254.11	-101.38	308.54	7,197.20	363.83	-134.84	498.67	0.730	Level 1		
15,600.00	7,150.13	15,675.52	7,221.41	257.15	257.03	-101.22	313.24	7,296.95	368.57	-136.11	504.68	0.730	Level 1		
15,700.00	7,152.28	15,775.40	7,223.52	260.09	259.95	-101.08	317.94	7,396.70	373.31	-137.38	510.69	0.731	Level 1		
15,800.00	7,154.43	15,875.28	7,225.63	263.04	262.88	-100.93	322.64	7,496.45	378.05	-138.64	516.69	0.732	Level 1		
15,900.00	7,156.58	15,975.16	7,227.74	265.99	265.80	-100.79	327.34	7,596.20	382.80	-139.90	522.70	0.732	Level 1		
16,000.00	7,158.73	16,075.05	7,229.85	268.94	268.72	-100.65	332.04	7,695.95	387.55	-141.15	528.70	0.733	Level 1		
16,100.00	7,160.88	16,174.93	7,231.96	271.89	271.65	-100.51	336.73	7,795.70	392.30	-142.40	534.70	0.734	Level 1		
16,200.00	7,163.02	16,274.81	7,234.07	274.84	274.57	-100.38	341.43	7,895.45	397.05	-143.65	540.69	0.734	Level 1		
16,300.00	7,165.17	16,374.70	7,236.19	277.79	277.49	-100.25	346.13	7,995.20	401.80	-144.88	546.69	0.735	Level 1		
16,400.00	7,167.32	16,474.58	7,238.30	280.74	280.42	-100.13	350.83	8,094.95	406.56	-146.12	552.68	0.736	Level 1		
16,500.00	7,169.47	16,574.46	7,240.41	283.69	283.34	-100.00	355.53	8,194.70	411.32	-147.35	558.66	0.736	Level 1		
16,600.00	7,171.62	16,674.34	7,242.52	286.64	286.27	-99.88	360.23	8,294.45	416.08	-148.57	564.65	0.737	Level 1		
16,700.00	7,173.77	16,774.23	7,244.63	289.59	289.20	-99.77	364.92	8,394.20	420.84	-149.80	570.63	0.737	Level 1		
16,800.00	7,175.91	16,874.11	7,246.74	292.54	292.12	-99.65	369.62	8,493.95	425.60	-151.02	576.62	0.738	Level 1		
16,900.00	7,178.06	16,973.99	7,248.86	295.50	295.05	-99.54	374.32	8,593.70	430.37	-152.23	582.60	0.739	Level 1		
17,000.00	7,180.21	17,073.88	7,250.97	298.45	297.98	-99.43	379.02	8,693.45	435.13	-153.44	588.57	0.739	Level 1		
17,100.00	7,182.36	17,173.76	7,253.08	301.40	300.90	-99.32	383.72	8,793.20	439.90	-154.65	594.55	0.740	Level 1		
17,200.00	7,184.51	17,273.64	7,255.19	304.35	303.83	-99.22	388.42	8,892.95	444.67	-155.85	600.52	0.740	Level 1		
17,300.00	7,186.66	17,373.52	7,257.30	307.30	306.76	-99.12	393.12	8,992.70	449.44	-157.06	606.50	0.741	Level 1		
17,400.00	7,188.81	17,473.41	7,259.41	310.26	309.69	-99.01	397.81	9,092.45	454.21	-158.25	612.47	0.742	Level 1		
17,455.61	7,190.00	17,528.95	7,260.59	311.90	311.32	-98.96	400.43	9,147.92	456.87	-158.92	615.79	0.742	Level 1, ES		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	3.00	-3.00	3.28	3.28	66.57	78.33	180.71	196.95				
100.00	100.00	103.00	97.00	3.28	3.28	66.57	78.33	180.71	196.95	189.42	7.53	26.164	
200.00	200.00	203.00	197.00	3.30	3.30	66.57	78.33	180.71	196.95	189.38	7.57	26.019	CC, ES
200.03	200.03	202.97	197.03	3.30	3.30	66.57	78.33	180.71	196.95	189.38	7.57	26.019	
300.00	300.00	298.03	298.03	3.34	3.34	157.80	78.63	180.44	197.23	189.58	7.65	25.775	
400.00	399.93	400.17	400.10	3.41	3.41	157.21	81.27	178.09	199.39	191.62	7.78	25.643	
500.00	499.68	502.10	501.77	3.49	3.50	156.03	86.61	173.33	203.74	195.79	7.95	25.641	
600.00	599.13	603.70	602.80	3.60	3.62	154.34	94.61	166.20	210.38	202.22	8.16	25.767	
700.00	698.15	704.84	702.93	3.75	3.76	152.25	105.23	156.74	219.47	211.03	8.44	26.008	
800.00	796.63	803.78	800.65	3.93	3.93	150.36	116.78	146.44	231.50	222.74	8.77	26.399	
900.00	894.44	902.49	898.15	4.16	4.13	149.02	128.31	136.17	246.70	237.55	9.15	26.957	
1,000.00	991.57	1,000.84	995.28	4.44	4.34	148.24	139.80	125.94	264.55	254.97	9.58	27.606	
1,100.00	1,088.60	1,100.88	1,092.36	4.75	4.58	147.69	151.28	115.71	282.79	272.74	10.05	28.138	
1,200.00	1,185.63	1,202.59	1,189.44	5.10	4.84	147.20	162.76	105.48	301.05	290.50	10.56	28.516	
1,300.00	1,282.66	1,304.30	1,286.52	5.46	5.11	146.77	174.24	95.25	319.34	308.24	11.10	28.779	
1,400.00	1,379.69	1,406.01	1,383.59	5.85	5.39	146.39	185.72	85.02	337.64	325.97	11.66	28.953	
1,500.00	1,476.72	1,492.28	1,480.67	6.25	5.63	146.04	197.20	74.79	355.95	343.74	12.21	29.163	
1,600.00	1,573.75	1,609.44	1,577.75	6.66	5.98	145.73	208.68	64.57	374.27	361.41	12.86	29.108	
1,700.00	1,670.78	1,688.85	1,674.83	7.08	6.22	145.45	220.16	54.34	392.60	379.19	13.42	29.266	
1,800.00	1,767.81	1,787.14	1,771.91	7.31	6.40	145.19	231.64	44.11	410.94	397.54	13.40	30.670	
1,900.00	1,864.84	1,885.43	1,868.98	7.38	6.45	144.96	243.12	33.88	429.29	415.79	13.50	31.807	
2,000.00	1,961.87	1,983.71	1,966.06	7.48	6.51	144.74	254.60	23.65	447.64	434.03	13.62	32.872	
2,100.00	2,058.90	2,082.00	2,063.14	7.61	6.58	144.55	266.08	13.42	466.00	452.23	13.78	33.819	
2,200.00	2,155.92	2,180.29	2,160.22	7.77	6.67	144.36	277.56	3.19	484.37	470.39	13.98	34.647	
2,300.00	2,252.95	2,278.58	2,257.29	7.96	6.78	144.19	289.04	-7.03	502.74	488.52	14.22	35.357	
2,400.00	2,349.98	2,376.87	2,354.37	8.17	6.91	144.03	300.52	-17.26	521.11	506.62	14.49	35.955	
2,500.00	2,447.01	2,475.15	2,451.45	8.41	7.05	143.89	312.00	-27.49	539.49	524.69	14.80	36.447	
2,600.00	2,544.04	2,573.44	2,548.53	8.66	7.20	143.75	323.48	-37.72	557.87	542.73	15.14	36.842	
2,700.00	2,641.07	2,671.73	2,645.61	8.94	7.37	143.62	334.96	-47.95	576.25	560.74	15.51	37.149	
2,800.00	2,738.10	2,770.02	2,742.68	9.23	7.56	143.50	346.44	-58.18	594.64	578.73	15.91	37.376	
2,900.00	2,835.13	2,868.30	2,839.76	9.54	7.75	143.39	357.92	-68.40	613.03	596.69	16.33	37.534	
3,000.00	2,932.16	2,966.59	2,936.84	9.86	7.96	143.28	369.40	-78.63	631.42	614.64	16.78	37.631	
3,100.00	3,029.19	3,064.88	3,033.92	10.20	8.17	143.18	380.88	-88.86	649.81	632.56	17.25	37.675	
3,200.00	3,126.22	3,163.17	3,130.99	10.55	8.40	143.08	392.36	-99.09	668.20	650.47	17.74	37.675	
3,300.00	3,223.25	3,261.46	3,228.07	10.91	8.63	142.99	403.84	-109.32	686.60	668.36	18.24	37.637	
3,400.00	3,320.28	3,359.74	3,325.15	11.28	8.88	142.91	415.32	-119.55	705.00	686.23	18.77	37.567	
3,500.00	3,417.31	3,458.03	3,422.23	11.66	9.12	142.83	426.80	-129.77	723.40	704.09	19.31	37.471	
3,600.00	3,514.34	3,556.32	3,519.30	12.05	9.38	142.75	438.28	-140.00	741.80	721.94	19.86	37.354	
3,700.00	3,611.37	3,654.61	3,616.38	12.44	9.64	142.68	449.76	-150.23	760.20	739.77	20.42	37.219	
3,800.00	3,708.40	3,752.89	3,713.46	12.84	9.91	142.61	461.24	-160.46	778.60	757.60	21.00	37.071	
3,900.00	3,805.43	3,851.18	3,810.54	13.25	10.19	142.54	472.72	-170.69	797.00	775.41	21.59	36.912	
4,000.00	3,902.46	3,949.47	3,907.62	13.66	10.46	142.48	484.20	-180.92	815.41	793.22	22.19	36.744	
4,100.00	3,999.49	4,047.76	4,004.69	14.08	10.75	142.41	495.68	-191.14	833.81	811.01	22.80	36.571	
4,200.00	4,096.52	4,146.05	4,101.77	14.50	11.03	142.36	507.16	-201.37	852.22	828.80	23.42	36.393	
4,300.00	4,193.55	4,244.33	4,198.85	14.92	11.33	142.30	518.64	-211.60	870.63	846.59	24.04	36.213	
4,400.00	4,290.58	4,342.62	4,295.93	15.35	11.62	142.25	530.12	-221.83	889.04	864.36	24.67	36.031	
4,500.00	4,387.61	4,440.91	4,393.00	15.78	11.92	142.20	541.60	-232.06	907.44	882.13	25.31	35.848	
4,600.00	4,484.63	4,539.20	4,490.08	16.22	12.22	142.15	553.08	-242.29	925.85	899.89	25.96	35.666	
4,700.00	4,581.66	4,637.48	4,587.16	16.66	12.52	142.10	564.56	-252.52	944.26	917.65	26.61	35.486	
4,800.00	4,678.69	4,735.77	4,684.24	17.10	12.83	142.05	576.04	-262.74	962.67	935.41	27.27	35.306	
4,900.00	4,775.72	4,834.06	4,781.32	17.55	13.14	142.01	587.52	-272.97	981.09	953.16	27.93	35.129	
5,000.00	4,872.75	4,932.35	4,878.39	17.99	13.45	141.97	599.00	-283.20	999.50	970.90	28.59	34.955	
5,100.00	4,969.78	5,030.64	4,975.47	18.44	13.76	141.93	610.48	-293.43	1,017.91	988.65	29.26	34.783	
5,200.00	5,066.81	5,128.92	5,072.55	18.89	14.08	141.89	621.96	-303.66	1,036.32	1,006.38	29.94	34.615	
5,300.00	5,163.84	5,227.21	5,169.63	19.35	14.39	141.85	633.44	-313.89	1,054.74	1,024.12	30.62	34.449	
5,400.00	5,260.87	5,325.50	5,266.70	19.80	14.71	141.81	644.92	-324.11	1,073.15	1,041.85	31.30	34.287	
5,500.00	5,357.90	5,423.79	5,363.78	20.26	15.03	141.78	656.40	-334.34	1,091.56	1,059.58	31.98	34.129	
5,600.00	5,454.93	5,522.08	5,460.86	20.71	15.36	141.74	667.88	-344.57	1,109.98	1,077.31	32.67	33.973	
5,700.00	5,551.96	5,620.36	5,557.94	21.17	15.68	141.71	679.36	-354.80	1,128.39	1,095.03	33.36	33.821	
5,800.00	5,648.99	5,718.65	5,655.01	21.63	16.00	141.68	690.84	-365.03	1,146.81	1,112.75	34.06	33.673	
5,900.00	5,746.02	5,816.94	5,752.09	22.09	16.33	141.65	702.32	-375.26	1,165.22	1,130.47	34.75	33.528	
6,000.00	5,843.05	5,915.23	5,849.17	22.56	16.66	141.62	713.80	-385.48	1,183.64	1,148.19	35.45	33.387	
6,600.00	6,430.70	7,915.42	7,152.09	24.59	36.27	-100.12	846.03	-1,420.25	1,139.19	1,089.73	49.46	23.034	
6,700.00	6,528.14	7,905.95	7,151.96	24.65	36.04	-103.97	846.53	-1,398.89	1,080.68	1,029.39	51.29	21.070	
6,800.00	6,620.94	7,857.68	7,151.72	24.74	34.92	-106.56	847.39	-1,362.53	1,030.77	978.48	52.29	19.712	
6,900.00	6,706.80	7,807.21	7,151.40	24.91	33.74	-107.58	848.58	-1,312.07	990.47	937.41	53.06	18.666	

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	
7,000.00	6,783.62	7,743.88	7,150.99	25.23	32.33	-107.33	850.07	-1,248.76	959.93	906.51	53.43	17.967	
7,100.00	6,849.51	7,669.25	7,150.51	25.75	30.73	-106.20	851.83	-1,174.15	938.46	885.04	53.42	17.566	
7,200.00	6,902.84	7,580.96	7,149.90	26.52	28.92	-104.50	853.90	-1,085.89	924.73	871.59	53.14	17.402	
7,300.00	6,942.30	7,405.64	7,122.95	27.55	25.70	-99.78	854.85	-913.22	912.53	860.57	51.97	17.560	
7,400.00	6,966.92	7,266.56	7,068.92	28.83	23.62	-95.62	851.43	-785.41	899.69	848.02	51.67	17.413	
7,500.00	6,976.11	7,151.72	7,004.41	30.30	22.27	-91.90	845.94	-690.74	888.30	836.37	51.93	17.104	
7,600.00	6,978.26	7,060.36	6,941.70	31.95	21.41	-87.73	839.97	-624.69	879.70	827.03	52.67	16.703	
7,697.50	6,980.35	6,993.06	6,889.85	33.73	20.87	-84.27	834.75	-582.15	876.43	822.76	53.67	16.330	
7,700.00	6,980.41	6,991.56	6,888.65	33.78	20.86	-84.19	834.62	-581.27	876.43	822.74	53.70	16.322	
7,800.00	6,982.56	6,939.02	6,845.18	35.76	20.50	-81.29	830.08	-552.12	880.60	825.78	54.82	16.064	
7,900.00	6,984.70	6,898.09	6,809.77	37.87	20.25	-78.95	826.29	-531.98	893.36	837.48	55.88	15.987 SF	
8,000.00	6,986.85	6,865.57	6,780.75	40.08	20.06	-77.04	823.13	-517.62	915.12	858.33	56.80	16.112	
8,100.00	6,989.00	6,839.22	6,756.75	42.39	19.92	-75.48	820.49	-507.10	945.76	888.24	57.52	16.443	
8,200.00	6,991.15	6,817.51	6,736.66	44.78	19.81	-74.18	818.26	-499.19	984.76	926.73	58.03	16.970	
8,300.00	6,993.30	6,800.00	6,720.27	47.23	19.72	-73.13	816.42	-493.31	1,031.36	973.01	58.35	17.674	
8,400.00	6,995.45	6,783.98	6,705.14	49.74	19.65	-72.16	814.71	-488.33	1,084.74	1,026.23	58.51	18.538	
8,500.00	6,997.60	6,770.80	6,692.60	52.29	19.59	-71.37	813.29	-484.52	1,144.04	1,085.49	58.55	19.539	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	3.00	-3.00	3.28	3.28	78.03	38.26	180.43	184.44				
100.00	100.00	103.00	97.00	3.28	3.28	78.03	38.26	180.43	184.44	176.91	7.53	24.502	
200.00	200.00	203.00	197.00	3.30	3.30	78.03	38.26	180.43	184.44	176.87	7.57	24.366	CC, ES
202.38	202.38	200.62	199.38	3.30	3.30	169.33	38.26	180.43	184.44	176.87	7.57	24.366	
300.00	300.00	299.40	299.40	3.34	3.34	169.27	38.46	180.05	184.56	176.91	7.65	24.119	
400.00	399.93	404.48	404.41	3.41	3.41	168.72	40.27	176.79	185.31	177.54	7.77	23.841	
500.00	499.68	509.47	509.12	3.49	3.51	167.61	43.95	170.16	186.79	178.85	7.94	23.539	
600.00	599.13	613.16	612.20	3.60	3.63	166.01	49.36	160.40	189.15	181.00	8.14	23.224	
700.00	698.15	712.91	711.25	3.75	3.77	164.54	55.08	150.07	194.24	185.84	8.41	23.110	
800.00	796.63	812.47	810.11	3.93	3.93	163.41	60.80	139.76	202.80	194.08	8.71	23.280	
900.00	894.44	911.72	908.66	4.16	4.11	162.62	66.49	129.49	214.72	205.66	9.06	23.700	
1,000.00	991.57	1,010.60	1,006.84	4.44	4.31	162.18	72.17	119.25	229.56	220.12	9.45	24.296	
1,100.00	1,088.60	1,109.42	1,104.97	4.75	4.52	161.86	77.84	109.01	244.82	234.96	9.86	24.825	
1,200.00	1,185.63	1,208.24	1,203.09	5.10	4.75	161.57	83.51	98.78	260.09	249.79	10.30	25.241	
1,300.00	1,282.66	1,307.06	1,301.22	5.46	4.99	161.32	89.19	88.54	275.36	264.59	10.77	25.563	
1,400.00	1,379.69	1,405.88	1,399.34	5.85	5.23	161.10	94.86	78.31	290.64	279.38	11.26	25.808	
1,500.00	1,476.72	1,504.70	1,497.47	6.25	5.49	160.89	100.53	68.08	305.92	294.15	11.77	25.991	
1,600.00	1,573.75	1,603.52	1,595.59	6.66	5.75	160.71	106.20	57.84	321.20	308.91	12.30	26.124	
1,700.00	1,670.78	1,702.34	1,693.72	7.08	6.01	160.54	111.88	47.61	336.49	323.66	12.83	26.223	
1,800.00	1,767.81	1,801.16	1,791.84	7.31	6.15	160.39	117.55	37.38	351.78	339.03	12.75	27.593	
1,900.00	1,864.84	1,900.02	1,889.97	7.38	6.18	160.25	123.22	27.14	367.07	354.27	12.80	28.676	
2,000.00	1,961.87	2,001.20	1,988.09	7.48	6.23	160.12	128.89	16.91	382.36	369.47	12.89	29.664	
2,100.00	2,058.90	2,102.38	2,086.22	7.61	6.29	160.00	134.57	6.67	397.66	384.64	13.01	30.555	
2,200.00	2,155.92	2,203.56	2,184.34	7.77	6.37	159.89	140.24	-3.56	412.95	399.78	13.17	31.347	
2,300.00	2,252.95	2,295.26	2,282.47	7.96	6.46	159.79	145.91	-13.79	428.25	414.89	13.36	32.060	
2,400.00	2,349.98	2,394.08	2,380.59	8.17	6.57	159.70	151.58	-24.03	443.55	429.97	13.58	32.664	
2,500.00	2,447.01	2,507.10	2,478.72	8.41	6.71	159.61	157.26	-34.26	458.85	445.00	13.85	33.138	
2,600.00	2,544.04	2,608.28	2,576.84	8.66	6.85	159.53	162.93	-44.49	474.15	460.02	14.13	33.555	
2,700.00	2,641.07	2,709.46	2,674.97	8.94	7.00	159.45	168.60	-54.73	489.45	475.01	14.44	33.892	
2,800.00	2,738.10	2,789.36	2,773.09	9.23	7.13	159.38	174.28	-64.96	504.76	490.01	14.75	34.232	
2,900.00	2,835.13	2,888.18	2,871.22	9.54	7.30	159.31	179.95	-75.20	520.06	504.96	15.10	34.443	
3,000.00	2,932.16	2,987.00	2,969.34	9.86	7.48	159.24	185.62	-85.43	535.36	519.89	15.47	34.597	
3,100.00	3,029.19	3,085.82	3,067.47	10.20	7.67	159.18	191.29	-95.66	550.67	534.80	15.87	34.700	
3,200.00	3,126.22	3,184.64	3,165.59	10.55	7.87	159.12	196.97	-105.90	565.98	549.69	16.28	34.759	
3,300.00	3,223.25	3,283.46	3,263.72	10.91	8.08	159.07	202.64	-116.13	581.28	564.57	16.71	34.779	
3,400.00	3,320.28	3,382.28	3,361.84	11.28	8.29	159.02	208.31	-126.36	596.59	579.43	17.16	34.766	
3,500.00	3,417.31	3,481.10	3,459.97	11.66	8.51	158.97	213.98	-136.60	611.90	594.27	17.62	34.725	
3,600.00	3,514.34	3,579.92	3,558.09	12.05	8.74	158.92	219.66	-146.83	627.20	609.11	18.10	34.661	
3,700.00	3,611.37	3,678.74	3,656.22	12.44	8.97	158.88	225.33	-157.06	642.51	623.93	18.58	34.577	
3,800.00	3,708.40	3,777.56	3,754.34	12.84	9.21	158.83	231.00	-167.30	657.82	638.74	19.08	34.477	
3,900.00	3,805.43	3,876.38	3,852.47	13.25	9.45	158.79	236.67	-177.53	673.13	653.54	19.59	34.363	
4,000.00	3,902.46	3,975.20	3,950.59	13.66	9.70	158.75	242.35	-187.77	688.44	668.33	20.11	34.239	
4,100.00	3,999.49	4,074.02	4,048.72	14.08	9.96	158.72	248.02	-198.00	703.75	683.11	20.63	34.106	
4,200.00	4,096.52	4,172.84	4,146.84	14.50	10.21	158.68	253.69	-208.23	719.05	697.89	21.17	33.967	
4,300.00	4,193.55	4,271.66	4,244.97	14.92	10.47	158.65	259.36	-218.47	734.36	712.65	21.71	33.823	
4,400.00	4,290.58	4,370.48	4,343.09	15.35	10.74	158.61	265.04	-228.70	749.67	727.41	22.26	33.675	
4,500.00	4,387.61	4,469.30	4,441.22	15.78	11.00	158.58	270.71	-238.93	764.98	742.17	22.82	33.524	
4,600.00	4,484.63	4,568.12	4,539.34	16.22	11.27	158.55	276.38	-249.17	780.30	756.91	23.38	33.372	
4,700.00	4,581.66	4,666.94	4,637.47	16.66	11.55	158.52	282.05	-259.40	795.61	771.66	23.95	33.219	
4,800.00	4,678.69	4,765.76	4,735.59	17.10	11.82	158.49	287.73	-269.64	810.92	786.39	24.52	33.067	
4,900.00	4,775.72	4,864.58	4,833.72	17.55	12.10	158.47	293.40	-279.87	826.23	801.13	25.10	32.915	
5,000.00	4,872.75	4,963.40	4,931.84	17.99	12.38	158.44	299.07	-290.10	841.54	815.85	25.69	32.764	
5,100.00	4,969.78	5,062.22	5,029.97	18.44	12.66	158.42	304.74	-300.34	856.85	830.58	26.27	32.614	
5,200.00	5,066.81	5,161.04	5,128.09	18.89	12.95	158.39	310.42	-310.57	872.16	845.30	26.86	32.466	
5,300.00	5,163.84	5,259.86	5,226.22	19.35	13.23	158.37	316.09	-320.80	887.47	860.01	27.46	32.320	
5,400.00	5,260.87	5,358.69	5,324.34	19.80	13.52	158.35	321.76	-331.04	902.79	874.73	28.06	32.177	
5,500.00	5,357.90	5,457.51	5,422.47	20.26	13.81	158.33	327.43	-341.27	918.10	889.44	28.66	32.035	
5,600.00	5,454.93	5,556.33	5,520.59	20.71	14.10	158.30	333.11	-351.51	933.41	904.15	29.26	31.896	
5,700.00	5,551.96	5,655.15	5,618.72	21.17	14.39	158.28	338.78	-361.74	948.72	918.85	29.87	31.760	
5,800.00	5,648.99	5,753.97	5,716.84	21.63	14.68	158.26	344.45	-371.97	964.03	933.55	30.48	31.627	
5,900.00	5,746.02	5,852.79	5,814.97	22.09	14.98	158.24	350.12	-382.21	979.35	948.25	31.09	31.496	
6,000.00	5,843.05	5,951.61	5,913.09	22.56	15.28	158.23	355.80	-392.44	994.66	962.95	31.71	31.367	
6,100.00	5,940.08	6,050.43	6,011.22	23.02	15.57	158.21	361.47	-402.67	1,009.97	977.64	32.33	31.242	
6,200.00	6,037.11	6,149.25	6,109.34	23.49	15.87	158.19	367.14	-412.91	1,025.28	992.34	32.95	31.119	
6,300.00	6,134.14	6,248.07	6,207.47	23.95	16.17	158.17	372.81	-423.14	1,040.60	1,007.03	33.57	30.999	
6,400.00	6,231.54	7,865.42	7,152.91	24.36	34.98	110.75	421.97	-1,401.55	1,029.76	993.54	36.22	28.428	

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L2 - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,331.02	7,874.89	7,152.94	24.51	35.21	115.26	421.91	-1,411.01	941.77	903.83	37.94	24.826	
6,600.00	6,430.70	7,868.69	7,152.92	24.59	35.06	-105.22	421.95	-1,404.81	856.13	816.37	39.76	21.532	
6,700.00	6,528.14	7,846.96	7,152.86	24.65	34.53	-113.25	422.08	-1,383.08	775.70	734.02	41.68	18.612	
6,800.00	6,620.94	7,810.25	7,152.75	24.74	33.64	-118.02	422.31	-1,346.37	703.18	659.56	43.62	16.121	
6,900.00	6,706.80	7,759.46	7,152.60	24.91	32.44	-119.97	422.61	-1,295.58	640.83	595.34	45.49	14.087	
7,000.00	6,783.62	7,704.17	7,152.41	25.23	31.15	-119.85	423.00	-1,231.96	590.18	542.91	47.27	12.486	
7,100.00	6,849.51	7,620.94	7,152.19	25.75	29.29	-118.33	423.46	-1,157.07	551.71	503.29	48.42	11.394	
7,200.00	6,902.84	7,520.36	7,150.81	26.52	27.16	-115.18	424.00	-1,056.52	524.42	475.29	49.13	10.673	
7,300.00	6,942.30	7,381.92	7,127.44	27.55	24.46	-109.14	423.49	-920.34	500.51	450.97	49.53	10.104	
7,400.00	6,966.92	7,264.73	7,085.09	28.83	22.50	-103.20	421.69	-811.26	479.56	429.24	50.32	9.530	
7,500.00	6,976.11	7,162.47	7,032.37	30.30	21.08	-97.24	419.16	-723.80	463.78	412.49	51.28	9.043	
7,600.00	6,978.26	7,076.90	6,977.98	31.95	20.11	-90.28	416.39	-657.89	454.25	401.87	52.37	8.674	
7,648.17	6,979.29	7,042.32	6,953.57	32.83	19.77	-87.12	415.12	-633.42	452.92	400.04	52.88	8.565	
7,700.00	6,980.41	7,009.21	6,929.00	33.78	19.47	-83.96	413.82	-611.28	454.61	401.31	53.30	8.530 SF	
7,800.00	6,982.56	6,955.46	6,886.76	35.76	19.02	-78.58	411.56	-578.14	468.31	414.60	53.71	8.719	
7,900.00	6,984.70	6,912.32	6,850.94	37.87	18.71	-74.13	409.61	-554.20	496.46	442.95	53.50	9.279	
8,000.00	6,986.85	6,877.22	6,820.65	40.08	18.48	-70.50	407.95	-536.55	538.19	485.39	52.81	10.192	
8,100.00	6,989.00	6,850.00	6,796.52	42.39	18.31	-67.70	406.62	-524.03	591.51	539.67	51.85	11.409	
8,200.00	6,991.15	6,824.10	6,773.08	44.78	18.16	-65.07	405.32	-513.08	654.13	603.34	50.79	12.878	
8,300.00	6,993.30	6,800.00	6,750.90	47.23	18.03	-62.67	404.08	-503.76	724.02	674.25	49.77	14.548	
8,400.00	6,995.45	6,786.15	6,737.99	49.74	17.96	-61.32	403.36	-498.79	799.45	750.60	48.86	16.363	
8,500.00	6,997.60	6,771.05	6,723.80	52.29	17.89	-59.86	402.56	-493.69	879.20	831.17	48.04	18.303	
8,600.00	6,999.74	6,750.00	6,703.83	54.89	17.79	-57.88	401.43	-487.14	962.37	915.06	47.31	20.343	
8,700.00	7,001.89	6,750.00	6,703.83	57.52	17.79	-57.88	401.43	-487.14	1,048.02	1,001.32	46.69	22.446	
8,800.00	7,004.04	6,736.08	6,690.50	60.18	17.73	-56.59	400.68	-483.18	1,135.79	1,089.64	46.15	24.613	

