

# **SRC ENERGY**

**WELD COUNTY (NAD83, TRUE NORTH)  
5N-66W-07 BOST FARM 5-7 PAD  
BOST FARM 41N-8A-L**

**Wellbore #1  
Design #1**

## **Anticollision Report**

**28 December, 2017**



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

<b>Survey Tool Program</b>		<b>Date</b>	12/28/2017		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.00	1,750.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV	Fixed:v2:crustal field declination	
1,750.00	17,331.62	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV	Fixed:v2:crustal field declination	

<b>Summary</b>						
<b>Site Name</b>	<b>Reference Measured Depth (usft)</b>	<b>Offset Measured Depth (usft)</b>	<b>Distance Between Centres (usft)</b>	<b>Distance Between Ellipses (usft)</b>	<b>Separation Factor</b>	<b>Warning</b>
<b>Offset Well - Wellbore - Design</b>						
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	79.79	72.22	10.542	CC, ES
BOST FARM 1N-8B-L - Wellbore #1 - Design #1	17,331.95	17,486.62	814.11	195.38	1.316	Level 3, SF
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	200.00	200.00	99.82	92.25	13.189	CC, ES
BOST FARM 1N-8C-L - Wellbore #1 - Design #1	17,331.95	17,589.36	1,141.97	525.31	1.852	SF
BOST FARM 26C-8-L - Wellbore #1 - Design #1	200.00	200.00	119.86	112.29	15.837	CC, ES
BOST FARM 26C-8-L - Wellbore #1 - Design #1	300.00	298.94	120.13	112.48	15.699	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	CC
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	200.00	200.00	139.89	132.33	18.484	ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	300.00	298.58	140.19	132.54	18.321	SF
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	200.00	203.00	228.08	220.51	30.131	CC, ES
BOST FARM 30N-11B-L - Wellbore #1 - Design #1	400.00	395.52	231.86	224.09	29.823	SF
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	200.00	203.00	216.27	208.70	28.571	CC, ES
BOST FARM 30N-11C-L - Wellbore #1 - Design #1	400.00	397.30	219.62	211.85	28.246	SF
BOST FARM 31C-11-L - Wellbore #1 - Design #1	7,613.18	6,898.52	68.87	15.70	1.295	Level 3, CC, ES, SF
BOST FARM 31N-11B-L - Wellbore #1 - Design #1	7,436.67	6,966.53	143.35	91.35	2.757	CC, ES, SF
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	200.00	203.00	184.51	176.94	24.376	CC
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	300.00	299.89	184.58	176.93	24.123	ES
BOST FARM 31N-11C-L - Wellbore #1 - Design #1	7,600.00	6,875.43	356.86	303.82	6.728	SF
BOST FARM 32C-11-L - Wellbore #1 - Design #1	200.00	203.00	197.26	189.69	26.060	CC, ES
BOST FARM 32C-11-L - Wellbore #1 - Design #1	7,900.00	6,775.82	954.87	897.59	16.671	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	189.85	182.28	25.081	CC, ES
BOST FARM 32N-11C-L - Wellbore #1 - Design #1	7,700.00	6,817.59	711.36	657.15	13.122	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	255.99	254.99	80.13	72.52	10.529	CC, ES
BOST FARM 40C-8-L - Wellbore #1 - Design #1	17,331.95	17,736.75	942.89	344.74	1.576	SF
BOST FARM 40C-8-L2 - Wellbore #1 - Design #1						Out of range
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	255.41	254.41	60.08	52.47	7.895	CC, ES
BOST FARM 40N-8B-L - Wellbore #1 - Design #1	17,331.95	17,520.20	681.29	63.07	1.102	Level 2, SF
BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1	17,331.95	16,111.48	1,076.51	494.32	1.849	CC, ES, SF
BOST FARM 41C-8-L - Wellbore #1 - Design #1	200.00	200.00	39.72	32.15	5.248	CC
BOST FARM 41C-8-L - Wellbore #1 - Design #1	17,331.95	17,639.14	537.36	2.87	1.005	Level 2, ES, SF
BOST FARM 41N-8B-L - Wellbore #1 - Design #1	200.00	200.00	20.04	12.47	2.648	CC



## 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 41N-8B-L - Wellbore #1 - Design #1	17,331.95	17,455.59	252.12	-313.59	0.446	Level 1, ES, SF
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	200.00	200.00	59.75	52.18	7.894	CC, ES
BOST FARM 41N-8C-L - Wellbore #1 - Design #1	17,331.95	17,518.04	701.23	98.42	1.163	Level 2, SF
BOST FARM 4C-11-L - Wellbore #1 - Design #1	200.00	203.00	205.99	198.42	27.213	CC, ES
BOST FARM 4C-11-L - Wellbore #1 - Design #1	7,900.00	6,759.48	1,020.94	963.35	17.727	SF
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	200.00	203.00	189.88	182.31	25.084	CC, ES
BOST FARM 4C-11-L2 - Wellbore #1 - Design #1	7,700.00	6,840.80	582.14	527.77	10.708	SF
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	200.00	203.00	196.95	189.38	26.019	CC, ES
BOST FARM 4N-11B-L - Wellbore #1 - Design #1	7,600.00	6,836.02	715.28	662.06	13.439	SF
BOST FARM 5C-11-L - Wellbore #1 - Design #1	200.00	203.00	184.60	177.03	24.387	CC, ES
BOST FARM 5C-11-L - Wellbore #1 - Design #1	7,700.00	6,849.47	508.58	454.45	9.394	SF
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	200.00	203.00	181.15	173.58	23.932	CC, ES
BOST FARM 5N-11A-L - Wellbore #1 - Design #1	7,200.00	7,107.04	306.88	254.35	5.843	SF
BOST FARM 8C-8-L - Wellbore #1 - Design #1	254.74	254.74	40.05	32.44	5.263	CC
BOST FARM 8C-8-L - Wellbore #1 - Design #1	17,331.95	17,680.39	531.01	-6.18	0.989	Level 1, ES, SF
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	262.00	261.98	20.01	12.39	2.627	CC
BOST FARM 8N-8C-L - Wellbore #1 - Design #1	17,331.95	17,540.71	281.84	-226.13	0.555	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	8,807.60	6,806.72	1,042.01	962.95	13.179	CC, ES
NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES	9,000.00	6,807.37	1,059.62	976.24	12.708	SF
NAPOLEON J 7-6 - Noble Energy PR Well - Actual VES	9,114.69	7,125.58	359.92	271.62	4.076	CC, ES, 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	11,881.84	6,842.02	981.25	814.26	5.876	CC
STEPHENS 7-11 - SRC Energy PR Well - Actual VES Su	11,900.00	6,841.60	981.42	813.88	5.858	ES
STEPHENS 7-11 - SRC Energy PR Well - Actual VES Su	12,000.00	6,839.25	988.34	818.70	5.826	SF
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,265.25	6,837.38	930.10	809.94	7.740	CC
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,300.00	6,836.29	930.74	809.64	7.686	ES
STEPHENS 7-12 - SRC Energy SI Well - Actual VES Su	10,400.00	6,833.16	939.80	816.79	7.640	SF
STEPHENS 7-13 - SRC Energy SI Well - Actual VES Su	10,339.74	6,861.96	80.34	-42.09	0.656	Level 1, CC, ES, SF
STEPHENS 7-14 - SRC Energy SI Well - Actual VES Su	11,556.92	6,866.77	205.58	47.91	1.304	Level 3, CC, ES, SF
STEPHENS 7-15 - SRC Energy SI Well - Actual VES Su	11,162.96	6,925.74	255.40	108.84	1.743	CC, ES, SF
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	1,816.00	1,757.30	610.07	597.18	47.346	CC, ES
UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surv	7,900.00	6,850.37	742.41	686.98	13.394	SF
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	7,797.44	6,836.85	128.36	74.52	2.384	CC
UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surv	7,800.00	6,836.96	128.38	74.51	2.383	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	15,939.37	6,920.58	582.87	67.75	1.132	Level 2, CC, ES, SF
MOEN J 8-10 - SRC Energy PR Well - Actual VES Surve						Out of range
MOEN J 8-8 - SRC Energy SI Well - No Surveys	17,195.14	6,945.82	324.45	-228.67	0.587	Level 1, CC
MOEN J 8-8 - SRC Energy SI Well - No Surveys	17,200.00	6,945.94	324.49	-228.72	0.587	Level 1, 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	17,331.95	6,943.35	834.75	541.93	2.851	CC, ES, SF
TC AIMS 2-9-11 - Extraction PR Well (Plan Only) - Plann	17,331.95	6,874.87	1,109.23	794.59	3.525	CC, ES, SF
TC AIMS 3-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS 4-9-11 - Extraction PR Well (Plan Only) - Plann						Out of range
TC AIMS C4-9-11 - Extraction PR Well (Plan Only) - Plan	17,331.95	7,000.00	930.78	616.02	2.957	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	17,331.95	6,995.36	964.15	662.99	3.201	CC, ES, SF
TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well	17,331.95	6,969.52	719.01	447.96	2.653	CC, ES, SF
TC COUNTRY CLUB WEST 3-9-11 - Extraction PR Well	17,331.95	7,000.00	511.57	328.25	2.791	CC, ES, SF
TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well	17,331.95	7,000.00	459.60	360.20	4.624	CC, ES, SF
TC COUNTRY CLUB WEST 5-9-11 - Extraction PR Well	17,331.95	6,963.99	595.73	361.01	2.538	CC, ES, SF
TC COUNTRY CLUB WEST A2-9-11 - Extraction PR We	17,331.95	7,000.00	597.73	362.16	2.537	CC, ES, SF
TC COUNTRY CLUB WEST C1-9-11 - Extraction PR We	17,331.95	6,976.83	1,048.82	736.68	3.360	CC, ES, SF
TC COUNTRY CLUB WEST C3-9-11 - Extraction PR We	17,331.95	7,030.05	445.64	252.22	2.304	CC, ES, SF
TC HILAND KNOLLS 1-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 2-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 3-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS 4-9-11 - Extraction PR Well (Plan O						Out of range
TC HILAND KNOLLS C6-9-11 - Extraction PR Well (Plan						Out of range
TC HILAND KNOLLS C7-9-11 - Extraction PR Well (Plan						Out of range
TC MOISER HILL 2-9-11 - Extraction PR Well (Plan Only						Out of range
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only						Out of range
WHITE 8-1 - Extraction PR Well - No Surveys	13,496.85	6,925.70	595.91	152.65	1.344	Level 3, CC
WHITE 8-1 - Extraction PR Well - No Surveys	13,500.00	6,925.78	595.92	152.55	1.344	Level 3, ES, SF
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,532.68	6,994.85	840.23	597.74	3.465	CC, ES
WHITE 8-3H6 - SRC Energy PR Well - Actual VES Surv	14,600.00	6,992.81	842.92	599.07	3.457	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	13,283.52	6,884.96	444.51	236.19	2.134	CC, ES
WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES S	13,300.00	6,885.37	444.81	236.23	2.133	SF
WIEDEMAN 8-6H6 - SRC Energy CM Well - Actual VES	14,541.76	6,889.42	597.15	351.75	2.433	CC, ES, 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 Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)		Between Ellipses (usft)	Separation Factor	Warning
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	6,435.19	6,244.24	489.61	246.14	2.011	CC	
BORESEN 1 - Noble Energy PR Well - No Surveys	6,500.00	6,308.45	490.61	244.90	1.997	ES	
BORESEN 1 - Noble Energy PR Well - No Surveys	6,600.00	6,404.92	496.72	247.80	1.996	SF	
DETENNE 1-12 - Noble PR Well - Actual Strata Surveys	4,584.29	4,453.58	761.85	727.60	22.242	CC	
DETENNE 1-12 - Noble PR Well - Actual Strata Surveys	4,600.00	4,467.24	761.88	727.53	22.178	ES	
DETENNE 1-12 - Noble PR Well - Actual Strata Surveys	6,400.00	6,356.91	884.63	839.88	19.769	SF	
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	6,376.25	6,300.09	886.05	846.89	22.627	CC, ES	
DETENNE 17-12 - Noble Energy PR Well - Actual Strata	6,400.00	6,324.55	886.47	847.23	22.591	SF	
DETENNE 24-12 - Noble Energy PR Well - Actual Strata							Out of range
SHEEP 10-12 - SRC Energy PR Well - Actual MS Energy							Out of range
SHEEP 15-12 - SRC Energy PR Well - Actual MS Energy							Out of range
SHEEP 16-12 - SRC Energy PR Well - Actual MS Energy							Out of range
SHEEP 20-12 - SRC Energy PR Well - Actual MS Energy							Out of range
SHEEP 2-12 - SRC Energy PR Well - Actual MS Energy							Out of range
SHEEP 7-12 - SRC Energy PR Well - Actual MS Energy							Out of range
SHEEP 9-12 - SRC Energy PR Well - Actual MS Energy							Out of range
TRI-POINTE 12-3B - PDC Energy SI Well - Actual Prima							Out of range

Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:	3.28 usft
Reference Measured Depth (usft)	Vertical Depth (usft)	Offset		Semi Major Axis			Distance				Minimum Separation (usft)	Separation Factor	Warning
		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)			
0.00	0.00	0.00	0.00	3.28	3.28	0.60	79.79	0.84	79.79				
100.00	100.00	100.00	100.00	3.28	3.28	0.60	79.79	0.84	79.79	72.26	7.53	10.600	
200.00	200.00	200.00	200.00	3.30	3.30	0.60	79.79	0.84	79.79	72.22	7.57	10.542	
200.00	200.00	200.00	200.00	3.30	3.30	0.60	79.79	0.84	79.79	72.22	7.57	10.542	CC, ES
300.00	300.00	299.53	299.52	3.34	3.34	96.12	79.94	0.43	79.98	72.33	7.65	10.452	
400.00	399.93	398.56	398.50	3.40	3.41	96.24	81.14	-2.77	81.54	73.77	7.77	10.491	
500.00	499.68	497.55	497.24	3.49	3.49	96.47	83.55	-9.17	84.64	76.70	7.94	10.661	
600.00	599.13	596.45	595.60	3.60	3.60	96.78	87.15	-18.75	89.30	81.14	8.16	10.942	
700.00	698.15	695.22	693.43	3.74	3.74	97.14	91.93	-31.48	95.50	87.06	8.44	11.310	
800.00	796.63	793.84	790.58	3.93	3.92	97.52	97.89	-47.34	103.24	94.44	8.80	11.731	
900.00	894.44	892.27	886.90	4.16	4.14	97.89	105.01	-66.28	112.51	103.27	9.24	12.173	
1,000.00	991.50	990.48	982.27	4.44	4.41	98.23	113.27	-88.25	123.27	113.49	9.78	12.601	
1,100.00	1,088.37	1,089.67	1,078.05	4.76	4.72	98.13	122.32	-112.33	134.77	124.36	10.41	12.947	
1,200.00	1,185.24	1,189.00	1,173.98	5.11	5.07	98.04	131.40	-136.48	146.27	135.18	11.10	13.183	
1,300.00	1,282.11	1,288.34	1,269.91	5.49	5.45	97.96	140.47	-160.62	157.78	145.95	11.83	13.337	
1,400.00	1,378.97	1,387.67	1,365.84	5.88	5.84	97.90	149.55	-184.77	169.29	156.68	12.60	13.433	
1,500.00	1,475.84	1,487.01	1,461.77	6.29	6.25	97.84	158.62	-208.91	180.79	167.39	13.41	13.485	
1,600.00	1,572.71	1,586.35	1,557.70	6.71	6.67	97.78	167.70	-233.05	192.30	178.07	14.24	13.508	
1,700.00	1,669.57	1,685.68	1,653.62	7.14	7.11	97.74	176.77	-257.20	203.81	188.72	15.09	13.509	
1,800.00	1,766.44	1,785.02	1,749.55	7.38	7.38	97.70	185.85	-281.34	215.32	199.93	15.39	13.995	
1,900.00	1,863.31	1,884.35	1,845.48	7.46	7.48	97.66	194.92	-305.49	226.82	211.44	15.38	14.747	
2,000.00	1,960.17	1,983.69	1,941.41	7.56	7.59	97.63	204.00	-329.63	238.33	222.75	15.58	15.295	
2,100.00	2,057.04	2,083.02	2,037.34	7.70	7.72	97.60	213.08	-353.78	249.84	233.99	15.85	15.768	
2,200.00	2,153.91	2,182.36	2,133.27	7.86	7.89	97.57	222.15	-377.92	261.35	245.18	16.17	16.165	
2,300.00	2,250.78	2,281.69	2,229.19	8.05	8.08	97.54	231.23	-402.06	272.85	256.31	16.54	16.492	
2,400.00	2,347.64	2,381.03	2,325.12	8.27	8.30	97.52	240.30	-426.21	284.36	267.39	16.97	16.754	
2,500.00	2,444.51	2,480.37	2,421.05	8.52	8.55	97.50	249.38	-450.35	295.87	278.42	17.45	16.956	
2,600.00	2,541.38	2,579.70	2,516.98	8.78	8.81	97.48	258.45	-474.50	307.38	289.41	17.97	17.106	
2,700.00	2,638.24	2,679.04	2,612.91	9.06	9.10	97.46	267.53	-498.64	318.89	300.36	18.53	17.210	
2,800.00	2,735.11	2,778.37	2,708.84	9.37	9.41	97.44	276.60	-522.79	330.39	311.27	19.12	17.276	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
2,900.00	2,831.98	2,877.71	2,804.76	9.69	9.73	97.43	285.68	-546.93	341.90	322.15	19.75	17.308	
3,000.00	2,928.84	2,977.04	2,900.69	10.02	10.07	97.41	294.75	-571.08	353.41	333.00	20.41	17.314	
3,100.00	3,025.71	3,076.38	2,996.62	10.37	10.42	97.40	303.83	-595.22	364.92	343.82	21.10	17.297	
3,200.00	3,122.58	3,175.71	3,092.55	10.73	10.78	97.38	312.90	-619.36	376.43	354.62	21.81	17.262	
3,300.00	3,219.45	3,275.05	3,188.48	11.10	11.16	97.37	321.98	-643.51	387.94	365.40	22.54	17.212	
3,400.00	3,316.31	3,374.39	3,284.41	11.48	11.55	97.36	331.05	-667.65	399.44	376.15	23.29	17.151	
3,500.00	3,413.18	3,473.72	3,380.33	11.87	11.94	97.35	340.13	-691.80	410.95	386.89	24.06	17.080	
3,600.00	3,510.05	3,573.06	3,476.26	12.27	12.34	97.34	349.20	-715.94	422.46	397.61	24.85	17.004	
3,700.00	3,606.91	3,672.39	3,572.19	12.67	12.75	97.33	358.28	-740.09	433.97	408.32	25.65	16.922	
3,800.00	3,703.78	3,771.73	3,668.12	13.08	13.17	97.32	367.35	-764.23	445.48	419.02	26.46	16.836	
3,900.00	3,800.65	3,871.06	3,764.05	13.50	13.59	97.31	376.43	-788.38	456.98	429.70	27.28	16.749	
4,000.00	3,897.51	3,970.40	3,859.98	13.92	14.02	97.30	385.51	-812.52	468.49	440.37	28.12	16.659	
4,100.00	3,994.38	4,069.73	3,955.90	14.35	14.46	97.29	394.58	-836.66	480.00	451.03	28.97	16.570	
4,200.00	4,091.25	4,169.07	4,051.83	14.78	14.89	97.29	403.66	-860.81	491.51	461.69	29.82	16.480	
4,300.00	4,188.11	4,268.41	4,147.76	15.22	15.34	97.28	412.73	-884.95	503.02	472.33	30.69	16.391	
4,400.00	4,284.98	4,367.74	4,243.69	15.66	15.78	97.27	421.81	-909.10	514.53	482.97	31.56	16.303	
4,500.00	4,381.85	4,467.08	4,339.62	16.11	16.23	97.26	430.88	-933.24	526.03	493.59	32.44	16.216	
4,600.00	4,478.72	4,566.41	4,435.55	16.55	16.69	97.26	439.96	-957.39	537.54	504.22	33.33	16.130	
4,700.00	4,575.58	4,665.75	4,531.47	17.00	17.14	97.25	449.03	-981.53	549.05	514.83	34.22	16.046	
4,800.00	4,672.45	4,765.08	4,627.40	17.46	17.60	97.25	458.11	-1,005.67	560.56	525.45	35.11	15.964	
4,900.00	4,769.32	4,864.42	4,723.33	17.91	18.06	97.24	467.18	-1,029.82	572.07	536.05	36.02	15.884	
5,000.00	4,866.18	4,963.75	4,819.26	18.37	18.53	97.23	476.26	-1,053.96	583.58	546.65	36.92	15.805	
5,100.00	4,963.05	5,063.09	4,915.19	18.83	18.99	97.23	485.33	-1,078.11	595.08	557.25	37.83	15.729	
5,200.00	5,059.92	5,162.43	5,011.12	19.29	19.46	97.22	494.41	-1,102.25	606.59	567.84	38.75	15.654	
5,300.00	5,156.78	5,261.76	5,107.04	19.76	19.93	97.22	503.48	-1,126.40	618.10	578.43	39.67	15.582	
5,400.00	5,253.65	5,361.10	5,202.97	20.22	20.40	97.21	512.56	-1,150.54	629.61	589.02	40.59	15.511	
5,500.00	5,350.52	5,460.43	5,298.90	20.69	20.88	97.21	521.63	-1,174.69	641.12	599.60	41.52	15.442	
5,600.00	5,447.39	5,559.77	5,394.83	21.16	21.35	97.21	530.71	-1,198.83	652.63	610.18	42.45	15.375	
5,700.00	5,544.25	5,659.10	5,490.76	21.63	21.83	97.20	539.79	-1,222.97	664.13	620.76	43.38	15.310	
5,800.00	5,641.12	5,758.44	5,586.69	22.10	22.31	97.20	548.86	-1,247.12	675.64	631.33	44.31	15.247	
5,900.00	5,737.99	5,857.78	5,682.61	22.58	22.79	97.19	557.94	-1,271.26	687.15	641.90	45.25	15.186	
6,000.00	5,834.85	5,957.11	5,778.54	23.05	23.27	97.19	567.01	-1,295.41	698.66	652.47	46.19	15.126	
6,100.00	5,931.72	6,056.45	5,874.47	23.53	23.75	97.19	576.09	-1,319.55	710.17	663.04	47.13	15.068	
6,200.00	6,028.59	6,155.78	5,970.40	24.00	24.23	97.18	585.16	-1,343.70	721.68	673.60	48.07	15.012	
6,300.00	6,126.39	6,254.96	6,066.17	24.31	24.71	102.36	594.22	-1,367.80	733.04	684.19	48.85	15.006	
6,400.00	6,226.12	6,352.33	6,160.20	24.44	25.19	-130.81	603.12	-1,391.47	744.11	694.70	49.40	15.062	
6,500.00	6,325.45	6,448.23	6,253.57	24.51	25.52	-96.95	611.90	-1,411.24	755.63	705.93	49.69	15.206	
6,600.00	6,421.92	6,548.85	6,353.48	24.57	25.68	-94.89	621.08	-1,417.26	767.84	718.04	49.80	15.419	
6,700.00	6,513.18	6,655.37	6,458.90	24.67	25.77	-94.96	630.53	-1,406.34	780.39	730.51	49.89	15.643	
6,800.00	6,596.96	6,768.69	6,567.39	24.87	25.85	-95.62	639.97	-1,375.56	792.81	742.74	50.07	15.835	
6,900.00	6,671.20	6,889.55	6,675.18	25.23	26.00	-96.47	649.03	-1,322.06	804.48	754.00	50.48	15.936	
7,000.00	6,734.09	7,018.31	6,776.76	25.80	26.33	-97.35	657.18	-1,243.72	814.73	763.41	51.32	15.874	
7,100.00	6,784.06	7,154.63	6,864.93	26.64	26.99	-98.14	663.75	-1,140.30	822.82	770.00	52.82	15.577	
7,200.00	6,819.89	7,297.20	6,931.54	27.74	28.18	-98.71	668.05	-1,014.65	828.07	772.89	55.18	15.006	
7,300.00	6,840.69	7,443.63	6,969.28	29.08	29.93	-99.00	669.50	-873.51	829.96	771.54	58.42	14.208	
7,400.00	6,846.73	7,569.21	6,977.03	30.59	31.78	-99.03	668.44	-748.29	828.76	766.88	61.88	13.393	
7,500.00	6,849.06	7,669.19	6,979.25	32.30	33.46	-99.04	667.24	-648.33	827.23	761.96	65.27	12.674	
7,600.00	6,851.39	7,769.18	6,981.48	34.17	35.31	-99.05	666.03	-548.38	825.69	756.70	68.99	11.969	
7,700.00	6,853.71	7,869.17	6,983.71	36.20	37.31	-99.06	664.83	-448.42	824.16	751.17	72.99	11.292	
7,800.00	6,856.04	7,969.16	6,985.94	38.34	39.43	-99.07	663.62	-348.47	822.62	745.39	77.23	10.652	
7,900.00	6,858.37	8,069.15	6,988.17	40.59	41.66	-99.08	662.42	-248.51	821.09	739.42	81.67	10.054	
8,000.00	6,860.70	8,169.13	6,990.39	42.93	43.98	-99.09	661.21	-148.55	819.56	733.27	86.28	9.499	
8,100.00	6,863.03	8,269.12	6,992.62	45.34	46.37	-99.10	660.01	-48.60	818.02	726.99	91.04	8.986	
8,200.00	6,865.36	8,369.11	6,994.85	47.81	48.83	-99.11	658.81	51.36	816.49	720.57	95.91	8.513	
8,300.00	6,867.69	8,469.10	6,997.08	50.34	51.34	-99.12	657.60	151.31	814.95	714.06	100.89	8.077	
8,400.00	6,870.02	8,569.09	6,999.30	52.91	53.90	-99.13	656.40	251.27	813.42	707.45	105.97	7.676	
8,500.00	6,872.34	8,669.08	7,001.53	55.52	56.50	-99.14	655.19	351.23	811.89	700.77	111.11	7.307	
8,600.00	6,874.67	8,769.06	7,003.76	58.16	59.14	-99.15	653.99	451.18	810.35	694.02	116.33	6.966	
8,700.00	6,877.00	8,869.05	7,005.99	60.83	61.81	-99.16	652.78	551.14	808.82	687.22	121.60	6.651	
8,800.00	6,879.33	8,969.04	7,008.22	63.53	64.50	-99.17	651.58	651.09	807.28	680.36	126.93	6.360	
8,900.00	6,881.66	9,069.03	7,010.44	66.25	67.21	-99.18	650.37	751.05	805.75	673.46	132.29	6.091	
9,000.00	6,883.99	9,169.02	7,012.67	68.99	69.95	-99.19	649.17	851.01	804.22	666.51	137.70	5.840	
9,100.00	6,886.32	9,269.00	7,014.90	71.75	72.70	-99.20	647.96	950.96	802.68	659.54	143.14	5.607	
9,200.00	6,888.65	9,368.99	7,017.13	74.52	75.47	-99.21	646.76	1,050.92	801.15	652.53	148.62	5.391	
9,300.00	6,890.98	9,468.98	7,019.36	77.31	78.26	-99.22	645.56	1,150.87	799.62	645.50	154.12	5.188	
9,400.00	6,893.30	9,568.97	7,021.58	80.11	81.05	-99.23	644.35	1,250.83	798.08	638.44	159.64	4.999	



Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8B-L - Wellbore #1 - Design #1											Offset Site Error:0.00 usft		
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:3.28 usft		
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,500.00	6,895.63	9,668.96	7,023.81	82.92	83.86	-99.24	643.15	1,350.79	796.55	631.36	165.19	4.822	
9,600.00	6,897.96	9,768.94	7,026.04	85.75	86.68	-99.25	641.94	1,450.74	795.01	624.25	170.76	4.656	
9,700.00	6,900.29	9,868.93	7,028.27	88.58	89.51	-99.26	640.74	1,550.70	793.48	617.14	176.35	4.500	
9,800.00	6,902.62	9,968.92	7,030.49	91.42	92.35	-99.28	639.53	1,650.66	791.95	610.00	181.95	4.353	
9,900.00	6,904.95	10,068.91	7,032.72	94.26	95.19	-99.29	638.33	1,750.61	790.41	602.85	187.56	4.214	
10,000.00	6,907.28	10,168.90	7,034.95	97.12	98.05	-99.30	637.12	1,850.57	788.88	595.69	193.19	4.083	
10,100.00	6,909.61	10,268.89	7,037.18	99.98	100.91	-99.31	635.92	1,950.52	787.35	588.51	198.84	3.960	
10,200.00	6,911.93	10,368.87	7,039.41	102.84	103.77	-99.32	634.71	2,050.48	785.81	581.32	204.49	3.843	
10,300.00	6,914.26	10,468.86	7,041.63	105.71	106.64	-99.33	633.51	2,150.44	784.28	574.13	210.15	3.732	
10,400.00	6,916.59	10,568.85	7,043.86	108.59	109.52	-99.34	632.31	2,250.39	782.75	566.92	215.83	3.627	
10,476.83	6,918.38	10,645.67	7,045.57	110.80	111.73	-99.36	631.38	2,327.19	782.16	561.97	220.20	3.552	
10,500.00	6,918.92	10,668.85	7,046.09	111.47	112.40	-99.36	631.10	2,350.36	782.64	561.12	221.52	3.533	
10,600.00	6,921.25	10,768.85	7,048.32	114.36	115.28	-99.35	629.90	2,450.32	783.10	555.86	227.23	3.446	
10,700.00	6,923.58	10,868.84	7,050.55	117.25	118.17	-99.33	628.69	2,550.29	783.55	550.60	232.95	3.364	
10,800.00	6,925.91	10,968.84	7,052.77	120.15	121.07	-99.32	627.49	2,650.26	784.01	545.33	238.68	3.285	
10,900.00	6,928.23	11,068.84	7,055.00	123.05	123.96	-99.31	626.28	2,750.22	784.47	540.06	244.41	3.210	
11,000.00	6,930.56	11,168.84	7,057.23	125.95	126.86	-99.30	625.08	2,850.19	784.93	534.78	250.15	3.138	
11,100.00	6,932.89	11,268.84	7,059.46	128.86	129.76	-99.28	623.87	2,950.16	785.38	529.49	255.90	3.069	
11,200.00	6,935.22	11,368.84	7,061.69	131.77	132.67	-99.27	622.67	3,050.12	785.84	524.19	261.65	3.003	
11,300.00	6,937.55	11,468.84	7,063.92	134.68	135.58	-99.26	621.46	3,150.09	786.30	518.89	267.41	2.940	
11,400.00	6,939.88	11,568.84	7,066.14	137.59	138.49	-99.24	620.26	3,250.06	786.76	513.59	273.17	2.880	
11,500.00	6,942.21	11,668.84	7,068.37	140.51	141.40	-99.23	619.05	3,350.02	787.22	508.28	278.93	2.822	
11,600.00	6,944.53	11,768.83	7,070.60	143.43	144.31	-99.22	617.85	3,449.99	787.67	502.97	284.71	2.767	
11,700.00	6,946.86	11,868.83	7,072.83	146.35	147.23	-99.21	616.64	3,549.96	788.13	497.65	290.48	2.713	
11,800.00	6,949.19	11,968.83	7,075.06	149.27	150.15	-99.19	615.44	3,649.92	788.59	492.33	296.26	2.662	
11,900.00	6,951.52	12,068.83	7,077.28	152.19	153.07	-99.18	614.23	3,749.89	789.05	487.00	302.05	2.612	
12,000.00	6,953.85	12,168.83	7,079.51	155.12	155.99	-99.17	613.03	3,849.86	789.51	481.67	307.83	2.565	
12,100.00	6,956.18	12,268.83	7,081.74	158.04	158.92	-99.15	611.83	3,949.82	789.96	476.34	313.63	2.519	
12,200.00	6,958.51	12,368.83	7,083.97	160.97	161.84	-99.14	610.62	4,049.79	790.42	471.00	319.42	2.475	
12,300.00	6,960.83	12,468.83	7,086.20	163.90	164.77	-99.13	609.42	4,149.76	790.88	465.66	325.22	2.432	
12,400.00	6,963.16	12,568.82	7,088.42	166.83	167.70	-99.12	608.21	4,249.72	791.34	460.32	331.02	2.391	
12,500.00	6,965.49	12,668.82	7,090.65	169.76	170.63	-99.10	607.01	4,349.69	791.80	454.97	336.82	2.351	
12,600.00	6,967.82	12,768.82	7,092.88	172.70	173.56	-99.09	605.80	4,449.66	792.25	449.63	342.63	2.312	
12,700.00	6,970.15	12,868.82	7,095.11	175.63	176.49	-99.08	604.60	4,549.62	792.71	444.28	348.44	2.275	
12,800.00	6,972.48	12,968.82	7,097.34	178.57	179.42	-99.07	603.39	4,649.59	793.17	438.92	354.25	2.239	
12,900.00	6,974.81	13,068.82	7,099.57	181.50	182.36	-99.05	602.19	4,749.56	793.63	433.57	360.06	2.204	
13,000.00	6,977.13	13,168.82	7,101.79	184.44	185.29	-99.04	600.98	4,849.52	794.09	428.21	365.88	2.170	
13,100.00	6,979.46	13,268.82	7,104.02	187.38	188.23	-99.03	599.78	4,949.49	794.55	422.85	371.70	2.138	
13,200.00	6,981.79	13,368.81	7,106.25	190.32	191.17	-99.02	598.57	5,049.46	795.00	417.49	377.52	2.106	
13,300.00	6,984.12	13,468.81	7,108.48	193.26	194.10	-99.00	597.37	5,149.42	795.46	412.12	383.34	2.075	
13,400.00	6,986.45	13,568.81	7,110.71	196.20	197.04	-98.99	596.16	5,249.39	795.92	406.76	389.16	2.045	
13,500.00	6,988.78	13,668.81	7,112.93	199.14	199.98	-98.98	594.96	5,349.36	796.38	401.39	394.99	2.016	
13,600.00	6,991.11	13,768.81	7,115.16	202.09	202.92	-98.97	593.75	5,449.33	796.84	396.02	400.82	1.988	
13,700.00	6,993.43	13,868.81	7,117.39	205.03	205.86	-98.95	592.55	5,549.29	797.30	390.65	406.65	1.961	
13,800.00	6,995.76	13,968.81	7,119.62	207.97	208.81	-98.94	591.35	5,649.26	797.76	385.28	412.48	1.934	
13,900.00	6,998.09	14,068.81	7,121.85	210.92	211.75	-98.93	590.14	5,749.23	798.22	379.90	418.31	1.908	
14,000.00	7,000.42	14,168.81	7,124.07	213.86	214.69	-98.92	588.94	5,849.19	798.67	374.53	424.15	1.883	
14,100.00	7,002.75	14,268.80	7,126.30	216.81	217.63	-98.90	587.73	5,949.16	799.13	369.15	429.98	1.859	
14,200.00	7,005.08	14,368.80	7,128.53	219.75	220.58	-98.89	586.53	6,049.13	799.59	363.77	435.82	1.835	
14,300.00	7,007.41	14,468.80	7,130.76	222.70	223.52	-98.88	585.32	6,149.09	800.05	358.39	441.66	1.811	
14,400.00	7,009.73	14,568.80	7,132.99	225.65	226.47	-98.87	584.12	6,249.06	800.51	353.01	447.50	1.789	
14,500.00	7,012.06	14,668.80	7,135.22	228.60	229.42	-98.85	582.91	6,349.03	800.97	347.62	453.34	1.767	
14,600.00	7,014.39	14,768.80	7,137.44	231.55	232.36	-98.84	581.71	6,448.99	801.43	342.24	459.19	1.745	
14,700.00	7,016.72	14,868.80	7,139.67	234.49	235.31	-98.83	580.50	6,548.96	801.89	336.85	465.03	1.724	
14,800.00	7,019.05	14,968.80	7,141.90	237.44	238.26	-98.82	579.30	6,648.93	802.35	331.47	470.88	1.704	
14,900.00	7,021.38	15,068.79	7,144.13	240.39	241.20	-98.80	578.09	6,748.89	802.81	326.08	476.73	1.684	
15,000.00	7,023.71	15,168.79	7,146.36	243.34	244.15	-98.79	576.89	6,848.86	803.26	320.69	482.57	1.665	
15,100.00	7,026.04	15,268.79	7,148.58	246.30	247.10	-98.78	575.68	6,948.83	803.72	315.30	488.42	1.646	
15,200.00	7,028.36	15,368.79	7,150.81	249.25	250.05	-98.77	574.48	7,048.79	804.18	309.91	494.27	1.627	
15,300.00	7,030.69	15,468.79	7,153.04	252.20	253.00	-98.75	573.27	7,148.76	804.64	304.52	500.12	1.609	
15,400.00	7,033.02	15,568.79	7,155.27	255.15	255.95	-98.74	572.07	7,248.73	805.10	299.12	505.98	1.591	
15,500.00	7,035.35	15,668.79	7,157.50	258.10	258.90	-98.73	570.87	7,348.69	805.56	293.73	511.83	1.574	
15,600.00	7,037.68	15,768.79	7,159.72	261.05	261.85	-98.72	569.66	7,448.66	806.02	288.33	517.69	1.557	
15,700.00	7,040.01	15,868.78	7,161.95	264.01	264.80	-98.71	568.46	7,548.63	806.48	282.94	523.54	1.540	
15,800.00	7,042.34	15,968.78	7,164.18	266.96	267.75	-98.69	567.25	7,648.59	806.94	277.54	529.40	1.524	
15,900.00	7,044.66	16,06											



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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
16,000.00	7,046.99	16,168.78	7,168.64	272.87	273.66	-98.67	564.84	7,848.53	807.86	266.74	541.11	1.493	Level 3	
16,100.00	7,049.32	16,268.78	7,170.86	275.82	276.61	-98.66	563.64	7,948.49	808.32	261.35	546.97	1.478	Level 3	
16,200.00	7,051.65	16,368.78	7,173.09	278.78	279.56	-98.64	562.43	8,048.46	808.78	255.94	552.83	1.463	Level 3	
16,300.00	7,053.98	16,468.78	7,175.32	281.73	282.51	-98.63	561.23	8,148.43	809.24	250.54	558.69	1.448	Level 3	
16,400.00	7,056.31	16,568.78	7,177.55	284.69	285.47	-98.62	560.02	8,248.39	809.70	245.14	564.56	1.434	Level 3	
16,500.00	7,058.64	16,668.78	7,179.78	287.64	288.42	-98.61	558.82	8,348.36	810.16	239.74	570.42	1.420	Level 3	
16,600.00	7,060.96	16,768.77	7,182.01	290.60	291.37	-98.60	557.61	8,448.33	810.62	234.33	576.28	1.407	Level 3	
16,700.00	7,063.29	16,868.77	7,184.23	293.55	294.33	-98.58	556.41	8,548.29	811.08	228.93	582.15	1.393	Level 3	
16,800.00	7,065.62	16,968.77	7,186.46	296.51	297.28	-98.57	555.20	8,648.26	811.54	223.53	588.01	1.380	Level 3	
16,900.00	7,067.95	17,068.77	7,188.69	299.46	300.24	-98.56	554.00	8,748.23	812.00	218.12	593.88	1.367	Level 3	
17,000.00	7,070.28	17,168.77	7,190.92	302.42	303.19	-98.55	552.79	8,848.19	812.46	212.71	599.74	1.355	Level 3	
17,100.00	7,072.61	17,268.77	7,193.15	305.38	306.15	-98.54	551.59	8,948.16	812.92	207.31	605.61	1.342	Level 3	
17,200.00	7,074.94	17,368.77	7,195.37	308.33	309.10	-98.52	550.39	9,048.13	813.38	201.90	611.48	1.330	Level 3	
17,300.00	7,077.26	17,468.77	7,197.60	311.29	312.06	-98.51	549.18	9,148.09	813.84	196.49	617.35	1.318	Level 3	
17,331.95	7,078.01	17,486.62	7,198.00	312.23	312.58	-98.51	548.97	9,165.94	814.11	195.38	618.72	1.316	Level 3, SF	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.48	99.82	0.84	99.82					
100.00	100.00	100.00	100.00	3.28	3.28	0.48	99.82	0.84	99.82	92.29	7.53	13.261		
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.82	0.84	99.82	92.25	7.57	13.189		
200.00	200.00	200.00	200.00	3.30	3.30	0.48	99.82	0.84	99.82	92.25	7.57	13.189	CC, ES	
300.00	300.00	299.18	299.18	3.34	3.34	96.01	100.02	0.47	100.07	92.42	7.65	13.078		
400.00	399.93	397.50	397.44	3.40	3.41	96.22	101.66	-2.48	102.08	94.31	7.77	13.134		
500.00	499.68	495.74	495.44	3.49	3.49	96.62	104.94	-8.37	106.10	98.16	7.94	13.365		
600.00	599.13	593.82	593.00	3.60	3.60	97.16	109.84	-17.17	112.13	103.97	8.16	13.747		
700.00	698.15	691.70	689.95	3.74	3.74	97.78	116.35	-28.86	120.17	111.73	8.43	14.247		
800.00	796.63	789.31	786.13	3.93	3.91	98.43	124.43	-43.39	130.21	121.43	8.78	14.825		
900.00	894.44	886.60	881.37	4.16	4.13	99.07	134.08	-60.71	142.26	133.04	9.21	15.438		
1,000.00	991.50	983.52	975.54	4.44	4.38	99.70	145.24	-80.77	156.25	146.51	9.74	16.047		
1,100.00	1,088.37	1,080.94	1,069.40	4.76	4.69	99.70	157.91	-103.54	171.65	161.31	10.34	16.595		
1,200.00	1,185.24	1,179.70	1,164.38	5.11	5.05	99.52	171.07	-127.18	187.33	176.31	11.02	16.993		
1,300.00	1,282.11	1,278.46	1,259.36	5.49	5.43	99.36	184.23	-150.82	203.02	191.26	11.75	17.273		
1,400.00	1,378.97	1,377.22	1,354.35	5.88	5.83	99.22	197.39	-174.46	218.70	206.18	12.52	17.468		
1,500.00	1,475.84	1,475.98	1,449.33	6.29	6.25	99.11	210.54	-198.10	234.38	221.06	13.32	17.594		
1,600.00	1,572.71	1,574.75	1,544.31	6.71	6.69	99.00	223.70	-221.74	250.06	235.92	14.15	17.674		
1,700.00	1,669.57	1,673.51	1,639.30	7.14	7.13	98.91	236.86	-245.38	265.75	250.75	15.00	17.720		
1,800.00	1,766.44	1,772.27	1,734.28	7.38	7.44	98.83	250.02	-269.02	281.43	266.12	15.32	18.371		
1,900.00	1,863.31	1,871.03	1,829.26	7.46	7.57	98.76	263.18	-292.67	297.12	281.78	15.34	19.372		
2,000.00	1,960.17	1,969.79	1,924.25	7.56	7.68	98.70	276.34	-316.31	312.81	297.27	15.53	20.137		
2,100.00	2,057.04	2,068.55	2,019.23	7.70	7.81	98.64	289.50	-339.95	328.49	312.70	15.79	20.800		
2,200.00	2,153.91	2,167.31	2,114.21	7.86	7.99	98.59	302.65	-363.59	344.18	328.07	16.11	21.362		
2,300.00	2,250.78	2,266.08	2,209.19	8.05	8.19	98.54	315.81	-387.23	359.87	343.38	16.49	21.829		
2,400.00	2,347.64	2,364.84	2,304.18	8.27	8.41	98.49	328.97	-410.87	375.55	358.64	16.91	22.207		
2,500.00	2,444.51	2,463.60	2,399.16	8.52	8.67	98.45	342.13	-434.51	391.24	373.86	17.39	22.503		
2,600.00	2,541.38	2,562.36	2,494.14	8.78	8.94	98.41	355.29	-458.16	406.93	389.03	17.90	22.728		
2,700.00	2,638.24	2,661.12	2,589.13	9.06	9.24	98.38	368.45	-481.80	422.62	404.16	18.46	22.891		
2,800.00	2,735.11	2,759.88	2,684.11	9.37	9.56	98.35	381.61	-505.44	438.31	419.25	19.06	23.000		
2,900.00	2,831.98	2,858.64	2,779.09	9.69	9.90	98.32	394.76	-529.08	453.99	434.31	19.69	23.063		
3,000.00	2,928.84	2,957.41	2,874.08	10.02	10.25	98.29	407.92	-552.72	469.68	449.34	20.34	23.088		
3,100.00	3,025.71	3,056.17	2,969.06	10.37	10.61	98.26	421.08	-576.36	485.37	464.34	21.03	23.082		
3,200.00	3,122.58	3,154.93	3,064.04	10.73	10.99	98.24	434.24	-600.00	501.06	479.32	21.74	23.050		
3,300.00	3,219.45	3,253.69	3,159.02	11.10	11.38	98.21	447.40	-623.64	516.75	494.28	22.47	22.998		
3,400.00	3,316.31	3,352.45	3,254.01	11.48	11.78	98.19	460.56	-647.29	532.44	509.22	23.22	22.929		
3,500.00	3,413.18	3,451.21	3,348.99	11.87	12.19	98.17	473.72	-670.93	548.13	524.14	23.99	22.848		
3,600.00	3,510.05	3,549.97	3,443.97	12.27	12.61	98.15	486.87	-694.57	563.81	539.04	24.78	22.756		
3,700.00	3,606.91	3,648.74	3,538.96	12.67	13.03	98.13	500.03	-718.21	579.50	553.93	25.58	22.657		
3,800.00	3,703.78	3,747.50	3,633.94	13.08	13.46	98.12	513.19	-741.85	595.19	568.80	26.39	22.553		
3,900.00	3,800.65	3,846.26	3,728.92	13.50	13.90	98.10	526.35	-765.49	610.88	583.66	27.22	22.445		
4,000.00	3,897.51	3,945.02	3,823.91	13.92	14.35	98.08	539.51	-789.13	626.57	598.52	28.05	22.334		
4,100.00	3,994.38	4,043.78	3,918.89	14.35	14.79	98.07	552.67	-812.78	642.26	613.36	28.90	22.222		
4,200.00	4,091.25	4,142.54	4,013.87	14.78	15.25	98.06	565.83	-836.42	657.95	628.19	29.76	22.110		
4,300.00	4,188.11	4,241.31	4,108.85	15.22	15.71	98.04	578.98	-860.06	673.64	643.01	30.62	21.998		
4,400.00	4,284.98	4,340.07	4,203.84	15.66	16.17	98.03	592.14	-883.70	689.33	657.83	31.50	21.886		
4,500.00	4,381.85	4,438.83	4,298.82	16.11	16.64	98.02	605.30	-907.34	705.02	672.64	32.38	21.776		
4,600.00	4,478.72	4,537.59	4,393.80	16.55	17.10	98.01	618.46	-930.98	720.71	687.44	33.26	21.668		
4,700.00	4,575.58	4,636.35	4,488.79	17.00	17.58	97.99	631.62	-954.62	736.39	702.24	34.15	21.561		
4,800.00	4,672.45	4,735.11	4,583.77	17.46	18.05	97.98	644.78	-978.26	752.08	717.03	35.05	21.456		
4,900.00	4,769.32	4,833.87	4,678.75	17.91	18.53	97.97	657.94	-1,001.91	767.77	731.82	35.95	21.354		
5,000.00	4,866.18	4,932.64	4,773.73	18.37	19.01	97.96	671.09	-1,025.55	783.46	746.60	36.86	21.254		
5,100.00	4,963.05	5,031.40	4,868.72	18.83	19.49	97.95	684.25	-1,049.19	799.15	761.38	37.77	21.156		
5,200.00	5,059.92	5,130.16	4,963.70	19.29	19.98	97.94	697.41	-1,072.83	814.84	776.15	38.69	21.060		
5,300.00	5,156.78	5,228.92	5,058.68	19.76	20.46	97.93	710.57	-1,096.47	830.53	790.92	39.61	20.967		
5,400.00	5,253.65	5,327.68	5,153.67	20.22	20.95	97.93	723.73	-1,120.11	846.22	805.69	40.53	20.877		
5,500.00	5,350.52	5,426.44	5,248.65	20.69	21.44	97.92	736.89	-1,143.75	861.91	820.45	41.46	20.788		
5,600.00	5,447.39	5,525.20	5,343.63	21.16	21.93	97.91	750.05	-1,167.39	877.60	835.21	42.39	20.702		
5,700.00	5,544.25	5,623.97	5,438.62	21.63	22.42	97.90	763.20	-1,191.04	893.29	849.96	43.32	20.619		
5,800.00	5,641.12	5,722.73	5,533.60	22.10	22.92	97.90	776.36	-1,214.68	908.98	864.72	44.26	20.538		
5,900.00	5,737.99	5,821.49	5,628.58	22.58	23.41	97.89	789.52	-1,238.32	924.67	879.47	45.20	20.458		
6,000.00	5,834.85	5,920.25	5,723.56	23.05	23.91	97.88	802.68	-1,261.96	940.36	894.22	46.14	20.382		
6,100.00	5,931.72	6,019.01	5,818.55	23.53	24.41	97.87	815.84	-1,285.60	956.05	908.97	47.08	20.307		
6,200.00	6,028.59	6,117.77	5,913.53	24.00	24.91	97.87	829.00	-1,309.24	971.74	923.71	48.03	20.234		
6,300.00	6,126.39	6,216.38	6,008.37	24.31	25.40	103.42	842.14	-1,332.85	987.22	938.42	48.80	20.231		
6,400.00	6,226.12	6,313.24	6,101.52	24.44	25.90	-129.03	855.04	-1,356.03	1,002.06	952.72	49.34	20.311		



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,325.45	6,405.97	6,190.70	24.51	26.37	-94.44	867.40	-1,378.23	1,016.73	967.01	49.72	20.449	
6,600.00	6,421.92	6,492.48	6,273.91	24.57	26.80	-92.04	878.92	-1,398.93	1,032.30	982.34	49.96	20.662	
6,700.00	6,513.18	6,582.71	6,362.01	24.67	27.03	-92.01	891.13	-1,413.63	1,049.69	999.68	50.01	20.991	
6,800.00	6,596.96	6,682.01	6,460.26	24.87	27.19	-92.67	904.73	-1,415.11	1,068.68	1,018.59	50.08	21.337	
6,900.00	6,671.20	6,793.91	6,569.71	25.23	27.29	-93.74	919.88	-1,398.31	1,088.70	1,038.40	50.30	21.643	
7,000.00	6,734.09	6,923.33	6,690.33	25.80	27.40	-95.16	936.58	-1,355.17	1,108.84	1,058.05	50.79	21.830	
7,100.00	6,784.06	7,076.44	6,818.34	26.64	27.63	-96.86	954.29	-1,273.72	1,127.69	1,075.90	51.79	21.775	
7,200.00	6,819.89	7,258.97	6,940.48	27.74	28.31	-98.62	971.17	-1,139.99	1,143.19	1,089.44	53.75	21.268	
7,300.00	6,840.69	7,470.75	7,028.51	29.08	30.00	-99.93	983.31	-948.83	1,152.82	1,095.46	57.36	20.097	
7,400.00	6,846.73	7,658.70	7,051.68	30.59	32.36	-100.22	986.48	-762.93	1,154.82	1,093.04	61.78	18.692	
7,500.00	6,849.06	7,758.70	7,053.88	32.30	33.91	-100.22	986.76	-662.96	1,154.74	1,089.64	65.11	17.736	
7,600.00	6,851.39	7,858.70	7,056.07	34.17	35.64	-100.21	987.04	-562.98	1,154.67	1,085.91	68.76	16.793	
7,700.00	6,853.71	7,958.70	7,058.26	36.20	37.54	-100.21	987.32	-463.01	1,154.59	1,081.89	72.70	15.882	
7,800.00	6,856.04	8,058.70	7,060.46	38.34	39.58	-100.20	987.60	-363.03	1,154.52	1,077.63	76.88	15.016	
7,900.00	6,858.37	8,158.70	7,062.65	40.59	41.74	-100.19	987.88	-263.06	1,154.44	1,073.17	81.27	14.204	
8,000.00	6,860.70	8,258.70	7,064.85	42.93	44.00	-100.19	988.16	-163.08	1,154.37	1,068.53	85.84	13.448	
8,100.00	6,863.03	8,358.70	7,067.04	45.34	46.35	-100.18	988.44	-63.11	1,154.29	1,063.74	90.55	12.748	
8,200.00	6,865.36	8,458.70	7,069.24	47.81	48.76	-100.18	988.72	36.87	1,154.21	1,058.83	95.39	12.100	
8,300.00	6,867.69	8,558.70	7,071.43	50.34	51.24	-100.17	989.00	136.84	1,154.14	1,053.81	100.33	11.503	
8,400.00	6,870.02	8,658.70	7,073.62	52.91	53.76	-100.16	989.28	236.82	1,154.06	1,048.70	105.37	10.953	
8,500.00	6,872.34	8,758.70	7,075.82	55.52	56.33	-100.16	989.56	336.80	1,153.99	1,043.51	110.48	10.445	
8,600.00	6,874.67	8,858.70	7,078.01	58.16	58.94	-100.15	989.84	436.77	1,153.91	1,038.25	115.67	9.976	
8,700.00	6,877.00	8,958.70	7,080.21	60.83	61.58	-100.15	990.12	536.75	1,153.84	1,032.93	120.91	9.543	
8,800.00	6,879.33	9,077.90	7,082.82	63.53	64.78	-100.15	989.60	655.91	1,153.08	1,026.34	126.74	9.098	
8,900.00	6,881.66	9,177.88	7,085.02	66.25	67.48	-100.15	988.19	755.86	1,151.34	1,019.25	132.09	8.716	
9,000.00	6,883.99	9,277.87	7,087.22	68.99	70.21	-100.16	986.78	855.81	1,149.60	1,012.13	137.47	8.362	
9,100.00	6,886.32	9,377.85	7,089.42	71.75	72.96	-100.17	985.37	955.76	1,147.86	1,004.97	142.89	8.033	
9,200.00	6,888.65	9,477.84	7,091.62	74.52	75.72	-100.18	983.96	1,055.71	1,146.12	997.78	148.34	7.726	
9,300.00	6,890.98	9,577.82	7,093.82	77.31	78.50	-100.19	982.55	1,155.66	1,144.38	990.56	153.82	7.440	
9,400.00	6,893.30	9,677.81	7,096.02	80.11	81.29	-100.20	981.13	1,255.61	1,142.64	983.32	159.33	7.172	
9,500.00	6,895.63	9,777.79	7,098.22	82.92	84.09	-100.21	979.72	1,355.57	1,140.90	976.05	164.85	6.921	
9,600.00	6,897.96	9,877.78	7,100.41	85.75	86.90	-100.22	978.31	1,455.52	1,139.16	968.76	170.40	6.685	
9,700.00	6,900.29	9,977.76	7,102.61	88.58	89.73	-100.23	976.90	1,555.47	1,137.43	961.46	175.96	6.464	
9,800.00	6,902.62	10,077.75	7,104.81	91.42	92.56	-100.24	975.49	1,655.42	1,135.69	954.14	181.55	6.256	
9,900.00	6,904.95	10,177.73	7,107.01	94.26	95.40	-100.25	974.08	1,755.37	1,133.95	946.80	187.14	6.059	
10,000.00	6,907.28	10,277.72	7,109.21	97.12	98.25	-100.25	972.67	1,855.32	1,132.21	939.45	192.75	5.874	
10,100.00	6,909.61	10,377.70	7,111.41	99.98	101.10	-100.26	971.26	1,955.27	1,130.47	932.09	198.38	5.699	
10,200.00	6,911.93	10,477.69	7,113.61	102.84	103.96	-100.27	969.84	2,055.22	1,128.73	924.72	204.01	5.533	
10,300.00	6,914.26	10,577.67	7,115.81	105.71	106.83	-100.28	968.43	2,155.17	1,126.99	917.33	209.66	5.375	
10,400.00	6,916.59	10,677.65	7,118.00	108.59	109.70	-100.29	967.02	2,255.12	1,125.25	909.94	215.31	5.226	
10,487.51	6,918.63	10,765.16	7,119.93	111.11	112.22	-100.32	965.79	2,342.60	1,124.50	904.22	220.28	5.105	
10,500.00	6,918.92	10,777.65	7,120.20	111.47	112.58	-100.31	965.61	2,355.08	1,124.93	903.94	220.99	5.090	
10,600.00	6,921.25	10,877.65	7,122.40	114.36	115.46	-100.30	964.20	2,455.05	1,125.18	898.50	226.68	4.964	
10,700.00	6,923.58	10,977.65	7,124.60	117.25	118.35	-100.30	962.79	2,555.01	1,125.42	893.05	232.38	4.843	
10,800.00	6,925.91	11,077.65	7,126.80	120.15	121.24	-100.29	961.38	2,654.98	1,125.67	887.59	238.08	4.728	
10,900.00	6,928.23	11,177.65	7,129.00	123.05	124.13	-100.28	959.97	2,754.95	1,125.92	882.12	243.80	4.618	
11,000.00	6,930.56	11,277.65	7,131.20	125.95	127.03	-100.27	958.55	2,854.91	1,126.16	876.64	249.52	4.513	
11,100.00	6,932.89	11,377.65	7,133.40	128.86	129.93	-100.26	957.14	2,954.88	1,126.41	871.16	255.24	4.413	
11,200.00	6,935.22	11,477.65	7,135.60	131.77	132.83	-100.25	955.73	3,054.84	1,126.65	865.68	260.98	4.317	
11,300.00	6,937.55	11,577.65	7,137.80	134.68	135.74	-100.24	954.32	3,154.81	1,126.90	860.19	266.71	4.225	
11,400.00	6,939.88	11,677.65	7,140.00	137.59	138.65	-100.23	952.91	3,254.77	1,127.15	854.69	272.46	4.137	
11,500.00	6,942.21	11,777.65	7,142.19	140.51	141.56	-100.22	951.50	3,354.74	1,127.39	849.19	278.20	4.052	
11,600.00	6,944.53	11,877.65	7,144.39	143.43	144.47	-100.22	950.09	3,454.70	1,127.64	843.68	283.96	3.971	
11,700.00	6,946.86	11,977.65	7,146.59	146.35	147.39	-100.21	948.67	3,554.67	1,127.88	838.17	289.71	3.893	
11,800.00	6,949.19	12,077.65	7,148.79	149.27	150.30	-100.20	947.26	3,654.63	1,128.13	832.66	295.47	3.818	
11,900.00	6,951.52	12,177.65	7,150.99	152.19	153.22	-100.19	945.85	3,754.60	1,128.38	827.14	301.24	3.746	
12,000.00	6,953.85	12,277.65	7,153.19	155.12	156.14	-100.18	944.44	3,854.56	1,128.62	821.62	307.01	3.676	
12,100.00	6,956.18	12,377.64	7,155.39	158.04	159.06	-100.17	943.03	3,954.53	1,128.87	816.09	312.78	3.609	
12,200.00	6,958.51	12,477.64	7,157.59	160.97	161.99	-100.16	941.62	4,054.50	1,129.12	810.56	318.55	3.545	
12,300.00	6,960.83	12,577.64	7,159.79	163.90	164.91	-100.15	940.21	4,154.46	1,129.36	805.03	324.33	3.482	
12,400.00	6,963.16	12,677.64	7,161.99	166.83	167.84	-100.14	938.79	4,254.43	1,129.61	799.50	330.11	3.422	
12,500.00	6,965.49	12,777.64	7,164.19	169.76	170.77	-100.13	937.38	4,354.39	1,129.85	793.96	335.90	3.364	
12,600.00	6,967.82	12,877.64	7,166.38	172.70	173.70	-100.13	935.97	4,454.36	1,130.10	788.42	341.68	3.307	
12,700.00	6,970.15	12,977.64	7,168.58	175.63	176.63	-100.12	934.56	4,554.32	1,130.35	782.88	347.47	3.253	
12,800.00	6,972.48												



Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 1N-8C-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,000.00	6,977.13	13,277.64	7,175.18	184.44	185.43	-100.09	930.33	4,854.22	1,131.09	766.23	364.85	3.100	
13,100.00	6,979.46	13,377.64	7,177.38	187.38	188.37	-100.08	928.91	4,954.18	1,131.33	760.68	370.65	3.052	
13,200.00	6,981.79	13,477.64	7,179.58	190.32	191.30	-100.07	927.50	5,054.15	1,131.58	755.13	376.45	3.006	
13,300.00	6,984.12	13,577.64	7,181.78	193.26	194.24	-100.06	926.09	5,154.11	1,131.83	749.57	382.26	2.961	
13,400.00	6,986.45	13,677.64	7,183.98	196.20	197.18	-100.05	924.68	5,254.08	1,132.07	744.01	388.06	2.917	
13,500.00	6,988.78	13,777.64	7,186.18	199.14	200.12	-100.05	923.27	5,354.05	1,132.32	738.45	393.87	2.875	
13,600.00	6,991.11	13,877.64	7,188.38	202.09	203.06	-100.04	921.86	5,454.01	1,132.57	732.89	399.67	2.834	
13,700.00	6,993.43	13,977.64	7,190.57	205.03	206.00	-100.03	920.45	5,553.98	1,132.81	727.33	405.48	2.794	
13,800.00	6,995.76	14,077.64	7,192.77	207.97	208.94	-100.02	919.03	5,653.94	1,133.06	721.76	411.30	2.755	
13,900.00	6,998.09	14,177.64	7,194.97	210.92	211.88	-100.01	917.62	5,753.91	1,133.31	716.20	417.11	2.717	
14,000.00	7,000.42	14,277.64	7,197.17	213.86	214.82	-100.00	916.21	5,853.87	1,133.55	710.63	422.92	2.680	
14,100.00	7,002.75	14,377.64	7,199.37	216.81	217.77	-99.99	914.80	5,953.84	1,133.80	705.06	428.74	2.644	
14,200.00	7,005.08	14,477.64	7,201.57	219.75	220.71	-99.98	913.39	6,053.80	1,134.05	699.49	434.56	2.610	
14,300.00	7,007.41	14,577.63	7,203.77	222.70	223.65	-99.98	911.98	6,153.77	1,134.29	693.92	440.38	2.576	
14,400.00	7,009.73	14,677.63	7,205.97	225.65	226.60	-99.97	910.57	6,253.73	1,134.54	688.34	446.20	2.543	
14,500.00	7,012.06	14,777.63	7,208.17	228.60	229.54	-99.96	909.15	6,353.70	1,134.79	682.77	452.02	2.510	
14,600.00	7,014.39	14,877.63	7,210.37	231.55	232.49	-99.95	907.74	6,453.66	1,135.04	677.19	457.84	2.479	
14,700.00	7,016.72	14,977.63	7,212.57	234.49	235.44	-99.94	906.33	6,553.63	1,135.28	671.62	463.67	2.448	
14,800.00	7,019.05	15,077.63	7,214.76	237.44	238.38	-99.93	904.92	6,653.60	1,135.53	666.04	469.49	2.419	
14,900.00	7,021.38	15,177.63	7,216.96	240.39	241.33	-99.92	903.51	6,753.56	1,135.78	660.46	475.32	2.390	
15,000.00	7,023.71	15,277.63	7,219.16	243.34	244.28	-99.91	902.10	6,853.53	1,136.02	654.88	481.15	2.361	
15,100.00	7,026.04	15,377.63	7,221.36	246.30	247.23	-99.90	900.69	6,953.49	1,136.27	649.29	486.98	2.333	
15,200.00	7,028.36	15,477.63	7,223.56	249.25	250.18	-99.90	899.27	7,053.46	1,136.52	643.71	492.81	2.306	
15,300.00	7,030.69	15,577.63	7,225.76	252.20	253.13	-99.89	897.86	7,153.42	1,136.77	638.13	498.64	2.280	
15,400.00	7,033.02	15,677.63	7,227.96	255.15	256.08	-99.88	896.45	7,253.39	1,137.01	632.54	504.47	2.254	
15,500.00	7,035.35	15,777.63	7,230.16	258.10	259.03	-99.87	895.04	7,353.35	1,137.26	626.96	510.30	2.229	
15,600.00	7,037.68	15,877.63	7,232.36	261.05	261.98	-99.86	893.63	7,453.32	1,137.51	621.37	516.14	2.204	
15,700.00	7,040.01	15,977.63	7,234.56	264.01	264.93	-99.85	892.22	7,553.28	1,137.75	615.78	521.97	2.180	
15,800.00	7,042.34	16,077.63	7,236.76	266.96	267.88	-99.84	890.81	7,653.25	1,138.00	610.19	527.81	2.156	
15,900.00	7,044.66	16,177.63	7,238.95	269.91	270.83	-99.83	889.39	7,753.22	1,138.25	604.60	533.64	2.133	
16,000.00	7,046.99	16,277.63	7,241.15	272.87	273.78	-99.83	887.98	7,853.18	1,138.50	599.01	539.48	2.110	
16,100.00	7,049.32	16,377.63	7,243.35	275.82	276.74	-99.82	886.57	7,953.15	1,138.74	593.42	545.32	2.088	
16,200.00	7,051.65	16,477.63	7,245.55	278.78	279.69	-99.81	885.16	8,053.11	1,138.99	587.83	551.16	2.067	
16,300.00	7,053.98	16,577.63	7,247.75	281.73	282.64	-99.80	883.75	8,153.08	1,139.24	582.24	557.00	2.045	
16,400.00	7,056.31	16,677.63	7,249.95	284.69	285.59	-99.79	882.34	8,253.04	1,139.49	576.64	562.84	2.025	
16,500.00	7,058.64	16,777.62	7,252.15	287.64	288.55	-99.78	880.93	8,353.01	1,139.73	571.05	568.68	2.004	
16,600.00	7,060.96	16,877.62	7,254.35	290.60	291.50	-99.77	879.51	8,452.97	1,139.98	565.46	574.53	1.984	
16,700.00	7,063.29	16,977.62	7,256.55	293.55	294.45	-99.76	878.10	8,552.94	1,140.23	559.86	580.37	1.965	
16,800.00	7,065.62	17,077.62	7,258.75	296.51	297.41	-99.76	876.69	8,652.90	1,140.48	554.26	586.21	1.945	
16,900.00	7,067.95	17,177.62	7,260.95	299.46	300.36	-99.75	875.28	8,752.87	1,140.72	548.67	592.06	1.927	
17,000.00	7,070.28	17,277.62	7,263.14	302.42	303.32	-99.74	873.87	8,852.83	1,140.97	543.07	597.90	1.908	
17,100.00	7,072.61	17,377.62	7,265.34	305.38	306.27	-99.73	872.46	8,952.80	1,141.22	537.47	603.75	1.890	
17,200.00	7,074.94	17,477.62	7,267.54	308.33	309.23	-99.72	871.04	9,052.77	1,141.47	531.87	609.60	1.872	
17,300.00	7,077.26	17,577.62	7,269.74	311.29	312.18	-99.71	869.63	9,152.73	1,141.71	526.27	615.44	1.855	
17,331.95	7,078.01	17,589.36	7,270.00	312.23	312.53	-99.71	869.47	9,164.47	1,141.97	525.31	616.66	1.852 SF	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	0.53	119.86	1.11	119.86				
100.00	100.00	100.00	100.00	3.28	3.28	0.53	119.86	1.11	119.86	112.34	7.53	15.924	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	119.86	1.11	119.86	112.29	7.57	15.837	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	119.86	1.11	119.86	112.29	7.57	15.837	CC, ES
300.00	300.00	298.94	298.93	3.34	3.34	96.06	120.08	0.76	120.13	112.48	7.65	15.699	SF
400.00	399.93	396.77	396.71	3.40	3.41	96.27	121.84	-2.08	122.27	114.50	7.77	15.733	
500.00	499.68	494.51	494.21	3.49	3.49	96.67	125.35	-7.75	126.55	118.62	7.94	15.945	
600.00	599.13	592.07	591.26	3.60	3.60	97.21	130.61	-16.22	132.98	124.83	8.15	16.309	
700.00	698.15	689.39	687.67	3.74	3.74	97.84	137.58	-27.47	141.56	133.13	8.43	16.792	
800.00	796.63	786.41	783.29	3.93	3.91	98.51	146.24	-41.44	152.27	143.50	8.77	17.353	
900.00	894.44	883.07	877.93	4.16	4.12	99.19	156.57	-58.09	165.12	155.92	9.20	17.947	
1,000.00	991.50	979.31	971.46	4.44	4.37	99.87	168.51	-77.36	180.05	170.34	9.72	18.532	
1,100.00	1,088.37	1,075.77	1,064.40	4.76	4.67	100.01	182.10	-99.27	196.59	186.27	10.31	19.066	
1,200.00	1,185.24	1,174.31	1,159.08	5.11	5.03	99.89	196.50	-122.50	213.57	202.58	10.99	19.439	
1,300.00	1,282.11	1,272.86	1,253.76	5.49	5.41	99.78	210.90	-145.73	230.55	218.84	11.71	19.687	
1,400.00	1,378.97	1,371.40	1,348.44	5.88	5.81	99.69	225.30	-168.95	247.54	235.06	12.47	19.845	
1,500.00	1,475.84	1,469.95	1,443.12	6.29	6.23	99.61	239.70	-192.18	264.52	251.25	13.27	19.932	
1,600.00	1,572.71	1,568.50	1,537.81	6.71	6.67	99.54	254.11	-215.40	281.51	267.41	14.09	19.974	
1,700.00	1,669.57	1,667.04	1,632.49	7.14	7.12	99.48	268.51	-238.63	298.49	283.55	14.94	19.981	
1,800.00	1,766.44	1,765.59	1,727.17	7.38	7.44	99.42	282.91	-261.86	315.48	300.21	15.27	20.657	
1,900.00	1,863.31	1,864.14	1,821.85	7.46	7.58	99.37	297.31	-285.08	332.47	317.16	15.30	21.728	
2,000.00	1,960.17	1,962.68	1,916.53	7.56	7.69	99.32	311.71	-308.31	349.45	333.96	15.49	22.553	
2,100.00	2,057.04	2,061.23	2,011.21	7.70	7.82	99.28	326.11	-331.54	366.44	350.69	15.75	23.265	
2,200.00	2,153.91	2,159.78	2,105.89	7.86	7.99	99.25	340.51	-354.76	383.43	367.36	16.07	23.866	
2,300.00	2,250.78	2,258.32	2,200.57	8.05	8.19	99.21	354.91	-377.99	400.41	383.98	16.44	24.361	
2,400.00	2,347.64	2,356.87	2,295.26	8.27	8.42	99.18	369.31	-401.21	417.40	400.54	16.86	24.757	
2,500.00	2,444.51	2,455.41	2,389.94	8.52	8.68	99.15	383.71	-424.44	434.39	417.06	17.33	25.065	
2,600.00	2,541.38	2,553.96	2,484.62	8.78	8.95	99.12	398.11	-447.67	451.38	433.53	17.85	25.293	
2,700.00	2,638.24	2,652.51	2,579.30	9.06	9.25	99.10	412.51	-470.89	468.36	449.96	18.40	25.454	
2,800.00	2,735.11	2,751.05	2,673.98	9.37	9.57	99.08	426.92	-494.12	485.35	466.36	18.99	25.555	
2,900.00	2,831.98	2,849.60	2,768.66	9.69	9.91	99.05	441.32	-517.34	502.34	482.72	19.62	25.607	
3,000.00	2,928.84	2,948.15	2,863.34	10.02	10.26	99.03	455.72	-540.57	519.33	499.05	20.27	25.617	
3,100.00	3,025.71	3,046.69	2,958.02	10.37	10.63	99.02	470.12	-563.80	536.32	515.36	20.95	25.594	
3,200.00	3,122.58	3,145.24	3,052.71	10.73	11.01	99.00	484.52	-587.02	553.30	531.64	21.66	25.544	
3,300.00	3,219.45	3,243.78	3,147.39	11.10	11.40	98.98	498.92	-610.25	570.29	547.90	22.39	25.471	
3,400.00	3,316.31	3,342.33	3,242.07	11.48	11.80	98.96	513.32	-633.48	587.28	564.14	23.14	25.381	
3,500.00	3,413.18	3,440.88	3,336.75	11.87	12.21	98.95	527.72	-656.70	604.27	580.36	23.91	25.277	
3,600.00	3,510.05	3,539.42	3,431.43	12.27	12.63	98.94	542.12	-679.93	621.26	596.57	24.69	25.164	
3,700.00	3,606.91	3,637.97	3,526.11	12.67	13.06	98.92	556.52	-703.15	638.24	612.76	25.49	25.043	
3,800.00	3,703.78	3,736.52	3,620.79	13.08	13.49	98.91	570.92	-726.38	655.23	628.93	26.30	24.916	
3,900.00	3,800.65	3,835.06	3,715.47	13.50	13.93	98.90	585.32	-749.61	672.22	645.10	27.12	24.786	
4,000.00	3,897.51	3,933.61	3,810.16	13.92	14.38	98.89	599.73	-772.83	689.21	661.25	27.96	24.653	
4,100.00	3,994.38	4,032.16	3,904.84	14.35	14.83	98.88	614.13	-796.06	706.20	677.40	28.80	24.520	
4,200.00	4,091.25	4,130.70	3,999.52	14.78	15.29	98.87	628.53	-819.28	723.19	693.53	29.65	24.387	
4,300.00	4,188.11	4,229.25	4,094.20	15.22	15.75	98.86	642.93	-842.51	740.17	709.66	30.52	24.254	
4,400.00	4,284.98	4,327.79	4,188.88	15.66	16.21	98.85	657.33	-865.74	757.16	725.77	31.39	24.123	
4,500.00	4,381.85	4,426.34	4,283.56	16.11	16.68	98.84	671.73	-888.96	774.15	741.89	32.26	23.994	
4,600.00	4,478.72	4,524.89	4,378.24	16.55	17.15	98.83	686.13	-912.19	791.14	757.99	33.15	23.867	
4,700.00	4,575.58	4,623.43	4,472.92	17.00	17.63	98.82	700.53	-935.42	808.13	774.09	34.04	23.742	
4,800.00	4,672.45	4,721.98	4,567.61	17.46	18.11	98.81	714.93	-958.64	825.12	790.18	34.93	23.620	
4,900.00	4,769.32	4,820.53	4,662.29	17.91	18.59	98.81	729.33	-981.87	842.10	806.27	35.83	23.500	
5,000.00	4,866.18	4,919.07	4,756.97	18.37	19.07	98.80	743.73	-1,005.09	859.09	822.35	36.74	23.384	
5,100.00	4,963.05	5,017.62	4,851.65	18.83	19.55	98.79	758.13	-1,028.32	876.08	838.43	37.65	23.270	
5,200.00	5,059.92	5,116.17	4,946.33	19.29	20.04	98.78	772.54	-1,051.55	893.07	854.51	38.56	23.159	
5,300.00	5,156.78	5,214.71	5,041.01	19.76	20.53	98.78	786.94	-1,074.77	910.06	870.58	39.48	23.051	
5,400.00	5,253.65	5,313.26	5,135.69	20.22	21.02	98.77	801.34	-1,098.00	927.05	886.65	40.40	22.946	
5,500.00	5,350.52	5,411.80	5,230.37	20.69	21.51	98.77	815.74	-1,121.22	944.03	902.71	41.33	22.844	
5,600.00	5,447.39	5,510.35	5,325.06	21.16	22.01	98.76	830.14	-1,144.45	961.02	918.77	42.25	22.745	
5,700.00	5,544.25	5,608.90	5,419.74	21.63	22.50	98.75	844.54	-1,167.68	978.01	934.83	43.18	22.648	
5,800.00	5,641.12	5,707.44	5,514.42	22.10	23.00	98.75	858.94	-1,190.90	995.00	950.88	44.12	22.554	
5,900.00	5,737.99	5,805.99	5,609.10	22.58	23.50	98.74	873.34	-1,214.13	1,011.99	966.94	45.05	22.463	
6,000.00	5,834.85	5,904.54	5,703.78	23.05	24.00	98.74	887.74	-1,237.36	1,028.98	982.99	45.99	22.374	
6,100.00	5,931.72	6,003.08	5,798.46	23.53	24.50	98.73	902.14	-1,260.58	1,045.97	999.04	46.93	22.288	
6,200.00	6,028.59	6,101.63	5,893.14	24.00	25.00	98.73	916.54	-1,283.81	1,062.95	1,015.08	47.87	22.204	
6,300.00	6,126.39	6,200.04	5,987.70	24.31	25.50	104.39	930.92	-1,307.00	1,079.67	1,031.03	48.64	22.195	
6,400.00	6,226.12	6,303.25	6,080.61	24.44	26.03	-127.88	945.06	-1,329.80	1,095.47	1,046.25	49.22	22.258	



Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26C-8-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,500.00	6,325.45	6,389.39	6,169.62	24.51	26.47	-93.08	958.60	-1,351.63	1,110.72	1,061.15	49.58	22.404			
6,600.00	6,421.92	6,475.68	6,252.53	24.57	26.91	-90.48	971.21	-1,371.97	1,126.37	1,076.53	49.84	22.600			
6,700.00	6,513.18	6,553.50	6,327.29	24.67	27.31	-90.12	982.58	-1,390.31	1,143.68	1,093.69	49.99	22.879			
6,800.00	6,596.96	6,624.42	6,395.48	24.87	27.65	-90.24	992.95	-1,406.82	1,164.02	1,113.96	50.06	23.252			
6,900.00	6,671.20	6,711.39	6,480.50	25.23	27.89	-91.02	1,005.84	-1,419.32	1,187.68	1,137.51	50.18	23.670			



Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	0.00	0.00	3.28	3.28	0.46	139.89	1.11	139.89				
100.00	100.00	100.00	100.00	3.28	3.28	0.46	139.89	1.11	139.89	132.37	7.53	18.585	
200.00	200.00	200.00	200.00	3.30	3.30	0.46	139.89	1.11	139.89	132.33	7.57	18.484	CC
200.00	200.00	200.00	200.00	3.30	3.30	0.46	139.89	1.11	139.89	132.33	7.57	18.484	ES
300.00	300.00	298.58	298.58	3.34	3.34	95.99	140.14	0.79	140.19	132.54	7.65	18.321	SF
400.00	399.93	395.70	395.64	3.40	3.41	96.23	142.13	-1.84	142.58	134.81	7.77	18.348	
500.00	499.68	492.69	492.40	3.49	3.49	96.70	146.09	-7.08	147.36	139.43	7.94	18.571	
600.00	599.13	589.46	588.67	3.60	3.60	97.33	152.01	-14.91	154.54	146.39	8.15	18.964	
700.00	698.15	685.93	684.25	3.74	3.73	98.08	159.86	-25.29	164.12	155.70	8.42	19.490	
800.00	796.63	782.02	778.97	3.93	3.90	98.88	169.60	-38.17	176.11	167.35	8.76	20.106	
900.00	894.44	877.64	872.63	4.16	4.10	99.69	181.20	-53.50	190.50	181.33	9.18	20.762	
1,000.00	991.50	972.74	965.10	4.44	4.35	100.52	194.59	-71.22	207.25	197.57	9.68	21.415	
1,100.00	1,088.37	1,067.36	1,056.31	4.76	4.64	100.92	209.75	-91.26	225.84	215.59	10.26	22.023	
1,200.00	1,185.24	1,162.62	1,147.32	5.11	4.99	100.65	226.75	-113.73	246.00	235.10	10.90	22.562	
1,300.00	1,282.11	1,260.47	1,240.56	5.49	5.39	100.27	244.64	-137.39	266.56	254.93	11.63	22.921	
1,400.00	1,378.97	1,358.32	1,333.80	5.88	5.81	99.94	262.54	-161.06	287.12	274.73	12.40	23.162	
1,500.00	1,475.84	1,456.17	1,427.05	6.29	6.26	99.65	280.43	-184.72	307.70	294.50	13.20	23.312	
1,600.00	1,572.71	1,554.02	1,520.29	6.71	6.72	99.41	298.33	-208.38	328.28	314.25	14.03	23.399	
1,700.00	1,669.57	1,651.87	1,613.53	7.14	7.20	99.19	316.23	-232.04	348.86	333.98	14.88	23.440	
1,800.00	1,766.44	1,749.72	1,706.78	7.38	7.58	98.99	334.12	-255.71	369.45	354.20	15.26	24.216	
1,900.00	1,863.31	1,847.57	1,800.02	7.46	7.77	98.82	352.02	-279.37	390.05	374.73	15.32	25.464	
2,000.00	1,960.17	1,945.42	1,893.27	7.56	7.88	98.66	369.92	-303.03	410.64	395.14	15.51	26.480	
2,100.00	2,057.04	2,043.27	1,986.51	7.70	8.02	98.52	387.81	-326.70	431.24	415.48	15.76	27.359	
2,200.00	2,153.91	2,141.12	2,079.75	7.86	8.20	98.39	405.71	-350.36	451.85	435.77	16.08	28.102	
2,300.00	2,250.78	2,238.97	2,173.00	8.05	8.42	98.27	423.60	-374.02	472.45	456.00	16.45	28.717	
2,400.00	2,347.64	2,336.82	2,266.24	8.27	8.67	98.16	441.50	-397.69	493.06	476.18	16.88	29.211	
2,500.00	2,444.51	2,434.67	2,359.49	8.52	8.94	98.07	459.40	-421.35	513.66	496.31	17.36	29.597	
2,600.00	2,541.38	2,532.52	2,452.73	8.78	9.25	97.97	477.29	-445.01	534.27	516.39	17.88	29.886	
2,700.00	2,638.24	2,630.37	2,545.97	9.06	9.57	97.89	495.19	-468.67	554.88	536.44	18.44	30.091	
2,800.00	2,735.11	2,728.22	2,639.22	9.37	9.92	97.81	513.08	-492.34	575.49	556.45	19.04	30.224	
2,900.00	2,831.98	2,826.07	2,732.46	9.69	10.28	97.74	530.98	-516.00	596.10	576.43	19.68	30.297	
3,000.00	2,928.84	2,923.92	2,825.70	10.02	10.67	97.67	548.88	-539.66	616.72	596.38	20.34	30.320	
3,100.00	3,025.71	3,021.77	2,918.95	10.37	11.06	97.61	566.77	-563.33	637.33	616.30	21.03	30.301	
3,200.00	3,122.58	3,119.62	3,012.19	10.73	11.48	97.55	584.67	-586.99	657.94	636.19	21.75	30.249	
3,300.00	3,219.45	3,217.47	3,105.44	11.10	11.90	97.49	602.57	-610.65	678.56	656.07	22.49	30.170	
3,400.00	3,316.31	3,315.32	3,198.68	11.48	12.33	97.44	620.46	-634.31	699.17	675.92	23.25	30.070	
3,500.00	3,413.18	3,413.17	3,291.92	11.87	12.78	97.39	638.36	-657.98	719.79	695.76	24.03	29.953	
3,600.00	3,510.05	3,511.02	3,385.17	12.27	13.23	97.34	656.25	-681.64	740.41	715.58	24.83	29.824	
3,700.00	3,606.91	3,608.87	3,478.41	12.67	13.69	97.29	674.15	-705.30	761.02	735.39	25.64	29.686	
3,800.00	3,703.78	3,706.72	3,571.65	13.08	14.16	97.25	692.05	-728.97	781.64	755.18	26.46	29.541	
3,900.00	3,800.65	3,804.57	3,664.90	13.50	14.64	97.21	709.94	-752.63	802.26	774.96	27.30	29.392	
4,000.00	3,897.51	3,902.42	3,758.14	13.92	15.12	97.17	727.84	-776.29	822.88	794.73	28.14	29.239	
4,100.00	3,994.38	4,000.27	3,851.39	14.35	15.61	97.14	745.73	-799.96	843.50	814.50	29.00	29.086	
4,200.00	4,091.25	4,101.88	3,944.63	14.78	16.12	97.10	763.63	-823.62	864.11	834.23	29.88	28.916	
4,300.00	4,188.11	4,204.03	4,037.87	15.22	16.64	97.07	781.53	-847.28	884.73	853.95	30.78	28.744	
4,400.00	4,284.98	4,306.18	4,131.12	15.66	17.16	97.04	799.42	-870.94	905.35	873.67	31.68	28.576	
4,500.00	4,381.85	4,408.33	4,224.36	16.11	17.69	97.01	817.32	-894.61	925.97	893.38	32.59	28.410	
4,600.00	4,478.72	4,489.52	4,317.61	16.55	18.11	96.98	835.21	-918.27	946.59	913.18	33.41	28.331	
4,700.00	4,575.58	4,587.37	4,410.85	17.00	18.62	96.95	853.11	-941.93	967.21	932.90	34.31	28.187	
4,800.00	4,672.45	4,685.22	4,504.09	17.46	19.13	96.93	871.01	-965.60	987.83	952.61	35.22	28.046	
4,900.00	4,769.32	4,783.07	4,597.34	17.91	19.65	96.90	888.90	-989.26	1,008.45	972.32	36.14	27.908	
5,000.00	4,866.18	4,880.92	4,690.58	18.37	20.17	96.88	906.80	-1,012.92	1,029.07	992.02	37.05	27.773	
5,100.00	4,963.05	4,978.77	4,783.82	18.83	20.69	96.85	924.70	-1,036.58	1,049.69	1,011.72	37.98	27.641	
5,200.00	5,059.92	5,076.62	4,877.07	19.29	21.21	96.83	942.59	-1,060.25	1,070.31	1,031.41	38.90	27.513	
5,300.00	5,156.78	5,174.47	4,970.31	19.76	21.73	96.81	960.49	-1,083.91	1,090.93	1,051.10	39.83	27.388	
5,400.00	5,253.65	5,272.32	5,063.56	20.22	22.26	96.79	978.38	-1,107.57	1,111.56	1,070.79	40.77	27.266	
5,500.00	5,350.52	5,370.17	5,156.80	20.69	22.79	96.77	996.28	-1,131.24	1,132.18	1,090.47	41.70	27.148	
5,600.00	5,447.39	5,468.02	5,250.04	21.16	23.32	96.75	1,014.18	-1,154.90	1,152.80	1,110.15	42.64	27.033	
5,700.00	5,544.25	5,565.87	5,343.29	21.63	23.85	96.73	1,032.07	-1,178.56	1,173.42	1,129.83	43.59	26.921	
5,800.00	5,641.12	5,663.72	5,436.53	22.10	24.38	96.71	1,049.97	-1,202.23	1,194.04	1,149.51	44.53	26.813	



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	52.63	138.44	181.26	228.08				
100.00	100.00	103.00	97.00	3.28	3.28	52.63	138.44	181.26	228.08	220.55	7.53	30.300	
200.00	200.00	203.00	197.00	3.30	3.30	52.63	138.44	181.26	228.08	220.51	7.57	30.131	CC, ES
200.24	200.24	202.76	197.24	3.30	3.30	52.63	138.44	181.26	228.08	220.51	7.57	30.131	
300.00	300.00	296.56	296.56	3.34	3.34	148.09	138.76	181.07	228.50	220.85	7.65	29.863	
400.00	399.93	395.52	395.46	3.40	3.41	147.69	141.62	179.38	231.86	224.09	7.77	29.823	SF
500.00	499.68	494.19	493.89	3.49	3.50	146.90	147.39	175.97	238.63	230.68	7.94	30.037	
600.00	599.13	592.35	591.54	3.60	3.61	145.78	156.02	170.86	248.83	240.67	8.16	30.482	
700.00	698.15	689.82	688.09	3.74	3.74	144.41	167.44	164.11	262.52	254.09	8.43	31.124	
800.00	796.63	786.41	783.28	3.93	3.90	142.87	181.54	155.77	279.74	270.97	8.76	31.916	
900.00	894.44	882.57	877.47	4.16	4.10	141.26	198.19	145.92	300.47	291.31	9.16	32.806	
1,000.00	991.50	979.61	972.36	4.44	4.34	140.09	215.70	135.57	324.03	314.41	9.62	33.679	
1,100.00	1,088.37	1,076.54	1,067.13	4.76	4.59	139.35	233.19	125.22	348.28	338.16	10.12	34.410	
1,200.00	1,185.24	1,173.46	1,161.90	5.11	4.87	138.70	250.68	114.88	372.58	361.91	10.66	34.936	
1,300.00	1,282.11	1,270.38	1,256.67	5.49	5.17	138.14	268.17	104.54	396.92	385.67	11.24	35.300	
1,400.00	1,378.97	1,367.31	1,351.44	5.88	5.48	137.64	285.65	94.20	421.29	409.43	11.85	35.540	
1,500.00	1,475.84	1,464.23	1,446.21	6.29	5.80	137.19	303.14	83.85	445.68	433.19	12.49	35.682	
1,600.00	1,572.71	1,561.15	1,540.98	6.71	6.13	136.79	320.63	73.51	470.10	456.95	13.15	35.754	
1,700.00	1,669.57	1,658.08	1,635.75	7.14	6.47	136.43	338.12	63.17	494.54	480.72	13.82	35.772	
1,800.00	1,766.44	1,755.00	1,730.52	7.38	6.73	136.11	355.60	52.83	519.00	504.92	14.07	36.875	
1,900.00	1,863.31	1,851.92	1,825.29	7.46	6.84	135.81	373.09	42.49	543.46	529.39	14.07	38.626	
2,000.00	1,960.17	1,948.85	1,920.06	7.56	6.91	135.54	390.58	32.14	567.95	553.74	14.21	39.968	
2,100.00	2,057.04	2,045.77	2,014.83	7.70	7.00	135.29	408.07	21.80	592.44	578.04	14.40	41.152	
2,200.00	2,153.91	2,142.69	2,109.60	7.86	7.11	135.06	425.56	11.46	616.94	602.31	14.63	42.176	
2,300.00	2,250.78	2,239.62	2,204.37	8.05	7.24	134.85	443.04	1.12	641.45	626.55	14.90	43.045	
2,400.00	2,347.64	2,336.54	2,299.14	8.27	7.40	134.65	460.53	-9.23	665.97	650.76	15.22	43.766	
2,500.00	2,444.51	2,433.46	2,393.91	8.52	7.57	134.47	478.02	-19.57	690.50	674.93	15.57	44.350	
2,600.00	2,541.38	2,530.39	2,488.68	8.78	7.76	134.30	495.51	-29.91	715.03	699.07	15.96	44.808	
2,700.00	2,638.24	2,627.31	2,583.45	9.06	7.96	134.14	512.99	-40.25	739.57	723.19	16.38	45.154	
2,800.00	2,735.11	2,724.23	2,678.22	9.37	8.18	133.99	530.48	-50.59	764.11	747.28	16.83	45.401	
2,900.00	2,831.98	2,821.16	2,772.99	9.69	8.41	133.86	547.97	-60.94	788.66	771.35	17.31	45.562	
3,000.00	2,928.84	2,918.08	2,867.76	10.02	8.66	133.73	565.46	-71.28	813.21	795.39	17.81	45.648	
3,100.00	3,025.71	3,015.00	2,962.53	10.37	8.92	133.60	582.94	-81.62	837.76	819.42	18.34	45.671	
3,200.00	3,122.58	3,111.93	3,057.30	10.73	9.19	133.49	600.43	-91.96	862.32	843.43	18.89	45.640	
3,300.00	3,219.45	3,208.85	3,152.07	11.10	9.47	133.38	617.92	-102.31	886.88	867.42	19.46	45.566	
3,400.00	3,316.31	3,305.77	3,246.84	11.48	9.75	133.27	635.41	-112.65	911.45	891.39	20.05	45.455	
3,500.00	3,413.18	3,402.70	3,341.61	11.87	10.05	133.18	652.89	-122.99	936.01	915.36	20.66	45.314	
3,600.00	3,510.05	3,500.38	3,436.38	12.27	10.36	133.08	670.38	-133.33	960.58	939.30	21.28	45.145	
3,700.00	3,606.91	3,603.46	3,531.15	12.67	10.69	132.99	687.87	-143.68	985.15	963.22	21.93	44.922	
3,800.00	3,703.78	3,693.47	3,625.92	13.08	10.98	132.91	705.36	-154.02	1,009.73	987.17	22.55	44.768	
3,900.00	3,800.65	3,809.61	3,720.69	13.50	11.37	132.83	722.84	-164.36	1,034.30	1,011.03	23.27	44.439	
4,000.00	3,897.51	3,887.31	3,815.46	13.92	11.63	132.75	740.33	-174.70	1,058.88	1,035.00	23.88	44.343	
4,100.00	3,994.38	3,984.24	3,910.23	14.35	11.96	132.68	757.82	-185.04	1,083.46	1,058.90	24.56	44.121	
4,200.00	4,091.25	4,081.16	4,005.00	14.78	12.30	132.61	775.31	-195.39	1,108.04	1,082.80	25.24	43.895	
4,300.00	4,188.11	4,178.08	4,099.77	15.22	12.64	132.54	792.79	-205.73	1,132.62	1,106.68	25.94	43.667	
4,400.00	4,284.98	4,275.01	4,194.54	15.66	12.98	132.48	810.28	-216.07	1,157.20	1,130.56	26.64	43.440	
4,500.00	4,381.85	4,371.93	4,289.31	16.11	13.33	132.42	827.77	-226.41	1,181.79	1,154.44	27.35	43.213	



Offset Design5N-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	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	3.00	-3.00	3.28	3.28	56.81	118.40	180.98	216.27			
100.00	100.00	103.00	97.00	3.28	3.28	56.81	118.40	180.98	216.27	208.74	7.53	28.731
200.00	200.00	203.00	197.00	3.30	3.30	56.81	118.40	180.98	216.27	208.70	7.57	28.571 CC, ES
200.04	200.04	202.96	197.04	3.30	3.30	56.81	118.40	180.98	216.27	208.70	7.57	28.571
300.00	300.00	297.12	297.12	3.34	3.34	152.26	118.71	180.76	216.64	208.99	7.65	28.313
400.00	399.93	397.30	397.24	3.40	3.41	151.77	121.49	178.80	219.62	211.85	7.78	28.246 SF
500.00	499.68	497.21	496.90	3.49	3.50	150.80	127.10	174.83	225.61	217.66	7.95	28.394
600.00	599.13	596.66	595.82	3.60	3.61	149.43	135.51	168.89	234.69	226.52	8.17	28.741
700.00	698.15	695.49	693.69	3.74	3.75	147.74	146.63	161.03	246.93	238.49	8.44	29.260
800.00	796.63	806.37	790.39	3.93	3.94	145.86	160.35	151.34	262.43	253.63	8.80	29.830
900.00	894.44	908.31	886.80	4.16	4.16	144.31	174.94	141.02	281.03	271.83	9.20	30.534
1,000.00	991.50	989.30	982.78	4.44	4.34	143.35	189.46	130.76	302.38	292.76	9.62	31.437
1,100.00	1,088.37	1,086.79	1,078.64	4.76	4.59	142.76	203.97	120.50	324.41	314.31	10.10	32.110
1,200.00	1,185.24	1,184.28	1,174.49	5.11	4.85	142.25	218.48	110.25	346.48	335.85	10.63	32.602
1,300.00	1,282.11	1,281.77	1,270.35	5.49	5.12	141.79	232.99	100.00	368.57	357.38	11.19	32.951
1,400.00	1,378.97	1,379.26	1,366.21	5.88	5.41	141.39	247.50	89.74	390.68	378.90	11.77	33.188
1,500.00	1,475.84	1,476.75	1,462.07	6.29	5.71	141.03	262.01	79.49	412.80	400.42	12.38	33.338
1,600.00	1,572.71	1,574.24	1,557.93	6.71	6.02	140.71	276.52	69.23	434.94	421.93	13.01	33.422
1,700.00	1,669.57	1,671.74	1,653.79	7.14	6.34	140.41	291.03	58.98	457.09	443.43	13.66	33.456
1,800.00	1,766.44	1,769.23	1,749.64	7.38	6.55	140.15	305.53	48.73	479.25	465.38	13.87	34.554
1,900.00	1,863.31	1,866.72	1,845.50	7.46	6.64	139.91	320.04	38.47	501.42	487.59	13.83	36.249
2,000.00	1,960.17	1,964.21	1,941.36	7.56	6.70	139.69	334.55	28.22	523.60	509.63	13.96	37.494
2,100.00	2,057.04	2,061.70	2,037.22	7.70	6.78	139.48	349.06	17.97	545.78	531.64	14.14	38.596
2,200.00	2,153.91	2,159.19	2,133.08	7.86	6.88	139.30	363.57	7.71	567.97	553.61	14.36	39.555
2,300.00	2,250.78	2,256.68	2,228.94	8.05	7.00	139.12	378.08	-2.54	590.17	575.55	14.62	40.373
2,400.00	2,347.64	2,354.17	2,324.79	8.27	7.14	138.96	392.59	-12.80	612.37	597.45	14.92	41.057
2,500.00	2,444.51	2,451.66	2,420.65	8.52	7.29	138.81	407.09	-23.05	634.57	619.32	15.25	41.616
2,600.00	2,541.38	2,549.15	2,516.51	8.78	7.46	138.68	421.60	-33.30	656.78	641.17	15.62	42.059
2,700.00	2,638.24	2,646.64	2,612.37	9.06	7.65	138.55	436.11	-43.56	678.99	662.98	16.01	42.399
2,800.00	2,735.11	2,744.13	2,708.23	9.37	7.85	138.42	450.62	-53.81	701.21	684.77	16.44	42.648
2,900.00	2,831.98	2,841.62	2,804.08	9.69	8.06	138.31	465.13	-64.06	723.43	706.53	16.90	42.815
3,000.00	2,928.84	2,939.12	2,899.94	10.02	8.28	138.20	479.64	-74.32	745.65	728.27	17.38	42.913
3,100.00	3,025.71	3,036.61	2,995.80	10.37	8.52	138.10	494.15	-84.57	767.87	749.99	17.88	42.951
3,200.00	3,122.58	3,134.10	3,091.66	10.73	8.76	138.01	508.65	-94.83	790.09	771.69	18.40	42.938
3,300.00	3,219.45	3,231.59	3,187.52	11.10	9.02	137.91	523.16	-105.08	812.32	793.38	18.94	42.883
3,400.00	3,316.31	3,329.08	3,283.38	11.48	9.28	137.83	537.67	-115.33	834.55	815.05	19.50	42.792
3,500.00	3,413.18	3,426.57	3,379.23	11.87	9.55	137.75	552.18	-125.59	856.78	836.70	20.08	42.673
3,600.00	3,510.05	3,524.06	3,475.09	12.27	9.83	137.67	566.69	-135.84	879.01	858.34	20.67	42.531
3,700.00	3,606.91	3,621.55	3,570.95	12.67	10.11	137.60	581.20	-146.10	901.24	879.97	21.27	42.369
3,800.00	3,703.78	3,719.04	3,666.81	13.08	10.40	137.53	595.71	-156.35	923.48	901.59	21.89	42.193
3,900.00	3,800.65	3,816.53	3,762.67	13.50	10.70	137.46	610.21	-166.60	945.72	923.20	22.51	42.006
4,000.00	3,897.51	3,914.02	3,858.53	13.92	11.00	137.40	624.72	-176.86	967.95	944.80	23.15	41.810
4,100.00	3,994.38	4,011.51	3,954.38	14.35	11.30	137.34	639.23	-187.11	990.19	966.39	23.80	41.608
4,200.00	4,091.25	4,109.00	4,050.24	14.78	11.61	137.28	653.74	-197.36	1,012.43	987.98	24.45	41.403
4,300.00	4,188.11	4,206.50	4,146.10	15.22	11.92	137.22	668.25	-207.62	1,034.67	1,009.55	25.12	41.194
4,400.00	4,284.98	4,303.99	4,241.96	15.66	12.24	137.17	682.76	-217.87	1,056.91	1,031.12	25.79	40.984
4,500.00	4,381.85	4,401.48	4,337.82	16.11	12.56	137.12	697.27	-228.13	1,079.15	1,052.69	26.47	40.775
4,600.00	4,478.72	4,501.03	4,433.68	16.55	12.89	137.07	711.77	-238.38	1,101.39	1,074.24	27.16	40.556
4,700.00	4,575.58	4,603.54	4,529.53	17.00	13.24	137.03	726.28	-248.63	1,123.64	1,095.77	27.86	40.325
4,800.00	4,672.45	4,706.05	4,625.39	17.46	13.58	136.98	740.79	-258.89	1,145.88	1,117.30	28.58	40.098
4,900.00	4,769.32	4,808.56	4,721.25	17.91	13.93	136.94	755.30	-269.14	1,168.13	1,138.83	29.30	39.874
5,000.00	4,866.18	4,888.93	4,817.11	18.37	14.21	136.89	769.81	-279.40	1,190.37	1,160.43	29.94	39.756



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31C-11-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	90.46	-1.46	180.15	180.16					
100.00	100.00	103.00	97.00	3.28	3.28	90.46	-1.46	180.15	180.16	172.63	7.53	23.933		
200.00	200.00	203.00	197.00	3.30	3.30	90.46	-1.46	180.15	180.16	172.59	7.57	23.800		
300.00	300.00	299.98	299.98	3.34	3.34	-174.01	-1.59	179.74	180.20	172.55	7.65	23.554		
400.00	399.93	406.31	406.24	3.40	3.41	-173.74	-2.78	176.10	180.26	172.50	7.76	23.216		
500.00	499.68	512.62	512.26	3.49	3.50	-173.20	-5.19	168.72	180.29	172.37	7.92	22.770		
504.04	503.71	516.92	516.53	3.49	3.50	-173.17	-5.32	168.34	180.29	172.36	7.93	22.748		
600.00	599.13	615.32	614.39	3.60	3.61	-172.48	-8.51	158.57	180.87	172.75	8.12	22.271		
700.00	698.15	715.22	713.72	3.74	3.75	-171.89	-11.85	148.37	184.60	176.23	8.38	22.041		
800.00	796.63	814.95	812.87	3.93	3.91	-171.47	-15.18	138.18	191.81	183.13	8.67	22.113		
900.00	894.44	914.37	911.72	4.16	4.10	-171.22	-18.50	128.02	202.45	193.44	9.01	22.460		
1,000.00	991.50	1,013.40	1,010.17	4.44	4.29	-171.13	-21.80	117.90	216.36	206.96	9.40	23.028		
1,100.00	1,088.37	1,112.31	1,108.51	4.76	4.50	-171.11	-25.10	107.80	231.07	221.28	9.80	23.583		
1,200.00	1,185.24	1,211.22	1,206.84	5.11	4.73	-171.09	-28.41	97.69	245.79	235.56	10.23	24.028		
1,300.00	1,282.11	1,310.13	1,305.18	5.49	4.96	-171.08	-31.71	87.59	260.51	249.83	10.69	24.379		
1,400.00	1,378.97	1,409.04	1,403.52	5.88	5.20	-171.07	-35.01	77.48	275.23	264.07	11.16	24.658		
1,500.00	1,475.84	1,507.95	1,501.86	6.29	5.45	-171.05	-38.32	67.38	289.95	278.29	11.66	24.873		
1,600.00	1,572.71	1,606.86	1,600.20	6.71	5.71	-171.04	-41.62	57.28	304.67	292.50	12.17	25.038		
1,700.00	1,669.57	1,705.78	1,698.53	7.14	5.98	-171.03	-44.92	47.17	319.39	306.69	12.69	25.163		
1,800.00	1,766.44	1,804.69	1,796.87	7.38	6.11	-171.02	-48.22	37.07	334.11	321.52	12.59	26.546		
1,900.00	1,863.31	1,903.60	1,895.21	7.46	6.13	-171.02	-51.53	26.96	348.82	336.20	12.63	27.629		
2,000.00	1,960.17	2,002.51	1,993.55	7.56	6.18	-171.01	-54.83	16.86	363.54	350.84	12.70	28.625		
2,100.00	2,057.04	2,101.42	2,091.89	7.70	6.24	-171.00	-58.13	6.75	378.26	365.45	12.81	29.532		
2,200.00	2,153.91	2,200.33	2,190.22	7.86	6.32	-171.00	-61.44	-3.35	392.98	380.03	12.95	30.344		
2,300.00	2,250.78	2,299.24	2,288.56	8.05	6.41	-170.99	-64.74	-13.46	407.70	394.58	13.12	31.063		
2,400.00	2,347.64	2,401.85	2,386.90	8.27	6.52	-170.98	-68.04	-23.56	422.42	409.09	13.33	31.681		
2,500.00	2,444.51	2,502.94	2,485.24	8.52	6.64	-170.98	-71.34	-33.67	437.14	423.57	13.57	32.212		
2,600.00	2,541.38	2,604.03	2,583.57	8.78	6.78	-170.98	-74.65	-43.77	451.86	438.02	13.84	32.658		
2,700.00	2,638.24	2,705.12	2,681.91	9.06	6.93	-170.97	-77.95	-53.88	466.58	452.45	14.13	33.025		
2,800.00	2,735.11	2,806.21	2,780.25	9.37	7.09	-170.97	-81.25	-63.98	481.29	466.85	14.44	33.319		
2,900.00	2,831.98	2,907.29	2,878.59	9.69	7.27	-170.96	-84.56	-74.09	496.01	481.23	14.79	33.548		
3,000.00	2,928.84	3,008.38	2,976.93	10.02	7.45	-170.96	-87.86	-84.19	510.73	495.59	15.15	33.719		
3,100.00	3,025.71	3,109.47	3,075.26	10.37	7.65	-170.96	-91.16	-94.30	525.45	509.92	15.53	33.838		
3,200.00	3,122.58	3,189.44	3,173.60	10.73	7.81	-170.95	-94.46	-104.40	540.17	524.28	15.89	33.992		
3,300.00	3,219.45	3,288.35	3,271.94	11.10	8.01	-170.95	-97.77	-114.51	554.89	538.59	16.30	34.036		
3,400.00	3,316.31	3,387.26	3,370.28	11.48	8.22	-170.95	-101.07	-124.61	569.61	552.88	16.73	34.046		
3,500.00	3,413.18	3,486.17	3,468.62	11.87	8.44	-170.94	-104.37	-134.71	584.33	567.15	17.17	34.027		
3,600.00	3,510.05	3,585.08	3,566.95	12.27	8.67	-170.94	-107.68	-144.82	599.04	581.42	17.63	33.983		
3,700.00	3,606.91	3,683.99	3,665.29	12.67	8.90	-170.94	-110.98	-154.92	613.76	595.67	18.09	33.919		
3,800.00	3,703.78	3,782.90	3,763.63	13.08	9.14	-170.94	-114.28	-165.03	628.48	609.91	18.57	33.837		
3,900.00	3,800.65	3,881.81	3,861.97	13.50	9.38	-170.93	-117.58	-175.13	643.20	624.14	19.06	33.741		
4,000.00	3,897.51	3,980.72	3,960.31	13.92	9.63	-170.93	-120.89	-185.24	657.92	638.36	19.56	33.633		
4,100.00	3,994.38	4,079.64	4,058.64	14.35	9.88	-170.93	-124.19	-195.34	672.64	652.57	20.07	33.516		
4,200.00	4,091.25	4,178.55	4,156.98	14.78	10.13	-170.93	-127.49	-205.45	687.36	666.77	20.59	33.391		
4,300.00	4,188.11	4,277.46	4,255.32	15.22	10.39	-170.92	-130.80	-215.55	702.08	680.97	21.11	33.260		
4,400.00	4,284.98	4,376.37	4,353.66	15.66	10.66	-170.92	-134.10	-225.66	716.80	695.16	21.64	33.124		
4,500.00	4,381.85	4,475.28	4,451.99	16.11	10.92	-170.92	-137.40	-235.76	731.51	709.34	22.18	32.986		
4,600.00	4,478.72	4,574.19	4,550.33	16.55	11.19	-170.92	-140.70	-245.87	746.23	723.51	22.72	32.845		
4,700.00	4,575.58	4,673.10	4,648.67	17.00	11.46	-170.92	-144.01	-255.97	760.95	737.68	23.27	32.703		
4,800.00	4,672.45	4,772.01	4,747.01	17.46	11.73	-170.92	-147.31	-266.08	775.67	751.85	23.82	32.560		
4,900.00	4,769.32	4,870.92	4,845.35	17.91	12.01	-170.91	-150.61	-276.18	790.39	766.01	24.38	32.417		
5,000.00	4,866.18	4,969.83	4,943.68	18.37	12.29	-170.91	-153.91	-286.29	805.11	780.16	24.95	32.275		
5,100.00	4,963.05	5,068.74	5,042.02	18.83	12.57	-170.91	-157.22	-296.39	819.83	794.31	25.51	32.134		
5,200.00	5,059.92	5,167.66	5,140.36	19.29	12.85	-170.91	-160.52	-306.50	834.55	808.46	26.08	31.994		
5,300.00	5,156.78	5,266.57	5,238.70	19.76	13.14	-170.91	-163.82	-316.60	849.27	822.61	26.66	31.856		
5,400.00	5,253.65	5,365.48	5,337.04	20.22	13.42	-170.91	-167.13	-326.70	863.98	836.75	27.24	31.719		
5,500.00	5,350.52	5,464.39	5,435.37	20.69	13.71	-170.91	-170.43	-336.81	878.70	850.88	27.82	31.584		
5,600.00	5,447.39	5,563.30	5,533.71	21.16	14.00	-170.91	-173.73	-346.91	893.42	865.02	28.41	31.452		
5,700.00	5,544.25	5,662.21	5,632.05	21.63	14.29	-170.90	-177.03	-357.02	908.14	879.15	28.99	31.322		
5,800.00	5,641.12	5,761.12	5,730.39	22.10	14.58	-170.90	-180.34	-367.12	922.86	893.28	29.58	31.194		
5,900.00	5,737.99	5,860.03	5,828.73	22.58	14.88	-170.90	-183.64	-377.23	937.58	907.40	30.18	31.069		
6,000.00	5,834.85	5,958.94	5,927.06	23.05	15.17	-170.90	-186.94	-387.33	952.30	921.52	30.77	30.946		
6,100.00	5,931.72	6,057.85	6,025.40	23.53	15.47	-170.90	-190.25	-397.44	967.02	935.65	31.37	30.825		
6,200.00	6,028.59	6,156.76	6,123.74	24.00	15.76	-170.90	-193.55	-407.54	981.74	949.76	31.97	30.707		
6,300.00	6,126.39	6,256.16	6,222.56	24.31	16.06	-166.16	-196.87	-417.70	992.02	959.50	32.51	30.513		
6,400.00	6,226.12	7,876.28	7,155.51	24.44	35.09	66.84	-232.35	-1,409.09	937.17	908.09	29.08	32.230		



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		
6,500.00	6,325.45	7,865.73	7,155.53	24.51	34.83	147.27	-232.30	-1,398.54	838.16	808.83	29.33	28.573		
6,600.00	6,421.92	7,839.77	7,155.57	24.57	34.20	159.62	-232.18	-1,372.58	742.10	712.57	29.53	25.133		
6,700.00	6,513.18	7,800.96	7,155.63	24.67	33.25	164.00	-232.00	-1,331.85	651.38	621.70	29.68	21.949		
6,800.00	6,596.96	7,744.54	7,155.71	24.87	31.93	165.89	-231.75	-1,277.35	568.25	538.45	29.80	19.070		
6,900.00	6,671.20	7,677.61	7,155.81	25.23	30.39	166.63	-231.44	-1,210.43	494.77	464.84	29.93	16.530		
7,000.00	6,734.09	7,600.09	7,155.93	25.80	28.66	166.76	-231.09	-1,132.72	432.75	402.65	30.10	14.377		
7,100.00	6,784.06	7,451.77	7,147.61	26.64	25.62	165.26	-230.13	-985.04	380.20	348.88	31.32	12.140		
7,200.00	6,819.89	7,280.73	7,097.74	27.74	22.60	161.60	-227.72	-821.99	319.35	285.73	33.62	9.499		
7,300.00	6,840.69	7,150.05	7,031.39	29.08	20.79	156.60	-225.00	-709.71	253.42	217.68	35.74	7.091		
7,400.00	6,846.73	7,044.28	6,961.79	30.59	19.66	147.71	-222.33	-630.26	186.53	148.36	38.17	4.887		
7,500.00	6,849.06	6,964.32	6,900.98	32.30	18.97	126.93	-220.08	-578.47	117.79	74.75	43.04	2.737		
7,600.00	6,851.39	6,905.14	6,852.05	34.17	18.53	92.85	-218.30	-545.27	69.81	16.79	53.02	1.317	Level 3	
7,613.18	6,851.69	6,898.52	6,846.39	34.44	18.49	88.09	-218.10	-541.85	68.87	15.70	53.17	1.295	Level 3, CC, ES, SF	
7,700.00	6,853.71	6,860.29	6,813.03	36.20	18.24	61.94	-216.91	-523.22	103.16	59.57	43.59	2.366		
7,800.00	6,856.04	6,825.44	6,781.70	38.34	18.04	44.52	-215.80	-508.01	181.39	143.40	37.99	4.774		
7,900.00	6,858.37	6,800.00	6,758.33	40.59	17.90	35.78	-214.98	-498.01	269.68	233.27	36.41	7.406		
8,000.00	6,860.70	6,775.27	6,735.24	42.93	17.78	29.58	-214.17	-489.19	361.64	325.79	35.85	10.087		
8,100.00	6,863.03	6,750.00	6,711.31	45.34	17.66	24.85	-213.34	-481.11	455.66	420.02	35.63	12.788		
8,200.00	6,865.36	6,750.00	6,711.31	47.81	17.66	24.85	-213.34	-481.11	550.88	515.52	35.36	15.579		
8,300.00	6,867.69	6,727.96	6,690.20	50.34	17.56	21.67	-212.62	-474.84	646.79	611.45	35.34	18.303		
8,400.00	6,870.02	6,716.62	6,679.25	52.91	17.51	20.28	-212.24	-471.90	743.47	708.20	35.27	21.077		
8,500.00	6,872.34	6,700.00	6,663.12	55.52	17.44	18.50	-211.69	-467.95	840.70	805.43	35.28	23.832		
8,600.00	6,874.67	6,700.00	6,663.12	58.16	17.44	18.50	-211.69	-467.95	938.20	903.02	35.18	26.668		
8,700.00	6,877.00	6,700.00	6,663.12	60.83	17.44	18.50	-211.69	-467.95	1,036.17	1,001.07	35.10	29.518		
8,800.00	6,879.33	6,683.77	6,647.27	63.53	17.38	17.00	-211.15	-464.49	1,134.18	1,099.03	35.15	32.265		