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	72.10	58.29	180.43	189.61					
100.00	100.00	103.00	97.00	3.28	3.28	72.10	58.29	180.43	189.61	182.08	7.53	25.189		
200.00	200.00	203.00	197.00	3.30	3.30	72.10	58.29	180.43	189.61	182.04	7.57	25.049	CC, ES	
200.94	200.94	202.06	197.94	3.30	3.30	163.40	58.29	180.43	189.61	182.04	7.57	25.049		
300.00	300.00	298.93	298.93	3.34	3.34	163.33	58.53	180.09	189.79	182.14	7.65	24.802		
400.00	399.93	403.01	402.94	3.41	3.41	162.76	60.65	177.10	191.04	183.26	7.77	24.573		
500.00	499.68	506.97	506.62	3.49	3.51	161.60	64.96	171.04	193.53	185.59	7.94	24.373		
600.00	599.13	610.72	609.77	3.60	3.63	159.91	71.43	161.94	197.36	189.21	8.15	24.208		
700.00	698.15	710.80	709.01	3.75	3.77	158.15	78.93	151.38	203.43	195.01	8.42	24.161		
800.00	796.63	810.25	807.62	3.93	3.93	156.85	86.40	140.87	212.86	204.12	8.74	24.367		
900.00	894.44	909.40	905.93	4.16	4.12	155.98	93.85	130.39	225.53	216.44	9.10	24.793		
1,000.00	991.57	1,008.18	1,003.88	4.44	4.32	155.54	101.27	119.95	241.00	231.50	9.50	25.368		
1,100.00	1,088.60	1,106.91	1,101.77	4.75	4.54	155.25	108.68	109.52	256.87	246.94	9.93	25.865		
1,200.00	1,185.63	1,205.63	1,199.66	5.10	4.77	155.00	116.10	99.08	272.74	262.35	10.39	26.242		
1,300.00	1,282.66	1,304.36	1,297.55	5.46	5.02	154.77	123.51	88.65	288.61	277.73	10.88	26.522		
1,400.00	1,379.69	1,403.08	1,395.44	5.85	5.27	154.56	130.93	78.21	304.50	293.10	11.39	26.724		
1,500.00	1,476.72	1,501.81	1,493.34	6.25	5.53	154.38	138.34	67.78	320.38	308.45	11.93	26.863		
1,600.00	1,573.75	1,600.53	1,591.23	6.66	5.80	154.21	145.76	57.35	336.27	323.79	12.48	26.953		
1,700.00	1,670.78	1,700.74	1,689.12	7.08	6.08	154.06	153.17	46.91	352.16	339.11	13.04	26.999		
1,800.00	1,767.81	1,802.02	1,787.01	7.31	6.23	153.92	160.59	36.48	368.05	355.07	12.98	28.357		
1,900.00	1,864.84	1,903.29	1,884.90	7.38	6.26	153.80	168.00	26.04	383.94	370.90	13.04	29.438		
2,000.00	1,961.87	1,995.43	1,982.80	7.48	6.31	153.68	175.42	15.61	399.84	386.70	13.14	30.431		
2,100.00	2,058.90	2,105.84	2,080.69	7.61	6.38	153.57	182.83	5.17	415.73	402.45	13.28	31.297		
2,200.00	2,155.92	2,207.11	2,178.58	7.77	6.47	153.47	190.25	-5.26	431.63	418.17	13.46	32.069		
2,300.00	2,252.95	2,308.39	2,276.47	7.96	6.57	153.38	197.66	-15.70	447.53	433.86	13.67	32.737		
2,400.00	2,349.98	2,409.66	2,374.36	8.17	6.69	153.29	205.08	-26.13	463.43	449.51	13.92	33.304		
2,500.00	2,447.01	2,489.06	2,472.26	8.41	6.79	153.21	212.49	-36.56	479.33	465.17	14.16	33.844		
2,600.00	2,544.04	2,587.79	2,570.15	8.66	6.94	153.14	219.91	-47.00	495.23	480.77	14.46	34.242		
2,700.00	2,641.07	2,686.51	2,668.04	8.94	7.09	153.07	227.32	-57.43	511.14	496.35	14.79	34.560		
2,800.00	2,738.10	2,785.24	2,765.93	9.23	7.26	153.00	234.74	-67.87	527.04	511.90	15.14	34.804		
2,900.00	2,835.13	2,883.96	2,863.82	9.54	7.43	152.94	242.15	-78.30	542.94	527.42	15.52	34.984		
3,000.00	2,932.16	2,982.69	2,961.72	9.86	7.62	152.88	249.57	-88.74	558.85	542.93	15.92	35.106		
3,100.00	3,029.19	3,081.42	3,059.61	10.20	7.82	152.82	256.98	-99.17	574.75	558.41	16.34	35.178		
3,200.00	3,126.22	3,180.14	3,157.50	10.55	8.02	152.77	264.40	-109.60	590.66	573.88	16.78	35.206		
3,300.00	3,223.25	3,278.87	3,255.39	10.91	8.24	152.72	271.82	-120.04	606.57	589.33	17.23	35.198		
3,400.00	3,320.28	3,377.59	3,353.29	11.28	8.46	152.67	279.23	-130.47	622.47	604.77	17.70	35.158		
3,500.00	3,417.31	3,476.32	3,451.18	11.66	8.69	152.63	286.65	-140.91	638.38	620.19	18.19	35.092		
3,600.00	3,514.34	3,575.04	3,549.07	12.05	8.92	152.58	294.06	-151.34	654.29	635.59	18.69	35.003		
3,700.00	3,611.37	3,673.77	3,646.96	12.44	9.17	152.54	301.48	-161.78	670.19	650.99	19.21	34.897		
3,800.00	3,708.40	3,772.49	3,744.85	12.84	9.41	152.51	308.89	-172.21	686.10	666.37	19.73	34.775		
3,900.00	3,805.43	3,871.22	3,842.75	13.25	9.66	152.47	316.31	-182.65	702.01	681.75	20.26	34.642		
4,000.00	3,902.46	3,969.94	3,940.64	13.66	9.92	152.43	323.72	-193.08	717.92	697.11	20.81	34.500		
4,100.00	3,999.49	4,068.67	4,038.53	14.08	10.18	152.40	331.14	-203.51	733.83	712.47	21.36	34.350		
4,200.00	4,096.52	4,167.40	4,136.42	14.50	10.45	152.37	338.55	-213.95	749.74	727.81	21.93	34.195		
4,300.00	4,193.55	4,266.12	4,234.31	14.92	10.72	152.33	345.97	-224.38	765.65	743.15	22.50	34.036		
4,400.00	4,290.58	4,364.85	4,332.21	15.35	10.99	152.30	353.38	-234.82	781.56	758.48	23.07	33.874		
4,500.00	4,387.61	4,463.57	4,430.10	15.78	11.27	152.28	360.80	-245.25	797.47	773.81	23.66	33.711		
4,600.00	4,484.63	4,562.30	4,527.99	16.22	11.54	152.25	368.21	-255.69	813.38	789.13	24.25	33.547		
4,700.00	4,581.66	4,661.02	4,625.88	16.66	11.83	152.22	375.63	-266.12	829.29	804.45	24.84	33.383		
4,800.00	4,678.69	4,759.75	4,723.77	17.10	12.11	152.20	383.04	-276.55	845.20	819.76	25.44	33.221		
4,900.00	4,775.72	4,858.47	4,821.67	17.55	12.40	152.17	390.46	-286.99	861.11	835.06	26.05	33.059		
5,000.00	4,872.75	4,957.20	4,919.56	17.99	12.69	152.15	397.87	-297.42	877.02	850.36	26.66	32.899		
5,100.00	4,969.78	5,055.93	5,017.45	18.44	12.98	152.12	405.29	-307.86	892.93	865.66	27.27	32.742		
5,200.00	5,066.81	5,154.65	5,115.34	18.89	13.27	152.10	412.70	-318.29	908.84	880.95	27.89	32.586		
5,300.00	5,163.84	5,253.38	5,213.24	19.35	13.56	152.08	420.12	-328.73	924.75	896.24	28.51	32.433		
5,400.00	5,260.87	5,352.10	5,311.13	19.80	13.86	152.06	427.53	-339.16	940.66	911.52	29.14	32.283		
5,500.00	5,357.90	5,450.83	5,409.02	20.26	14.16	152.04	434.95	-349.60	956.57	926.81	29.77	32.135		
5,600.00	5,454.93	5,549.55	5,506.91	20.71	14.46	152.02	442.37	-360.03	972.49	942.09	30.40	31.991		
5,700.00	5,551.96	5,648.28	5,604.80	21.17	14.76	152.00	449.78	-370.46	988.40	957.36	31.03	31.849		
5,800.00	5,648.99	5,747.00	5,702.70	21.63	15.06	151.98	457.20	-380.90	1,004.31	972.64	31.67	31.711		
5,900.00	5,746.02	5,845.73	5,800.59	22.09	15.36	151.97	464.61	-391.33	1,020.22	987.91	32.31	31.575		
6,000.00	5,843.05	5,944.45	5,898.48	22.56										

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4N-11B-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,331.02	7,700.31	6,962.51	24.51	35.31	114.83	555.44	-1,409.88	864.96	819.76	45.21	19.133	
6,600.00	6,430.70	7,706.35	6,962.52	24.59	35.46	-99.69	555.42	-1,403.22	795.17	747.15	48.02	16.559	
6,700.00	6,528.14	7,671.48	6,962.55	24.65	34.61	-103.38	555.35	-1,381.05	733.65	683.43	50.21	14.611	
6,800.00	6,620.94	7,634.35	6,962.61	24.74	33.71	-105.03	555.24	-1,343.92	682.85	630.61	52.23	13.073	
6,900.00	6,706.80	7,583.17	6,962.69	24.91	32.48	-104.53	555.08	-1,292.74	644.20	590.56	53.64	12.010	
7,000.00	6,783.62	7,519.19	6,962.78	25.23	30.99	-102.34	554.89	-1,228.76	617.71	563.39	54.31	11.373	
7,100.00	6,849.51	7,444.01	6,962.90	25.75	29.31	-99.07	554.66	-1,153.57	601.85	547.53	54.33	11.079	
7,200.00	6,902.84	7,355.49	6,962.60	26.52	27.41	-95.23	554.36	-1,065.06	593.96	540.14	53.82	11.037 SF	
7,300.00	6,942.30	7,255.81	6,951.33	27.55	25.40	-90.77	553.20	-966.13	590.06	536.92	53.14	11.104	
7,381.94	6,963.60	7,180.05	6,932.54	28.60	24.00	-87.21	551.55	-892.81	589.08	536.31	52.77	11.163	
7,400.00	6,966.92	7,163.95	6,927.43	28.83	23.72	-86.45	551.12	-877.54	589.13	536.44	52.69	11.181	
7,500.00	6,976.11	7,078.10	6,893.82	30.30	22.33	-82.32	548.34	-798.67	590.93	538.46	52.47	11.262	
7,600.00	6,978.26	7,000.93	6,854.83	31.95	21.24	-78.42	545.19	-732.20	596.74	544.26	52.48	11.371	
7,700.00	6,980.41	6,934.99	6,815.35	33.78	20.44	-74.57	542.04	-679.51	609.33	556.72	52.61	11.582	
7,800.00	6,982.56	6,879.11	6,777.80	35.76	19.85	-71.01	539.08	-638.26	630.30	577.59	52.70	11.960	
7,900.00	6,984.70	6,831.85	6,743.32	37.87	19.41	-67.85	536.38	-606.07	660.39	607.72	52.68	12.537	
8,000.00	6,986.85	6,791.77	6,712.28	40.08	19.07	-65.11	533.96	-580.83	699.57	647.06	52.51	13.323	
8,100.00	6,989.00	6,757.61	6,684.62	42.39	18.81	-62.75	531.81	-560.91	747.20	694.98	52.22	14.308	
8,200.00	6,991.15	6,728.29	6,660.06	44.78	18.60	-60.72	529.91	-545.02	802.35	750.50	51.86	15.473	
8,300.00	6,993.30	6,700.00	6,635.69	47.23	18.41	-58.78	528.03	-530.78	864.00	812.58	51.42	16.803	
8,400.00	6,995.45	6,680.95	6,618.94	49.74	18.30	-57.48	526.74	-521.80	931.11	880.10	51.00	18.256	
8,500.00	6,997.60	6,650.00	6,591.17	52.29	18.11	-55.40	524.60	-508.31	1,002.96	952.45	50.51	19.855	
8,600.00	6,999.74	6,650.00	6,591.17	54.89	18.11	-55.40	524.60	-508.31	1,078.36	1,028.20	50.17	21.496	
8,700.00	7,001.89	6,629.56	6,572.48	57.52	18.00	-54.05	523.16	-500.14	1,157.04	1,107.29	49.75	23.257	

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	108.92	-61.56	179.59	189.85					
100.00	100.00	103.00	97.00	3.28	3.28	108.92	-61.56	179.59	189.85	182.32	7.53	25.221		
200.00	200.00	203.00	197.00	3.30	3.30	108.92	-61.56	179.59	189.85	182.28	7.57	25.081	CC, ES	
203.86	203.86	200.86	200.86	3.30	3.30	-159.78	-61.56	179.59	189.85	182.28	7.57	25.079		
300.00	300.00	298.50	298.50	3.34	3.34	-159.72	-61.84	179.29	190.07	182.42	7.65	24.846		
400.00	399.93	401.65	401.58	3.41	3.40	-159.12	-64.31	176.67	191.73	183.96	7.76	24.692		
500.00	499.68	504.65	504.31	3.49	3.49	-157.94	-69.30	171.35	195.04	187.11	7.93	24.603		
600.00	599.13	607.39	606.46	3.60	3.60	-156.24	-76.80	163.36	200.12	191.98	8.14	24.577		
700.00	698.15	708.13	706.26	3.75	3.74	-154.28	-86.18	153.37	207.36	198.94	8.42	24.631		
800.00	796.63	807.44	804.61	3.93	3.91	-152.78	-95.65	143.30	217.77	209.02	8.75	24.885		
900.00	894.44	906.45	902.66	4.16	4.10	-151.80	-105.08	133.25	231.36	222.22	9.14	25.323		
1,000.00	991.57	1,005.10	1,000.35	4.44	4.32	-151.30	-114.48	123.24	247.64	238.07	9.57	25.873		
1,100.00	1,088.60	1,103.69	1,097.98	4.75	4.55	-150.98	-123.87	113.24	264.31	254.27	10.04	26.330		
1,200.00	1,185.63	1,202.29	1,195.61	5.10	4.79	-150.70	-133.26	103.24	280.98	270.44	10.54	26.658		
1,300.00	1,282.66	1,300.88	1,293.24	5.46	5.05	-150.45	-142.66	93.24	297.66	286.59	11.07	26.884		
1,400.00	1,379.69	1,400.53	1,390.88	5.85	5.32	-150.23	-152.05	83.23	314.34	302.71	11.63	27.023		
1,500.00	1,476.72	1,501.94	1,488.51	6.25	5.61	-150.03	-161.44	73.23	331.03	318.81	12.22	27.089		
1,600.00	1,573.75	1,603.35	1,586.14	6.66	5.90	-149.84	-170.84	63.23	347.72	334.90	12.83	27.109		
1,700.00	1,670.78	1,704.76	1,683.77	7.08	6.20	-149.68	-180.23	53.23	364.42	350.98	13.44	27.108		
1,800.00	1,767.81	1,806.17	1,781.40	7.31	6.36	-149.53	-189.62	43.23	381.12	367.71	13.40	28.435		
1,900.00	1,864.84	1,907.57	1,879.04	7.38	6.39	-149.39	-199.01	33.22	397.82	384.34	13.48	29.516		
2,000.00	1,961.87	2,008.98	1,976.67	7.48	6.45	-149.26	-208.41	23.22	414.52	400.92	13.60	30.489		
2,100.00	2,058.90	2,089.61	2,074.30	7.61	6.51	-149.15	-217.80	13.22	431.22	417.49	13.74	31.388		
2,200.00	2,155.92	2,188.20	2,171.93	7.77	6.60	-149.04	-227.19	3.22	447.93	434.00	13.93	32.151		
2,300.00	2,252.95	2,286.79	2,269.56	7.96	6.71	-148.94	-236.59	-6.79	464.64	450.47	14.16	32.805		
2,400.00	2,349.98	2,385.38	2,367.19	8.17	6.83	-148.84	-245.98	-16.79	481.35	466.91	14.43	33.354		
2,500.00	2,447.01	2,483.97	2,464.83	8.41	6.97	-148.76	-255.37	-26.79	498.05	483.32	14.73	33.804		
2,600.00	2,544.04	2,582.56	2,562.46	8.66	7.12	-148.67	-264.76	-36.79	514.77	499.70	15.07	34.164		
2,700.00	2,641.07	2,681.16	2,660.09	8.94	7.29	-148.60	-274.16	-46.80	531.48	516.05	15.43	34.441		
2,800.00	2,738.10	2,779.75	2,757.72	9.23	7.47	-148.53	-283.55	-56.80	548.19	532.37	15.82	34.644		
2,900.00	2,835.13	2,878.34	2,855.35	9.54	7.67	-148.46	-292.94	-66.80	564.90	548.66	16.24	34.783		
3,000.00	2,932.16	2,976.93	2,952.99	9.86	7.87	-148.39	-302.34	-76.80	581.62	564.94	16.68	34.864		
3,100.00	3,029.19	3,075.52	3,050.62	10.20	8.08	-148.33	-311.73	-86.80	598.33	581.19	17.15	34.897		
3,200.00	3,126.22	3,174.11	3,148.25	10.55	8.31	-148.28	-321.12	-96.81	615.05	597.42	17.63	34.888		
3,300.00	3,223.25	3,272.70	3,245.88	10.91	8.54	-148.22	-330.52	-106.81	631.76	613.63	18.13	34.844		
3,400.00	3,320.28	3,371.29	3,343.51	11.28	8.78	-148.17	-339.91	-116.81	648.48	629.83	18.65	34.771		
3,500.00	3,417.31	3,469.89	3,441.14	11.66	9.03	-148.12	-349.30	-126.81	665.20	646.01	19.18	34.673		
3,600.00	3,514.34	3,568.48	3,538.78	12.05	9.28	-148.08	-358.69	-136.82	681.91	662.18	19.73	34.556		
3,700.00	3,611.37	3,667.07	3,636.41	12.44	9.54	-148.03	-368.09	-146.82	698.63	678.34	20.30	34.423		
3,800.00	3,708.40	3,765.66	3,734.04	12.84	9.81	-147.99	-377.48	-156.82	715.35	694.48	20.87	34.277		
3,900.00	3,805.43	3,864.25	3,831.67	13.25	10.08	-147.95	-386.87	-166.82	732.07	710.61	21.45	34.122		
4,000.00	3,902.46	3,962.84	3,929.30	13.66	10.36	-147.91	-396.27	-176.83	748.79	726.74	22.05	33.959		
4,100.00	3,999.49	4,061.43	4,026.94	14.08	10.64	-147.88	-405.66	-186.83	765.51	742.85	22.65	33.791		
4,200.00	4,096.52	4,160.03	4,124.57	14.50	10.92	-147.84	-415.05	-196.83	782.23	758.96	23.27	33.619		
4,300.00	4,193.55	4,258.62	4,222.20	14.92	11.21	-147.81	-424.44	-206.83	798.95	775.06	23.89	33.445		
4,400.00	4,290.58	4,357.21	4,319.83	15.35	11.50	-147.78	-433.84	-216.83	815.67	791.15	24.52	33.270		
4,500.00	4,387.61	4,455.80	4,417.46	15.78	11.80	-147.75	-443.23	-226.84	832.39	807.23	25.15	33.094		
4,600.00	4,484.63	4,554.39	4,515.09	16.22	12.10	-147.72	-452.62	-236.84	849.11	823.31	25.79	32.920		
4,700.00	4,581.66	4,652.98	4,612.73	16.66	12.40	-147.69	-462.02	-246.84	865.83	839.39	26.44	32.746		
4,800.00	4,678.69	4,751.57	4,710.36	17.10	12.70	-147.66	-471.41	-256.84	882.55	855.45	27.09	32.575		
4,900.00	4,775.72	4,850.16	4,807.99	17.55	13.01	-147.63	-480.80	-266.85	899.27	871.52	27.75	32.405		
5,000.00	4,872.75	4,948.76	4,905.62	17.99	13.32	-147.61	-490.19	-276.85	915.99	887.58	28.41	32.238		
5,100.00	4,969.78	5,047.35	5,003.25	18.44	13.63	-147.58	-499.59	-286.85	932.71	903.63	29.08	32.074		
5,200.00	5,066.81	5,145.94	5,100.89	18.89	13.94	-147.56	-508.98	-296.85	949.43	919.68	29.75	31.913		
5,300.00	5,163.84	5,244.53	5,198.52	19.35	14.26	-147.54	-518.37	-306.86	966.15	935.73	30.42	31.755		
5,400.00	5,260.87	5,343.12	5,296.15	19.80	14.57	-147.52	-527.77	-316.86	982.88	951.77	31.10	31.601		
5,500.00	5,357.90	5,441.71	5,393.78	20.26	14.89	-147.49	-537.16	-326.86	999.60	967.81	31.78	31.450		
5,600.00	5,454.93	5,540.30	5,491.41	20.71	15.21	-147.47	-546.55	-336.86	1,016.32	983.85	32.47	31.302		
5,700.00	5,551.96	5,638.89	5,589.04	21.17	15.53	-147.45	-555.95	-346.86	1,033.04	999.89	33.16	31.157		
5,800.00	5,648.99	5,737.49	5,686.68	21.63	15.85	-147.43	-565.34	-356.87	1,049.77	1,015.92	33.85	31.016		
5,900.00	5,746.02	5,836.08	5,784.31	22.09	16.18	-147.42	-574.73	-366.87	1,066.49	1,031.95	34.54	30.878		
6,000.00	5,843.05	5,934.67	5,881.94	22.56	16.50	-147.40	-584.12	-376.87	1,083.21	1,047.98	35.23	30.744		
6,100.00	5,940.08	6,033.26	5,979.57	23.02	16.83	-147.38	-593.52	-386.87	1,099.93	1,064.00	35.93	30.612		
6,200.00	6,037.11	6,131.85	6,077.20	23.49	17.16	-147.36	-602.91	-396.88	1,116.66	1,080.03	36.63	30.484		
6,300.00	6,134.14	6,230.44	6,174.84	23.95	17.48	-147.35	-612.30	-406.88	1,133.38	1,096.05	37.33	30.360		
6,400.00	6,231.54	6,329.24	6,272.67	24.36	17.81	-146.98	-621.72	-416.90	1,148.63	1,110.63	38.00	30.226		

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							
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	6,331.02	7,910.87	7,158.04	24.51	35.75	-67.19	-713.11	-1,408.63	1,073.44	1,029.74	43.70	24.564		
6,600.00	6,430.70	7,904.08	7,158.06	24.59	35.59	96.20	-713.07	-1,401.84	997.94	952.29	45.65	21.863		
6,700.00	6,528.14	7,881.78	7,158.13	24.65	35.06	104.20	-712.92	-1,379.54	928.49	881.04	47.46	19.564		
6,800.00	6,620.94	7,844.52	7,158.24	24.74	34.20	108.59	-712.67	-1,342.28	867.30	818.27	49.03	17.689		
6,900.00	6,706.80	7,806.78	7,158.39	24.91	33.32	110.58	-712.33	-1,290.98	815.90	765.40	50.50	16.155		
7,000.00	6,783.62	7,729.14	7,158.58	25.23	31.59	110.85	-711.91	-1,226.91	774.98	723.92	51.07	15.176		
7,100.00	6,849.51	7,653.87	7,158.80	25.75	29.99	109.99	-711.41	-1,151.63	744.28	692.78	51.49	14.453		
7,200.00	6,902.84	7,551.67	7,158.16	26.52	27.94	107.86	-710.64	-1,049.46	722.49	671.03	51.45	14.042		
7,300.00	6,942.30	7,395.94	7,131.39	27.55	25.17	102.99	-707.03	-896.47	702.27	651.14	51.13	13.735		
7,400.00	6,966.92	7,268.74	7,082.61	28.83	23.33	98.50	-701.57	-779.36	683.00	631.68	51.32	13.309		
7,500.00	6,976.11	7,160.90	7,023.78	30.30	22.08	94.23	-695.33	-689.35	666.80	615.01	51.79	12.875		
7,600.00	6,978.26	7,073.04	6,965.21	31.95	21.26	89.01	-689.28	-624.23	654.81	602.29	52.52	12.468		
7,700.00	6,980.41	7,005.33	6,914.31	33.78	20.72	84.42	-684.12	-579.94	649.89	596.54	53.35	12.181		
7,703.50	6,980.48	7,003.26	6,912.68	33.84	20.70	84.28	-683.95	-578.67	649.88	596.50	53.38	12.174		
7,800.00	6,982.56	6,952.67	6,871.64	35.76	20.35	80.59	-679.83	-549.39	654.80	600.70	54.10	12.105 SF		
7,900.00	6,984.70	6,911.06	6,836.23	37.87	20.09	77.44	-676.30	-527.83	670.96	616.35	54.61	12.287		
8,000.00	6,986.85	6,877.62	6,806.82	40.08	19.89	74.86	-673.38	-512.21	698.62	643.79	54.84	12.740		
8,100.00	6,989.00	6,850.00	6,781.93	42.39	19.74	72.71	-670.93	-500.50	737.15	682.35	54.80	13.452		
8,200.00	6,991.15	6,827.64	6,761.42	44.78	19.62	70.96	-668.91	-491.82	785.35	730.78	54.57	14.391		
8,300.00	6,993.30	6,800.00	6,735.67	47.23	19.49	68.81	-666.38	-482.10	841.92	787.76	54.16	15.546		
8,400.00	6,995.45	6,800.00	6,735.67	49.74	19.49	68.81	-666.38	-482.10	905.31	851.49	53.81	16.823		
8,500.00	6,997.60	6,778.42	6,715.29	52.29	19.39	67.13	-664.39	-475.29	974.34	921.02	53.31	18.276		
8,600.00	6,999.74	6,766.29	6,703.74	54.89	19.33	66.20	-663.26	-471.77	1,048.08	995.24	52.85	19.833		
8,700.00	7,001.89	6,750.00	6,688.12	57.52	19.26	64.95	-661.74	-467.40	1,125.66	1,073.29	52.37	21.493		

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1													Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	103.02	-41.54	179.59	184.33					
100.00	100.00	103.00	97.00	3.28	3.28	103.02	-41.54	179.59	184.33	176.81	7.53	24.488		
200.00	200.00	203.00	197.00	3.30	3.30	103.02	-41.54	179.59	184.33	176.76	7.57	24.352	CC, ES	
200.04	200.04	202.96	197.04	3.30	3.30	103.02	-41.54	179.59	184.33	176.76	7.57	24.352		
300.00	300.00	299.24	299.24	3.34	3.34	-165.62	-41.76	179.23	184.47	176.82	7.65	24.113		
400.00	399.93	403.97	403.90	3.41	3.40	-165.08	-43.73	176.08	185.36	177.59	7.77	23.870		
500.00	499.68	508.62	508.27	3.49	3.49	-164.00	-47.72	169.70	187.09	179.17	7.93	23.607		
600.00	599.13	613.12	612.14	3.60	3.61	-162.41	-53.72	160.10	189.78	181.64	8.13	23.332		
700.00	698.15	712.94	711.16	3.75	3.75	-160.82	-60.44	149.35	194.66	186.26	8.40	23.167		
800.00	796.63	812.51	809.93	3.93	3.92	-159.64	-67.14	138.62	202.95	194.22	8.72	23.267		
900.00	894.44	911.80	908.41	4.16	4.11	-158.85	-73.83	127.92	214.54	205.45	9.09	23.600		
1,000.00	991.57	1,010.74	1,006.55	4.44	4.32	-158.46	-80.49	117.26	228.97	219.47	9.50	24.094		
1,100.00	1,088.60	1,109.63	1,104.63	4.75	4.54	-158.20	-87.15	106.60	243.82	233.87	9.95	24.516		
1,200.00	1,185.63	1,208.52	1,202.72	5.10	4.78	-157.97	-93.81	95.95	258.67	248.25	10.42	24.825		
1,300.00	1,282.66	1,307.40	1,300.80	5.46	5.03	-157.76	-100.47	85.29	273.52	262.60	10.92	25.044		
1,400.00	1,379.69	1,406.29	1,398.89	5.85	5.29	-157.57	-107.12	74.63	288.38	276.93	11.45	25.192		
1,500.00	1,476.72	1,505.18	1,496.97	6.25	5.56	-157.41	-113.78	63.98	303.24	291.24	11.99	25.283		
1,600.00	1,573.75	1,604.06	1,595.06	6.66	5.83	-157.26	-120.44	53.32	318.10	305.54	12.56	25.332		
1,700.00	1,670.78	1,702.95	1,693.14	7.08	6.11	-157.12	-127.10	42.67	332.96	319.83	13.13	25.354		
1,800.00	1,767.81	1,801.83	1,791.23	7.31	6.26	-156.99	-133.76	32.01	347.82	334.76	13.07	26.613		
1,900.00	1,864.84	1,900.72	1,889.31	7.38	6.29	-156.87	-140.42	21.36	362.69	349.56	13.13	27.626		
2,000.00	1,961.87	2,000.39	1,987.40	7.48	6.35	-156.77	-147.07	10.70	377.56	364.33	13.23	28.543		
2,100.00	2,058.90	2,101.51	2,085.48	7.61	6.42	-156.67	-153.73	0.04	392.43	379.06	13.37	29.361		
2,200.00	2,155.92	2,202.62	2,183.57	7.77	6.50	-156.58	-160.39	-10.61	407.30	393.76	13.54	30.077		
2,300.00	2,252.95	2,303.73	2,281.65	7.96	6.61	-156.49	-167.05	-21.27	422.17	408.41	13.75	30.693		
2,400.00	2,349.98	2,404.85	2,379.74	8.17	6.73	-156.41	-173.71	-31.92	437.04	423.04	14.00	31.214		
2,500.00	2,447.01	2,505.96	2,477.82	8.41	6.87	-156.34	-180.37	-42.58	451.91	437.63	14.28	31.643		
2,600.00	2,544.04	2,607.08	2,575.91	8.66	7.02	-156.27	-187.03	-53.23	466.78	452.19	14.59	31.988		
2,700.00	2,641.07	2,691.81	2,673.99	8.94	7.16	-156.20	-193.68	-63.89	481.66	466.75	14.91	32.313		
2,800.00	2,738.10	2,809.30	2,772.07	9.23	7.37	-156.14	-200.34	-74.54	496.53	481.23	15.30	32.455		
2,900.00	2,835.13	2,889.58	2,870.16	9.54	7.52	-156.08	-207.00	-85.20	511.41	495.75	15.65	32.671		
3,000.00	2,932.16	2,988.47	2,968.24	9.86	7.71	-156.03	-213.66	-95.86	526.28	510.22	16.06	32.767		
3,100.00	3,029.19	3,087.36	3,066.33	10.20	7.92	-155.98	-220.32	-106.51	541.16	524.67	16.49	32.815		
3,200.00	3,126.22	3,186.24	3,164.41	10.55	8.13	-155.93	-226.98	-117.17	556.03	539.09	16.94	32.823		
3,300.00	3,223.25	3,285.13	3,262.50	10.91	8.35	-155.88	-233.64	-127.82	570.91	553.50	17.41	32.797		
3,400.00	3,320.28	3,384.01	3,360.58	11.28	8.58	-155.84	-240.29	-138.48	585.79	567.90	17.89	32.742		
3,500.00	3,417.31	3,482.90	3,458.67	11.66	8.82	-155.80	-246.95	-149.13	600.67	582.28	18.39	32.663		
3,600.00	3,514.34	3,581.79	3,556.75	12.05	9.06	-155.76	-253.61	-159.79	615.54	596.64	18.90	32.564		
3,700.00	3,611.37	3,680.67	3,654.84	12.44	9.31	-155.72	-260.27	-170.45	630.42	610.99	19.43	32.449		
3,800.00	3,708.40	3,779.56	3,752.92	12.84	9.57	-155.68	-266.93	-181.10	645.30	625.33	19.97	32.321		
3,900.00	3,805.43	3,878.45	3,851.01	13.25	9.83	-155.65	-273.59	-191.76	660.18	639.66	20.51	32.183		
4,000.00	3,902.46	3,977.33	3,949.09	13.66	10.10	-155.62	-280.24	-202.41	675.05	653.98	21.07	32.037		
4,100.00	3,999.49	4,076.22	4,047.18	14.08	10.37	-155.59	-286.90	-213.07	689.93	668.29	21.64	31.885		
4,200.00	4,096.52	4,175.10	4,145.26	14.50	10.64	-155.56	-293.56	-223.72	704.81	682.60	22.21	31.728		
4,300.00	4,193.55	4,273.99	4,243.35	14.92	10.92	-155.53	-300.22	-234.38	719.69	696.89	22.80	31.569		
4,400.00	4,290.58	4,372.88	4,341.43	15.35	11.20	-155.50	-306.88	-245.03	734.57	711.18	23.39	31.408		
4,500.00	4,387.61	4,471.76	4,439.52	15.78	11.49	-155.47	-313.54	-255.69	749.45	725.46	23.99	31.246		
4,600.00	4,484.63	4,570.65	4,537.60	16.22	11.77	-155.45	-320.20	-266.35	764.33	739.74	24.59	31.084		
4,700.00	4,581.66	4,669.54	4,635.68	16.66	12.06	-155.42	-326.85	-277.00	779.21	754.01	25.20	30.922		
4,800.00	4,678.69	4,768.42	4,733.77	17.10	12.36	-155.40	-333.51	-287.66	794.09	768.28	25.81	30.762		
4,900.00	4,775.72	4,867.31	4,831.85	17.55	12.65	-155.38	-340.17	-298.31	808.97	782.54	26.43	30.604		
5,000.00	4,872.75	4,966.19	4,929.94	17.99	12.95	-155.35	-346.83	-308.97	823.85	796.79	27.06	30.448		
5,100.00	4,969.78	5,065.08	5,028.02	18.44	13.25	-155.33	-353.49	-319.62	838.73	811.04	27.69	30.294		
5,200.00	5,066.81	5,163.97	5,126.11	18.89	13.55	-155.31	-360.15	-330.28	853.61	825.29	28.32	30.143		
5,300.00	5,163.84	5,262.85	5,224.19	19.35	13.86	-155.29	-366.80	-340.94	868.49	839.53	28.96	29.994		
5,400.00	5,260.87	5,361.74	5,322.28	19.80	14.16	-155.27	-373.46	-351.59	883.37	853.77	29.60	29.849		
5,500.00	5,357.90	5,460.63	5,420.36	20.26	14.47	-155.25	-380.12	-362.25	898.25	868.01	30.24	29.706		
5,600.00	5,454.93	5,559.51	5,518.45	20.71	14.78	-155.24	-386.78	-372.90	913.13	882.25	30.88	29.566		
5,700.00	5,551.96	5,658.40	5,616.53	21.17	15.09	-155.22	-393.44	-383.56	928.01	896.48	31.53	29.429		
5,800.00	5,648.99	5,757.28	5,714.62	21.63	15.40	-155.20	-400.10	-394.21	942.89	910.71	32.19	29.296		
5,900.00	5,746.02	5,856.17	5,812.70	22.09	15.71	-155.19	-406.76	-404.87	957.77	924.93	32.84	29.165		
6,000.00	5,843.05	5,955.06	5,910.79	22.56	16.03	-155.17	-413.41	-415.52	972.65	939.16	33.50	29.037		
6,100.00	5,940.08	6,053.94	6,008.87	23.02	16.34	-155.16	-420.07	-426.18	987.54	953.38	34.16	28.913		
6,200.00	6,037.11	7,514.78	6,838.22	23.49	33.57	-112.62	-479.52	-1,352.47	920.87	884.53	36.34	25.342		
6,300.00	6,134.14	7,539.04	6,838.24	23.95	34.16	-110.03	-479.61	-1,376.74	837.25	798.61	38.64	21.667		
6,400.00	6,231.54	7,561.62	6,838.26	24.36	34.71	-101.48	-479.69	-1,399.31	756.52	715.13	41.38	18.280		

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,331.02	7,570.87	6,838.26	24.51	34.94	-67.23	-479.73	-1,408.57	678.55	634.16	44.40	15.284	
6,600.00	6,430.70	7,564.45	6,838.26	24.59	34.78	94.88	-479.71	-1,402.15	606.70	559.06	47.63	12.737	
6,700.00	6,528.14	7,542.52	6,838.24	24.65	34.24	100.45	-479.62	-1,380.21	544.92	494.07	50.85	10.717	
6,800.00	6,620.94	7,505.61	6,838.21	24.74	33.35	101.48	-479.48	-1,343.30	496.76	443.18	53.58	9.272	
6,900.00	6,706.80	7,454.63	6,838.17	24.91	32.14	99.27	-479.29	-1,292.32	464.35	409.05	55.30	8.397	
7,000.00	6,783.62	7,409.16	6,838.12	25.23	31.08	94.71	-479.04	-1,228.53	447.41	391.32	56.09	7.977 SF	
7,095.21	6,846.63	7,319.63	6,838.06	25.72	29.08	89.10	-478.77	-1,157.33	443.00	388.06	54.95	8.062	
7,100.00	6,849.51	7,315.81	6,838.06	25.75	28.99	88.80	-478.76	-1,153.50	443.01	388.13	54.88	8.072	
7,200.00	6,902.84	7,232.24	6,837.76	26.52	27.22	82.76	-478.42	-1,069.94	446.51	393.01	53.50	8.346	
7,300.00	6,942.30	7,151.48	6,830.45	27.55	25.60	77.21	-477.63	-989.56	454.39	402.33	52.06	8.728	
7,400.00	6,966.92	7,074.45	6,814.07	28.83	24.17	72.05	-476.24	-914.36	465.35	414.56	50.79	9.162	
7,500.00	6,976.11	7,000.00	6,789.75	30.30	22.91	67.41	-474.33	-844.07	478.15	428.37	49.78	9.605	
7,600.00	6,978.26	6,931.44	6,760.24	31.95	21.89	63.93	-472.11	-782.26	495.30	446.31	48.99	10.110	
7,700.00	6,980.41	6,870.14	6,728.39	33.78	21.08	60.40	-469.77	-729.97	520.31	472.05	48.26	10.782	
7,800.00	6,982.56	6,816.21	6,696.32	35.76	20.44	57.06	-467.44	-686.69	553.83	506.24	47.59	11.637	
7,900.00	6,984.70	6,769.03	6,665.36	37.87	19.95	54.04	-465.22	-651.18	595.83	548.83	46.99	12.679	
8,000.00	6,986.85	6,727.85	6,636.25	40.08	19.56	51.38	-463.14	-622.13	645.75	599.27	46.48	13.894	
8,100.00	6,989.00	6,700.00	6,615.53	42.39	19.31	49.59	-461.67	-603.58	702.82	656.73	46.09	15.249	
8,200.00	6,991.15	6,660.35	6,584.68	44.78	18.99	47.07	-459.50	-578.78	765.81	720.16	45.65	16.776	
8,300.00	6,993.30	6,632.65	6,562.24	47.23	18.78	45.35	-457.92	-562.62	834.05	788.73	45.32	18.402	
8,400.00	6,995.45	6,600.00	6,534.91	49.74	18.55	43.37	-456.01	-544.85	906.70	861.70	45.00	20.148	
8,500.00	6,997.60	6,586.52	6,523.37	52.29	18.46	42.57	-455.21	-537.93	982.80	938.01	44.79	21.942	
8,600.00	6,999.74	6,567.20	6,506.59	54.89	18.34	41.44	-454.04	-528.44	1,062.00	1,017.43	44.57	23.828	
8,700.00	7,001.89	6,550.00	6,491.41	57.52	18.23	40.46	-452.99	-520.42	1,143.73	1,099.35	44.37	25.775	

Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-179.47	-60.11	-0.56	60.11					
100.00	100.00	100.00	100.00	3.28	3.28	-179.47	-60.11	-0.56	60.11	52.58	7.53	7.986		
200.00	200.00	200.00	200.00	3.30	3.30	-179.47	-60.11	-0.56	60.11	52.54	7.57	7.942		
254.74	254.74	254.74	254.74	3.32	3.32	-88.42	-60.11	-0.56	60.10	52.49	7.61	7.898	CC, ES	
300.00	300.00	299.60	299.60	3.34	3.34	-88.20	-60.27	-0.95	60.26	52.61	7.65	7.876		
400.00	399.93	398.79	398.72	3.41	3.40	-88.44	-61.56	-4.14	61.48	53.71	7.77	7.916		
500.00	499.68	497.95	497.64	3.49	3.48	-88.90	-64.13	-10.50	63.91	55.98	7.93	8.059		
600.00	599.13	597.05	596.20	3.60	3.59	-89.52	-67.97	-20.02	67.57	59.42	8.15	8.293		
700.00	698.15	696.07	694.27	3.75	3.73	-90.25	-73.09	-32.69	72.44	64.01	8.43	8.596		
800.00	796.63	795.00	791.72	3.93	3.91	-91.01	-79.47	-48.48	78.54	69.76	8.78	8.941		
900.00	894.44	893.81	888.41	4.16	4.14	-91.78	-87.10	-67.35	85.86	76.63	9.23	9.303		
1,000.00	991.57	1,007.36	984.36	4.44	4.46	-92.35	-95.95	-89.27	94.35	84.54	9.82	9.613		
1,100.00	1,088.60	1,092.24	1,080.76	4.75	4.74	-92.49	-105.33	-112.47	103.25	92.86	10.40	9.931		
1,200.00	1,185.63	1,208.16	1,177.17	5.10	5.15	-92.60	-114.70	-135.67	112.15	101.02	11.14	10.072		
1,300.00	1,282.66	1,308.56	1,273.58	5.46	5.53	-92.70	-124.07	-158.87	121.05	109.18	11.87	10.200		
1,400.00	1,379.69	1,408.95	1,369.99	5.85	5.93	-92.79	-133.45	-182.07	129.95	117.31	12.64	10.283		
1,500.00	1,476.72	1,509.35	1,466.40	6.25	6.35	-92.86	-142.82	-205.27	138.85	125.41	13.44	10.334		
1,600.00	1,573.75	1,590.25	1,562.81	6.66	6.69	-92.93	-152.19	-228.47	147.75	133.57	14.18	10.420		
1,700.00	1,670.78	1,689.86	1,659.22	7.08	7.13	-92.99	-161.57	-251.67	156.65	141.63	15.02	10.431		
1,800.00	1,767.81	1,789.46	1,755.63	7.31	7.39	-93.04	-170.94	-274.88	165.55	150.42	15.13	10.943		
1,900.00	1,864.84	1,889.06	1,852.03	7.38	7.48	-93.09	-180.31	-298.08	174.45	159.17	15.28	11.414		
2,000.00	1,961.87	1,988.67	1,948.44	7.48	7.58	-93.13	-189.69	-321.28	183.35	167.87	15.48	11.843		
2,100.00	2,058.90	2,088.27	2,044.85	7.61	7.72	-93.17	-199.06	-344.48	192.25	176.51	15.74	12.214		
2,200.00	2,155.92	2,187.87	2,141.26	7.77	7.88	-93.20	-208.44	-367.68	201.15	185.09	16.06	12.528		
2,300.00	2,252.95	2,287.47	2,237.67	7.96	8.07	-93.23	-217.81	-390.88	210.05	193.63	16.43	12.787		
2,400.00	2,349.98	2,387.08	2,334.08	8.17	8.29	-93.26	-227.18	-414.08	218.95	202.11	16.85	12.997		
2,500.00	2,447.01	2,486.68	2,430.49	8.41	8.53	-93.29	-236.56	-437.28	227.85	210.54	17.31	13.160		
2,600.00	2,544.04	2,586.28	2,526.89	8.66	8.80	-93.31	-245.93	-460.48	236.75	218.93	17.82	13.283		
2,700.00	2,641.07	2,685.89	2,623.30	8.94	9.08	-93.34	-255.30	-483.68	245.65	227.28	18.37	13.370		
2,800.00	2,738.10	2,785.49	2,719.71	9.23	9.38	-93.36	-264.68	-506.88	254.56	235.60	18.96	13.428		
2,900.00	2,835.13	2,885.09	2,816.12	9.54	9.70	-93.38	-274.05	-530.08	263.46	243.88	19.57	13.459		
3,000.00	2,932.16	2,984.70	2,912.53	9.86	10.04	-93.40	-283.43	-553.28	272.36	252.14	20.22	13.469		
3,100.00	3,029.19	3,084.30	3,008.94	10.20	10.39	-93.42	-292.80	-576.48	281.26	260.36	20.89	13.461		
3,200.00	3,126.22	3,183.90	3,105.35	10.55	10.75	-93.43	-302.17	-599.68	290.16	268.57	21.59	13.439		
3,300.00	3,223.25	3,283.51	3,201.75	10.91	11.12	-93.45	-311.55	-622.89	299.06	276.75	22.31	13.405		
3,400.00	3,320.28	3,383.11	3,298.16	11.28	11.50	-93.46	-320.92	-646.09	307.96	284.91	23.05	13.362		
3,500.00	3,417.31	3,482.71	3,394.57	11.66	11.89	-93.48	-330.29	-669.29	316.86	293.06	23.80	13.311		
3,600.00	3,514.34	3,582.31	3,490.98	12.05	12.29	-93.49	-339.67	-692.49	325.76	301.19	24.58	13.255		
3,700.00	3,611.37	3,681.92	3,587.39	12.44	12.70	-93.50	-349.04	-715.69	334.66	309.30	25.36	13.195		
3,800.00	3,708.40	3,781.52	3,683.80	12.84	13.11	-93.51	-358.41	-738.89	343.57	317.40	26.16	13.132		
3,900.00	3,805.43	3,881.12	3,780.21	13.25	13.53	-93.52	-367.79	-762.09	352.47	325.49	26.97	13.067		
4,000.00	3,902.46	3,980.73	3,876.62	13.66	13.96	-93.53	-377.16	-785.29	361.37	333.57	27.80	13.000		
4,100.00	3,999.49	4,080.33	3,973.02	14.08	14.39	-93.54	-386.54	-808.49	370.27	341.64	28.63	12.933		
4,200.00	4,096.52	4,179.93	4,069.43	14.50	14.82	-93.55	-395.91	-831.69	379.17	349.70	29.47	12.865		
4,300.00	4,193.55	4,279.54	4,165.84	14.92	15.26	-93.56	-405.28	-854.89	388.07	357.75	30.32	12.798		
4,400.00	4,290.58	4,379.14	4,262.25	15.35	15.71	-93.57	-414.66	-878.09	396.97	365.79	31.18	12.731		
4,500.00	4,387.61	4,478.74	4,358.66	15.78	16.15	-93.58	-424.03	-901.29	405.87	373.83	32.05	12.666		
4,600.00	4,484.63	4,578.34	4,455.07	16.22	16.60	-93.59	-433.40	-924.49	414.77	381.86	32.92	12.601		
4,700.00	4,581.66	4,677.95	4,551.48	16.66	17.06	-93.60	-442.78	-947.70	423.68	389.88	33.79	12.537		
4,800.00	4,678.69	4,777.55	4,647.88	17.10	17.51	-93.60	-452.15	-970.90	432.58	397.90	34.68	12.474		
4,900.00	4,775.72	4,877.15	4,744.29	17.55	17.97	-93.61	-461.53	-994.10	441.48	405.91	35.57	12.413		
5,000.00	4,872.75	4,976.76	4,840.70	17.99	18.43	-93.62	-470.90	-1,017.30	450.38	413.92	36.46	12.353		
5,100.00	4,969.78	5,076.36	4,937.11	18.44	18.90	-93.62	-480.27	-1,040.50	459.28	421.93	37.36	12.295		
5,200.00	5,066.81	5,175.96	5,033.52	18.89	19.36	-93.63	-489.65	-1,063.70	468.18	429.93	38.26	12.238		
5,300.00	5,163.84	5,275.57	5,129.93	19.35	19.83	-93.64	-499.02	-1,086.90	477.08	437.92	39.16	12.183		
5,400.00	5,260.87	5,375.17	5,226.34	19.80	20.30	-93.64	-508.39	-1,110.10	485.98	445.91	40.07	12.128		
5,500.00	5,357.90	5,474.77	5,322.75	20.26	20.77	-93.65	-517.77	-1,133.30	494.89	453.90	40.98	12.076		
5,600.00	5,454.93	5,574.38	5,419.15	20.71	21.24	-93.65	-527.14	-1,156.50	503.79	461.89	41.90	12.025		
5,700.00	5,551.96	5,673.98	5,515.56	21.17	21.71	-93.66	-536.51	-1,179.70	512.69	469.87	42.81	11.975		
5,800.00	5,648.99	5,773.58	5,611.97	21.63	22.19	-93.66	-545.89	-1,202.90	521.59	477.86	43.73	11.926		
5,900.00	5,746.02	5,873.18	5,708.38	22.09	22.66	-93.67	-555.26	-1,226.10	530.49	485.83	44.66	11.879		
6,000.00	5,843.05	5,972.79	5,804.79	22.56	23.14	-93.67	-564.64	-1,249.30	539.39	493.81	45.58	11.833		
6,100.00	5,940.08	6,072.39	5,901.20	23.02	23.62	-93.68	-574.01	-1,272.50	548.29	501.78	46.51	11.789		
6,200.00	6,037.11	6,171.99	5,997.61	23.49	24.10	-93.68	-583.38	-1,295.71	557.19	509.76	47.44	11.745		
6,300.00	6,134.14	6,271.60	6,094.01	23.95	24.58	-93.69	-592.76	-1,318.91	566.10	517.72	48.37	11.703		
6,400.00	6,231.54	6,371.17	6,190.40	24.36	25.06	-93.28	-602.13	-1,342.10	574.84	525.61	49.23	11.677		

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,331.02	6,469.65	6,285.71	24.51	25.54	-70.52	-611.40	-1,365.04	582.53	532.79	49.73	11.713	
6,600.00	6,430.70	6,564.67	6,377.69	24.59	26.00	85.22	-620.34	-1,387.17	589.94	539.95	49.99	11.801	
6,700.00	6,528.14	6,656.21	6,467.05	24.65	26.27	89.21	-629.05	-1,404.70	598.96	549.08	49.88	12.009	
6,800.00	6,620.94	6,752.91	6,563.08	24.74	26.41	92.35	-638.48	-1,409.41	610.40	560.79	49.61	12.304	
6,900.00	6,706.80	6,856.92	6,665.86	24.91	26.49	95.25	-648.67	-1,398.12	623.95	574.58	49.37	12.639	
7,000.00	6,783.62	6,969.98	6,773.86	25.23	26.55	98.00	-659.47	-1,366.99	639.00	589.73	49.27	12.970	
7,100.00	6,849.51	7,094.00	6,883.93	25.75	26.66	100.60	-670.61	-1,311.41	654.63	605.15	49.47	13.232	
7,200.00	6,902.84	7,230.65	6,990.26	26.52	26.94	102.96	-681.53	-1,226.69	669.60	619.35	50.24	13.327	
7,300.00	6,942.30	7,380.70	7,083.34	27.55	27.60	104.95	-691.32	-1,109.85	682.42	630.49	51.93	13.141	
7,400.00	6,966.92	7,542.93	7,150.40	28.83	28.88	106.35	-698.71	-962.80	691.54	636.68	54.85	12.607	
7,500.00	6,976.11	7,713.20	7,178.72	30.30	30.88	106.95	-702.39	-795.45	695.64	636.68	58.96	11.799	
7,600.00	6,978.26	7,817.51	7,180.73	31.95	32.42	106.92	-703.14	-691.17	696.12	633.98	62.15	11.201	
7,700.00	6,980.41	7,917.51	7,182.58	33.78	34.09	106.88	-703.86	-591.19	696.59	631.01	65.59	10.621	
7,800.00	6,982.56	8,017.51	7,184.43	35.76	35.94	106.84	-704.57	-491.21	697.06	627.73	69.33	10.055	
7,900.00	6,984.70	8,117.50	7,186.27	37.87	37.95	106.81	-705.28	-391.23	697.53	624.20	73.33	9.513	
8,000.00	6,986.85	8,217.50	7,188.12	40.08	40.08	106.77	-706.00	-291.25	697.99	620.45	77.54	9.001	
8,100.00	6,989.00	8,317.50	7,189.97	42.39	42.31	106.73	-706.71	-191.27	698.46	616.52	81.94	8.524	
8,200.00	6,991.15	8,417.50	7,191.81	44.78	44.64	106.69	-707.42	-91.30	698.93	612.43	86.50	8.080	
8,300.00	6,993.30	8,517.50	7,193.66	47.23	47.04	106.66	-708.14	8.68	699.40	608.20	91.19	7.669	
8,400.00	6,995.45	8,617.49	7,195.51	49.74	49.51	106.62	-708.85	108.66	699.87	603.87	96.00	7.290	
8,500.00	6,997.60	8,717.49	7,197.35	52.29	52.03	106.58	-709.56	208.64	700.33	599.43	100.90	6.941	
8,600.00	6,999.74	8,817.49	7,199.20	54.89	54.59	106.55	-710.28	308.62	700.80	594.92	105.89	6.618	
8,700.00	7,001.89	8,917.49	7,201.05	57.52	57.20	106.51	-710.99	408.60	701.27	590.32	110.95	6.321	
8,800.00	7,004.04	9,017.48	7,202.90	60.18	59.84	106.47	-711.70	508.57	701.74	585.67	116.07	6.046	
8,900.00	7,006.19	9,117.48	7,204.74	62.87	62.51	106.43	-712.42	608.55	702.21	580.96	121.25	5.791	
9,000.00	7,008.34	9,217.48	7,206.59	65.58	65.20	106.40	-713.13	708.53	702.68	576.20	126.48	5.555	
9,100.00	7,010.49	9,317.48	7,208.44	68.32	67.92	106.36	-713.84	808.51	703.15	571.40	131.76	5.337	
9,200.00	7,012.63	9,417.48	7,210.28	71.07	70.66	106.32	-714.56	908.49	703.63	566.55	137.07	5.133	
9,300.00	7,014.78	9,517.47	7,212.13	73.84	73.42	106.29	-715.27	1,008.46	704.10	561.68	142.42	4.944	
9,400.00	7,016.93	9,617.47	7,213.98	76.62	76.19	106.25	-715.98	1,108.44	704.57	556.77	147.80	4.767	
9,500.00	7,019.08	9,717.47	7,215.82	79.42	78.98	106.21	-716.70	1,208.42	705.04	551.84	153.20	4.602	
9,600.00	7,021.23	9,817.47	7,217.67	82.22	81.78	106.18	-717.41	1,308.40	705.51	546.88	158.64	4.447	
9,700.00	7,023.38	9,917.47	7,219.52	85.04	84.59	106.14	-718.12	1,408.38	705.98	541.89	164.09	4.302	
9,800.00	7,025.52	10,017.46	7,221.36	87.87	87.41	106.10	-718.84	1,508.36	706.46	536.89	169.57	4.166	
9,900.00	7,027.67	10,117.46	7,223.21	90.71	90.24	106.07	-719.55	1,608.33	706.93	531.87	175.06	4.038	
10,000.00	7,029.82	10,217.46	7,225.06	93.55	93.08	106.03	-720.26	1,708.31	707.40	526.83	180.58	3.917	
10,100.00	7,031.97	10,317.46	7,226.91	96.40	95.92	105.99	-720.98	1,808.29	707.88	521.77	186.10	3.804	
10,200.00	7,034.12	10,417.45	7,228.75	99.26	98.78	105.96	-721.69	1,908.27	708.35	516.70	191.65	3.696	
10,300.00	7,036.27	10,517.45	7,230.60	102.13	101.64	105.92	-722.40	2,008.25	708.83	511.62	197.21	3.594	
10,400.00	7,038.42	10,617.45	7,232.45	104.99	104.50	105.89	-723.12	2,108.23	709.30	506.52	202.78	3.498	
10,500.00	7,040.56	10,717.45	7,234.29	107.87	107.37	105.85	-723.83	2,208.20	709.77	501.42	208.36	3.407	
10,600.00	7,042.71	10,817.45	7,236.14	110.75	110.25	105.81	-724.54	2,308.18	710.25	496.30	213.95	3.320	
10,700.00	7,044.86	10,917.44	7,237.99	113.63	113.13	105.78	-725.26	2,408.16	710.73	491.17	219.56	3.237	
10,800.00	7,047.01	11,017.44	7,239.83	116.52	116.02	105.74	-725.97	2,508.14	711.20	486.03	225.17	3.159	
10,900.00	7,049.16	11,117.44	7,241.68	119.41	118.90	105.71	-726.68	2,608.12	711.68	480.88	230.79	3.084	
11,000.00	7,051.31	11,217.44	7,243.53	122.30	121.80	105.67	-727.40	2,708.10	712.15	475.73	236.42	3.012	
11,100.00	7,053.45	11,317.44	7,245.37	125.20	124.69	105.63	-728.11	2,808.07	712.63	470.57	242.06	2.944	
11,200.00	7,055.60	11,417.43	7,247.22	128.10	127.59	105.60	-728.82	2,908.05	713.11	465.40	247.71	2.879	
11,300.00	7,057.75	11,517.43	7,249.07	131.01	130.49	105.56	-729.54	3,008.03	713.58	460.22	253.36	2.816	
11,400.00	7,059.90	11,617.43	7,250.92	133.91	133.40	105.53	-730.25	3,108.01	714.06	455.04	259.02	2.757	
11,500.00	7,062.05	11,717.43	7,252.76	136.82	136.31	105.49	-730.96	3,207.99	714.54	449.85	264.69	2.700	
11,600.00	7,064.20	11,817.42	7,254.61	139.73	139.22	105.45	-731.68	3,307.97	715.02	444.65	270.37	2.645	
11,700.00	7,066.34	11,917.42	7,256.46	142.65	142.13	105.42	-732.39	3,407.94	715.49	439.45	276.04	2.592	
11,800.00	7,068.49	12,017.42	7,258.30	145.56	145.04	105.38	-733.10	3,507.92	715.97	434.24	281.73	2.541	
11,900.00	7,070.64	12,117.42	7,260.15	148.48	147.96	105.35	-733.82	3,607.90	716.45	429.03	287.42	2.493	
12,000.00	7,072.79	12,217.42	7,262.00	151.40	150.88	105.31	-734.53	3,707.88	716.93	423.81	293.12	2.446	
12,100.00	7,074.94	12,317.41	7,263.84	154.32	153.80	105.28	-735.24	3,807.86	717.41	418.59	298.82	2.401	
12,200.00	7,077.09	12,417.41	7,265.69	157.24	156.72	105.24	-735.96	3,907.83	717.89	413.37	304.52	2.357	
12,300.00	7,079.24	12,517.41	7,267.54	160.16	159.64	105.21	-736.67	4,007.81	718.37	408.14	310.23	2.316	
12,400.00	7,081.38	12,617.41	7,269.38	163.09	162.57	105.17	-737.38	4,107.79	718.85	402.90	315.95	2.275	
12,500.00	7,083.53	12,717.41	7,271.23	166.01	165.49	105.14	-738.10	4,207.77	719.33	397.66	321.67	2.236	
12,600.00	7,085.68	12,817.40	7,273.08	168.94	168.42	105.10	-738.81	4,307.75	719.81	392.42	327.39	2.199	
12,700.00	7,087.83	12,917.40	7,274.93	171.87	171.35	105.07	-739.52	4,407.73	720.29	387.17	333.12	2.162	
12,800.00	7,089.98	13,017.40	7,276.77	174.80	174.28	105.03	-740.24	4,507.70	720.77	381.92	338.85	2.127	
12,900.00	7,092.13	13,117.40	7,278.62	177.73	177.21	104.99	-740.95	4,607.68	721.25	376.67	344.58	2.093	
13,000.00	7,094.27	13,217.39	7,280.47	180.66	180.14	104.96	-741.66	4,707.66	721.73	371.42	350.32	2.060	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1										Offset Site Error: 0.00 usft			
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error: 3.28 usft			
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	7,096.42	13,317.39	7,282.31	183.60	183.08	104.92	-742.38	4,807.64	722.22	366.16	356.06	2.028	
13,200.00	7,098.57	13,417.39	7,284.16	186.53	186.01	104.89	-743.09	4,907.62	722.70	360.89	361.81	1.997	
13,300.00	7,100.72	13,517.39	7,286.01	189.47	188.95	104.86	-743.80	5,007.60	723.18	355.63	367.55	1.968	
13,400.00	7,102.87	13,617.39	7,287.85	192.40	191.88	104.82	-744.52	5,107.57	723.66	350.36	373.30	1.939	
13,500.00	7,105.02	13,722.82	7,289.80	195.34	194.98	104.79	-745.18	5,212.98	724.08	344.87	379.22	1.909	
13,600.00	7,107.17	13,826.06	7,291.71	198.28	198.00	104.77	-744.67	5,316.21	723.39	338.38	385.01	1.879	
13,700.00	7,109.31	13,926.06	7,293.55	201.21	200.94	104.76	-744.14	5,416.19	722.67	331.94	390.73	1.850	
13,800.00	7,111.46	14,026.06	7,295.40	204.15	203.87	104.76	-743.62	5,516.17	721.96	325.51	396.45	1.821	
13,900.00	7,113.61	14,126.06	7,297.25	207.09	206.81	104.75	-743.09	5,616.15	721.24	319.07	402.17	1.793	
14,000.00	7,115.76	14,226.05	7,299.09	210.03	209.75	104.74	-742.56	5,716.13	720.53	312.64	407.89	1.766	
14,100.00	7,117.91	14,326.05	7,300.94	212.97	212.68	104.73	-742.03	5,816.11	719.81	306.20	413.61	1.740	
14,200.00	7,120.06	14,426.05	7,302.79	215.91	215.62	104.72	-741.51	5,916.09	719.09	299.76	419.34	1.715	
14,300.00	7,122.20	14,526.05	7,304.64	218.86	218.56	104.71	-740.98	6,016.06	718.38	293.31	425.07	1.690	
14,400.00	7,124.35	14,626.04	7,306.48	221.80	221.50	104.70	-740.45	6,116.04	717.66	286.87	430.79	1.666	
14,500.00	7,126.50	14,726.04	7,308.33	224.74	224.44	104.69	-739.93	6,216.02	716.95	280.42	436.52	1.642	
14,600.00	7,128.65	14,826.04	7,310.18	227.69	227.38	104.68	-739.40	6,316.00	716.23	273.98	442.26	1.619	
14,700.00	7,130.80	14,926.04	7,312.02	230.63	230.32	104.67	-738.87	6,415.98	715.52	267.53	447.99	1.597	
14,800.00	7,132.95	15,026.03	7,313.87	233.57	233.27	104.66	-738.35	6,515.96	714.80	261.08	453.72	1.575	
14,900.00	7,135.09	15,126.03	7,315.72	236.52	236.21	104.65	-737.82	6,615.94	714.08	254.62	459.46	1.554	
15,000.00	7,137.24	15,226.03	7,317.56	239.46	239.15	104.64	-737.29	6,715.92	713.37	248.17	465.20	1.533	
15,100.00	7,139.39	15,326.02	7,319.41	242.41	242.09	104.63	-736.77	6,815.90	712.65	241.72	470.94	1.513	
15,200.00	7,141.54	15,426.02	7,321.26	245.36	245.04	104.62	-736.24	6,915.88	711.94	235.26	476.68	1.494 Level 3	
15,300.00	7,143.69	15,526.02	7,323.10	248.30	247.98	104.61	-735.71	7,015.85	711.22	228.81	482.42	1.474 Level 3	
15,400.00	7,145.84	15,626.02	7,324.95	251.25	250.93	104.60	-735.19	7,115.83	710.51	222.35	488.16	1.455 Level 3	
15,500.00	7,147.99	15,726.01	7,326.80	254.20	253.87	104.59	-734.66	7,215.81	709.79	215.89	493.90	1.437 Level 3	
15,600.00	7,150.13	15,826.01	7,328.64	257.15	256.82	104.58	-734.13	7,315.79	709.08	209.43	499.65	1.419 Level 3	
15,700.00	7,152.28	15,926.01	7,330.49	260.09	259.76	104.57	-733.61	7,415.77	708.36	202.97	505.39	1.402 Level 3	
15,800.00	7,154.43	16,026.01	7,332.34	263.04	262.71	104.56	-733.08	7,515.75	707.64	196.50	511.14	1.384 Level 3	
15,900.00	7,156.58	16,126.00	7,334.19	265.99	265.66	104.55	-732.55	7,615.73	706.93	190.04	516.89	1.368 Level 3	
16,000.00	7,158.73	16,226.00	7,336.03	268.94	268.60	104.54	-732.03	7,715.71	706.21	183.57	522.64	1.351 Level 3	
16,100.00	7,160.88	16,326.00	7,337.88	271.89	271.55	104.52	-731.50	7,815.69	705.50	177.11	528.39	1.335 Level 3	
16,200.00	7,163.02	16,426.00	7,339.73	274.84	274.50	104.51	-730.97	7,915.66	704.78	170.64	534.14	1.319 Level 3	
16,300.00	7,165.17	16,525.99	7,341.57	277.79	277.44	104.50	-730.45	8,015.64	704.07	164.17	539.89	1.304 Level 3	
16,400.00	7,167.32	16,625.99	7,343.42	280.74	280.39	104.49	-729.92	8,115.62	703.35	157.70	545.65	1.289 Level 3	
16,500.00	7,169.47	16,725.99	7,345.27	283.69	283.34	104.48	-729.39	8,215.60	702.64	151.23	551.40	1.274 Level 3	
16,600.00	7,171.62	16,825.99	7,347.11	286.64	286.29	104.47	-728.86	8,315.58	701.92	144.76	557.16	1.260 Level 3	
16,700.00	7,173.77	16,925.98	7,348.96	289.59	289.24	104.46	-728.34	8,415.56	701.21	138.29	562.92	1.246 Level 2	
16,800.00	7,175.91	17,025.98	7,350.81	292.54	292.19	104.45	-727.81	8,515.54	700.49	131.82	568.67	1.232 Level 2	
16,900.00	7,178.06	17,125.98	7,352.65	295.50	295.13	104.44	-727.28	8,615.52	699.78	125.34	574.43	1.218 Level 2	
17,000.00	7,180.21	17,225.97	7,354.50	298.45	298.08	104.43	-726.76	8,715.50	699.06	118.87	580.19	1.205 Level 2	
17,100.00	7,182.36	17,325.97	7,356.35	301.40	301.03	104.42	-726.23	8,815.47	698.35	112.39	585.95	1.192 Level 2	
17,200.00	7,184.51	17,425.97	7,358.19	304.35	303.98	104.41	-725.70	8,915.45	697.63	105.91	591.72	1.179 Level 2	
17,300.00	7,186.66	17,525.97	7,360.04	307.30	306.93	104.40	-725.18	9,015.43	696.92	99.44	597.48	1.166 Level 2	
17,400.00	7,188.81	17,625.96	7,361.89	310.26	309.88	104.39	-724.65	9,115.41	696.20	92.96	603.24	1.154 Level 2	
17,455.61	7,190.00	17,681.57	7,362.91	311.90	311.52	104.38	-724.36	9,171.01	695.80	89.36	606.45	1.147 Level 2, SF	