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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	84.11	18.58	180.15	181.10				
100.00	100.00	103.00	97.00	3.28	3.28	84.11	18.58	180.15	181.10	173.58	7.53	24.059	
200.00	200.00	203.00	197.00	3.30	3.30	84.11	18.58	180.15	181.10	173.54	7.57	23.925	
300.00	300.00	300.16	300.16	3.34	3.34	179.60	18.56	179.71	181.13	173.48	7.65	23.674	
400.00	399.93	406.89	406.82	3.40	3.41	179.53	18.43	175.86	181.02	173.25	7.77	23.309	
500.00	499.68	513.61	513.24	3.49	3.50	179.38	18.16	168.04	180.68	172.76	7.92	22.814	
551.71	551.15	567.76	567.12	3.54	3.56	179.27	17.97	162.60	180.46	172.44	8.02	22.511	
600.00	599.13	616.05	615.14	3.60	3.62	179.17	17.79	157.51	180.86	172.74	8.12	22.270	
700.00	698.15	715.99	714.52	3.74	3.76	178.99	17.42	146.98	184.29	175.92	8.37	22.013	
800.00	796.63	815.74	813.71	3.93	3.92	178.83	17.05	136.48	191.21	182.55	8.66	22.067	
900.00	894.44	915.19	912.61	4.16	4.10	178.70	16.69	126.00	201.61	192.61	9.00	22.407	
1,000.00	991.50	1,014.25	1,011.12	4.44	4.29	178.61	16.32	115.57	215.30	205.93	9.37	22.979	
1,100.00	1,088.37	1,113.19	1,109.50	4.76	4.50	178.54	15.96	105.14	229.82	220.06	9.76	23.542	
1,200.00	1,185.24	1,212.13	1,207.89	5.11	4.72	178.47	15.60	94.72	244.34	234.16	10.18	23.998	
1,300.00	1,282.11	1,311.07	1,306.28	5.49	4.95	178.42	15.23	84.30	258.86	248.23	10.63	24.363	
1,400.00	1,378.97	1,410.01	1,404.67	5.88	5.19	178.36	14.87	73.88	273.38	262.29	11.09	24.656	
1,500.00	1,475.84	1,508.95	1,503.06	6.29	5.44	178.32	14.50	63.46	287.90	276.33	11.57	24.885	
1,600.00	1,572.71	1,607.89	1,601.45	6.71	5.70	178.28	14.14	53.04	302.42	290.35	12.07	25.065	
1,700.00	1,669.57	1,706.83	1,699.84	7.14	5.95	178.24	13.78	42.62	316.94	304.37	12.57	25.220	
1,800.00	1,766.44	1,805.77	1,798.23	7.38	6.08	178.21	13.41	32.19	331.46	319.00	12.46	26.609	
1,900.00	1,863.31	1,904.71	1,896.62	7.46	6.11	178.18	13.05	21.77	345.98	333.48	12.49	27.694	
2,000.00	1,960.17	2,003.65	1,995.01	7.56	6.15	178.15	12.68	11.35	360.49	347.93	12.56	28.697	
2,100.00	2,057.04	2,102.59	2,093.39	7.70	6.21	178.12	12.32	0.93	375.01	362.35	12.66	29.611	
2,200.00	2,153.91	2,201.53	2,191.78	7.86	6.29	178.10	11.96	-9.49	389.53	376.74	12.80	30.434	
2,300.00	2,250.78	2,300.47	2,290.17	8.05	6.38	178.07	11.59	-19.91	404.05	391.09	12.96	31.165	
2,400.00	2,347.64	2,400.59	2,388.56	8.27	6.48	178.05	11.23	-30.34	418.57	405.41	13.16	31.803	
2,500.00	2,444.51	2,501.65	2,486.95	8.52	6.60	178.03	10.86	-40.76	433.09	419.71	13.39	32.350	
2,600.00	2,541.38	2,602.71	2,585.34	8.78	6.74	178.01	10.50	-51.18	447.61	433.97	13.64	32.813	
2,700.00	2,638.24	2,703.77	2,683.73	9.06	6.89	178.00	10.14	-61.60	462.13	448.21	13.92	33.197	
2,800.00	2,735.11	2,804.83	2,782.12	9.37	7.04	177.98	9.77	-72.02	476.65	462.43	14.22	33.509	
2,900.00	2,831.98	2,905.89	2,880.51	9.69	7.21	177.96	9.41	-82.44	491.17	476.62	14.55	33.755	
3,000.00	2,928.84	3,006.95	2,978.90	10.02	7.40	177.95	9.04	-92.87	505.69	490.80	14.90	33.942	
3,100.00	3,025.71	3,108.01	3,077.29	10.37	7.59	177.94	8.68	-103.29	520.22	504.95	15.27	34.077	
3,200.00	3,122.58	3,209.07	3,175.67	10.73	7.78	177.92	8.32	-113.71	534.74	519.08	15.65	34.165	
3,300.00	3,219.45	3,289.87	3,274.06	11.10	7.95	177.91	7.95	-124.13	549.26	533.24	16.02	34.291	
3,400.00	3,316.31	3,388.81	3,372.45	11.48	8.16	177.90	7.59	-134.55	563.78	547.35	16.43	34.314	
3,500.00	3,413.18	3,487.75	3,470.84	11.87	8.37	177.89	7.22	-144.97	578.30	561.44	16.86	34.307	
3,600.00	3,510.05	3,586.69	3,569.23	12.27	8.60	177.88	6.86	-155.39	592.82	575.52	17.30	34.274	
3,700.00	3,606.91	3,685.63	3,667.62	12.67	8.82	177.87	6.50	-165.82	607.34	589.59	17.75	34.220	
3,800.00	3,703.78	3,784.57	3,766.01	13.08	9.06	177.86	6.13	-176.24	621.86	603.65	18.21	34.147	
3,900.00	3,800.65	3,883.51	3,864.40	13.50	9.29	177.85	5.77	-186.66	636.38	617.69	18.68	34.059	
4,000.00	3,897.51	3,982.45	3,962.79	13.92	9.54	177.84	5.40	-197.08	650.90	631.73	19.17	33.958	
4,100.00	3,994.38	4,081.39	4,061.18	14.35	9.79	177.83	5.04	-207.50	665.42	645.76	19.66	33.848	
4,200.00	4,091.25	4,180.33	4,159.57	14.78	10.04	177.82	4.68	-217.92	679.94	659.78	20.16	33.729	
4,300.00	4,188.11	4,279.27	4,257.95	15.22	10.29	177.82	4.31	-228.35	694.46	673.79	20.67	33.603	
4,400.00	4,284.98	4,378.21	4,356.34	15.66	10.55	177.81	3.95	-238.77	708.98	687.80	21.18	33.473	
4,500.00	4,381.85	4,477.15	4,454.73	16.11	10.81	177.80	3.58	-249.19	723.50	701.80	21.70	33.339	
4,600.00	4,478.72	4,576.09	4,553.12	16.55	11.08	177.80	3.22	-259.61	738.02	715.79	22.23	33.202	
4,700.00	4,575.58	4,675.03	4,651.51	17.00	11.34	177.79	2.86	-270.03	752.54	729.78	22.76	33.063	
4,800.00	4,672.45	4,773.97	4,749.90	17.46	11.61	177.78	2.49	-280.45	767.06	743.76	23.30	32.923	
4,900.00	4,769.32	4,872.91	4,848.29	17.91	11.88	177.78	2.13	-290.88	781.58	757.74	23.84	32.783	
5,000.00	4,866.18	4,971.85	4,946.68	18.37	12.16	177.77	1.76	-301.30	796.10	771.71	24.39	32.643	
5,100.00	4,963.05	5,070.79	5,045.07	18.83	12.44	177.77	1.40	-311.72	810.62	785.68	24.94	32.503	
5,200.00	5,059.92	5,169.73	5,143.46	19.29	12.71	177.76	1.04	-322.14	825.14	799.65	25.49	32.365	
5,300.00	5,156.78	5,268.67	5,241.84	19.76	12.99	177.75	0.67	-332.56	839.66	813.61	26.05	32.228	
5,400.00	5,253.65	5,367.61	5,340.23	20.22	13.28	177.75	0.31	-342.98	854.19	827.57	26.62	32.093	
5,500.00	5,350.52	5,466.55	5,438.62	20.69	13.56	177.75	-0.06	-353.40	868.71	841.52	27.18	31.959	
5,600.00	5,447.39	5,565.49	5,537.01	21.16	13.84	177.74	-0.42	-363.83	883.23	855.48	27.75	31.828	
5,700.00	5,544.25	5,664.43	5,635.40	21.63	14.13	177.74	-0.78	-374.25	897.75	869.42	28.32	31.698	
5,800.00	5,641.12	5,763.37	5,733.79	22.10	14.42	177.73	-1.15	-384.67	912.27	883.37	28.90	31.571	
5,900.00	5,737.99	5,862.31	5,832.18	22.58	14.71	177.73	-1.51	-395.09	926.79	897.31	29.47	31.445	
6,000.00	5,834.85	5,961.26	5,930.57	23.05	15.00	177.72	-1.88	-405.51	941.31	911.26	30.05	31.323	
6,100.00	5,931.72												



Offset Design		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 31N-11B-L - Wellbore #1 - Design #1										Offset Site Error:		0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
6,500.00	6,325.45	7,671.23	6,962.59	24.51	34.53	-136.37	-10.82	-1,399.28	653.08	622.92	30.17	21.649		
6,600.00	6,421.92	7,645.29	6,962.62	24.57	33.89	-145.46	-10.67	-1,373.35	559.42	528.51	30.91	18.096		
6,700.00	6,513.18	7,604.58	6,962.68	24.67	32.89	-148.91	-10.43	-1,332.64	471.90	440.04	31.86	14.811		
6,800.00	6,596.96	7,550.10	6,962.75	24.87	31.59	-149.24	-10.12	-1,278.16	393.07	359.92	33.15	11.858		
6,900.00	6,671.20	7,483.19	6,962.84	25.23	30.02	-147.49	-9.73	-1,211.25	325.30	290.41	34.89	9.324		
7,000.00	6,734.09	7,405.51	6,962.94	25.80	28.26	-144.09	-9.28	-1,133.57	270.59	233.46	37.13	7.288		
7,100.00	6,784.06	7,302.58	6,960.45	26.64	26.06	-137.84	-8.68	-1,030.72	228.65	188.93	39.73	5.756		
7,200.00	6,819.89	7,189.82	6,940.51	27.74	23.83	-127.54	-7.97	-919.89	191.22	147.97	43.25	4.421		
7,300.00	6,840.69	7,088.80	6,906.30	29.08	22.05	-114.15	-7.32	-824.96	161.34	113.76	47.58	3.391		
7,400.00	6,846.73	6,996.98	6,862.52	30.59	20.67	-97.37	-6.71	-744.33	144.91	93.66	51.24	2.828		
7,436.67	6,847.58	6,966.53	6,845.49	31.22	20.27	-90.36	-6.52	-719.09	143.35	91.35	51.99	2.757	CC, ES, SF	
7,500.00	6,849.06	6,918.65	6,816.34	32.30	19.68	-78.53	-6.21	-681.13	148.75	97.00	51.75	2.874		
7,600.00	6,851.39	6,854.09	6,772.67	34.17	18.98	-62.80	-5.80	-633.61	180.18	131.82	48.36	3.726		
7,700.00	6,853.71	6,800.00	6,732.53	36.20	18.47	-51.42	-5.46	-597.38	233.97	189.37	44.60	5.246		
7,800.00	6,856.04	6,757.08	6,698.59	38.34	18.11	-43.98	-5.21	-571.14	301.65	259.57	42.08	7.168		
7,900.00	6,858.37	6,720.53	6,668.34	40.59	17.84	-38.70	-4.99	-550.63	377.75	337.23	40.51	9.324		
8,000.00	6,860.70	6,689.81	6,642.04	42.93	17.62	-34.93	-4.82	-534.76	459.25	419.73	39.52	11.621		
8,100.00	6,863.03	6,663.74	6,619.14	45.34	17.46	-32.15	-4.68	-522.30	544.45	505.60	38.85	14.013		
8,200.00	6,865.36	6,650.00	6,606.87	47.81	17.37	-30.82	-4.60	-516.12	632.43	594.06	38.37	16.484		
8,300.00	6,867.69	6,622.12	6,581.58	50.34	17.21	-28.37	-4.46	-504.38	722.16	684.12	38.05	18.981		
8,400.00	6,870.02	6,600.00	6,561.17	52.91	17.09	-26.64	-4.35	-495.87	813.58	775.77	37.80	21.521		
8,500.00	6,872.34	6,600.00	6,561.17	55.52	17.09	-26.64	-4.35	-495.87	906.24	868.70	37.54	24.142		
8,600.00	6,874.67	6,577.50	6,540.11	58.16	16.97	-25.06	-4.23	-487.95	999.67	962.25	37.41	26.719		
8,700.00	6,877.00	6,565.90	6,529.15	60.83	16.92	-24.31	-4.18	-484.15	1,094.00	1,056.72	37.28	29.346		
8,800.00	6,879.33	6,550.00	6,514.02	63.53	16.84	-23.33	-4.10	-479.28	1,189.03	1,151.83	37.19	31.969		



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	77.92	38.61	180.43	184.51					
100.00	100.00	103.00	97.00	3.28	3.28	77.92	38.61	180.43	184.51	176.99	7.53	24.512		
200.00	200.00	203.00	197.00	3.30	3.30	77.92	38.61	180.43	184.51	176.94	7.57	24.376	CC	
300.00	300.00	299.89	299.89	3.34	3.34	173.38	38.72	180.01	184.58	176.93	7.65	24.123	ES	
400.00	399.93	406.03	405.95	3.40	3.41	172.99	39.63	176.30	184.82	177.05	7.77	23.788		
500.00	499.68	512.13	511.76	3.49	3.51	172.21	41.47	168.79	185.22	177.29	7.93	23.367		
600.00	599.13	614.67	613.75	3.60	3.62	171.16	44.01	158.47	186.36	178.23	8.13	22.917		
700.00	698.15	714.53	713.04	3.74	3.76	170.28	46.56	148.08	190.71	182.33	8.39	22.740		
800.00	796.63	814.20	812.13	3.93	3.92	169.60	49.10	137.71	198.53	189.84	8.68	22.863		
900.00	894.44	913.54	910.91	4.16	4.10	169.14	51.64	127.37	209.78	200.76	9.02	23.254		
1,000.00	991.50	1,012.48	1,009.27	4.44	4.30	168.89	54.17	117.08	224.27	214.87	9.40	23.863		
1,100.00	1,088.37	1,111.30	1,107.53	4.76	4.50	168.75	56.70	106.80	239.57	229.78	9.80	24.455		
1,200.00	1,185.24	1,210.12	1,205.78	5.11	4.72	168.62	59.22	96.52	254.88	244.65	10.22	24.932		
1,300.00	1,282.11	1,308.94	1,304.03	5.49	4.95	168.51	61.75	86.24	270.18	259.51	10.67	25.314		
1,400.00	1,378.97	1,407.77	1,402.28	5.88	5.19	168.41	64.27	75.95	285.49	274.34	11.14	25.619		
1,500.00	1,475.84	1,506.59	1,500.53	6.29	5.44	168.32	66.80	65.67	300.79	289.16	11.63	25.857		
1,600.00	1,572.71	1,605.41	1,598.79	6.71	5.69	168.23	69.32	55.39	316.10	303.96	12.14	26.043		
1,700.00	1,669.57	1,704.23	1,697.04	7.14	5.95	168.16	71.85	45.11	331.41	318.75	12.65	26.196		
1,800.00	1,766.44	1,803.05	1,795.29	7.38	6.08	168.09	74.37	34.83	346.71	334.16	12.55	27.624		
1,900.00	1,863.31	1,901.87	1,893.54	7.46	6.11	168.03	76.90	24.55	362.02	349.43	12.59	28.748		
2,000.00	1,960.17	2,000.69	1,991.79	7.56	6.15	167.97	79.42	14.27	377.33	364.66	12.67	29.785		
2,100.00	2,057.04	2,099.51	2,090.04	7.70	6.21	167.92	81.95	3.99	392.64	379.86	12.78	30.728		
2,200.00	2,153.91	2,201.67	2,188.30	7.86	6.29	167.87	84.47	-6.30	407.95	395.03	12.92	31.569		
2,300.00	2,250.78	2,302.85	2,286.55	8.05	6.38	167.83	87.00	-16.58	423.26	410.16	13.10	32.313		
2,400.00	2,347.64	2,404.03	2,384.80	8.27	6.49	167.79	89.52	-26.86	438.57	425.26	13.31	32.961		
2,500.00	2,444.51	2,494.79	2,483.05	8.52	6.60	167.75	92.05	-37.14	453.88	440.35	13.53	33.544		
2,600.00	2,541.38	2,606.39	2,581.30	8.78	6.74	167.71	94.58	-47.42	469.19	455.38	13.81	33.984		
2,700.00	2,638.24	2,707.57	2,679.56	9.06	6.89	167.68	97.10	-57.70	484.50	470.40	14.10	34.371		
2,800.00	2,735.11	2,808.75	2,777.81	9.37	7.05	167.64	99.63	-67.98	499.81	485.40	14.41	34.683		
2,900.00	2,831.98	2,909.93	2,876.06	9.69	7.22	167.61	102.15	-78.26	515.12	500.37	14.75	34.927		
3,000.00	2,928.84	2,988.90	2,974.31	10.02	7.36	167.59	104.68	-88.54	530.43	515.36	15.07	35.193		
3,100.00	3,025.71	3,087.72	3,072.56	10.37	7.54	167.56	107.20	-98.83	545.74	530.30	15.44	35.335		
3,200.00	3,122.58	3,186.54	3,170.82	10.73	7.73	167.53	109.73	-109.11	561.05	545.22	15.84	35.429		
3,300.00	3,219.45	3,285.36	3,269.07	11.10	7.93	167.51	112.25	-119.39	576.36	560.12	16.24	35.483		
3,400.00	3,316.31	3,384.18	3,367.32	11.48	8.14	167.49	114.78	-129.67	591.67	575.01	16.67	35.501		
3,500.00	3,413.18	3,483.00	3,465.57	11.87	8.36	167.47	117.30	-139.95	606.99	589.88	17.10	35.489		
3,600.00	3,510.05	3,581.82	3,563.82	12.27	8.58	167.45	119.83	-150.23	622.30	604.74	17.55	35.450		
3,700.00	3,606.91	3,680.64	3,662.08	12.67	8.80	167.43	122.35	-160.51	637.61	619.59	18.02	35.390		
3,800.00	3,703.78	3,779.46	3,760.33	13.08	9.03	167.41	124.88	-170.79	652.92	634.43	18.49	35.311		
3,900.00	3,800.65	3,878.28	3,858.58	13.50	9.27	167.39	127.40	-181.08	668.23	649.26	18.97	35.217		
4,000.00	3,897.51	3,977.10	3,956.83	13.92	9.51	167.37	129.93	-191.36	683.54	664.07	19.47	35.111		
4,100.00	3,994.38	4,075.92	4,055.08	14.35	9.76	167.36	132.45	-201.64	698.85	678.88	19.97	34.994		
4,200.00	4,091.25	4,174.74	4,153.33	14.78	10.01	167.34	134.98	-211.92	714.17	693.68	20.48	34.869		
4,300.00	4,188.11	4,273.56	4,251.59	15.22	10.26	167.33	137.50	-222.20	729.48	708.48	21.00	34.738		
4,400.00	4,284.98	4,372.38	4,349.84	15.66	10.52	167.31	140.03	-232.48	744.79	723.26	21.52	34.601		
4,500.00	4,381.85	4,471.20	4,448.09	16.11	10.78	167.30	142.55	-242.76	760.10	738.04	22.06	34.461		
4,600.00	4,478.72	4,570.03	4,546.34	16.55	11.04	167.28	145.08	-253.04	775.41	752.82	22.59	34.319		
4,700.00	4,575.58	4,668.85	4,644.59	17.00	11.31	167.27	147.61	-263.33	790.73	767.59	23.14	34.175		
4,800.00	4,672.45	4,767.67	4,742.85	17.46	11.57	167.26	150.13	-273.61	806.04	782.35	23.69	34.030		
4,900.00	4,769.32	4,866.49	4,841.10	17.91	11.84	167.25	152.66	-283.89	821.35	797.11	24.24	33.884		
5,000.00	4,866.18	4,965.31	4,939.35	18.37	12.12	167.24	155.18	-294.17	836.66	811.86	24.80	33.739		
5,100.00	4,963.05	5,064.13	5,037.60	18.83	12.39	167.23	157.71	-304.45	851.97	826.61	25.36	33.595		
5,200.00	5,059.92	5,162.95	5,135.85	19.29	12.67	167.22	160.23	-314.73	867.29	841.36	25.93	33.452		
5,300.00	5,156.78	5,261.77	5,234.11	19.76	12.95	167.20	162.76	-325.01	882.60	856.10	26.50	33.311		
5,400.00	5,253.65	5,360.59	5,332.36	20.22	13.23	167.20	165.28	-335.29	897.91	870.84	27.07	33.171		
5,500.00	5,350.52	5,459.41	5,430.61	20.69	13.51	167.19	167.81	-345.58	913.22	885.58	27.65	33.033		
5,600.00	5,447.39	5,558.23	5,528.86	21.16	13.79	167.18	170.33	-355.86	928.53	900.31	28.23	32.897		
5,700.00	5,544.25	5,657.05	5,627.11	21.63	14.08	167.17	172.86	-366.14	943.85	915.04	28.81	32.764		
5,800.00	5,641.12	5,755.87	5,725.36	22.10	14.36	167.16	175.38	-376.42	959.16	929.77	29.39	32.632		
5,900.00	5,737.99	5,854.69	5,823.62	22.58	14.65	167.15	177.91	-386.70	974.47	944.49	29.98	32.503		
6,000.00	5,834.85	5,953.51	5,921.87	23.05	14.94	167.14	180.43	-396.98	989.78	959.21	30.57	32.377		
6,100.00	5,931.72	6,052.33	6,020.12	23.53	15.23	167.13	182.96	-407.26	1,005.10	973.93	31.16	32.253		
6,200.00	6,028.59	6,151.16	6,118.37	24.00	15.52	167.13	185.48	-417.54	1,020.41	988.65	31.76	32.131		
6,300.00	6,126.39	7,755.57	7,037.20	24.31	34.86	117.98	205.29	-1,406.64	975.30	941.96	33.34	29.253		
6,400.00	6,226.12	7,760.59	7,037.18	24.44	34.98	-136.12	205.27	-1,411.65	883.44	848.69	34.75	25.424		
6,500.00	6,325.45	7,749.94	7,037.21	24.51	34.72	-117.18	205.32	-1,401.00	793.89	757.60	36.29	21.874		



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	6,421.92	7,723.88	7,037.28	24.57	34.07	-123.55	205.43	-1,374.94	709.45	671.46	37.99	18.674		
6,700.00	6,513.18	7,683.06	7,037.38	24.67	33.08	-127.30	205.61	-1,334.12	632.79	592.96	39.83	15.888		
6,800.00	6,596.96	7,628.47	7,037.52	24.87	31.77	-128.48	205.84	-1,279.54	566.24	524.51	41.74	13.567		
6,900.00	6,671.20	7,561.47	7,037.69	25.23	30.21	-127.79	206.13	-1,212.54	511.53	467.94	43.59	11.736		
7,000.00	6,734.09	7,483.70	7,037.89	25.80	28.45	-125.84	206.47	-1,134.77	469.41	424.20	45.20	10.385		
7,100.00	6,784.06	7,368.03	7,034.35	26.64	25.99	-121.46	206.87	-1,019.23	438.14	391.96	46.18	9.488		
7,200.00	6,819.89	7,234.69	7,006.37	27.74	23.41	-114.66	206.69	-889.11	408.97	361.77	47.21	8.663		
7,300.00	6,840.69	7,120.80	6,961.46	29.08	21.52	-107.67	205.96	-784.62	383.59	334.91	48.68	7.879		
7,400.00	6,846.73	7,021.20	6,907.47	30.59	20.16	-99.98	204.91	-701.05	364.62	314.31	50.31	7.247		
7,500.00	6,849.06	6,939.82	6,854.12	32.30	19.25	-91.24	203.78	-639.68	353.86	301.88	51.98	6.807		
7,532.24	6,849.81	6,917.41	6,838.08	32.90	19.03	-88.58	203.42	-624.02	353.07	300.63	52.44	6.732		
7,600.00	6,851.39	6,875.43	6,806.62	34.17	18.64	-83.39	202.72	-596.26	356.86	303.82	53.04	6.728 SF		
7,700.00	6,853.71	6,824.18	6,765.83	36.20	18.22	-76.80	201.78	-565.26	377.26	324.26	53.01	7.117		
7,800.00	6,856.04	6,782.92	6,731.26	38.34	17.92	-71.47	200.98	-542.75	414.95	362.94	52.01	7.978		
7,900.00	6,858.37	6,750.00	6,702.69	40.59	17.70	-67.28	200.30	-526.44	467.24	416.70	50.54	9.245		
8,000.00	6,860.70	6,721.39	6,677.20	42.93	17.52	-63.74	199.69	-513.47	530.72	481.72	48.99	10.832		
8,100.00	6,863.03	6,700.00	6,657.77	45.34	17.40	-61.17	199.22	-504.53	602.42	554.83	47.59	12.659		
8,200.00	6,865.36	6,678.27	6,637.74	47.81	17.28	-58.64	198.73	-496.12	680.08	633.70	46.38	14.665		
8,300.00	6,867.69	6,661.31	6,621.91	50.34	17.20	-56.73	198.34	-490.04	762.12	716.76	45.36	16.802		
8,400.00	6,870.02	6,650.00	6,611.27	52.91	17.14	-55.49	198.08	-486.21	847.44	802.93	44.51	19.040		
8,500.00	6,872.34	6,633.81	6,595.93	55.52	17.06	-53.76	197.70	-481.07	935.20	891.39	43.80	21.350		
8,600.00	6,874.67	6,622.53	6,585.16	58.16	17.01	-52.59	197.43	-477.72	1,024.88	981.67	43.21	23.719		
8,700.00	6,877.00	6,600.00	6,563.48	60.83	16.91	-50.34	196.89	-471.61	1,116.25	1,073.52	42.73	26.125		



Offset Design5N-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	114.43	-81.60	179.59	197.26				
100.00	100.00	103.00	97.00	3.28	3.28	114.43	-81.60	179.59	197.26	189.73	7.53	26.205	
200.00	200.00	203.00	197.00	3.30	3.30	114.43	-81.60	179.59	197.26	189.69	7.57	26.060	CC, ES
200.03	200.03	202.97	197.03	3.30	3.30	114.43	-81.60	179.59	197.26	189.69	7.57	26.060	
300.00	300.00	297.47	297.47	3.34	3.34	-150.01	-81.93	179.38	197.58	189.93	7.65	25.830	
400.00	399.93	398.41	398.35	3.40	3.40	-149.51	-84.83	177.51	200.12	192.35	7.76	25.778	
500.00	499.68	499.14	498.83	3.49	3.48	-148.52	-90.70	173.73	205.21	197.29	7.93	25.891	
600.00	599.13	599.53	598.66	3.60	3.58	-147.11	-99.50	168.06	212.94	204.79	8.14	26.149	
700.00	698.15	699.43	697.58	3.74	3.72	-145.37	-111.17	160.54	223.39	214.96	8.42	26.526	
800.00	796.63	801.33	795.33	3.93	3.91	-143.41	-125.61	151.23	236.64	227.87	8.77	26.971	
900.00	894.44	897.17	892.10	4.16	4.11	-141.79	-141.05	141.28	252.81	243.63	9.18	27.527	
1,000.00	991.50	995.31	988.52	4.44	4.35	-140.82	-156.44	131.36	271.64	261.98	9.66	28.112	
1,100.00	1,088.37	1,093.35	1,084.83	4.76	4.61	-140.23	-171.81	121.46	291.15	280.96	10.18	28.593	
1,200.00	1,185.24	1,208.61	1,181.15	5.11	4.94	-139.71	-187.18	111.55	310.68	299.88	10.80	28.779	
1,300.00	1,282.11	1,289.42	1,277.47	5.49	5.18	-139.26	-202.55	101.64	330.23	318.89	11.34	29.113	
1,400.00	1,378.97	1,387.46	1,373.79	5.88	5.49	-138.85	-217.92	91.74	349.80	337.83	11.97	29.219	
1,500.00	1,475.84	1,485.50	1,470.10	6.29	5.81	-138.49	-233.30	81.83	369.38	356.76	12.63	29.256	
1,600.00	1,572.71	1,583.54	1,566.42	6.71	6.14	-138.16	-248.67	71.93	388.98	375.68	13.30	29.243	
1,700.00	1,669.57	1,681.58	1,662.74	7.14	6.47	-137.87	-264.04	62.02	408.59	394.59	14.00	29.193	
1,800.00	1,766.44	1,779.61	1,759.06	7.38	6.69	-137.60	-279.41	52.11	428.21	414.17	14.04	30.499	
1,900.00	1,863.31	1,877.65	1,855.37	7.46	6.77	-137.36	-294.78	42.21	447.84	433.67	14.17	31.606	
2,000.00	1,960.17	1,975.69	1,951.69	7.56	6.83	-137.13	-310.15	32.30	467.47	453.16	14.31	32.659	
2,100.00	2,057.04	2,073.73	2,048.01	7.70	6.92	-136.93	-325.52	22.40	487.11	472.60	14.51	33.581	
2,200.00	2,153.91	2,171.77	2,144.33	7.86	7.03	-136.74	-340.89	12.49	506.75	492.01	14.74	34.372	
2,300.00	2,250.78	2,269.80	2,240.64	8.05	7.17	-136.56	-356.26	2.59	526.40	511.38	15.03	35.035	
2,400.00	2,347.64	2,367.84	2,336.96	8.27	7.32	-136.40	-371.64	-7.32	546.06	530.71	15.35	35.578	
2,500.00	2,444.51	2,465.88	2,433.28	8.52	7.49	-136.25	-387.01	-17.23	565.72	550.01	15.71	36.010	
2,600.00	2,541.38	2,563.92	2,529.60	8.78	7.67	-136.11	-402.38	-27.13	585.38	569.27	16.11	36.341	
2,700.00	2,638.24	2,661.96	2,625.91	9.06	7.87	-135.98	-417.75	-37.04	605.05	588.51	16.54	36.582	
2,800.00	2,735.11	2,759.99	2,722.23	9.37	8.09	-135.85	-433.12	-46.94	624.71	607.71	17.00	36.743	
2,900.00	2,831.98	2,858.03	2,818.55	9.69	8.32	-135.74	-448.49	-56.85	644.39	626.89	17.49	36.837	
3,000.00	2,928.84	2,956.07	2,914.87	10.02	8.56	-135.63	-463.86	-66.75	664.06	646.05	18.01	36.872	
3,100.00	3,025.71	3,054.11	3,011.18	10.37	8.82	-135.52	-479.23	-76.66	683.73	665.18	18.55	36.858	
3,200.00	3,122.58	3,152.15	3,107.50	10.73	9.08	-135.43	-494.60	-86.57	703.41	684.30	19.11	36.803	
3,300.00	3,219.45	3,250.18	3,203.82	11.10	9.36	-135.33	-509.97	-96.47	723.09	703.40	19.70	36.714	
3,400.00	3,316.31	3,348.22	3,300.14	11.48	9.64	-135.25	-525.35	-106.38	742.77	722.48	20.30	36.597	
3,500.00	3,413.18	3,446.26	3,396.45	11.87	9.93	-135.16	-540.72	-116.28	762.46	741.54	20.91	36.459	
3,600.00	3,510.05	3,544.30	3,492.77	12.27	10.23	-135.08	-556.09	-126.19	782.14	760.59	21.55	36.302	
3,700.00	3,606.91	3,642.34	3,589.09	12.67	10.54	-135.01	-571.46	-136.10	801.83	779.63	22.19	36.133	
3,800.00	3,703.78	3,740.38	3,685.41	13.08	10.85	-134.94	-586.83	-146.00	821.51	798.66	22.85	35.953	
3,900.00	3,800.65	3,838.41	3,781.72	13.50	11.16	-134.87	-602.20	-155.91	841.20	817.68	23.52	35.766	
4,000.00	3,897.51	3,936.45	3,878.04	13.92	11.49	-134.81	-617.57	-165.81	860.89	836.69	24.20	35.573	
4,100.00	3,994.38	4,034.49	3,974.36	14.35	11.81	-134.74	-632.94	-175.72	880.58	855.69	24.89	35.378	
4,200.00	4,091.25	4,132.53	4,070.68	14.78	12.14	-134.69	-648.31	-185.62	900.27	874.68	25.59	35.180	
4,300.00	4,188.11	4,230.57	4,166.99	15.22	12.48	-134.63	-663.69	-195.53	919.96	893.66	26.30	34.983	
4,400.00	4,284.98	4,328.60	4,263.31	15.66	12.82	-134.57	-679.06	-205.44	939.66	912.64	27.01	34.786	
4,500.00	4,381.85	4,426.64	4,359.63	16.11	13.16	-134.52	-694.43	-215.34	959.35	931.61	27.73	34.590	
4,600.00	4,478.72	4,524.68	4,455.95	16.55	13.50	-134.47	-709.80	-225.25	979.04	950.58	28.46	34.397	
4,700.00	4,575.58	4,622.72	4,552.26	17.00	13.85	-134.43	-725.17	-235.15	998.74	969.54	29.20	34.207	
4,800.00	4,672.45	4,720.76	4,648.58	17.46	14.20	-134.38	-740.54	-245.06	1,018.43	988.50	29.94	34.019	
4,900.00	4,769.32	4,818.79	4,744.90	17.91	14.56	-134.33	-755.91	-254.97	1,038.13	1,007.45	30.68	33.835	
5,000.00	4,866.18	4,916.83	4,841.22	18.37	14.91	-134.29	-771.28	-264.87	1,057.83	1,026.39	31.43	33.655	
5,100.00	4,963.05	5,014.87	4,937.53	18.83	15.27	-134.25	-786.65	-274.78	1,077.52	1,045.34	32.19	33.478	
5,200.00	5,059.92	5,112.91	5,033.85	19.29	15.63	-134.21	-802.02	-284.68	1,097.22	1,064.28	32.94	33.306	
5,300.00	5,156.78	5,210.95	5,130.17	19.76	15.99	-134.17	-817.40	-294.59	1,116.92	1,083.21	33.71	33.137	
5,400.00	5,253.65	5,308.98	5,226.49	20.22	16.36	-134.14	-832.77	-304.49	1,136.62	1,102.15	34.47	32.973	
5,500.00	5,350.52	5,407.02	5,322.80	20.69	16.72	-134.10	-848.14	-314.40	1,156.32	1,121.08	35.24	32.812	
5,600.00	5,447.39	5,505.06	5,419.12	21.16	17.09	-134.07	-863.51	-324.31	1,176.02	1,140.00	36.01	32.656	
5,700.00	5,544.25	5,603.10	5,515.44	21.63	17.46	-134.03	-878.88	-334.21	1,195.72	1,158.93	36.79	32.503	
6,700.00	6,513.18	7,901.12	7,166.95	24.67	35.37	105.65	-1,144.15	-1,332.61	1,196.22	1,145.46	50.77	23.562	
6,800.00	6,596.96	7,844.15	7,167.18	24.87	34.17	108.22	-1,144.07	-1,277.88	1,150.87	1,099.62	51.25	22.457	
6,900.00	6,671.20	7,777.03	7,167.46	25.23	32.80	109.35	-1,143.98	-1,210.76	1,114.46	1,063.01	51.44	21.664	
7,000.00	6,734.09	7,700.84	7,167.78	25.80	31.33	109.54	-1,143.87	-1,132.89	1,086.69	1,035.25	51.43	21.128	
7,100.00	6,784.06	7,425.41	7,130.81	26.64	26.94	103.34	-1,137.42	-863.51	1,063.65	1,013.57	50.08	21.240	
7,200.00	6,819.89	7,157.56	6,992.21	27.74	24.17	94.61	-1,114.87	-637.74	1,029.90	980.09	49.81	20.675	
7,300.00	6,840.69	7,026.17	6,893.25	29.08	23.23	90.95	-1,098.92	-553.16	997.10	946.69	50.41	19.779	



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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
7,400.00	6,846.73	6,936.06	6,816.41	30.59	22.70	87.98	-1,086.58	-507.89	969.10	917.83	51.27	18.903		
7,500.00	6,849.06	6,877.30	6,763.22	32.30	22.40	84.67	-1,078.05	-484.48	947.61	895.23	52.39	18.089		
7,600.00	6,851.39	6,838.61	6,727.12	34.17	22.21	82.41	-1,072.28	-471.82	934.63	880.97	53.66	17.416		
7,683.62	6,853.33	6,815.28	6,705.01	35.87	22.11	81.02	-1,068.74	-465.26	931.13	876.37	54.77	17.002		
7,700.00	6,853.71	6,811.40	6,701.31	36.20	22.09	80.79	-1,068.15	-464.25	931.27	876.30	54.97	16.942		
7,800.00	6,856.04	6,791.27	6,682.03	38.34	22.01	79.58	-1,065.06	-459.38	938.02	881.83	56.19	16.693		
7,900.00	6,858.37	6,775.82	6,667.12	40.59	21.95	78.65	-1,062.68	-456.06	954.87	897.59	57.28	16.671 SF		
8,000.00	6,860.70	6,763.59	6,655.28	42.93	21.90	77.91	-1,060.79	-453.69	981.41	923.23	58.18	16.869		
8,100.00	6,863.03	6,750.00	6,642.06	45.34	21.84	77.08	-1,058.68	-451.33	1,016.96	958.10	58.86	17.277		
8,200.00	6,865.36	6,750.00	6,642.06	47.81	21.84	77.08	-1,058.68	-451.33	1,060.65	1,001.20	59.45	17.840		
8,300.00	6,867.69	6,738.61	6,630.95	50.34	21.80	76.39	-1,056.90	-449.58	1,111.54	1,051.74	59.80	18.589		
8,400.00	6,870.02	6,732.76	6,625.23	52.91	21.78	76.04	-1,055.99	-448.75	1,168.72	1,108.69	60.03	19.467		



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 (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	108.92	-61.57	179.59	189.85				
100.00	100.00	103.00	97.00	3.28	3.28	108.92	-61.57	179.59	189.85	182.33	7.53	25.221	
200.00	200.00	203.00	197.00	3.30	3.30	108.92	-61.57	179.59	189.85	182.28	7.57	25.081	CC, ES
200.32	200.32	202.68	197.32	3.30	3.30	108.92	-61.57	179.59	189.85	182.28	7.57	25.081	
300.00	300.00	298.13	298.13	3.34	3.34	-155.52	-61.88	179.33	190.11	182.46	7.65	24.852	
400.00	399.93	400.48	400.41	3.40	3.40	-154.95	-64.61	177.07	192.07	184.30	7.76	24.739	
500.00	499.68	502.66	502.34	3.49	3.48	-153.83	-70.13	172.48	196.00	188.07	7.93	24.728	
600.00	599.13	604.57	603.67	3.60	3.59	-152.21	-78.43	165.59	202.00	193.86	8.14	24.807	
700.00	698.15	706.09	704.17	3.74	3.74	-150.19	-89.44	156.45	210.20	201.78	8.42	24.962	
800.00	796.63	805.41	802.19	3.93	3.91	-148.29	-101.74	146.24	221.08	212.32	8.76	25.228	
900.00	894.44	904.32	899.81	4.16	4.12	-146.99	-114.00	136.06	235.06	225.90	9.16	25.648	
1,000.00	991.50	1,002.87	997.07	4.44	4.34	-146.27	-126.22	125.92	251.85	242.23	9.62	26.171	
1,100.00	1,088.37	1,101.31	1,094.22	4.76	4.59	-145.85	-138.42	115.79	269.34	259.22	10.12	26.620	
1,200.00	1,185.24	1,200.25	1,191.38	5.11	4.85	-145.48	-150.62	105.66	286.84	276.19	10.65	26.926	
1,300.00	1,282.11	1,301.81	1,288.53	5.49	5.13	-145.15	-162.82	95.53	304.36	293.13	11.23	27.105	
1,400.00	1,378.97	1,403.37	1,385.69	5.88	5.43	-144.86	-175.02	85.40	321.88	310.04	11.83	27.201	
1,500.00	1,475.84	1,504.93	1,482.84	6.29	5.74	-144.60	-187.22	75.27	339.40	326.94	12.46	27.236	
1,600.00	1,572.71	1,606.49	1,580.00	6.71	6.05	-144.36	-199.42	65.14	356.94	343.83	13.11	27.224	
1,700.00	1,669.57	1,708.05	1,677.15	7.14	6.37	-144.15	-211.62	55.02	374.48	360.71	13.77	27.203	
1,800.00	1,766.44	1,790.39	1,774.31	7.38	6.51	-143.96	-223.82	44.89	392.02	378.29	13.73	28.555	
1,900.00	1,863.31	1,888.83	1,871.46	7.46	6.56	-143.78	-236.02	34.76	409.57	395.74	13.83	29.620	
2,000.00	1,960.17	1,987.27	1,968.62	7.56	6.63	-143.61	-248.22	24.63	427.12	413.17	13.96	30.602	
2,100.00	2,057.04	2,085.71	2,065.77	7.70	6.71	-143.46	-260.43	14.50	444.68	430.55	14.13	31.467	
2,200.00	2,153.91	2,184.15	2,162.93	7.86	6.81	-143.33	-272.63	4.37	462.24	447.89	14.35	32.214	
2,300.00	2,250.78	2,282.60	2,260.08	8.05	6.92	-143.20	-284.83	-5.76	479.80	465.19	14.61	32.846	
2,400.00	2,347.64	2,381.04	2,357.24	8.27	7.06	-143.08	-297.03	-15.89	497.36	482.45	14.90	33.370	
2,500.00	2,444.51	2,479.48	2,454.39	8.52	7.22	-142.97	-309.23	-26.02	514.92	499.68	15.24	33.792	
2,600.00	2,541.38	2,577.92	2,551.55	8.78	7.38	-142.86	-321.43	-36.15	532.49	516.88	15.61	34.121	
2,700.00	2,638.24	2,676.36	2,648.70	9.06	7.57	-142.76	-333.63	-46.28	550.06	534.05	16.01	34.366	
2,800.00	2,735.11	2,774.80	2,745.86	9.37	7.77	-142.67	-345.83	-56.41	567.63	551.19	16.44	34.537	
2,900.00	2,831.98	2,873.24	2,843.01	9.69	7.98	-142.59	-358.03	-66.53	585.20	568.30	16.89	34.645	
3,000.00	2,928.84	2,971.68	2,940.17	10.02	8.20	-142.51	-370.23	-76.66	602.77	585.39	17.37	34.696	
3,100.00	3,025.71	3,070.12	3,037.32	10.37	8.43	-142.43	-382.43	-86.79	620.34	602.46	17.88	34.700	
3,200.00	3,122.58	3,168.56	3,134.48	10.73	8.67	-142.36	-394.63	-96.92	637.91	619.51	18.40	34.665	
3,300.00	3,219.45	3,267.00	3,231.63	11.10	8.93	-142.29	-406.84	-107.05	655.49	636.54	18.95	34.596	
3,400.00	3,316.31	3,365.44	3,328.79	11.48	9.19	-142.22	-419.04	-117.18	673.06	653.55	19.51	34.500	
3,500.00	3,413.18	3,463.88	3,425.94	11.87	9.45	-142.16	-431.24	-127.31	690.64	670.55	20.09	34.382	
3,600.00	3,510.05	3,562.32	3,523.10	12.27	9.73	-142.11	-443.44	-137.44	708.22	687.54	20.68	34.246	
3,700.00	3,606.91	3,660.76	3,620.25	12.67	10.01	-142.05	-455.64	-147.57	725.79	704.51	21.29	34.097	
3,800.00	3,703.78	3,759.20	3,717.41	13.08	10.30	-142.00	-467.84	-157.70	743.37	721.47	21.91	33.936	
3,900.00	3,800.65	3,857.65	3,814.56	13.50	10.59	-141.95	-480.04	-167.83	760.95	738.42	22.54	33.767	
4,000.00	3,897.51	3,956.09	3,911.72	13.92	10.89	-141.90	-492.24	-177.96	778.53	755.36	23.18	33.593	
4,100.00	3,994.38	4,054.53	4,008.87	14.35	11.19	-141.85	-504.44	-188.08	796.11	772.29	23.83	33.414	
4,200.00	4,091.25	4,152.97	4,106.03	14.78	11.50	-141.81	-516.64	-198.21	813.69	789.21	24.48	33.233	
4,300.00	4,188.11	4,251.41	4,203.18	15.22	11.81	-141.77	-528.84	-208.34	831.27	806.12	25.15	33.052	
4,400.00	4,284.98	4,349.85	4,300.34	15.66	12.12	-141.73	-541.04	-218.47	848.85	823.03	25.82	32.869	
4,500.00	4,381.85	4,448.29	4,397.49	16.11	12.44	-141.69	-553.25	-228.60	866.44	839.93	26.51	32.688	
4,600.00	4,478.72	4,546.73	4,494.65	16.55	12.76	-141.65	-565.45	-238.73	884.02	856.82	27.19	32.509	
4,700.00	4,575.58	4,645.17	4,591.80	17.00	13.08	-141.61	-577.65	-248.86	901.60	873.71	27.89	32.331	
4,800.00	4,672.45	4,743.61	4,688.96	17.46	13.41	-141.58	-589.85	-258.99	919.18	890.60	28.59	32.156	
4,900.00	4,769.32	4,842.05	4,786.11	17.91	13.74	-141.55	-602.05	-269.12	936.77	907.48	29.29	31.984	
5,000.00	4,866.18	4,940.49	4,883.27	18.37	14.07	-141.51	-614.25	-279.25	954.35	924.35	30.00	31.814	
5,100.00	4,963.05	5,038.93	4,980.42	18.83	14.40	-141.48	-626.45	-289.38	971.93	941.22	30.71	31.648	
5,200.00	5,059.92	5,137.37	5,077.58	19.29	14.73	-141.45	-638.65	-299.51	989.52	958.09	31.43	31.486	
5,300.00	5,156.78	5,235.81	5,174.73	19.76	15.07	-141.43	-650.85	-309.63	1,007.10	974.95	32.15	31.327	
5,400.00	5,253.65	5,334.25	5,271.89	20.22	15.41	-141.40	-663.05	-319.76	1,024.68	991.81	32.87	31.172	
5,500.00	5,350.52	5,432.70	5,369.04	20.69	15.75	-141.37	-675.25	-329.89	1,042.27	1,008.67	33.60	31.020	
5,600.00	5,447.39	5,531.14	5,466.20	21.16	16.09	-141.34	-687.45	-340.02	1,059.85	1,025.52	34.33	30.872	
5,700.00	5,544.25	5,629.58	5,563.35	21.63	16.43	-141.32	-699.66	-350.15	1,077.44	1,042.37	35.06	30.728	
5,800.00	5,641.12	5,728.02	5,660.51	22.10	16.78	-141.30	-711.86	-360.28	1,095.02	1,059.22	35.80	30.587	
5,900.00	5,737.99	5,826.46	5,757.66	22.58	17.12	-141.27	-724.06	-370.41	1,112.61	1,076.07	36.54	30.450	
6,000.00	5,834.85	5,924.90	5,854.82	23.05	17.47	-141.25	-736.26	-380.54	1,130.19	1,092.91	37.28	30.316	
6,100.00	5,931.72	6,023.34	5,951.97	23.53	17.82	-141.23	-748.46	-390.67	1,147.78	1,109.76	38.02	30.186	
6,200.00	6,028.59	6,121.78	6,049.13	24.00	18.17	-141.21	-760.66	-400.80	1,165.37	1,126.60	38.77	30.058	
6,300.00	6,126.39	6,220.69	6,146.75	24.31	18.52	-136.78	-772.92	-410.98	1,179.25	1,139.83	39.42	29.917	
6,400.00	6,226.12	7,823.58	7,046.50	24.44	36.10	49.44	-890.80	-1,408.23	1,115.73	1,070.92	44.81	24.899	



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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
6,500.00	6,325.45	7,812.73	7,046.55	24.51	35.85	93.22	-890.74	-1,397.37	1,042.92	996.29	46.63	22.366					
6,600.00	6,421.92	7,786.47	7,046.67	24.57	35.24	102.45	-890.62	-1,371.12	976.71	928.47	48.24	20.245					
6,700.00	6,513.18	7,745.47	7,046.86	24.67	34.30	107.09	-890.42	-1,330.11	919.05	869.48	49.57	18.541					
6,800.00	6,596.96	7,709.29	7,047.11	24.87	33.48	109.18	-890.15	-1,275.36	871.18	820.30	50.87	17.124					
6,900.00	6,671.20	7,623.56	7,047.42	25.23	31.63	109.60	-889.83	-1,208.21	833.49	782.42	51.07	16.319					
7,000.00	6,734.09	7,545.67	7,047.78	25.80	30.04	108.97	-889.45	-1,130.32	805.53	754.23	51.30	15.701					
7,100.00	6,784.06	7,100.00	7,039.46	26.64	22.87	105.23	-887.58	-976.12	784.99	739.23	45.76	17.153					
7,200.00	6,819.89	7,245.38	7,000.42	27.74	24.90	101.00	-881.94	-836.35	763.41	712.57	50.84	15.015					
7,300.00	6,840.69	7,115.26	6,939.44	29.08	23.32	96.59	-873.70	-721.95	742.61	691.44	51.17	14.512					
7,400.00	6,846.73	7,008.30	6,872.87	30.59	22.29	92.12	-864.93	-638.85	724.95	673.20	51.74	14.010					
7,500.00	6,849.06	6,926.17	6,812.91	32.30	21.63	87.19	-857.13	-583.36	711.90	659.35	52.55	13.547					
7,600.00	6,851.39	6,864.62	6,763.60	34.17	21.21	83.10	-850.77	-547.13	706.61	653.19	53.42	13.226					
7,605.37	6,851.51	6,861.77	6,761.23	34.28	21.19	82.90	-850.47	-545.57	706.60	653.12	53.47	13.214					
7,700.00	6,853.71	6,817.59	6,723.70	36.20	20.92	79.80	-845.65	-522.77	711.36	657.15	54.21	13.122 SF					
7,800.00	6,856.04	6,780.84	6,691.35	38.34	20.71	77.14	-841.52	-505.85	727.22	672.42	54.80	13.270					
7,900.00	6,858.37	6,750.00	6,663.49	40.59	20.54	74.87	-837.96	-493.11	754.29	699.14	55.15	13.678					
8,000.00	6,860.70	6,727.69	6,642.97	42.93	20.43	73.22	-835.35	-484.76	791.87	736.58	55.29	14.321					
8,100.00	6,863.03	6,707.97	6,624.60	45.34	20.33	71.75	-833.02	-477.98	838.87	783.62	55.25	15.184					
8,200.00	6,865.36	6,700.00	6,617.12	47.81	20.29	71.16	-832.07	-475.41	894.07	838.95	55.12	16.221					
8,300.00	6,867.69	6,677.36	6,595.70	50.34	20.19	69.48	-829.36	-468.61	955.98	901.17	54.80	17.444					
8,400.00	6,870.02	6,665.27	6,584.16	52.91	20.14	68.59	-827.90	-465.29	1,023.66	969.17	54.49	18.787					
8,500.00	6,872.34	6,650.00	6,569.51	55.52	20.07	67.46	-826.04	-461.42	1,096.06	1,041.94	54.12	20.251					
8,600.00	6,874.67	6,650.00	6,569.51	58.16	20.07	67.46	-826.04	-461.42	1,172.32	1,118.50	53.82	21.781					