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)	+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	32.54	7.53	5.323	
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.50	7.57	5.294	
254.74	254.74	254.74	254.74	3.32	3.32	-88.68	-40.07	-0.28	40.06	32.45	7.61	5.265 CC	
300.00	300.00	299.84	299.84	3.34	3.34	-88.32	-40.17	-0.70	40.16	32.51	7.65	5.248	
400.00	399.93	399.52	399.45	3.41	3.40	-88.45	-40.94	-4.08	40.85	33.08	7.77	5.258	
500.00	499.68	499.18	498.87	3.49	3.49	-88.69	-42.49	-10.84	42.25	34.31	7.93	5.324	
600.00	599.13	598.83	597.97	3.60	3.60	-89.03	-44.80	-20.95	44.34	36.18	8.16	5.436	
700.00	698.15	698.45	696.62	3.75	3.74	-89.43	-47.89	-34.42	47.12	38.68	8.44	5.582	
800.00	796.63	798.04	794.71	3.93	3.92	-89.87	-51.74	-51.22	50.60	41.79	8.80	5.748	
900.00	894.44	897.60	892.10	4.16	4.15	-90.31	-56.34	-71.32	54.76	45.51	9.26	5.916	
1,000.00	991.57	1,002.74	988.89	4.44	4.45	-90.63	-61.64	-94.48	59.56	49.73	9.83	6.062	
1,100.00	1,088.60	1,102.86	1,085.73	4.75	4.77	-90.78	-67.09	-118.28	64.48	54.02	10.46	6.166	
1,200.00	1,185.63	1,202.98	1,182.58	5.10	5.12	-90.90	-72.55	-142.08	69.40	58.25	11.14	6.227	
1,300.00	1,282.66	1,303.10	1,279.43	5.46	5.49	-91.02	-78.00	-165.88	74.31	62.44	11.88	6.257	
1,400.00	1,379.69	1,403.22	1,376.28	5.85	5.88	-91.11	-83.45	-189.68	79.23	66.59	12.64	6.266	
1,500.00	1,476.72	1,503.34	1,473.13	6.25	6.28	-91.20	-88.90	-213.48	84.15	70.71	13.44	6.260	
1,600.00	1,573.75	1,603.47	1,569.98	6.66	6.70	-91.28	-94.35	-237.28	89.07	74.81	14.26	6.244	
1,700.00	1,670.78	1,703.59	1,666.82	7.08	7.12	-91.35	-99.80	-261.08	93.99	78.89	15.10	6.224	
1,800.00	1,767.81	1,803.71	1,763.67	7.31	7.36	-91.41	-105.25	-284.88	98.91	83.72	15.19	6.513	
1,900.00	1,864.84	1,903.83	1,860.52	7.38	7.43	-91.46	-110.70	-308.68	103.83	88.50	15.33	6.774	
2,000.00	1,961.87	2,003.95	1,957.37	7.48	7.53	-91.52	-116.15	-332.48	108.75	93.22	15.53	7.003	
2,100.00	2,058.90	2,104.07	2,054.22	7.61	7.67	-91.56	-121.60	-356.28	113.67	97.88	15.79	7.197	
2,200.00	2,155.92	2,204.19	2,151.07	7.77	7.83	-91.61	-127.06	-380.08	118.59	102.48	16.11	7.359	
2,300.00	2,252.95	2,304.31	2,247.91	7.96	8.02	-91.64	-132.51	-403.88	123.51	107.02	16.49	7.490	
2,400.00	2,349.98	2,404.43	2,344.76	8.17	8.24	-91.68	-137.96	-427.68	128.43	111.52	16.91	7.593	
2,500.00	2,447.01	2,504.56	2,441.61	8.41	8.48	-91.71	-143.41	-451.48	133.35	115.96	17.39	7.670	
2,600.00	2,544.04	2,604.68	2,538.46	8.66	8.74	-91.75	-148.86	-475.28	138.27	120.37	17.90	7.725	
2,700.00	2,641.07	2,704.80	2,635.31	8.94	9.02	-91.78	-154.31	-499.08	143.19	124.74	18.45	7.760	
2,800.00	2,738.10	2,795.08	2,732.16	9.23	9.29	-91.80	-159.76	-522.88	148.11	129.10	19.01	7.791	
2,900.00	2,835.13	2,905.04	2,829.01	9.54	9.64	-91.83	-165.21	-546.69	153.03	133.37	19.66	7.783	
3,000.00	2,932.16	3,005.16	2,925.85	9.86	9.97	-91.85	-170.66	-570.49	157.95	137.64	20.31	7.776	
3,100.00	3,029.19	3,105.28	3,022.70	10.20	10.31	-91.87	-176.11	-594.29	162.87	141.88	20.99	7.760	
3,200.00	3,126.22	3,205.40	3,119.55	10.55	10.66	-91.90	-181.57	-618.09	167.79	146.10	21.69	7.737	
3,300.00	3,223.25	3,305.52	3,216.40	10.91	11.03	-91.92	-187.02	-641.89	172.71	150.30	22.41	7.707	
3,400.00	3,320.28	3,405.65	3,313.25	11.28	11.41	-91.93	-192.47	-665.69	177.63	154.48	23.15	7.673	
3,500.00	3,417.31	3,505.77	3,410.10	11.66	11.79	-91.95	-197.92	-689.49	182.55	158.64	23.91	7.635	
3,600.00	3,514.34	3,605.89	3,506.94	12.05	12.19	-91.97	-203.37	-713.29	187.47	162.79	24.68	7.595	
3,700.00	3,611.37	3,706.01	3,603.79	12.44	12.59	-91.98	-208.82	-737.09	192.39	166.92	25.47	7.553	
3,800.00	3,708.40	3,806.13	3,700.64	12.84	12.99	-92.00	-214.27	-760.89	197.31	171.04	26.28	7.509	
3,900.00	3,805.43	3,893.75	3,797.49	13.25	13.35	-92.01	-219.72	-784.69	202.23	175.19	27.04	7.479	
4,000.00	3,902.46	4,006.37	3,894.34	13.66	13.83	-92.03	-225.17	-808.49	207.15	179.24	27.92	7.421	
4,100.00	3,999.49	4,108.49	3,991.19	14.08	14.25	-92.04	-230.62	-832.29	212.07	183.32	28.75	7.376	
4,200.00	4,096.52	4,206.62	4,088.04	14.50	14.68	-92.05	-236.08	-856.09	216.99	187.40	29.59	7.332	
4,300.00	4,193.55	4,306.74	4,184.88	14.92	15.11	-92.07	-241.53	-879.89	221.91	191.47	30.45	7.288	
4,400.00	4,290.58	4,406.86	4,281.73	15.35	15.55	-92.08	-246.98	-903.69	226.84	195.53	31.31	7.245	
4,500.00	4,387.61	4,506.98	4,378.58	15.78	15.98	-92.09	-252.43	-927.49	231.76	199.58	32.17	7.203	
4,600.00	4,484.63	4,607.10	4,475.43	16.22	16.43	-92.10	-257.88	-951.29	236.68	203.63	33.05	7.162	
4,700.00	4,581.66	4,707.22	4,572.28	16.66	16.87	-92.11	-263.33	-975.09	241.60	207.67	33.93	7.121	
4,800.00	4,678.69	4,807.34	4,669.13	17.10	17.32	-92.12	-268.78	-998.89	246.52	211.70	34.81	7.081	
4,900.00	4,775.72	4,892.54	4,765.97	17.55	17.71	-92.13	-274.23	-1,022.69	251.44	215.80	35.64	7.056	
5,000.00	4,872.75	5,007.58	4,862.82	17.99	18.23	-92.14	-279.68	-1,046.49	256.36	219.76	36.60	7.005	
5,100.00	4,969.78	5,107.71	4,959.67	18.44	18.68	-92.15	-285.13	-1,070.29	261.28	223.78	37.50	6.968	
5,200.00	5,066.81	5,207.83	5,056.52	18.89	19.14	-92.15	-290.59	-1,094.09	266.20	227.80	38.40	6.932	
5,300.00	5,163.84	5,307.95	5,153.37	19.35	19.60	-92.16	-296.04	-1,117.89	271.12	231.81	39.31	6.898	
5,400.00	5,260.87	5,408.07	5,250.22	19.80	20.06	-92.17	-301.49	-1,141.69	276.04	235.82	40.22	6.864	
5,500.00	5,357.90	5,508.19	5,347.07	20.26	20.52	-92.18	-306.94	-1,165.49	280.96	239.83	41.13	6.831	
5,600.00	5,454.93	5,608.31	5,443.91	20.71	20.99	-92.18	-312.39	-1,189.29	285.88	243.83	42.05	6.799	
5,700.00	5,551.96	5,708.43	5,540.76	21.17	21.45	-92.19	-317.84	-1,213.09	290.80	247.83	42.97	6.768	
5,800.00	5,648.99	5,808.55	5,637.61	21.63	21.92	-92.20	-323.29	-1,236.89	295.72	251.83	43.89	6.738	
5,900.00	5,746.02	5,891.33	5,734.46	22.09	22.31	-92.20	-328.74	-1,260.69	300.64	255.91	44.73	6.721	
6,000.00	5,843.05	5,991.20	5,831.31	22.56	22.78	-92.21	-334.19	-1,284.49	305.56	259.90	45.66	6.692	
6,100.00	5,940.08	6,108.92	5,928.16	23.02	23.33	-92.22	-339.64	-1,308.29	310.48	263.81	46.67	6.653	
6,200.00	6,037.11	6,209.04	6,025.00	23.49	23.80	-92.22	-345.10	-1,332.09	315.40	267.80	47.60	6.626	
6,300.00	6,134.14	6,309.16	6,121.85	23.95	24.27	-92.23	-350.55	-1,355.89	320.32	271.79	48.53	6.600	
6,400.00	6,231.54	6,390.68	6,218.67	24.36	24.66	-91.53	-356.00	-1,379.69	325.14	275.83	49.31	6.594	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
6,500.00	6,331.02	6,488.46	6,313.82	24.51	25.02	-67.65	-361.37	-1,401.41	329.52	279.84	49.68	6.633	
6,600.00	6,430.70	6,586.25	6,410.93	24.59	25.17	88.18	-367.00	-1,410.46	334.62	284.89	49.72	6.730	
6,700.00	6,528.14	6,686.48	6,510.68	24.65	25.26	91.56	-372.97	-1,404.17	340.49	290.84	49.65	6.857	
6,800.00	6,620.94	6,789.35	6,610.72	24.74	25.32	93.97	-379.14	-1,381.52	346.96	297.38	49.58	6.998	
6,900.00	6,706.80	6,894.98	6,708.27	24.91	25.40	96.02	-385.35	-1,341.79	353.77	304.14	49.63	7.128	
7,000.00	6,783.62	7,003.45	6,800.19	25.23	25.57	97.78	-391.43	-1,284.77	360.61	310.68	49.93	7.222	
7,100.00	6,849.51	7,114.69	6,883.02	25.75	25.92	99.27	-397.16	-1,210.96	367.15	316.48	50.66	7.247	
7,200.00	6,902.84	7,228.50	6,953.17	26.52	26.53	100.45	-402.32	-1,121.68	373.02	321.03	51.98	7.176	
7,300.00	6,942.30	7,344.53	7,007.21	27.55	27.48	101.31	-406.68	-1,019.27	377.89	323.89	54.00	6.998	
7,400.00	6,966.92	7,462.26	7,042.16	28.83	28.80	101.84	-410.02	-907.07	381.49	324.77	56.72	6.726	
7,500.00	6,976.11	7,581.03	7,055.95	30.30	30.42	102.03	-412.18	-789.30	383.60	323.61	59.99	6.394	
7,600.00	6,978.26	7,681.41	7,057.92	31.95	32.01	101.97	-413.43	-688.95	384.65	321.44	63.22	6.084	
7,700.00	6,980.41	7,781.41	7,059.87	33.78	33.78	101.91	-414.69	-588.98	385.71	318.93	66.78	5.776	
7,800.00	6,982.56	7,881.40	7,061.83	35.76	35.71	101.84	-415.94	-489.01	386.76	316.12	70.65	5.475	
7,900.00	6,984.70	7,981.39	7,063.79	37.87	37.78	101.78	-417.19	-389.05	387.82	313.05	74.77	5.187	
8,000.00	6,986.85	8,081.39	7,065.74	40.08	39.97	101.72	-418.44	-289.08	388.88	309.76	79.11	4.916	
8,100.00	6,989.00	8,181.38	7,067.70	42.39	42.25	101.66	-419.70	-189.11	389.93	306.29	83.64	4.662	
8,200.00	6,991.15	8,281.37	7,069.65	44.78	44.61	101.60	-420.95	-89.15	390.99	302.67	88.32	4.427	
8,300.00	6,993.30	8,381.37	7,071.61	47.23	47.05	101.54	-422.20	10.82	392.05	298.91	93.14	4.209	
8,400.00	6,995.45	8,481.36	7,073.57	49.74	49.54	101.48	-423.45	110.79	393.10	295.04	98.07	4.009	
8,500.00	6,997.60	8,581.35	7,075.52	52.29	52.09	101.42	-424.71	210.75	394.16	291.07	103.09	3.823	
8,600.00	6,999.74	8,681.35	7,077.48	54.89	54.67	101.36	-425.96	310.72	395.22	287.02	108.20	3.653	
8,700.00	7,001.89	8,781.34	7,079.43	57.52	57.30	101.30	-427.21	410.69	396.28	282.89	113.39	3.495	
8,800.00	7,004.04	8,881.33	7,081.39	60.18	59.95	101.24	-428.46	510.65	397.34	278.70	118.63	3.349	
8,900.00	7,006.19	8,981.33	7,083.35	62.87	62.64	101.18	-429.72	610.62	398.40	274.46	123.94	3.215	
9,000.00	7,008.34	9,081.32	7,085.30	65.58	65.35	101.13	-430.97	710.59	399.46	270.17	129.29	3.090	
9,100.00	7,010.49	9,181.32	7,087.26	68.32	68.08	101.07	-432.22	810.55	400.52	265.83	134.69	2.974	
9,200.00	7,012.63	9,281.31	7,089.21	71.07	70.83	101.01	-433.47	910.52	401.58	261.46	140.12	2.866	
9,300.00	7,014.78	9,381.30	7,091.17	73.84	73.59	100.95	-434.73	1,010.49	402.64	257.05	145.59	2.766	
9,400.00	7,016.93	9,481.30	7,093.13	76.62	76.37	100.90	-435.98	1,110.45	403.70	252.62	151.09	2.672	
9,500.00	7,019.08	9,581.29	7,095.08	79.42	79.17	100.84	-437.23	1,210.42	404.77	248.15	156.61	2.584	
9,600.00	7,021.23	9,681.28	7,097.04	82.22	81.98	100.78	-438.48	1,310.38	405.83	243.66	162.17	2.503	
9,700.00	7,023.38	9,781.28	7,099.00	85.04	84.80	100.73	-439.74	1,410.35	406.89	239.15	167.74	2.426	
9,800.00	7,025.52	9,881.27	7,100.95	87.87	87.62	100.67	-440.99	1,510.32	407.95	234.62	173.34	2.354	
9,900.00	7,027.67	9,981.26	7,102.91	90.71	90.46	100.62	-442.24	1,610.28	409.02	230.07	178.95	2.286	
10,000.00	7,029.82	10,081.26	7,104.86	93.55	93.30	100.56	-443.49	1,710.25	410.08	225.50	184.58	2.222	
10,100.00	7,031.97	10,181.25	7,106.82	96.40	96.16	100.51	-444.75	1,810.22	411.15	220.92	190.23	2.161	
10,200.00	7,034.12	10,281.24	7,108.78	99.26	99.02	100.45	-446.00	1,910.18	412.21	216.32	195.89	2.104	
10,300.00	7,036.27	10,381.24	7,110.73	102.13	101.88	100.40	-447.25	2,010.15	413.28	211.71	201.57	2.050	
10,400.00	7,038.42	10,481.23	7,112.69	104.99	104.75	100.34	-448.50	2,110.12	414.34	207.09	207.26	1.999	
10,500.00	7,040.56	10,581.22	7,114.64	107.87	107.63	100.29	-449.76	2,210.08	415.41	202.45	212.96	1.951	
10,600.00	7,042.71	10,681.22	7,116.60	110.75	110.51	100.24	-451.01	2,310.05	416.48	197.81	218.67	1.905	
10,700.00	7,044.86	10,781.21	7,118.56	113.63	113.39	100.18	-452.26	2,410.02	417.54	193.15	224.39	1.861	
10,800.00	7,047.01	10,881.21	7,120.51	116.52	116.28	100.13	-453.51	2,509.98	418.61	188.49	230.12	1.819	
10,900.00	7,049.16	10,981.20	7,122.47	119.41	119.18	100.08	-454.77	2,609.95	419.68	183.82	235.86	1.779	
11,000.00	7,051.31	11,081.19	7,124.42	122.30	122.07	100.02	-456.02	2,709.92	420.74	179.14	241.60	1.741	
11,100.00	7,053.45	11,181.19	7,126.38	125.20	124.97	99.97	-457.27	2,809.88	421.81	174.46	247.36	1.705	
11,200.00	7,055.60	11,281.18	7,128.34	128.10	127.87	99.92	-458.52	2,909.85	422.88	169.76	253.12	1.671	
11,300.00	7,057.75	11,381.17	7,130.29	131.01	130.78	99.87	-459.78	3,009.82	423.95	165.06	258.89	1.638	
11,400.00	7,059.90	11,481.17	7,132.25	133.91	133.69	99.82	-461.03	3,109.78	425.02	160.36	264.66	1.606	
11,500.00	7,062.05	11,581.16	7,134.20	136.82	136.60	99.77	-462.28	3,209.75	426.09	155.64	270.44	1.576	
11,600.00	7,064.20	11,681.15	7,136.16	139.73	139.51	99.72	-463.53	3,309.72	427.16	150.93	276.23	1.546	
11,700.00	7,066.34	11,781.15	7,138.12	142.65	142.43	99.66	-464.79	3,409.68	428.23	146.21	282.02	1.518	
11,800.00	7,068.49	11,883.96	7,140.13	145.56	145.42	99.62	-465.60	3,512.47	428.85	140.95	287.90	1.490 Level 3	
11,900.00	7,070.64	11,983.96	7,142.09	148.48	148.34	99.59	-466.19	3,612.45	429.26	135.57	293.69	1.462 Level 3	
12,000.00	7,072.79	12,083.95	7,144.05	151.40	151.26	99.55	-466.78	3,712.42	429.67	130.19	299.48	1.435 Level 3	
12,100.00	7,074.94	12,183.95	7,146.00	154.32	154.18	99.52	-467.36	3,812.40	430.09	124.81	305.28	1.409 Level 3	
12,200.00	7,077.09	12,283.95	7,147.96	157.24	157.10	99.48	-467.95	3,912.38	430.51	119.42	311.08	1.384 Level 3	
12,300.00	7,079.24	12,383.95	7,149.92	160.16	160.02	99.45	-468.54	4,012.36	430.92	114.03	316.89	1.360 Level 3	
12,400.00	7,081.38	12,483.95	7,151.88	163.09	162.95	99.41	-469.12	4,112.34	431.34	108.64	322.70	1.337 Level 3	
12,500.00	7,083.53	12,583.95	7,153.83	166.01	165.88	99.38	-469.71	4,212.31	431.75	103.24	328.51	1.314 Level 3	
12,600.00	7,085.68	12,683.95	7,155.79	168.94	168.81	99.34	-470.30	4,312.29	432.17	97.84	334.33	1.293 Level 3	
12,700.00	7,087.83	12,783.95	7,157.75	171.87	171.74	99.31	-470.88	4,412.27	432.58	92.43	340.15	1.272 Level 3	
12,800.00	7,089.98	12,883.94	7,159.71	174.80	174.67	99.27	-471.47	4,512.25	433.00	87.03	345.97	1.252 Level 3	
12,900.00	7,092.13	12,983.94	7,161.67	177.73	177.60	99.24	-472.06	4,612.23	433.42	81.62	351.80	1.232 Level 2	
13,000.00	7,094.27	13,083.94	7,163.62	180.66	180.53	99.21	-472.64	4,712.20	433.83	76.20	357.63	1.213 Level 2	

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
13,100.00	7,096.42	13,183.94	7,165.58	183.60	183.47	99.17	-473.23	4,812.18	434.25	70.79	363.46	1.195	Level 2
13,200.00	7,098.57	13,283.94	7,167.54	186.53	186.40	99.14	-473.82	4,912.16	434.66	65.37	369.30	1.177	Level 2
13,300.00	7,100.72	13,383.94	7,169.50	189.47	189.34	99.10	-474.41	5,012.14	435.08	59.95	375.13	1.160	Level 2
13,400.00	7,102.87	13,483.94	7,171.46	192.40	192.27	99.07	-474.99	5,112.11	435.50	54.52	380.97	1.143	Level 2
13,500.00	7,105.02	13,583.94	7,173.41	195.34	195.21	99.03	-475.58	5,212.09	435.92	49.10	386.82	1.127	Level 2
13,600.00	7,107.17	13,683.93	7,175.37	198.28	198.15	99.00	-476.17	5,312.07	436.33	43.67	392.66	1.111	Level 2
13,700.00	7,109.31	13,783.93	7,177.33	201.21	201.09	98.97	-476.75	5,412.05	436.75	38.24	398.51	1.096	Level 2
13,800.00	7,111.46	13,883.93	7,179.29	204.15	204.03	98.93	-477.34	5,512.03	437.17	32.81	404.36	1.081	Level 2
13,900.00	7,113.61	13,983.93	7,181.25	207.09	206.97	98.90	-477.93	5,612.00	437.59	27.38	410.21	1.067	Level 2
14,000.00	7,115.76	14,083.93	7,183.20	210.03	209.91	98.87	-478.51	5,711.98	438.00	21.94	416.06	1.053	Level 2
14,100.00	7,117.91	14,183.93	7,185.16	212.97	212.85	98.83	-479.10	5,811.96	438.42	16.50	421.92	1.039	Level 2
14,200.00	7,120.06	14,283.93	7,187.12	215.91	215.80	98.80	-479.69	5,911.94	438.84	11.06	427.78	1.026	Level 2
14,300.00	7,122.20	14,383.93	7,189.08	218.86	218.74	98.76	-480.27	6,011.92	439.26	5.62	433.64	1.013	Level 2
14,400.00	7,124.35	14,483.93	7,191.04	221.80	221.68	98.73	-480.86	6,111.89	439.68	0.18	439.50	1.000	Level 2
14,500.00	7,126.50	14,583.92	7,192.99	224.74	224.63	98.70	-481.45	6,211.87	440.10	-5.27	445.36	0.988	Level 1
14,600.00	7,128.65	14,683.92	7,194.95	227.69	227.57	98.66	-482.03	6,311.85	440.51	-10.71	451.23	0.976	Level 1
14,700.00	7,130.80	14,783.92	7,196.91	230.63	230.52	98.63	-482.62	6,411.83	440.93	-16.16	457.09	0.965	Level 1
14,800.00	7,132.95	14,883.92	7,198.87	233.57	233.46	98.60	-483.21	6,511.81	441.35	-21.61	462.96	0.953	Level 1
14,900.00	7,135.09	14,983.92	7,200.83	236.52	236.41	98.56	-483.79	6,611.78	441.77	-27.06	468.83	0.942	Level 1
15,000.00	7,137.24	15,083.92	7,202.78	239.46	239.36	98.53	-484.38	6,711.76	442.19	-32.51	474.70	0.932	Level 1
15,100.00	7,139.39	15,183.92	7,204.74	242.41	242.30	98.50	-484.97	6,811.74	442.61	-37.97	480.58	0.921	Level 1
15,200.00	7,141.54	15,283.92	7,206.70	245.36	245.25	98.46	-485.56	6,911.72	443.03	-43.42	486.45	0.911	Level 1
15,300.00	7,143.69	15,383.91	7,208.66	248.30	248.20	98.43	-486.14	7,011.70	443.45	-48.88	492.33	0.901	Level 1
15,400.00	7,145.84	15,483.91	7,210.61	251.25	251.15	98.40	-486.73	7,111.67	443.87	-54.33	498.20	0.891	Level 1
15,500.00	7,147.99	15,583.91	7,212.57	254.20	254.10	98.37	-487.32	7,211.65	444.29	-59.79	504.08	0.881	Level 1
15,600.00	7,150.13	15,683.91	7,214.53	257.15	257.05	98.33	-487.90	7,311.63	444.71	-65.25	509.96	0.872	Level 1
15,700.00	7,152.28	15,783.91	7,216.49	260.09	260.00	98.30	-488.49	7,411.61	445.13	-70.71	515.85	0.863	Level 1
15,800.00	7,154.43	15,883.91	7,218.45	263.04	262.95	98.27	-489.08	7,511.58	445.55	-76.18	521.73	0.854	Level 1
15,900.00	7,156.58	15,983.91	7,220.40	265.99	265.90	98.24	-489.66	7,611.56	445.97	-81.64	527.61	0.845	Level 1
16,000.00	7,158.73	16,083.91	7,222.36	268.94	268.85	98.20	-490.25	7,711.54	446.39	-87.10	533.50	0.837	Level 1
16,100.00	7,160.88	16,183.90	7,224.32	271.89	271.80	98.17	-490.84	7,811.52	446.81	-92.57	539.38	0.828	Level 1
16,200.00	7,163.02	16,283.90	7,226.28	274.84	274.75	98.14	-491.42	7,911.50	447.24	-98.04	545.27	0.820	Level 1
16,300.00	7,165.17	16,383.90	7,228.24	277.79	277.70	98.11	-492.01	8,011.47	447.66	-103.50	551.16	0.812	Level 1
16,400.00	7,167.32	16,483.90	7,230.19	280.74	280.65	98.07	-492.60	8,111.45	448.08	-108.97	557.05	0.804	Level 1
16,500.00	7,169.47	16,583.90	7,232.15	283.69	283.60	98.04	-493.18	8,211.43	448.50	-114.44	562.94	0.797	Level 1
16,600.00	7,171.62	16,683.90	7,234.11	286.64	286.55	98.01	-493.77	8,311.41	448.92	-119.91	568.84	0.789	Level 1
16,700.00	7,173.77	16,783.90	7,236.07	289.59	289.51	97.98	-494.36	8,411.39	449.34	-125.39	574.73	0.782	Level 1
16,800.00	7,175.91	16,883.90	7,238.03	292.54	292.46	97.94	-494.94	8,511.36	449.77	-130.86	580.62	0.775	Level 1
16,900.00	7,178.06	16,983.90	7,239.98	295.50	295.41	97.91	-495.53	8,611.34	450.19	-136.33	586.52	0.768	Level 1
17,000.00	7,180.21	17,083.89	7,241.94	298.45	298.37	97.88	-496.12	8,711.32	450.61	-141.81	592.42	0.761	Level 1
17,100.00	7,182.36	17,183.89	7,243.90	301.40	301.32	97.85	-496.71	8,811.30	451.03	-147.28	598.31	0.754	Level 1
17,200.00	7,184.51	17,283.89	7,245.86	304.35	304.27	97.82	-497.29	8,911.28	451.46	-152.76	604.21	0.747	Level 1
17,300.00	7,186.66	17,383.89	7,247.82	307.30	307.23	97.79	-497.88	9,011.25	451.88	-158.23	610.11	0.741	Level 1
17,400.00	7,188.81	17,483.89	7,249.77	310.26	310.18	97.75	-498.47	9,111.23	452.30	-163.71	616.01	0.734	Level 1
17,455.61	7,190.00	17,539.49	7,250.86	311.90	311.82	97.74	-498.79	9,166.82	452.54	-166.76	619.29	0.731	Level 1, ES, SF

Offset Design													Offset Site Error: 0.00 usft	
5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys													Offset Well Error: 3.28 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	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	45.27	838.99	846.98	1,192.48					
100.00	100.00	71.46	71.46	3.28	3.28	45.29	838.77	847.26	1,192.22	1,184.87	7.35	162.110		
200.00	200.00	173.61	173.60	3.30	3.29	45.35	837.92	848.24	1,192.32	1,184.93	7.38	161.454		
290.90	290.90	276.10	276.08	3.34	3.32	136.73	836.80	848.69	1,192.44	1,184.99	7.45	160.134		
300.00	300.00	286.67	286.65	3.34	3.32	136.73	836.64	848.68	1,192.13	1,184.68	7.45	159.923		
400.00	399.93	406.50	406.46	3.41	3.37	136.89	834.52	847.47	1,192.72	1,185.16	7.56	157.746		
500.00	499.68	515.83	515.73	3.49	3.43	137.08	832.55	844.53	1,194.64	1,186.94	7.70	155.078		
600.00	599.13	612.72	612.55	3.60	3.50	137.28	831.34	841.09	1,198.90	1,191.03	7.88	152.170		
8,200.00	6,991.15	6,942.30	6,938.22	44.78	15.31	-87.41	881.64	646.67	1,174.10	1,122.17	51.93	22.611		
8,300.00	6,993.30	6,942.61	6,938.53	47.23	15.31	-87.43	881.65	646.66	1,114.90	1,059.42	55.48	20.097		
8,400.00	6,995.45	6,942.92	6,938.84	49.74	15.31	-87.45	881.67	646.66	1,061.84	1,002.52	59.32	17.901		
8,500.00	6,997.60	6,943.23	6,939.15	52.29	15.31	-87.47	881.68	646.65	1,015.87	952.51	63.36	16.034		
8,600.00	6,999.74	6,943.54	6,939.46	54.89	15.31	-87.49	881.69	646.64	978.00	910.53	67.47	14.495		
8,700.00	7,001.89	6,943.86	6,939.78	57.52	15.31	-87.51	881.71	646.64	949.20	877.71	71.49	13.277		
8,800.00	7,004.04	6,944.18	6,940.10	60.18	15.32	-87.53	881.72	646.63	930.31	855.09	75.22	12.368		
8,900.00	7,006.19	6,944.50	6,940.42	62.87	15.32	-87.55	881.74	646.63	921.94	843.47	78.47	11.749		
8,927.53	7,006.78	6,944.59	6,940.51	63.62	15.32	-87.56	881.74	646.63	921.53	842.27	79.26	11.627 CC, ES		
9,000.00	7,008.34	6,944.83	6,940.75	65.58	15.32	-87.57	881.75	646.62	924.37	843.29	81.08	11.400		
9,100.00	7,010.49	6,945.16	6,941.07	68.32	15.32	-87.59	881.76	646.61	937.53	854.55	82.98	11.299 SF		
9,200.00	7,012.63	6,945.49	6,941.41	71.07	15.32	-87.61	881.78	646.61	960.96	876.83	84.14	11.422		
9,300.00	7,014.78	6,945.82	6,941.74	73.84	15.32	-87.63	881.79	646.60	993.96	909.33	84.62	11.746		
9,400.00	7,016.93	6,946.16	6,942.08	76.62	15.32	-87.65	881.81	646.60	1,035.59	951.04	84.54	12.249		
9,500.00	7,019.08	6,946.50	6,942.42	79.42	15.32	-87.68	881.82	646.59	1,084.87	1,000.85	84.02	12.912		
9,600.00	7,021.23	6,946.85	6,942.76	82.22	15.32	-87.70	881.84	646.58	1,140.80	1,057.62	83.18	13.715		

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 +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)			
0.00	0.00	0.00	0.00	3.28	3.28	46.73	802.56	852.55	1,171.16					
100.00	100.00	77.00	77.00	3.28	3.28	46.73	802.44	852.53	1,170.78	1,163.43	7.35	159.191		
200.00	200.00	175.52	175.52	3.30	3.29	46.74	802.23	852.40	1,170.54	1,163.15	7.39	158.495		
208.33	208.33	183.60	183.60	3.31	3.29	138.04	802.23	852.38	1,170.53	1,163.14	7.39	158.406		
300.00	300.00	278.42	278.42	3.34	3.32	138.03	802.33	852.03	1,170.67	1,163.22	7.45	157.086		
400.00	399.93	378.85	378.84	3.41	3.36	138.11	802.19	851.56	1,172.83	1,165.28	7.55	155.312		
500.00	499.68	477.91	477.91	3.49	3.41	138.27	801.93	851.28	1,177.65	1,169.96	7.69	153.192		
600.00	599.13	570.06	570.05	3.60	3.47	138.49	801.66	851.38	1,185.37	1,177.51	7.86	150.898		
700.00	698.15	669.15	669.14	3.75	3.54	138.79	801.82	851.75	1,196.24	1,188.18	8.06	148.349		
8,200.00	6,991.15	7,308.09	7,060.13	44.78	18.79	98.72	-514.24	948.21	1,139.67	1,096.39	43.29	26.329		
8,300.00	6,993.30	7,303.30	7,055.36	47.23	18.79	98.15	-514.50	948.52	1,049.83	1,004.66	45.17	23.243		
8,400.00	6,995.45	7,298.56	7,050.64	49.74	18.78	97.58	-514.76	948.84	961.97	914.45	47.51	20.246		
8,500.00	6,997.60	7,293.87	7,045.97	52.29	18.77	97.03	-515.02	949.14	876.69	826.26	50.42	17.386		
8,600.00	6,999.74	7,289.24	7,041.35	54.89	18.76	96.47	-515.27	949.45	794.82	740.81	54.01	14.715		
8,700.00	7,001.89	7,284.65	7,036.78	57.52	18.75	95.92	-515.52	949.75	717.54	659.15	58.39	12.288		
8,800.00	7,004.04	7,280.11	7,032.26	60.18	18.75	95.38	-515.77	950.04	646.49	582.86	63.63	10.161		
8,900.00	7,006.19	7,275.63	7,027.79	62.87	18.74	94.85	-516.01	950.33	583.94	514.28	69.66	8.383		
9,000.00	7,008.34	7,271.19	7,023.36	65.58	18.73	94.32	-516.25	950.62	532.90	456.74	76.16	6.997		
9,100.00	7,010.49	7,266.79	7,018.99	68.32	18.73	93.79	-516.49	950.90	496.94	414.54	82.40	6.031		
9,200.00	7,012.63	7,262.45	7,014.65	71.07	18.72	93.27	-516.73	951.18	479.46	392.20	87.25	5.495		
9,235.53	7,013.40	7,260.91	7,013.13	72.05	18.72	93.09	-516.81	951.28	478.14	389.70	88.44	5.407	CC, ES	
9,300.00	7,014.78	7,258.14	7,010.37	73.84	18.71	92.75	-516.96	951.46	482.46	392.74	89.72	5.378	SF	
9,400.00	7,016.93	7,253.89	7,006.12	76.62	18.70	92.24	-517.19	951.73	505.59	416.06	89.53	5.647		
9,500.00	7,019.08	7,249.67	7,001.93	79.42	18.70	91.74	-517.41	952.00	546.29	459.01	87.29	6.259		
9,600.00	7,021.23	7,245.51	6,997.77	82.22	18.69	91.24	-517.64	952.26	601.02	517.09	83.92	7.161		
9,700.00	7,023.38	7,241.38	6,993.66	85.04	18.68	90.75	-517.86	952.52	666.31	586.09	80.21	8.307		
9,800.00	7,025.52	7,237.29	6,989.59	87.87	18.68	90.26	-518.07	952.78	739.38	662.77	76.61	9.651		
9,900.00	7,027.67	7,233.25	6,985.56	90.71	18.67	89.78	-518.29	953.03	818.14	744.82	73.32	11.158		
10,000.00	7,029.82	7,229.25	6,981.57	93.55	18.66	89.30	-518.50	953.28	901.11	830.70	70.41	12.798		
10,100.00	7,031.97	7,225.29	6,977.62	96.40	18.66	88.83	-518.71	953.53	987.23	919.36	67.87	14.546		
10,200.00	7,034.12	7,221.37	6,973.71	99.26	18.65	88.36	-518.92	953.77	1,075.73	1,010.07	65.67	16.382		
10,300.00	7,036.27	7,217.48	6,969.84	102.13	18.64	87.90	-519.13	954.01	1,166.08	1,102.33	63.75	18.291		

Offset Design											5N-66W-07 Offsets - STEPHENS 7-11 - SRC Energy PR Well - Actual VES Surveys			Offset Site Error:		0.00 usft
Survey Program:											100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2" CONE_2.448			Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning				
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)					
11,200.00	7,055.60	6,986.99	6,980.93	128.10	15.31	-88.36	803.31	3,735.51	1,177.02	1,068.51	108.52	10.847				
11,300.00	7,057.75	6,983.88	6,977.83	131.01	15.30	-88.15	803.13	3,735.67	1,109.89	993.77	116.13	9.558				
11,400.00	7,059.90	6,980.81	6,974.78	133.91	15.29	-87.94	802.95	3,735.83	1,048.01	923.80	124.21	8.438				
11,500.00	7,062.05	6,977.80	6,971.77	136.82	15.29	-87.74	802.78	3,735.99	992.35	859.75	132.61	7.484				
11,600.00	7,064.20	6,974.83	6,968.82	139.73	15.28	-87.54	802.60	3,736.15	944.03	802.97	141.06	6.692				
11,700.00	7,066.34	6,971.91	6,965.90	142.65	15.27	-87.34	802.44	3,736.30	904.21	755.01	149.20	6.060				
11,800.00	7,068.49	6,969.04	6,963.04	145.56	15.27	-87.15	802.27	3,736.44	874.06	717.51	156.55	5.583				
11,900.00	7,070.64	6,966.21	6,960.22	148.48	15.26	-86.95	802.11	3,736.59	854.61	692.00	162.61	5.256				
12,000.00	7,072.79	6,963.42	6,957.44	151.40	15.26	-86.77	801.95	3,736.73	846.59	679.67	166.92	5.072				
12,018.28	7,073.18	6,962.92	6,956.93	151.93	15.25	-86.73	801.92	3,736.75	846.39	678.90	167.49	5.053	CC, ES			
12,100.00	7,074.94	6,960.68	6,954.70	154.32	15.25	-86.58	801.79	3,736.87	850.32	681.13	169.19	5.026	SF			
12,200.00	7,077.09	6,957.97	6,952.00	157.24	15.24	-86.40	801.64	3,737.00	865.66	696.27	169.39	5.110				
12,300.00	7,079.24	6,955.31	6,949.35	160.16	15.24	-86.22	801.49	3,737.14	892.01	724.29	167.72	5.319				
12,400.00	7,081.38	6,952.69	6,946.73	163.09	15.23	-86.04	801.34	3,737.27	928.42	763.89	164.54	5.643				
12,500.00	7,083.53	6,950.10	6,944.15	166.01	15.23	-85.86	801.19	3,737.40	973.78	813.50	160.28	6.076				
12,600.00	7,085.68	6,947.55	6,941.61	168.94	15.22	-85.69	801.05	3,737.52	1,026.89	871.53	155.36	6.610				
12,700.00	7,087.83	6,945.04	6,939.11	171.87	15.22	-85.52	800.91	3,737.65	1,086.63	936.50	150.13	7.238				
12,800.00	7,089.98	6,942.57	6,936.64	174.80	15.21	-85.35	800.77	3,737.77	1,151.95	1,007.12	144.83	7.954				

Offset Design		5N-66W-07 Offsets - STEPHENS 7-12 - SRC Energy SI Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7000-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)				
9,500.00	7,019.08	6,993.52	6,986.49	79.42	15.48	-89.97	775.57	2,097.07	1,199.90	1,128.84	71.05	16.887			
9,600.00	7,021.23	6,989.53	6,982.51	82.22	15.47	-89.69	775.40	2,097.31	1,128.66	1,052.45	76.21	14.810			
9,700.00	7,023.38	6,985.55	6,978.54	85.04	15.46	-89.41	775.22	2,097.56	1,062.06	980.22	81.84	12.977			
9,800.00	7,025.52	6,981.56	6,974.57	87.87	15.45	-89.13	775.05	2,097.80	1,001.02	913.13	87.89	11.389			
9,900.00	7,027.67	6,977.58	6,970.59	90.71	15.44	-88.85	774.88	2,098.05	946.61	852.37	94.25	10.044			
10,000.00	7,029.82	6,973.59	6,966.62	93.55	15.43	-88.57	774.70	2,098.29	900.04	799.35	100.70	8.938			
10,100.00	7,031.97	6,969.60	6,962.64	96.40	15.42	-88.29	774.53	2,098.53	862.58	755.64	106.94	8.066			
10,200.00	7,034.12	6,965.62	6,958.67	99.26	15.41	-88.01	774.36	2,098.78	835.45	722.85	112.61	7.419			
10,300.00	7,036.27	6,961.63	6,954.70	102.13	15.41	-87.73	774.18	2,099.02	819.69	702.40	117.29	6.988			
10,380.68	7,038.00	6,958.42	6,951.49	104.44	15.40	-87.50	774.04	2,099.22	815.71	695.60	120.12	6.791 CC			
10,400.00	7,038.42	6,957.65	6,950.72	104.99	15.40	-87.45	774.01	2,099.27	815.94	695.29	120.65	6.763 ES			
10,500.00	7,040.56	6,953.66	6,946.75	107.87	15.39	-87.17	773.83	2,099.51	824.38	701.89	122.49	6.730 SF			
10,600.00	7,042.71	6,949.68	6,942.78	110.75	15.38	-86.89	773.66	2,099.75	844.64	721.82	122.82	6.877			
10,700.00	7,044.86	6,945.69	6,938.80	113.63	15.37	-86.61	773.49	2,100.00	875.90	754.06	121.83	7.189			
10,800.00	7,047.01	6,941.71	6,934.83	116.52	15.36	-86.33	773.31	2,100.24	917.03	797.21	119.82	7.654			
10,900.00	7,049.16	6,937.72	6,930.85	119.41	15.35	-86.05	773.14	2,100.49	966.78	849.68	117.10	8.256			
11,000.00	7,051.31	6,933.74	6,926.88	122.30	15.34	-85.77	772.97	2,100.73	1,023.88	909.93	113.96	8.985			
11,100.00	7,053.45	6,929.75	6,922.91	125.20	15.33	-85.49	772.79	2,100.97	1,087.19	976.56	110.63	9.827			
11,200.00	7,055.60	6,925.77	6,918.93	128.10	15.32	-85.21	772.62	2,101.22	1,155.69	1,048.41	107.28	10.773			

Offset Design		5N-66W-07 Offsets - STEPHENS 7-13 - SRC Energy SI Well - Actual VES Surveys											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7350-SRC Energy_2" CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,300.00	7,014.78	7,041.25	7,033.79	73.84	15.51	106.10	-235.65	2,171.64	1,174.05	1,136.64	37.41	31.383		
9,400.00	7,016.93	7,036.41	7,028.96	76.62	15.49	104.77	-235.79	2,171.95	1,075.68	1,037.28	38.40	28.012		
9,500.00	7,019.08	7,031.67	7,024.23	79.42	15.48	103.45	-235.92	2,172.26	977.62	937.95	39.68	24.640		
9,600.00	7,021.23	7,027.03	7,019.60	82.22	15.47	102.14	-236.05	2,172.56	879.97	838.63	41.34	21.286		
9,700.00	7,023.38	7,022.48	7,015.06	85.04	15.47	100.86	-236.18	2,172.85	782.89	739.35	43.55	17.978		
9,800.00	7,025.52	7,018.02	7,010.62	87.87	15.46	99.58	-236.30	2,173.13	686.62	640.09	46.53	14.756		
9,900.00	7,027.67	7,013.65	7,006.25	90.71	15.45	98.33	-236.43	2,173.40	591.56	540.91	50.66	11.678		
10,000.00	7,029.82	7,009.36	7,001.98	93.55	15.44	97.09	-236.55	2,173.67	498.40	441.88	56.52	8.818		
10,100.00	7,031.97	7,005.16	6,997.78	96.40	15.43	95.87	-236.67	2,173.93	408.45	343.36	65.09	6.275		
10,200.00	7,034.12	7,001.03	6,993.67	99.26	15.42	94.67	-236.79	2,174.19	324.38	246.49	77.88	4.165		
10,300.00	7,036.27	6,997.05	6,989.69	102.13	15.41	93.51	-236.91	2,174.43	252.15	155.78	96.37	2.617		
10,400.00	7,038.42	6,993.03	6,985.68	104.99	15.40	92.34	-237.02	2,174.68	204.71	88.00	116.71	1.754		
10,458.55	7,039.67	6,990.64	6,983.30	106.68	15.40	91.64	-237.09	2,174.83	196.17	73.66	122.51	1.601	CC, ES, SF	
10,500.00	7,040.56	6,988.93	6,981.59	107.87	15.39	91.14	-237.14	2,174.94	200.49	79.14	121.35	1.652		
10,600.00	7,042.71	6,984.74	6,977.42	110.75	15.38	89.92	-237.26	2,175.20	241.78	135.67	106.11	2.279		
10,700.00	7,044.86	6,980.47	6,973.15	113.63	15.38	88.68	-237.38	2,175.47	310.93	222.26	88.68	3.506		
10,800.00	7,047.01	6,976.11	6,968.81	116.52	15.37	87.41	-237.51	2,175.75	393.53	317.70	75.83	5.190		
10,900.00	7,049.16	6,971.66	6,964.36	119.41	15.36	86.12	-237.63	2,176.03	482.72	415.73	66.99	7.206		
11,000.00	7,051.31	6,967.11	6,959.83	122.30	15.35	84.81	-237.76	2,176.33	575.44	514.61	60.83	9.461		
11,100.00	7,053.45	6,962.47	6,955.20	125.20	15.34	83.48	-237.89	2,176.63	670.22	613.83	56.39	11.884		
11,200.00	7,055.60	6,957.73	6,950.47	128.10	15.33	82.13	-238.03	2,176.94	766.31	713.19	53.12	14.427		
11,300.00	7,057.75	6,952.88	6,945.63	131.01	15.32	80.76	-238.16	2,177.26	863.26	812.63	50.63	17.050		
11,400.00	7,059.90	6,947.92	6,940.69	133.91	15.31	79.37	-238.30	2,177.59	960.81	912.11	48.70	19.728		
11,500.00	7,062.05	6,942.86	6,935.63	136.82	15.30	77.96	-238.44	2,177.92	1,058.80	1,011.62	47.18	22.441		
11,600.00	7,064.20	6,937.67	6,930.47	139.73	15.28	76.55	-238.59	2,178.27	1,157.11	1,111.15	45.97	25.174		

Offset Design		5N-66W-07 Offsets - STEPHENS 7-14 - SRC Energy SI Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7350-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance								Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)				
10,600.00	7,042.71	6,966.72	6,964.36	110.75	15.30	86.39	-383.97	3,396.42	1,132.89	1,079.72	53.17	21.305			
10,700.00	7,044.86	6,968.70	6,966.34	113.63	15.30	86.72	-383.97	3,396.42	1,038.00	981.23	56.76	18.286			
10,800.00	7,047.01	6,970.68	6,968.32	116.52	15.31	87.05	-383.96	3,396.42	944.15	883.03	61.12	15.448			
10,900.00	7,049.16	6,972.67	6,970.31	119.41	15.31	87.38	-383.96	3,396.42	851.70	785.26	66.44	12.819			
11,000.00	7,051.31	6,974.65	6,972.30	122.30	15.31	87.71	-383.96	3,396.42	761.15	688.13	73.03	10.423			
11,100.00	7,053.45	6,976.65	6,974.29	125.20	15.32	88.05	-383.95	3,396.41	673.28	592.03	81.25	8.287			
11,200.00	7,055.60	6,978.64	6,976.28	128.10	15.32	88.38	-383.95	3,396.41	589.29	497.71	91.57	6.435			
11,300.00	7,057.75	6,980.64	6,978.28	131.01	15.33	88.72	-383.95	3,396.41	511.08	406.62	104.46	4.893			
11,400.00	7,059.90	6,982.64	6,980.28	133.91	15.33	89.05	-383.95	3,396.41	441.73	321.70	120.04	3.680			
11,500.00	7,062.05	6,984.64	6,982.28	136.82	15.33	89.39	-383.95	3,396.41	386.07	248.92	137.15	2.815			
11,600.00	7,064.20	6,986.65	6,984.29	139.73	15.34	89.73	-383.95	3,396.41	350.67	198.76	151.90	2.308			
11,680.48	7,065.93	6,988.27	6,985.91	142.08	15.34	90.00	-383.95	3,396.40	341.31	183.46	157.85	2.162 CC, ES			
11,700.00	7,066.34	6,988.66	6,986.30	142.65	15.34	90.06	-383.95	3,396.40	341.87	183.69	158.18	2.161 SF			
11,800.00	7,068.49	6,990.67	6,988.31	145.56	15.35	90.40	-383.95	3,396.40	361.62	208.40	153.22	2.360			
11,900.00	7,070.64	6,992.69	6,990.33	148.48	15.35	90.74	-383.95	3,396.40	405.78	264.83	140.96	2.879			
12,000.00	7,072.79	6,994.71	6,992.35	151.40	15.36	91.08	-383.95	3,396.40	467.48	340.58	126.91	3.684			
12,100.00	7,074.94	6,996.73	6,994.37	154.32	15.36	91.42	-383.95	3,396.40	540.75	426.65	114.10	4.739			
12,200.00	7,077.09	6,998.76	6,996.40	157.24	15.36	91.76	-383.95	3,396.40	621.51	518.14	103.38	6.012			
12,300.00	7,079.24	7,000.81	6,998.45	160.16	15.37	92.10	-383.96	3,396.40	707.20	612.56	94.64	7.472			
12,400.00	7,081.38	7,002.91	7,000.56	163.09	15.37	92.45	-383.96	3,396.39	796.23	708.67	87.56	9.094			
12,500.00	7,083.53	7,005.02	7,002.67	166.01	15.38	92.81	-383.96	3,396.39	887.59	805.81	81.78	10.853			
12,600.00	7,085.68	7,007.14	7,004.78	168.94	15.38	93.16	-383.96	3,396.39	980.64	903.61	77.03	12.730			
12,700.00	7,087.83	7,009.27	7,006.91	171.87	15.39	93.52	-383.97	3,396.39	1,074.93	1,001.85	73.08	14.709			
12,800.00	7,089.98	7,011.40	7,009.05	174.80	15.39	93.87	-383.97	3,396.39	1,170.16	1,100.40	69.76	16.774			

Offset Design		5N-66W-07 Offsets - STEPHENS 7-15 - SRC Energy SI Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7400-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,100.00	7,031.97	7,043.01	6,976.40	96.40	15.61	-86.74	83.89	3,008.80	1,198.67	1,162.95	35.72	33.558			
10,200.00	7,034.12	7,043.51	6,976.89	99.26	15.61	-86.96	83.90	3,008.79	1,099.27	1,062.88	36.40	30.202			
10,300.00	7,036.27	7,044.00	6,977.38	102.13	15.61	-87.18	83.90	3,008.78	1,000.00	962.73	37.27	26.831			
10,400.00	7,038.42	7,044.49	6,977.87	104.99	15.61	-87.41	83.91	3,008.77	900.89	862.47	38.42	23.451			
10,500.00	7,040.56	7,044.98	6,978.36	107.87	15.61	-87.63	83.91	3,008.77	802.00	762.05	39.95	20.076			
10,600.00	7,042.71	7,045.47	6,978.85	110.75	15.61	-87.85	83.92	3,008.76	703.42	661.37	42.05	16.729			
10,700.00	7,044.86	7,045.96	6,979.34	113.63	15.62	-88.07	83.92	3,008.75	605.30	560.29	45.01	13.447			
10,800.00	7,047.01	7,046.45	6,979.83	116.52	15.62	-88.30	83.93	3,008.74	507.92	458.56	49.36	10.290			
10,900.00	7,049.16	7,046.94	6,980.32	119.41	15.62	-88.52	83.93	3,008.73	411.80	355.77	56.03	7.349			
11,000.00	7,051.31	7,047.43	6,980.81	122.30	15.62	-88.74	83.94	3,008.73	318.08	251.14	66.94	4.751			
11,100.00	7,053.45	7,047.92	6,981.30	125.20	15.62	-88.96	83.94	3,008.72	229.72	143.58	86.14	2.667			
11,200.00	7,055.60	7,048.40	6,981.79	128.10	15.62	-89.18	83.95	3,008.71	156.10	36.17	119.93	1.302 Level 3			
11,292.03	7,057.58	7,048.85	6,982.23	130.78	15.62	-89.39	83.95	3,008.70	126.08	-20.84	146.92	0.858 Level 1, CC, ES, SF			
11,300.00	7,057.75	7,048.89	6,982.27	131.01	15.62	-89.41	83.95	3,008.70	126.33	-20.59	146.92	0.860 Level 1			
11,400.00	7,059.90	7,049.38	6,982.76	133.91	15.62	-89.63	83.96	3,008.69	165.99	47.25	118.74	1.398 Level 3			
11,500.00	7,062.05	7,049.86	6,983.25	136.82	15.62	-89.85	83.96	3,008.69	243.20	154.24	88.95	2.734			
11,600.00	7,064.20	7,050.35	6,983.73	139.73	15.62	-90.07	83.97	3,008.68	332.77	260.90	71.87	4.630			
11,700.00	7,066.34	7,050.84	6,984.22	142.65	15.63	-90.29	83.97	3,008.67	427.00	365.13	61.87	6.901			
11,800.00	7,068.49	7,051.32	6,984.70	145.56	15.63	-90.51	83.98	3,008.66	523.37	467.80	55.57	9.418			
11,900.00	7,070.64	7,051.81	6,985.19	148.48	15.63	-90.73	83.98	3,008.65	620.89	569.54	51.35	12.091			
12,000.00	7,072.79	7,052.29	6,985.67	151.40	15.63	-90.95	83.99	3,008.65	719.10	670.71	48.38	14.863			
12,100.00	7,074.94	7,052.77	6,986.15	154.32	15.63	-91.17	84.00	3,008.64	817.73	771.52	46.22	17.693			
12,200.00	7,077.09	7,053.26	6,986.64	157.24	15.63	-91.39	84.00	3,008.63	916.67	872.07	44.60	20.555			
12,300.00	7,079.24	7,053.74	6,987.12	160.16	15.63	-91.61	84.01	3,008.62	1,015.81	972.46	43.35	23.432			
12,400.00	7,081.38	7,054.22	6,987.60	163.09	15.63	-91.83	84.01	3,008.61	1,115.10	1,072.72	42.38	26.313			

Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-32.94	562.12	-364.19	670.00					
100.00	100.00	81.61	81.61	3.28	3.28	-32.94	562.17	-364.25	669.87	662.51	7.35	91.080		
200.00	200.00	181.48	181.48	3.30	3.29	-32.96	562.23	-364.60	670.11	662.72	7.39	90.721		
300.00	300.00	280.04	280.03	3.34	3.32	58.31	562.12	-365.34	670.19	662.74	7.45	89.921		
400.00	399.93	375.24	375.23	3.41	3.36	58.50	562.25	-366.45	669.11	661.56	7.55	88.633		
500.00	499.68	481.28	481.25	3.49	3.41	58.96	562.21	-368.28	666.40	658.71	7.69	86.663		
600.00	599.13	581.26	581.21	3.60	3.48	59.66	561.24	-369.91	661.09	653.22	7.87	84.047		
700.00	698.15	686.55	686.48	3.75	3.56	60.73	560.05	-371.40	653.89	645.80	8.09	80.828		
800.00	796.63	782.46	782.38	3.93	3.64	62.01	558.45	-372.76	644.74	636.39	8.35	77.192		
900.00	894.44	881.55	881.45	4.16	3.74	63.69	557.21	-374.07	634.63	625.96	8.67	73.186		
1,000.00	991.57	978.82	978.70	4.44	3.85	65.55	555.81	-375.32	623.51	614.47	9.05	68.932		
1,100.00	1,088.60	1,073.32	1,073.18	4.75	3.96	67.34	554.63	-376.70	613.10	603.64	9.46	64.810		
1,200.00	1,185.63	1,167.17	1,167.00	5.10	4.08	69.15	553.81	-378.57	603.89	593.98	9.91	60.927		
1,300.00	1,282.66	1,263.41	1,263.23	5.46	4.21	71.10	553.62	-380.11	595.86	585.46	10.40	57.296		
1,400.00	1,379.69	1,361.90	1,361.72	5.85	4.34	73.19	553.52	-381.34	588.56	577.64	10.92	53.903		
1,500.00	1,476.72	1,458.49	1,458.29	6.25	4.48	75.23	553.09	-383.07	581.92	570.46	11.46	50.783		
1,600.00	1,573.75	1,552.70	1,552.49	6.66	4.63	77.28	553.13	-384.59	576.48	564.47	12.01	47.981		
1,700.00	1,670.78	1,647.72	1,647.49	7.08	4.77	79.37	553.66	-386.35	572.44	559.85	12.59	45.476		
1,800.00	1,767.81	1,743.73	1,743.48	7.31	4.93	81.55	554.54	-387.81	569.53	556.76	12.77	44.588		
1,900.00	1,864.84	1,841.47	1,841.21	7.38	5.09	83.81	555.65	-389.09	567.71	554.71	13.00	43.655		
2,000.00	1,961.87	1,939.83	1,939.56	7.48	5.25	86.13	556.50	-389.94	566.51	553.24	13.27	42.695		
2,059.72	2,019.81	1,997.05	1,996.77	7.56	5.35	87.47	557.03	-390.52	566.30	552.86	13.44	42.129 CC		
2,100.00	2,058.90	2,037.44	2,037.16	7.61	5.41	88.43	557.40	-390.91	566.34	552.78	13.56	41.759		
2,200.00	2,155.92	2,136.01	2,135.73	7.77	5.58	90.81	557.98	-391.18	566.79	552.91	13.88	40.823		
2,300.00	2,252.95	2,232.68	2,232.40	7.96	5.75	93.19	558.62	-390.98	568.34	554.12	14.23	39.948		
2,400.00	2,349.98	2,333.83	2,333.55	8.17	5.92	95.67	558.99	-390.67	570.66	556.06	14.60	39.089		
2,500.00	2,447.01	2,437.09	2,436.81	8.41	6.10	98.12	558.23	-391.12	572.86	557.87	14.99	38.207		
2,600.00	2,544.04	2,533.00	2,532.70	8.66	6.28	100.33	557.15	-392.14	575.57	560.17	15.39	37.392		
2,700.00	2,641.07	2,624.76	2,624.46	8.94	6.45	102.45	556.85	-392.58	580.05	564.25	15.80	36.718		
2,800.00	2,738.10	2,722.04	2,721.74	9.23	6.63	104.62	556.98	-393.43	585.81	569.59	16.22	36.110		
2,900.00	2,835.13	2,820.24	2,819.93	9.54	6.82	106.74	557.07	-394.59	592.32	575.66	16.66	35.554		
3,000.00	2,932.16	2,917.33	2,917.02	9.86	7.01	108.84	556.92	-395.32	599.55	582.45	17.10	35.060		
3,100.00	3,029.19	3,012.00	3,011.68	10.20	7.19	110.85	557.02	-395.71	607.94	590.40	17.54	34.659		
3,200.00	3,126.22	3,114.17	3,113.85	10.55	7.38	112.91	557.05	-396.79	616.83	598.83	18.00	34.266		
3,300.00	3,223.25	3,214.61	3,214.28	10.91	7.58	114.86	556.63	-398.31	625.88	607.42	18.46	33.898		
3,400.00	3,320.28	3,318.31	3,317.95	11.28	7.78	116.85	555.25	-399.87	634.81	615.87	18.93	33.528		
3,500.00	3,417.31	3,417.21	3,416.82	11.66	7.98	118.72	553.19	-401.33	643.78	624.39	19.39	33.193		
3,600.00	3,514.34	3,510.67	3,510.26	12.05	8.16	120.44	551.51	-402.60	653.74	633.89	19.85	32.939		
3,700.00	3,611.37	3,609.36	3,608.93	12.44	8.36	122.23	549.66	-403.52	664.47	644.17	20.31	32.722		
3,800.00	3,708.40	3,706.28	3,705.83	12.84	8.55	123.94	547.83	-404.50	675.79	655.02	20.76	32.547		
3,900.00	3,805.43	3,802.73	3,802.26	13.25	8.74	125.53	546.41	-405.96	687.77	666.55	21.22	32.408		
4,000.00	3,902.46	3,901.74	3,901.23	13.66	8.94	127.10	544.94	-407.54	700.22	678.53	21.69	32.289		
4,100.00	3,999.49	4,001.88	4,001.35	14.08	9.14	128.67	542.93	-408.95	712.88	690.73	22.15	32.183		
4,200.00	4,096.52	4,092.10	4,091.54	14.50	9.32	130.05	541.19	-409.87	726.34	703.75	22.59	32.151		
4,300.00	4,193.55	4,182.31	4,181.75	14.92	9.51	131.39	540.16	-410.28	741.22	718.19	23.03	32.184		
4,400.00	4,290.58	4,275.58	4,275.02	15.35	9.69	132.70	539.75	-410.39	757.28	733.81	23.48	32.258		
4,500.00	4,387.61	4,373.00	4,372.44	15.78	9.89	134.01	539.56	-410.41	774.00	750.07	23.93	32.340		
4,600.00	4,484.63	4,473.52	4,472.96	16.22	10.09	135.28	539.37	-410.82	790.83	766.43	24.40	32.407		
4,700.00	4,581.66	4,575.53	4,574.96	16.66	10.30	136.56	538.43	-411.28	807.50	782.62	24.88	32.462		
4,800.00	4,678.69	4,665.57	4,664.99	17.10	10.48	137.71	536.83	-411.05	824.46	799.16	25.31	32.577		
4,900.00	4,775.72	4,759.77	4,759.17	17.55	10.67	138.90	535.34	-409.73	842.73	816.99	25.75	32.732		
5,000.00	4,872.75	4,855.02	4,854.37	17.99	10.86	140.12	533.15	-407.90	861.32	835.14	26.18	32.896		
5,100.00	4,969.78	4,952.45	4,951.77	18.44	11.06	141.29	531.35	-406.04	880.54	853.91	26.63	33.067		
5,200.00	5,066.81	5,053.04	5,052.34	18.89	11.26	142.37	530.10	-405.21	899.65	872.55	27.10	33.203		
5,300.00	5,163.84	5,150.06	5,149.36	19.35	11.46	143.28	529.93	-405.48	918.81	891.24	27.56	33.335		
5,400.00	5,260.87	5,248.54	5,247.84	19.80	11.66	144.11	530.52	-406.24	938.25	910.21	28.04	33.459		
5,500.00	5,357.90	5,346.78	5,346.06	20.26	11.87	144.87	531.40	-407.59	957.56	929.04	28.53	33.569		
5,600.00	5,454.93	5,439.36	5,438.64	20.71	12.06	145.57	532.23	-408.57	977.28	948.29	28.99	33.711		
5,700.00	5,551.96	5,530.47	5,529.73	21.17	12.24	146.22	533.51	-409.19	997.74	968.29	29.45	33.878		
5,800.00	5,648.99	5,625.35	5,624.61	21.63	12.44	146.87	535.04	-409.38	1,018.83	988.90	29.92	34.047		
5,900.00	5,746.02	5,727.89	5,727.11	22.09	12.65	147.51	537.18	-410.29	1,039.73	1,009.30	30.43	34.167		
6,000.00	5,843.05	5,830.02	5,829.18	22.56	12.86	148.05	540.11	-412.10	1,060.44	1,029.49	30.95	34.267		
6,100.00	5,940.08	5,934.42	5,933.52	23.02	13.07	148.59	542.62	-414.72	1,080.35	1,048.88	31.47	34.328		
6,200.00	6,037.11	6,030.60	6,029.63	23.49	13.27	149.04	545.25	-417.22	1,100.45	1,068.48	31.97	34.419		
6,300.00	6,134.14	6,133.09	6,132.04	23.95	13.49	149.51	547.89	-420.32	1,120.18	1,087.68	32.50	34.471		
6,400.00	6,231.54	6,224.91	6,223.76	24.36	13.68	150.80	551.06	-423.41	1,138.66	1,105.70	32.96	34.542		

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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Offset Wellbore Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)			
6,500.00	6,331.02	6,315.66	6,314.42	24.51	13.87	173.16	554.11	-425.62	1,146.47	1,113.14	33.32	34.404		
6,600.00	6,430.70	6,413.20	6,411.93	24.59	14.07	-33.79	556.38	-426.91	1,141.26	1,107.59	33.67	33.897		
6,700.00	6,528.14	6,509.25	6,507.97	24.65	14.27	-34.10	557.20	-427.15	1,123.01	1,089.02	33.98	33.045		
6,800.00	6,620.94	6,595.06	6,593.78	24.74	14.44	-36.29	556.94	-426.34	1,092.64	1,058.36	34.28	31.878		
6,900.00	6,706.80	6,681.74	6,680.45	24.91	14.62	-40.16	556.46	-425.06	1,051.17	1,016.53	34.64	30.343		
7,000.00	6,783.62	6,761.56	6,760.26	25.23	14.78	-45.89	556.03	-423.98	999.93	964.80	35.13	28.461		
7,100.00	6,849.51	6,827.36	6,826.05	25.75	14.91	-53.43	555.22	-422.90	941.07	905.26	35.81	26.278		
7,200.00	6,902.84	6,877.27	6,875.95	26.52	15.02	-62.46	554.90	-422.04	877.69	840.89	36.79	23.854		
7,300.00	6,942.30	6,914.90	6,913.58	27.55	15.09	-72.25	554.90	-421.36	812.96	774.75	38.21	21.275		
7,400.00	6,966.92	6,939.70	6,938.37	28.83	15.14	-81.42	554.94	-420.84	750.43	710.29	40.14	18.695		
7,500.00	6,976.11	6,950.57	6,949.23	30.30	15.16	-88.30	554.96	-420.58	694.01	651.45	42.56	16.306		
7,600.00	6,978.26	6,954.98	6,953.64	31.95	15.17	-88.72	554.97	-420.47	647.64	602.26	45.37	14.273		
7,700.00	6,980.41	6,959.51	6,958.17	33.78	15.18	-89.16	554.97	-420.35	614.15	565.76	48.39	12.693		
7,800.00	6,982.56	6,964.16	6,962.82	35.76	15.19	-89.61	554.98	-420.23	595.71	544.47	51.24	11.626		
7,861.76	6,983.88	6,967.09	6,965.75	37.06	15.20	-89.89	554.99	-420.15	592.51	539.74	52.77	11.228 ES		
7,900.00	6,984.70	6,968.94	6,967.59	37.87	15.20	-90.07	554.99	-420.10	593.74	540.18	53.56	11.086		
8,000.00	6,986.85	6,973.84	6,972.50	40.08	15.21	-90.54	555.00	-419.97	608.39	553.31	55.08	11.046 SF		
8,100.00	6,989.00	6,978.89	6,977.54	42.39	15.22	-91.03	555.01	-419.83	638.51	582.75	55.76	11.451		
8,200.00	6,991.15	6,984.08	6,982.73	44.78	15.23	-91.53	555.02	-419.68	682.05	626.30	55.75	12.234		
8,300.00	6,993.30	6,989.42	6,988.07	47.23	15.24	-92.05	555.03	-419.52	736.65	681.37	55.27	13.327		
8,400.00	6,995.45	6,994.91	6,993.56	49.74	15.25	-92.58	555.04	-419.36	800.03	745.50	54.53	14.671		
8,500.00	6,997.60	7,000.66	6,999.30	52.29	15.27	-93.13	555.06	-419.18	870.28	816.61	53.67	16.216		
8,600.00	6,999.74	7,007.51	7,006.15	54.89	15.28	-93.79	555.07	-418.96	945.86	893.08	52.78	17.920		
8,700.00	7,001.89	7,014.91	7,013.54	57.52	15.30	-94.50	555.09	-418.70	1,025.60	973.68	51.92	19.753		
8,800.00	7,004.04	7,022.93	7,021.56	60.18	15.31	-95.27	555.10	-418.40	1,108.58	1,057.47	51.12	21.688		
8,900.00	7,006.19	7,031.66	7,030.29	62.87	15.33	-96.10	555.12	-418.06	1,194.14	1,143.76	50.37	23.706		

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							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	-137.65	-417.85	-380.91	565.76					
100.00	100.00	79.79	79.79	3.28	3.28	-137.67	-417.99	-380.78	565.42	558.07	7.35	76.880		
200.00	200.00	180.89	180.89	3.30	3.29	-137.72	-418.31	-380.37	565.39	558.00	7.39	76.548		
300.00	300.00	280.94	280.93	3.34	3.32	-46.48	-418.33	-380.07	564.90	557.45	7.45	75.795		
400.00	399.93	379.60	379.60	3.41	3.36	-46.76	-418.18	-380.13	562.43	554.88	7.55	74.485		
500.00	499.68	477.19	477.18	3.49	3.40	-47.29	-418.10	-380.57	557.91	550.23	7.68	72.603		
600.00	599.13	576.46	576.46	3.60	3.47	-48.12	-418.04	-381.41	551.37	543.51	7.86	70.181		
700.00	698.15	675.75	675.74	3.75	3.54	-49.27	-417.95	-382.23	542.59	534.52	8.07	67.254		
800.00	796.63	775.12	775.10	3.93	3.63	-50.77	-417.76	-383.07	531.72	523.39	8.32	63.889		
900.00	894.44	872.91	872.90	4.16	3.72	-52.65	-417.51	-383.82	518.92	510.30	8.62	60.177		
1,000.00	991.57	970.33	970.30	4.44	3.83	-54.79	-417.29	-384.60	504.89	495.92	8.98	56.249		
1,100.00	1,088.60	1,068.19	1,068.17	4.75	3.94	-56.97	-416.99	-385.37	491.22	481.85	9.37	52.423		
1,200.00	1,185.63	1,166.29	1,166.26	5.10	4.06	-59.29	-416.61	-385.97	478.15	468.34	9.81	48.761		
1,300.00	1,282.66	1,264.00	1,263.97	5.46	4.19	-61.71	-416.03	-386.57	465.74	455.46	10.28	45.313		
1,400.00	1,379.69	1,361.57	1,361.53	5.85	4.33	-64.23	-415.29	-387.31	454.13	443.35	10.78	42.112		
1,500.00	1,476.72	1,459.19	1,459.15	6.25	4.47	-66.88	-414.51	-387.93	443.38	432.06	11.32	39.167		
1,600.00	1,573.75	1,557.78	1,557.73	6.66	4.62	-69.64	-413.45	-388.77	433.48	421.59	11.88	36.473		
1,700.00	1,670.78	1,656.10	1,656.04	7.08	4.77	-72.47	-411.96	-389.77	424.26	411.79	12.47	34.017		
1,800.00	1,767.81	1,754.43	1,754.34	7.31	4.93	-75.40	-410.25	-390.91	415.97	403.29	12.68	32.795		
1,900.00	1,864.84	1,852.46	1,852.33	7.38	5.09	-78.29	-408.06	-392.87	408.50	395.56	12.94	31.561		
2,000.00	1,961.87	1,949.90	1,949.72	7.48	5.25	-81.20	-405.80	-395.25	402.14	388.90	13.23	30.387		
2,100.00	2,058.90	2,047.18	2,046.94	7.61	5.42	-84.20	-403.57	-397.55	396.90	383.34	13.55	29.282		
2,200.00	2,155.92	2,143.86	2,143.58	7.77	5.59	-87.28	-401.51	-399.64	392.98	379.08	13.90	28.269		
2,300.00	2,252.95	2,240.78	2,240.46	7.96	5.76	-90.45	-399.66	-401.47	390.53	376.25	14.27	27.362		
2,400.00	2,349.98	2,338.42	2,338.06	8.17	5.94	-93.67	-397.81	-403.27	389.36	374.70	14.66	26.552		
2,442.75	2,391.47	2,380.14	2,379.77	8.27	6.01	-95.06	-397.00	-404.03	389.24	374.41	14.84	26.231		
2,500.00	2,447.01	2,436.17	2,435.78	8.41	6.11	-96.92	-395.89	-405.03	389.44	374.37	15.07	25.840		
2,600.00	2,544.04	2,533.92	2,533.49	8.66	6.29	-100.14	-393.87	-406.92	390.71	375.22	15.49	25.223		
2,700.00	2,641.07	2,630.97	2,630.51	8.94	6.48	-103.33	-391.86	-408.60	393.30	377.38	15.92	24.710		
2,800.00	2,738.10	2,728.30	2,727.81	9.23	6.66	-106.50	-389.89	-410.18	397.24	380.89	16.35	24.300		
2,900.00	2,835.13	2,826.27	2,825.74	9.54	6.85	-109.63	-387.81	-411.74	402.34	385.56	16.78	23.976		
3,000.00	2,932.16	2,924.14	2,923.57	9.86	7.03	-112.66	-385.60	-413.42	408.50	391.29	17.22	23.729		
3,100.00	3,029.19	3,021.45	3,020.84	10.20	7.22	-115.57	-383.43	-415.17	415.79	398.14	17.65	23.560		
3,200.00	3,126.22	3,119.05	3,118.40	10.55	7.41	-118.39	-381.20	-416.86	424.14	406.06	18.08	23.460		
3,300.00	3,223.25	3,216.49	3,215.80	10.91	7.60	-121.17	-378.69	-418.13	433.51	415.00	18.50	23.427		
3,400.00	3,320.28	3,314.16	3,313.42	11.28	7.79	-123.96	-375.53	-418.66	443.79	424.87	18.92	23.454		
3,500.00	3,417.31	3,408.73	3,407.91	11.66	7.98	-126.69	-371.91	-418.10	455.34	436.02	19.32	23.566		
3,600.00	3,514.34	3,499.43	3,498.53	12.05	8.15	-129.29	-368.47	-416.28	468.88	449.18	19.70	23.801		
3,700.00	3,611.37	3,592.48	3,591.48	12.44	8.34	-131.89	-365.22	-413.39	484.43	464.36	20.07	24.133		
3,800.00	3,708.40	3,687.25	3,686.14	12.84	8.52	-134.38	-362.18	-410.08	501.47	481.02	20.45	24.524		
3,900.00	3,805.43	3,777.53	3,776.33	13.25	8.70	-136.57	-359.95	-406.78	520.02	499.21	20.81	24.986		
4,000.00	3,902.46	3,872.08	3,870.80	13.66	8.88	-138.65	-358.53	-403.03	540.19	519.00	21.19	25.488		
4,100.00	3,999.49	3,970.59	3,969.22	14.08	9.07	-140.65	-357.08	-399.33	560.90	539.31	21.59	25.975		
4,200.00	4,096.52	4,070.45	4,069.03	14.50	9.27	-142.48	-355.67	-396.36	581.62	559.61	22.01	26.428		
4,300.00	4,193.55	4,171.90	4,170.44	14.92	9.47	-144.19	-354.03	-394.09	602.15	579.72	22.43	26.841		
4,400.00	4,290.58	4,271.37	4,269.88	15.35	9.67	-145.74	-352.11	-392.55	622.41	599.55	22.86	27.226		
4,500.00	4,387.61	4,369.53	4,368.01	15.78	9.87	-147.18	-350.02	-391.25	642.77	619.48	23.29	27.601		
4,600.00	4,484.63	4,466.72	4,465.17	16.22	10.07	-148.52	-347.82	-390.08	663.34	639.62	23.72	27.969		
4,700.00	4,581.66	4,562.84	4,561.26	16.66	10.26	-149.77	-345.62	-388.90	684.24	660.09	24.15	28.338		
4,800.00	4,678.69	4,658.16	4,656.53	17.10	10.46	-150.99	-342.98	-387.34	705.59	681.02	24.57	28.715		
4,900.00	4,775.72	4,753.22	4,751.53	17.55	10.65	-152.15	-340.22	-385.50	727.45	702.45	25.00	29.098		
5,000.00	4,872.75	4,848.52	4,846.77	17.99	10.85	-153.27	-337.37	-383.42	749.77	724.33	25.43	29.481		
5,100.00	4,969.78	4,944.88	4,943.05	18.44	11.05	-154.34	-334.49	-381.22	772.44	746.57	25.87	29.856		
5,200.00	5,066.81	5,042.33	5,040.44	18.89	11.25	-155.34	-331.72	-379.14	795.28	768.96	26.32	30.214		
5,300.00	5,163.84	5,140.20	5,138.27	19.35	11.45	-156.26	-329.24	-377.34	818.19	791.41	26.78	30.553		
5,400.00	5,260.87	5,237.76	5,235.78	19.80	11.65	-157.12	-326.85	-375.76	841.12	813.88	27.24	30.877		
5,500.00	5,357.90	5,334.04	5,332.02	20.26	11.85	-157.92	-324.52	-374.24	864.18	836.48	27.70	31.195		
5,600.00	5,454.93	5,429.92	5,427.85	20.71	12.05	-158.71	-321.88	-372.52	887.49	859.33	28.16	31.512		
5,700.00	5,551.96	5,527.95	5,525.82	21.17	12.25	-159.47	-319.04	-370.74	910.94	882.30	28.64	31.812		
5,800.00	5,648.99	5,627.72	5,625.54	21.63	12.46	-160.20	-316.26	-369.32	934.19	905.07	29.12	32.082		
5,900.00	5,746.02	5,724.22	5,722.01	22.09	12.66	-160.85	-313.86	-368.16	957.45	927.86	29.59	32.352		
6,000.00	5,843.05	5,820.00	5,817.76	22.56	12.86	-161.45	-311.73	-367.05	980.87	950.80	30.07	32.617		
6,100.00	5,940.08	5,914.66	5,912.39	23.02	13.06	-162.00	-309.84	-365.83	1,004.56	974.01	30.55	32.884		
6,200.00	6,037.11	6,011.62	6,009.33	23.49	13.26	-162.53	-308.14	-364.58	1,028.41	997.37	31.04	33.134		
6,300.00	6,134.14	6,108.37	6,106.06	23.95	13.47	-163.02	-306.70	-363.41	1,052.33	1,020.80	31.53	33.375		
6,400.00	6,231.54	6,208.43	6,206.10	24.36	13.68	-163.11	-305.17	-362.33	1,074.54	1,042.53	32.01	33.570		

Offset Design5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,331.02	6,312.17	6,309.82	24.51	13.89	-141.59	-303.28	-361.51	1,083.58	1,051.19	32.39	33.459	
6,600.00	6,430.70	6,413.73	6,411.36	24.59	14.11	12.11	-301.21	-360.95	1,077.16	1,044.46	32.70	32.939	
6,700.00	6,528.14	6,512.53	6,510.14	24.65	14.32	14.02	-299.23	-360.55	1,055.58	1,022.62	32.96	32.024	
6,800.00	6,620.94	6,608.73	6,606.32	24.74	14.52	15.79	-297.38	-360.42	1,019.33	986.14	33.19	30.713	
6,900.00	6,706.80	6,682.32	6,679.90	24.91	14.68	18.19	-296.47	-360.03	970.07	936.75	33.33	29.107	
7,000.00	6,783.62	6,752.35	6,749.93	25.23	14.82	21.85	-296.35	-359.17	909.47	875.97	33.50	27.151	
7,100.00	6,849.51	6,815.06	6,812.62	25.75	14.95	27.55	-296.80	-358.12	838.87	805.13	33.74	24.864	
7,200.00	6,902.84	6,869.62	6,867.18	26.52	15.06	36.66	-297.48	-357.18	760.01	725.88	34.13	22.269	
7,300.00	6,942.30	6,910.92	6,908.46	27.55	15.14	50.54	-298.15	-356.52	675.29	640.53	34.75	19.431	
7,400.00	6,966.92	6,937.97	6,935.51	28.83	15.20	68.90	-298.65	-356.15	587.63	551.86	35.77	16.428	
7,500.00	6,976.11	6,948.63	6,946.16	30.30	15.22	85.81	-298.86	-356.03	500.65	463.27	37.39	13.391	
7,600.00	6,978.26	6,951.91	6,949.44	31.95	15.23	86.53	-298.93	-356.00	418.70	378.76	39.95	10.481	
7,700.00	6,980.41	6,955.12	6,952.66	33.78	15.23	87.23	-299.00	-355.96	346.34	302.49	43.85	7.898	
7,800.00	6,982.56	6,958.27	6,955.80	35.76	15.24	87.92	-299.06	-355.93	290.81	241.81	49.00	5.935	
7,900.00	6,984.70	6,961.34	6,958.88	37.87	15.25	88.60	-299.13	-355.90	262.99	209.43	53.57	4.910	
7,927.08	6,985.29	6,962.17	6,959.70	38.47	15.25	88.78	-299.15	-355.90	261.60	207.32	54.28	4.820	CC, ES, SF
8,000.00	6,986.85	6,964.36	6,961.89	40.08	15.25	89.26	-299.19	-355.88	271.56	217.03	54.53	4.980	
8,100.00	6,989.00	6,967.31	6,964.84	42.39	15.26	89.90	-299.26	-355.85	313.54	261.49	52.04	6.025	
8,200.00	6,991.15	6,970.20	6,967.73	44.78	15.26	90.53	-299.32	-355.82	377.95	329.30	48.65	7.768	
8,300.00	6,993.30	6,973.04	6,970.57	47.23	15.27	91.15	-299.38	-355.80	455.38	409.65	45.73	9.957	
8,400.00	6,995.45	6,975.82	6,973.34	49.74	15.28	91.76	-299.44	-355.78	540.26	496.76	43.51	12.418	
8,500.00	6,997.60	6,978.54	6,976.07	52.29	15.28	92.36	-299.50	-355.76	629.58	587.74	41.85	15.044	
8,600.00	6,999.74	6,981.21	6,978.74	54.89	15.29	92.94	-299.57	-355.74	721.70	681.10	40.61	17.773	
8,700.00	7,001.89	6,983.83	6,981.35	57.52	15.29	93.51	-299.63	-355.72	815.67	776.01	39.66	20.567	
8,800.00	7,004.04	6,986.40	6,983.92	60.18	15.30	94.06	-299.68	-355.70	910.91	871.99	38.93	23.402	
8,900.00	7,006.19	6,988.92	6,986.44	62.87	15.30	94.61	-299.74	-355.68	1,007.07	968.73	38.35	26.263	
9,000.00	7,008.34	6,991.39	6,988.91	65.58	15.31	95.15	-299.80	-355.67	1,103.91	1,066.03	37.88	29.140	

Offset Design		5N-66W-08 Offsets Need HZ - MOEN 8-7H6 - SRC Energy SI Well - No Surveys											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference	Offset		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)				
15,200.00	7,141.54	7,016.54	7,016.54	245.36	246.86	88.66	-835.57	7,770.91	1,163.14	748.87	414.27	2.808		
15,300.00	7,143.69	7,018.69	7,018.69	248.30	246.94	88.82	-835.57	7,770.91	1,091.63	664.41	427.22	2.555		
15,400.00	7,145.84	7,020.84	7,020.84	251.25	247.02	88.97	-835.57	7,770.91	1,024.89	583.80	441.09	2.324		
15,500.00	7,147.99	7,022.99	7,022.99	254.20	247.09	89.13	-835.57	7,770.91	963.91	508.25	455.66	2.115		
15,600.00	7,150.13	7,025.13	7,025.13	257.15	247.17	89.29	-835.57	7,770.91	909.87	439.37	470.50	1.934		
15,700.00	7,152.28	7,027.28	7,027.28	260.09	247.24	89.44	-835.57	7,770.91	864.05	379.09	484.96	1.782		
15,800.00	7,154.43	7,029.43	7,029.43	263.04	247.32	89.60	-835.57	7,770.91	827.82	329.70	498.12	1.662		
15,900.00	7,156.58	7,031.58	7,031.58	265.99	247.40	89.76	-835.57	7,770.91	802.49	293.57	508.91	1.577		
16,000.00	7,158.73	7,033.73	7,033.73	268.94	247.47	89.91	-835.57	7,770.91	789.10	272.78	516.32	1.528		
16,056.60	7,159.94	7,034.94	7,034.94	270.61	247.51	90.00	-835.57	7,770.91	787.07	268.36	518.71	1.517	CC, ES	
16,100.00	7,160.88	7,035.88	7,035.88	271.89	247.55	90.07	-835.57	7,770.91	788.26	268.66	519.61	1.517	SF	
16,200.00	7,163.02	7,038.02	7,038.02	274.84	247.62	90.22	-835.57	7,770.91	800.02	281.41	518.61	1.543		
16,300.00	7,165.17	7,040.17	7,040.17	277.79	247.70	90.38	-835.57	7,770.91	823.83	310.09	513.73	1.604		
16,400.00	7,167.32	7,042.32	7,042.32	280.74	247.78	90.54	-835.57	7,770.91	858.69	352.88	505.81	1.698		
16,500.00	7,169.47	7,044.47	7,044.47	283.69	247.85	90.69	-835.57	7,770.91	903.32	407.50	495.82	1.822		
16,600.00	7,171.62	7,046.62	7,046.62	286.64	247.93	90.85	-835.57	7,770.91	956.36	471.64	484.72	1.973		
16,700.00	7,173.77	7,048.77	7,048.77	289.59	248.00	91.01	-835.57	7,770.91	1,016.49	543.26	473.23	2.148		
16,800.00	7,175.91	7,050.91	7,050.91	292.54	248.08	91.16	-835.57	7,770.91	1,082.53	620.64	461.89	2.344		
16,900.00	7,178.06	7,053.06	7,053.06	295.50	248.16	91.32	-835.57	7,770.91	1,153.46	702.44	451.02	2.557		

Offset Design		5N-66W-08 Offsets Need HZ - MOEN J 8-8 - SRC Energy SI Well - No Surveys											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,300.00	7,165.17	7,036.17	7,036.17	277.79	247.56	87.72	-598.35	9,030.52	1,154.39	772.80	381.59	3.025		
16,400.00	7,167.32	7,038.32	7,038.32	280.74	247.63	87.94	-598.35	9,030.52	1,067.46	673.71	393.75	2.711		
16,500.00	7,169.47	7,040.47	7,040.47	283.69	247.71	88.17	-598.35	9,030.52	983.01	575.34	407.68	2.411		
16,600.00	7,171.62	7,042.62	7,042.62	286.64	247.79	88.39	-598.35	9,030.52	901.75	478.13	423.62	2.129		
16,700.00	7,173.77	7,044.77	7,044.77	289.59	247.86	88.62	-598.35	9,030.52	824.60	382.83	441.78	1.867		
16,800.00	7,175.91	7,046.91	7,046.91	292.54	247.94	88.84	-598.35	9,030.52	752.85	290.68	462.17	1.629		
16,900.00	7,178.06	7,049.06	7,049.06	295.50	248.02	89.07	-598.35	9,030.52	688.18	203.75	484.44	1.421	Level 3	
17,000.00	7,180.21	7,051.21	7,051.21	298.45	248.09	89.29	-598.35	9,030.52	632.77	125.25	507.52	1.247	Level 2	
17,100.00	7,182.36	7,053.36	7,053.36	301.40	248.17	89.51	-598.35	9,030.52	589.22	59.92	529.31	1.113	Level 2	
17,200.00	7,184.51	7,055.51	7,055.51	304.35	248.24	89.74	-598.35	9,030.52	560.33	13.70	546.63	1.025	Level 2	
17,300.00	7,186.66	7,057.66	7,057.66	307.30	248.32	89.96	-598.35	9,030.52	548.39	-7.68	556.08	0.986	Level 1	
17,316.18	7,187.00	7,058.00	7,058.00	307.78	248.33	90.00	-598.35	9,030.52	548.16	-8.54	556.70	0.985	Level 1, CC, ES, SF	
17,400.00	7,188.81	7,059.81	7,059.81	310.26	248.40	90.19	-598.35	9,030.52	554.53	-1.16	555.68	0.998	Level 1	
17,455.61	7,190.00	7,061.00	7,061.00	311.90	248.44	90.31	-598.35	9,030.52	565.60	14.27	551.34	1.026	Level 2	