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	1.00	-1.00	3.28	3.28	-179.60	-80.15	-0.56	80.16				
100.00	100.00	101.00	99.00	3.28	3.28	-179.60	-80.15	-0.56	80.16	72.63	7.53	10.649	
200.00	200.00	201.00	199.00	3.30	3.30	-179.60	-80.15	-0.56	80.16	72.59	7.57	10.590	
255.99	255.99	254.99	254.99	3.32	3.32	-84.30	-80.15	-0.56	80.13	72.52	7.61	10.529	CC, ES
300.00	300.00	298.24	298.24	3.34	3.34	-84.16	-80.38	-0.89	80.34	72.69	7.65	10.502	
400.00	399.93	396.68	396.61	3.40	3.40	-84.58	-82.24	-3.68	81.89	74.13	7.76	10.550	
500.00	499.68	495.05	494.76	3.49	3.48	-85.35	-85.97	-9.27	85.03	77.11	7.92	10.734	
600.00	599.13	593.33	592.51	3.60	3.58	-86.39	-91.56	-17.65	89.76	81.63	8.13	11.038	
700.00	698.15	691.47	689.73	3.74	3.72	-87.60	-98.99	-28.80	96.10	87.70	8.40	11.437	
800.00	796.63	789.44	786.25	3.93	3.90	-88.89	-108.25	-42.69	104.08	95.33	8.75	11.897	
900.00	894.44	887.19	881.95	4.16	4.12	-90.17	-119.31	-59.27	113.70	104.52	9.18	12.385	
1,000.00	991.50	984.70	976.67	4.44	4.38	-91.39	-132.14	-78.51	124.95	115.24	9.71	12.870	
1,100.00	1,088.37	1,082.40	1,070.76	4.76	4.71	-91.64	-146.74	-100.39	137.69	127.37	10.32	13.341	
1,200.00	1,185.24	1,181.53	1,165.95	5.11	5.08	-91.51	-162.08	-123.40	150.87	139.86	11.01	13.703	
1,300.00	1,282.11	1,280.66	1,261.15	5.49	5.48	-91.40	-177.42	-146.41	164.05	152.31	11.75	13.964	
1,400.00	1,378.97	1,379.78	1,356.34	5.88	5.90	-91.31	-192.77	-169.42	177.24	164.71	12.53	14.149	
1,500.00	1,475.84	1,478.91	1,451.53	6.29	6.34	-91.23	-208.11	-192.42	190.42	177.08	13.34	14.279	
1,600.00	1,572.71	1,578.04	1,546.72	6.71	6.79	-91.15	-223.46	-215.43	203.60	189.43	14.17	14.365	
1,700.00	1,669.57	1,677.17	1,641.91	7.14	7.26	-91.09	-238.80	-238.44	216.78	201.75	15.03	14.422	
1,800.00	1,766.44	1,776.29	1,737.10	7.38	7.57	-91.04	-254.15	-261.45	229.96	214.61	15.35	14.980	
1,900.00	1,863.31	1,875.42	1,832.29	7.46	7.70	-90.99	-269.49	-284.46	243.14	227.78	15.36	15.826	
2,000.00	1,960.17	1,974.55	1,927.48	7.56	7.81	-90.95	-284.84	-307.47	256.33	240.76	15.56	16.469	
2,100.00	2,057.04	2,073.67	2,022.68	7.70	7.95	-90.91	-300.18	-330.47	269.51	253.68	15.83	17.027	
2,200.00	2,153.91	2,172.80	2,117.87	7.86	8.13	-90.87	-315.53	-353.48	282.69	266.54	16.15	17.501	
2,300.00	2,250.78	2,271.93	2,213.06	8.05	8.34	-90.84	-330.87	-376.49	295.88	279.34	16.53	17.895	
2,400.00	2,347.64	2,371.06	2,308.25	8.27	8.58	-90.81	-346.21	-399.50	309.06	292.09	16.97	18.215	
2,500.00	2,444.51	2,470.18	2,403.44	8.52	8.85	-90.78	-361.56	-422.51	322.24	304.79	17.45	18.467	
2,600.00	2,541.38	2,569.31	2,498.63	8.78	9.14	-90.76	-376.90	-445.51	335.42	317.45	17.98	18.659	
2,700.00	2,638.24	2,668.44	2,593.82	9.06	9.45	-90.73	-392.25	-468.52	348.61	330.06	18.54	18.800	
2,800.00	2,735.11	2,767.56	2,689.01	9.37	9.78	-90.71	-407.59	-491.53	361.79	342.64	19.15	18.895	
2,900.00	2,831.98	2,866.69	2,784.20	9.69	10.13	-90.69	-422.94	-514.54	374.97	355.19	19.78	18.953	
3,000.00	2,928.84	2,965.82	2,879.40	10.02	10.50	-90.67	-438.28	-537.55	388.16	367.70	20.45	18.979	
3,100.00	3,025.71	3,064.95	2,974.59	10.37	10.88	-90.65	-453.63	-560.56	401.34	380.19	21.15	18.979	
3,200.00	3,122.58	3,164.07	3,069.78	10.73	11.28	-90.64	-468.97	-583.56	414.52	392.66	21.87	18.957	
3,300.00	3,219.45	3,263.20	3,164.97	11.10	11.68	-90.62	-484.32	-606.57	427.71	405.10	22.61	18.919	
3,400.00	3,316.31	3,362.33	3,260.16	11.48	12.10	-90.61	-499.66	-629.58	440.89	417.52	23.37	18.866	
3,500.00	3,413.18	3,461.45	3,355.35	11.87	12.53	-90.59	-515.00	-652.59	454.07	429.92	24.15	18.803	
3,600.00	3,510.05	3,560.58	3,450.54	12.27	12.96	-90.58	-530.35	-675.60	467.26	442.31	24.94	18.732	
3,700.00	3,606.91	3,659.71	3,545.73	12.67	13.40	-90.57	-545.69	-698.60	480.44	454.69	25.75	18.654	
3,800.00	3,703.78	3,758.84	3,640.92	13.08	13.85	-90.56	-561.04	-721.61	493.62	467.04	26.58	18.572	
3,900.00	3,800.65	3,857.96	3,736.12	13.50	14.31	-90.55	-576.38	-744.62	506.81	479.39	27.41	18.487	
4,000.00	3,897.51	3,957.09	3,831.31	13.92	14.77	-90.54	-591.73	-767.63	519.99	491.73	28.26	18.399	
4,100.00	3,994.38	4,056.22	3,926.50	14.35	15.24	-90.53	-607.07	-790.64	533.17	504.06	29.12	18.310	
4,200.00	4,091.25	4,155.34	4,021.69	14.78	15.71	-90.52	-622.42	-813.65	546.36	516.37	29.98	18.221	
4,300.00	4,188.11	4,254.47	4,116.88	15.22	16.18	-90.51	-637.76	-836.65	559.54	528.68	30.86	18.132	
4,400.00	4,284.98	4,353.60	4,212.07	15.66	16.67	-90.50	-653.11	-859.66	572.72	540.98	31.74	18.043	
4,500.00	4,381.85	4,452.73	4,307.26	16.11	17.15	-90.49	-668.45	-882.67	585.91	553.28	32.63	17.955	
4,600.00	4,478.72	4,551.85	4,402.45	16.55	17.64	-90.48	-683.79	-905.68	599.09	565.56	33.53	17.869	
4,700.00	4,575.58	4,650.98	4,497.65	17.00	18.13	-90.48	-699.14	-928.69	612.27	577.85	34.43	17.784	
4,800.00	4,672.45	4,750.11	4,592.84	17.46	18.62	-90.47	-714.48	-951.69	625.46	590.12	35.34	17.700	
4,900.00	4,769.32	4,849.23	4,688.03	17.91	19.11	-90.46	-729.83	-974.70	638.64	602.39	36.25	17.618	
5,000.00	4,866.18	4,948.36	4,783.22	18.37	19.61	-90.46	-745.17	-997.71	651.83	614.66	37.17	17.538	
5,100.00	4,963.05	5,047.49	4,878.41	18.83	20.11	-90.45	-760.52	-1,020.72	665.01	626.92	38.09	17.460	
5,200.00	5,059.92	5,146.61	4,973.60	19.29	20.62	-90.44	-775.86	-1,043.73	678.19	639.18	39.01	17.384	
5,300.00	5,156.78	5,245.74	5,068.79	19.76	21.12	-90.44	-791.21	-1,066.74	691.38	651.43	39.94	17.309	
5,400.00	5,253.65	5,344.87	5,163.98	20.22	21.63	-90.43	-806.55	-1,089.74	704.56	663.68	40.88	17.237	
5,500.00	5,350.52	5,444.00	5,259.17	20.69	22.13	-90.43	-821.90	-1,112.75	717.74	675.93	41.81	17.166	
5,600.00	5,447.39	5,543.12	5,354.37	21.16	22.64	-90.42	-837.24	-1,135.76	730.93	688.18	42.75	17.098	
5,700.00	5,544.25	5,642.25	5,449.56	21.63	23.15	-90.42	-852.58	-1,158.77	744.11	700.42	43.69	17.031	
5,800.00	5,641.12	5,741.38	5,544.75	22.10	23.66	-90.41	-867.93	-1,181.78	757.29	712.66	44.64	16.966	
5,900.00	5,737.99	5,840.50	5,639.94	22.58	24.18	-90.41	-883.27	-1,204.78	770.48	724.89	45.58	16.902	
6,000.00	5,834.85	5,939.63	5,735.13	23.05	24.69	-90.40	-898.62	-1,227.79	783.66	737.13	46.53	16.841	
6,100.00	5,931.72	6,038.76	5,830.32	23.53	25.21	-90.40	-913.96	-1,250.80	796.85	749.36	47.49	16.781	
6,200.00	6,028.59	6,137.89	5,925.51	24.00	25.73	-90.39	-929.31	-1,273.81	810.03	761.59	48.44	16.723	
6,300.00	6,126.39	6,236.90	6,020.59	24.31	26.24	-86.17	-944.63	-1,296.79	822.75	773.56	49.19	16.726	
6,400.00	6,226.12	6,334.25	6,114.08	24.44	26.75	41.43	-959.70	-1,319.39	834.03	784.41	49.62	16.809	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,500.00	6,325.45	6,427.58	6,203.70	24.51	27.24	77.77	-974.15	-1,341.05	844.57	794.77	49.80	16.959	
6,600.00	6,421.92	6,514.57	6,287.24	24.57	27.70	82.93	-987.62	-1,361.24	855.84	806.09	49.74	17.205	
6,700.00	6,513.18	6,593.08	6,362.63	24.67	28.11	86.08	-999.77	-1,379.46	869.73	820.27	49.46	17.585	
6,800.00	6,596.96	6,664.49	6,431.26	24.87	28.44	88.39	-1,010.83	-1,395.81	888.26	839.28	48.98	18.135	
6,900.00	6,671.20	6,749.34	6,514.14	25.23	28.63	90.76	-1,024.19	-1,407.69	912.04	863.52	48.52	18.799	
7,000.00	6,734.09	6,849.29	6,612.72	25.80	28.77	93.22	-1,040.07	-1,407.22	940.41	892.16	48.26	19.488	
7,100.00	6,784.06	6,976.70	6,736.19	26.64	28.86	96.28	-1,059.95	-1,384.05	972.21	923.90	48.31	20.123	
7,200.00	6,819.89	7,158.68	6,899.24	27.74	28.96	100.73	-1,086.19	-1,309.08	1,004.83	955.88	48.95	20.527	
7,300.00	6,840.69	7,450.31	7,098.47	29.08	29.61	106.63	-1,118.20	-1,102.07	1,031.98	980.24	51.74	19.945	
7,400.00	6,846.73	7,805.76	7,189.34	30.59	32.48	109.28	-1,132.70	-763.42	1,041.10	981.99	59.10	17.615	
7,500.00	6,849.06	7,905.76	7,191.05	32.30	33.81	109.24	-1,132.94	-663.44	1,041.43	979.22	62.21	16.740	
7,600.00	6,851.39	8,005.76	7,192.76	34.17	35.36	109.20	-1,133.17	-563.45	1,041.76	976.10	65.66	15.865	
7,700.00	6,853.71	8,105.75	7,194.46	36.20	37.12	109.15	-1,133.41	-463.47	1,042.09	972.68	69.40	15.015	
7,800.00	6,856.04	8,205.75	7,196.17	38.34	39.05	109.11	-1,133.64	-363.49	1,042.42	969.03	73.39	14.203	
7,900.00	6,858.37	8,305.74	7,197.87	40.59	41.12	109.07	-1,133.88	-263.51	1,042.75	965.16	77.59	13.439	
8,000.00	6,860.70	8,405.74	7,199.58	42.93	43.31	109.03	-1,134.11	-163.53	1,043.09	961.12	81.97	12.725	
8,100.00	6,863.03	8,505.74	7,201.29	45.34	45.60	108.98	-1,134.35	-63.55	1,043.42	956.92	86.50	12.063	
8,200.00	6,865.36	8,605.73	7,202.99	47.81	47.97	108.94	-1,134.58	36.44	1,043.75	952.60	91.15	11.450	
8,300.00	6,867.69	8,705.73	7,204.70	50.34	50.41	108.90	-1,134.81	136.42	1,044.09	948.17	95.92	10.885	
8,400.00	6,870.02	8,805.73	7,206.40	52.91	52.91	108.86	-1,135.05	236.40	1,044.42	943.64	100.78	10.363	
8,500.00	6,872.34	8,905.72	7,208.11	55.52	55.46	108.81	-1,135.28	336.38	1,044.76	939.03	105.73	9.882	
8,600.00	6,874.67	9,005.72	7,209.82	58.16	58.05	108.77	-1,135.52	436.36	1,045.10	934.35	110.74	9.437	
8,700.00	6,877.00	9,105.72	7,211.52	60.83	60.68	108.73	-1,135.75	536.34	1,045.43	929.61	115.82	9.026	
8,800.00	6,879.33	9,205.71	7,213.23	63.53	63.33	108.69	-1,135.99	636.33	1,045.77	924.82	120.95	8.646	
8,900.00	6,881.66	9,305.71	7,214.93	66.25	66.02	108.65	-1,136.22	736.31	1,046.11	919.97	126.14	8.294	
9,000.00	6,883.99	9,405.71	7,216.64	68.99	68.73	108.60	-1,136.46	836.29	1,046.45	915.09	131.36	7.966	
9,100.00	6,886.32	9,505.70	7,218.35	71.75	71.46	108.56	-1,136.69	936.27	1,046.79	910.17	136.62	7.662	
9,200.00	6,888.65	9,605.70	7,220.05	74.52	74.21	108.52	-1,136.93	1,036.25	1,047.13	905.21	141.92	7.378	
9,300.00	6,890.98	9,705.69	7,221.76	77.31	76.97	108.48	-1,137.16	1,136.23	1,047.47	900.22	147.25	7.114	
9,400.00	6,893.30	9,805.69	7,223.46	80.11	79.75	108.43	-1,137.39	1,236.22	1,047.81	895.20	152.61	6.866	
9,500.00	6,895.63	9,905.69	7,225.17	82.92	82.54	108.39	-1,137.63	1,336.20	1,048.15	890.16	157.99	6.634	
9,600.00	6,897.96	10,005.68	7,226.88	85.75	85.35	108.35	-1,137.86	1,436.18	1,048.49	885.10	163.39	6.417	
9,700.00	6,900.29	10,105.68	7,228.58	88.58	88.16	108.31	-1,138.10	1,536.16	1,048.84	880.02	168.82	6.213	
9,800.00	6,902.62	10,205.68	7,230.29	91.42	90.99	108.27	-1,138.33	1,636.14	1,049.18	874.91	174.26	6.021	
9,900.00	6,904.95	10,305.67	7,232.00	94.26	93.82	108.22	-1,138.57	1,736.12	1,049.52	869.80	179.73	5.840	
10,000.00	6,907.28	10,405.67	7,233.70	97.12	96.66	108.18	-1,138.80	1,836.10	1,049.87	864.66	185.21	5.669	
10,100.00	6,909.61	10,505.67	7,235.41	99.98	99.51	108.14	-1,139.04	1,936.09	1,050.21	859.51	190.70	5.507	
10,200.00	6,911.93	10,605.66	7,237.11	102.84	102.37	108.10	-1,139.27	2,036.07	1,050.56	854.35	196.21	5.354	
10,300.00	6,914.26	10,705.66	7,238.82	105.71	105.23	108.06	-1,139.51	2,136.05	1,050.90	849.17	201.73	5.209	
10,400.00	6,916.59	10,805.66	7,240.53	108.59	108.10	108.01	-1,139.74	2,236.03	1,051.25	843.98	207.27	5.072	
10,500.00	6,918.92	10,905.65	7,242.23	111.47	110.97	107.97	-1,139.97	2,336.01	1,050.22	837.43	212.79	4.936	
10,600.00	6,921.25	11,005.64	7,243.94	114.36	113.84	107.96	-1,140.21	2,435.98	1,048.65	830.34	218.31	4.803	
10,700.00	6,923.58	11,105.62	7,245.64	117.25	116.72	107.96	-1,140.44	2,535.95	1,047.08	823.24	223.84	4.678	
10,800.00	6,925.91	11,205.61	7,247.35	120.15	119.61	107.95	-1,140.68	2,635.93	1,045.51	816.13	229.38	4.558	
10,900.00	6,928.23	11,305.60	7,249.05	123.05	122.50	107.94	-1,140.91	2,735.90	1,043.94	809.01	234.93	4.444	
11,000.00	6,930.56	11,405.59	7,250.76	125.95	125.39	107.93	-1,141.15	2,835.87	1,042.36	801.88	240.48	4.334	
11,100.00	6,932.89	11,505.57	7,252.47	128.86	128.29	107.92	-1,141.38	2,935.84	1,040.79	794.75	246.04	4.230	
11,200.00	6,935.22	11,605.56	7,254.17	131.77	131.18	107.92	-1,141.62	3,035.82	1,039.22	787.62	251.61	4.130	
11,300.00	6,937.55	11,705.55	7,255.88	134.68	134.09	107.91	-1,141.85	3,135.79	1,037.65	780.47	257.18	4.035	
11,400.00	6,939.88	11,805.54	7,257.58	137.59	136.99	107.90	-1,142.08	3,235.76	1,036.08	773.32	262.75	3.943	
11,500.00	6,942.21	11,905.52	7,259.29	140.51	139.90	107.89	-1,142.32	3,335.74	1,034.51	766.17	268.34	3.855	
11,600.00	6,944.53	12,005.51	7,261.00	143.43	142.80	107.88	-1,142.55	3,435.71	1,032.93	759.01	273.92	3.771	
11,700.00	6,946.86	12,105.50	7,262.70	146.35	145.72	107.88	-1,142.79	3,535.68	1,031.36	751.85	279.51	3.690	
11,800.00	6,949.19	12,205.49	7,264.41	149.27	148.63	107.87	-1,143.02	3,635.65	1,029.79	744.68	285.11	3.612	
11,900.00	6,951.52	12,305.47	7,266.11	152.19	151.54	107.86	-1,143.26	3,735.63	1,028.22	737.51	290.71	3.537	
12,000.00	6,953.85	12,405.46	7,267.82	155.12	154.46	107.85	-1,143.49	3,835.60	1,026.65	730.34	296.31	3.465	
12,100.00	6,956.18	12,505.45	7,269.53	158.04	157.38	107.84	-1,143.73	3,935.57	1,025.08	723.16	301.92	3.395	
12,200.00	6,958.51	12,605.44	7,271.23	160.97	160.30	107.83	-1,143.96	4,035.54	1,023.51	715.98	307.53	3.328	
12,300.00	6,960.83	12,705.42	7,272.94	163.90	163.22	107.83	-1,144.20	4,135.52	1,021.93	708.79	313.14	3.263	
12,400.00	6,963.16	12,805.41	7,274.64	166.83	166.14	107.82	-1,144.43	4,235.49	1,020.36	701.61	318.76	3.201	
12,500.00	6,965.49	12,905.40	7,276.35	169.76	169.07	107.81	-1,144.66	4,335.46	1,018.79	694.41	324.38	3.141	
12,600.00	6,967.82	13,005.39	7,278.06	172.70	172.00	107.80	-1,144.90	4,435.44	1,017.22	687.22	330.00	3.082	
12,700.00	6,970.15	13,105.37	7,279.76	175.63	174.92	107.79	-1,145.13	4,535.41	1,015.65	680.02	335.63	3.026	
12,800.00	6,972.48	13,205.36	7,281.47										



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40C-8-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	6,979.46	13,505.32	7,286.58	187.38	186.64	107.76	-1,146.07	4,935.30	1,009.36	651.21	358.15	2.818	
13,200.00	6,981.79	13,605.31	7,288.29	190.32	189.58	107.75	-1,146.31	5,035.27	1,007.79	644.00	363.79	2.770	
13,300.00	6,984.12	13,705.30	7,290.00	193.26	192.51	107.74	-1,146.54	5,135.24	1,006.22	636.79	369.43	2.724	
13,400.00	6,986.45	13,805.29	7,291.70	196.20	195.44	107.73	-1,146.77	5,235.22	1,004.65	629.58	375.07	2.679	
13,500.00	6,988.78	13,905.27	7,293.41	199.14	198.38	107.72	-1,147.01	5,335.19	1,003.08	622.36	380.72	2.635	
13,600.00	6,991.11	14,005.26	7,295.11	202.09	201.32	107.72	-1,147.24	5,435.16	1,001.51	615.14	386.37	2.592	
13,700.00	6,993.43	14,105.25	7,296.82	205.03	204.25	107.71	-1,147.48	5,535.14	999.94	607.92	392.01	2.551	
13,800.00	6,995.76	14,205.24	7,298.53	207.97	207.19	107.70	-1,147.71	5,635.11	998.37	600.70	397.66	2.511	
13,900.00	6,998.09	14,305.22	7,300.23	210.92	210.13	107.69	-1,147.95	5,735.08	996.79	593.48	403.32	2.471	
14,000.00	7,000.42	14,405.21	7,301.94	213.86	213.07	107.68	-1,148.18	5,835.05	995.22	586.25	408.97	2.433	
14,100.00	7,002.75	14,505.20	7,303.64	216.81	216.01	107.67	-1,148.42	5,935.03	993.65	579.03	414.63	2.397	
14,200.00	7,005.08	14,605.19	7,305.35	219.75	218.95	107.66	-1,148.65	6,035.00	992.08	571.80	420.28	2.361	
14,300.00	7,007.41	14,705.17	7,307.06	222.70	221.89	107.65	-1,148.88	6,134.97	990.51	564.57	425.94	2.325	
14,400.00	7,009.73	14,805.16	7,308.76	225.65	224.83	107.65	-1,149.12	6,234.94	988.94	557.34	431.60	2.291	
14,500.00	7,012.06	14,905.15	7,310.47	228.60	227.77	107.64	-1,149.35	6,334.92	987.37	550.10	437.27	2.258	
14,600.00	7,014.39	15,005.14	7,312.17	231.55	230.71	107.63	-1,149.59	6,434.89	985.80	542.87	442.93	2.226	
14,700.00	7,016.72	15,105.12	7,313.88	234.49	233.66	107.62	-1,149.82	6,534.86	984.23	535.63	448.60	2.194	
14,800.00	7,019.05	15,205.11	7,315.59	237.44	236.60	107.61	-1,150.06	6,634.84	982.66	528.39	454.26	2.163	
14,900.00	7,021.38	15,305.10	7,317.29	240.39	239.55	107.60	-1,150.29	6,734.81	981.08	521.15	459.93	2.133	
15,000.00	7,023.71	15,405.09	7,319.00	243.34	242.49	107.59	-1,150.53	6,834.78	979.51	513.91	465.60	2.104	
15,100.00	7,026.04	15,505.08	7,320.70	246.30	245.44	107.58	-1,150.76	6,934.75	977.94	506.67	471.27	2.075	
15,200.00	7,028.36	15,605.06	7,322.41	249.25	248.38	107.57	-1,151.00	7,034.73	976.37	499.43	476.94	2.047	
15,300.00	7,030.69	15,705.05	7,324.11	252.20	251.33	107.56	-1,151.23	7,134.70	974.80	492.18	482.62	2.020	
15,400.00	7,033.02	15,805.04	7,325.82	255.15	254.27	107.56	-1,151.46	7,234.67	973.23	484.94	488.29	1.993	
15,500.00	7,035.35	15,905.03	7,327.53	258.10	257.22	107.55	-1,151.70	7,334.64	971.66	477.69	493.97	1.967	
15,600.00	7,037.68	16,005.01	7,329.23	261.05	260.17	107.54	-1,151.93	7,434.62	970.09	470.44	499.65	1.942	
15,700.00	7,040.01	16,105.00	7,330.94	264.01	263.11	107.53	-1,152.17	7,534.59	968.52	463.19	505.33	1.917	
15,800.00	7,042.34	16,204.99	7,332.64	266.96	266.06	107.52	-1,152.40	7,634.56	966.95	455.94	511.01	1.892	
15,900.00	7,044.66	16,304.98	7,334.35	269.91	269.01	107.51	-1,152.64	7,734.54	965.38	448.69	516.69	1.868	
16,000.00	7,046.99	16,404.96	7,336.06	272.87	271.96	107.50	-1,152.87	7,834.51	963.81	441.44	522.37	1.845	
16,100.00	7,049.32	16,504.95	7,337.76	275.82	274.91	107.49	-1,153.11	7,934.48	962.24	434.18	528.05	1.822	
16,200.00	7,051.65	16,604.94	7,339.47	278.78	277.86	107.48	-1,153.34	8,034.45	960.67	426.93	533.74	1.800	
16,300.00	7,053.98	16,704.93	7,341.17	281.73	280.81	107.47	-1,153.57	8,134.43	959.10	419.67	539.42	1.778	
16,400.00	7,056.31	16,804.91	7,342.88	284.69	283.76	107.46	-1,153.81	8,234.40	957.53	412.41	545.11	1.757	
16,500.00	7,058.64	16,904.90	7,344.59	287.64	286.71	107.45	-1,154.04	8,334.37	955.95	405.16	550.80	1.736	
16,600.00	7,060.96	17,004.89	7,346.29	290.60	289.66	107.44	-1,154.28	8,434.34	954.38	397.90	556.49	1.715	
16,700.00	7,063.29	17,104.88	7,348.00	293.55	292.61	107.43	-1,154.51	8,534.32	952.81	390.63	562.18	1.695	
16,800.00	7,065.62	17,204.86	7,349.70	296.51	295.56	107.42	-1,154.75	8,634.29	951.24	383.37	567.87	1.675	
16,900.00	7,067.95	17,304.85	7,351.41	299.46	298.51	107.41	-1,154.98	8,734.26	949.67	376.11	573.56	1.656	
17,000.00	7,070.28	17,404.84	7,353.11	302.42	301.46	107.41	-1,155.22	8,834.24	948.10	368.85	579.26	1.637	
17,100.00	7,072.61	17,504.83	7,354.82	305.38	304.41	107.40	-1,155.45	8,934.21	946.53	361.58	584.95	1.618	
17,200.00	7,074.94	17,604.81	7,356.53	308.33	307.36	107.39	-1,155.69	9,034.18	944.96	354.32	590.65	1.600	
17,300.00	7,077.26	17,704.80	7,358.23	311.29	310.31	107.38	-1,155.92	9,134.15	943.39	347.05	596.34	1.582	
17,331.95	7,078.01	17,736.75	7,358.78	312.23	311.26	107.37	-1,155.99	9,166.09	942.89	344.74	598.15	1.576 SF	



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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	3.28	3.28	-179.73	-60.11	-0.28	60.11					
100.00	100.00	101.00	99.00	3.28	3.28	-179.73	-60.11	-0.28	60.11	52.58	7.53	7.985		
200.00	200.00	201.00	199.00	3.30	3.30	-179.73	-60.11	-0.28	60.11	52.54	7.57	7.941		
255.41	255.41	254.41	254.41	3.32	3.32	-84.49	-60.11	-0.28	60.08	52.47	7.61	7.895	CC, ES	
300.00	300.00	298.51	298.51	3.34	3.34	-84.30	-60.30	-0.64	60.26	52.61	7.65	7.877		
400.00	399.93	397.51	397.44	3.40	3.40	-84.70	-61.91	-3.62	61.55	53.78	7.76	7.927		
500.00	499.68	496.46	496.16	3.49	3.48	-85.43	-65.13	-9.61	64.15	56.22	7.92	8.094		
600.00	599.13	595.35	594.51	3.60	3.59	-86.41	-69.96	-18.58	68.06	59.93	8.14	8.363		
700.00	698.15	694.15	692.37	3.74	3.73	-87.52	-76.40	-30.53	73.31	64.90	8.42	8.712		
800.00	796.63	792.83	789.59	3.93	3.91	-88.70	-84.41	-45.42	79.90	71.14	8.77	9.114		
900.00	894.44	891.37	886.03	4.16	4.13	-89.85	-94.00	-63.23	87.83	78.63	9.21	9.539		
1,000.00	991.50	989.75	981.56	4.44	4.40	-90.90	-105.13	-83.91	97.10	87.35	9.75	9.960		
1,100.00	1,088.37	1,088.54	1,076.72	4.76	4.73	-90.79	-117.70	-107.25	107.50	97.12	10.38	10.361		
1,200.00	1,185.24	1,187.98	1,172.38	5.11	5.10	-90.48	-130.58	-131.16	118.07	107.00	11.07	10.665		
1,300.00	1,282.11	1,287.42	1,268.04	5.49	5.50	-90.22	-143.46	-155.08	128.65	116.84	11.82	10.889		
1,400.00	1,378.97	1,386.86	1,363.69	5.88	5.92	-89.99	-156.33	-178.99	139.24	126.64	12.60	11.051		
1,500.00	1,475.84	1,486.29	1,459.35	6.29	6.36	-89.80	-169.21	-202.90	149.82	136.41	13.41	11.169		
1,600.00	1,572.71	1,585.73	1,555.01	6.71	6.81	-89.64	-182.08	-226.81	160.41	146.15	14.26	11.252		
1,700.00	1,669.57	1,685.17	1,650.66	7.14	7.27	-89.49	-194.96	-250.73	171.00	155.88	15.12	11.311		
1,800.00	1,766.44	1,784.60	1,746.32	7.38	7.56	-89.37	-207.83	-274.64	181.58	166.16	15.42	11.774		
1,900.00	1,863.31	1,884.04	1,841.98	7.46	7.67	-89.25	-220.71	-298.55	192.17	176.75	15.42	12.463		
2,000.00	1,960.17	1,983.48	1,937.63	7.56	7.78	-89.15	-233.58	-322.46	202.76	187.14	15.62	12.978		
2,100.00	2,057.04	2,082.91	2,033.29	7.70	7.93	-89.06	-246.46	-346.37	213.35	197.46	15.89	13.427		
2,200.00	2,153.91	2,182.35	2,128.95	7.86	8.11	-88.98	-259.33	-370.29	223.94	207.73	16.22	13.809		
2,300.00	2,250.78	2,281.79	2,224.60	8.05	8.32	-88.90	-272.21	-394.20	234.54	217.93	16.60	14.128		
2,400.00	2,347.64	2,381.23	2,320.26	8.27	8.56	-88.83	-285.08	-418.11	245.13	228.09	17.04	14.387		
2,500.00	2,444.51	2,480.66	2,415.91	8.52	8.82	-88.77	-297.96	-442.02	255.72	238.20	17.52	14.594		
2,600.00	2,541.38	2,580.10	2,511.57	8.78	9.11	-88.71	-310.84	-465.94	266.31	248.26	18.05	14.753		
2,700.00	2,638.24	2,679.54	2,607.23	9.06	9.42	-88.66	-323.71	-489.85	276.90	258.28	18.62	14.870		
2,800.00	2,735.11	2,778.97	2,702.88	9.37	9.75	-88.61	-336.59	-513.76	287.50	268.27	19.23	14.952		
2,900.00	2,831.98	2,878.41	2,798.54	9.69	10.10	-88.56	-349.46	-537.67	298.09	278.22	19.87	15.003		
3,000.00	2,928.84	2,977.85	2,894.20	10.02	10.46	-88.52	-362.34	-561.58	308.68	288.15	20.54	15.030		
3,100.00	3,025.71	3,077.29	2,989.85	10.37	10.84	-88.48	-375.21	-585.50	319.28	298.04	21.23	15.035		
3,200.00	3,122.58	3,176.72	3,085.51	10.73	11.23	-88.44	-388.09	-609.41	329.87	307.91	21.96	15.024		
3,300.00	3,219.45	3,276.16	3,181.17	11.10	11.63	-88.40	-400.96	-633.32	340.46	317.76	22.70	14.998		
3,400.00	3,316.31	3,375.60	3,276.82	11.48	12.04	-88.37	-413.84	-657.23	351.06	327.59	23.46	14.962		
3,500.00	3,413.18	3,475.03	3,372.48	11.87	12.47	-88.34	-426.71	-681.14	361.65	337.41	24.24	14.917		
3,600.00	3,510.05	3,574.47	3,468.14	12.27	12.90	-88.31	-439.59	-705.06	372.24	347.20	25.04	14.865		
3,700.00	3,606.91	3,673.91	3,563.79	12.67	13.34	-88.28	-452.46	-728.97	382.84	356.98	25.85	14.807		
3,800.00	3,703.78	3,773.35	3,659.45	13.08	13.78	-88.26	-465.34	-752.88	393.43	366.75	26.68	14.746		
3,900.00	3,800.65	3,872.78	3,755.11	13.50	14.23	-88.23	-478.22	-776.79	404.03	376.51	27.52	14.682		
4,000.00	3,897.51	3,972.22	3,850.76	13.92	14.69	-88.21	-491.09	-800.71	414.62	386.25	28.37	14.617		
4,100.00	3,994.38	4,071.66	3,946.42	14.35	15.15	-88.19	-503.97	-824.62	425.22	395.99	29.23	14.550		
4,200.00	4,091.25	4,171.09	4,042.08	14.78	15.62	-88.16	-516.84	-848.53	435.81	405.72	30.09	14.482		
4,300.00	4,188.11	4,270.53	4,137.73	15.22	16.09	-88.14	-529.72	-872.44	446.40	415.43	30.97	14.414		
4,400.00	4,284.98	4,369.97	4,233.39	15.66	16.57	-88.12	-542.59	-896.35	457.00	425.15	31.85	14.347		
4,500.00	4,381.85	4,469.40	4,329.04	16.11	17.05	-88.11	-555.47	-920.27	467.59	434.85	32.74	14.280		
4,600.00	4,478.72	4,568.84	4,424.70	16.55	17.53	-88.09	-568.34	-944.18	478.19	444.55	33.64	14.214		
4,700.00	4,575.58	4,668.28	4,520.36	17.00	18.02	-88.07	-581.22	-968.09	488.78	454.24	34.54	14.149		
4,800.00	4,672.45	4,767.72	4,616.01	17.46	18.50	-88.05	-594.09	-992.00	499.38	463.92	35.45	14.085		
4,900.00	4,769.32	4,867.15	4,711.67	17.91	18.99	-88.04	-606.97	-1,015.92	509.97	473.60	36.37	14.023		
5,000.00	4,866.18	4,966.59	4,807.33	18.37	19.49	-88.02	-619.85	-1,039.83	520.57	483.28	37.29	13.962		
5,100.00	4,963.05	5,066.03	4,902.98	18.83	19.98	-88.01	-632.72	-1,063.74	531.16	492.95	38.21	13.902		
5,200.00	5,059.92	5,165.46	4,998.64	19.29	20.48	-88.00	-645.60	-1,087.65	541.76	502.62	39.14	13.843		
5,300.00	5,156.78	5,264.90	5,094.30	19.76	20.98	-87.98	-658.47	-1,111.56	552.35	512.28	40.07	13.786		
5,400.00	5,253.65	5,364.34	5,189.95	20.22	21.48	-87.97	-671.35	-1,135.48	562.94	521.94	41.00	13.730		
5,500.00	5,350.52	5,463.78	5,285.61	20.69	21.99	-87.96	-684.22	-1,159.39	573.54	531.60	41.94	13.676		
5,600.00	5,447.39	5,563.21	5,381.27	21.16	22.49	-87.95	-697.10	-1,183.30	584.13	541.26	42.88	13.623		
5,700.00	5,544.25	5,662.65	5,476.92	21.63	23.00	-87.93	-709.97	-1,207.21	594.73	550.91	43.82	13.572		
5,800.00	5,641.12	5,762.09	5,572.58	22.10	23.50	-87.92	-722.85	-1,231.13	605.32	560.56	44.77	13.522		
5,900.00	5,737.99	5,861.52	5,668.24	22.58	24.01	-87.91	-735.72	-1,255.04	615.92	570.20	45.72	13.473		
6,000.00	5,834.85	5,960.96	5,763.89	23.05	24.52	-87.90	-748.60	-1,278.95	626.51	579.85	46.67	13.425		
6,100.00	5,931.72	6,060.40	5,859.55	23.53	25.03	-87.89	-761.47	-1,302.86	637.11	589.49	47.62	13.379		
6,200.00	6,028.59	6,159.84	5,955.21	24.00	25.54	-87.88	-774.35	-1,326.77	647.70	599.13	48.57	13.334		
6,300.00	6,126.39	6,259.12	6,050.71	24.31	26.06	-83.42	-787.21	-1,350.65	658.04	608.72	49.32	13.343		
6,400.00	6,226.12	6,356.63	6,144.52	24.44	26.56	44.66	-799.83	-1,374.10	667.71	618.01	49.70	13.436		



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	6,325.45	6,449.93	6,234.41	24.51	27.01	81.53	-811.93	-1,395.94	677.76	628.01	49.76	13.622	
6,600.00	6,421.92	6,544.58	6,327.41	24.57	27.19	86.83	-824.44	-1,407.69	689.40	639.89	49.50	13.926	
6,700.00	6,513.18	6,645.29	6,427.07	24.67	27.30	89.99	-837.83	-1,404.79	702.54	653.30	49.24	14.266	
6,800.00	6,596.96	6,753.39	6,532.10	24.87	27.37	92.51	-851.93	-1,384.10	716.76	667.66	49.10	14.597	
6,900.00	6,671.20	6,870.34	6,640.03	25.23	27.43	94.73	-866.40	-1,341.91	731.41	682.19	49.22	14.859	
7,000.00	6,734.09	6,997.50	6,746.55	25.80	27.57	96.71	-880.66	-1,274.33	745.62	695.83	49.80	14.973	
7,100.00	6,784.06	7,135.74	6,844.75	26.64	27.92	98.42	-893.79	-1,178.32	758.35	707.24	51.11	14.838	
7,200.00	6,819.89	7,284.76	6,924.95	27.74	28.66	99.75	-904.47	-1,053.58	768.42	714.97	53.45	14.376	
7,300.00	6,840.69	7,442.44	6,976.14	29.08	30.00	100.56	-911.23	-905.02	774.75	717.80	56.95	13.604	
7,400.00	6,846.73	7,589.17	6,990.46	30.59	31.75	100.75	-913.04	-759.28	776.67	715.72	60.94	12.744	
7,500.00	6,849.06	7,689.17	6,992.34	32.30	33.23	100.71	-913.21	-659.30	777.08	712.84	64.24	12.096	
7,600.00	6,851.39	7,789.17	6,994.21	34.17	34.91	100.67	-913.38	-559.32	777.49	709.61	67.88	11.453	
7,700.00	6,853.71	7,889.17	6,996.09	36.20	36.77	100.63	-913.55	-459.34	777.91	706.09	71.82	10.832	
7,800.00	6,856.04	7,989.16	6,997.97	38.34	38.78	100.59	-913.72	-359.36	778.32	702.32	76.00	10.241	
7,900.00	6,858.37	8,089.16	6,999.85	40.59	40.92	100.55	-913.90	-259.38	778.73	698.34	80.39	9.687	
8,000.00	6,860.70	8,189.16	7,001.72	42.93	43.17	100.51	-914.07	-159.40	779.15	694.19	84.96	9.171	
8,100.00	6,863.03	8,289.16	7,003.60	45.34	45.51	100.47	-914.24	-59.42	779.56	689.88	89.68	8.692	
8,200.00	6,865.36	8,389.16	7,005.48	47.81	47.92	100.43	-914.41	40.56	779.98	685.45	94.53	8.251	
8,300.00	6,867.69	8,489.15	7,007.35	50.34	50.39	100.39	-914.59	140.54	780.39	680.90	99.49	7.844	
8,400.00	6,870.02	8,589.15	7,009.23	52.91	52.92	100.35	-914.76	240.52	780.81	676.27	104.54	7.469	
8,500.00	6,872.34	8,689.15	7,011.11	55.52	55.49	100.31	-914.93	340.50	781.22	671.55	109.67	7.123	
8,600.00	6,874.67	8,789.15	7,012.98	58.16	58.10	100.28	-915.10	440.48	781.64	666.77	114.87	6.804	
8,700.00	6,877.00	8,889.14	7,014.86	60.83	60.75	100.24	-915.28	540.46	782.06	661.92	120.14	6.510	
8,800.00	6,879.33	8,989.14	7,016.74	63.53	63.42	100.20	-915.45	640.44	782.47	657.02	125.45	6.237	
8,900.00	6,881.66	9,089.14	7,018.61	66.25	66.13	100.16	-915.62	740.42	782.89	652.07	130.82	5.985	
9,000.00	6,883.99	9,189.14	7,020.49	68.99	68.85	100.12	-915.79	840.40	783.31	647.08	136.23	5.750	
9,100.00	6,886.32	9,289.13	7,022.37	71.75	71.59	100.08	-915.96	940.38	783.73	642.06	141.67	5.532	
9,200.00	6,888.65	9,389.13	7,024.24	74.52	74.35	100.04	-916.14	1,040.36	784.14	637.00	147.15	5.329	
9,300.00	6,890.98	9,489.13	7,026.12	77.31	77.12	100.00	-916.31	1,140.34	784.56	631.91	152.65	5.140	
9,400.00	6,893.30	9,589.13	7,028.00	80.11	79.91	99.96	-916.48	1,240.32	784.98	626.80	158.19	4.962	
9,500.00	6,895.63	9,689.13	7,029.88	82.92	82.71	99.92	-916.65	1,340.30	785.40	621.66	163.74	4.797	
9,600.00	6,897.96	9,789.12	7,031.75	85.75	85.53	99.89	-916.83	1,440.28	785.82	616.50	169.32	4.641	
9,700.00	6,900.29	9,889.12	7,033.63	88.58	88.35	99.85	-917.00	1,540.26	786.24	611.32	174.92	4.495	
9,800.00	6,902.62	9,989.12	7,035.51	91.42	91.18	99.81	-917.17	1,640.24	786.66	606.12	180.54	4.357	
9,900.00	6,904.95	10,089.12	7,037.38	94.26	94.02	99.77	-917.34	1,740.22	787.08	600.91	186.17	4.228	
10,000.00	6,907.28	10,189.11	7,039.26	97.12	96.87	99.73	-917.52	1,840.20	787.50	595.68	191.82	4.105	
10,100.00	6,909.61	10,289.11	7,041.14	99.98	99.72	99.69	-917.69	1,940.18	787.93	590.44	197.48	3.990	
10,200.00	6,911.93	10,389.11	7,043.01	102.84	102.58	99.65	-917.86	2,040.16	788.35	585.19	203.16	3.880	
10,300.00	6,914.26	10,489.11	7,044.89	105.71	105.45	99.61	-918.03	2,140.14	788.77	579.92	208.85	3.777	
10,400.00	6,916.59	10,589.10	7,046.77	108.59	108.32	99.58	-918.20	2,240.12	789.19	574.65	214.55	3.678	
10,500.00	6,918.92	10,689.10	7,048.64	111.47	111.19	99.53	-918.38	2,340.09	788.19	567.94	220.25	3.579	
10,600.00	6,921.25	10,789.08	7,050.52	114.36	114.07	99.52	-918.55	2,440.06	786.63	560.67	225.96	3.481	
10,700.00	6,923.58	10,889.07	7,052.40	117.25	116.96	99.50	-918.72	2,540.03	785.06	553.39	231.67	3.389	
10,800.00	6,925.91	10,989.06	7,054.27	120.15	119.85	99.49	-918.89	2,640.00	783.49	546.09	237.40	3.300	
10,900.00	6,928.23	11,089.05	7,056.15	123.05	122.74	99.47	-919.07	2,739.97	781.93	538.80	243.13	3.216	
11,000.00	6,930.56	11,189.03	7,058.03	125.95	125.63	99.46	-919.24	2,839.94	780.36	531.49	248.87	3.136	
11,100.00	6,932.89	11,289.02	7,059.90	128.86	128.53	99.44	-919.41	2,939.91	778.79	524.18	254.61	3.059	
11,200.00	6,935.22	11,389.01	7,061.78	131.77	131.43	99.43	-919.58	3,039.88	777.23	516.86	260.36	2.985	
11,300.00	6,937.55	11,489.00	7,063.66	134.68	134.34	99.41	-919.76	3,139.85	775.66	509.54	266.12	2.915	
11,400.00	6,939.88	11,588.99	7,065.53	137.59	137.24	99.40	-919.93	3,239.82	774.09	502.21	271.88	2.847	
11,500.00	6,942.21	11,688.97	7,067.41	140.51	140.15	99.38	-920.10	3,339.79	772.53	494.88	277.65	2.782	
11,600.00	6,944.53	11,788.96	7,069.29	143.43	143.06	99.37	-920.27	3,439.76	770.96	487.54	283.42	2.720	
11,700.00	6,946.86	11,888.95	7,071.16	146.35	145.97	99.36	-920.44	3,539.73	769.40	480.20	289.20	2.660	
11,800.00	6,949.19	11,988.94	7,073.04	149.27	148.89	99.34	-920.62	3,639.70	767.83	472.85	294.98	2.603	
11,900.00	6,951.52	12,088.92	7,074.92	152.19	151.81	99.33	-920.79	3,739.67	766.26	465.50	300.76	2.548	
12,000.00	6,953.85	12,188.91	7,076.79	155.12	154.73	99.31	-920.96	3,839.64	764.70	458.15	306.55	2.495	
12,100.00	6,956.18	12,288.90	7,078.67	158.04	157.65	99.30	-921.13	3,939.61	763.13	450.79	312.34	2.443	
12,200.00	6,958.51	12,388.89	7,080.55	160.97	160.57	99.28	-921.31	4,039.58	761.57	443.43	318.14	2.394	
12,300.00	6,960.83	12,488.87	7,082.42	163.90	163.49	99.26	-921.48	4,139.55	760.00	436.07	323.93	2.346	
12,400.00	6,963.16	12,588.86	7,084.30	166.83	166.42	99.25	-921.65	4,239.52	758.44	428.70	329.74	2.300	
12,500.00	6,965.49	12,688.85	7,086.18	169.76	169.34	99.23	-921.82	4,339.49	756.87	421.33	335.54	2.256	
12,600.00	6,967.82	12,788.84	7,088.05	172.70	172.27	99.22	-921.99	4,439.46	755.30	413.96	341.35	2.213	
12,700.00	6,970.15	12,888.82	7,089.93	175.63	175.20	99.20	-922.17	4,539.43	753.74	406.58	347.16	2.171	
12,800.00	6,972.48	12,988.81	7,091.81	178.57	178.13	99.19	-922.34	4,639.40	752.17	399.20	352.97	2.131	
12,900.00	6,974.81	13,088.80	7,093.68	181.50	181.06	99.17	-922.51	4,739.37	750.61	391.82	358.79	2.092	
13,000.00	6,977.13	13,188.79	7,095.56										



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L - Wellbore #1 - Design #1											Offset Site Error: 0.00 usft		
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft		
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
13,100.00	6,979.46	13,288.77	7,097.44	187.38	186.92	99.14	-922.86	4,939.31	747.48	377.05	370.43	2.018	
13,200.00	6,981.79	13,388.76	7,099.31	190.32	189.86	99.13	-923.03	5,039.28	745.91	369.66	376.25	1.982	
13,300.00	6,984.12	13,488.75	7,101.19	193.26	192.79	99.11	-923.20	5,139.25	744.35	362.27	382.07	1.948	
13,400.00	6,986.45	13,588.74	7,103.07	196.20	195.73	99.09	-923.37	5,239.22	742.78	354.88	387.90	1.915	
13,500.00	6,988.78	13,688.72	7,104.94	199.14	198.66	99.08	-923.55	5,339.19	741.22	347.49	393.73	1.883	
13,600.00	6,991.11	13,788.71	7,106.82	202.09	201.60	99.06	-923.72	5,439.16	739.65	340.09	399.56	1.851	
13,700.00	6,993.43	13,888.70	7,108.70	205.03	204.54	99.05	-923.89	5,539.12	738.09	332.69	405.40	1.821	
13,800.00	6,995.76	13,988.69	7,110.57	207.97	207.48	99.03	-924.06	5,639.09	736.52	325.29	411.23	1.791	
13,900.00	6,998.09	14,088.67	7,112.45	210.92	210.42	99.01	-924.23	5,739.06	734.96	317.89	417.07	1.762	
14,000.00	7,000.42	14,188.66	7,114.33	213.86	213.36	99.00	-924.41	5,839.03	733.39	310.49	422.91	1.734	
14,100.00	7,002.75	14,288.65	7,116.20	216.81	216.30	98.98	-924.58	5,939.00	731.83	303.08	428.75	1.707	
14,200.00	7,005.08	14,388.64	7,118.08	219.75	219.24	98.96	-924.75	6,038.97	730.26	295.68	434.59	1.680	
14,300.00	7,007.41	14,488.62	7,119.96	222.70	222.18	98.95	-924.92	6,138.94	728.70	288.27	440.43	1.655	
14,400.00	7,009.73	14,588.61	7,121.83	225.65	225.12	98.93	-925.10	6,238.91	727.14	280.86	446.28	1.629	
14,500.00	7,012.06	14,688.60	7,123.71	228.60	228.06	98.91	-925.27	6,338.88	725.57	273.45	452.12	1.605	
14,600.00	7,014.39	14,788.59	7,125.59	231.55	231.01	98.90	-925.44	6,438.85	724.01	266.03	457.97	1.581	
14,700.00	7,016.72	14,888.57	7,127.46	234.49	233.95	98.88	-925.61	6,538.82	722.44	258.62	463.82	1.558	
14,800.00	7,019.05	14,988.56	7,129.34	237.44	236.90	98.86	-925.79	6,638.79	720.88	251.20	469.67	1.535	
14,900.00	7,021.38	15,088.55	7,131.22	240.39	239.84	98.85	-925.96	6,738.76	719.31	243.79	475.53	1.513	
15,000.00	7,023.71	15,188.54	7,133.09	243.34	242.79	98.83	-926.13	6,838.73	717.75	236.37	481.38	1.491 Level 3	
15,100.00	7,026.04	15,288.52	7,134.97	246.30	245.73	98.81	-926.30	6,938.70	716.19	228.95	487.24	1.470 Level 3	
15,200.00	7,028.36	15,388.51	7,136.85	249.25	248.68	98.80	-926.47	7,038.67	714.62	221.53	493.09	1.449 Level 3	
15,300.00	7,030.69	15,488.50	7,138.72	252.20	251.62	98.78	-926.65	7,138.64	713.06	214.11	498.95	1.429 Level 3	
15,400.00	7,033.02	15,588.49	7,140.60	255.15	254.57	98.76	-926.82	7,238.61	711.49	206.68	504.81	1.409 Level 3	
15,500.00	7,035.35	15,688.47	7,142.48	258.10	257.52	98.74	-926.99	7,338.58	709.93	199.26	510.67	1.390 Level 3	
15,600.00	7,037.68	15,788.46	7,144.35	261.05	260.47	98.73	-927.16	7,438.55	708.37	191.83	516.53	1.371 Level 3	
15,700.00	7,040.01	15,888.45	7,146.23	264.01	263.41	98.71	-927.34	7,538.52	706.80	184.41	522.40	1.353 Level 3	
15,800.00	7,042.34	15,988.44	7,148.11	266.96	266.36	98.69	-927.51	7,638.49	705.24	176.98	528.26	1.335 Level 3	
15,900.00	7,044.66	16,088.42	7,149.98	269.91	269.31	98.67	-927.68	7,738.46	703.68	169.55	534.12	1.317 Level 3	
16,000.00	7,046.99	16,188.41	7,151.86	272.87	272.26	98.65	-927.85	7,838.43	702.11	162.12	539.99	1.300 Level 3	
16,100.00	7,049.32	16,288.40	7,153.74	275.82	275.21	98.64	-928.03	7,938.40	700.55	154.69	545.86	1.283 Level 3	
16,200.00	7,051.65	16,388.39	7,155.61	278.78	278.16	98.62	-928.20	8,038.37	698.99	147.26	551.73	1.267 Level 3	
16,300.00	7,053.98	16,488.37	7,157.49	281.73	281.11	98.60	-928.37	8,138.34	697.42	139.82	557.60	1.251 Level 3	
16,400.00	7,056.31	16,588.36	7,159.37	284.69	284.06	98.58	-928.54	8,238.31	695.86	132.39	563.47	1.235 Level 2	
16,500.00	7,058.64	16,688.35	7,161.24	287.64	287.01	98.56	-928.71	8,338.28	694.30	124.96	569.34	1.219 Level 2	
16,600.00	7,060.96	16,788.34	7,163.12	290.60	289.96	98.55	-928.89	8,438.25	692.73	117.52	575.21	1.204 Level 2	
16,700.00	7,063.29	16,888.32	7,165.00	293.55	292.91	98.53	-929.06	8,538.22	691.17	110.08	581.09	1.189 Level 2	
16,800.00	7,065.62	16,988.31	7,166.87	296.51	295.86	98.51	-929.23	8,638.19	689.61	102.64	586.96	1.175 Level 2	
16,900.00	7,067.95	17,088.30	7,168.75	299.46	298.81	98.49	-929.40	8,738.16	688.04	95.21	592.84	1.161 Level 2	
17,000.00	7,070.28	17,188.29	7,170.63	302.42	301.76	98.47	-929.58	8,838.13	686.48	87.77	598.72	1.147 Level 2	
17,100.00	7,072.61	17,288.27	7,172.50	305.38	304.71	98.45	-929.75	8,938.10	684.92	80.32	604.59	1.133 Level 2	
17,200.00	7,074.94	17,388.26	7,174.38	308.33	307.67	98.43	-929.92	9,038.07	683.36	72.88	610.47	1.119 Level 2	
17,300.00	7,077.26	17,488.25	7,176.26	311.29	310.62	98.42	-930.09	9,138.04	681.79	65.44	616.35	1.106 Level 2	
17,331.95	7,078.01	17,520.20	7,176.86	312.23	311.56	98.41	-930.15	9,169.98	681.29	63.07	618.22	1.102 Level 2, SF	



Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 40N-8B-L2 - Wellbore #1 - Design #1												Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
11,600.00	6,944.53	10,381.28	7,121.97	143.43	102.49	98.68	-1,345.17	3,445.36	1,199.34	955.30	244.04	4.915	
11,700.00	6,946.86	10,481.25	7,122.83	146.35	105.42	98.62	-1,344.88	3,545.33	1,197.16	947.30	249.85	4.791	
11,800.00	6,949.19	10,581.22	7,123.68	149.27	108.34	98.57	-1,344.59	3,645.29	1,194.98	939.30	255.68	4.674	
11,900.00	6,951.52	10,681.19	7,124.53	152.19	111.27	98.51	-1,344.29	3,745.26	1,192.80	931.30	261.51	4.561	
12,000.00	6,953.85	10,781.16	7,125.39	155.12	114.20	98.45	-1,344.00	3,845.22	1,190.63	923.29	267.34	4.454	
12,100.00	6,956.18	10,881.13	7,126.24	158.04	117.13	98.40	-1,343.71	3,945.19	1,188.46	915.28	273.17	4.351	
12,200.00	6,958.51	10,981.10	7,127.10	160.97	120.07	98.34	-1,343.41	4,045.15	1,186.28	907.27	279.02	4.252	
12,300.00	6,960.83	11,081.07	7,127.95	163.90	123.00	98.28	-1,343.12	4,145.12	1,184.11	899.25	284.86	4.157	
12,400.00	6,963.16	11,181.04	7,128.81	166.83	125.94	98.23	-1,342.83	4,245.08	1,181.94	891.23	290.71	4.066	
12,500.00	6,965.49	11,281.01	7,129.66	169.76	128.88	98.17	-1,342.53	4,345.05	1,179.77	883.21	296.56	3.978	
12,600.00	6,967.82	11,380.97	7,130.52	172.70	131.81	98.11	-1,342.24	4,445.01	1,177.61	875.19	302.42	3.894	
12,700.00	6,970.15	11,480.94	7,131.37	175.63	134.75	98.06	-1,341.95	4,544.98	1,175.44	867.16	308.28	3.813	
12,800.00	6,972.48	11,580.91	7,132.23	178.57	137.69	98.00	-1,341.65	4,644.95	1,173.28	859.13	314.15	3.735	
12,900.00	6,974.81	11,680.88	7,133.08	181.50	140.64	97.94	-1,341.36	4,744.91	1,171.11	851.10	320.01	3.660	
13,000.00	6,977.13	11,780.85	7,133.93	184.44	143.58	97.88	-1,341.07	4,844.88	1,168.95	843.07	325.88	3.587	
13,100.00	6,979.46	11,880.82	7,134.79	187.38	146.52	97.82	-1,340.77	4,944.84	1,166.79	835.03	331.76	3.517	
13,200.00	6,981.79	11,980.79	7,135.64	190.32	149.46	97.76	-1,340.48	5,044.81	1,164.63	826.99	337.63	3.449	
13,300.00	6,984.12	12,080.76	7,136.50	193.26	152.41	97.71	-1,340.18	5,144.77	1,162.47	818.96	343.51	3.384	
13,400.00	6,986.45	12,180.73	7,137.35	196.20	155.35	97.65	-1,339.89	5,244.74	1,160.31	810.92	349.39	3.321	
13,500.00	6,988.78	12,280.70	7,138.21	199.14	158.30	97.59	-1,339.60	5,344.70	1,158.15	802.87	355.28	3.260	
13,600.00	6,991.11	12,380.67	7,139.06	202.09	161.24	97.53	-1,339.30	5,444.67	1,156.00	794.83	361.17	3.201	
13,700.00	6,993.43	12,480.64	7,139.92	205.03	164.19	97.47	-1,339.01	5,544.64	1,153.84	786.79	367.05	3.144	
13,800.00	6,995.76	12,580.61	7,140.77	207.97	167.14	97.41	-1,338.72	5,644.60	1,151.69	778.74	372.95	3.088	
13,900.00	6,998.09	12,680.58	7,141.63	210.92	170.09	97.35	-1,338.42	5,744.57	1,149.54	770.70	378.84	3.034	
14,000.00	7,000.42	12,780.55	7,142.48	213.86	173.03	97.29	-1,338.13	5,844.53	1,147.39	762.65	384.74	2.982	
14,100.00	7,002.75	12,880.52	7,143.34	216.81	175.98	97.23	-1,337.84	5,944.50	1,145.24	754.60	390.64	2.932	
14,200.00	7,005.08	12,980.49	7,144.19	219.75	178.93	97.17	-1,337.54	6,044.46	1,143.09	746.55	396.54	2.883	
14,300.00	7,007.41	13,080.46	7,145.04	222.70	181.88	97.11	-1,337.25	6,144.43	1,140.94	738.50	402.44	2.835	
14,400.00	7,009.73	13,180.43	7,145.90	225.65	184.83	97.04	-1,336.96	6,244.39	1,138.80	730.45	408.35	2.789	
14,500.00	7,012.06	13,280.40	7,146.75	228.60	187.78	96.98	-1,336.66	6,344.36	1,136.66	722.40	414.25	2.744	
14,600.00	7,014.39	13,380.37	7,147.61	231.55	190.73	96.92	-1,336.37	6,444.32	1,134.51	714.35	420.16	2.700	
14,700.00	7,016.72	13,480.34	7,148.46	234.49	193.68	96.86	-1,336.08	6,544.29	1,132.37	706.30	426.07	2.658	
14,800.00	7,019.05	13,580.31	7,149.32	237.44	196.63	96.80	-1,335.78	6,644.26	1,130.23	698.25	431.99	2.616	
14,900.00	7,021.38	13,680.28	7,150.17	240.39	199.58	96.73	-1,335.49	6,744.22	1,128.09	690.19	437.90	2.576	
15,000.00	7,023.71	13,780.24	7,151.03	243.34	202.54	96.67	-1,335.20	6,844.19	1,125.96	682.14	443.82	2.537	
15,100.00	7,026.04	13,880.21	7,151.88	246.30	205.49	96.61	-1,334.90	6,944.15	1,123.82	674.08	449.74	2.499	
15,200.00	7,028.36	13,980.18	7,152.74	249.25	208.44	96.55	-1,334.61	7,044.12	1,121.68	666.03	455.66	2.462	
15,300.00	7,030.69	14,080.15	7,153.59	252.20	211.39	96.48	-1,334.32	7,144.08	1,119.55	657.97	461.58	2.425	
15,400.00	7,033.02	14,180.12	7,154.44	255.15	214.35	96.42	-1,334.02	7,244.05	1,117.42	649.92	467.50	2.390	
15,500.00	7,035.35	14,280.09	7,155.30	258.10	217.30	96.36	-1,333.73	7,344.01	1,115.29	641.86	473.42	2.356	
15,600.00	7,037.68	14,380.06	7,156.15	261.05	220.25	96.29	-1,333.44	7,443.98	1,113.16	633.81	479.35	2.322	
15,700.00	7,040.01	14,480.03	7,157.01	264.01	223.21	96.23	-1,333.14	7,543.94	1,111.03	625.75	485.28	2.289	
15,800.00	7,042.34	14,580.00	7,157.86	266.96	226.16	96.16	-1,332.85	7,643.91	1,108.91	617.70	491.21	2.258	
15,900.00	7,044.66	14,679.97	7,158.72	269.91	229.11	96.10	-1,332.56	7,743.88	1,106.78	609.64	497.14	2.226	
16,000.00	7,046.99	14,779.94	7,159.57	272.87	232.07	96.03	-1,332.26	7,843.84	1,104.66	601.59	503.07	2.196	
16,100.00	7,049.32	14,879.91	7,160.43	275.82	235.02	95.97	-1,331.97	7,943.81	1,102.54	593.53	509.00	2.166	
16,200.00	7,051.65	14,979.88	7,161.28	278.78	237.98	95.90	-1,331.67	8,043.77	1,100.41	585.48	514.94	2.137	
16,300.00	7,053.98	15,079.85	7,162.14	281.73	240.93	95.84	-1,331.38	8,143.74	1,098.30	577.42	520.87	2.109	
16,400.00	7,056.31	15,179.82	7,162.99	284.69	243.89	95.77	-1,331.09	8,243.70	1,096.18	569.37	526.81	2.081	
16,500.00	7,058.64	15,279.79	7,163.85	287.64	246.84	95.70	-1,330.79	8,343.67	1,094.06	561.31	532.75	2.054	
16,600.00	7,060.96	15,379.76	7,164.70	290.60	249.80	95.64	-1,330.50	8,443.63	1,091.95	553.26	538.69	2.027	
16,700.00	7,063.29	15,479.73	7,165.55	293.55	252.75	95.57	-1,330.21	8,543.60	1,089.83	545.20	544.63	2.001	
16,800.00	7,065.62	15,579.70	7,166.41	296.51	255.71	95.50	-1,329.91	8,643.57	1,087.72	537.15	550.57	1.976	
16,900.00	7,067.95	15,679.67	7,167.26	299.46	258.66	95.44	-1,329.62	8,743.53	1,085.61	529.10	556.52	1.951	
17,000.00	7,070.28	15,779.64	7,168.12	302.42	261.62	95.37	-1,329.33	8,843.50	1,083.50	521.04	562.46	1.926	
17,100.00	7,072.61	15,879.61	7,168.97	305.38	264.57	95.30	-1,329.03	8,943.46	1,081.40	512.99	568.40	1.903	
17,200.00	7,074.94	15,979.58	7,169.83	308.33	267.53	95.23	-1,328.74	9,043.43	1,079.29	504.94	574.35	1.879	
17,300.00	7,077.26	16,079.54	7,170.68	311.29	270.48	95.16	-1,328.45	9,143.39	1,077.19	496.89	580.30	1.856	
17,331.95	7,078.01	16,111.48	7,170.96	312.23	271.43	95.14	-1,328.35	9,175.33	1,076.51	494.32	582.19	1.849 CC, ES, 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	0.80	39.71	0.56	39.72					
100.00	100.00	100.00	100.00	3.28	3.28	0.80	39.71	0.56	39.72	32.19	7.53	5.276		
200.00	200.00	200.00	200.00	3.30	3.30	0.80	39.71	0.56	39.72	32.15	7.57	5.248		
200.00	200.00	200.00	200.00	3.30	3.30	0.80	39.71	0.56	39.72	32.15	7.57	5.248	CC	
300.00	300.00	299.94	299.93	3.34	3.34	96.30	39.76	0.12	39.80	32.15	7.65	5.202		
400.00	399.93	399.81	399.74	3.40	3.41	96.28	40.12	-3.34	40.50	32.73	7.77	5.212		
500.00	499.68	499.67	499.35	3.49	3.49	96.25	40.85	-10.26	41.90	33.96	7.94	5.277		
600.00	599.13	599.51	598.64	3.60	3.60	96.20	41.94	-20.62	43.99	35.83	8.16	5.389		
700.00	698.15	699.33	697.49	3.74	3.75	96.14	43.39	-34.42	46.78	38.33	8.45	5.535		
800.00	796.63	799.11	795.76	3.93	3.93	96.07	45.20	-51.62	50.25	41.44	8.82	5.700		
900.00	894.44	898.86	893.33	4.16	4.16	96.00	47.36	-72.21	54.42	45.15	9.27	5.869		
1,000.00	991.50	1,001.31	990.40	4.44	4.44	96.58	49.80	-95.39	59.17	49.34	9.83	6.019		
1,100.00	1,088.37	1,101.44	1,087.47	4.76	4.75	97.71	52.25	-118.75	64.05	53.59	10.46	6.125		
1,200.00	1,185.24	1,201.56	1,184.54	5.11	5.08	98.69	54.71	-142.10	68.95	57.81	11.14	6.191		
1,300.00	1,282.11	1,301.69	1,281.62	5.49	5.44	99.53	57.16	-165.46	73.87	62.01	11.86	6.229		
1,400.00	1,378.97	1,401.82	1,378.69	5.88	5.81	100.27	59.62	-188.82	78.80	66.18	12.61	6.247		
1,500.00	1,475.84	1,501.94	1,475.76	6.29	6.20	100.92	62.07	-212.17	83.74	70.34	13.40	6.251		
1,600.00	1,572.71	1,602.07	1,572.84	6.71	6.60	101.50	64.53	-235.53	88.69	74.49	14.20	6.244		
1,700.00	1,669.57	1,702.20	1,669.91	7.14	7.01	102.02	66.98	-258.88	93.65	78.63	15.02	6.233		
1,800.00	1,766.44	1,802.32	1,766.98	7.38	7.23	102.49	69.44	-282.24	98.62	83.52	15.10	6.531		
1,900.00	1,863.31	1,902.45	1,864.05	7.46	7.30	102.91	71.89	-305.59	103.59	88.36	15.23	6.801		
2,000.00	1,960.17	2,002.58	1,961.13	7.56	7.40	103.29	74.35	-328.95	108.57	93.15	15.42	7.039		
2,100.00	2,057.04	2,102.70	2,058.20	7.70	7.52	103.64	76.80	-352.31	113.55	97.88	15.68	7.244		
2,200.00	2,153.91	2,202.83	2,155.27	7.86	7.68	103.96	79.25	-375.66	118.54	102.56	15.98	7.416		
2,300.00	2,250.78	2,302.95	2,252.35	8.05	7.86	104.26	81.71	-399.02	123.53	107.19	16.34	7.558		
2,400.00	2,347.64	2,403.08	2,349.42	8.27	8.06	104.53	84.16	-422.37	128.52	111.77	16.75	7.671		
2,500.00	2,444.51	2,496.79	2,446.49	8.52	8.27	104.78	86.62	-445.73	133.52	116.33	17.19	7.765		
2,600.00	2,541.38	2,603.33	2,543.57	8.78	8.54	105.01	89.07	-469.09	138.52	120.81	17.71	7.823		
2,700.00	2,638.24	2,703.46	2,640.64	9.06	8.80	105.23	91.53	-492.44	143.52	125.28	18.24	7.868		
2,800.00	2,735.11	2,803.59	2,737.71	9.37	9.09	105.43	93.98	-515.80	148.52	129.71	18.81	7.896		
2,900.00	2,831.98	2,903.71	2,834.79	9.69	9.39	105.62	96.44	-539.15	153.52	134.11	19.41	7.909		
3,000.00	2,928.84	3,003.84	2,931.86	10.02	9.70	105.79	98.89	-562.51	158.53	138.49	20.04	7.911		
3,100.00	3,025.71	3,103.97	3,028.93	10.37	10.03	105.96	101.35	-585.86	163.54	142.84	20.69	7.902		
3,200.00	3,122.58	3,204.09	3,126.01	10.73	10.36	106.12	103.80	-609.22	168.54	147.17	21.37	7.886		
3,300.00	3,219.45	3,304.22	3,223.08	11.10	10.71	106.26	106.26	-632.58	173.55	151.48	22.07	7.863		
3,400.00	3,316.31	3,404.35	3,320.15	11.48	11.07	106.40	108.71	-655.93	178.56	155.77	22.79	7.835		
3,500.00	3,413.18	3,504.47	3,417.23	11.87	11.44	106.53	111.17	-679.29	183.57	160.05	23.53	7.803		
3,600.00	3,510.05	3,604.60	3,514.30	12.27	11.81	106.66	113.62	-702.64	188.59	164.31	24.28	7.768		
3,700.00	3,606.91	3,695.27	3,611.37	12.67	12.16	106.78	116.08	-726.00	193.60	168.59	25.01	7.742		
3,800.00	3,703.78	3,804.85	3,708.44	13.08	12.58	106.89	118.53	-749.36	198.61	172.79	25.82	7.692		
3,900.00	3,800.65	3,904.98	3,805.52	13.50	12.98	106.99	120.99	-772.71	203.63	177.02	26.61	7.653		
4,000.00	3,897.51	4,005.11	3,902.59	13.92	13.38	107.10	123.44	-796.07	208.64	181.23	27.41	7.612		
4,100.00	3,994.38	4,105.23	3,999.66	14.35	13.78	107.19	125.90	-819.42	213.66	185.44	28.22	7.572		
4,200.00	4,091.25	4,205.36	4,096.74	14.78	14.19	107.28	128.35	-842.78	218.67	189.64	29.04	7.531		
4,300.00	4,188.11	4,305.48	4,193.81	15.22	14.61	107.37	130.81	-866.13	223.69	193.83	29.86	7.491		
4,400.00	4,284.98	4,405.61	4,290.88	15.66	15.02	107.46	133.26	-889.49	228.71	198.01	30.70	7.451		
4,500.00	4,381.85	4,505.74	4,387.96	16.11	15.44	107.54	135.72	-912.85	233.73	202.19	31.54	7.411		
4,600.00	4,478.72	4,594.14	4,485.03	16.55	15.82	107.61	138.17	-936.20	238.75	206.41	32.34	7.383		
4,700.00	4,575.58	4,705.99	4,582.10	17.00	16.30	107.69	140.62	-959.56	243.76	210.53	33.24	7.334		
4,800.00	4,672.45	4,806.12	4,679.18	17.46	16.72	107.76	143.08	-982.91	248.78	214.69	34.10	7.297		
4,900.00	4,769.32	4,906.24	4,776.25	17.91	17.16	107.83	145.53	-1,006.27	253.80	218.84	34.96	7.260		
5,000.00	4,866.18	5,006.37	4,873.32	18.37	17.59	107.89	147.99	-1,029.62	258.82	223.00	35.83	7.224		
5,100.00	4,963.05	5,106.50	4,970.40	18.83	18.03	107.96	150.44	-1,052.98	263.84	227.14	36.70	7.190		
5,200.00	5,059.92	5,206.62	5,067.47	19.29	18.47	108.02	152.90	-1,076.34	268.86	231.29	37.57	7.156		
5,300.00	5,156.78	5,306.75	5,164.54	19.76	18.91	108.08	155.35	-1,099.69	273.88	235.43	38.45	7.123		
5,400.00	5,253.65	5,406.88	5,261.62	20.22	19.35	108.13	157.81	-1,123.05	278.90	239.57	39.34	7.090		
5,500.00	5,350.52	5,507.00	5,358.69	20.69	19.79	108.19	160.26	-1,146.40	283.93	243.70	40.22	7.059		
5,600.00	5,447.39	5,607.13	5,455.76	21.16	20.24	108.24	162.72	-1,169.76	288.95	247.84	41.11	7.029		
5,700.00	5,544.25	5,707.26	5,552.83	21.63	20.69	108.29	165.17	-1,193.12	293.97	251.97	42.00	6.999		
5,800.00	5,641.12	5,807.38	5,649.91	22.10	21.13	108.34	167.63	-1,216.47	298.99	256.10	42.90	6.970		
5,900.00	5,737.99	5,907.51	5,746.98	22.58	21.58	108.39	170.08	-1,239.83	304.01	260.22	43.79	6.942		
6,000.00	5,834.85	6,007.64	5,844.05	23.05	22.03	108.43	172.54	-1,263.18	309.04	264.35	44.69	6.915		
6,100.00	5,931.72	6,107.76	5,941.13	23.53	22.49	108.48	174.99	-1,286.54	314.06	268.47	45.59	6.888		
6,200.00	6,028.59	6,207.89	6,038.20	24.00	22.94	108.52	177.45	-1,309.89	319.08	272.59	46.49	6.863		
6,300.00	6,126.39	6,308.13	6,135.16	24.31	23.39	112.80	179.90	-1,333.22	323.11	275.78	47.33	6.826		
6,400.00	6,226.12	6,389.98	6,230.52	24.44	23.76	-123.04	182.31	-1,356.17	324.40	276.24	48.16	6.736		