Offset Design		5N-66W-08 Offsets Need HZ - TC AIMS 1-9-11 - Extraction PR Well (Plan Only) - Planned Extraction Su											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	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)			
17,200.00	7,184.51	6,935.53	6,787.73	304.35	33.84	71.05	-972.23	9,590.35	1,182.15	912.03	270.12	4.376		
17,300.00	7,186.66	6,957.77	6,807.14	307.30	34.11	72.11	-971.05	9,601.14	1,128.01	843.82	284.20	3.969		
17,400.00	7,188.81	7,000.00	6,842.79	310.26	34.61	74.07	-968.88	9,623.66	1,079.56	781.47	298.09	3.622		
17,455.61	7,190.00	7,000.00	6,842.79	311.90	34.61	74.07	-968.88	9,623.66	1,054.73	748.79	305.94	3.448 CC, ES, SF		

Offset Design		5N-66W-08 Offsets Need HZ - TC AIMS C4-9-11 - Extraction PR Well (Plan Only) - Planned Extraction										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	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)		
17,400.00	7,188.81	7,054.69	6,931.01	310.26	32.87	80.91	-1,121.97	9,563.56	1,172.95	857.38	315.56	3.717	
17,455.61	7,190.00	7,066.84	6,942.27	311.90	32.98	81.49	-1,121.83	9,568.11	1,152.82	830.49	322.32	3.577	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 1-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,900.00	7,178.06	7,000.00	6,652.70	295.50	49.88	-53.75	559.76	9,523.33	1,174.57	986.98	187.59	6.261	
17,000.00	7,180.21	7,026.11	6,677.00	298.45	50.12	-55.58	567.37	9,529.07	1,099.25	898.52	200.72	5.476	
17,100.00	7,182.36	7,037.53	6,687.55	301.40	50.22	-56.39	570.68	9,531.94	1,028.21	814.11	214.10	4.803	
17,200.00	7,184.51	7,050.75	6,699.69	304.35	50.34	-57.33	574.48	9,535.55	961.97	733.11	228.86	4.203	
17,300.00	7,186.66	7,066.21	6,713.78	307.30	50.48	-58.43	578.89	9,540.13	901.49	656.50	244.99	3.680	
17,400.00	7,188.81	7,100.00	6,744.13	310.26	50.79	-60.82	588.38	9,551.53	848.12	584.43	263.69	3.216	
17,455.61	7,190.00	7,100.00	6,744.13	311.90	50.79	-60.82	588.38	9,551.53	821.46	548.70	272.76	3.012 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)		
16,800.00	7,175.91	6,942.26	6,692.18	292.54	45.27	-38.34	272.33	9,538.60	1,140.39	1,019.72	120.68	9.450	
16,900.00	7,178.06	6,953.54	6,702.68	295.50	45.36	-39.28	274.79	9,541.91	1,052.27	923.64	128.63	8.181	
17,000.00	7,180.21	6,966.30	6,714.48	298.45	45.47	-40.36	277.54	9,545.91	966.06	828.11	137.95	7.003	
17,100.00	7,182.36	7,000.00	6,745.20	301.40	45.75	-43.31	284.71	9,557.77	882.72	732.81	149.91	5.888	
17,200.00	7,184.51	7,000.00	6,745.20	304.35	45.75	-43.31	284.71	9,557.77	801.41	639.30	162.11	4.944	
17,300.00	7,186.66	7,000.00	6,745.20	307.30	45.75	-43.31	284.71	9,557.77	724.78	548.52	176.26	4.112	
17,400.00	7,188.81	7,039.22	6,780.02	310.26	46.16	-46.91	292.83	9,573.87	652.27	456.36	195.91	3.329	
17,455.61	7,190.00	7,053.40	6,792.33	311.90	46.31	-48.25	295.69	9,580.29	614.80	407.17	207.62	2.961	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,700.00	7,173.77	6,937.12	6,703.94	289.59	41.31	-0.70	-46.00	9,542.72	1,187.87	1,125.65	62.22	19.091	
16,800.00	7,175.91	6,948.40	6,714.39	292.54	41.41	-1.06	-43.74	9,546.30	1,093.99	1,030.31	63.69	17.178	
16,900.00	7,178.06	6,961.03	6,726.01	295.50	41.52	-1.47	-41.24	9,550.55	1,000.89	935.50	65.39	15.307	
17,000.00	7,180.21	7,000.00	6,761.27	298.45	41.87	-2.90	-33.65	9,565.32	909.58	843.46	66.12	13.756	
17,100.00	7,182.36	7,000.00	6,761.27	301.40	41.87	-2.90	-33.65	9,565.32	817.76	748.54	69.22	11.814	
17,200.00	7,184.51	7,000.00	6,761.27	304.35	41.87	-2.90	-33.65	9,565.32	728.10	654.94	73.16	9.952	
17,300.00	7,186.66	7,030.81	6,788.39	307.30	42.22	-4.21	-27.82	9,578.70	639.95	563.99	75.96	8.425	
17,400.00	7,188.81	7,055.21	6,809.35	310.26	42.50	-5.38	-23.32	9,590.35	554.05	473.82	80.24	6.905	
17,455.61	7,190.00	7,070.47	6,822.21	311.90	42.67	-6.18	-20.56	9,598.09	507.41	424.28	83.13	6.104	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,800.00	7,175.91	6,930.64	6,730.09	292.54	37.89	39.69	-359.75	9,556.30	1,141.28	1,024.70	116.58	9.790	
16,900.00	7,178.06	6,944.20	6,742.48	295.50	38.03	40.43	-357.49	9,561.31	1,051.32	927.44	123.88	8.487	
17,000.00	7,180.21	6,959.41	6,756.24	298.45	38.18	41.29	-354.98	9,567.28	962.73	830.43	132.30	7.277	
17,100.00	7,182.36	7,000.00	6,792.15	301.40	38.58	43.76	-348.44	9,585.02	876.59	736.04	140.56	6.237	
17,200.00	7,184.51	7,000.00	6,792.15	304.35	38.58	43.76	-348.44	9,585.02	790.99	637.75	153.23	5.162	
17,300.00	7,186.66	7,000.00	6,792.15	307.30	38.58	43.76	-348.44	9,585.02	709.15	540.92	168.23	4.215	
17,400.00	7,188.81	7,043.74	6,829.36	310.26	39.14	46.70	-341.68	9,606.97	629.51	446.54	182.97	3.440	
17,455.61	7,190.00	7,059.59	6,842.42	311.90	39.34	47.84	-339.31	9,615.63	587.18	394.07	193.11	3.041	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,900.00	7,178.06	6,900.00	6,738.96	295.50	34.89	59.44	-664.78	9,563.72	1,181.18	994.04	187.13	6.312	
17,000.00	7,180.21	6,900.00	6,738.96	298.45	34.89	59.44	-664.78	9,563.72	1,103.09	903.05	200.04	5.514	
17,100.00	7,182.36	6,941.12	6,776.15	301.40	35.35	61.88	-660.27	9,580.68	1,026.76	813.36	213.40	4.812	
17,200.00	7,184.51	6,960.92	6,793.59	304.35	35.57	63.08	-658.16	9,589.79	954.67	726.05	228.63	4.176	
17,300.00	7,186.66	7,000.00	6,827.07	307.30	36.00	65.46	-654.12	9,609.54	887.18	642.58	244.60	3.627	
17,400.00	7,188.81	7,000.00	6,827.07	310.26	36.00	65.46	-654.12	9,609.54	824.13	561.00	263.12	3.132	
17,455.61	7,190.00	7,025.23	6,847.94	311.90	36.36	67.02	-651.61	9,623.48	791.57	518.43	273.14	2.898 CC, ES, SF	

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST A2-9-11 - Extraction PR Well (Plan Only) - P										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	+E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
16,700.00	7,173.77	6,951.12	6,694.20	289.59	43.25	-20.81	103.62	9,538.80	1,196.74	1,116.04	80.70	14.830	
16,800.00	7,175.91	6,961.73	6,704.04	292.54	43.34	-21.58	106.04	9,541.92	1,104.03	1,019.37	84.67	13.040	
16,900.00	7,178.06	7,000.00	6,739.05	295.50	43.68	-24.57	114.65	9,554.74	1,013.28	923.19	90.09	11.247	
17,000.00	7,180.21	7,000.00	6,739.05	298.45	43.68	-24.57	114.65	9,554.74	922.17	826.69	95.48	9.658	
17,100.00	7,182.36	7,000.00	6,739.05	301.40	43.68	-24.57	114.65	9,554.74	833.09	731.13	101.96	8.171	
17,200.00	7,184.51	7,000.00	6,739.05	304.35	43.68	-24.57	114.65	9,554.74	746.78	637.01	109.77	6.803	
17,300.00	7,186.66	7,039.86	6,774.56	307.30	44.11	-28.06	123.37	9,570.62	661.84	540.50	121.33	5.455	
17,400.00	7,188.81	7,063.25	6,794.86	310.26	44.36	-30.29	128.35	9,581.10	580.77	445.80	134.98	4.303	
17,455.61	7,190.00	7,077.95	6,807.39	311.90	44.52	-31.77	131.43	9,588.13	537.51	393.31	144.19	3.728 CC, ES, SF	

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST C1-9-11 - Extraction PR Well (Plan Only) -										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,000.00	7,180.21	7,060.37	6,723.18	298.45	51.29	-63.14	691.20	9,496.90	1,135.37	908.98	226.39	5.015	
17,100.00	7,182.36	7,079.11	6,740.90	301.40	51.44	-64.40	696.47	9,500.04	1,069.65	828.70	240.95	4.439	
17,200.00	7,184.51	7,102.14	6,758.62	304.35	51.63	-65.66	701.74	9,503.19	1,009.22	752.65	256.57	3.933	
17,300.00	7,186.66	7,116.61	6,776.33	307.30	51.74	-66.93	707.01	9,506.33	955.09	682.07	273.02	3.498	
17,400.00	7,188.81	7,135.36	6,794.05	310.26	51.89	-68.21	712.28	9,509.47	908.38	618.43	289.95	3.133	
17,455.61	7,190.00	7,145.79	6,803.90	311.90	51.98	-68.92	715.21	9,511.22	886.07	586.73	299.34	2.960	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST C3-9-11 - Extraction PR Well (Plan Only) -										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,800.00	7,175.91	7,000.00	6,863.03	292.54	35.18	62.43	-506.44	9,537.71	1,140.59	990.46	150.12	7.598	
16,900.00	7,178.06	7,000.00	6,863.03	295.50	35.18	62.43	-506.44	9,537.71	1,052.28	890.78	161.50	6.516	
17,000.00	7,180.21	7,000.00	6,863.03	298.45	35.18	62.43	-506.44	9,537.71	966.25	791.62	174.63	5.533	
17,100.00	7,182.36	7,038.07	6,899.41	301.40	35.49	65.93	-502.36	9,548.13	881.24	692.43	188.81	4.667	
17,200.00	7,184.51	7,052.99	6,913.47	304.35	35.61	67.35	-500.79	9,552.87	800.13	594.13	206.01	3.884	
17,300.00	7,186.66	7,070.33	6,929.65	307.30	35.75	69.04	-498.98	9,558.84	722.99	497.13	225.86	3.201	
17,400.00	7,188.81	7,100.00	6,956.88	310.26	35.99	71.99	-495.94	9,570.19	651.11	403.05	248.06	2.625	
17,455.61	7,190.00	7,100.00	6,956.88	311.90	35.99	71.99	-495.94	9,570.19	613.75	351.36	262.39	2.339	CC, ES, SF

Offset Design		5N-66W-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
17,200.00	7,184.51	7,064.30	6,634.99	304.35	55.01	-62.94	858.04	9,515.00	1,178.29	912.81	265.48	4.438	
17,300.00	7,186.66	7,084.73	6,653.85	307.30	55.20	-64.06	864.92	9,518.78	1,131.45	852.17	279.28	4.051	
17,400.00	7,188.81	7,096.15	6,664.37	310.26	55.30	-64.68	868.76	9,521.02	1,091.49	799.14	292.35	3.733	
17,455.61	7,190.00	7,100.00	6,667.90	311.90	55.33	-64.89	870.05	9,521.83	1,072.56	773.32	299.24	3.584	CC, ES, SF

Offset Design5N-66W-08 Offsets Need HZ - WHITE 8-1 - Extraction PR Well - No Surveys											Offset Site Error:		0.00 usft	
Survey Program: 100-SRC Energy_2° CONE_2.448											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	7,085.68	7,022.68	7,022.68	168.94	247.08	-87.04	384.19	5,349.27	1,118.27	803.71	314.56	3.555		
12,700.00	7,087.83	7,024.83	7,024.83	171.87	247.16	-87.33	384.19	5,349.27	1,026.68	705.27	321.41	3.194		
12,800.00	7,089.98	7,026.98	7,026.98	174.80	247.23	-87.61	384.19	5,349.27	936.80	607.32	329.48	2.843		
12,900.00	7,092.13	7,029.13	7,029.13	177.73	247.31	-87.90	384.19	5,349.27	849.19	510.12	339.06	2.505		
13,000.00	7,094.27	7,031.27	7,031.27	180.66	247.38	-88.19	384.19	5,349.27	764.61	414.12	350.49	2.182		
13,100.00	7,096.42	7,033.42	7,033.42	183.60	247.46	-88.47	384.19	5,349.27	684.20	320.11	364.09	1.879		
13,200.00	7,098.57	7,035.57	7,035.57	186.53	247.54	-88.76	384.19	5,349.27	609.61	229.50	380.10	1.604		
13,300.00	7,100.72	7,037.72	7,037.72	189.47	247.61	-89.05	384.19	5,349.27	543.23	144.89	398.34	1.364	Level 3	
13,400.00	7,102.87	7,039.87	7,039.87	192.40	247.69	-89.33	384.19	5,349.27	488.44	70.83	417.61	1.170	Level 2	
13,500.00	7,105.02	7,042.02	7,042.02	195.34	247.77	-89.62	384.19	5,349.27	449.49	14.47	435.02	1.033	Level 2	
13,600.00	7,107.17	7,044.17	7,044.17	198.28	247.84	-89.91	384.19	5,349.27	430.70	-15.43	446.12	0.965	Level 1	
13,632.76	7,107.87	7,044.87	7,044.87	199.24	247.87	-90.00	384.19	5,349.27	429.45	-18.24	447.69	0.959	Level 1, CC, ES, SF	
13,700.00	7,109.31	7,046.31	7,046.31	201.21	247.92	-90.19	384.19	5,349.27	434.68	-12.66	447.34	0.972	Level 1	
13,800.00	7,111.46	7,048.46	7,048.46	204.15	247.99	-90.48	384.19	5,349.27	460.85	21.85	439.00	1.050	Level 2	
13,900.00	7,113.61	7,050.61	7,050.61	207.09	248.07	-90.77	384.19	5,349.27	505.78	80.92	424.86	1.190	Level 2	
14,000.00	7,115.76	7,052.76	7,052.76	210.03	248.15	-91.05	384.19	5,349.27	565.00	156.04	408.96	1.382	Level 3	
14,100.00	7,117.91	7,054.91	7,054.91	212.97	248.22	-91.34	384.19	5,349.27	634.54	240.78	393.76	1.611		
14,200.00	7,120.06	7,057.06	7,057.06	215.91	248.30	-91.63	384.19	5,349.27	711.36	331.08	380.28	1.871		
14,300.00	7,122.20	7,059.20	7,059.20	218.86	248.37	-91.91	384.19	5,349.27	793.37	424.66	368.70	2.152		
14,400.00	7,124.35	7,061.35	7,061.35	221.80	248.45	-92.20	384.19	5,349.27	879.10	520.21	358.89	2.449		
14,500.00	7,126.50	7,063.50	7,063.50	224.74	248.53	-92.48	384.19	5,349.27	967.57	616.98	350.58	2.760		
14,600.00	7,128.65	7,065.65	7,065.65	227.69	248.60	-92.77	384.19	5,349.27	1,058.09	714.55	343.54	3.080		
14,700.00	7,130.80	7,067.80	7,067.80	230.63	248.68	-93.06	384.19	5,349.27	1,150.17	812.65	337.53	3.408		

Offset Design		5N-66W-08 Offsets Need HZ - WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surveys										Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7600-SRC Energy_2" CONE 2.448										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							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)			
13,700.00	7,109.31	7,192.30	6,946.34	201.21	18.52	-83.70	629.42	6,381.99	1,179.63	1,045.08	134.55	8.767		
13,800.00	7,111.46	7,189.04	6,943.12	204.15	18.52	-83.42	628.92	6,382.16	1,099.44	955.02	144.42	7.613		
13,900.00	7,113.61	7,185.77	6,939.90	207.09	18.51	-83.15	628.41	6,382.33	1,022.73	867.33	155.39	6.582		
14,000.00	7,115.76	7,182.51	6,936.68	210.03	18.50	-82.87	627.91	6,382.51	950.35	782.86	167.49	5.674		
14,100.00	7,117.91	7,179.24	6,933.45	212.97	18.50	-82.60	627.40	6,382.68	883.37	702.74	180.62	4.891		
14,200.00	7,120.06	7,175.97	6,930.23	215.91	18.49	-82.32	626.89	6,382.85	823.09	628.60	194.49	4.232		
14,300.00	7,122.20	7,172.69	6,927.00	218.86	18.49	-82.04	626.38	6,383.03	771.11	562.58	208.53	3.698		
14,400.00	7,124.35	7,169.42	6,923.77	221.80	18.48	-81.77	625.87	6,383.20	729.19	507.37	221.82	3.287		
14,500.00	7,126.50	7,166.14	6,920.53	224.74	18.47	-81.49	625.36	6,383.37	699.14	466.05	233.09	2.999		
14,600.00	7,128.65	7,162.86	6,917.30	227.69	18.47	-81.22	624.85	6,383.55	682.55	441.54	241.01	2.832		
14,664.79	7,130.04	7,160.73	6,915.20	229.59	18.46	-81.04	624.52	6,383.66	679.47	435.64	243.83	2.787	CC, ES	
14,700.00	7,130.80	7,159.58	6,914.06	230.63	18.46	-80.94	624.34	6,383.72	680.38	435.85	244.53	2.782	SF	
14,800.00	7,132.95	7,156.29	6,910.82	233.57	18.46	-80.66	623.83	6,383.89	692.77	449.42	243.35	2.847		
14,900.00	7,135.09	7,153.00	6,907.58	236.52	18.45	-80.38	623.32	6,384.07	718.98	480.97	238.02	3.021		
15,000.00	7,137.24	7,149.71	6,904.33	239.46	18.44	-80.11	622.80	6,384.24	757.57	527.95	229.63	3.299		
15,100.00	7,139.39	7,146.42	6,901.09	242.41	18.44	-79.83	622.29	6,384.42	806.77	587.34	219.43	3.677		
15,200.00	7,141.54	7,143.13	6,897.84	245.36	18.43	-79.55	621.77	6,384.59	864.77	656.28	208.49	4.148		
15,300.00	7,143.69	7,139.83	6,894.59	248.30	18.42	-79.28	621.26	6,384.77	929.91	732.34	197.57	4.707		
15,400.00	7,145.84	7,136.53	6,891.33	251.25	18.42	-79.00	620.74	6,384.94	1,000.82	813.69	187.13	5.348		
15,500.00	7,147.99	7,133.23	6,888.08	254.20	18.41	-78.72	620.22	6,385.11	1,076.34	898.94	177.40	6.067		
15,600.00	7,150.13	7,129.93	6,884.82	257.15	18.41	-78.44	619.71	6,385.29	1,155.58	987.09	168.49	6.858		

Offset Design5N-66W-08 Offsets Need HZ - WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES Surveys													Offset Site Error:		0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2" CONE_2.448													Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							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)				
12,400.00	7,081.38	6,977.18	6,976.52	163.09	15.23	87.70	-652.03	5,118.60	1,172.59	1,070.85	101.74	11.525			
12,500.00	7,083.53	6,979.52	6,978.87	166.01	15.23	87.92	-652.03	5,118.61	1,088.29	978.57	109.72	9.919			
12,600.00	7,085.68	6,981.89	6,981.23	168.94	15.24	88.14	-652.02	5,118.62	1,006.87	888.08	118.79	8.476			
12,700.00	7,087.83	6,984.27	6,983.62	171.87	15.24	88.37	-652.02	5,118.63	929.07	800.03	129.04	7.200			
12,800.00	7,089.98	6,986.67	6,986.02	174.80	15.25	88.59	-652.02	5,118.64	855.89	715.35	140.54	6.090			
12,900.00	7,092.13	6,989.10	6,988.44	177.73	15.25	88.82	-652.02	5,118.65	788.61	635.42	153.19	5.148			
13,000.00	7,094.27	6,991.54	6,990.89	180.66	15.26	89.05	-652.01	5,118.66	728.88	562.20	166.67	4.373			
13,100.00	7,096.42	6,994.01	6,993.35	183.60	15.26	89.28	-652.01	5,118.67	678.68	498.40	180.27	3.765			
13,200.00	7,098.57	6,996.49	6,995.84	186.53	15.27	89.52	-652.01	5,118.69	640.25	447.47	192.78	3.321			
13,300.00	7,100.72	6,999.00	6,998.35	189.47	15.27	89.75	-652.01	5,118.70	615.82	413.22	202.61	3.040			
13,400.00	7,102.87	7,001.66	7,001.01	192.40	15.28	90.01	-652.01	5,118.71	607.07	398.88	208.19	2.916			
13,403.55	7,102.94	7,001.76	7,001.11	192.51	15.28	90.02	-652.01	5,118.71	607.06	398.76	208.30	2.914	CC, ES, SF		
13,500.00	7,105.02	7,004.41	7,003.76	195.34	15.29	90.27	-652.01	5,118.72	614.67	405.94	208.73	2.945			
13,600.00	7,107.17	7,007.14	7,006.48	198.28	15.29	90.52	-652.01	5,118.74	638.03	433.51	204.52	3.120			
13,700.00	7,109.31	7,009.85	7,009.20	201.21	15.30	90.78	-652.01	5,118.75	675.53	478.74	196.80	3.433			
13,800.00	7,111.46	7,012.55	7,011.90	204.15	15.30	91.03	-652.00	5,118.76	724.97	537.92	187.06	3.876			
13,900.00	7,113.61	7,015.23	7,014.58	207.09	15.31	91.29	-652.00	5,118.77	784.10	607.51	176.59	4.440			
14,000.00	7,115.76	7,017.90	7,017.24	210.03	15.31	91.54	-652.00	5,118.79	850.90	684.64	166.25	5.118			
14,100.00	7,117.91	7,020.55	7,019.90	212.97	15.32	91.79	-651.99	5,118.80	923.70	767.16	156.54	5.901			
14,200.00	7,120.06	7,023.19	7,022.53	215.91	15.32	92.04	-651.99	5,118.81	1,001.20	853.56	147.65	6.781			
14,300.00	7,122.20	7,025.81	7,025.15	218.86	15.33	92.28	-651.98	5,118.82	1,082.40	942.76	139.64	7.751			
14,400.00	7,124.35	7,028.42	7,027.76	221.80	15.33	92.53	-651.98	5,118.83	1,166.51	1,034.03	132.48	8.805			

Offset Design		5N-66W-08 Offsets Need HZ - WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
13,800.00	7,111.46	7,000.22	6,999.57	204.15	15.34	89.24	-826.46	6,372.70	1,159.36	1,005.37	153.99	7.529			
13,900.00	7,113.61	7,001.88	7,001.24	207.09	15.34	89.36	-826.45	6,372.69	1,087.45	922.41	165.04	6.589			
14,000.00	7,115.76	7,003.57	7,002.93	210.03	15.35	89.49	-826.45	6,372.68	1,020.28	843.35	176.93	5.767			
14,100.00	7,117.91	7,005.29	7,004.64	212.97	15.35	89.61	-826.44	6,372.67	958.85	769.38	189.47	5.061			
14,200.00	7,120.06	7,007.03	7,006.38	215.91	15.35	89.74	-826.43	6,372.67	904.33	702.00	202.33	4.470			
14,300.00	7,122.20	7,008.80	7,008.15	218.86	15.36	89.87	-826.42	6,372.66	858.03	643.09	214.94	3.992			
14,400.00	7,124.35	7,010.59	7,009.95	221.80	15.36	90.00	-826.41	6,372.65	821.35	594.82	226.53	3.626			
14,500.00	7,126.50	7,012.42	7,011.77	224.74	15.36	90.14	-826.40	6,372.64	795.62	559.47	236.16	3.369			
14,600.00	7,128.65	7,014.27	7,013.63	227.69	15.37	90.27	-826.39	6,372.63	781.92	539.01	242.91	3.219			
14,658.09	7,129.90	7,015.36	7,014.72	229.40	15.37	90.35	-826.38	6,372.63	779.76	534.52	245.25	3.180	CC, ES		
14,700.00	7,130.80	7,014.35	7,013.70	230.63	15.37	90.28	-826.40	6,372.63	780.91	534.76	246.15	3.173	SF		
14,800.00	7,132.95	7,016.03	7,015.38	233.57	15.37	90.40	-826.40	6,372.62	792.59	546.91	245.68	3.226			
14,900.00	7,135.09	7,017.73	7,017.09	236.52	15.37	90.53	-826.39	6,372.62	816.44	574.61	241.84	3.376			
15,000.00	7,137.24	7,019.46	7,018.82	239.46	15.38	90.66	-826.38	6,372.61	851.44	616.11	235.33	3.618			
15,100.00	7,139.39	7,021.21	7,020.57	242.41	15.38	90.78	-826.38	6,372.60	896.28	669.26	227.02	3.948			
15,200.00	7,141.54	7,022.99	7,022.35	245.36	15.38	90.91	-826.37	6,372.60	949.56	731.85	217.71	4.362			
15,300.00	7,143.69	7,024.79	7,024.15	248.30	15.39	91.05	-826.36	6,372.59	1,009.96	801.91	208.06	4.854			
15,400.00	7,145.84	7,026.62	7,025.98	251.25	15.39	91.18	-826.36	6,372.58	1,076.28	877.77	198.50	5.422			
15,500.00	7,147.99	7,028.48	7,027.83	254.20	15.40	91.32	-826.35	6,372.58	1,147.48	958.14	189.34	6.061			