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	6,325.45	6,484.03	6,321.93	24.51	24.19	-93.43	184.62	-1,378.16	325.41	276.37	49.03	6.636	
6,600.00	6,421.92	6,572.89	6,408.43	24.57	24.54	-96.95	186.81	-1,398.37	330.50	280.95	49.55	6.670	
6,700.00	6,513.18	6,666.45	6,501.21	24.67	24.71	-102.74	189.14	-1,409.55	342.76	293.34	49.42	6.935	
6,800.00	6,596.96	6,768.91	6,603.46	24.87	24.81	-108.77	191.68	-1,406.05	361.71	312.88	48.83	7.408	
6,900.00	6,671.20	6,883.20	6,715.19	25.23	24.89	-114.62	194.44	-1,382.89	385.74	337.85	47.89	8.055	
7,000.00	6,734.09	7,013.06	6,834.76	25.80	25.02	-120.07	197.35	-1,332.87	412.44	365.68	46.76	8.820	
7,100.00	6,784.06	7,162.69	6,956.59	26.64	25.37	-124.93	200.26	-1,246.66	438.72	392.98	45.74	9.592	
7,200.00	6,819.89	7,335.14	7,067.61	27.74	26.30	-128.87	202.84	-1,115.41	460.89	415.40	45.49	10.132	
7,300.00	6,840.69	7,529.04	7,145.38	29.08	28.24	-131.41	204.52	-938.61	475.05	428.08	46.96	10.116	
7,400.00	6,846.73	7,708.14	7,167.51	30.59	30.77	-132.12	204.82	-761.43	478.35	428.30	50.06	9.556	
7,500.00	6,849.06	7,808.14	7,169.54	32.30	32.44	-132.13	204.73	-661.45	477.83	425.26	52.58	9.088	
7,600.00	6,851.39	7,908.14	7,171.56	34.17	34.28	-132.13	204.63	-561.47	477.32	421.95	55.36	8.622	
7,700.00	6,853.71	8,008.13	7,173.59	36.20	36.27	-132.14	204.54	-461.49	476.80	418.43	58.37	8.169	
7,800.00	6,856.04	8,108.13	7,175.62	38.34	38.39	-132.15	204.45	-361.51	476.28	414.72	61.56	7.736	
7,900.00	6,858.37	8,208.13	7,177.65	40.59	40.60	-132.16	204.35	-261.54	475.76	410.85	64.92	7.329	
8,000.00	6,860.70	8,308.13	7,179.68	42.93	42.92	-132.16	204.26	-161.56	475.25	406.83	68.42	6.946	
8,100.00	6,863.03	8,408.13	7,181.71	45.34	45.31	-132.17	204.17	-61.58	474.73	402.70	72.03	6.591	
8,200.00	6,865.36	8,508.13	7,183.74	47.81	47.76	-132.18	204.07	38.40	474.21	398.47	75.74	6.261	
8,300.00	6,867.69	8,608.13	7,185.76	50.34	50.27	-132.19	203.98	138.38	473.69	394.16	79.53	5.956	
8,400.00	6,870.02	8,708.12	7,187.79	52.91	52.83	-132.19	203.88	238.36	473.18	389.77	83.40	5.673	
8,500.00	6,872.34	8,808.12	7,189.82	55.52	55.42	-132.20	203.79	338.33	472.66	385.32	87.34	5.412	
8,600.00	6,874.67	8,908.12	7,191.85	58.16	58.05	-132.21	203.70	438.31	472.14	380.82	91.32	5.170	
8,700.00	6,877.00	9,008.12	7,193.88	60.83	60.71	-132.22	203.60	538.29	471.62	376.26	95.36	4.946	
8,800.00	6,879.33	9,108.12	7,195.91	63.53	63.40	-132.23	203.51	638.27	471.11	371.67	99.44	4.738	
8,900.00	6,881.66	9,208.12	7,197.94	66.25	66.11	-132.23	203.42	738.25	470.59	367.03	103.56	4.544	
9,000.00	6,883.99	9,308.12	7,199.96	68.99	68.85	-132.24	203.32	838.22	470.07	362.37	107.70	4.364	
9,100.00	6,886.32	9,408.12	7,201.99	71.75	71.60	-132.25	203.23	938.20	469.55	357.67	111.88	4.197	
9,200.00	6,888.65	9,508.11	7,204.02	74.52	74.36	-132.26	203.14	1,038.18	469.04	352.95	116.08	4.040	
9,300.00	6,890.98	9,608.11	7,206.05	77.31	77.15	-132.27	203.04	1,138.16	468.52	348.21	120.31	3.894	
9,400.00	6,893.30	9,708.11	7,208.08	80.11	79.94	-132.27	202.95	1,238.14	468.00	343.45	124.55	3.757	
9,500.00	6,895.63	9,808.11	7,210.11	82.92	82.75	-132.28	202.85	1,338.11	467.48	338.66	128.82	3.629	
9,600.00	6,897.96	9,908.11	7,212.14	85.75	85.56	-132.29	202.76	1,438.09	466.97	333.87	133.10	3.508	
9,700.00	6,900.29	10,008.11	7,214.16	88.58	88.39	-132.30	202.67	1,538.07	466.45	329.06	137.39	3.395	
9,800.00	6,902.62	10,108.11	7,216.19	91.42	91.22	-132.30	202.57	1,638.05	465.93	324.23	141.70	3.288	
9,900.00	6,904.95	10,208.10	7,218.22	94.26	94.07	-132.31	202.48	1,738.03	465.41	319.39	146.02	3.187	
10,000.00	6,907.28	10,308.10	7,220.25	97.12	96.92	-132.32	202.39	1,838.00	464.90	314.54	150.35	3.092	
10,100.00	6,909.61	10,408.10	7,222.28	99.98	99.77	-132.33	202.29	1,937.98	464.38	309.69	154.69	3.002	
10,200.00	6,911.93	10,508.10	7,224.31	102.84	102.64	-132.34	202.20	2,037.96	463.86	304.82	159.04	2.917	
10,300.00	6,914.26	10,608.10	7,226.34	105.71	105.51	-132.34	202.10	2,137.94	463.34	299.94	163.40	2.836	
10,400.00	6,916.59	10,708.10	7,228.36	108.59	108.38	-132.35	202.01	2,237.92	462.83	295.06	167.77	2.759	
10,434.14	6,917.39	10,742.24	7,229.06	109.57	109.36	-132.35	201.98	2,272.05	462.74	293.46	169.28	2.734	
10,500.00	6,918.92	10,808.09	7,230.39	111.47	111.26	-132.27	201.92	2,337.89	463.38	290.97	172.41	2.688	
10,600.00	6,921.25	10,908.08	7,232.42	114.36	114.14	-132.11	201.82	2,437.85	464.36	287.18	177.18	2.621	
10,700.00	6,923.58	11,008.06	7,234.45	117.25	117.03	-131.95	201.73	2,537.82	465.34	283.36	181.97	2.557	
10,800.00	6,925.91	11,108.05	7,236.48	120.15	119.92	-131.79	201.64	2,637.79	466.32	279.53	186.79	2.497	
10,900.00	6,928.23	11,208.04	7,238.51	123.05	122.81	-131.64	201.54	2,737.75	467.31	275.68	191.63	2.439	
11,000.00	6,930.56	11,308.02	7,240.53	125.95	125.71	-131.48	201.45	2,837.72	468.30	271.81	196.49	2.383	
11,100.00	6,932.89	11,408.01	7,242.56	128.86	128.60	-131.32	201.36	2,937.68	469.30	267.93	201.37	2.331	
11,200.00	6,935.22	11,508.00	7,244.59	131.77	131.51	-131.17	201.26	3,037.65	470.30	264.03	206.27	2.280	
11,300.00	6,937.55	11,607.98	7,246.62	134.68	134.41	-131.01	201.17	3,137.62	471.30	260.11	211.19	2.232	
11,400.00	6,939.88	11,707.97	7,248.65	137.59	137.32	-130.86	201.07	3,237.58	472.30	256.17	216.13	2.185	
11,500.00	6,942.21	11,807.96	7,250.68	140.51	140.23	-130.71	200.98	3,337.55	473.31	252.22	221.10	2.141	
11,600.00	6,944.53	11,907.95	7,252.70	143.43	143.14	-130.55	200.89	3,437.52	474.33	248.25	226.08	2.098	
11,700.00	6,946.86	12,007.93	7,254.73	146.35	146.06	-130.40	200.79	3,537.48	475.34	244.27	231.07	2.057	
11,800.00	6,949.19	12,107.92	7,256.76	149.27	148.97	-130.25	200.70	3,637.45	476.36	240.27	236.09	2.018	
11,900.00	6,951.52	12,207.91	7,258.79	152.19	151.89	-130.10	200.61	3,737.41	477.38	236.26	241.12	1.980	
12,000.00	6,953.85	12,307.89	7,260.82	155.12	154.81	-129.95	200.51	3,837.38	478.41	232.24	246.17	1.943	
12,100.00	6,956.18	12,407.88	7,262.85	158.04	157.73	-129.80	200.42	3,937.35	479.44	228.20	251.24	1.908	
12,200.00	6,958.51	12,507.87	7,264.87	160.97	160.65	-129.65	200.33	4,037.31	480.47	224.15	256.33	1.874	
12,300.00	6,960.83	12,607.85	7,266.90	163.90	163.58	-129.50	200.23	4,137.28	481.51	220.08	261.43	1.842	
12,400.00	6,963.16	12,707.84	7,268.93	166.83	166.50	-129.35	200.14	4,237.25	482.55	216.00	266.54	1.810	
12,500.00	6,965.49	12,807.83	7,270.96	169.76	169.43	-129.21	200.04	4,337.21	483.59	211.91	271.68	1.780	
12,600.00	6,967.82	12,907.81	7,272.99	172.70	172.36	-129.06	199.95	4,437.18	484.63	207.81	276.83	1.751	
12,700.00	6,970.15	13,007.80	7,275.02	175.63	175.28	-128.91	199.86	4,537.15	485.68	203.69	281.99	1.722	
12,800.00	6,972.48	13,107.79	7,277.04	178.57	178.21	-128.77	199.76	4,637.11	486.73	199.56	287.17	1.695	
12,900.00	6,974.81	13,207.78	7,279.07	181.50	181.15	-128.62	199.67	4,737.08	487.79	195.42	292.36	1.668	



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						
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
13,000.00	6,977.13	13,307.76	7,281.10	184.44	184.08	-128.48	199.58	4,837.04	488.85	191.27	297.57	1.643	
13,100.00	6,979.46	13,407.75	7,283.13	187.38	187.01	-128.34	199.48	4,937.01	489.91	187.11	302.80	1.618	
13,200.00	6,981.79	13,507.74	7,285.16	190.32	189.95	-128.20	199.39	5,036.98	490.97	182.94	308.03	1.594	
13,300.00	6,984.12	13,607.72	7,287.19	193.26	192.88	-128.05	199.30	5,136.94	492.04	178.75	313.28	1.571	
13,400.00	6,986.45	13,707.71	7,289.21	196.20	195.82	-127.91	199.20	5,236.91	493.11	174.56	318.55	1.548	
13,500.00	6,988.78	13,807.70	7,291.24	199.14	198.75	-127.77	199.11	5,336.88	494.18	170.35	323.83	1.526	
13,600.00	6,991.11	13,907.68	7,293.27	202.09	201.69	-127.63	199.01	5,436.84	495.26	166.14	329.12	1.505	
13,700.00	6,993.43	14,007.67	7,295.30	205.03	204.63	-127.49	198.92	5,536.81	496.33	161.91	334.42	1.484	Level 3
13,800.00	6,995.76	14,107.66	7,297.33	207.97	207.57	-127.35	198.83	5,636.77	497.42	157.68	339.74	1.464	Level 3
13,900.00	6,998.09	14,207.64	7,299.36	210.92	210.51	-127.21	198.73	5,736.74	498.50	153.43	345.07	1.445	Level 3
14,000.00	7,000.42	14,307.63	7,301.38	213.86	213.45	-127.08	198.64	5,836.71	499.59	149.18	350.41	1.426	Level 3
14,100.00	7,002.75	14,407.62	7,303.41	216.81	216.39	-126.94	198.55	5,936.67	500.68	144.91	355.77	1.407	Level 3
14,200.00	7,005.08	14,507.60	7,305.44	219.75	219.33	-126.80	198.45	6,036.64	501.77	140.64	361.13	1.389	Level 3
14,300.00	7,007.41	14,607.59	7,307.47	222.70	222.27	-126.67	198.36	6,136.61	502.87	136.36	366.51	1.372	Level 3
14,400.00	7,009.73	14,707.58	7,309.50	225.65	225.21	-126.53	198.26	6,236.57	503.97	132.06	371.90	1.355	Level 3
14,500.00	7,012.06	14,807.57	7,311.53	228.60	228.15	-126.40	198.17	6,336.54	505.07	127.76	377.31	1.339	Level 3
14,600.00	7,014.39	14,907.55	7,313.55	231.55	231.10	-126.26	198.08	6,436.50	506.17	123.45	382.72	1.323	Level 3
14,700.00	7,016.72	15,007.54	7,315.58	234.49	234.04	-126.13	197.98	6,536.47	507.28	119.14	388.14	1.307	Level 3
14,800.00	7,019.05	15,107.53	7,317.61	237.44	236.99	-126.00	197.89	6,636.44	508.39	114.81	393.58	1.292	Level 3
14,900.00	7,021.38	15,207.51	7,319.64	240.39	239.93	-125.86	197.80	6,736.40	509.50	110.48	399.03	1.277	Level 3
15,000.00	7,023.71	15,307.50	7,321.67	243.34	242.88	-125.73	197.70	6,836.37	510.62	106.13	404.49	1.262	Level 3
15,100.00	7,026.04	15,407.49	7,323.70	246.30	245.82	-125.60	197.61	6,936.34	511.74	101.78	409.95	1.248	Level 2
15,200.00	7,028.36	15,507.47	7,325.72	249.25	248.77	-125.47	197.52	7,036.30	512.86	97.42	415.43	1.235	Level 2
15,300.00	7,030.69	15,607.46	7,327.75	252.20	251.71	-125.34	197.42	7,136.27	513.98	93.06	420.92	1.221	Level 2
15,400.00	7,033.02	15,707.45	7,329.78	255.15	254.66	-125.21	197.33	7,236.23	515.11	88.68	426.42	1.208	Level 2
15,500.00	7,035.35	15,807.43	7,331.81	258.10	257.61	-125.08	197.23	7,336.20	516.24	84.30	431.93	1.195	Level 2
15,600.00	7,037.68	15,907.42	7,333.84	261.05	260.56	-124.95	197.14	7,436.17	517.37	79.92	437.45	1.183	Level 2
15,700.00	7,040.01	16,007.41	7,335.87	264.01	263.50	-124.82	197.05	7,536.13	518.50	75.52	442.98	1.170	Level 2
15,800.00	7,042.34	16,107.40	7,337.89	266.96	266.45	-124.70	196.95	7,636.10	519.64	71.12	448.52	1.159	Level 2
15,900.00	7,044.66	16,207.38	7,339.92	269.91	269.40	-124.57	196.86	7,736.07	520.78	66.71	454.07	1.147	Level 2
16,000.00	7,046.99	16,307.37	7,341.95	272.87	272.35	-124.44	196.77	7,836.03	521.92	62.29	459.63	1.136	Level 2
16,100.00	7,049.32	16,407.36	7,343.98	275.82	275.30	-124.32	196.67	7,936.00	523.06	57.87	465.19	1.124	Level 2
16,200.00	7,051.65	16,507.34	7,346.01	278.78	278.25	-124.19	196.58	8,035.96	524.21	53.44	470.77	1.114	Level 2
16,300.00	7,053.98	16,607.33	7,348.04	281.73	281.20	-124.07	196.49	8,135.93	525.36	49.00	476.35	1.103	Level 2
16,400.00	7,056.31	16,707.32	7,350.06	284.69	284.15	-123.94	196.39	8,235.90	526.51	44.56	481.95	1.092	Level 2
16,500.00	7,058.64	16,807.30	7,352.09	287.64	287.10	-123.82	196.30	8,335.86	527.66	40.11	487.55	1.082	Level 2
16,600.00	7,060.96	16,907.29	7,354.12	290.60	290.05	-123.70	196.20	8,435.83	528.82	35.66	493.16	1.072	Level 2
16,700.00	7,063.29	17,007.28	7,356.15	293.55	293.00	-123.58	196.11	8,535.80	529.98	31.20	498.78	1.063	Level 2
16,800.00	7,065.62	17,107.26	7,358.18	296.51	295.95	-123.45	196.02	8,635.76	531.14	26.73	504.41	1.053	Level 2
16,900.00	7,067.95	17,207.25	7,360.21	299.46	298.90	-123.33	195.92	8,735.73	532.30	22.26	510.05	1.044	Level 2
17,000.00	7,070.28	17,307.24	7,362.23	302.42	301.85	-123.21	195.83	8,835.69	533.47	17.78	515.69	1.034	Level 2
17,100.00	7,072.61	17,407.22	7,364.26	305.38	304.80	-123.09	195.74	8,935.66	534.64	13.29	521.34	1.026	Level 2
17,200.00	7,074.94	17,507.21	7,366.29	308.33	307.76	-122.97	195.64	9,035.63	535.81	8.81	527.00	1.017	Level 2
17,300.00	7,077.26	17,607.20	7,368.32	311.29	310.71	-122.85	195.55	9,135.59	536.98	4.31	532.67	1.008	Level 2
17,331.95	7,078.01	17,639.14	7,368.97	312.23	311.65	-122.81	195.52	9,167.53	537.36	2.87	534.49	1.005	Level 2, ES, SF



Offset Design5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1													Offset Site Error:0.00 usft	
Survey Program:0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:3.28 usft	
Reference		Offset		Semi Major Axis			Distance						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	0.80	20.04	0.28	20.04					
100.00	100.00	100.00	100.00	3.28	3.28	0.80	20.04	0.28	20.04	12.51	7.53	2.662		
200.00	200.00	200.00	200.00	3.30	3.30	0.80	20.04	0.28	20.04	12.47	7.57	2.648		
200.00	200.00	200.00	200.00	3.30	3.30	0.80	20.04	0.28	20.04	12.47	7.57	2.648	CC	
300.00	300.00	300.01	300.01	3.34	3.34	96.29	20.03	-0.16	20.07	12.42	7.65	2.623		
400.00	399.93	400.04	399.97	3.40	3.41	96.23	19.95	-3.65	20.33	12.55	7.77	2.616		
500.00	499.68	500.06	499.74	3.49	3.49	96.11	19.79	-10.63	20.84	12.90	7.94	2.625		
600.00	599.13	600.08	599.21	3.60	3.60	95.95	19.55	-21.08	21.60	13.44	8.16	2.646		
700.00	698.15	700.10	698.25	3.74	3.75	95.75	19.24	-35.00	22.62	14.17	8.45	2.677		
800.00	796.63	800.11	796.74	3.93	3.93	95.52	18.84	-52.36	23.89	15.07	8.82	2.710		
900.00	894.44	900.12	894.55	4.16	4.16	95.27	18.37	-73.15	25.41	16.13	9.27	2.740		
1,000.00	991.50	1,000.11	991.68	4.44	4.44	95.60	17.83	-96.92	27.17	17.34	9.83	2.764		
1,100.00	1,088.37	1,100.09	1,088.69	4.76	4.75	96.69	17.28	-121.10	29.01	18.55	10.46	2.773		
1,200.00	1,185.24	1,200.08	1,185.70	5.11	5.10	97.64	16.73	-145.28	30.86	19.71	11.15	2.768		
1,300.00	1,282.11	1,300.06	1,282.72	5.49	5.46	98.49	16.18	-169.46	32.72	20.84	11.88	2.755		
1,400.00	1,378.97	1,400.04	1,379.73	5.88	5.85	99.25	15.64	-193.64	34.58	21.94	12.64	2.736		
1,500.00	1,475.84	1,500.02	1,476.74	6.29	6.25	99.93	15.09	-217.82	36.45	23.02	13.43	2.714		
1,600.00	1,572.71	1,600.00	1,573.75	6.71	6.66	100.54	14.54	-242.01	38.32	24.07	14.24	2.690		
1,700.00	1,669.57	1,699.98	1,670.76	7.14	7.08	101.09	13.99	-266.19	40.20	25.12	15.08	2.666		
1,800.00	1,766.44	1,800.03	1,767.77	7.38	7.31	101.60	13.44	-290.37	42.08	26.92	15.16	2.775		
1,900.00	1,863.31	1,900.05	1,864.79	7.46	7.38	102.06	12.89	-314.55	43.96	28.67	15.29	2.875		
2,000.00	1,960.17	2,000.07	1,961.80	7.56	7.48	102.49	12.34	-338.73	45.84	30.36	15.48	2.961		
2,100.00	2,057.04	2,100.09	2,058.81	7.70	7.61	102.88	11.79	-362.91	47.73	32.00	15.73	3.034		
2,200.00	2,153.91	2,200.11	2,155.82	7.86	7.77	103.24	11.25	-387.09	49.62	33.58	16.04	3.093		
2,300.00	2,250.78	2,300.13	2,252.83	8.05	7.96	103.57	10.70	-411.28	51.51	35.11	16.41	3.140		
2,400.00	2,347.64	2,400.14	2,349.84	8.27	8.17	103.89	10.15	-435.46	53.41	36.59	16.82	3.175		
2,500.00	2,444.51	2,500.16	2,446.86	8.52	8.41	104.18	9.60	-459.64	55.30	38.03	17.28	3.201		
2,600.00	2,541.38	2,600.18	2,543.87	8.78	8.66	104.45	9.05	-483.82	57.20	39.42	17.78	3.217		
2,700.00	2,638.24	2,700.20	2,640.88	9.06	8.94	104.70	8.50	-508.00	59.10	40.78	18.32	3.226		
2,800.00	2,735.11	2,800.22	2,737.89	9.37	9.23	104.94	7.95	-532.18	61.00	42.11	18.89	3.229		
2,900.00	2,831.98	2,900.24	2,834.90	9.69	9.54	105.16	7.40	-556.37	62.90	43.40	19.50	3.226		
3,000.00	2,928.84	3,000.25	2,931.92	10.02	9.87	105.37	6.86	-580.55	64.80	44.67	20.13	3.219		
3,100.00	3,025.71	3,100.27	3,028.93	10.37	10.20	105.57	6.31	-604.73	66.70	45.91	20.79	3.209		
3,200.00	3,122.58	3,200.29	3,125.94	10.73	10.55	105.76	5.76	-628.91	68.60	47.13	21.47	3.195		
3,300.00	3,219.45	3,300.31	3,222.95	11.10	10.91	105.93	5.21	-653.09	70.50	48.33	22.17	3.180		
3,400.00	3,316.31	3,400.33	3,319.96	11.48	11.28	106.10	4.66	-677.27	72.41	49.51	22.90	3.162		
3,500.00	3,413.18	3,500.35	3,416.97	11.87	11.66	106.26	4.11	-701.45	74.31	50.67	23.64	3.144		
3,600.00	3,510.05	3,600.36	3,513.99	12.27	12.05	106.41	3.56	-725.64	76.21	51.82	24.39	3.125		
3,700.00	3,606.91	3,700.38	3,611.00	12.67	12.44	106.55	3.01	-749.82	78.12	52.96	25.16	3.105		
3,800.00	3,703.78	3,800.40	3,708.01	13.08	12.84	106.69	2.47	-774.00	80.02	54.08	25.94	3.085		
3,900.00	3,800.65	3,900.42	3,805.02	13.50	13.25	106.82	1.92	-798.18	81.93	55.20	26.73	3.065		
4,000.00	3,897.51	4,000.44	3,902.03	13.92	13.66	106.95	1.37	-822.36	83.84	56.30	27.54	3.044		
4,100.00	3,994.38	4,100.46	3,999.05	14.35	14.08	107.07	0.82	-846.54	85.74	57.39	28.35	3.024		
4,200.00	4,091.25	4,200.47	4,096.06	14.78	14.50	107.18	0.27	-870.73	87.65	58.48	29.17	3.004		
4,300.00	4,188.11	4,300.49	4,193.07	15.22	14.92	107.29	-0.28	-894.91	89.56	59.55	30.00	2.985		
4,400.00	4,284.98	4,400.51	4,290.08	15.66	15.35	107.39	-0.83	-919.09	91.47	60.62	30.84	2.966		
4,500.00	4,381.85	4,500.53	4,387.09	16.11	15.79	107.49	-1.38	-943.27	93.37	61.69	31.69	2.947		
4,600.00	4,478.72	4,600.55	4,484.10	16.55	16.22	107.59	-1.92	-967.45	95.28	62.75	32.54	2.929		
4,700.00	4,575.58	4,700.57	4,581.12	17.00	16.66	107.68	-2.47	-991.63	97.19	63.80	33.39	2.911		
4,800.00	4,672.45	4,800.58	4,678.13	17.46	17.10	107.77	-3.02	-1,015.81	99.10	64.85	34.25	2.893		
4,900.00	4,769.32	4,900.60	4,775.14	17.91	17.55	107.86	-3.57	-1,040.00	101.01	65.89	35.12	2.876		
5,000.00	4,866.18	5,000.62	4,872.15	18.37	18.00	107.94	-4.12	-1,064.18	102.92	66.93	35.99	2.860		
5,100.00	4,963.05	5,100.64	4,969.16	18.83	18.44	108.02	-4.67	-1,088.36	104.83	67.96	36.86	2.844		
5,200.00	5,059.92	5,200.66	5,066.17	19.29	18.90	108.09	-5.22	-1,112.54	106.74	68.99	37.74	2.828		
5,300.00	5,156.78	5,300.68	5,163.19	19.76	19.35	108.17	-5.77	-1,136.72	108.65	70.02	38.62	2.813		
5,400.00	5,253.65	5,400.69	5,260.20	20.22	19.80	108.24	-6.31	-1,160.90	110.56	71.05	39.51	2.798		
5,500.00	5,350.52	5,500.71	5,357.21	20.69	20.26	108.31	-6.86	-1,185.09	112.47	72.07	40.40	2.784		
5,600.00	5,447.39	5,600.73	5,454.22	21.16	20.72	108.37	-7.41	-1,209.27	114.38	73.09	41.29	2.770		
5,700.00	5,544.25	5,700.75	5,551.23	21.63	21.18	108.44	-7.96	-1,233.45	116.29	74.10	42.18	2.757		
5,800.00	5,641.12	5,800.77	5,648.25	22.10	21.64	108.50	-8.51	-1,257.63	118.20	75.12	43.08	2.744		
5,900.00	5,737.99	5,900.79	5,745.26	22.58	22.10	108.56	-9.06	-1,281.81	120.11	76.13	43.98	2.731		
6,000.00	5,834.85	6,000.80	5,842.27	23.05	22.56	108.62	-9.61	-1,305.99	122.02	77.14	44.88	2.719		
6,100.00	5,931.72	6,100.82	5,939.28	23.53	23.03	108.68	-10.16	-1,330.17	123.93	78.15	45.78	2.707		
6,200.00	6,028.59	6,200.84	6,036.29	24.00	23.49	108.73	-10.70	-1,354.36	125.84	79.15	46.69	2.695		
6,300.00	6,126.39	6,298.99	6,133.16	24.31	23.95	111.63	-11.25	-1,378.50	126.79	79.10	47.70	2.658		
6,381.39	6,207.52	6,378.60	6,210.52	24.42	24.29	176.86	-11.69	-1,397.26	126.27	77.47	48.80	2.588		



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
6,400.00	6,226.12	6,396.57	6,228.17	24.44	24.35	-128.87	-11.79	-1,400.65	126.32	77.31	49.01	2.577	
6,500.00	6,325.45	6,494.91	6,325.93	24.51	24.51	-102.52	-12.36	-1,410.32	128.44	78.86	49.58	2.590	
6,600.00	6,421.92	6,596.50	6,427.24	24.57	24.59	-107.48	-12.97	-1,404.40	133.51	84.10	49.41	2.702	
6,700.00	6,513.18	6,701.63	6,529.70	24.67	24.66	-113.69	-13.61	-1,381.40	140.99	92.36	48.63	2.899	
6,800.00	6,596.96	6,810.51	6,630.32	24.87	24.76	-119.40	-14.26	-1,340.18	150.01	102.54	47.47	3.160	
6,900.00	6,671.20	6,923.22	6,725.52	25.23	24.98	-124.20	-14.90	-1,280.11	159.58	113.39	46.19	3.455	
7,000.00	6,734.09	7,039.67	6,811.17	25.80	25.41	-128.02	-15.51	-1,201.45	168.72	123.59	45.13	3.738	
7,100.00	6,784.06	7,159.51	6,882.85	26.64	26.18	-130.89	-16.05	-1,105.64	176.54	131.87	44.67	3.952	
7,200.00	6,819.89	7,282.14	6,936.32	27.74	27.35	-132.87	-16.50	-995.49	182.31	137.20	45.12	4.041	
7,300.00	6,840.69	7,406.68	6,968.02	29.08	28.92	-134.01	-16.84	-875.25	185.51	138.88	46.63	3.979	
7,400.00	6,846.73	7,524.52	6,976.64	30.59	30.70	-134.34	-17.03	-757.86	185.90	136.90	49.00	3.794	
7,500.00	6,849.06	7,624.51	6,978.79	32.30	32.40	-134.40	-17.17	-657.89	185.44	134.00	51.44	3.605	
7,600.00	6,851.39	7,724.51	6,980.93	34.17	34.26	-134.46	-17.30	-557.91	184.98	130.85	54.13	3.417	
7,700.00	6,853.71	7,824.51	6,983.08	36.20	36.27	-134.52	-17.43	-457.94	184.52	127.50	57.02	3.236	
7,800.00	6,856.04	7,924.51	6,985.23	38.34	38.41	-134.58	-17.57	-357.96	184.06	123.97	60.09	3.063	
7,900.00	6,858.37	8,024.51	6,987.38	40.59	40.65	-134.65	-17.70	-257.98	183.60	120.29	63.31	2.900	
8,000.00	6,860.70	8,124.51	6,989.53	42.93	42.98	-134.71	-17.84	-158.01	183.14	116.50	66.65	2.748	
8,100.00	6,863.03	8,224.51	6,991.68	45.34	45.38	-134.77	-17.97	-58.03	182.69	112.59	70.09	2.606	
8,200.00	6,865.36	8,324.51	6,993.82	47.81	47.84	-134.84	-18.10	41.94	182.23	108.60	73.63	2.475	
8,300.00	6,867.69	8,424.50	6,995.97	50.34	50.36	-134.90	-18.24	141.92	181.77	104.54	77.23	2.354	
8,400.00	6,870.02	8,524.50	6,998.12	52.91	52.93	-134.96	-18.37	241.89	181.31	100.41	80.90	2.241	
8,500.00	6,872.34	8,624.50	7,000.27	55.52	55.53	-135.03	-18.51	341.87	180.85	96.23	84.63	2.137	
8,600.00	6,874.67	8,724.50	7,002.42	58.16	58.17	-135.09	-18.64	441.84	180.40	92.00	88.40	2.041	
8,700.00	6,877.00	8,824.50	7,004.57	60.83	60.84	-135.16	-18.77	541.82	179.94	87.73	92.20	1.952	
8,800.00	6,879.33	8,924.50	7,006.72	63.53	63.54	-135.22	-18.91	641.80	179.48	83.44	96.05	1.869	
8,900.00	6,881.66	9,024.50	7,008.86	66.25	66.25	-135.29	-19.04	741.77	179.02	79.11	99.91	1.792	
9,000.00	6,883.99	9,124.50	7,011.01	68.99	68.99	-135.35	-19.18	841.75	178.57	74.76	103.81	1.720	
9,100.00	6,886.32	9,224.49	7,013.16	71.75	71.75	-135.42	-19.31	941.72	178.11	70.40	107.72	1.654	
9,200.00	6,888.65	9,324.49	7,015.31	74.52	74.52	-135.48	-19.44	1,041.70	177.66	66.01	111.64	1.591	
9,300.00	6,890.98	9,424.49	7,017.46	77.31	77.31	-135.55	-19.58	1,141.67	177.20	61.61	115.59	1.533	
9,400.00	6,893.30	9,524.49	7,019.61	80.11	80.10	-135.62	-19.71	1,241.65	176.74	57.21	119.54	1.479 Level 3	
9,500.00	6,895.63	9,624.49	7,021.75	82.92	82.92	-135.69	-19.85	1,341.62	176.29	52.79	123.50	1.427 Level 3	
9,600.00	6,897.96	9,724.49	7,023.90	85.75	85.74	-135.75	-19.98	1,441.60	175.83	48.36	127.47	1.379 Level 3	
9,700.00	6,900.29	9,824.49	7,026.05	88.58	88.57	-135.82	-20.12	1,541.58	175.38	43.93	131.45	1.334 Level 3	
9,800.00	6,902.62	9,924.49	7,028.20	91.42	91.40	-135.89	-20.25	1,641.55	174.93	39.50	135.42	1.292 Level 3	
9,900.00	6,904.95	10,024.48	7,030.35	94.26	94.25	-135.96	-20.38	1,741.53	174.47	35.06	139.41	1.252 Level 3	
10,000.00	6,907.28	10,124.48	7,032.50	97.12	97.10	-136.03	-20.52	1,841.50	174.02	30.63	143.39	1.214 Level 2	
10,100.00	6,909.61	10,224.48	7,034.64	99.98	99.96	-136.10	-20.65	1,941.48	173.56	26.19	147.38	1.178 Level 2	
10,200.00	6,911.93	10,324.48	7,036.79	102.84	102.83	-136.17	-20.79	2,041.45	173.11	21.75	151.36	1.144 Level 2	
10,300.00	6,914.26	10,424.48	7,038.94	105.71	105.70	-136.24	-20.92	2,141.43	172.66	17.31	155.34	1.111 Level 2	
10,400.00	6,916.59	10,524.48	7,041.09	108.59	108.57	-136.31	-21.05	2,241.41	172.20	12.88	159.32	1.081 Level 2	
10,431.92	6,917.33	10,556.40	7,041.78	109.51	109.49	-136.31	-21.10	2,273.32	172.13	11.48	160.66	1.071 Level 2	
10,500.00	6,918.92	10,624.47	7,043.24	111.47	111.45	-136.06	-21.19	2,341.37	172.75	8.63	164.12	1.053 Level 2	
10,600.00	6,921.25	10,724.46	7,045.39	114.36	114.34	-135.65	-21.32	2,441.34	173.70	4.42	169.28	1.026 Level 2	
10,700.00	6,923.58	10,824.45	7,047.53	117.25	117.23	-135.25	-21.46	2,541.30	174.66	0.17	174.49	1.001 Level 2	
10,800.00	6,925.91	10,924.43	7,049.68	120.15	120.12	-134.85	-21.59	2,641.27	175.63	-4.10	179.73	0.977 Level 1	
10,900.00	6,928.23	11,024.42	7,051.83	123.05	123.01	-134.45	-21.72	2,741.23	176.61	-8.41	185.01	0.955 Level 1	
11,000.00	6,930.56	11,124.41	7,053.98	125.95	125.91	-134.06	-21.86	2,841.20	177.59	-12.74	190.33	0.933 Level 1	
11,100.00	6,932.89	11,224.40	7,056.13	128.86	128.81	-133.67	-21.99	2,941.16	178.58	-17.10	195.69	0.913 Level 1	
11,200.00	6,935.22	11,324.39	7,058.28	131.77	131.72	-133.29	-22.13	3,041.13	179.59	-21.49	201.08	0.893 Level 1	
11,300.00	6,937.55	11,424.37	7,060.42	134.68	134.62	-132.91	-22.26	3,141.09	180.60	-25.91	206.50	0.875 Level 1	
11,400.00	6,939.88	11,524.36	7,062.57	137.59	137.53	-132.53	-22.39	3,241.06	181.61	-30.35	211.96	0.857 Level 1	
11,500.00	6,942.21	11,624.35	7,064.72	140.51	140.44	-132.16	-22.53	3,341.02	182.64	-34.81	217.45	0.840 Level 1	
11,600.00	6,944.53	11,724.34	7,066.87	143.43	143.36	-131.80	-22.66	3,440.99	183.67	-39.29	222.97	0.824 Level 1	
11,700.00	6,946.86	11,824.32	7,069.02	146.35	146.27	-131.44	-22.80	3,540.95	184.71	-43.80	228.51	0.808 Level 1	
11,800.00	6,949.19	11,924.31	7,071.16	149.27	149.19	-131.08	-22.93	3,640.92	185.76	-48.33	234.09	0.794 Level 1	
11,900.00	6,951.52	12,024.30	7,073.31	152.19	152.11	-130.72	-23.06	3,740.88	186.81	-52.88	239.69	0.779 Level 1	
12,000.00	6,953.85	12,124.29	7,075.46	155.12	155.03	-130.37	-23.20	3,840.84	187.87	-57.44	245.32	0.766 Level 1	
12,100.00	6,956.18	12,224.28	7,077.61	158.04	157.95	-130.03	-23.33	3,940.81	188.94	-62.03	250.97	0.753 Level 1	
12,200.00	6,958.51	12,324.26	7,079.76	160.97	160.87	-129.68	-23.47	4,040.77	190.02	-66.63	256.65	0.740 Level 1	
12,300.00	6,960.83	12,424.25	7,081.90	163.90	163.80	-129.35	-23.60	4,140.74	191.10	-71.25	262.35	0.728 Level 1	
12,400.00	6,963.16	12,524.24	7,084.05	166.83	166.72	-129.01	-23.74	4,240.70	192.19	-75.88	268.07	0.717 Level 1	
12,500.00	6,965.49	12,624.23	7,086.20	169.76	169.65	-128.68	-23.87	4,340.67	193.28	-80.53	273.81	0.706 Level 1	
12,600.00	6,967.82	12,724.22	7,088.35	172.70	172.58	-128.35	-24.00	4,440.63	194.39	-85.19	279.58	0.695 Level 1	
12,700.00	6,970.15	12,824.20	7,090.50	175.63	175.51	-128.03	-24.14	4,540.60	195.49	-89.87	285.36	0.685 Level 1	
12,800.00	6,972.48	12,924.19	7,092.65	178.57	178.44	-127.71	-24.27	4,640.56	196.61	-94.56	291.17	0.675 Level 1	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 41N-8B-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							
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
12,900.00	6,974.81	13,024.18	7,094.79	181.50	181.37	-127.39	-24.41	4,740.53	197.73	-99.26	296.99	0.666	Level 1
13,000.00	6,977.13	13,124.17	7,096.94	184.44	184.31	-127.08	-24.54	4,840.49	198.85	-103.98	302.83	0.657	Level 1
13,100.00	6,979.46	13,224.15	7,099.09	187.38	187.24	-126.77	-24.67	4,940.46	199.98	-108.70	308.69	0.648	Level 1
13,200.00	6,981.79	13,324.14	7,101.24	190.32	190.17	-126.47	-24.81	5,040.42	201.12	-113.44	314.56	0.639	Level 1
13,300.00	6,984.12	13,424.13	7,103.39	193.26	193.11	-126.17	-24.94	5,140.38	202.26	-118.18	320.45	0.631	Level 1
13,400.00	6,986.45	13,524.12	7,105.53	196.20	196.05	-125.87	-25.08	5,240.35	203.41	-122.94	326.35	0.623	Level 1
13,500.00	6,988.78	13,624.11	7,107.68	199.14	198.98	-125.57	-25.21	5,340.31	204.57	-127.70	332.27	0.616	Level 1
13,600.00	6,991.11	13,724.09	7,109.83	202.09	201.92	-125.28	-25.34	5,440.28	205.73	-132.48	338.20	0.608	Level 1
13,700.00	6,993.43	13,824.08	7,111.98	205.03	204.86	-124.99	-25.48	5,540.24	206.89	-137.26	344.15	0.601	Level 1
13,800.00	6,995.76	13,924.07	7,114.13	207.97	207.80	-124.71	-25.61	5,640.21	208.06	-142.05	350.11	0.594	Level 1
13,900.00	6,998.09	14,024.06	7,116.28	210.92	210.74	-124.42	-25.75	5,740.17	209.24	-146.84	356.08	0.588	Level 1
14,000.00	7,000.42	14,124.04	7,118.42	213.86	213.68	-124.14	-25.88	5,840.14	210.42	-151.65	362.06	0.581	Level 1
14,100.00	7,002.75	14,224.03	7,120.57	216.81	216.62	-123.87	-26.01	5,940.10	211.60	-156.45	368.06	0.575	Level 1
14,200.00	7,005.08	14,324.02	7,122.72	219.75	219.56	-123.59	-26.15	6,040.07	212.79	-161.27	374.06	0.569	Level 1
14,300.00	7,007.41	14,424.01	7,124.87	222.70	222.51	-123.33	-26.28	6,140.03	213.99	-166.09	380.08	0.563	Level 1
14,400.00	7,009.73	14,524.00	7,127.02	225.65	225.45	-123.06	-26.42	6,240.00	215.19	-170.92	386.10	0.557	Level 1
14,500.00	7,012.06	14,623.98	7,129.16	228.60	228.39	-122.79	-26.55	6,339.96	216.39	-175.75	392.14	0.552	Level 1
14,600.00	7,014.39	14,723.97	7,131.31	231.55	231.34	-122.53	-26.68	6,439.93	217.60	-180.59	398.18	0.546	Level 1
14,700.00	7,016.72	14,823.96	7,133.46	234.49	234.28	-122.28	-26.82	6,539.89	218.81	-185.43	404.24	0.541	Level 1
14,800.00	7,019.05	14,923.95	7,135.61	237.44	237.22	-122.02	-26.95	6,639.85	220.03	-190.27	410.30	0.536	Level 1
14,900.00	7,021.38	15,023.94	7,137.76	240.39	240.17	-121.77	-27.09	6,739.82	221.25	-195.12	416.37	0.531	Level 1
15,000.00	7,023.71	15,123.92	7,139.91	243.34	243.12	-121.52	-27.22	6,839.78	222.48	-199.97	422.45	0.527	Level 1
15,100.00	7,026.04	15,223.91	7,142.05	246.30	246.06	-121.27	-27.35	6,939.75	223.71	-204.83	428.53	0.522	Level 1
15,200.00	7,028.36	15,323.90	7,144.20	249.25	249.01	-121.03	-27.49	7,039.71	224.94	-209.68	434.63	0.518	Level 1
15,300.00	7,030.69	15,423.89	7,146.35	252.20	251.96	-120.79	-27.62	7,139.68	226.18	-214.55	440.72	0.513	Level 1
15,400.00	7,033.02	15,523.87	7,148.50	255.15	254.90	-120.55	-27.76	7,239.64	227.42	-219.41	446.83	0.509	Level 1
15,500.00	7,035.35	15,623.86	7,150.65	258.10	257.85	-120.31	-27.89	7,339.61	228.67	-224.27	452.94	0.505	Level 1
15,600.00	7,037.68	15,723.85	7,152.79	261.05	260.80	-120.08	-28.03	7,439.57	229.92	-229.14	459.06	0.501	Level 1
15,700.00	7,040.01	15,823.84	7,154.94	264.01	263.75	-119.85	-28.16	7,539.54	231.17	-234.01	465.18	0.497	Level 1
15,800.00	7,042.34	15,923.83	7,157.09	266.96	266.69	-119.62	-28.29	7,639.50	232.43	-238.88	471.31	0.493	Level 1
15,900.00	7,044.66	16,023.81	7,159.24	269.91	269.64	-119.39	-28.43	7,739.47	233.69	-243.75	477.45	0.489	Level 1
16,000.00	7,046.99	16,123.80	7,161.39	272.87	272.59	-119.17	-28.56	7,839.43	234.96	-248.63	483.58	0.486	Level 1
16,100.00	7,049.32	16,223.79	7,163.54	275.82	275.54	-118.94	-28.70	7,939.39	236.22	-253.50	489.73	0.482	Level 1
16,200.00	7,051.65	16,323.78	7,165.68	278.78	278.49	-118.73	-28.83	8,039.36	237.50	-258.38	495.87	0.479	Level 1
16,300.00	7,053.98	16,423.76	7,167.83	281.73	281.44	-118.51	-28.96	8,139.32	238.77	-263.26	502.03	0.476	Level 1
16,400.00	7,056.31	16,523.75	7,169.98	284.69	284.39	-118.29	-29.10	8,239.29	240.05	-268.13	508.18	0.472	Level 1
16,500.00	7,058.64	16,623.74	7,172.13	287.64	287.34	-118.08	-29.23	8,339.25	241.33	-273.01	514.34	0.469	Level 1
16,600.00	7,060.96	16,723.73	7,174.28	290.60	290.29	-117.87	-29.37	8,439.22	242.62	-277.89	520.50	0.466	Level 1
16,700.00	7,063.29	16,823.72	7,176.42	293.55	293.24	-117.67	-29.50	8,539.18	243.90	-282.77	526.67	0.463	Level 1
16,800.00	7,065.62	16,923.70	7,178.57	296.51	296.20	-117.46	-29.63	8,639.15	245.20	-287.64	532.84	0.460	Level 1
16,900.00	7,067.95	17,023.69	7,180.72	299.46	299.15	-117.26	-29.77	8,739.11	246.49	-292.52	539.01	0.457	Level 1
17,000.00	7,070.28	17,123.68	7,182.87	302.42	302.10	-117.06	-29.90	8,839.08	247.79	-297.40	545.19	0.455	Level 1
17,100.00	7,072.61	17,223.67	7,185.02	305.38	305.05	-116.86	-30.04	8,939.04	249.09	-302.28	551.37	0.452	Level 1
17,200.00	7,074.94	17,323.65	7,187.17	308.33	308.00	-116.66	-30.17	9,039.01	250.39	-307.15	557.55	0.449	Level 1
17,300.00	7,077.26	17,423.64	7,189.31	311.29	310.96	-116.46	-30.30	9,138.97	251.70	-312.03	563.73	0.446	Level 1
17,331.95	7,078.01	17,455.59	7,190.00	312.23	311.90	-116.40	-30.35	9,170.91	252.12	-313.59	565.71	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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
0.00	0.00	0.00	0.00	3.28	3.28	0.53	59.74	0.56	59.75				
100.00	100.00	100.00	100.00	3.28	3.28	0.53	59.74	0.56	59.75	52.22	7.53	7.938	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	59.74	0.56	59.75	52.18	7.57	7.894	
200.00	200.00	200.00	200.00	3.30	3.30	0.53	59.74	0.56	59.75	52.18	7.57	7.894	CC, ES
300.00	300.00	299.75	299.75	3.34	3.34	96.04	59.85	0.14	59.90	52.24	7.65	7.827	
400.00	399.93	399.25	399.19	3.40	3.41	96.11	60.70	-3.21	61.08	53.31	7.77	7.859	
500.00	499.68	498.72	498.41	3.49	3.49	96.23	62.39	-9.90	63.46	55.52	7.94	7.992	
600.00	599.13	598.14	597.28	3.60	3.60	96.40	64.93	-19.92	67.01	58.85	8.16	8.210	
700.00	698.15	697.48	695.67	3.74	3.75	96.59	68.30	-33.26	71.75	63.30	8.45	8.492	
800.00	796.63	796.74	793.43	3.93	3.93	96.78	72.50	-49.87	77.66	68.85	8.81	8.815	
900.00	894.44	895.88	890.43	4.16	4.15	96.97	77.53	-69.73	84.73	75.47	9.26	9.151	
1,000.00	991.50	1,004.90	986.77	4.44	4.45	97.18	83.34	-92.70	92.90	83.07	9.84	9.445	
1,100.00	1,088.37	1,105.25	1,083.33	4.76	4.77	97.46	89.38	-116.56	101.36	90.89	10.47	9.680	
1,200.00	1,185.24	1,194.39	1,179.88	5.11	5.08	97.69	95.42	-140.42	109.82	98.69	11.12	9.874	
1,300.00	1,282.11	1,305.97	1,276.43	5.49	5.48	97.89	101.46	-164.28	118.27	106.38	11.90	9.941	
1,400.00	1,378.97	1,406.33	1,372.99	5.88	5.87	98.06	107.49	-188.14	126.73	114.06	12.67	10.003	
1,500.00	1,475.84	1,506.69	1,469.54	6.29	6.27	98.22	113.53	-212.00	135.19	121.72	13.47	10.035	
1,600.00	1,572.71	1,607.05	1,566.09	6.71	6.69	98.35	119.57	-235.86	143.65	129.35	14.30	10.046	
1,700.00	1,669.57	1,707.41	1,662.65	7.14	7.10	98.47	125.60	-259.72	152.12	136.98	15.13	10.052	
1,800.00	1,766.44	1,807.77	1,759.20	7.38	7.33	98.57	131.64	-283.58	160.58	145.36	15.22	10.553	
1,900.00	1,863.31	1,908.13	1,855.75	7.46	7.40	98.67	137.68	-307.44	169.04	153.68	15.36	11.006	
2,000.00	1,960.17	1,991.51	1,952.31	7.56	7.49	98.76	143.72	-331.30	177.51	161.96	15.55	11.418	
2,100.00	2,057.04	2,108.85	2,048.86	7.70	7.64	98.83	149.75	-355.15	185.97	170.14	15.83	11.745	
2,200.00	2,153.91	2,209.21	2,145.41	7.86	7.81	98.91	155.79	-379.01	194.43	178.27	16.16	12.033	
2,300.00	2,250.78	2,290.44	2,241.97	8.05	7.96	98.97	161.83	-402.87	202.90	186.40	16.50	12.297	
2,400.00	2,347.64	2,409.92	2,338.52	8.27	8.22	99.03	167.87	-426.73	211.36	194.39	16.97	12.456	
2,500.00	2,444.51	2,489.72	2,435.08	8.52	8.41	99.09	173.90	-450.59	219.83	202.43	17.40	12.637	
2,600.00	2,541.38	2,589.36	2,531.63	8.78	8.66	99.14	179.94	-474.45	228.29	210.38	17.91	12.747	
2,700.00	2,638.24	2,689.00	2,628.18	9.06	8.94	99.19	185.98	-498.31	236.76	218.29	18.46	12.823	
2,800.00	2,735.11	2,788.64	2,724.74	9.37	9.23	99.23	192.01	-522.17	245.22	226.17	19.05	12.871	
2,900.00	2,831.98	2,888.28	2,821.29	9.69	9.54	99.27	198.05	-546.03	253.69	234.02	19.67	12.895	
3,000.00	2,928.84	2,987.92	2,917.84	10.02	9.87	99.31	204.09	-569.89	262.15	241.83	20.32	12.899	
3,100.00	3,025.71	3,087.56	3,014.40	10.37	10.20	99.35	210.13	-593.75	270.62	249.62	21.00	12.886	
3,200.00	3,122.58	3,187.20	3,110.95	10.73	10.55	99.38	216.16	-617.61	279.09	257.38	21.70	12.859	
3,300.00	3,219.45	3,286.84	3,207.50	11.10	10.91	99.41	222.20	-641.46	287.55	265.13	22.43	12.822	
3,400.00	3,316.31	3,386.49	3,304.06	11.48	11.28	99.45	228.24	-665.32	296.02	272.85	23.17	12.777	
3,500.00	3,413.18	3,486.13	3,400.61	11.87	11.66	99.47	234.28	-689.18	304.48	280.55	23.93	12.724	
3,600.00	3,510.05	3,585.77	3,497.16	12.27	12.05	99.50	240.31	-713.04	312.95	288.24	24.71	12.667	
3,700.00	3,606.91	3,685.41	3,593.72	12.67	12.45	99.53	246.35	-736.90	321.42	295.92	25.50	12.606	
3,800.00	3,703.78	3,785.05	3,690.27	13.08	12.85	99.55	252.39	-760.76	329.88	303.58	26.30	12.543	
3,900.00	3,800.65	3,884.69	3,786.83	13.50	13.25	99.57	258.43	-784.62	338.35	311.23	27.12	12.477	
4,000.00	3,897.51	3,984.33	3,883.38	13.92	13.67	99.60	264.46	-808.48	346.82	318.87	27.94	12.411	
4,100.00	3,994.38	4,083.97	3,979.93	14.35	14.08	99.62	270.50	-832.34	355.28	326.50	28.78	12.344	
4,200.00	4,091.25	4,183.61	4,076.49	14.78	14.51	99.64	276.54	-856.20	363.75	334.12	29.63	12.277	
4,300.00	4,188.11	4,283.25	4,173.04	15.22	14.93	99.66	282.57	-880.06	372.22	341.73	30.48	12.211	
4,400.00	4,284.98	4,382.89	4,269.59	15.66	15.36	99.68	288.61	-903.92	380.68	349.34	31.34	12.145	
4,500.00	4,381.85	4,482.53	4,366.15	16.11	15.80	99.69	294.65	-927.78	389.15	356.94	32.21	12.080	
4,600.00	4,478.72	4,582.18	4,462.70	16.55	16.24	99.71	300.69	-951.63	397.62	364.53	33.09	12.017	
4,700.00	4,575.58	4,681.82	4,559.25	17.00	16.68	99.73	306.72	-975.49	406.08	372.11	33.97	11.954	
4,800.00	4,672.45	4,781.46	4,655.81	17.46	17.12	99.74	312.76	-999.35	414.55	379.69	34.86	11.893	
4,900.00	4,769.32	4,881.10	4,752.36	17.91	17.56	99.76	318.80	-1,023.21	423.02	387.27	35.75	11.833	
5,000.00	4,866.18	4,980.74	4,848.91	18.37	18.01	99.77	324.84	-1,047.07	431.48	394.84	36.65	11.774	
5,100.00	4,963.05	5,080.38	4,945.47	18.83	18.46	99.78	330.87	-1,070.93	439.95	402.40	37.55	11.717	
5,200.00	5,059.92	5,180.02	5,042.02	19.29	18.91	99.80	336.91	-1,094.79	448.42	409.96	38.45	11.661	
5,300.00	5,156.78	5,279.66	5,138.58	19.76	19.37	99.81	342.95	-1,118.65	456.88	417.52	39.36	11.607	
5,400.00	5,253.65	5,379.30	5,235.13	20.22	19.82	99.82	348.98	-1,142.51	465.35	425.07	40.27	11.554	
5,500.00	5,350.52	5,478.94	5,331.68	20.69	20.28	99.83	355.02	-1,166.37	473.82	432.63	41.19	11.503	
5,600.00	5,447.39	5,578.58	5,428.24	21.16	20.74	99.84	361.06	-1,190.23	482.28	440.17	42.11	11.453	
5,700.00	5,544.25	5,678.23	5,524.79	21.63	21.20	99.86	367.10	-1,214.09	490.75	447.72	43.03	11.405	
5,800.00	5,641.12	5,777.87	5,621.34	22.10	21.66	99.87	373.13	-1,237.95	499.22	455.26	43.96	11.357	
5,900.00	5,737.99	5,877.51	5,717.90	22.58	22.12	99.88	379.17	-1,261.80	507.68	462.80	44.88	11.311	
6,000.00	5,834.85	5,977.15	5,814.45	23.05	22.59	99.89	385.21	-1,285.66	516.15	470.34	45.81	11.267	
6,100.00	5,931.72	6,076.79	5,911.00	23.53	23.05	99.90	391.25	-1,309.52	524.62	477.88	46.74	11.223	
6,200.00	6,028.59	6,176.43	6,007.56	24.00	23.52	99.91	397.28	-1,333.38	533.09	485.41	47.68	11.181	
6,300.00	6,126.39	6,275.93	6,103.97	24.31	23.99	104.75	403.31	-1,357.21	541.21	492.75	48.46	11.168	
6,400.00	6,226.12	6,373.68	6,198.70	24.44	24.45	-129.28	409.24	-1,380.61	548.49	499.41	49.08	11.176	