Offset Design 5N-67W-12 Offsets - BORESEN 1 - Noble Energy PR Well - No Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2° CONE 2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
2,800.00	2,738.10	2,721.10	2,721.10	9.23	94.70	-30.93	-629.46	-1,541.19	1,182.61	1,079.74	102.88	11.495	
2,900.00	2,835.13	2,818.13	2,818.13	9.54	98.14	-31.53	-629.46	-1,541.19	1,161.76	1,055.22	106.55	10.904	
3,000.00	2,932.16	2,915.16	2,915.16	9.86	101.57	-32.16	-629.46	-1,541.19	1,141.04	1,030.81	110.23	10.351	
3,100.00	3,029.19	3,012.19	3,012.19	10.20	105.01	-32.82	-629.46	-1,541.19	1,120.46	1,006.53	113.93	9.834	
3,200.00	3,126.22	3,109.22	3,109.22	10.55	108.45	-33.49	-629.46	-1,541.19	1,100.03	982.38	117.65	9.350	
3,300.00	3,223.25	3,206.25	3,206.25	10.91	111.88	-34.20	-629.46	-1,541.19	1,079.75	958.38	121.38	8.896	
3,400.00	3,320.28	3,303.28	3,303.28	11.28	115.32	-34.92	-629.46	-1,541.19	1,059.64	934.52	125.12	8.469	
3,500.00	3,417.31	3,400.31	3,400.31	11.66	118.75	-35.68	-629.46	-1,541.19	1,039.70	910.82	128.87	8.068	
3,600.00	3,514.34	3,502.66	3,497.34	12.05	122.38	-36.46	-629.46	-1,541.19	1,019.94	887.11	132.83	7.679	
3,700.00	3,611.37	3,605.63	3,594.37	12.44	126.03	-37.28	-629.46	-1,541.19	1,000.38	863.56	136.82	7.312	
3,800.00	3,708.40	3,708.60	3,691.40	12.84	129.67	-38.12	-629.46	-1,541.19	981.03	840.20	140.82	6.966	
3,900.00	3,805.43	3,788.43	3,788.43	13.25	132.50	-39.00	-629.46	-1,541.19	961.89	817.87	144.02	6.679	
4,000.00	3,902.46	3,885.46	3,885.46	13.66	135.94	-39.92	-629.46	-1,541.19	942.99	795.15	147.84	6.379	
4,100.00	3,999.49	3,982.49	3,982.49	14.08	139.38	-40.87	-629.46	-1,541.19	924.33	772.66	151.67	6.094	
4,200.00	4,096.52	4,079.52	4,079.52	14.50	142.81	-41.86	-629.46	-1,541.19	905.93	750.42	155.51	5.826	
4,300.00	4,193.55	4,176.55	4,176.55	14.92	146.25	-42.88	-629.46	-1,541.19	887.82	728.45	159.37	5.571	
4,400.00	4,290.58	4,273.58	4,273.58	15.35	149.69	-43.95	-629.46	-1,541.19	870.00	706.76	163.23	5.330	
4,500.00	4,387.61	4,370.61	4,370.61	15.78	153.12	-45.06	-629.46	-1,541.19	852.49	685.38	167.11	5.101	
4,600.00	4,484.63	4,467.63	4,467.63	16.22	156.56	-46.22	-629.46	-1,541.19	835.32	664.31	171.00	4.885	
4,700.00	4,581.66	4,564.66	4,564.66	16.66	160.00	-47.42	-629.46	-1,541.19	818.50	643.59	174.91	4.680	
4,800.00	4,678.69	4,661.69	4,661.69	17.10	163.44	-48.68	-629.46	-1,541.19	802.06	623.23	178.83	4.485	
4,900.00	4,775.72	4,758.72	4,758.72	17.55	166.87	-49.98	-629.46	-1,541.19	786.02	603.26	182.76	4.301	
5,000.00	4,872.75	4,855.75	4,855.75	17.99	170.31	-51.33	-629.46	-1,541.19	770.40	583.70	186.70	4.126	
5,100.00	4,969.78	4,952.78	4,952.78	18.44	173.75	-52.74	-629.46	-1,541.19	755.24	564.58	190.66	3.961	
5,200.00	5,066.81	5,049.81	5,049.81	18.89	177.19	-54.20	-629.46	-1,541.19	740.56	545.93	194.62	3.805	
5,300.00	5,163.84	5,146.84	5,146.84	19.35	180.62	-55.71	-629.46	-1,541.19	726.38	527.78	198.60	3.657	
5,400.00	5,260.87	5,243.87	5,243.87	19.80	184.06	-57.29	-629.46	-1,541.19	712.75	510.15	202.60	3.518	
5,500.00	5,357.90	5,340.90	5,340.90	20.26	187.50	-58.92	-629.46	-1,541.19	699.69	493.09	206.60	3.387	
5,600.00	5,454.93	5,437.93	5,437.93	20.71	190.94	-60.61	-629.46	-1,541.19	687.23	476.62	210.61	3.263	
5,700.00	5,551.96	5,534.96	5,534.96	21.17	194.37	-62.35	-629.46	-1,541.19	675.40	460.77	214.63	3.147	
5,800.00	5,648.99	5,631.99	5,631.99	21.63	197.81	-64.16	-629.46	-1,541.19	664.25	445.59	218.66	3.038	
5,900.00	5,746.02	5,729.02	5,729.02	22.09	201.25	-66.02	-629.46	-1,541.19	653.81	431.11	222.69	2.936	
6,000.00	5,843.05	5,826.05	5,826.05	22.56	204.69	-67.94	-629.46	-1,541.19	644.10	417.37	226.73	2.841	
6,100.00	5,940.08	5,923.08	5,923.08	23.02	208.12	-69.91	-629.46	-1,541.19	635.17	404.39	230.78	2.752	
6,200.00	6,037.11	6,020.11	6,020.11	23.49	211.56	-71.93	-629.46	-1,541.19	627.04	392.22	234.82	2.670	
6,300.00	6,134.14	6,117.14	6,117.14	23.95	215.00	-73.99	-629.46	-1,541.19	619.75	380.90	238.86	2.595	
6,400.00	6,231.54	6,214.54	6,214.54	24.36	218.45	-75.14	-629.46	-1,541.19	613.71	370.88	242.84	2.527	
6,500.00	6,331.02	6,314.02	6,314.02	24.51	221.97	-53.74	-629.46	-1,541.19	611.12	364.55	246.57	2.478	
6,525.94	6,356.96	6,339.96	6,339.96	24.53	222.89	90.00	-629.46	-1,541.19	611.01	363.50	247.51	2.469 CC	
6,600.00	6,430.70	6,413.70	6,413.70	24.59	225.51	100.40	-629.46	-1,541.19	611.96	361.80	250.15	2.446 ES	
6,700.00	6,528.14	6,511.14	6,511.14	24.65	228.96	103.18	-629.46	-1,541.19	616.67	363.14	253.54	2.432 SF	
6,800.00	6,620.94	6,603.94	6,603.94	24.74	232.24	105.76	-629.46	-1,541.19	626.66	370.00	256.66	2.442	
6,900.00	6,706.80	6,689.80	6,689.80	24.91	235.29	108.27	-629.46	-1,541.19	643.93	384.46	259.47	2.482	
7,000.00	6,783.62	6,766.62	6,766.62	25.23	238.01	110.22	-629.46	-1,541.19	670.55	408.64	261.91	2.560	
7,100.00	6,849.51	6,832.51	6,832.51	25.75	240.34	111.03	-629.46	-1,541.19	708.09	444.14	263.96	2.683	
7,200.00	6,902.84	6,885.84	6,885.84	26.52	242.23	110.11	-629.46	-1,541.19	757.13	491.54	265.58	2.851	
7,300.00	6,942.30	6,925.30	6,925.30	27.55	243.63	106.86	-629.46	-1,541.19	817.07	550.31	266.77	3.063	
7,400.00	6,966.92	6,949.92	6,949.92	28.83	244.50	100.64	-629.46	-1,541.19	886.31	618.83	267.48	3.314	
7,500.00	6,976.11	6,959.11	6,959.11	30.30	244.83	91.57	-629.46	-1,541.19	962.47	694.78	267.69	3.595	
7,600.00	6,978.26	6,961.26	6,961.26	31.95	244.90	91.78	-629.46	-1,541.19	1,043.00	775.30	267.71	3.896	
7,700.00	6,980.41	6,963.41	6,963.41	33.78	244.98	91.99	-629.46	-1,541.19	1,126.66	858.89	267.77	4.208	

Offset Design		5N-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		
2,300.00	2,252.95	2,379.30	2,333.38	7.96	9.87	-8.91	-209.61	-1,571.16	1,179.56	1,162.76	16.80	70.194	
2,400.00	2,349.98	2,486.07	2,435.82	8.17	10.49	-7.58	-179.63	-1,568.59	1,148.76	1,131.23	17.52	65.551	
2,500.00	2,447.01	2,566.82	2,513.49	8.41	10.95	-6.57	-157.63	-1,566.36	1,118.19	1,100.07	18.13	61.692	
2,600.00	2,544.04	2,668.08	2,610.68	8.66	11.57	-5.19	-129.32	-1,563.94	1,088.36	1,069.49	18.87	57.669	
2,700.00	2,641.07	2,765.99	2,703.63	8.94	12.23	-3.59	-98.73	-1,561.12	1,058.30	1,038.61	19.69	53.749	
2,800.00	2,738.10	2,854.78	2,787.56	9.23	12.84	-2.01	-69.86	-1,558.52	1,028.87	1,008.39	20.48	50.244	
2,900.00	2,835.13	2,936.01	2,864.74	9.54	13.37	-0.55	-44.62	-1,556.51	1,000.79	979.58	21.21	47.189	
3,000.00	2,932.16	3,013.29	2,938.40	9.86	13.87	0.85	-21.25	-1,555.53	974.70	952.78	21.92	44.462	
3,100.00	3,029.19	3,094.63	3,015.98	10.20	14.40	2.38	3.17	-1,555.76	950.92	928.25	22.67	41.951	
3,200.00	3,126.22	3,184.62	3,102.00	10.55	14.98	4.11	29.60	-1,556.57	928.64	905.17	23.46	39.576	
3,300.00	3,223.25	3,277.65	3,191.49	10.91	15.55	5.84	54.96	-1,557.65	907.42	883.16	24.26	37.403	
3,400.00	3,320.28	3,373.54	3,284.14	11.28	16.12	7.61	79.66	-1,558.87	887.05	861.99	25.06	35.404	
3,500.00	3,417.31	3,472.85	3,380.35	11.66	16.69	9.46	104.29	-1,559.70	867.01	841.15	25.86	33.528	
3,600.00	3,514.34	3,573.19	3,477.89	12.05	17.24	11.33	127.81	-1,560.28	847.40	820.75	26.65	31.795	
3,700.00	3,611.37	3,673.48	3,575.81	12.44	17.77	13.16	149.45	-1,560.14	827.60	800.18	27.43	30.176	
3,800.00	3,708.40	3,760.75	3,661.01	12.84	18.22	14.83	168.33	-1,560.22	808.86	780.73	28.13	28.754	
3,900.00	3,805.43	3,844.96	3,742.63	13.25	18.70	16.67	189.06	-1,560.67	792.19	763.33	28.85	27.454	
4,000.00	3,902.46	3,932.53	3,826.77	13.66	19.25	18.83	213.31	-1,561.19	777.62	747.99	29.64	26.239	
4,100.00	3,999.49	4,022.13	3,912.39	14.08	19.85	21.22	239.70	-1,561.84	765.21	734.77	30.45	25.131	
4,200.00	4,096.52	4,120.17	4,006.10	14.50	20.50	23.90	268.50	-1,562.44	754.33	723.03	31.30	24.096	
4,300.00	4,193.55	4,222.43	4,104.38	14.92	21.14	26.65	296.75	-1,562.61	744.04	711.88	32.16	23.136	
4,400.00	4,290.58	4,309.51	4,187.98	15.35	21.70	29.10	321.12	-1,562.21	735.10	702.21	32.89	22.352	
4,500.00	4,387.61	4,405.72	4,280.34	15.78	22.32	31.82	348.07	-1,562.46	728.49	694.83	33.66	21.643	
4,600.00	4,484.63	4,496.70	4,367.81	16.22	22.89	34.41	373.09	-1,562.58	723.30	688.94	34.36	21.050	
4,700.00	4,581.66	4,587.48	4,454.83	16.66	23.49	37.08	398.96	-1,562.57	720.39	685.35	35.04	20.557	
4,800.00	4,678.69	4,680.77	4,544.28	17.10	24.09	39.82	425.42	-1,562.75	719.45	683.74	35.71	20.146	
4,804.42	4,682.98	4,685.23	4,548.56	17.12	24.12	39.95	426.67	-1,562.77	719.45	683.71	35.74	20.129	CC
4,900.00	4,775.72	4,782.70	4,642.56	17.55	24.72	42.67	452.45	-1,563.83	719.77	683.36	36.40	19.772	ES
5,000.00	4,872.75	4,881.60	4,738.21	17.99	25.31	45.38	477.56	-1,564.47	720.71	683.67	37.04	19.460	
5,100.00	4,969.78	4,966.31	4,819.98	18.44	25.83	47.73	499.68	-1,564.87	723.72	686.18	37.54	19.279	
5,200.00	5,066.81	5,064.01	4,914.20	18.89	26.42	50.40	525.48	-1,565.94	729.02	690.90	38.12	19.123	
5,300.00	5,163.84	5,177.15	5,024.03	19.35	27.06	53.29	552.57	-1,567.66	734.24	695.45	38.80	18.925	
5,400.00	5,260.87	5,290.36	5,134.69	19.80	27.65	56.03	576.46	-1,568.84	738.31	698.88	39.43	18.725	
5,500.00	5,357.90	5,389.55	5,231.87	20.26	28.14	58.40	596.29	-1,569.20	742.42	702.47	39.95	18.583	
5,600.00	5,454.93	5,503.72	5,344.06	20.71	28.68	61.09	617.40	-1,568.65	746.15	705.60	40.55	18.401	
5,700.00	5,551.96	5,603.36	5,442.26	21.17	29.12	63.39	634.32	-1,567.78	749.64	708.58	41.06	18.257	
5,800.00	5,648.99	5,710.03	5,547.56	21.63	29.56	65.81	651.27	-1,566.42	753.20	711.60	41.60	18.105	
5,900.00	5,746.02	5,811.87	5,648.27	22.09	29.97	68.05	666.32	-1,565.51	757.09	714.97	42.12	17.974	
6,000.00	5,843.05	5,927.92	5,763.44	22.56	30.38	70.41	680.60	-1,565.59	760.12	717.43	42.68	17.808	
6,100.00	5,940.08	6,040.59	5,875.58	23.02	30.72	72.59	691.48	-1,566.15	761.78	718.55	43.23	17.623	
6,200.00	6,037.11	6,150.04	5,984.70	23.49	31.03	74.61	699.81	-1,567.17	762.52	718.76	43.76	17.425	
6,300.00	6,134.14	6,254.68	6,089.13	23.95	31.28	76.56	706.51	-1,567.57	762.79	718.50	44.29	17.222	
6,382.07	6,214.33	6,348.94	6,183.26	24.28	31.48	78.61	711.36	-1,567.20	763.07	718.37	44.70	17.072	
6,400.00	6,231.54	6,369.41	6,203.71	24.36	31.53	79.18	712.17	-1,567.09	762.69	717.91	44.78	17.032	
6,500.00	6,331.02	6,481.33	6,315.59	24.51	31.73	102.13	715.27	-1,566.70	763.94	718.85	45.09	16.944	
6,600.00	6,430.70	6,588.60	6,422.85	24.59	31.90	-104.46	716.66	-1,566.94	767.19	721.79	45.40	16.898	
6,700.00	6,528.14	6,690.13	6,524.38	24.65	32.05	-104.29	717.27	-1,566.87	773.30	727.53	45.77	16.895	SF
6,800.00	6,620.94	6,785.38	6,619.63	24.74	32.18	-105.48	717.58	-1,566.53	783.73	737.47	46.25	16.945	
6,900.00	6,706.80	6,875.75	6,710.00	24.91	32.30	-107.08	717.53	-1,565.99	799.96	753.08	46.88	17.064	
7,000.00	6,783.62	6,955.37	6,789.61	25.23	32.40	-108.36	717.17	-1,565.37	823.78	776.09	47.69	17.275	
7,100.00	6,849.51	7,023.45	6,857.69	25.75	32.49	-108.77	716.75	-1,564.73	856.85	808.20	48.65	17.613	
7,200.00	6,902.84	7,078.26	6,912.49	26.52	32.56	-107.79	716.38	-1,564.15	900.02	850.31	49.71	18.106	
7,300.00	6,942.30	7,119.19	6,953.42	27.55	32.61	-104.94	716.08	-1,563.70	953.21	902.43	50.78	18.771	
7,400.00	6,966.92	7,145.24	6,979.47	28.83	32.64	-99.76	715.89	-1,563.40	1,015.36	963.57	51.79	19.606	
7,500.00	6,976.11	7,155.75	6,989.97	30.30	32.66	-92.41	715.81	-1,563.27	1,084.61	1,031.94	52.67	20.593	
7,600.00	6,978.26	7,159.13	6,993.35	31.95	32.66	-92.67	715.79	-1,563.23	1,158.70	1,105.27	53.43	21.685	

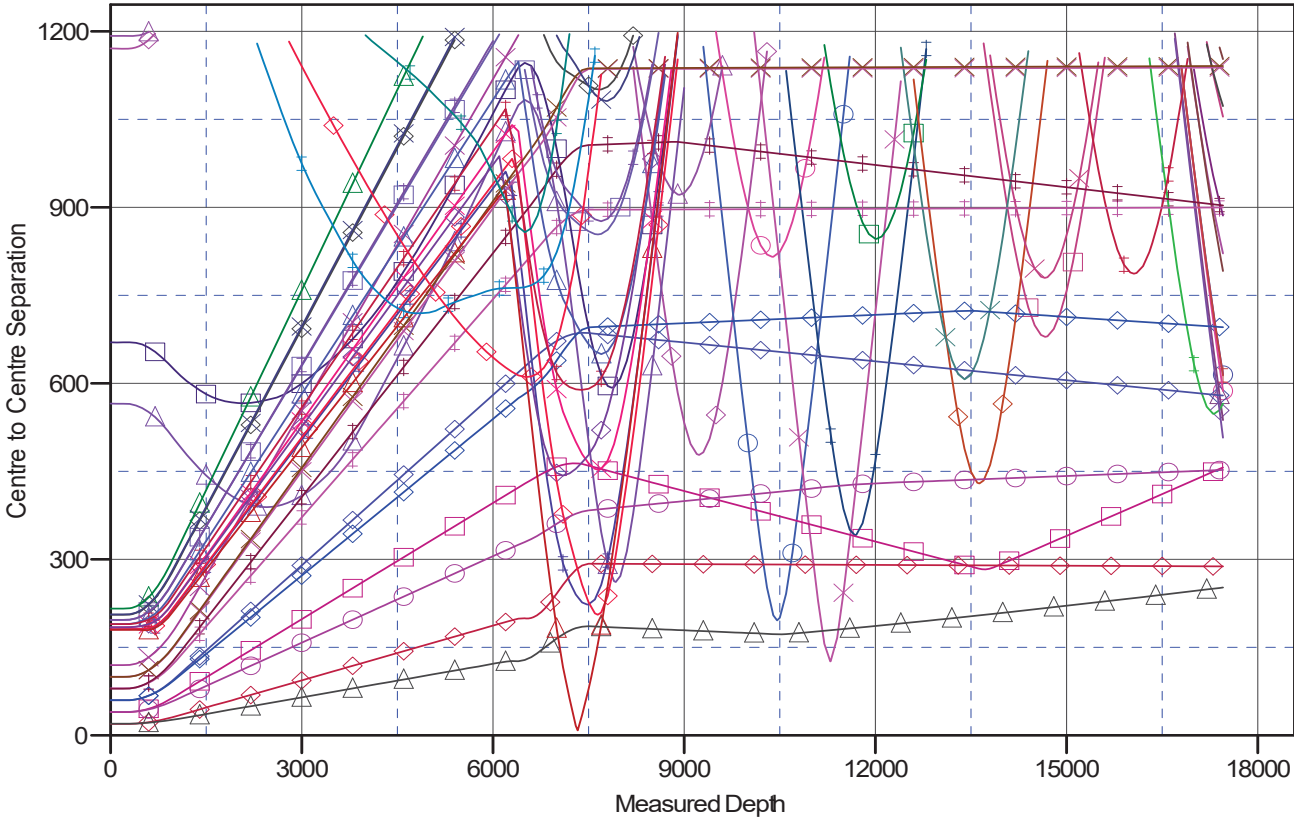
Offset Design 5N-67W-12 Offsets - DETIENNE 17-12 - Noble Energy PR Well - Actual Strata Surveys													Offset Site Error:	0.00 usft
Survey Program: 96-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth	Vertical 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)			
4,000.00	3,902.46	3,799.83	3,729.33	13.66	17.00	-4.18	-131.90	-1,998.27	1,193.44	1,168.06	25.38	47.014		
4,100.00	3,999.49	3,895.29	3,822.17	14.08	17.53	-3.40	-115.70	-2,013.46	1,183.72	1,157.68	26.03	45.468		
4,200.00	4,096.52	3,981.39	3,905.70	14.50	18.03	-2.67	-100.59	-2,027.82	1,174.96	1,148.32	26.64	44.099		
4,300.00	4,193.55	4,091.44	4,012.60	14.92	18.66	-1.75	-81.84	-2,046.04	1,166.35	1,138.99	27.36	42.628		
4,400.00	4,290.58	4,193.65	4,112.21	15.35	19.21	-0.94	-65.71	-2,062.33	1,157.39	1,129.37	28.02	41.305		
4,500.00	4,387.61	4,298.33	4,214.49	15.78	19.76	-0.16	-50.42	-2,078.54	1,148.21	1,119.54	28.68	40.039		
4,600.00	4,484.63	4,397.37	4,311.51	16.22	20.26	0.52	-37.19	-2,093.39	1,138.72	1,109.42	29.30	38.865		
4,700.00	4,581.66	4,493.29	4,405.45	16.66	20.74	1.18	-24.71	-2,108.23	1,129.85	1,099.95	29.90	37.786		
4,800.00	4,678.69	4,601.75	4,511.89	17.10	21.27	1.87	-11.77	-2,124.53	1,120.68	1,090.14	30.55	36.688		
4,900.00	4,775.72	4,709.49	4,617.80	17.55	21.77	2.56	0.82	-2,139.77	1,110.76	1,079.58	31.17	35.631		
5,000.00	4,872.75	4,816.54	4,723.18	17.99	22.26	3.24	13.00	-2,154.14	1,100.25	1,068.45	31.79	34.607		
5,100.00	4,969.78	4,918.43	4,823.59	18.44	22.71	3.89	24.29	-2,167.26	1,089.30	1,056.90	32.39	33.629		
5,200.00	5,066.81	5,014.93	4,918.66	18.89	23.14	4.53	35.34	-2,179.63	1,078.46	1,045.48	32.97	32.707		
5,300.00	5,163.84	5,118.16	5,020.44	19.35	23.60	5.20	46.45	-2,192.86	1,067.70	1,034.13	33.57	31.801		
5,400.00	5,260.87	5,226.63	5,127.57	19.80	24.06	5.85	56.98	-2,206.09	1,056.38	1,022.19	34.18	30.905		
5,500.00	5,357.90	5,332.95	5,232.75	20.26	24.48	6.46	66.30	-2,218.52	1,044.59	1,009.82	34.77	30.045		
5,600.00	5,454.93	5,449.05	5,347.91	20.71	24.92	7.08	75.34	-2,230.17	1,031.08	995.71	35.37	29.155		
5,700.00	5,551.96	5,544.21	5,442.39	21.17	25.25	7.57	81.97	-2,239.41	1,017.31	981.40	35.91	28.333		
5,800.00	5,648.99	5,718.46	5,615.96	21.63	25.75	8.16	88.02	-2,252.34	1,001.57	965.07	36.50	27.440		
5,900.00	5,746.02	5,827.83	5,725.28	22.09	25.96	8.51	90.37	-2,254.74	979.97	942.98	36.99	26.495		
6,000.00	5,843.05	5,932.03	5,829.45	22.56	26.15	8.85	92.33	-2,256.36	957.78	920.31	37.47	25.559		
6,100.00	5,940.08	6,036.53	5,933.94	23.02	26.32	9.11	92.68	-2,257.21	934.68	896.73	37.95	24.628		
6,200.00	6,037.11	6,132.82	6,030.23	23.49	26.47	9.29	91.83	-2,257.81	911.27	872.84	38.43	23.711		
6,300.00	6,134.14	6,229.52	6,126.92	23.95	26.61	9.49	91.25	-2,258.60	888.10	849.19	38.91	22.824		
6,400.00	6,231.54	6,329.58	6,226.98	24.36	26.76	10.19	90.79	-2,259.25	866.47	827.10	39.36	22.012		
6,500.00	6,331.02	6,430.31	6,327.71	24.51	26.91	32.16	90.35	-2,259.63	857.78	818.06	39.72	21.595		
6,506.27	6,337.29	6,436.61	6,334.01	24.52	26.92	67.49	90.31	-2,259.66	857.75	818.01	39.74	21.585	CC, ES, SF	
6,600.00	6,430.70	6,533.30	6,430.69	24.59	27.07	-174.21	89.64	-2,259.85	864.42	824.40	40.02	21.602		
6,700.00	6,528.14	6,629.94	6,527.34	24.65	27.21	-172.91	88.85	-2,259.86	886.20	845.95	40.25	22.017		
6,800.00	6,620.94	6,722.18	6,619.58	24.74	27.35	-172.36	88.15	-2,259.99	922.96	882.54	40.42	22.833		
6,900.00	6,706.80	6,808.57	6,705.96	24.91	27.48	-171.89	87.14	-2,260.13	973.67	933.13	40.54	24.019		
7,000.00	6,783.62	6,885.52	6,782.89	25.23	27.59	-171.25	85.97	-2,260.26	1,037.11	996.50	40.61	25.538		
7,100.00	6,849.51	6,951.43	6,848.80	25.75	27.69	-170.20	84.86	-2,260.36	1,111.75	1,071.10	40.65	27.349		
7,200.00	6,902.84	7,004.65	6,902.01	26.52	27.77	-168.29	83.93	-2,260.45	1,195.79	1,155.12	40.67	29.402		

Coordinates are relative to: BOST FARM 41N-8B-L

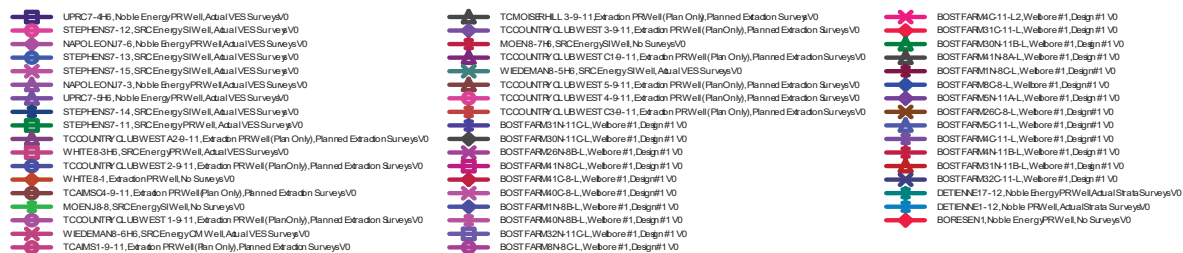
Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°

Ladder Plot



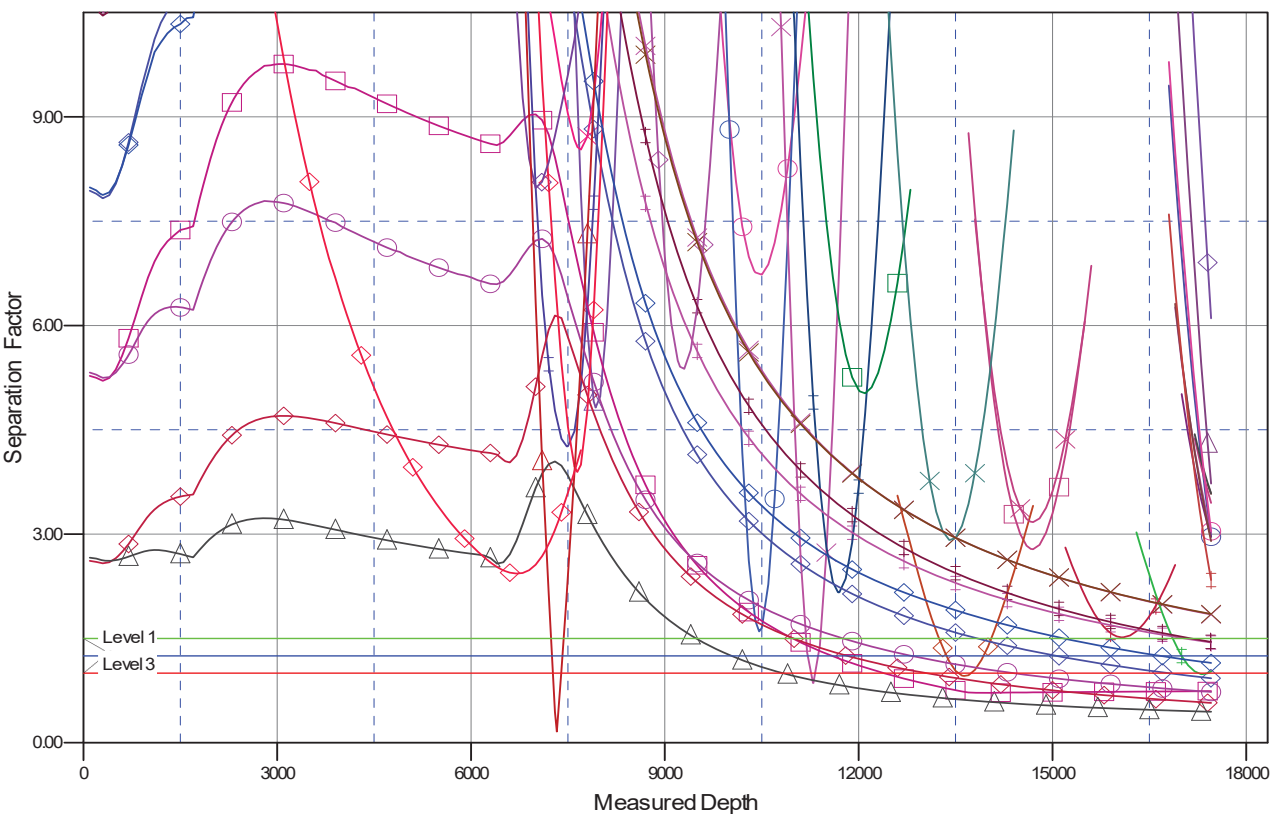
LEGEND



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

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

Separation Factor Plot



LEGEND

- | | | |
|--|--|---|
| UFR7-4H6, Noble Energy/PRWell, Actual VES Survey#0 | TCMOISERHILL 3-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 611-1-2, Wellbore #1, Design#1 V0 |
| STEPHENST-12, SRC Energy/SWell, Actual VES Survey#0 | TC COUNTRY CLUB WEST 3-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 610-1-1-2, Wellbore #1, Design#1 V0 |
| NAPOLION7-6, Noble Energy/PRWell, Actual VES Survey#0 | MOENS-7H6, SRC Energy/SWell, No Surveys#0 | BOST FARM 60N-11B-L, Wellbore #1, Design#1 V0 |
| STEPHENST-13, SRC Energy/SWell, Actual VES Survey#0 | TC COUNTRY CLUB WEST C1-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 11N-8A-L, Wellbore #1, Design#1 V0 |
| STEPHENST-15, SRC Energy/SWell, Actual VES Survey#0 | WIEDMANE-5H6, SRC Energy/SWell, Actual VES Survey#0 | BOST FARM 11N-8C-L, Wellbore #1, Design#1 V0 |
| NAPOLION7-3, Noble Energy/PRWell, Actual VES Survey#0 | TC COUNTRY CLUB WEST 5-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 60B-L, Wellbore #1, Design#1 V0 |
| UFR7-9H6, Noble Energy/PRWell, Actual VES Survey#0 | TC COUNTRY CLUB WEST 4-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 11A-L, Wellbore #1, Design#1 V0 |
| STEPHENST-14, SRC Energy/SWell, Actual VES Survey#0 | TC COUNTRY CLUB WEST C3-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 60C-8-L, Wellbore #1, Design#1 V0 |
| STEPHENST-11, SRC Energy/SWell, Actual VES Survey#0 | BOST FARM 11N-11C-L, Wellbore #1, Design#1 V0 | BOST FARM 60C-11-L, Wellbore #1, Design#1 V0 |
| TC COUNTRY CLUB WEST A2-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 11N-11C-L, Wellbore #1, Design#1 V0 | BOST FARM 60C-11-L, Wellbore #1, Design#1 V0 |
| WHITE 8-3H6, SRC Energy/PRWell, Actual VES Survey#0 | BOST FARM 11N-8B-L, Wellbore #1, Design#1 V0 | BOST FARM 11B-L, Wellbore #1, Design#1 V0 |
| TC COUNTRY CLUB WEST 2-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 11N-8C-L, Wellbore #1, Design#1 V0 | BOST FARM 11B-L, Wellbore #1, Design#1 V0 |
| WHITE 8-1, Extradon PRWell, No Surveys#0 | BOST FARM 10C-8-L, Wellbore #1, Design#1 V0 | BOST FARM 60C-11-L, Wellbore #1, Design#1 V0 |
| TC CAMS 4-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 10C-8-L, Wellbore #1, Design#1 V0 | DETENNE 7-12, Noble Energy/PRWell, Actual Strata Survey#0 |
| MOENUS-8, SRC Energy/SWell, No Surveys#0 | BOST FARM 11N-8B-L, Wellbore #1, Design#1 V0 | DETENNE 1-12, Noble Energy/PRWell, Actual Strata Survey#0 |
| TC COUNTRY CLUB WEST 1-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 11N-8B-L, Wellbore #1, Design#1 V0 | BORESEN 1, Noble Energy/PRWell, No Surveys#0 |
| WIEDMANE-6H6, SRC Energy/OM Well, Actual VES Survey#0 | BOST FARM 2N-11C-L, Wellbore #1, Design#1 V0 | |
| TC CAMS 1-9-11, Extradon PRWell (Plan Only), Planned Extradon Survey#0 | BOST FARM 11N-8C-L, Wellbore #1, Design#1 V0 | |