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	6,325.45	6,468.37	6,290.60	24.51	24.84	-96.77	414.96	-1,402.63	556.25	506.74	49.51	11.235	
6,600.00	6,421.92	6,567.41	6,388.69	24.57	25.02	-96.33	420.69	-1,414.29	565.62	515.97	49.65	11.392	
6,700.00	6,513.18	6,673.30	6,494.20	24.67	25.13	-98.00	426.32	-1,409.78	576.36	526.68	49.68	11.601	
6,800.00	6,596.96	6,787.33	6,605.33	24.87	25.21	-100.21	431.63	-1,385.44	587.91	538.22	49.69	11.831	
6,900.00	6,671.20	6,910.77	6,718.67	25.23	25.33	-102.55	436.30	-1,337.24	599.47	549.66	49.81	12.035	
7,000.00	6,734.09	7,044.52	6,828.51	25.80	25.63	-104.79	439.90	-1,261.46	610.01	559.78	50.23	12.145	
7,100.00	6,784.06	7,188.56	6,926.38	26.64	26.31	-106.75	441.92	-1,156.21	618.34	567.08	51.25	12.065	
7,200.00	6,819.89	7,341.42	7,001.67	27.74	27.57	-108.24	441.83	-1,023.60	623.27	570.06	53.20	11.715	
7,300.00	6,840.69	7,499.77	7,044.15	29.08	29.51	-109.07	439.33	-871.49	623.89	567.66	56.23	11.095	
7,400.00	6,846.73	7,630.00	7,052.03	30.59	31.48	-109.28	435.64	-741.67	620.71	561.13	59.59	10.417	
7,500.00	6,849.06	7,729.95	7,054.13	32.30	33.20	-109.37	432.59	-641.80	617.44	554.63	62.81	9.830	
7,600.00	6,851.39	7,829.89	7,056.23	34.17	35.08	-109.45	429.54	-541.92	614.17	547.83	66.35	9.257	
7,700.00	6,853.71	7,929.83	7,058.33	36.20	37.10	-109.54	426.48	-442.05	610.91	540.75	70.15	8.708	
7,800.00	6,856.04	8,029.77	7,060.43	38.34	39.25	-109.63	423.43	-342.18	607.64	533.46	74.18	8.191	
7,900.00	6,858.37	8,129.72	7,062.54	40.59	41.50	-109.71	420.38	-242.30	604.37	525.97	78.40	7.709	
8,000.00	6,860.70	8,229.66	7,064.64	42.93	43.84	-109.80	417.33	-142.43	601.11	518.33	82.78	7.262	
8,100.00	6,863.03	8,329.60	7,066.74	45.34	46.25	-109.89	414.27	-42.55	597.85	510.56	87.28	6.849	
8,200.00	6,865.36	8,429.54	7,068.84	47.81	48.72	-109.98	411.22	57.32	594.59	502.68	91.90	6.470	
8,300.00	6,867.69	8,529.49	7,070.94	50.34	51.24	-110.07	408.17	157.19	591.33	494.71	96.62	6.120	
8,400.00	6,870.02	8,629.43	7,073.04	52.91	53.82	-110.17	405.12	257.07	588.07	486.66	101.41	5.799	
8,500.00	6,872.34	8,729.37	7,075.14	55.52	56.43	-110.26	402.06	356.94	584.81	478.54	106.28	5.503	
8,600.00	6,874.67	8,829.31	7,077.25	58.16	59.07	-110.36	399.01	456.81	581.56	470.36	111.20	5.230	
8,700.00	6,877.00	8,929.26	7,079.35	60.83	61.74	-110.45	395.96	556.69	578.31	462.14	116.17	4.978	
8,800.00	6,879.33	9,029.20	7,081.45	63.53	64.44	-110.55	392.91	656.56	575.06	453.88	121.18	4.746	
8,900.00	6,881.66	9,129.14	7,083.55	66.25	67.16	-110.65	389.85	756.44	571.81	445.58	126.23	4.530	
9,000.00	6,883.99	9,229.08	7,085.65	68.99	69.91	-110.75	386.80	856.31	568.56	437.26	131.30	4.330	
9,100.00	6,886.32	9,329.02	7,087.75	71.75	72.67	-110.85	383.75	956.18	565.31	428.91	136.41	4.144	
9,200.00	6,888.65	9,428.97	7,089.85	74.52	75.44	-110.95	380.70	1,056.06	562.07	420.53	141.53	3.971	
9,300.00	6,890.98	9,528.91	7,091.96	77.31	78.23	-111.05	377.64	1,155.93	558.83	412.15	146.68	3.810	
9,400.00	6,893.30	9,628.85	7,094.06	80.11	81.04	-111.15	374.59	1,255.80	555.58	403.74	151.84	3.659	
9,500.00	6,895.63	9,728.79	7,096.16	82.92	83.85	-111.26	371.54	1,355.68	552.35	395.33	157.01	3.518	
9,600.00	6,897.96	9,828.74	7,098.26	85.75	86.68	-111.36	368.49	1,455.55	549.11	386.91	162.20	3.385	
9,700.00	6,900.29	9,928.68	7,100.36	88.58	89.51	-111.47	365.43	1,555.42	545.87	378.48	167.39	3.261	
9,800.00	6,902.62	10,028.62	7,102.46	91.42	92.35	-111.58	362.38	1,655.30	542.64	370.05	172.59	3.144	
9,900.00	6,904.95	10,128.56	7,104.56	94.26	95.20	-111.69	359.33	1,755.17	539.41	361.61	177.80	3.034	
10,000.00	6,907.28	10,228.51	7,106.66	97.12	98.06	-111.80	356.28	1,855.05	536.18	353.17	183.01	2.930	
10,100.00	6,909.61	10,328.45	7,108.77	99.98	100.93	-111.92	353.22	1,954.92	532.95	344.73	188.22	2.832	
10,200.00	6,911.93	10,428.39	7,110.87	102.84	103.80	-112.03	350.17	2,054.79	529.73	336.30	193.43	2.739	
10,300.00	6,914.26	10,528.33	7,112.97	105.71	106.67	-112.15	347.12	2,154.67	526.50	327.86	198.64	2.651	
10,400.00	6,916.59	10,628.28	7,115.07	108.59	109.55	-112.26	344.07	2,254.54	523.28	319.43	203.85	2.567	
10,500.00	6,918.92	10,728.25	7,117.17	111.47	112.44	-112.34	341.01	2,354.45	521.40	312.25	209.15	2.493	
10,600.00	6,921.25	10,828.24	7,119.27	114.36	115.33	-112.37	337.96	2,454.37	520.05	305.57	214.48	2.425	
10,700.00	6,923.58	10,928.24	7,121.38	117.25	118.22	-112.41	334.90	2,554.29	518.69	298.88	219.82	2.360	
10,800.00	6,925.91	11,028.23	7,123.48	120.15	121.12	-112.44	331.85	2,654.21	517.34	292.18	225.16	2.298	
10,900.00	6,928.23	11,128.22	7,125.58	123.05	124.02	-112.48	328.80	2,754.14	515.99	285.49	230.50	2.239	
11,000.00	6,930.56	11,228.21	7,127.68	125.95	126.93	-112.51	325.74	2,854.06	514.64	278.79	235.85	2.182	
11,100.00	6,932.89	11,328.20	7,129.79	128.86	129.84	-112.55	322.69	2,953.98	513.29	272.09	241.20	2.128	
11,200.00	6,935.22	11,428.19	7,131.89	131.77	132.75	-112.58	319.63	3,053.90	511.93	265.38	246.55	2.076	
11,300.00	6,937.55	11,528.18	7,133.99	134.68	135.66	-112.62	316.58	3,153.82	510.58	258.68	251.90	2.027	
11,400.00	6,939.88	11,628.17	7,136.09	137.59	138.57	-112.65	313.53	3,253.74	509.23	251.97	257.26	1.979	
11,500.00	6,942.21	11,728.16	7,138.20	140.51	141.49	-112.69	310.47	3,353.67	507.88	245.26	262.62	1.934	
11,600.00	6,944.53	11,828.15	7,140.30	143.43	144.41	-112.72	307.42	3,453.59	506.53	238.55	267.98	1.890	
11,700.00	6,946.86	11,928.14	7,142.40	146.35	147.33	-112.76	304.36	3,553.51	505.18	231.84	273.34	1.848	
11,800.00	6,949.19	12,028.13	7,144.50	149.27	150.26	-112.80	301.31	3,653.43	503.83	225.13	278.69	1.808	
11,900.00	6,951.52	12,128.12	7,146.61	152.19	153.18	-112.83	298.26	3,753.35	502.48	218.42	284.05	1.769	
12,000.00	6,953.85	12,228.11	7,148.71	155.12	156.11	-112.87	295.20	3,853.27	501.13	211.72	289.41	1.732	
12,100.00	6,956.18	12,328.10	7,150.81	158.04	159.04	-112.91	292.15	3,953.20	499.78	205.01	294.77	1.695	
12,200.00	6,958.51	12,428.09	7,152.91	160.97	161.97	-112.95	289.09	4,053.12	498.43	198.30	300.13	1.661	
12,300.00	6,960.83	12,528.08	7,155.01	163.90	164.90	-112.98	286.04	4,153.04	497.08	191.59	305.49	1.627	
12,400.00	6,963.16	12,628.07	7,157.12	166.83	167.84	-113.02	282.99	4,252.96	495.73	184.88	310.85	1.595	
12,500.00	6,965.49	12,728.06	7,159.22	169.76	170.77	-113.06	279.93	4,352.88	494.38	178.18	316.21	1.563	
12,600.00	6,967.82	12,828.05	7,161.32	172.70	173.71	-113.10	276.88	4,452.80	493.03	171.47	321.56	1.533	
12,700.00	6,970.15	12,928.04	7,163.42	175.63	176.64	-113.14	273.82	4,552.72	491.69	164.77	326.92	1.504	
12,800.00	6,972.48	13,028.03	7,165.53	178.57	179.58	-113.17	270.77	4,652.65	490.34	158.07	332.27	1.476 Level 3	
12,900.00	6,974.81	13,128.02	7,167.63	181.50	182.52	-113.21	267.72	4,752.57	488.99	151.37	337.62	1.448 Level 3	
13,000.00	6,977.13	13,228.01	7,169.73	184.44	185.46	-113.25	264.66	4,852.49	487.64	144.67	342.97	1.422 Level 3	



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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	6,979.46	13,328.00	7,171.83	187.38	188.40	-113.29	261.61	4,952.41	486.29	137.97	348.32	1.396	Level 3
13,200.00	6,981.79	13,427.99	7,173.94	190.32	191.34	-113.33	258.55	5,052.33	484.95	131.28	353.67	1.371	Level 3
13,300.00	6,984.12	13,527.98	7,176.04	193.26	194.29	-113.37	255.50	5,152.25	483.60	124.59	359.01	1.347	Level 3
13,400.00	6,986.45	13,627.98	7,178.14	196.20	197.23	-113.41	252.45	5,252.18	482.25	117.90	364.35	1.324	Level 3
13,500.00	6,988.78	13,726.42	7,180.21	199.14	200.13	-113.45	249.46	5,350.56	480.92	111.27	369.66	1.301	Level 3
13,536.94	6,989.64	13,758.43	7,180.88	200.23	201.07	-113.45	248.77	5,382.55	480.74	109.21	371.52	1.294	Level 3
13,600.00	6,991.11	13,813.06	7,182.04	202.09	202.67	-113.41	248.42	5,437.17	481.29	106.57	374.71	1.284	Level 3
13,700.00	6,993.43	13,899.60	7,183.86	205.03	205.19	-113.25	250.01	5,523.67	484.43	104.65	379.78	1.276	Level 3
13,800.00	6,995.76	13,993.31	7,185.84	207.97	207.91	-112.96	254.15	5,617.26	489.94	104.46	385.48	1.271	Level 3
13,900.00	6,998.09	14,106.90	7,187.95	210.92	211.22	-112.65	258.84	5,716.92	495.75	103.66	392.08	1.264	Level 3
14,000.00	7,000.42	14,207.10	7,190.06	213.86	214.14	-112.35	263.54	5,816.59	501.57	103.25	398.32	1.259	Level 3
14,100.00	7,002.75	14,307.31	7,192.17	216.81	217.07	-112.05	268.23	5,916.25	507.40	102.86	404.55	1.254	Level 3
14,200.00	7,005.08	14,407.51	7,194.28	219.75	219.99	-111.76	272.92	6,015.91	513.25	102.48	410.77	1.249	Level 2
14,300.00	7,007.41	14,507.72	7,196.39	222.70	222.91	-111.48	277.62	6,115.58	519.11	102.12	416.99	1.245	Level 2
14,400.00	7,009.73	14,592.08	7,198.50	225.65	225.37	-111.20	282.31	6,215.24	524.99	102.22	422.77	1.242	Level 2
14,500.00	7,012.06	14,691.88	7,200.61	228.60	228.29	-110.93	287.01	6,314.90	530.87	101.91	428.97	1.238	Level 2
14,600.00	7,014.39	14,808.33	7,202.72	231.55	231.69	-110.67	291.70	6,414.56	536.77	101.15	435.62	1.232	Level 2
14,700.00	7,016.72	14,908.53	7,204.83	234.49	234.61	-110.41	296.40	6,514.23	542.68	100.86	441.82	1.228	Level 2
14,800.00	7,019.05	15,008.74	7,206.94	237.44	237.54	-110.16	301.09	6,613.89	548.60	100.58	448.02	1.225	Level 2
14,900.00	7,021.38	15,091.06	7,209.05	240.39	239.95	-109.91	305.79	6,713.55	554.53	100.82	453.71	1.222	Level 2
15,000.00	7,023.71	15,209.15	7,211.16	243.34	243.40	-109.67	310.48	6,813.22	560.47	100.07	460.40	1.217	Level 2
15,100.00	7,026.04	15,309.35	7,213.27	246.30	246.32	-109.43	315.17	6,912.88	566.42	99.84	466.58	1.214	Level 2
15,200.00	7,028.36	15,409.55	7,215.38	249.25	249.25	-109.20	319.87	7,012.54	572.38	99.62	472.76	1.211	Level 2
15,300.00	7,030.69	15,509.76	7,217.49	252.20	252.18	-108.97	324.56	7,112.20	578.35	99.41	478.93	1.208	Level 2
15,400.00	7,033.02	15,609.96	7,219.60	255.15	255.11	-108.75	329.26	7,211.87	584.32	99.22	485.10	1.205	Level 2
15,500.00	7,035.35	15,689.83	7,221.71	258.10	257.45	-108.53	333.95	7,311.53	590.31	99.61	490.70	1.203	Level 2
15,600.00	7,037.68	15,789.63	7,223.82	261.05	260.37	-108.31	338.65	7,411.19	596.31	99.45	496.85	1.200	Level 2
15,700.00	7,040.01	15,889.42	7,225.93	264.01	263.29	-108.10	343.34	7,510.86	602.31	99.31	503.00	1.197	Level 2
15,800.00	7,042.34	15,989.22	7,228.04	266.96	266.21	-107.90	348.03	7,610.52	608.32	99.18	509.14	1.195	Level 2
15,900.00	7,044.66	16,089.02	7,230.15	269.91	269.13	-107.70	352.73	7,710.18	614.34	99.06	515.28	1.192	Level 2
16,000.00	7,046.99	16,188.81	7,232.26	272.87	272.05	-107.50	357.42	7,809.84	620.36	98.95	521.41	1.190	Level 2
16,100.00	7,049.32	16,288.61	7,234.37	275.82	274.97	-107.30	362.12	7,909.51	626.39	98.85	527.54	1.187	Level 2
16,200.00	7,051.65	16,388.40	7,236.48	278.78	277.90	-107.11	366.81	8,009.17	632.43	98.76	533.67	1.185	Level 2
16,300.00	7,053.98	16,488.20	7,238.59	281.73	280.82	-106.93	371.51	8,108.83	638.48	98.69	539.79	1.183	Level 2
16,400.00	7,056.31	16,587.99	7,240.70	284.69	283.74	-106.74	376.20	8,208.50	644.53	98.62	545.91	1.181	Level 2
16,500.00	7,058.64	16,687.79	7,242.81	287.64	286.66	-106.56	380.90	8,308.16	650.59	98.56	552.03	1.179	Level 2
16,600.00	7,060.96	16,787.59	7,244.91	290.60	289.59	-106.39	385.59	8,407.82	656.66	98.52	558.14	1.177	Level 2
16,700.00	7,063.29	16,887.38	7,247.02	293.55	292.51	-106.21	390.28	8,507.48	662.73	98.48	564.25	1.175	Level 2
16,800.00	7,065.62	16,987.18	7,249.13	296.51	295.44	-106.04	394.98	8,607.15	668.81	98.45	570.36	1.173	Level 2
16,900.00	7,067.95	17,086.97	7,251.24	299.46	298.36	-105.88	399.67	8,706.81	674.89	98.43	576.46	1.171	Level 2
17,000.00	7,070.28	17,186.77	7,253.35	302.42	301.28	-105.71	404.37	8,806.47	680.98	98.42	582.56	1.169	Level 2
17,100.00	7,072.61	17,286.56	7,255.46	305.38	304.21	-105.55	409.06	8,906.14	687.08	98.41	588.66	1.167	Level 2
17,200.00	7,074.94	17,386.36	7,257.57	308.33	307.13	-105.39	413.76	9,005.80	693.18	98.42	594.76	1.165	Level 2
17,300.00	7,077.26	17,486.15	7,259.68	311.29	310.06	-105.24	418.45	9,105.46	699.28	98.43	600.85	1.164	Level 2
17,331.95	7,078.01	17,518.04	7,260.36	312.23	311.00	-105.19	419.95	9,137.30	701.23	98.42	602.82	1.163	Level 2, SF



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 4C-11-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	61.48	98.37	180.98	205.99					
100.00	100.00	103.00	97.00	3.28	3.28	61.48	98.37	180.98	205.99	198.46	7.53	27.365		
200.00	200.00	203.00	197.00	3.30	3.30	61.48	98.37	180.98	205.99	198.42	7.57	27.213	CC, ES	
200.00	200.00	203.00	197.00	3.30	3.30	61.48	98.37	180.98	205.99	198.42	7.57	27.213		
300.00	300.00	297.78	297.78	3.34	3.34	156.91	98.66	180.72	206.30	198.65	7.65	26.961		
400.00	399.93	399.37	399.30	3.40	3.41	156.34	101.27	178.39	208.74	200.96	7.78	26.847		
500.00	499.68	500.73	500.41	3.49	3.50	155.21	106.55	173.69	213.65	205.70	7.95	26.890		
600.00	599.13	601.70	600.82	3.60	3.62	153.59	114.46	166.64	221.14	212.97	8.17	27.083		
700.00	698.15	702.15	700.27	3.74	3.76	151.60	124.95	157.30	231.33	222.89	8.44	27.411		
800.00	796.63	800.99	797.90	3.93	3.93	149.77	136.49	147.01	244.57	235.80	8.77	27.885		
900.00	894.44	900.48	895.21	4.16	4.12	148.48	148.00	136.76	260.93	251.78	9.16	28.500		
1,000.00	991.50	1,002.39	992.10	4.44	4.35	147.73	159.46	126.55	280.15	270.55	9.60	29.186		
1,100.00	1,088.37	1,104.42	1,088.86	4.76	4.59	147.28	170.90	116.35	300.08	290.00	10.07	29.788		
1,200.00	1,185.24	1,206.45	1,185.62	5.11	4.85	146.88	182.35	106.16	320.02	309.43	10.59	30.231		
1,300.00	1,282.11	1,308.48	1,282.39	5.49	5.12	146.54	193.79	95.96	339.98	328.85	11.13	30.547		
1,400.00	1,378.97	1,389.49	1,379.15	5.88	5.34	146.23	205.23	85.77	359.94	348.30	11.64	30.919		
1,500.00	1,475.84	1,487.45	1,475.91	6.29	5.62	145.95	216.67	75.57	379.92	367.70	12.22	31.086		
1,600.00	1,572.71	1,585.42	1,572.67	6.71	5.91	145.70	228.12	65.38	399.90	387.08	12.82	31.192		
1,700.00	1,669.57	1,683.39	1,669.44	7.14	6.20	145.48	239.56	55.18	419.89	406.45	13.44	31.249		
1,800.00	1,766.44	1,781.36	1,766.20	7.38	6.39	145.27	251.00	44.99	439.89	426.45	13.43	32.751		
1,900.00	1,863.31	1,879.33	1,862.96	7.46	6.45	145.09	262.44	34.79	459.89	446.35	13.54	33.973		
2,000.00	1,960.17	1,977.30	1,959.73	7.56	6.50	144.91	273.89	24.60	479.89	466.23	13.66	35.139		
2,100.00	2,057.04	2,075.27	2,056.49	7.70	6.57	144.76	285.33	14.40	499.90	486.08	13.82	36.176		
2,200.00	2,153.91	2,173.24	2,153.25	7.86	6.66	144.61	296.77	4.21	519.91	505.89	14.02	37.084		
2,300.00	2,250.78	2,271.21	2,250.01	8.05	6.77	144.48	308.21	-5.99	539.93	525.67	14.26	37.866		
2,400.00	2,347.64	2,369.18	2,346.78	8.27	6.90	144.35	319.66	-16.18	559.94	545.41	14.53	38.526		
2,500.00	2,444.51	2,467.14	2,443.54	8.52	7.04	144.23	331.10	-26.38	579.96	565.12	14.84	39.071		
2,600.00	2,541.38	2,565.11	2,540.30	8.78	7.19	144.13	342.54	-36.57	599.99	584.80	15.19	39.511		
2,700.00	2,638.24	2,663.08	2,637.06	9.06	7.36	144.02	353.99	-46.77	620.01	604.45	15.56	39.855		
2,800.00	2,735.11	2,761.05	2,733.83	9.37	7.54	143.93	365.43	-56.96	640.04	624.08	15.96	40.113		
2,900.00	2,831.98	2,859.02	2,830.59	9.69	7.73	143.84	376.87	-67.16	660.06	643.68	16.38	40.295		
3,000.00	2,928.84	2,956.99	2,927.35	10.02	7.94	143.76	388.31	-77.35	680.09	663.26	16.83	40.411		
3,100.00	3,025.71	3,054.96	3,024.12	10.37	8.15	143.68	399.76	-87.55	700.12	682.82	17.30	40.470		
3,200.00	3,122.58	3,152.93	3,120.88	10.73	8.38	143.60	411.20	-97.74	720.15	702.36	17.79	40.480		
3,300.00	3,219.45	3,250.90	3,217.64	11.10	8.61	143.53	422.64	-107.94	740.19	721.89	18.30	40.449		
3,400.00	3,316.31	3,348.86	3,314.40	11.48	8.85	143.46	434.08	-118.14	760.22	741.39	18.82	40.384		
3,500.00	3,413.18	3,446.83	3,411.17	11.87	9.10	143.40	445.53	-128.33	780.25	760.89	19.37	40.290		
3,600.00	3,510.05	3,544.80	3,507.93	12.27	9.35	143.34	456.97	-138.53	800.29	780.37	19.92	40.172		
3,700.00	3,606.91	3,642.77	3,604.69	12.67	9.61	143.28	468.41	-148.72	820.32	799.83	20.49	40.035		
3,800.00	3,703.78	3,740.74	3,701.46	13.08	9.88	143.23	479.86	-158.92	840.36	819.29	21.07	39.883		
3,900.00	3,800.65	3,838.71	3,798.22	13.50	10.15	143.17	491.30	-169.11	860.40	838.74	21.66	39.719		
4,000.00	3,897.51	3,936.68	3,894.98	13.92	10.43	143.12	502.74	-179.31	880.44	858.17	22.26	39.546		
4,100.00	3,994.38	4,034.65	3,991.74	14.35	10.71	143.08	514.18	-189.50	900.48	877.60	22.87	39.365		
4,200.00	4,091.25	4,132.62	4,088.51	14.78	11.00	143.03	525.63	-199.70	920.52	897.02	23.49	39.180		
4,300.00	4,188.11	4,230.59	4,185.27	15.22	11.28	142.99	537.07	-209.89	940.56	916.43	24.12	38.992		
4,400.00	4,284.98	4,328.55	4,282.03	15.66	11.58	142.95	548.51	-220.09	960.60	935.84	24.76	38.802		
4,500.00	4,381.85	4,426.52	4,378.80	16.11	11.87	142.91	559.95	-230.28	980.64	955.24	25.40	38.611		
4,600.00	4,478.72	4,524.49	4,475.56	16.55	12.17	142.87	571.40	-240.48	1,000.68	974.63	26.05	38.420		
4,700.00	4,575.58	4,622.46	4,572.32	17.00	12.48	142.83	582.84	-250.67	1,020.72	994.02	26.70	38.230		
4,800.00	4,672.45	4,720.43	4,669.08	17.46	12.78	142.79	594.28	-260.87	1,040.76	1,013.40	27.36	38.042		
4,900.00	4,769.32	4,818.40	4,765.85	17.91	13.09	142.76	605.72	-271.06	1,060.80	1,032.78	28.02	37.856		
5,000.00	4,866.18	4,916.37	4,862.61	18.37	13.40	142.73	617.17	-281.26	1,080.85	1,052.16	28.69	37.672		
5,100.00	4,963.05	5,014.34	4,959.37	18.83	13.71	142.70	628.61	-291.45	1,100.89	1,071.53	29.36	37.491		
5,200.00	5,059.92	5,112.31	5,056.14	19.29	14.02	142.67	640.05	-301.65	1,120.93	1,090.89	30.04	37.314		
5,300.00	5,156.78	5,210.28	5,152.90	19.76	14.34	142.64	651.50	-311.84	1,140.98	1,110.26	30.72	37.139		
5,400.00	5,253.65	5,308.24	5,249.66	20.22	14.66	142.61	662.94	-322.04	1,161.02	1,129.62	31.41	36.968		
5,500.00	5,350.52	5,406.21	5,346.42	20.69	14.98	142.58	674.38	-332.23	1,181.07	1,148.97	32.09	36.801		
6,700.00	6,513.18	7,846.43	7,151.65	24.67	34.65	-109.54	867.69	-1,351.00	1,198.37	1,146.90	51.48	23.279		
6,800.00	6,596.96	7,807.36	7,151.31	24.87	33.75	-110.39	868.96	-1,297.23	1,158.20	1,105.89	52.30	22.144		
6,900.00	6,671.20	7,726.36	7,150.88	25.23	31.95	-110.35	870.52	-1,230.96	1,126.94	1,074.74	52.20	21.588		
7,000.00	6,734.09	7,649.20	7,150.39	25.80	30.31	-109.66	872.34	-1,153.83	1,104.07	1,051.93	52.14	21.175		
7,100.00	6,784.06	7,479.97	7,140.14	26.64	27.00	-106.37	875.20	-985.21	1,087.62	1,036.79	50.83	21.396		
7,200.00	6,819.89	7,223.73	7,046.85	27.74	23.08	-99.09	869.69	-748.47	1,065.18	1,015.96	49.22	21.642		
7,300.00	6,840.69	7,071.18	6,949.61	29.08	21.50	-94.62	860.79	-631.75	1,041.40	991.98	49.42	21.074		
7,400.00	6,846.73	6,963.46	6,865.70	30.59	20.67	-91.00	852.27	-564.95	1,020.40	970.11	50.29	20.292		
7,500.00	6,849.06	6,890.73	6,803.26	32.30	20.20	-87.36	845.62	-528.32	1,004.25	952.64	51.61	19.459		



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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,600.00	6,851.39	6,841.40	6,758.75	34.17	19.93	-84.76	840.75	-507.65	995.25	942.09	53.16	18.721	
7,656.17	6,852.69	6,820.25	6,739.21	35.31	19.82	-83.62	838.58	-499.87	993.87	939.78	54.08	18.377	
7,700.00	6,853.71	6,806.13	6,726.02	36.20	19.75	-82.84	837.10	-495.03	994.73	939.97	54.76	18.166	
7,800.00	6,856.04	6,779.81	6,701.18	38.34	19.63	-81.39	834.30	-486.82	1,003.26	947.00	56.27	17.831	
7,900.00	6,858.37	6,759.48	6,681.77	40.59	19.54	-80.26	832.09	-481.18	1,020.94	963.35	57.59	17.727 SF	
8,000.00	6,860.70	6,743.33	6,666.24	42.93	19.48	-79.36	830.31	-477.15	1,047.49	988.79	58.70	17.846	
8,100.00	6,863.03	6,730.22	6,653.55	45.34	19.42	-78.62	828.85	-474.17	1,082.37	1,022.80	59.57	18.171	
8,200.00	6,865.36	6,719.36	6,643.00	47.81	19.38	-78.01	827.63	-471.90	1,124.88	1,064.67	60.21	18.682	
8,300.00	6,867.69	6,710.23	6,634.10	50.34	19.35	-77.50	826.60	-470.13	1,174.23	1,113.58	60.65	19.359	



Offset Design5N-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	72.12	58.29	180.71	189.88					
100.00	100.00	103.00	97.00	3.28	3.28	72.12	58.29	180.71	189.88	182.35	7.53	25.224		
200.00	200.00	203.00	197.00	3.30	3.30	72.12	58.29	180.71	189.88	182.31	7.57	25.084	CC, ES	
200.00	200.00	203.00	197.00	3.30	3.30	72.12	58.29	180.71	189.88	182.31	7.57	25.084		
300.00	300.00	299.23	299.23	3.34	3.34	167.56	58.50	180.34	190.03	182.37	7.65	24.834		
400.00	399.93	403.94	403.86	3.40	3.41	166.98	60.30	177.09	191.02	183.25	7.77	24.576		
500.00	499.68	508.54	508.19	3.49	3.51	165.81	63.94	170.51	193.00	185.06	7.94	24.318		
600.00	599.13	611.94	610.99	3.60	3.63	164.13	69.32	160.81	196.12	187.97	8.15	24.069		
700.00	698.15	711.63	709.97	3.74	3.77	162.59	75.04	150.48	202.03	193.62	8.41	24.022		
800.00	796.63	811.10	808.75	3.93	3.93	161.42	80.75	140.18	211.37	202.65	8.72	24.242		
900.00	894.44	910.26	907.20	4.16	4.11	160.62	86.45	129.91	224.05	214.98	9.07	24.700		
1,000.00	991.50	1,008.98	1,005.24	4.44	4.31	160.18	92.11	119.69	239.85	230.39	9.47	25.340		
1,100.00	1,088.37	1,107.59	1,103.15	4.76	4.52	159.92	97.77	109.48	256.44	246.55	9.88	25.946		
1,200.00	1,185.24	1,206.20	1,201.07	5.11	4.74	159.69	103.43	99.27	273.03	262.70	10.33	26.427		
1,300.00	1,282.11	1,304.81	1,298.98	5.49	4.98	159.49	109.09	89.06	289.62	278.81	10.81	26.803		
1,400.00	1,378.97	1,403.42	1,396.90	5.88	5.23	159.31	114.75	78.84	306.22	294.91	11.30	27.094		
1,500.00	1,475.84	1,502.03	1,494.82	6.29	5.48	159.15	120.42	68.63	322.82	311.00	11.82	27.315		
1,600.00	1,572.71	1,600.64	1,592.73	6.71	5.74	159.01	126.08	58.42	339.42	327.07	12.35	27.481		
1,700.00	1,669.57	1,700.75	1,690.65	7.14	6.01	158.88	131.74	48.21	356.02	343.12	12.90	27.596		
1,800.00	1,766.44	1,802.14	1,788.56	7.38	6.15	158.76	137.40	38.00	372.62	359.80	12.83	29.050		
1,900.00	1,863.31	1,903.54	1,886.48	7.46	6.18	158.65	143.06	27.78	389.23	376.35	12.88	30.213		
2,000.00	1,960.17	2,004.93	1,984.39	7.56	6.23	158.55	148.72	17.57	405.84	392.86	12.98	31.275		
2,100.00	2,057.04	2,106.32	2,082.31	7.70	6.30	158.46	154.38	7.36	422.44	409.34	13.11	32.232		
2,200.00	2,153.91	2,207.71	2,180.22	7.86	6.38	158.37	160.04	-2.85	439.05	425.78	13.27	33.082		
2,300.00	2,250.78	2,309.10	2,278.14	8.05	6.47	158.29	165.70	-13.06	455.66	442.19	13.47	33.826		
2,400.00	2,347.64	2,389.51	2,376.05	8.27	6.56	158.22	171.36	-23.28	472.27	458.59	13.68	34.522		
2,500.00	2,444.51	2,488.12	2,473.97	8.52	6.68	158.15	177.02	-33.49	488.89	474.95	13.94	35.077		
2,600.00	2,541.38	2,586.73	2,571.88	8.78	6.82	158.09	182.68	-43.70	505.50	491.27	14.22	35.541		
2,700.00	2,638.24	2,685.34	2,669.80	9.06	6.96	158.03	188.34	-53.91	522.11	507.58	14.54	35.920		
2,800.00	2,735.11	2,783.95	2,767.72	9.37	7.12	157.97	194.00	-64.12	538.72	523.85	14.87	36.222		
2,900.00	2,831.98	2,882.56	2,865.63	9.69	7.29	157.92	199.66	-74.33	555.34	540.10	15.23	36.454		
3,000.00	2,928.84	2,981.16	2,963.55	10.02	7.47	157.87	205.32	-84.55	571.95	556.34	15.62	36.625		
3,100.00	3,025.71	3,079.77	3,061.46	10.37	7.66	157.82	210.98	-94.76	588.57	572.55	16.02	36.741		
3,200.00	3,122.58	3,178.38	3,159.38	10.73	7.86	157.78	216.64	-104.97	605.18	588.74	16.44	36.810		
3,300.00	3,219.45	3,276.99	3,257.29	11.10	8.06	157.73	222.30	-115.18	621.80	604.92	16.88	36.837		
3,400.00	3,316.31	3,375.60	3,355.21	11.48	8.28	157.70	227.96	-125.39	638.41	621.08	17.33	36.830		
3,500.00	3,413.18	3,474.21	3,453.12	11.87	8.50	157.66	233.62	-135.61	655.03	637.22	17.80	36.793		
3,600.00	3,510.05	3,572.82	3,551.04	12.27	8.72	157.62	239.28	-145.82	671.64	653.36	18.29	36.731		
3,700.00	3,606.91	3,671.43	3,648.95	12.67	8.95	157.59	244.94	-156.03	688.26	669.48	18.78	36.647		
3,800.00	3,703.78	3,770.04	3,746.87	13.08	9.19	157.55	250.60	-166.24	704.88	685.59	19.29	36.547		
3,900.00	3,800.65	3,868.65	3,844.78	13.50	9.43	157.52	256.27	-176.45	721.49	701.69	19.80	36.432		
4,000.00	3,897.51	3,967.25	3,942.70	13.92	9.68	157.49	261.93	-186.66	738.11	717.78	20.33	36.306		
4,100.00	3,994.38	4,065.86	4,040.61	14.35	9.93	157.47	267.59	-196.88	754.73	733.86	20.87	36.170		
4,200.00	4,091.25	4,164.47	4,138.53	14.78	10.19	157.44	273.25	-207.09	771.35	749.94	21.41	36.027		
4,300.00	4,188.11	4,263.08	4,236.45	15.22	10.45	157.41	278.91	-217.30	787.96	766.00	21.96	35.879		
4,400.00	4,284.98	4,361.69	4,334.36	15.66	10.71	157.39	284.57	-227.51	804.58	782.06	22.52	35.727		
4,500.00	4,381.85	4,460.30	4,432.28	16.11	10.98	157.36	290.23	-237.72	821.20	798.11	23.09	35.573		
4,600.00	4,478.72	4,558.91	4,530.19	16.55	11.25	157.34	295.89	-247.94	837.82	814.16	23.66	35.416		
4,700.00	4,575.58	4,657.52	4,628.11	17.00	11.52	157.32	301.55	-258.15	854.43	830.20	24.23	35.259		
4,800.00	4,672.45	4,756.13	4,726.02	17.46	11.80	157.30	307.21	-268.36	871.05	846.24	24.82	35.101		
4,900.00	4,769.32	4,854.74	4,823.94	17.91	12.07	157.28	312.87	-278.57	887.67	862.27	25.40	34.944		
5,000.00	4,866.18	4,953.34	4,921.85	18.37	12.35	157.26	318.53	-288.78	904.29	878.30	25.99	34.788		
5,100.00	4,963.05	5,051.95	5,019.77	18.83	12.63	157.24	324.19	-298.99	920.91	894.32	26.59	34.634		
5,200.00	5,059.92	5,150.56	5,117.68	19.29	12.92	157.22	329.85	-309.21	937.53	910.34	27.19	34.481		
5,300.00	5,156.78	5,249.17	5,215.60	19.76	13.20	157.20	335.51	-319.42	954.15	926.35	27.79	34.330		
5,400.00	5,253.65	5,347.78	5,313.51	20.22	13.49	157.18	341.17	-329.63	970.76	942.36	28.40	34.182		
5,500.00	5,350.52	5,446.39	5,411.43	20.69	13.78	157.17	346.83	-339.84	987.38	958.37	29.01	34.036		
5,600.00	5,447.39	5,545.00	5,509.34	21.16	14.07	157.15	352.49	-350.05	1,004.00	974.38	29.62	33.892		
5,700.00	5,544.25	5,643.61	5,607.26	21.63	14.36	157.14	358.15	-360.27	1,020.62	990.38	30.24	33.751		
5,800.00	5,641.12	5,742.22	5,705.18	22.10	14.65	157.12	363.81	-370.48	1,037.24	1,006.38	30.86	33.612		
5,900.00	5,737.99	5,840.83	5,803.09	22.58	14.94	157.11	369.47	-380.69	1,053.86	1,022.38	31.48	33.477		
6,000.00	5,834.85	5,939.43	5,901.01	23.05	15.24	157.09	375.13	-390.90	1,070.48	1,038.37	32.10	33.344		
6,100.00	5,931.72	6,038.04	5,998.92	23.53	15.54	157.08	380.79	-401.11	1,087.10	1,054.37	32.73	33.214		
6,200.00	6,028.59	6,136.65	6,096.84	24.00	15.83	157.07	386.45	-411.32	1,103.72	1,070.36	33.36	33.087		
6,300.00	6,126.39	6,235.74	6,195.22	24.31	16.13	162.08	392.14	-421.59	1,116.43	1,082.50	33.94	32.899		
6,400.00	6,226.12	7,873.03	7,152.93	24.44	35.17	-134.59	441.96	-1,408.87	1,095.80	1,056.35	39.45	27.779		



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 Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor															
6,500.00	6,325.45	7,862.93	7,152.90	24.51	34.92	-111.15	442.02	-1,398.77	1,014.21	973.08	41.13	24.659															
6,600.00	6,421.92	7,837.41	7,152.83	24.57	34.30	-115.73	442.18	-1,373.25	938.24	895.48	42.76	21.942															
6,700.00	6,513.18	7,802.91	7,152.71	24.67	33.46	-119.26	442.42	-1,332.93	870.14	825.79	44.36	19.617															
6,800.00	6,596.96	7,742.97	7,152.55	24.87	32.06	-121.03	442.75	-1,278.81	811.66	766.07	45.59	17.805															
6,900.00	6,671.20	7,676.38	7,152.35	25.23	30.53	-121.37	443.16	-1,212.23	763.81	717.18	46.63	16.379															
7,000.00	6,734.09	7,601.04	7,152.13	25.80	28.85	-120.75	443.63	-1,134.81	726.80	679.38	47.42	15.328															
7,100.00	6,784.06	7,435.55	7,140.00	26.64	25.47	-116.33	443.93	-972.18	697.57	650.53	47.04	14.830															
7,200.00	6,819.89	7,254.42	7,080.42	27.74	22.33	-109.55	441.52	-801.79	665.02	617.99	47.03	14.140															
7,300.00	6,840.69	7,121.73	7,007.58	29.08	20.60	-104.03	437.95	-691.23	633.74	585.76	47.98	13.209															
7,400.00	6,846.73	7,016.85	6,934.78	30.59	19.54	-98.55	434.16	-616.00	607.37	558.00	49.38	12.300															
7,500.00	6,849.06	6,939.35	6,873.57	32.30	18.90	-92.51	430.88	-568.64	587.60	536.46	51.14	11.490															
7,600.00	6,851.39	6,883.00	6,825.70	34.17	18.52	-87.71	428.27	-539.06	578.26	525.32	52.93	10.925															
7,622.46	6,851.91	6,872.48	6,816.49	34.63	18.45	-86.78	427.76	-534.02	577.91	524.60	53.31	10.841															
7,700.00	6,853.71	6,840.80	6,788.25	36.20	18.26	-83.95	426.20	-519.75	582.14	527.77	54.37	10.708 SF															
7,800.00	6,856.04	6,808.27	6,758.55	38.34	18.08	-80.99	424.54	-506.59	600.29	545.07	55.22	10.871															
7,900.00	6,858.37	6,782.56	6,734.63	40.59	17.94	-78.63	423.20	-497.27	632.24	576.77	55.46	11.399															
8,000.00	6,860.70	6,761.79	6,715.04	42.93	17.84	-76.72	422.10	-490.45	676.46	621.25	55.21	12.253															
8,100.00	6,863.03	6,750.00	6,703.83	45.34	17.79	-75.63	421.47	-486.87	731.04	676.39	54.65	13.376															
8,200.00	6,865.36	6,730.40	6,685.04	47.81	17.70	-73.84	420.40	-481.37	793.93	740.05	53.88	14.734															
8,300.00	6,867.69	6,718.27	6,673.34	50.34	17.65	-72.73	419.74	-478.26	863.50	810.43	53.07	16.271															
8,400.00	6,870.02	6,700.00	6,655.60	52.91	17.58	-71.07	418.73	-474.00	938.38	886.14	52.24	17.962															
8,500.00	6,872.34	6,700.00	6,655.60	55.52	17.58	-71.07	418.73	-474.00	1,017.26	965.76	51.50	19.753															
8,600.00	6,874.67	6,700.00	6,655.60	58.16	17.58	-71.07	418.73	-474.00	1,099.58	1,048.78	50.80	21.644															
8,700.00	6,877.00	6,683.99	6,639.97	60.83	17.52	-69.64	417.84	-470.69	1,184.35	1,134.20	50.15	23.617															



Offset Design5N-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	-3.00	3.28	3.28	66.57	78.32	180.71	196.95				
100.00	100.00	103.00	97.00	3.28	3.28	66.57	78.32	180.71	196.95	189.42	7.53	26.164	
200.00	200.00	203.00	197.00	3.30	3.30	66.57	78.32	180.71	196.95	189.38	7.57	26.019	CC, ES
203.00	203.00	200.00	200.00	3.30	3.30	162.07	78.32	180.71	196.95	189.38	7.57	26.019	
300.00	300.00	298.73	298.73	3.34	3.34	162.00	78.56	180.37	197.16	189.51	7.65	25.766	
400.00	399.93	402.37	402.30	3.40	3.41	161.42	80.67	177.40	198.67	190.90	7.77	25.556	
500.00	499.68	505.87	505.53	3.49	3.51	160.25	84.94	171.40	201.71	193.77	7.94	25.400	
600.00	599.13	609.12	608.18	3.60	3.62	158.55	91.35	162.38	206.37	198.22	8.16	25.304	
700.00	698.15	709.12	707.34	3.74	3.77	156.78	98.84	151.84	213.42	204.99	8.42	25.333	
800.00	796.63	808.46	805.84	3.93	3.93	155.46	106.30	141.34	223.78	215.04	8.74	25.598	
900.00	894.44	907.48	904.03	4.16	4.12	154.59	113.74	130.87	237.37	228.26	9.11	26.068	
1,000.00	991.50	1,006.09	1,001.80	4.44	4.32	154.15	121.14	120.45	253.95	244.43	9.52	26.688	
1,100.00	1,088.37	1,104.57	1,099.45	4.76	4.54	153.93	128.54	110.04	271.27	261.32	9.95	27.261	
1,200.00	1,185.24	1,203.05	1,197.10	5.11	4.77	153.74	135.94	99.63	288.60	278.18	10.42	27.702	
1,300.00	1,282.11	1,301.54	1,294.75	5.49	5.01	153.57	143.34	89.23	305.93	295.01	10.91	28.034	
1,400.00	1,378.97	1,400.02	1,392.41	5.88	5.26	153.41	150.73	78.82	323.26	311.83	11.43	28.278	
1,500.00	1,475.84	1,501.50	1,490.06	6.29	5.53	153.28	158.13	68.41	340.59	328.61	11.98	28.435	
1,600.00	1,572.71	1,603.01	1,587.71	6.71	5.81	153.15	165.53	58.00	357.92	345.38	12.54	28.523	
1,700.00	1,669.57	1,704.53	1,685.36	7.14	6.08	153.04	172.92	47.59	375.26	362.14	13.12	28.609	
1,800.00	1,766.44	1,806.05	1,783.01	7.38	6.23	152.94	180.32	37.18	392.60	379.54	13.05	30.074	
1,900.00	1,863.31	1,892.44	1,880.67	7.46	6.26	152.84	187.72	26.77	409.94	396.82	13.11	31.257	
2,000.00	1,960.17	2,009.08	1,978.32	7.56	6.32	152.75	195.11	16.36	427.28	414.05	13.23	32.305	
2,100.00	2,057.04	2,089.40	2,075.97	7.70	6.37	152.67	202.51	5.96	444.62	431.26	13.36	33.292	
2,200.00	2,153.91	2,187.88	2,173.62	7.86	6.45	152.60	209.91	-4.45	461.96	448.43	13.53	34.142	
2,300.00	2,250.78	2,286.37	2,271.27	8.05	6.55	152.53	217.31	-14.86	479.30	465.56	13.74	34.881	
2,400.00	2,347.64	2,384.85	2,368.93	8.27	6.66	152.47	224.70	-25.27	496.64	482.66	13.98	35.514	
2,500.00	2,444.51	2,483.33	2,466.58	8.52	6.79	152.41	232.10	-35.68	513.98	499.72	14.26	36.044	
2,600.00	2,541.38	2,581.82	2,564.23	8.78	6.93	152.35	239.50	-46.09	531.33	516.76	14.56	36.480	
2,700.00	2,638.24	2,680.30	2,661.88	9.06	7.08	152.30	246.89	-56.50	548.67	533.77	14.90	36.829	
2,800.00	2,735.11	2,778.78	2,759.53	9.37	7.24	152.25	254.29	-66.91	566.02	550.76	15.26	37.100	
2,900.00	2,831.98	2,877.27	2,857.19	9.69	7.42	152.21	261.69	-77.32	583.36	567.72	15.64	37.300	
3,000.00	2,928.84	2,975.75	2,954.84	10.02	7.61	152.16	269.08	-87.72	600.71	584.66	16.05	37.439	
3,100.00	3,025.71	3,074.23	3,052.49	10.37	7.80	152.12	276.48	-98.13	618.05	601.58	16.47	37.523	
3,200.00	3,122.58	3,172.72	3,150.14	10.73	8.01	152.08	283.88	-108.54	635.40	618.48	16.92	37.561	
3,300.00	3,219.45	3,271.20	3,247.79	11.10	8.22	152.05	291.28	-118.95	652.74	635.36	17.38	37.559	
3,400.00	3,316.31	3,369.68	3,345.44	11.48	8.44	152.01	298.67	-129.36	670.09	652.23	17.86	37.523	
3,500.00	3,413.18	3,468.17	3,443.10	11.87	8.67	151.98	306.07	-139.77	687.44	669.08	18.35	37.459	
3,600.00	3,510.05	3,566.65	3,540.75	12.27	8.90	151.95	313.47	-150.18	704.78	685.92	18.86	37.371	
3,700.00	3,606.91	3,665.13	3,638.40	12.67	9.14	151.92	320.86	-160.59	722.13	702.75	19.38	37.263	
3,800.00	3,703.78	3,763.62	3,736.05	13.08	9.39	151.89	328.26	-170.99	739.48	719.57	19.91	37.140	
3,900.00	3,800.65	3,862.10	3,833.70	13.50	9.64	151.86	335.66	-181.40	756.82	736.37	20.45	37.003	
4,000.00	3,897.51	3,960.58	3,931.36	13.92	9.90	151.84	343.06	-191.81	774.17	753.17	21.01	36.856	
4,100.00	3,994.38	4,059.07	4,029.01	14.35	10.16	151.81	350.45	-202.22	791.52	769.95	21.57	36.702	
4,200.00	4,091.25	4,157.55	4,126.66	14.78	10.42	151.79	357.85	-212.63	808.87	786.73	22.14	36.541	
4,300.00	4,188.11	4,256.03	4,224.31	15.22	10.69	151.77	365.25	-223.04	826.21	803.50	22.71	36.377	
4,400.00	4,284.98	4,354.52	4,321.96	15.66	10.96	151.74	372.64	-233.45	843.56	820.27	23.30	36.209	
4,500.00	4,381.85	4,453.00	4,419.62	16.11	11.24	151.72	380.04	-243.86	860.91	837.02	23.89	36.040	
4,600.00	4,478.72	4,551.48	4,517.27	16.55	11.51	151.70	387.44	-254.26	878.26	853.77	24.48	35.869	
4,700.00	4,575.58	4,649.97	4,614.92	17.00	11.79	151.68	394.83	-264.67	895.61	870.52	25.09	35.699	
4,800.00	4,672.45	4,748.45	4,712.57	17.46	12.08	151.66	402.23	-275.08	912.96	887.26	25.70	35.530	
4,900.00	4,769.32	4,846.93	4,810.22	17.91	12.36	151.65	409.63	-285.49	930.30	904.00	26.31	35.361	
5,000.00	4,866.18	4,945.42	4,907.87	18.37	12.65	151.63	417.03	-295.90	947.65	920.73	26.93	35.195	
5,100.00	4,963.05	5,043.90	5,005.53	18.83	12.94	151.61	424.42	-306.31	965.00	937.45	27.55	35.030	
5,200.00	5,059.92	5,142.38	5,103.18	19.29	13.23	151.60	431.82	-316.72	982.35	954.18	28.17	34.868	
5,300.00	5,156.78	5,240.87	5,200.83	19.76	13.53	151.58	439.22	-327.13	999.70	970.90	28.80	34.708	
5,400.00	5,253.65	5,339.35	5,298.48	20.22	13.82	151.57	446.61	-337.53	1,017.05	987.61	29.44	34.552	
5,500.00	5,350.52	5,437.83	5,396.13	20.69	14.12	151.55	454.01	-347.94	1,034.40	1,004.32	30.07	34.398	
5,600.00	5,447.39	5,536.32	5,493.79	21.16	14.42	151.54	461.41	-358.35	1,051.75	1,021.03	30.71	34.247	
5,700.00	5,544.25	5,634.80	5,591.44	21.63	14.72	151.52	468.80	-368.76	1,069.09	1,037.74	31.35	34.099	
5,800.00	5,641.12	5,733.28	5,689.09	22.10	15.02	151.51	476.20	-379.17	1,086.44	1,054.45	32.00	33.954	
5,900.00	5,737.99	5,831.77	5,786.74	22.58	15.32	151.50	483.60	-389.58	1,103.79	1,071.15	32.65	33.812	
6,000.00	5,834.85	5,930.25	5,884.39	23.05	15.63	151.49	491.00	-399.99	1,121.14	1,087.85	33.30	33.673	
6,100.00	5,931.72	6,028.73	5,982.05	23.53	15.93	151.48	498.39	-410.40	1,138.49	1,104.54	33.95	33.537	
6,200.00	6,028.59	6,127.22	6,079.70	24.00	16.24	151.46	505.79	-420.80	1,155.84	1,121.24	34.60	33.405	
6,300.00	6,126.39	7,707.33	6,962.52	24.31	35.48	108.87	575.45	-1,401.96	1,099.82	1,056.16	43.66	25.192	
6,400.00	6,226.12	7,702.22	6,962.51	24.44	35.35	-133.65	575.47	-1,407.07	1,027.40	981.66	45.74	22.460	



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								
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)				
6,500.00	6,325.45	7,687.21	6,962.53	24.51	34.99	-105.91	575.43	-1,396.50	960.11	912.33	47.78	20.094			
6,600.00	6,421.92	7,661.23	6,962.57	24.57	34.36	-107.27	575.35	-1,370.52	900.36	850.73	49.64	18.139			
6,700.00	6,513.18	7,620.49	6,962.63	24.67	33.37	-108.43	575.23	-1,329.78	850.01	798.91	51.10	16.635			
6,800.00	6,596.96	7,565.98	6,962.71	24.87	32.08	-108.31	575.07	-1,275.26	809.99	757.91	52.08	15.554			
6,900.00	6,671.20	7,500.96	6,962.81	25.23	30.57	-107.06	574.86	-1,208.33	780.23	727.66	52.57	14.840			
7,000.00	6,734.09	7,421.33	6,962.93	25.80	28.81	-105.09	574.63	-1,130.62	759.66	707.07	52.59	14.444			
7,100.00	6,784.06	7,308.96	6,959.26	26.64	26.46	-101.80	574.00	-1,018.38	745.76	693.79	51.97	14.349			
7,200.00	6,819.89	7,184.54	6,933.89	27.74	24.08	-97.65	571.70	-896.80	733.37	682.00	51.38	14.275			
7,300.00	6,840.69	7,076.23	6,892.97	29.08	22.30	-93.75	568.30	-796.72	723.00	671.70	51.31	14.092			
7,400.00	6,846.73	6,980.06	6,842.93	30.59	20.98	-89.86	564.27	-714.81	715.40	663.77	51.63	13.856			
7,500.00	6,849.06	6,900.20	6,792.40	32.30	20.06	-85.67	560.27	-653.16	711.94	659.61	52.33	13.605			
7,506.53	6,849.21	6,895.57	6,789.23	32.42	20.02	-85.41	560.02	-649.79	711.93	659.54	52.39	13.588			
7,600.00	6,851.39	6,836.02	6,746.46	34.17	19.45	-81.88	556.66	-608.53	715.28	662.06	53.23	13.439 SF			
7,700.00	6,853.71	6,784.30	6,706.33	36.20	19.02	-78.61	553.53	-576.07	727.29	673.22	54.08	13.450			
7,800.00	6,856.04	6,742.25	6,671.84	38.34	18.70	-75.84	550.86	-552.16	748.92	694.18	54.74	13.681			
7,900.00	6,858.37	6,707.66	6,642.36	40.59	18.46	-73.51	548.58	-534.25	780.26	725.09	55.16	14.144			
8,000.00	6,860.70	6,678.88	6,617.11	42.93	18.28	-71.55	546.63	-520.58	820.81	765.47	55.34	14.833			
8,100.00	6,863.03	6,650.00	6,591.17	45.34	18.11	-69.58	544.64	-508.03	869.70	814.44	55.26	15.738			
8,200.00	6,865.36	6,634.02	6,576.59	47.81	18.02	-68.49	543.52	-501.60	925.84	870.74	55.10	16.803			
8,300.00	6,867.69	6,616.28	6,560.22	50.34	17.93	-67.28	542.26	-494.89	988.22	933.43	54.79	18.036			
8,400.00	6,870.02	6,600.00	6,545.03	52.91	17.84	-66.17	541.10	-489.13	1,055.87	1,001.45	54.42	19.404			
8,500.00	6,872.34	6,587.42	6,533.20	55.52	17.79	-65.32	540.19	-484.96	1,127.92	1,073.91	54.02	20.882			



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
0.00	0.00	3.00	-3.00	3.28	3.28	103.00	-41.53	179.87	184.60				
100.00	100.00	103.00	97.00	3.28	3.28	103.00	-41.53	179.87	184.60	177.07	7.53	24.524	
200.00	200.00	203.00	197.00	3.30	3.30	103.00	-41.53	179.87	184.60	177.03	7.57	24.387	CC, ES
202.03	202.03	200.97	199.03	3.30	3.30	-161.50	-41.53	179.87	184.60	177.03	7.57	24.388	
300.00	300.00	298.75	298.74	3.34	3.34	-161.44	-41.81	179.57	184.79	177.14	7.65	24.156	
400.00	399.93	402.42	402.35	3.40	3.40	-160.85	-44.30	176.92	186.16	178.40	7.76	23.978	
500.00	499.68	505.97	505.63	3.49	3.49	-159.68	-49.35	171.54	188.89	180.97	7.92	23.836	
600.00	599.13	609.31	608.37	3.60	3.60	-157.97	-56.93	163.47	193.09	184.95	8.14	23.730	
700.00	698.15	710.29	708.41	3.74	3.74	-156.01	-66.35	153.43	199.22	190.81	8.41	23.688	
800.00	796.63	809.72	806.87	3.93	3.92	-154.51	-75.83	143.34	208.56	199.82	8.74	23.862	
900.00	894.44	908.87	905.05	4.16	4.11	-153.51	-85.27	133.28	221.12	212.00	9.12	24.240	
1,000.00	991.50	1,007.64	1,002.86	4.44	4.32	-152.99	-94.68	123.26	236.66	227.10	9.56	24.767	
1,100.00	1,088.37	1,106.30	1,100.56	4.76	4.55	-152.70	-104.08	113.26	252.94	242.92	10.02	25.244	
1,200.00	1,185.24	1,204.96	1,198.26	5.11	4.80	-152.45	-113.48	103.25	269.22	258.70	10.52	25.593	
1,300.00	1,282.11	1,303.62	1,295.96	5.49	5.06	-152.23	-122.88	93.24	285.51	274.46	11.05	25.841	
1,400.00	1,378.97	1,402.28	1,393.66	5.88	5.33	-152.03	-132.28	83.23	301.80	290.19	11.60	26.009	
1,500.00	1,475.84	1,500.93	1,491.35	6.29	5.61	-151.85	-141.68	73.22	318.09	305.91	12.18	26.114	
1,600.00	1,572.71	1,600.41	1,589.05	6.71	5.90	-151.69	-151.08	63.21	334.39	321.61	12.78	26.167	
1,700.00	1,669.57	1,701.75	1,686.75	7.14	6.19	-151.55	-160.48	53.20	350.69	337.29	13.40	26.178	
1,800.00	1,766.44	1,803.09	1,784.45	7.38	6.35	-151.42	-169.88	43.19	366.99	353.63	13.36	27.473	
1,900.00	1,863.31	1,904.43	1,882.15	7.46	6.39	-151.29	-179.28	33.18	383.29	369.86	13.43	28.539	
2,000.00	1,960.17	2,005.77	1,979.85	7.56	6.45	-151.18	-188.68	23.17	399.60	386.05	13.55	29.501	
2,100.00	2,057.04	2,107.11	2,077.55	7.70	6.53	-151.08	-198.08	13.16	415.90	402.20	13.70	30.353	
2,200.00	2,153.91	2,208.45	2,175.25	7.86	6.62	-150.99	-207.48	3.15	432.21	418.31	13.90	31.095	
2,300.00	2,250.78	2,309.79	2,272.95	8.05	6.73	-150.90	-216.88	-6.85	448.52	434.38	14.14	31.729	
2,400.00	2,347.64	2,388.87	2,370.64	8.27	6.84	-150.82	-226.27	-16.86	464.83	450.45	14.38	32.325	
2,500.00	2,444.51	2,487.52	2,468.34	8.52	6.98	-150.74	-235.67	-26.87	481.13	466.45	14.68	32.774	
2,600.00	2,541.38	2,586.18	2,566.04	8.78	7.13	-150.67	-245.07	-36.88	497.45	482.43	15.01	33.135	
2,700.00	2,638.24	2,684.84	2,663.74	9.06	7.30	-150.60	-254.47	-46.89	513.76	498.38	15.38	33.414	
2,800.00	2,735.11	2,783.50	2,761.44	9.37	7.48	-150.54	-263.87	-56.90	530.07	514.30	15.77	33.622	
2,900.00	2,831.98	2,882.16	2,859.14	9.69	7.67	-150.48	-273.27	-66.91	546.38	530.20	16.18	33.765	
3,000.00	2,928.84	2,980.82	2,956.84	10.02	7.88	-150.43	-282.67	-76.92	562.69	546.07	16.62	33.853	
3,100.00	3,025.71	3,079.48	3,054.54	10.37	8.09	-150.37	-292.07	-86.93	579.01	561.92	17.08	33.893	
3,200.00	3,122.58	3,178.14	3,152.24	10.73	8.32	-150.32	-301.47	-96.94	595.32	577.76	17.57	33.891	
3,300.00	3,219.45	3,276.80	3,249.93	11.10	8.55	-150.28	-310.87	-106.95	611.64	593.57	18.07	33.856	
3,400.00	3,316.31	3,375.46	3,347.63	11.48	8.79	-150.23	-320.27	-116.96	627.95	609.37	18.58	33.791	
3,500.00	3,413.18	3,474.12	3,445.33	11.87	9.04	-150.19	-329.67	-126.96	644.27	625.15	19.12	33.702	
3,600.00	3,510.05	3,572.77	3,543.03	12.27	9.29	-150.15	-339.07	-136.97	660.58	640.92	19.66	33.594	
3,700.00	3,606.91	3,671.43	3,640.73	12.67	9.55	-150.11	-348.47	-146.98	676.90	656.67	20.22	33.470	
3,800.00	3,703.78	3,770.09	3,738.43	13.08	9.82	-150.08	-357.87	-156.99	693.21	672.42	20.80	33.334	
3,900.00	3,800.65	3,868.75	3,836.13	13.50	10.09	-150.04	-367.27	-167.00	709.53	688.15	21.38	33.187	
4,000.00	3,897.51	3,967.41	3,933.83	13.92	10.37	-150.01	-376.66	-177.01	725.84	703.87	21.97	33.034	
4,100.00	3,994.38	4,066.07	4,031.53	14.35	10.65	-149.98	-386.06	-187.02	742.16	719.59	22.58	32.874	
4,200.00	4,091.25	4,164.73	4,129.23	14.78	10.93	-149.95	-395.46	-197.03	758.48	735.29	23.19	32.711	
4,300.00	4,188.11	4,263.39	4,226.92	15.22	11.22	-149.92	-404.86	-207.04	774.79	750.99	23.81	32.546	
4,400.00	4,284.98	4,362.05	4,324.62	15.66	11.52	-149.89	-414.26	-217.05	791.11	766.68	24.43	32.379	
4,500.00	4,381.85	4,460.71	4,422.32	16.11	11.81	-149.86	-423.66	-227.06	807.43	782.36	25.07	32.212	
4,600.00	4,478.72	4,559.36	4,520.02	16.55	12.11	-149.84	-433.06	-237.07	823.75	798.04	25.71	32.045	
4,700.00	4,575.58	4,658.02	4,617.72	17.00	12.41	-149.81	-442.46	-247.07	840.06	813.71	26.35	31.879	
4,800.00	4,672.45	4,756.68	4,715.42	17.46	12.72	-149.79	-451.86	-257.08	856.38	829.38	27.00	31.715	
4,900.00	4,769.32	4,855.34	4,813.12	17.91	13.03	-149.77	-461.26	-267.09	872.70	845.04	27.66	31.553	
5,000.00	4,866.18	4,954.00	4,910.82	18.37	13.33	-149.74	-470.66	-277.10	889.02	860.70	28.32	31.394	
5,100.00	4,963.05	5,052.66	5,008.52	18.83	13.65	-149.72	-480.06	-287.11	905.34	876.35	28.98	31.237	
5,200.00	5,059.92	5,151.32	5,106.21	19.29	13.96	-149.70	-489.46	-297.12	921.66	892.00	29.65	31.083	
5,300.00	5,156.78	5,249.98	5,203.91	19.76	14.27	-149.68	-498.86	-307.13	937.97	907.65	30.32	30.931	
5,400.00	5,253.65	5,348.64	5,301.61	20.22	14.59	-149.66	-508.26	-317.14	954.29	923.29	31.00	30.783	
5,500.00	5,350.52	5,447.30	5,399.31	20.69	14.91	-149.65	-517.66	-327.15	970.61	938.93	31.68	30.638	
5,600.00	5,447.39	5,545.96	5,497.01	21.16	15.23	-149.63	-527.05	-337.16	986.93	954.57	32.36	30.496	
5,700.00	5,544.25	5,644.61	5,594.71	21.63	15.55	-149.61	-536.45	-347.17	1,003.25	970.20	33.05	30.358	
5,800.00	5,641.12	5,743.27	5,692.41	22.10	15.87	-149.59	-545.85	-357.18	1,019.57	985.83	33.74	30.222	
5,900.00	5,737.99	5,841.93	5,790.11	22.58	16.20	-149.58	-555.25	-367.19	1,035.89	1,001.46	34.43	30.090	
6,000.00	5,834.85	5,940.59	5,887.81	23.05	16.52	-149.56	-564.65	-377.19	1,052.21	1,017.09	35.12	29.961	
6,100.00	5,931.72	6,039.25	5,985.50	23.53	16.85	-149.55	-574.05	-387.20	1,068.53	1,032.71	35.81	29.835	
6,200.00	6,028.59	6,137.91	6,083.20	24.00	17.18	-149.53	-583.45	-397.21	1,084.84	1,048.33	36.51	29.712	
6,300.00	6,126.39	6,237.05	6,181.38	24.31	17.51	-144.97	-592.90	-407.27	1,097.14	1,060.01	37.13	29.552	
6,400.00	6,226.12	7,909.70	7,158.04	24.44	35.72	50.27	-693.07	-1,407.18	1,087.35	1,048.61	38.74	28.066	



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	
6,500.00	6,325.45	7,900.99	7,158.08	24.51	35.51	98.84	-693.00	-1,396.49	1,001.94	961.67	40.27	24.880	
6,600.00	6,421.92	7,872.92	7,158.15	24.57	34.86	111.21	-692.82	-1,370.40	921.67	879.95	41.72	22.089	
6,700.00	6,513.18	7,832.07	7,158.27	24.67	33.91	117.80	-692.55	-1,329.55	848.86	805.74	43.12	19.688	
6,800.00	6,596.96	7,777.45	7,158.43	24.87	32.66	121.19	-692.19	-1,274.94	785.39	741.03	44.36	17.704	
6,900.00	6,671.20	7,710.43	7,158.63	25.23	31.18	122.55	-691.75	-1,207.91	732.54	687.14	45.40	16.134	
7,000.00	6,734.09	7,632.64	7,158.86	25.80	29.55	122.64	-691.23	-1,130.13	690.83	644.61	46.22	14.946	
7,100.00	6,784.06	7,100.00	7,142.00	26.64	20.99	117.26	-688.29	-937.13	657.48	615.64	41.84	15.715	
7,200.00	6,819.89	7,267.52	7,082.04	27.74	23.31	111.03	-681.47	-778.01	619.00	571.28	47.72	12.971	
7,300.00	6,840.69	7,129.06	7,003.60	29.08	21.77	104.94	-673.19	-664.54	580.77	531.71	49.06	11.837	
7,400.00	6,846.73	7,022.42	6,927.59	30.59	20.85	98.82	-665.42	-590.32	547.64	497.16	50.48	10.848	
7,500.00	6,849.06	6,945.31	6,865.48	32.30	20.30	91.90	-659.18	-545.13	521.66	469.67	51.99	10.034	
7,600.00	6,851.39	6,890.23	6,818.00	34.17	19.96	86.47	-654.46	-517.64	507.45	454.13	53.32	9.517	
7,643.44	6,852.40	6,871.09	6,800.98	35.05	19.86	84.51	-652.77	-509.07	505.93	452.16	53.77	9.409	
7,700.00	6,853.71	6,849.47	6,781.45	36.20	19.73	82.26	-650.84	-500.01	508.58	454.45	54.14	9.394 SF	
7,800.00	6,856.04	6,818.33	6,752.80	38.34	19.58	78.99	-648.03	-488.14	526.36	472.07	54.29	9.695	
7,900.00	6,858.37	6,793.88	6,729.91	40.59	19.46	76.40	-645.78	-479.82	559.98	506.12	53.86	10.396	
8,000.00	6,860.70	6,774.21	6,711.29	42.93	19.37	74.32	-643.96	-473.77	607.27	554.19	53.08	11.441	
8,100.00	6,863.03	6,758.08	6,695.89	45.34	19.30	72.62	-642.46	-469.24	665.59	613.45	52.14	12.767	
8,200.00	6,865.36	6,750.00	6,688.12	47.81	19.26	71.77	-641.70	-467.12	732.50	681.30	51.20	14.306	
8,300.00	6,867.69	6,733.26	6,671.96	50.34	19.20	70.03	-640.13	-463.04	805.88	755.59	50.29	16.026	
8,400.00	6,870.02	6,723.52	6,662.51	52.91	19.16	69.02	-639.21	-460.86	884.27	834.79	49.48	17.872	
8,500.00	6,872.34	6,715.08	6,654.30	55.52	19.12	68.15	-638.42	-459.10	966.48	917.71	48.77	19.818	
8,600.00	6,874.67	6,700.00	6,639.57	58.16	19.07	66.61	-636.99	-456.21	1,051.71	1,003.58	48.13	21.853	
8,700.00	6,877.00	6,700.00	6,639.57	60.83	19.07	66.61	-636.99	-456.21	1,139.11	1,091.51	47.60	23.932	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 5N-11A-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	-3.00	3.28	3.28	96.82	-21.50	179.87	181.15					
100.00	100.00	103.00	97.00	3.28	3.28	96.82	-21.50	179.87	181.15	173.62	7.53	24.065		
200.00	200.00	203.00	197.00	3.30	3.30	96.82	-21.50	179.87	181.15	173.58	7.57	23.932	CC, ES	
200.02	200.02	202.98	197.02	3.30	3.30	96.82	-21.50	179.87	181.15	173.58	7.57	23.932		
300.00	300.00	299.44	299.43	3.34	3.34	-167.63	-21.73	179.51	181.26	173.61	7.65	23.694		
400.00	399.93	404.60	404.52	3.40	3.40	-167.13	-23.71	176.33	181.91	174.14	7.76	23.429		
500.00	499.68	509.69	509.33	3.49	3.49	-166.13	-27.73	169.90	183.14	175.22	7.92	23.121		
600.00	599.13	614.66	613.67	3.60	3.61	-164.65	-33.78	160.22	185.06	176.93	8.13	22.774		
700.00	698.15	714.48	712.68	3.74	3.75	-163.17	-40.50	149.46	189.08	180.69	8.39	22.532		
800.00	796.63	814.13	811.53	3.93	3.92	-162.06	-47.21	138.72	196.53	187.82	8.71	22.572		
900.00	894.44	913.51	910.10	4.16	4.11	-161.31	-53.91	128.01	207.33	198.26	9.07	22.860		
1,000.00	991.50	1,012.52	1,008.31	4.44	4.32	-160.92	-60.57	117.34	221.27	211.80	9.48	23.345		
1,100.00	1,088.37	1,111.43	1,106.42	4.76	4.54	-160.70	-67.23	106.69	236.00	226.09	9.91	23.804		
1,200.00	1,185.24	1,210.33	1,204.52	5.11	4.78	-160.51	-73.89	96.03	250.73	240.35	10.38	24.150		
1,300.00	1,282.11	1,309.24	1,302.63	5.49	5.03	-160.33	-80.55	85.37	265.46	254.58	10.88	24.404		
1,400.00	1,378.97	1,408.14	1,400.73	5.88	5.29	-160.18	-87.21	74.71	280.19	268.80	11.40	24.586		
1,500.00	1,475.84	1,507.05	1,498.83	6.29	5.56	-160.04	-93.87	64.05	294.93	282.99	11.94	24.710		
1,600.00	1,572.71	1,605.96	1,596.94	6.71	5.84	-159.91	-100.53	53.40	309.67	297.18	12.49	24.788		
1,700.00	1,669.57	1,704.86	1,695.04	7.14	6.11	-159.80	-107.19	42.74	324.41	311.35	13.06	24.843		
1,800.00	1,766.44	1,803.77	1,793.15	7.38	6.26	-159.70	-113.85	32.08	339.15	326.16	12.99	26.111		
1,900.00	1,863.31	1,902.67	1,891.25	7.46	6.30	-159.60	-120.51	21.42	353.89	340.84	13.04	27.129		
2,000.00	1,960.17	2,001.58	1,989.35	7.56	6.35	-159.51	-127.17	10.77	368.63	355.49	13.14	28.056		
2,100.00	2,057.04	2,100.49	2,087.46	7.70	6.41	-159.43	-133.83	0.11	383.37	370.10	13.27	28.886		
2,200.00	2,153.91	2,200.61	2,185.56	7.86	6.50	-159.35	-140.49	-10.55	398.11	384.67	13.44	29.617		
2,300.00	2,250.78	2,301.70	2,283.67	8.05	6.61	-159.28	-147.15	-21.21	412.86	399.21	13.65	30.248		
2,400.00	2,347.64	2,402.80	2,381.77	8.27	6.73	-159.22	-153.81	-31.86	427.60	413.71	13.89	30.784		
2,500.00	2,444.51	2,503.89	2,479.88	8.52	6.87	-159.16	-160.47	-42.52	442.35	428.18	14.16	31.230		
2,600.00	2,541.38	2,595.02	2,577.98	8.78	7.00	-159.10	-167.13	-53.18	457.09	442.64	14.45	31.622		
2,700.00	2,638.24	2,706.08	2,676.08	9.06	7.18	-159.05	-173.79	-63.84	471.84	457.03	14.80	31.876		
2,800.00	2,735.11	2,807.17	2,774.19	9.37	7.36	-159.00	-180.45	-74.50	486.58	471.42	15.16	32.091		
2,900.00	2,831.98	2,908.27	2,872.29	9.69	7.55	-158.95	-187.11	-85.15	501.33	485.78	15.55	32.245		
3,000.00	2,928.84	2,990.64	2,970.40	10.02	7.72	-158.91	-193.77	-95.81	516.08	500.16	15.92	32.415		
3,100.00	3,025.71	3,089.55	3,068.50	10.37	7.92	-158.87	-200.43	-106.47	530.82	514.48	16.34	32.478		
3,200.00	3,122.58	3,188.45	3,166.61	10.73	8.13	-158.83	-207.09	-117.13	545.57	528.78	16.79	32.500		
3,300.00	3,219.45	3,287.36	3,264.71	11.10	8.36	-158.79	-213.75	-127.78	560.32	543.07	17.25	32.487		
3,400.00	3,316.31	3,386.26	3,362.81	11.48	8.59	-158.75	-220.41	-138.44	575.07	557.34	17.72	32.445		
3,500.00	3,413.18	3,485.17	3,460.92	11.87	8.83	-158.72	-227.07	-149.10	589.81	571.60	18.22	32.379		
3,600.00	3,510.05	3,584.08	3,559.02	12.27	9.07	-158.69	-233.73	-159.76	604.56	585.84	18.72	32.291		
3,700.00	3,606.91	3,682.98	3,657.13	12.67	9.32	-158.66	-240.39	-170.42	619.31	600.07	19.24	32.188		
3,800.00	3,703.78	3,781.89	3,755.23	13.08	9.58	-158.63	-247.05	-181.07	634.06	614.29	19.77	32.070		
3,900.00	3,800.65	3,880.79	3,853.34	13.50	9.84	-158.60	-253.71	-191.73	648.81	628.49	20.31	31.942		
4,000.00	3,897.51	3,979.70	3,951.44	13.92	10.10	-158.57	-260.37	-202.39	663.55	642.69	20.86	31.805		
4,100.00	3,994.38	4,078.61	4,049.54	14.35	10.37	-158.55	-267.03	-213.05	678.30	656.88	21.42	31.662		
4,200.00	4,091.25	4,177.51	4,147.65	14.78	10.65	-158.52	-273.69	-223.70	693.05	671.06	21.99	31.514		
4,300.00	4,188.11	4,276.42	4,245.75	15.22	10.93	-158.50	-280.35	-234.36	707.80	685.23	22.57	31.363		
4,400.00	4,284.98	4,375.32	4,343.86	15.66	11.21	-158.48	-287.01	-245.02	722.55	699.40	23.15	31.209		
4,500.00	4,381.85	4,474.23	4,441.96	16.11	11.49	-158.45	-293.67	-255.68	737.30	713.56	23.74	31.055		
4,600.00	4,478.72	4,573.14	4,540.07	16.55	11.78	-158.43	-300.33	-266.34	752.05	727.71	24.34	30.900		
4,700.00	4,575.58	4,672.04	4,638.17	17.00	12.07	-158.41	-306.99	-276.99	766.80	741.86	24.94	30.745		
4,800.00	4,672.45	4,770.95	4,736.27	17.46	12.37	-158.39	-313.65	-287.65	781.55	756.00	25.55	30.591		
4,900.00	4,769.32	4,869.85	4,834.38	17.91	12.66	-158.38	-320.31	-298.31	796.30	770.14	26.16	30.439		
5,000.00	4,866.18	4,968.76	4,932.48	18.37	12.96	-158.36	-326.97	-308.97	811.05	784.27	26.78	30.288		
5,100.00	4,963.05	5,067.66	5,030.59	18.83	13.26	-158.34	-333.63	-319.62	825.80	798.40	27.40	30.140		
5,200.00	5,059.92	5,166.57	5,128.69	19.29	13.56	-158.32	-340.29	-330.28	840.55	812.52	28.02	29.994		
5,300.00	5,156.78	5,265.48	5,226.80	19.76	13.87	-158.31	-346.95	-340.94	855.30	826.64	28.65	29.850		
5,400.00	5,253.65	5,364.38	5,324.90	20.22	14.17	-158.29	-353.60	-351.60	870.05	840.76	29.29	29.709		
5,500.00	5,350.52	5,463.29	5,423.00	20.69	14.48	-158.28	-360.26	-362.26	884.80	854.88	29.92	29.571		
5,600.00	5,447.39	5,562.19	5,521.11	21.16	14.79	-158.26	-366.92	-372.91	899.55	868.99	30.56	29.435		
5,700.00	5,544.25	5,661.10	5,619.21	21.63	15.10	-158.25	-373.58	-383.57	914.30	883.10	31.20	29.302		
5,800.00	5,641.12	5,760.01	5,717.32	22.10	15.41	-158.24	-380.24	-394.23	929.05	897.20	31.85	29.172		
5,900.00	5,737.99	5,858.91	5,815.42	22.58	15.72	-158.22	-386.90	-404.89	943.80	911.30	32.49	29.045		
6,000.00	5,834.85	5,957.82	5,913.53	23.05	16.04	-158.21	-393.56	-415.54	958.55	925.41	33.14	28.921		
6,100.00	5,931.72	6,054.79	6,009.22	23.53	16.36	-158.20	-400.22	-426.20	973.30	935.42	33.68	30.529		
6,200.00	6,028.59	6,151.66	6,083.24	24.00	16.68	-158.19	-406.99	-436.99	988.05	945.13	34.22	30.396		
6,300.00	6,126.39	6,249.46	6,183.26	24.31	16.99	-158.18	-413.76	-447.76	1002.80	965.85	34.76	30.263		
6,400.00	6,226.12	6,349.19	6,281.26	24.44	17.12	-158.17	-420.53	-458.53	1017.55	980.60	35.30	30.130		



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	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)					
6,500.00	6,325.45	7,558.63	6,838.25	24.51	34.64	99.75	-459.65	-1,396.05	606.73	567.77	38.96	15.573				
6,600.00	6,421.92	7,532.90	6,838.23	24.57	34.01	110.75	-459.55	-1,370.31	525.77	484.17	41.60	12.638				
6,700.00	6,513.18	7,507.62	6,838.20	24.67	33.39	114.63	-459.39	-1,329.80	454.81	409.98	44.83	10.145				
6,800.00	6,596.96	7,438.08	6,838.16	24.87	31.76	114.24	-459.19	-1,275.49	397.05	349.39	47.66	8.330				
6,900.00	6,671.20	7,371.32	6,838.10	25.23	30.22	110.82	-458.93	-1,208.74	354.67	304.35	50.32	7.048				
7,000.00	6,734.09	7,306.23	6,838.04	25.80	28.78	105.38	-458.64	-1,131.18	327.79	275.51	52.28	6.270				
7,100.00	6,784.06	7,201.59	6,836.19	26.64	26.59	98.44	-458.17	-1,039.05	313.50	260.86	52.64	5.955				
7,200.00	6,819.89	7,107.04	6,822.11	27.74	24.76	90.51	-456.86	-945.66	306.88	254.35	52.52	5.843 SF				
7,241.73	6,830.43	7,069.65	6,812.75	28.30	24.08	87.18	-456.10	-909.46	306.26	253.94	52.31	5.854				
7,300.00	6,840.69	7,019.12	6,796.77	29.08	23.22	82.58	-454.84	-861.56	307.42	255.62	51.80	5.934				
7,400.00	6,846.73	6,936.62	6,762.70	30.59	21.96	75.13	-452.26	-786.53	314.51	263.79	50.72	6.201				
7,500.00	6,849.06	6,863.51	6,724.64	32.30	20.99	68.21	-449.46	-724.23	330.73	281.41	49.32	6.706				
7,600.00	6,851.39	6,800.00	6,685.98	34.17	20.26	61.75	-446.66	-673.95	358.98	311.32	47.66	7.532				
7,700.00	6,853.71	6,750.00	6,652.14	36.20	19.76	56.60	-444.24	-637.24	399.62	353.54	46.09	8.671				
7,800.00	6,856.04	6,700.00	6,615.53	38.34	19.31	51.59	-441.64	-603.30	451.37	406.70	44.67	10.105				
7,900.00	6,858.37	6,663.59	6,587.25	40.59	19.02	48.10	-439.64	-580.46	512.28	468.67	43.61	11.747				
8,000.00	6,860.70	6,630.50	6,560.46	42.93	18.77	45.07	-437.76	-561.13	580.45	537.66	42.79	13.565				
8,100.00	6,863.03	6,600.00	6,534.91	45.34	18.55	42.43	-435.98	-544.57	654.28	612.12	42.16	15.518				
8,200.00	6,865.36	6,577.24	6,515.35	47.81	18.40	40.56	-434.61	-533.03	732.48	690.78	41.70	17.566				
8,300.00	6,867.69	6,550.00	6,491.41	50.34	18.23	38.43	-432.95	-520.14	814.17	772.85	41.32	19.703				
8,400.00	6,870.02	6,536.66	6,479.49	52.91	18.16	37.43	-432.12	-514.21	898.48	857.44	41.04	21.893				
8,500.00	6,872.34	6,519.87	6,464.32	55.52	18.06	36.21	-431.07	-507.10	985.02	944.22	40.80	24.141				
8,600.00	6,874.67	6,500.00	6,446.12	58.16	17.95	34.83	-429.82	-499.21	1,073.35	1,032.74	40.61	26.430				
8,700.00	6,877.00	6,500.00	6,446.12	60.83	17.95	34.83	-429.82	-499.21	1,163.16	1,122.72	40.44	28.765				



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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	-179.60	-40.07	-0.28	40.07					
100.00	100.00	100.00	100.00	3.28	3.28	-179.60	-40.07	-0.28	40.07	32.55	7.53	5.324		
200.00	200.00	200.00	200.00	3.30	3.30	-179.60	-40.07	-0.28	40.07	32.51	7.57	5.295		
254.74	254.74	254.74	254.74	3.32	3.32	-84.47	-40.07	-0.28	40.05	32.44	7.61	5.263 CC		
300.00	300.00	299.73	299.73	3.34	3.34	-84.15	-40.23	-0.68	40.19	32.54	7.65	5.253		
400.00	399.93	399.20	399.13	3.40	3.40	-84.49	-41.53	-3.88	41.16	33.39	7.77	5.300		
500.00	499.68	498.64	498.33	3.49	3.48	-85.13	-44.11	-10.28	43.09	35.16	7.93	5.434		
600.00	599.13	598.04	597.19	3.60	3.59	-85.98	-47.98	-19.86	46.00	37.85	8.15	5.646		
700.00	698.15	697.40	695.58	3.74	3.73	-86.95	-53.13	-32.60	49.88	41.45	8.43	5.918		
800.00	796.63	796.69	793.38	3.93	3.92	-87.96	-59.55	-48.50	54.74	45.96	8.79	6.231		
900.00	894.44	895.91	890.45	4.16	4.14	-88.95	-67.23	-67.51	60.59	51.35	9.24	6.560		
1,000.00	991.50	1,004.84	986.80	4.44	4.45	-89.82	-76.15	-89.58	67.39	57.57	9.81	6.866		
1,100.00	1,088.37	1,105.10	1,083.34	4.76	4.78	-90.38	-85.54	-112.81	74.52	64.07	10.46	7.127		
1,200.00	1,185.24	1,194.64	1,179.88	5.11	5.10	-90.84	-94.93	-136.04	81.67	70.55	11.12	7.346		
1,300.00	1,282.11	1,305.62	1,276.43	5.49	5.52	-91.23	-104.31	-159.28	88.81	76.91	11.90	7.462		
1,400.00	1,378.97	1,405.87	1,372.97	5.88	5.92	-91.56	-113.70	-182.51	95.96	83.28	12.69	7.565		
1,500.00	1,475.84	1,506.13	1,469.51	6.29	6.33	-91.84	-123.09	-205.74	103.12	89.62	13.50	7.638		
1,600.00	1,572.71	1,593.61	1,566.06	6.71	6.71	-92.09	-132.47	-228.98	110.27	95.99	14.29	7.718		
1,700.00	1,669.57	1,706.65	1,662.60	7.14	7.19	-92.31	-141.86	-252.21	117.43	102.24	15.19	7.732		
1,800.00	1,766.44	1,793.10	1,759.15	7.38	7.40	-92.50	-151.25	-275.44	124.59	109.33	15.26	8.165		
1,900.00	1,863.31	1,907.16	1,855.69	7.46	7.50	-92.67	-160.63	-298.68	131.75	116.32	15.43	8.540		
2,000.00	1,960.17	2,007.42	1,952.23	7.56	7.61	-92.82	-170.02	-321.91	138.91	123.27	15.64	8.882		
2,100.00	2,057.04	2,107.68	2,048.78	7.70	7.75	-92.96	-179.41	-345.14	146.07	130.16	15.91	9.180		
2,200.00	2,153.91	2,207.93	2,145.32	7.86	7.92	-93.09	-188.79	-368.38	153.23	136.99	16.24	9.433		
2,300.00	2,250.78	2,291.81	2,241.86	8.05	8.08	-93.20	-198.18	-391.61	160.40	143.80	16.60	9.663		
2,400.00	2,347.64	2,391.55	2,338.41	8.27	8.30	-93.31	-207.57	-414.84	167.56	150.53	17.03	9.838		
2,500.00	2,444.51	2,508.71	2,434.95	8.52	8.59	-93.40	-216.95	-438.08	174.72	157.17	17.56	9.952		
2,600.00	2,541.38	2,608.96	2,531.50	8.78	8.86	-93.49	-226.34	-461.31	181.89	163.80	18.09	10.056		
2,700.00	2,638.24	2,709.22	2,628.04	9.06	9.15	-93.57	-235.73	-484.54	189.05	170.40	18.66	10.133		
2,800.00	2,735.11	2,809.48	2,724.58	9.37	9.46	-93.65	-245.12	-507.78	196.22	176.96	19.26	10.186		
2,900.00	2,831.98	2,909.73	2,821.13	9.69	9.78	-93.72	-254.50	-531.01	203.39	183.48	19.90	10.220		
3,000.00	2,928.84	3,009.99	2,917.67	10.02	10.13	-93.78	-263.89	-554.24	210.55	189.98	20.57	10.236		
3,100.00	3,025.71	3,089.75	3,014.21	10.37	10.41	-93.85	-273.28	-577.48	217.72	196.53	21.19	10.273		
3,200.00	3,122.58	3,189.49	3,110.76	10.73	10.77	-93.90	-282.66	-600.71	224.88	202.98	21.91	10.265		
3,300.00	3,219.45	3,289.24	3,207.30	11.10	11.14	-93.96	-292.05	-623.94	232.05	209.41	22.64	10.248		
3,400.00	3,316.31	3,388.98	3,303.85	11.48	11.53	-94.01	-301.44	-647.18	239.22	215.82	23.40	10.223		
3,500.00	3,413.18	3,488.72	3,400.39	11.87	11.92	-94.06	-310.82	-670.41	246.38	222.21	24.18	10.192		
3,600.00	3,510.05	3,588.46	3,496.93	12.27	12.32	-94.10	-320.21	-693.64	253.55	228.59	24.97	10.156		
3,700.00	3,606.91	3,688.21	3,593.48	12.67	12.73	-94.14	-329.60	-716.87	260.72	234.95	25.77	10.117		
3,800.00	3,703.78	3,787.95	3,690.02	13.08	13.14	-94.18	-338.98	-740.11	267.89	241.30	26.59	10.075		
3,900.00	3,800.65	3,887.69	3,786.56	13.50	13.56	-94.22	-348.37	-763.34	275.05	247.63	27.42	10.031		
4,000.00	3,897.51	3,987.43	3,883.11	13.92	13.99	-94.26	-357.76	-786.57	282.22	253.96	28.26	9.986		
4,100.00	3,994.38	4,087.18	3,979.65	14.35	14.42	-94.29	-367.14	-809.81	289.39	260.28	29.11	9.940		
4,200.00	4,091.25	4,186.92	4,076.20	14.78	14.86	-94.32	-376.53	-833.04	296.56	266.58	29.98	9.893		
4,300.00	4,188.11	4,286.66	4,172.74	15.22	15.30	-94.36	-385.92	-856.27	303.73	272.88	30.84	9.847		
4,400.00	4,284.98	4,386.40	4,269.28	15.66	15.74	-94.39	-395.30	-879.51	310.89	279.17	31.72	9.801		
4,500.00	4,381.85	4,486.15	4,365.83	16.11	16.19	-94.41	-404.69	-902.74	318.06	285.46	32.61	9.755		
4,600.00	4,478.72	4,585.89	4,462.37	16.55	16.64	-94.44	-414.08	-925.97	325.23	291.74	33.50	9.709		
4,700.00	4,575.58	4,685.63	4,558.91	17.00	17.09	-94.47	-423.46	-949.21	332.40	298.01	34.39	9.665		
4,800.00	4,672.45	4,785.38	4,655.46	17.46	17.55	-94.49	-432.85	-972.44	339.57	304.27	35.30	9.621		
4,900.00	4,769.32	4,885.12	4,752.00	17.91	18.01	-94.52	-442.24	-995.67	346.74	310.53	36.20	9.578		
5,000.00	4,866.18	4,984.86	4,848.55	18.37	18.47	-94.54	-451.63	-1,018.91	353.91	316.79	37.11	9.536		
5,100.00	4,963.05	5,084.60	4,945.09	18.83	18.93	-94.56	-461.01	-1,042.14	361.07	323.04	38.03	9.494		
5,200.00	5,059.92	5,184.35	5,041.63	19.29	19.40	-94.58	-470.40	-1,065.37	368.24	329.29	38.95	9.454		
5,300.00	5,156.78	5,284.09	5,138.18	19.76	19.87	-94.60	-479.79	-1,088.61	375.41	335.54	39.88	9.415		
5,400.00	5,253.65	5,383.83	5,234.72	20.22	20.34	-94.62	-489.17	-1,111.84	382.58	341.78	40.80	9.376		
5,500.00	5,350.52	5,483.57	5,331.26	20.69	20.81	-94.64	-498.56	-1,135.07	389.75	348.02	41.73	9.339		
5,600.00	5,447.39	5,583.32	5,427.81	21.16	21.28	-94.66	-507.95	-1,158.31	396.92	354.25	42.67	9.302		
5,700.00	5,544.25	5,683.06	5,524.35	21.63	21.76	-94.68	-517.33	-1,181.54	404.09	360.48	43.61	9.267		
5,800.00	5,641.12	5,782.80	5,620.90	22.10	22.23	-94.69	-526.72	-1,204.77	411.26	366.71	44.54	9.232		
5,900.00	5,737.99	5,882.54	5,717.44	22.58	22.71	-94.71	-536.11	-1,228.01	418.43	372.94	45.49	9.199		
6,000.00	5,834.85	5,982.29	5,813.98	23.05	23.19	-94.73	-545.49	-1,251.24	425.59	379.16	46.43	9.166		
6,100.00	5,931.72	6,082.03	5,910.53	23.53	23.66	-94.74	-554.88	-1,274.47	432.76	385.39	47.38	9.134		
6,200.00	6,028.59	6,181.77	6,007.07	24.00	24.14	-94.76	-564.27	-1,297.70	439.93	391.61	48.33	9.103		
6,300.00	6,126.39	6,281.40	6,103.50	24.31	24.63	-89.85	-573.64	-1,320.91	446.32	397.24	49.08	9.093		
6,400.00	6,226.12	6,379.38	6,198.34	24.44	25.10	39.46	-582.86	-1,343.73	450.48	400.94	49.54	9.094		



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
6,500.00	6,325.45	6,473.31	6,289.26	24.51	25.55	78.25	-591.70	-1,365.61	454.11	404.42	49.69	9.139	
6,600.00	6,421.92	6,560.89	6,374.03	24.57	25.98	86.28	-599.95	-1,386.01	460.31	410.88	49.43	9.312	
6,700.00	6,513.18	6,646.72	6,457.69	24.67	26.25	92.52	-608.10	-1,403.17	472.56	423.89	48.67	9.709	
6,800.00	6,596.96	6,741.52	6,551.75	24.87	26.40	98.09	-617.33	-1,409.34	491.56	443.84	47.72	10.302	
6,900.00	6,671.20	6,848.37	6,657.50	25.23	26.48	103.29	-627.80	-1,399.41	516.36	469.55	46.80	11.033	
7,000.00	6,734.09	6,972.56	6,776.25	25.80	26.55	108.32	-639.68	-1,365.78	545.15	499.09	46.06	11.835	
7,100.00	6,784.06	7,121.59	6,906.83	26.64	26.70	113.24	-652.91	-1,295.91	575.18	529.46	45.72	12.580	
7,200.00	6,819.89	7,304.34	7,039.40	27.74	27.20	117.77	-666.63	-1,171.79	602.47	556.07	46.40	12.985	
7,300.00	6,840.69	7,525.44	7,144.99	29.08	28.71	121.07	-678.05	-979.14	621.78	572.37	49.42	12.583	
7,400.00	6,846.73	7,743.19	7,179.36	30.59	31.30	122.00	-682.58	-765.19	628.01	573.55	54.47	11.530	
7,500.00	6,849.06	7,843.18	7,181.21	32.30	32.84	121.91	-683.29	-665.22	628.65	571.32	57.32	10.967	
7,600.00	6,851.39	7,943.18	7,183.05	34.17	34.56	121.83	-684.00	-565.25	629.28	568.80	60.48	10.404	
7,700.00	6,853.71	8,043.17	7,184.90	36.20	36.45	121.74	-684.72	-465.27	629.92	566.00	63.91	9.856	
7,800.00	6,856.04	8,143.16	7,186.75	38.34	38.49	121.65	-685.43	-365.30	630.55	562.98	67.57	9.332	
7,900.00	6,858.37	8,243.16	7,188.59	40.59	40.65	121.57	-686.14	-265.32	631.19	559.76	71.43	8.837	
8,000.00	6,860.70	8,343.15	7,190.44	42.93	42.91	121.48	-686.86	-165.35	631.83	556.38	75.45	8.374	
8,100.00	6,863.03	8,443.14	7,192.29	45.34	45.25	121.39	-687.57	-65.38	632.47	552.86	79.61	7.944	
8,200.00	6,865.36	8,543.14	7,194.13	47.81	47.67	121.31	-688.28	34.60	633.11	549.21	83.90	7.546	
8,300.00	6,867.69	8,643.13	7,195.98	50.34	50.15	121.22	-689.00	134.57	633.76	545.46	88.30	7.178	
8,400.00	6,870.02	8,743.12	7,197.83	52.91	52.68	121.13	-689.71	234.54	634.40	541.62	92.78	6.838	
8,500.00	6,872.34	8,843.12	7,199.67	55.52	55.26	121.05	-690.42	334.52	635.05	537.70	97.35	6.523	
8,600.00	6,874.67	8,943.11	7,201.52	58.16	57.87	120.96	-691.14	434.49	635.70	533.71	101.99	6.233	
8,700.00	6,877.00	9,043.10	7,203.37	60.83	60.52	120.88	-691.85	534.47	636.35	529.66	106.69	5.964	
8,800.00	6,879.33	9,143.10	7,205.22	63.53	63.20	120.79	-692.56	634.44	637.00	525.55	111.45	5.716	
8,900.00	6,881.66	9,243.09	7,207.06	66.25	65.90	120.70	-693.28	734.41	637.65	521.40	116.26	5.485	
9,000.00	6,883.99	9,343.08	7,208.91	68.99	68.62	120.62	-693.99	834.39	638.31	517.20	121.11	5.270	
9,100.00	6,886.32	9,443.08	7,210.76	71.75	71.37	120.53	-694.70	934.36	638.96	512.96	126.01	5.071	
9,200.00	6,888.65	9,543.07	7,212.60	74.52	74.13	120.45	-695.42	1,034.33	639.62	508.68	130.94	4.885	
9,300.00	6,890.98	9,643.06	7,214.45	77.31	76.90	120.37	-696.13	1,134.31	640.28	504.38	135.90	4.711	
9,400.00	6,893.30	9,743.06	7,216.30	80.11	79.69	120.28	-696.84	1,234.28	640.94	500.04	140.90	4.549	
9,500.00	6,895.63	9,843.05	7,218.14	82.92	82.49	120.20	-697.56	1,334.26	641.60	495.68	145.92	4.397	
9,600.00	6,897.96	9,943.04	7,219.99	85.75	85.31	120.11	-698.27	1,434.23	642.26	491.29	150.97	4.254	
9,700.00	6,900.29	10,043.04	7,221.84	88.58	88.13	120.03	-698.98	1,534.20	642.93	486.88	156.05	4.120	
9,800.00	6,902.62	10,143.03	7,223.68	91.42	90.96	119.94	-699.70	1,634.18	643.59	482.44	161.15	3.994	
9,900.00	6,904.95	10,243.02	7,225.53	94.26	93.80	119.86	-700.41	1,734.15	644.26	477.99	166.27	3.875	
10,000.00	6,907.28	10,343.02	7,227.38	97.12	96.65	119.78	-701.12	1,834.12	644.93	473.52	171.41	3.763	
10,100.00	6,909.61	10,443.01	7,229.22	99.98	99.51	119.69	-701.84	1,934.10	645.60	469.03	176.57	3.656	
10,200.00	6,911.93	10,543.00	7,231.07	102.84	102.37	119.61	-702.55	2,034.07	646.27	464.52	181.74	3.556	
10,300.00	6,914.26	10,643.00	7,232.92	105.71	105.24	119.53	-703.26	2,134.05	646.94	460.00	186.94	3.461	
10,400.00	6,916.59	10,742.99	7,234.76	108.59	108.11	119.45	-703.98	2,234.02	647.61	455.46	192.15	3.370	
10,500.00	6,918.92	10,842.99	7,236.61	111.47	110.99	119.40	-704.69	2,334.00	647.03	449.76	197.27	3.280	
10,600.00	6,921.25	10,942.98	7,238.46	114.36	113.87	119.41	-705.40	2,433.97	645.95	443.58	202.37	3.192	
10,700.00	6,923.58	11,042.97	7,240.31	117.25	116.75	119.41	-706.12	2,533.94	644.86	437.40	207.46	3.108	
10,800.00	6,925.91	11,142.97	7,242.15	120.15	119.64	119.42	-706.83	2,633.92	643.78	431.21	212.57	3.029	
10,900.00	6,928.23	11,242.96	7,244.00	123.05	122.54	119.42	-707.54	2,733.89	642.70	425.01	217.68	2.952	
11,000.00	6,930.56	11,342.96	7,245.85	125.95	125.43	119.43	-708.26	2,833.87	641.61	418.81	222.80	2.880	
11,100.00	6,932.89	11,442.95	7,247.69	128.86	128.33	119.43	-708.97	2,933.84	640.53	412.61	227.92	2.810	
11,200.00	6,935.22	11,542.94	7,249.54	131.77	131.24	119.44	-709.68	3,033.82	639.45	406.40	233.05	2.744	
11,300.00	6,937.55	11,642.94	7,251.39	134.68	134.14	119.44	-710.40	3,133.79	638.37	400.19	238.18	2.680	
11,400.00	6,939.88	11,742.93	7,253.23	137.59	137.05	119.45	-711.11	3,233.77	637.28	393.97	243.32	2.619	
11,500.00	6,942.21	11,842.93	7,255.08	140.51	139.96	119.45	-711.82	3,333.74	636.20	387.74	248.45	2.561	
11,600.00	6,944.53	11,942.92	7,256.93	143.43	142.87	119.46	-712.53	3,433.72	635.12	381.52	253.60	2.504	
11,700.00	6,946.86	12,042.92	7,258.77	146.35	145.79	119.46	-713.25	3,533.69	634.03	375.29	258.74	2.450	
11,800.00	6,949.19	12,142.91	7,260.62	149.27	148.70	119.47	-713.96	3,633.66	632.95	369.06	263.89	2.399	
11,900.00	6,951.52	12,242.90	7,262.47	152.19	151.62	119.47	-714.67	3,733.64	631.87	362.82	269.04	2.349	
12,000.00	6,953.85	12,342.90	7,264.31	155.12	154.54	119.48	-715.39	3,833.61	630.78	356.59	274.20	2.300	
12,100.00	6,956.18	12,442.89	7,266.16	158.04	157.46	119.48	-716.10	3,933.59	629.70	350.35	279.35	2.254	
12,200.00	6,958.51	12,542.89	7,268.01	160.97	160.39	119.49	-716.81	4,033.56	628.62	344.11	284.51	2.209	
12,300.00	6,960.83	12,642.88	7,269.85	163.90	163.31	119.49	-717.53	4,133.54	627.54	337.86	289.67	2.166	
12,400.00	6,963.16	12,742.87	7,271.70	166.83	166.24	119.50	-718.24	4,233.51	626.45	331.62	294.84	2.125	
12,500.00	6,965.49	12,842.87	7,273.55	169.76	169.17	119.51	-718.95	4,333.49	625.37	325.37	300.00	2.085	
12,600.00	6,967.82	12,942.86	7,275.40	172.70	172.10	119.51	-719.67	4,433.46	624.29	319.12	305.17	2.046	
12,700.00	6,970.15	13,042.86	7,277.24	175.63	175.03	119.52	-720.38	4,533.44	623.20	312.87	310.34	2.008	
12,800.00	6,972.48	13,142.85	7,279.09	178.57	177.96	119.52	-721.09	4,633.41	622.12	306.61	315.51	1.972	
12,900.00	6,974.81	13,242.84	7,280.94	181.50	180.89	119.53	-721.81	4,733.38	621.04	300.36	320.68	1.937	
13,000.00	6,977.13	13,342.84	7,282.78	184.44	183.82	119.53	-722.52	4,833.36	619.96	294.11	325.85	1.903	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8C-8-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,100.00	6,979.46	13,442.83	7,284.63	187.38	186.76	119.54	-723.23	4,933.33	618.87	287.85	331.02	1.870		
13,200.00	6,981.79	13,542.83	7,286.48	190.32	189.69	119.54	-723.95	5,033.31	617.79	281.59	336.20	1.838		
13,300.00	6,984.12	13,642.82	7,288.32	193.26	192.63	119.55	-724.66	5,133.28	616.71	275.33	341.37	1.807		
13,400.00	6,986.45	13,749.45	7,290.29	196.20	195.76	119.57	-725.04	5,239.89	615.32	268.64	346.68	1.775		
13,500.00	6,988.78	13,849.43	7,292.14	199.14	198.69	119.64	-724.51	5,339.85	613.16	261.48	351.68	1.744		
13,600.00	6,991.11	13,949.40	7,293.99	202.09	201.62	119.70	-723.98	5,439.81	611.00	254.33	356.67	1.713		
13,700.00	6,993.43	14,049.38	7,295.83	205.03	204.56	119.76	-723.46	5,539.76	608.84	247.19	361.66	1.683		
13,800.00	6,995.76	14,149.35	7,297.68	207.97	207.49	119.83	-722.93	5,639.72	606.69	240.05	366.64	1.655		
13,900.00	6,998.09	14,249.33	7,299.52	210.92	210.43	119.89	-722.40	5,739.67	604.53	232.92	371.61	1.627		
14,000.00	7,000.42	14,349.30	7,301.37	213.86	213.37	119.96	-721.88	5,839.63	602.37	225.79	376.58	1.600		
14,100.00	7,002.75	14,449.27	7,303.22	216.81	216.31	120.02	-721.35	5,939.59	600.21	218.68	381.54	1.573		
14,200.00	7,005.08	14,549.25	7,305.06	219.75	219.24	120.09	-720.82	6,039.54	598.06	211.57	386.49	1.547		
14,300.00	7,007.41	14,649.22	7,306.91	222.70	222.18	120.16	-720.30	6,139.50	595.90	204.47	391.44	1.522		
14,400.00	7,009.73	14,749.20	7,308.76	225.65	225.12	120.22	-719.77	6,239.45	593.75	197.38	396.37	1.498	Level 3	
14,500.00	7,012.06	14,849.17	7,310.60	228.60	228.06	120.29	-719.24	6,339.41	591.60	190.29	401.31	1.474	Level 3	
14,600.00	7,014.39	14,949.15	7,312.45	231.55	231.00	120.36	-718.72	6,439.37	589.45	183.22	406.23	1.451	Level 3	
14,700.00	7,016.72	15,049.12	7,314.30	234.49	233.95	120.43	-718.19	6,539.32	587.29	176.15	411.14	1.428	Level 3	
14,800.00	7,019.05	15,149.09	7,316.14	237.44	236.89	120.50	-717.66	6,639.28	585.14	169.09	416.05	1.406	Level 3	
14,900.00	7,021.38	15,249.07	7,317.99	240.39	239.83	120.57	-717.14	6,739.23	582.99	162.04	420.95	1.385	Level 3	
15,000.00	7,023.71	15,349.04	7,319.84	243.34	242.77	120.64	-716.61	6,839.19	580.85	155.00	425.84	1.364	Level 3	
15,100.00	7,026.04	15,449.02	7,321.68	246.30	245.72	120.71	-716.08	6,939.15	578.70	147.97	430.73	1.344	Level 3	
15,200.00	7,028.36	15,548.99	7,323.53	249.25	248.66	120.78	-715.56	7,039.10	576.55	140.95	435.60	1.324	Level 3	
15,300.00	7,030.69	15,648.97	7,325.37	252.20	251.60	120.85	-715.03	7,139.06	574.41	133.94	440.47	1.304	Level 3	
15,400.00	7,033.02	15,748.94	7,327.22	255.15	254.55	120.92	-714.50	7,239.01	572.26	126.94	445.32	1.285	Level 3	
15,500.00	7,035.35	15,848.92	7,329.07	258.10	257.49	120.99	-713.98	7,338.97	570.12	119.94	450.17	1.266	Level 3	
15,600.00	7,037.68	15,948.89	7,330.91	261.05	260.44	121.07	-713.45	7,438.92	567.97	112.96	455.01	1.248	Level 2	
15,700.00	7,040.01	16,048.86	7,332.76	264.01	263.38	121.14	-712.92	7,538.88	565.83	105.99	459.84	1.230	Level 2	
15,800.00	7,042.34	16,148.84	7,334.61	266.96	266.33	121.22	-712.40	7,638.84	563.69	99.03	464.66	1.213	Level 2	
15,900.00	7,044.66	16,248.81	7,336.45	269.91	269.27	121.29	-711.87	7,738.79	561.55	92.07	469.47	1.196	Level 2	
16,000.00	7,046.99	16,348.79	7,338.30	272.87	272.22	121.37	-711.34	7,838.75	559.41	85.13	474.27	1.180	Level 2	
16,100.00	7,049.32	16,448.76	7,340.15	275.82	275.17	121.44	-710.82	7,938.70	557.27	78.20	479.07	1.163	Level 2	
16,200.00	7,051.65	16,548.74	7,341.99	278.78	278.11	121.52	-710.29	8,038.66	555.13	71.29	483.85	1.147	Level 2	
16,300.00	7,053.98	16,648.71	7,343.84	281.73	281.06	121.60	-709.76	8,138.62	553.00	64.38	488.62	1.132	Level 2	
16,400.00	7,056.31	16,748.68	7,345.69	284.69	284.01	121.67	-709.24	8,238.57	550.86	57.48	493.38	1.117	Level 2	
16,500.00	7,058.64	16,848.66	7,347.53	287.64	286.96	121.75	-708.71	8,338.53	548.73	50.60	498.13	1.102	Level 2	
16,600.00	7,060.96	16,948.63	7,349.38	290.60	289.90	121.83	-708.18	8,438.48	546.59	43.73	502.87	1.087	Level 2	
16,700.00	7,063.29	17,048.61	7,351.22	293.55	292.85	121.91	-707.66	8,538.44	544.46	36.87	507.59	1.073	Level 2	
16,800.00	7,065.62	17,148.58	7,353.07	296.51	295.80	121.99	-707.13	8,638.40	542.33	30.02	512.31	1.059	Level 2	
16,900.00	7,067.95	17,248.56	7,354.92	299.46	298.75	122.07	-706.60	8,738.35	540.20	23.18	517.02	1.045	Level 2	
17,000.00	7,070.28	17,348.53	7,356.76	302.42	301.70	122.15	-706.08	8,838.31	538.07	16.36	521.71	1.031	Level 2	
17,100.00	7,072.61	17,448.51	7,358.61	305.38	304.65	122.24	-705.55	8,938.26	535.94	9.55	526.39	1.018	Level 2	
17,200.00	7,074.94	17,548.48	7,360.46	308.33	307.60	122.32	-705.02	9,038.22	533.81	2.75	531.06	1.005	Level 2	
17,300.00	7,077.26	17,648.45	7,362.30	311.29	310.55	122.40	-704.50	9,138.18	531.69	-4.03	535.72	0.992	Level 1	
17,331.95	7,078.01	17,680.39	7,362.89	312.23	311.49	122.43	-704.33	9,170.11	531.01	-6.18	537.19	0.989	Level 1, ES, SF	



Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	180.00	-20.03	0.00	20.03					
100.00	100.00	100.00	100.00	3.28	3.28	180.00	-20.03	0.00	20.03	12.51	7.53	2.661		
200.00	200.00	200.00	200.00	3.30	3.30	180.00	-20.03	0.00	20.03	12.46	7.57	2.647		
262.00	262.00	261.98	261.98	3.33	3.33	-85.39	-20.04	-0.02	20.01	12.39	7.62	2.627 CC		
300.00	300.00	299.92	299.92	3.34	3.34	-84.53	-20.13	-0.42	20.09	12.44	7.65	2.625		
400.00	399.93	399.76	399.70	3.40	3.40	-84.73	-20.91	-3.82	20.53	12.76	7.77	2.643		
500.00	499.68	499.60	499.29	3.49	3.49	-85.12	-22.46	-10.59	21.42	13.48	7.93	2.700		
600.00	599.13	599.43	598.57	3.60	3.60	-85.64	-24.78	-20.75	22.75	14.60	8.16	2.790		
700.00	698.15	699.26	697.42	3.74	3.74	-86.24	-27.88	-34.27	24.53	16.08	8.44	2.906		
800.00	796.63	799.06	795.71	3.93	3.92	-86.88	-31.74	-51.13	26.74	17.94	8.80	3.038		
900.00	894.44	898.86	893.32	4.16	4.15	-87.51	-36.37	-71.32	29.40	20.14	9.26	3.175		
1,000.00	991.50	1,001.29	990.29	4.44	4.44	-88.35	-41.69	-94.55	32.46	22.64	9.83	3.303		
1,100.00	1,088.37	1,101.34	1,087.20	4.76	4.76	-89.46	-47.14	-118.36	35.60	25.13	10.47	3.400		
1,200.00	1,185.24	1,201.39	1,184.12	5.11	5.11	-90.39	-52.60	-142.18	38.75	27.58	11.17	3.469		
1,300.00	1,282.11	1,301.45	1,281.04	5.49	5.48	-91.18	-58.05	-166.00	41.90	29.99	11.92	3.517		
1,400.00	1,378.97	1,401.50	1,377.95	5.88	5.87	-91.86	-63.51	-189.81	45.07	32.37	12.70	3.549		
1,500.00	1,475.84	1,501.55	1,474.87	6.29	6.28	-92.45	-68.96	-213.63	48.24	34.72	13.51	3.570		
1,600.00	1,572.71	1,601.60	1,571.78	6.71	6.69	-92.96	-74.42	-237.45	51.41	37.06	14.35	3.582		
1,700.00	1,669.57	1,701.65	1,668.70	7.14	7.12	-93.42	-79.87	-261.26	54.59	39.38	15.21	3.589		
1,800.00	1,766.44	1,801.70	1,765.62	7.38	7.36	-93.83	-85.32	-285.08	57.77	42.46	15.31	3.774		
1,900.00	1,863.31	1,898.25	1,862.53	7.46	7.42	-94.19	-90.78	-308.90	60.95	45.50	15.45	3.945		
2,000.00	1,960.17	2,001.81	1,959.45	7.56	7.53	-94.52	-96.23	-332.72	64.13	48.47	15.66	4.096		
2,100.00	2,057.04	2,101.86	2,056.36	7.70	7.66	-94.81	-101.69	-356.53	67.32	51.39	15.93	4.226		
2,200.00	2,153.91	2,201.91	2,153.28	7.86	7.83	-95.08	-107.14	-380.35	70.51	54.25	16.26	4.337		
2,300.00	2,250.78	2,301.96	2,250.20	8.05	8.02	-95.33	-112.60	-404.17	73.70	57.06	16.64	4.429		
2,400.00	2,347.64	2,402.01	2,347.11	8.27	8.23	-95.56	-118.05	-427.98	76.89	59.82	17.07	4.503		
2,500.00	2,444.51	2,502.06	2,444.03	8.52	8.47	-95.77	-123.51	-451.80	80.08	62.53	17.56	4.562		
2,600.00	2,541.38	2,602.11	2,540.95	8.78	8.73	-95.96	-128.96	-475.62	83.28	65.20	18.08	4.606		
2,700.00	2,638.24	2,702.17	2,637.86	9.06	9.01	-96.14	-134.42	-499.43	86.47	67.82	18.64	4.638		
2,800.00	2,735.11	2,802.22	2,734.78	9.37	9.31	-96.30	-139.87	-523.25	89.66	70.42	19.25	4.659		
2,900.00	2,831.98	2,902.27	2,831.69	9.69	9.63	-96.45	-145.33	-547.07	92.86	72.98	19.88	4.671		
3,000.00	2,928.84	3,002.32	2,928.61	10.02	9.96	-96.60	-150.78	-570.88	96.06	75.52	20.54	4.676		
3,100.00	3,025.71	3,102.37	3,025.53	10.37	10.30	-96.73	-156.24	-594.70	99.25	78.02	21.23	4.675		
3,200.00	3,122.58	3,202.42	3,122.44	10.73	10.65	-96.86	-161.69	-618.52	102.45	80.51	21.94	4.669		
3,300.00	3,219.45	3,302.47	3,219.36	11.10	11.02	-96.98	-167.15	-642.33	105.65	82.97	22.68	4.658		
3,400.00	3,316.31	3,402.52	3,316.27	11.48	11.40	-97.09	-172.60	-666.15	108.85	85.41	23.43	4.645		
3,500.00	3,413.18	3,502.58	3,413.19	11.87	11.78	-97.19	-178.06	-689.97	112.04	87.84	24.21	4.629		
3,600.00	3,510.05	3,602.63	3,510.11	12.27	12.17	-97.29	-183.51	-713.79	115.24	90.25	25.00	4.611		
3,700.00	3,606.91	3,702.68	3,607.02	12.67	12.57	-97.39	-188.97	-737.60	118.44	92.64	25.80	4.591		
3,800.00	3,703.78	3,802.73	3,703.94	13.08	12.98	-97.48	-194.42	-761.42	121.64	95.03	26.61	4.570		
3,900.00	3,800.65	3,902.78	3,800.85	13.50	13.39	-97.56	-199.88	-785.24	124.84	97.40	27.44	4.549		
4,000.00	3,897.51	4,002.83	3,897.77	13.92	13.81	-97.64	-205.33	-809.05	128.04	99.76	28.28	4.527		
4,100.00	3,994.38	4,102.88	3,994.69	14.35	14.23	-97.72	-210.79	-832.87	131.24	102.11	29.13	4.505		
4,200.00	4,091.25	4,202.94	4,091.60	14.78	14.66	-97.79	-216.24	-856.69	134.44	104.45	29.99	4.483		
4,300.00	4,188.11	4,302.99	4,188.52	15.22	15.09	-97.86	-221.69	-880.50	137.64	106.79	30.86	4.461		
4,400.00	4,284.98	4,396.96	4,285.43	15.66	15.50	-97.92	-227.15	-904.32	140.84	109.14	31.71	4.442		
4,500.00	4,381.85	4,503.09	4,382.35	16.11	15.97	-97.99	-232.60	-928.14	144.05	111.43	32.61	4.417		
4,600.00	4,478.72	4,603.14	4,479.27	16.55	16.41	-98.05	-238.06	-951.95	147.25	113.75	33.50	4.395		
4,700.00	4,575.58	4,703.19	4,576.18	17.00	16.86	-98.11	-243.51	-975.77	150.45	116.05	34.40	4.374		
4,800.00	4,672.45	4,803.24	4,673.10	17.46	17.30	-98.16	-248.97	-999.59	153.65	118.35	35.30	4.353		
4,900.00	4,769.32	4,903.30	4,770.02	17.91	17.75	-98.21	-254.42	-1,023.41	156.85	120.65	36.20	4.333		
5,000.00	4,866.18	5,003.35	4,866.93	18.37	18.21	-98.27	-259.88	-1,047.22	160.05	122.94	37.11	4.313		
5,100.00	4,963.05	5,103.40	4,963.85	18.83	18.66	-98.32	-265.33	-1,071.04	163.26	125.23	38.02	4.294		
5,200.00	5,059.92	5,203.45	5,060.76	19.29	19.12	-98.36	-270.79	-1,094.86	166.46	127.52	38.94	4.275		
5,300.00	5,156.78	5,303.50	5,157.68	19.76	19.58	-98.41	-276.24	-1,118.67	169.66	129.80	39.86	4.256		
5,400.00	5,253.65	5,396.45	5,254.60	20.22	20.01	-98.45	-281.70	-1,142.49	172.86	132.11	40.75	4.242		
5,500.00	5,350.52	5,503.60	5,351.51	20.69	20.50	-98.49	-287.15	-1,166.31	176.06	134.35	41.71	4.221		
5,600.00	5,447.39	5,603.66	5,448.43	21.16	20.97	-98.53	-292.61	-1,190.12	179.27	136.62	42.65	4.204		
5,700.00	5,544.25	5,703.71	5,545.34	21.63	21.43	-98.57	-298.06	-1,213.94	182.47	138.89	43.58	4.187		
5,800.00	5,641.12	5,803.76	5,642.26	22.10	21.90	-98.61	-303.52	-1,237.76	185.67	141.16	44.52	4.171		
5,900.00	5,737.99	5,903.81	5,739.18	22.58	22.37	-98.65	-308.97	-1,261.57	188.88	143.42	45.45	4.155		
6,000.00	5,834.85	6,003.86	5,836.09	23.05	22.84	-98.68	-314.43	-1,285.39	192.08	145.68	46.40	4.140		
6,100.00	5,931.72	6,103.91	5,933.01	23.53	23.31	-98.72	-319.88	-1,309.21	195.28	147.94	47.34	4.125		
6,200.00	6,028.59	6,196.04	6,029.92	24.00	23.74	-98.75	-325.34	-1,333.02	198.48	150.24	48.25	4.114		
6,300.00	6,126.39	6,304.15	6,126.71	24.31	24.25	-92.91	-330.78	-1,356.81	200.63	151.55	49.08	4.087		
6,400.00	6,226.12	6,393.94	6,221.82	24.44	24.68	39.73	-336.14	-1,380.18	200.26	150.68	49.58	4.039		



Offset Design											5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 8N-8C-L - Wellbore #1 - Design #1			Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error: 3.28 usft				
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
6,424.89	6,250.98	6,417.80	6,244.96	24.46	24.79	64.16	-337.44	-1,385.87	200.19	150.56	49.63	4.034			
6,500.00	6,325.45	6,488.01	6,313.38	24.51	25.02	83.39	-341.31	-1,401.06	201.52	152.14	49.38	4.081			
6,600.00	6,421.92	6,584.48	6,409.17	24.57	25.17	95.44	-346.86	-1,410.15	208.45	160.08	48.37	4.309			
6,700.00	6,513.18	6,686.70	6,510.90	24.67	25.26	104.69	-352.95	-1,403.86	220.88	173.91	46.97	4.703			
6,800.00	6,596.96	6,795.73	6,616.79	24.87	25.32	112.33	-359.48	-1,379.30	237.50	192.04	45.47	5.224			
6,900.00	6,671.20	6,912.65	6,723.88	25.23	25.42	118.55	-366.33	-1,333.30	256.52	212.42	44.10	5.817			
7,000.00	6,734.09	7,038.35	6,827.55	25.80	25.66	123.45	-373.26	-1,262.91	275.94	232.79	43.14	6.396			
7,100.00	6,784.06	7,173.23	6,921.10	26.64	26.20	127.10	-379.88	-1,166.32	293.74	250.73	43.01	6.829			
7,200.00	6,819.89	7,316.75	6,995.98	27.74	27.22	129.54	-385.69	-1,044.39	308.07	263.90	44.17	6.974			
7,300.00	6,840.69	7,467.02	7,043.14	29.08	28.86	130.78	-390.10	-902.14	317.40	270.51	46.89	6.769			
7,400.00	6,846.73	7,607.67	7,056.48	30.59	30.82	130.88	-392.47	-762.39	320.70	270.24	50.45	6.356			
7,500.00	6,849.06	7,707.66	7,058.43	32.30	32.45	130.64	-393.73	-662.43	321.66	268.52	53.13	6.054			
7,600.00	6,851.39	7,807.64	7,060.39	34.17	34.26	130.41	-394.98	-562.47	322.62	266.53	56.09	5.752			
7,700.00	6,853.71	7,907.63	7,062.34	36.20	36.24	130.18	-396.23	-462.51	323.59	264.27	59.32	5.455			
7,800.00	6,856.04	8,007.62	7,064.30	38.34	38.34	129.95	-397.48	-362.55	324.56	261.80	62.76	5.171			
7,900.00	6,858.37	8,107.60	7,066.25	40.59	40.55	129.72	-398.73	-262.59	325.54	259.15	66.39	4.903			
8,000.00	6,860.70	8,207.59	7,068.21	42.93	42.86	129.49	-399.99	-162.63	326.52	256.34	70.19	4.652			
8,100.00	6,863.03	8,307.58	7,070.17	45.34	45.24	129.26	-401.24	-62.67	327.51	253.38	74.13	4.418			
8,200.00	6,865.36	8,407.56	7,072.12	47.81	47.69	129.04	-402.49	37.29	328.51	250.31	78.20	4.201			
8,300.00	6,867.69	8,507.55	7,074.08	50.34	50.20	128.81	-403.74	137.25	329.51	247.13	82.38	4.000			
8,400.00	6,870.02	8,607.54	7,076.03	52.91	52.76	128.59	-405.00	237.21	330.51	243.85	86.66	3.814			
8,500.00	6,872.34	8,707.52	7,077.99	55.52	55.35	128.37	-406.25	337.17	331.52	240.49	91.03	3.642			
8,600.00	6,874.67	8,807.51	7,079.95	58.16	57.98	128.15	-407.50	437.13	332.53	237.06	95.48	3.483			
8,700.00	6,877.00	8,907.50	7,081.90	60.83	60.65	127.93	-408.75	537.09	333.55	233.55	100.00	3.335			
8,800.00	6,879.33	9,007.48	7,083.86	63.53	63.34	127.72	-410.01	637.05	334.58	229.99	104.59	3.199			
8,900.00	6,881.66	9,107.47	7,085.81	66.25	66.06	127.50	-411.26	737.01	335.61	226.37	109.24	3.072			
9,000.00	6,883.99	9,207.46	7,087.77	68.99	68.79	127.28	-412.51	836.96	336.64	222.70	113.94	2.954			
9,100.00	6,886.32	9,307.44	7,089.73	71.75	71.55	127.07	-413.76	936.92	337.68	218.98	118.70	2.845			
9,200.00	6,888.65	9,407.43	7,091.68	74.52	74.32	126.86	-415.02	1,036.88	338.72	215.22	123.50	2.743			
9,300.00	6,890.98	9,507.42	7,093.64	77.31	77.10	126.65	-416.27	1,136.84	339.77	211.42	128.35	2.647			
9,400.00	6,893.30	9,607.40	7,095.59	80.11	79.90	126.44	-417.52	1,236.80	340.82	207.58	133.24	2.558			
9,500.00	6,895.63	9,707.39	7,097.55	82.92	82.71	126.23	-418.77	1,336.76	341.88	203.71	138.17	2.474			
9,600.00	6,897.96	9,807.38	7,099.51	85.75	85.53	126.03	-420.03	1,436.72	342.94	199.81	143.13	2.396			
9,700.00	6,900.29	9,907.36	7,101.46	88.58	88.36	125.82	-421.28	1,536.68	344.00	195.87	148.13	2.322			
9,800.00	6,902.62	10,007.35	7,103.42	91.42	91.20	125.62	-422.53	1,636.64	345.07	191.91	153.16	2.253			
9,900.00	6,904.95	10,107.34	7,105.37	94.26	94.05	125.41	-423.78	1,736.60	346.15	187.92	158.23	2.188			
10,000.00	6,907.28	10,207.32	7,107.33	97.12	96.90	125.21	-425.04	1,836.56	347.23	183.91	163.32	2.126			
10,100.00	6,909.61	10,307.31	7,109.29	99.98	99.76	125.01	-426.29	1,936.52	348.31	179.87	168.44	2.068			
10,200.00	6,911.93	10,407.30	7,111.24	102.84	102.63	124.81	-427.54	2,036.48	349.40	175.80	173.59	2.013			
10,300.00	6,914.26	10,507.28	7,113.20	105.71	105.50	124.61	-428.79	2,136.44	350.49	171.72	178.77	1.961			
10,400.00	6,916.59	10,607.27	7,115.15	108.59	108.38	124.42	-430.04	2,236.40	351.58	167.61	183.97	1.911			
10,500.00	6,918.92	10,707.27	7,117.11	111.47	111.26	124.33	-431.30	2,336.37	351.49	162.54	188.95	1.860			
10,600.00	6,921.25	10,807.27	7,119.07	114.36	114.15	124.31	-432.55	2,436.34	350.92	157.08	193.84	1.810			
10,700.00	6,923.58	10,907.26	7,121.02	117.25	117.04	124.30	-433.80	2,536.31	350.35	151.62	198.73	1.763			
10,800.00	6,925.91	11,007.26	7,122.98	120.15	119.93	124.29	-435.06	2,636.29	349.79	146.15	203.64	1.718			
10,900.00	6,928.23	11,107.26	7,124.93	123.05	122.83	124.28	-436.31	2,736.26	349.22	140.67	208.55	1.674			
11,000.00	6,930.56	11,207.26	7,126.89	125.95	125.73	124.27	-437.56	2,836.23	348.65	135.18	213.47	1.633			
11,100.00	6,932.89	11,307.26	7,128.85	128.86	128.63	124.26	-438.81	2,936.20	348.09	129.68	218.40	1.594			
11,200.00	6,935.22	11,407.26	7,130.80	131.77	131.54	124.25	-440.07	3,036.17	347.52	124.19	223.33	1.556			
11,300.00	6,937.55	11,507.26	7,132.76	134.68	134.45	124.24	-441.32	3,136.14	346.95	118.68	228.27	1.520			
11,400.00	6,939.88	11,607.25	7,134.72	137.59	137.36	124.23	-442.57	3,236.11	346.38	113.17	233.22	1.485 Level 3			
11,500.00	6,942.21	11,707.25	7,136.67	140.51	140.27	124.22	-443.82	3,336.09	345.82	107.65	238.17	1.452 Level 3			
11,600.00	6,944.53	11,807.63	7,138.64	143.43	143.20	124.21	-445.08	3,436.44	345.25	102.11	243.13	1.420 Level 3			
11,700.00	6,946.86	11,909.14	7,140.62	146.35	146.15	124.26	-445.71	3,537.93	344.16	96.17	248.00	1.388 Level 3			
11,800.00	6,949.19	12,009.13	7,142.58	149.27	149.07	124.31	-446.30	3,637.90	343.05	90.25	252.79	1.357 Level 3			
11,900.00	6,951.52	12,109.13	7,144.54	152.19	151.99	124.36	-446.89	3,737.87	341.93	84.34	257.59	1.327 Level 3			
12,000.00	6,953.85	12,209.12	7,146.50	155.12	154.91	124.41	-447.47	3,837.84	340.82	78.44	262.38	1.299 Level 3			
12,100.00	6,956.18	12,309.11	7,148.45	158.04	157.84	124.47	-448.06	3,937.82	339.70	72.54	267.16	1.271 Level 3			
12,200.00	6,958.51	12,409.11	7,150.41	160.97	160.76	124.52	-448.65	4,037.79	338.58	66.64	271.95	1.245 Level 2			
12,300.00	6,960.83	12,509.10	7,152.37	163.90	163.69	124.58	-449.23	4,137.76	337.47	60.74	276.73	1.220 Level 2			
12,400.00	6,963.16	12,609.09	7,154.33	166.83	166.61	124.63	-449.82	4,237.73	336.36	54.86	281.50	1.195 Level 2			
12,500.00	6,965.49	12,709.09	7,156.29	169.76	169.54	124.68	-450.41	4,337.71	335.24	48.97	286.27	1.171 Level 2			
12,600.00	6,967.82	12,809.08	7,158.24	172.70	172.47	124.74	-451.00	4,437.68	334.13	43.09	291.04	1.148 Level 2			
12,700.00	6,970.15	12,909.07	7,160.20	175.63	175.40	124.79	-451.58	4,537.65	333.01	37.22	295.80	1.126 Level 2			
12,800.00	6,972.48	13,009.07	7,162.16	178.57	178.34	124.85	-452.17	4,637.62	331.90	31.35	300.55	1.104 Level 2			
12,900.00	6,974.81	13,109.06	7,164.12	181.50	181.27	124.91	-452.76	4,737.59	330.79	25.49	305.30	1.083 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							
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	6,977.13	13,209.05	7,166.07	184.44	184.20	124.96	-453.34	4,837.57	329.68	19.63	310.04	1.063	Level 2
13,100.00	6,979.46	13,309.05	7,168.03	187.38	187.14	125.02	-453.93	4,937.54	328.56	13.78	314.78	1.044	Level 2
13,200.00	6,981.79	13,409.04	7,169.99	190.32	190.07	125.08	-454.52	5,037.51	327.45	7.94	319.52	1.025	Level 2
13,300.00	6,984.12	13,509.03	7,171.95	193.26	193.01	125.13	-455.10	5,137.48	326.34	2.10	324.24	1.006	Level 2
13,400.00	6,986.45	13,609.03	7,173.91	196.20	195.95	125.19	-455.69	5,237.46	325.23	-3.73	328.96	0.989	Level 1
13,500.00	6,988.78	13,709.02	7,175.86	199.14	198.89	125.25	-456.28	5,337.43	324.12	-9.56	333.68	0.971	Level 1
13,600.00	6,991.11	13,809.01	7,177.82	202.09	201.83	125.31	-456.86	5,437.40	323.01	-15.37	338.38	0.955	Level 1
13,700.00	6,993.43	13,909.01	7,179.78	205.03	204.77	125.37	-457.45	5,537.37	321.90	-21.19	343.08	0.938	Level 1
13,800.00	6,995.76	14,009.00	7,181.74	207.97	207.71	125.43	-458.04	5,637.35	320.79	-26.99	347.78	0.922	Level 1
13,900.00	6,998.09	14,108.99	7,183.69	210.92	210.65	125.49	-458.62	5,737.32	319.68	-32.79	352.46	0.907	Level 1
14,000.00	7,000.42	14,208.99	7,185.65	213.86	213.59	125.55	-459.21	5,837.29	318.57	-38.57	357.14	0.892	Level 1
14,100.00	7,002.75	14,308.98	7,187.61	216.81	216.53	125.61	-459.80	5,937.26	317.46	-44.36	361.82	0.877	Level 1
14,200.00	7,005.08	14,408.97	7,189.57	219.75	219.48	125.67	-460.38	6,037.24	316.35	-50.13	366.48	0.863	Level 1
14,300.00	7,007.41	14,508.97	7,191.53	222.70	222.42	125.73	-460.97	6,137.21	315.24	-55.89	371.14	0.849	Level 1
14,400.00	7,009.73	14,608.96	7,193.48	225.65	225.37	125.79	-461.56	6,237.18	314.14	-61.65	375.79	0.836	Level 1
14,500.00	7,012.06	14,708.95	7,195.44	228.60	228.31	125.86	-462.14	6,337.15	313.03	-67.40	380.43	0.823	Level 1
14,600.00	7,014.39	14,808.95	7,197.40	231.55	231.26	125.92	-462.73	6,437.13	311.92	-73.14	385.06	0.810	Level 1
14,700.00	7,016.72	14,908.94	7,199.36	234.49	234.20	125.98	-463.32	6,537.10	310.82	-78.87	389.69	0.798	Level 1
14,800.00	7,019.05	15,008.93	7,201.31	237.44	237.15	126.05	-463.90	6,637.07	309.71	-84.60	394.31	0.785	Level 1
14,900.00	7,021.38	15,108.93	7,203.27	240.39	240.09	126.11	-464.49	6,737.04	308.60	-90.31	398.92	0.774	Level 1
15,000.00	7,023.71	15,208.92	7,205.23	243.34	243.04	126.18	-465.08	6,837.02	307.50	-96.02	403.52	0.762	Level 1
15,100.00	7,026.04	15,308.91	7,207.19	246.30	245.99	126.24	-465.67	6,936.99	306.39	-101.72	408.11	0.751	Level 1
15,200.00	7,028.36	15,408.91	7,209.15	249.25	248.94	126.31	-466.25	7,036.96	305.29	-107.40	412.69	0.740	Level 1
15,300.00	7,030.69	15,508.90	7,211.10	252.20	251.89	126.37	-466.84	7,136.93	304.18	-113.08	417.27	0.729	Level 1
15,400.00	7,033.02	15,608.89	7,213.06	255.15	254.83	126.44	-467.43	7,236.90	303.08	-118.75	421.83	0.718	Level 1
15,500.00	7,035.35	15,708.89	7,215.02	258.10	257.78	126.51	-468.01	7,336.88	301.98	-124.41	426.39	0.708	Level 1
15,600.00	7,037.68	15,808.88	7,216.98	261.05	260.73	126.57	-468.60	7,436.85	300.87	-130.06	430.93	0.698	Level 1
15,700.00	7,040.01	15,908.87	7,218.94	264.01	263.68	126.64	-469.19	7,536.82	299.77	-135.70	435.47	0.688	Level 1
15,800.00	7,042.34	16,008.87	7,220.89	266.96	266.63	126.71	-469.77	7,636.79	298.67	-141.32	439.99	0.679	Level 1
15,900.00	7,044.66	16,108.86	7,222.85	269.91	269.58	126.78	-470.36	7,736.77	297.57	-146.94	444.51	0.669	Level 1
16,000.00	7,046.99	16,208.85	7,224.81	272.87	272.53	126.85	-470.95	7,836.74	296.47	-152.55	449.02	0.660	Level 1
16,100.00	7,049.32	16,308.85	7,226.77	275.82	275.48	126.92	-471.53	7,936.71	295.37	-158.15	453.51	0.651	Level 1
16,200.00	7,051.65	16,408.84	7,228.72	278.78	278.44	126.99	-472.12	8,036.68	294.27	-163.73	458.00	0.643	Level 1
16,300.00	7,053.98	16,508.83	7,230.68	281.73	281.39	127.06	-472.71	8,136.66	293.17	-169.31	462.47	0.634	Level 1
16,400.00	7,056.31	16,608.83	7,232.64	284.69	284.34	127.13	-473.29	8,236.63	292.07	-174.87	466.94	0.625	Level 1
16,500.00	7,058.64	16,708.82	7,234.60	287.64	287.29	127.21	-473.88	8,336.60	290.97	-180.42	471.39	0.617	Level 1
16,600.00	7,060.96	16,808.81	7,236.56	290.60	290.24	127.28	-474.47	8,436.57	289.87	-185.96	475.83	0.609	Level 1
16,700.00	7,063.29	16,908.81	7,238.51	293.55	293.20	127.35	-475.05	8,536.55	288.77	-191.49	480.26	0.601	Level 1
16,800.00	7,065.62	17,008.80	7,240.47	296.51	296.15	127.43	-475.64	8,636.52	287.67	-197.01	484.68	0.594	Level 1
16,900.00	7,067.95	17,108.79	7,242.43	299.46	299.10	127.50	-476.23	8,736.49	286.58	-202.51	489.09	0.586	Level 1
17,000.00	7,070.28	17,208.78	7,244.39	302.42	302.05	127.58	-476.81	8,836.46	285.48	-208.01	493.49	0.578	Level 1
17,100.00	7,072.61	17,308.78	7,246.34	305.38	305.01	127.65	-477.40	8,936.44	284.38	-213.49	497.87	0.571	Level 1
17,200.00	7,074.94	17,408.77	7,248.30	308.33	307.96	127.73	-477.99	9,036.41	283.29	-218.95	502.24	0.564	Level 1
17,300.00	7,077.26	17,508.76	7,250.26	311.29	310.91	127.81	-478.58	9,136.38	282.19	-224.41	506.60	0.557	Level 1
17,331.95	7,078.01	17,540.71	7,250.89	312.23	311.86	127.83	-478.76	9,168.32	281.84	-226.13	507.98	0.555	Level 1, ES, SF



Offset Design		5N-66W-07 Offsets - NAPOLEON J 7-3 - Noble Energy PR Well - Actual VES Surveys										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,300.00	6,867.69	6,805.02	6,801.11	50.34	15.02	-87.17	895.44	649.69	1,159.07	1,098.30	60.77	19.074	
8,400.00	6,870.02	6,805.35	6,801.44	52.91	15.02	-87.19	895.46	649.68	1,118.89	1,054.24	64.65	17.307	
8,500.00	6,872.34	6,805.69	6,801.78	55.52	15.03	-87.21	895.48	649.67	1,086.46	1,017.92	68.54	15.852	
8,600.00	6,874.67	6,806.03	6,802.11	58.16	15.03	-87.23	895.49	649.67	1,062.49	990.19	72.30	14.697	
8,700.00	6,877.00	6,806.36	6,802.45	60.83	15.03	-87.25	895.51	649.66	1,047.55	971.77	75.78	13.824	
8,800.00	6,879.33	6,806.70	6,802.78	63.53	15.03	-87.26	895.52	649.65	1,042.04	963.19	78.85	13.216	
8,807.60	6,879.51	6,806.72	6,802.81	63.74	15.03	-87.27	895.53	649.65	1,042.01	962.95	79.06	13.179	CC, ES
8,900.00	6,881.66	6,807.03	6,803.12	66.25	15.03	-87.28	895.54	649.65	1,046.10	964.69	81.41	12.850	
9,000.00	6,883.99	6,807.37	6,803.45	68.99	15.03	-87.30	895.56	649.64	1,059.62	976.24	83.38	12.708	SF
9,100.00	6,886.32	6,807.70	6,803.79	71.75	15.03	-87.32	895.57	649.63	1,082.26	997.49	84.77	12.767	
9,200.00	6,888.65	6,808.04	6,804.12	74.52	15.03	-87.34	895.59	649.63	1,113.45	1,027.86	85.59	13.009	
9,300.00	6,890.98	6,808.37	6,804.46	77.31	15.03	-87.36	895.60	649.62	1,152.49	1,066.57	85.92	13.414	
9,400.00	6,893.30	6,808.71	6,804.79	80.11	15.03	-87.37	895.62	649.61	1,198.63	1,112.80	85.84	13.964	



Offset Design5N-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 (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	46.03	822.60	852.83	1,185.18					
100.00	100.00	77.07	77.07	3.28	3.28	46.04	822.48	852.81	1,184.80	1,177.45	7.35	161.098		
200.00	200.00	175.51	175.51	3.30	3.29	46.04	822.26	852.68	1,184.56	1,177.17	7.39	160.394		
207.78	207.78	183.04	183.03	3.31	3.29	141.54	822.27	852.66	1,184.55	1,177.16	7.39	160.310		
300.00	300.00	278.44	278.44	3.34	3.32	141.54	822.37	852.31	1,184.71	1,177.26	7.45	158.972		
400.00	399.93	378.88	378.87	3.40	3.36	141.60	822.23	851.84	1,187.01	1,179.46	7.55	157.200		
500.00	499.68	478.00	478.00	3.49	3.41	141.74	821.96	851.56	1,192.10	1,184.41	7.69	155.086		
8,000.00	6,860.70	7,166.30	6,918.83	42.93	18.56	99.25	-501.75	957.38	1,170.70	1,130.77	39.93	29.318		
8,100.00	6,863.03	7,162.47	6,915.00	45.34	18.55	98.65	-501.94	957.61	1,076.04	1,034.97	41.08	26.197		
8,200.00	6,865.36	7,158.67	6,911.22	47.81	18.55	98.05	-502.13	957.83	982.43	939.88	42.56	23.085		
8,300.00	6,867.69	7,154.91	6,907.47	50.34	18.54	97.45	-502.32	958.05	890.20	845.72	44.48	20.014		
8,400.00	6,870.02	7,151.19	6,903.76	52.91	18.53	96.87	-502.51	958.27	799.82	752.84	46.98	17.026		
8,500.00	6,872.34	7,147.50	6,900.08	55.52	18.53	96.28	-502.69	958.49	711.99	661.77	50.22	14.177		
8,600.00	6,874.67	7,143.84	6,896.44	58.16	18.52	95.70	-502.87	958.70	627.80	573.37	54.43	11.534		
8,700.00	6,877.00	7,140.23	6,892.83	60.83	18.52	95.13	-503.05	958.91	548.91	489.07	59.84	9.173		
8,800.00	6,879.33	7,136.64	6,889.25	63.53	18.51	94.56	-503.23	959.12	477.97	411.37	66.60	7.177		
8,900.00	6,881.66	7,133.09	6,885.71	66.25	18.50	93.99	-503.40	959.32	419.02	344.56	74.47	5.627		
9,000.00	6,883.99	7,129.57	6,882.20	68.99	18.50	93.43	-503.57	959.53	377.73	295.43	82.31	4.589		
9,100.00	6,886.32	7,126.09	6,878.73	71.75	18.49	92.88	-503.74	959.73	360.22	272.39	87.83	4.101		
9,114.69	6,886.66	7,125.58	6,878.22	72.16	18.49	92.80	-503.77	959.76	359.92	271.62	88.30	4.076	CC, ES, SF	
9,200.00	6,888.65	7,122.64	6,875.29	74.52	18.49	92.33	-503.91	959.92	369.88	280.89	89.00	4.156		
9,300.00	6,890.98	7,119.21	6,871.88	77.31	18.48	91.79	-504.08	960.12	404.78	318.71	86.07	4.703		
9,400.00	6,893.30	7,115.83	6,868.50	80.11	18.48	91.25	-504.24	960.31	459.18	378.11	81.07	5.664		
9,500.00	6,895.63	7,112.47	6,865.15	82.92	18.47	90.71	-504.40	960.50	527.10	451.33	75.77	6.957		
9,600.00	6,897.96	7,109.14	6,861.83	85.75	18.47	90.18	-504.56	960.69	603.98	533.00	70.99	8.508		
9,700.00	6,900.29	7,105.84	6,858.54	88.58	18.46	89.66	-504.72	960.88	686.83	619.89	66.94	10.260		
9,800.00	6,902.62	7,102.57	6,855.28	91.42	18.45	89.14	-504.87	961.06	773.73	710.13	63.60	12.166		
9,900.00	6,904.95	7,099.36	6,852.07	94.26	18.45	88.63	-505.02	961.24	863.45	802.61	60.84	14.192		
10,000.00	6,907.28	7,096.26	6,848.99	97.12	18.44	88.14	-505.17	961.42	955.21	896.65	58.57	16.310		
10,100.00	6,909.61	7,093.21	6,845.95	99.98	18.44	87.66	-505.31	961.59	1,048.47	991.79	56.68	18.499		
10,200.00	6,911.93	7,090.21	6,842.95	102.84	18.43	87.19	-505.46	961.76	1,142.86	1,087.76	55.09	20.743		



Offset Design		5N-66W-07 Offsets - STEPHENS 7-11 - SRC Energy PR Well - Actual VES Surveys										Offset Site Error: 0.00 usft	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2" CONE_2.448										Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
11,200.00	6,935.22	6,857.70	6,851.98	131.77	15.03	-88.18	816.36	3,742.02	1,194.78	1,072.06	122.72	9.736	
11,300.00	6,937.55	6,855.44	6,849.73	134.68	15.03	-88.05	816.25	3,742.13	1,140.70	1,010.33	130.37	8.750	
11,400.00	6,939.88	6,853.16	6,847.46	137.59	15.02	-87.92	816.13	3,742.23	1,093.11	955.03	138.08	7.917	
11,500.00	6,942.21	6,850.88	6,845.18	140.51	15.02	-87.79	816.02	3,742.34	1,052.89	907.29	145.60	7.231	
11,600.00	6,944.53	6,848.58	6,842.88	143.43	15.01	-87.65	815.91	3,742.45	1,020.90	868.27	152.63	6.689	
11,700.00	6,946.86	6,846.26	6,840.58	146.35	15.01	-87.52	815.80	3,742.56	997.95	839.11	158.84	6.283	
11,800.00	6,949.19	6,843.94	6,838.26	149.27	15.00	-87.38	815.68	3,742.67	984.66	820.76	163.90	6.008	
11,881.84	6,951.10	6,842.02	6,836.35	151.66	15.00	-87.27	815.59	3,742.76	981.25	814.26	166.99	5.876	CC
11,900.00	6,951.52	6,841.60	6,835.92	152.19	15.00	-87.24	815.57	3,742.78	981.42	813.88	167.54	5.858	ES
12,000.00	6,953.85	6,839.25	6,833.57	155.12	14.99	-87.11	815.46	3,742.89	988.34	818.70	169.64	5.826	SF
12,100.00	6,956.18	6,836.88	6,831.21	158.04	14.99	-86.97	815.34	3,743.00	1,005.20	835.02	170.18	5.907	
12,200.00	6,958.51	6,834.50	6,828.84	160.97	14.98	-86.83	815.23	3,743.12	1,031.52	862.21	169.30	6.093	
12,300.00	6,960.83	6,832.10	6,826.45	163.90	14.98	-86.69	815.11	3,743.23	1,066.59	899.36	167.23	6.378	
12,400.00	6,963.16	6,829.70	6,824.05	166.83	14.97	-86.55	815.00	3,743.35	1,109.59	945.35	164.24	6.756	
12,500.00	6,965.49	6,827.27	6,821.63	169.76	14.97	-86.41	814.88	3,743.46	1,159.64	999.03	160.61	7.220	



Offset Design		5N-66W-07 Offsets - STEPHENS 7-12 - SRC Energy SI Well - Actual VES Surveys											Offset Site Error:		0.00 usft	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7000-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
9,600.00	6,897.96	6,858.64	6,851.99	85.75	15.18	-89.36	789.86	2,105.58	1,143.29	1,057.57	85.73	13.337				
9,700.00	6,900.29	6,855.40	6,848.75	88.58	15.17	-89.16	789.74	2,105.77	1,088.22	996.71	91.51	11.892				
9,800.00	6,902.62	6,852.17	6,845.53	91.42	15.16	-88.96	789.62	2,105.97	1,039.85	942.43	97.42	10.674				
9,900.00	6,904.95	6,848.96	6,842.33	94.26	15.16	-88.76	789.51	2,106.16	999.17	895.88	103.29	9.673				
10,000.00	6,907.28	6,845.77	6,839.14	97.12	15.15	-88.56	789.40	2,106.35	967.14	858.28	108.86	8.884				
10,100.00	6,909.61	6,842.59	6,835.98	99.98	15.14	-88.37	789.29	2,106.54	944.65	830.78	113.86	8.296				
10,200.00	6,911.93	6,839.43	6,832.82	102.84	15.14	-88.17	789.18	2,106.73	932.38	814.37	118.01	7.901				
10,265.25	6,913.45	6,837.38	6,830.78	104.71	15.13	-88.05	789.11	2,106.85	930.10	809.94	120.16	7.740 CC				
10,300.00	6,914.26	6,836.29	6,829.69	105.71	15.13	-87.98	789.07	2,106.91	930.74	809.64	121.10	7.686 ES				
10,400.00	6,916.59	6,833.16	6,826.57	108.59	15.12	-87.79	788.97	2,107.10	939.80	816.79	123.00	7.640 SF				
10,500.00	6,918.92	6,830.01	6,823.43	111.47	15.12	-87.61	788.86	2,107.28	960.63	836.91	123.72	7.764				
10,600.00	6,921.25	6,826.86	6,820.29	114.36	15.11	-87.42	788.76	2,107.47	991.68	868.30	123.38	8.038				
10,700.00	6,923.58	6,823.73	6,817.16	117.25	15.10	-87.22	788.66	2,107.65	1,031.53	909.35	122.17	8.443				
10,800.00	6,925.91	6,820.62	6,814.06	120.15	15.10	-87.03	788.56	2,107.84	1,079.18	958.87	120.31	8.970				
10,900.00	6,928.23	6,817.53	6,810.97	123.05	15.09	-86.84	788.47	2,108.02	1,133.66	1,015.65	118.01	9.606				
11,000.00	6,930.56	6,814.45	6,807.90	125.95	15.08	-86.65	788.37	2,108.20	1,194.04	1,078.60	115.45	10.343				



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 Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
9,200.00	6,888.65	6,915.45	6,908.31	74.52	15.24	124.95	-219.17	2,180.08	1,141.24	1,107.27	33.96	33.602			
9,300.00	6,890.98	6,911.23	6,904.10	77.31	15.23	122.81	-219.28	2,180.38	1,041.62	1,007.39	34.23	30.427			
9,400.00	6,893.30	6,907.55	6,900.43	80.11	15.22	120.86	-219.38	2,180.63	942.06	907.46	34.59	27.232			
9,500.00	6,895.63	6,902.76	6,895.65	82.92	15.21	118.20	-219.51	2,180.97	842.58	807.53	35.06	24.036			
9,600.00	6,897.96	6,897.96	6,890.86	85.75	15.20	115.40	-219.64	2,181.32	743.21	707.52	35.70	20.821			
9,700.00	6,900.29	6,893.14	6,886.06	88.58	15.19	112.47	-219.77	2,181.66	644.01	607.39	36.62	17.586			
9,800.00	6,902.62	6,888.31	6,881.24	91.42	15.18	109.41	-219.90	2,182.01	545.05	507.02	38.03	14.333			
9,900.00	6,904.95	6,883.46	6,876.40	94.26	15.17	106.24	-220.02	2,182.36	446.50	406.20	40.30	11.079			
10,000.00	6,907.28	6,878.59	6,871.55	97.12	15.16	102.96	-220.14	2,182.70	348.71	304.44	44.27	7.876			
10,100.00	6,909.61	6,873.72	6,866.69	99.98	15.15	99.58	-220.26	2,183.05	252.57	200.56	52.01	4.856			
10,200.00	6,911.93	6,868.82	6,861.81	102.84	15.14	96.15	-220.37	2,183.41	161.04	91.47	69.57	2.315			
10,300.00	6,914.26	6,863.91	6,856.92	105.71	15.13	92.66	-220.48	2,183.76	89.61	-21.28	110.90	0.808 Level 1			
10,339.74	6,915.19	6,861.96	6,854.97	106.86	15.12	91.27	-220.52	2,183.90	80.34	-42.09	122.43	0.656 Level 1, CC, ES, SF			
10,400.00	6,916.59	6,858.99	6,852.01	108.59	15.12	89.16	-220.59	2,184.11	100.39	-2.53	102.92	0.975 Level 1			
10,500.00	6,918.92	6,854.02	6,847.05	111.47	15.11	85.70	-220.69	2,184.47	178.45	111.18	67.27	2.653			
10,600.00	6,921.25	6,849.03	6,842.07	114.36	15.10	82.28	-220.79	2,184.83	271.05	218.73	52.31	5.181			
10,700.00	6,923.58	6,844.03	6,837.08	117.25	15.08	78.90	-220.89	2,185.19	367.48	322.06	45.42	8.091			
10,800.00	6,925.91	6,839.01	6,832.08	120.15	15.07	75.61	-220.99	2,185.56	465.36	423.60	41.77	11.142			
10,900.00	6,928.23	6,833.98	6,827.06	123.05	15.06	72.40	-221.08	2,185.92	563.95	524.31	39.64	14.225			
11,000.00	6,930.56	6,828.93	6,822.03	125.95	15.05	69.31	-221.17	2,186.28	662.92	624.59	38.33	17.296			
11,100.00	6,932.89	6,823.88	6,816.99	128.86	15.04	66.33	-221.25	2,186.65	762.13	724.65	37.48	20.336			
11,200.00	6,935.22	6,818.81	6,811.94	131.77	15.03	63.48	-221.34	2,187.02	861.49	824.58	36.91	23.343			
11,300.00	6,937.55	6,813.73	6,806.87	134.68	15.02	60.76	-221.41	2,187.39	960.96	924.44	36.52	26.315			
11,400.00	6,939.88	6,808.75	6,801.90	137.59	15.01	58.23	-221.49	2,187.75	1,060.50	1,024.25	36.25	29.256			
11,500.00	6,942.21	6,803.58	6,796.75	140.51	15.00	55.75	-221.56	2,188.13	1,160.10	1,124.03	36.07	32.164			



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								
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		
10,400.00	6,916.59	6,847.02	6,844.67	108.59	15.05	85.30	-364.53	3,396.99	1,174.76	1,132.08	42.68	27.523			
10,500.00	6,918.92	6,848.57	6,846.22	111.47	15.05	85.19	-364.52	3,396.98	1,076.56	1,032.00	44.56	24.158			
10,600.00	6,921.25	6,850.15	6,847.79	114.36	15.05	85.62	-364.52	3,396.97	978.60	931.78	46.82	20.901			
10,700.00	6,923.58	6,851.75	6,849.40	117.25	15.06	86.07	-364.52	3,396.96	881.10	831.44	49.65	17.744			
10,800.00	6,925.91	6,853.39	6,851.03	120.15	15.06	86.52	-364.51	3,396.95	784.22	730.95	53.27	14.721			
10,900.00	6,928.23	6,855.05	6,852.69	123.05	15.06	86.98	-364.51	3,396.94	688.23	630.25	57.98	11.869			
11,000.00	6,930.56	6,856.74	6,854.39	125.95	15.07	87.45	-364.50	3,396.93	593.56	529.29	64.27	9.235			
11,100.00	6,932.89	6,858.47	6,856.11	128.86	15.07	87.93	-364.50	3,396.93	500.97	428.06	72.91	6.871			
11,200.00	6,935.22	6,860.22	6,857.87	131.77	15.07	88.42	-364.49	3,396.92	411.84	326.71	85.12	4.838			
11,300.00	6,937.55	6,862.01	6,859.66	134.68	15.08	88.92	-364.48	3,396.91	329.01	226.31	102.70	3.204			
11,400.00	6,939.88	6,863.84	6,861.48	137.59	15.08	89.43	-364.47	3,396.90	258.61	131.69	126.91	2.038			
11,500.00	6,942.21	6,865.70	6,863.34	140.51	15.09	89.95	-364.47	3,396.89	213.31	61.65	151.66	1.407	Level 3		
11,556.92	6,943.53	6,866.77	6,864.41	142.17	15.09	90.25	-364.46	3,396.88	205.58	47.91	157.67	1.304	Level 3, CC, ES, SF		
11,600.00	6,944.53	6,867.59	6,865.23	143.43	15.09	90.47	-364.46	3,396.88	210.04	54.61	155.43	1.351	Level 3		
11,700.00	6,946.86	6,869.52	6,867.17	146.35	15.09	91.01	-364.45	3,396.87	250.45	115.74	134.72	1.859			
11,800.00	6,949.19	6,871.49	6,869.14	149.27	15.10	91.56	-364.44	3,396.86	318.32	207.21	111.11	2.865			
11,900.00	6,951.52	6,873.50	6,871.14	152.19	15.10	92.12	-364.43	3,396.85	399.90	306.59	93.31	4.286			
12,000.00	6,953.85	6,875.55	6,873.19	155.12	15.11	92.69	-364.42	3,396.85	488.37	407.57	80.81	6.044			
12,100.00	6,956.18	6,877.64	6,875.29	158.04	15.11	93.27	-364.41	3,396.84	580.59	508.66	71.94	8.071			
12,200.00	6,958.51	6,879.78	6,877.42	160.97	15.12	93.87	-364.40	3,396.83	675.03	609.56	65.46	10.312			
12,300.00	6,960.83	6,881.96	6,879.60	163.90	15.12	94.47	-364.38	3,396.82	770.86	710.25	60.60	12.720			
12,400.00	6,963.16	6,884.18	6,881.82	166.83	15.12	95.09	-364.37	3,396.82	867.63	810.76	56.87	15.257			
12,500.00	6,965.49	6,886.45	6,884.10	169.76	15.13	95.71	-364.36	3,396.81	965.05	911.12	53.93	17.894			
12,600.00	6,967.82	6,888.77	6,886.42	172.70	15.13	96.35	-364.34	3,396.80	1,062.95	1,011.36	51.59	20.605			
12,700.00	6,970.15	6,891.14	6,888.79	175.63	15.14	97.01	-364.32	3,396.80	1,161.20	1,111.51	49.68	23.372			



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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,000.00	6,907.28	6,914.50	6,847.90	97.12	15.34	-87.01	103.02	3,011.06	1,192.42	1,151.27	41.15	28.976			
10,100.00	6,909.61	6,915.51	6,848.91	99.98	15.34	-87.25	103.03	3,011.05	1,094.67	1,051.67	43.00	25.457			
10,200.00	6,911.93	6,916.51	6,849.91	102.84	15.35	-87.48	103.03	3,011.03	997.36	952.07	45.29	22.020			
10,300.00	6,914.26	6,917.51	6,850.91	105.71	15.35	-87.72	103.04	3,011.02	900.64	852.46	48.18	18.695			
10,400.00	6,916.59	6,918.49	6,851.89	108.59	15.35	-87.96	103.04	3,011.00	804.72	752.87	51.85	15.521			
10,500.00	6,918.92	6,919.47	6,852.87	111.47	15.35	-88.32	103.05	3,010.99	710.43	653.61	56.81	12.505			
10,600.00	6,921.25	6,920.43	6,853.83	114.36	15.35	-88.54	103.05	3,010.98	618.16	554.71	63.45	9.742			
10,700.00	6,923.58	6,921.39	6,854.79	117.25	15.36	-88.75	103.05	3,010.96	528.72	456.37	72.34	7.308			
10,800.00	6,925.91	6,922.34	6,855.74	120.15	15.36	-88.96	103.06	3,010.95	443.80	359.38	84.42	5.257			
10,900.00	6,928.23	6,923.29	6,856.69	123.05	15.36	-89.18	103.06	3,010.94	366.56	265.86	100.70	3.640			
11,000.00	6,930.56	6,924.23	6,857.63	125.95	15.36	-89.39	103.07	3,010.93	302.95	181.85	121.10	2.502			
11,100.00	6,932.89	6,925.16	6,858.56	128.86	15.36	-89.60	103.07	3,010.91	263.04	122.60	140.44	1.873			
11,162.96	6,934.36	6,925.74	6,859.14	130.69	15.36	-89.73	103.08	3,010.90	255.40	108.84	146.56	1.743	CC, ES, SF		
11,200.00	6,935.22	6,926.08	6,859.48	131.77	15.37	-89.80	103.08	3,010.90	258.07	111.41	146.66	1.760			
11,300.00	6,937.55	6,927.00	6,860.40	134.68	15.37	-90.01	103.08	3,010.89	289.84	153.81	136.02	2.131			
11,400.00	6,939.88	6,927.92	6,861.32	137.59	15.37	-90.22	103.09	3,010.87	348.44	229.32	119.12	2.925			
11,500.00	6,942.21	6,928.83	6,862.23	140.51	15.37	-90.42	103.09	3,010.86	422.86	319.02	103.84	4.072			
11,600.00	6,944.53	6,929.73	6,863.13	143.43	15.37	-90.62	103.10	3,010.85	506.18	414.25	91.92	5.507			
11,700.00	6,946.86	6,930.63	6,864.03	146.35	15.37	-90.82	103.10	3,010.84	594.65	511.76	82.90	7.173			
11,800.00	6,949.19	6,931.52	6,864.92	149.27	15.38	-91.02	103.11	3,010.82	686.30	610.28	76.02	9.028			
11,900.00	6,951.52	6,932.40	6,865.80	152.19	15.38	-91.22	103.11	3,010.81	780.00	709.31	70.70	11.033			
12,000.00	6,953.85	6,933.28	6,866.68	155.12	15.38	-91.42	103.11	3,010.80	875.10	808.61	66.50	13.160			
12,100.00	6,956.18	6,934.15	6,867.55	158.04	15.38	-91.61	103.12	3,010.79	971.18	908.06	63.12	15.385			
12,200.00	6,958.51	6,935.02	6,868.42	160.97	15.38	-91.81	103.12	3,010.77	1,067.98	1,007.61	60.37	17.689			
12,300.00	6,960.83	6,935.88	6,869.28	163.90	15.39	-92.00	103.13	3,010.76	1,165.32	1,107.22	58.10	20.056			



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		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
0.00	0.00	0.00	0.00	3.28	3.28	-32.01	582.15	-363.91	686.75				
100.00	100.00	81.58	81.58	3.28	3.28	-32.01	582.21	-363.97	686.62	679.27	7.35	93.358	
200.00	200.00	181.50	181.50	3.30	3.29	-32.03	582.27	-364.32	686.86	679.47	7.39	92.988	
300.00	300.00	280.05	280.04	3.34	3.32	63.44	582.15	-365.06	686.96	679.51	7.45	92.173	
400.00	399.93	375.17	375.16	3.40	3.36	63.63	582.29	-366.17	686.14	678.59	7.55	90.897	
500.00	499.68	481.49	481.46	3.49	3.41	64.10	582.25	-368.01	683.95	676.26	7.69	88.960	
600.00	599.13	581.42	581.37	3.60	3.48	64.81	581.28	-369.64	679.44	671.58	7.86	86.397	
700.00	698.15	687.00	686.93	3.74	3.56	65.90	580.08	-371.13	673.33	665.24	8.09	83.241	
800.00	796.63	782.75	782.67	3.93	3.64	67.18	578.48	-372.49	665.56	657.21	8.35	79.679	
900.00	894.44	881.92	881.82	4.16	3.74	68.85	577.24	-373.80	657.13	648.46	8.68	75.748	
1,000.00	991.50	979.12	979.00	4.44	3.85	70.76	575.84	-375.05	647.90	638.84	9.06	71.547	
1,100.00	1,088.37	1,073.43	1,073.29	4.76	3.96	72.59	574.67	-376.42	639.32	629.84	9.48	67.433	
1,200.00	1,185.24	1,166.96	1,166.80	5.11	4.08	74.43	573.85	-378.29	632.01	622.07	9.94	63.558	
1,300.00	1,282.11	1,262.89	1,262.72	5.49	4.21	76.40	573.66	-379.83	625.95	615.50	10.44	59.939	
1,400.00	1,378.97	1,361.33	1,361.15	5.88	4.34	78.49	573.56	-381.05	620.68	609.71	10.97	56.565	
1,500.00	1,475.84	1,457.77	1,457.57	6.29	4.48	80.51	573.13	-382.78	616.10	604.58	11.52	53.469	
1,600.00	1,572.71	1,551.64	1,551.43	6.71	4.62	82.53	573.16	-384.29	612.77	600.68	12.09	50.699	
1,700.00	1,669.57	1,646.30	1,646.07	7.14	4.77	84.57	573.69	-386.05	610.84	598.18	12.67	48.230	
1,800.00	1,766.44	1,742.01	1,741.76	7.38	4.92	86.68	574.56	-387.51	610.08	597.23	12.85	47.478	
1,816.00	1,781.94	1,757.30	1,757.06	7.40	4.95	87.02	574.72	-387.72	610.07	597.18	12.89	47.346	CC, ES
1,900.00	1,863.31	1,839.48	1,839.22	7.46	5.08	88.85	575.67	-388.79	610.42	597.34	13.08	46.684	
2,000.00	1,960.17	1,937.83	1,937.56	7.56	5.25	91.07	576.52	-389.64	611.38	598.05	13.34	45.846	
2,100.00	2,057.04	2,035.17	2,034.90	7.70	5.41	93.25	577.42	-390.61	613.35	599.72	13.62	45.018	
2,200.00	2,153.91	2,133.75	2,133.48	7.86	5.58	95.50	578.00	-390.91	615.92	601.98	13.94	44.176	
2,300.00	2,250.78	2,230.11	2,229.83	8.05	5.74	97.72	578.64	-390.71	619.55	605.27	14.28	43.382	
2,400.00	2,347.64	2,331.31	2,331.03	8.27	5.92	100.04	579.02	-390.39	623.92	609.27	14.65	42.588	
2,500.00	2,444.51	2,435.21	2,434.93	8.52	6.10	102.32	578.29	-390.83	628.12	613.07	15.04	41.755	
2,600.00	2,541.38	2,531.06	2,530.76	8.78	6.28	104.36	577.21	-391.84	632.73	617.29	15.44	40.980	
2,700.00	2,638.24	2,621.97	2,621.67	9.06	6.45	106.29	576.88	-392.29	639.03	623.19	15.84	40.342	
2,800.00	2,735.11	2,719.03	2,718.73	9.37	6.63	108.27	577.01	-393.12	646.56	630.30	16.26	39.754	
2,900.00	2,831.98	2,817.17	2,816.86	9.69	6.81	110.21	577.11	-394.28	654.79	638.08	16.70	39.208	
3,000.00	2,928.84	2,914.30	2,913.98	10.02	7.00	112.11	576.96	-395.03	663.64	646.50	17.14	38.716	
3,100.00	3,025.71	3,008.19	3,007.88	10.37	7.18	113.93	577.05	-395.41	673.57	655.99	17.58	38.313	
3,200.00	3,122.58	3,111.10	3,110.78	10.73	7.38	115.81	577.09	-396.48	683.97	665.93	18.04	37.905	
3,300.00	3,219.45	3,211.24	3,210.91	11.10	7.57	117.57	576.69	-397.98	694.47	675.96	18.51	37.521	
3,400.00	3,316.31	3,315.76	3,315.40	11.48	7.78	119.38	575.33	-399.55	704.77	685.79	18.98	37.124	
3,500.00	3,413.18	3,414.95	3,414.57	11.87	7.97	121.07	573.28	-401.02	715.02	695.57	19.45	36.761	
3,600.00	3,510.05	3,507.67	3,507.26	12.27	8.16	122.60	571.60	-402.28	726.16	706.26	19.91	36.479	
3,700.00	3,606.91	3,606.62	3,606.18	12.67	8.35	124.23	569.76	-403.22	738.03	717.65	20.37	36.226	
3,800.00	3,703.78	3,703.22	3,702.76	13.08	8.54	125.76	567.91	-404.19	750.40	729.56	20.84	36.014	
3,900.00	3,800.65	3,799.18	3,798.70	13.50	8.73	127.19	566.50	-405.62	763.40	742.10	21.30	35.839	
4,000.00	3,897.51	3,898.36	3,897.86	13.92	8.93	128.61	565.04	-407.21	776.83	755.06	21.77	35.678	
4,100.00	3,994.38	3,998.83	3,998.30	14.35	9.14	130.03	563.04	-408.63	790.41	768.16	22.25	35.528	
4,200.00	4,091.25	4,088.61	4,088.05	14.78	9.32	131.28	561.29	-409.56	804.68	781.98	22.70	35.454	
4,300.00	4,188.11	4,177.91	4,177.35	15.22	9.50	132.48	560.22	-409.99	820.31	797.16	23.14	35.447	
4,400.00	4,284.98	4,270.42	4,269.86	15.66	9.68	133.66	559.80	-410.11	837.11	813.51	23.60	35.478	
4,500.00	4,381.85	4,367.29	4,366.73	16.11	9.88	134.86	559.61	-410.12	854.56	830.50	24.06	35.518	
4,600.00	4,478.72	4,467.83	4,467.27	16.55	10.08	136.03	559.42	-410.51	872.14	847.60	24.54	35.542	
4,700.00	4,575.58	4,570.73	4,570.17	17.00	10.29	137.20	558.54	-410.99	889.51	864.49	25.02	35.548	
4,800.00	4,672.45	4,661.23	4,660.65	17.46	10.47	138.26	556.94	-410.81	907.02	881.55	25.47	35.616	
4,900.00	4,769.32	4,754.80	4,754.19	17.91	10.66	139.35	555.48	-409.53	925.78	899.87	25.91	35.725	
5,000.00	4,866.18	4,850.41	4,849.77	18.37	10.85	140.48	553.29	-407.71	944.78	918.42	26.36	35.840	
5,100.00	4,963.05	4,946.71	4,946.03	18.83	11.05	141.56	551.48	-405.84	964.43	937.62	26.81	35.968	
5,200.00	5,059.92	5,046.78	5,046.08	19.29	11.25	142.57	550.19	-404.95	984.04	956.76	27.29	36.064	
5,300.00	5,156.78	5,143.05	5,142.35	19.76	11.45	143.42	549.95	-405.17	1,003.77	976.01	27.76	36.161	
5,400.00	5,253.65	5,240.33	5,239.63	20.22	11.65	144.19	550.50	-405.87	1,023.85	995.61	28.24	36.255	
5,500.00	5,350.52	5,339.01	5,338.30	20.69	11.85	144.91	551.37	-407.21	1,043.83	1,015.10	28.73	36.331	
5,600.00	5,447.39	5,431.45	5,430.72	21.16	12.04	145.57	552.18	-408.22	1,064.16	1,034.96	29.20	36.441	
5,700.00	5,544.25	5,521.59	5,520.86	21.63	12.23	146.18	553.41	-408.87	1,085.21	1,055.55	29.67	36.580	
5,800.00	5,641.12	5,614.89	5,614.14	22.10	12.42	146.79	554.90	-409.07	1,106.91	1,076.77	30.14	36.725	
5,900.00	5,737.99	5,717.30	5,716.53	22.58	12.62	147.41	556.96	-409.87	1,128.56	1,097.91	30.65	36.820	
6,000.00	5,834.85	5,817.20	5,816.37	23.05	12.83	147.92	559.78	-411.55	1,150.08	1,118.92	31.16	36.906	
6,100.00	5,931.72	5,924.63	5,923.74	23.53	13.05	148.45	562.43	-414.18	1,170.86	1,139.16	31.70	36.931	
6,200.00	6,028.59	6,018.18	6,017.23	24.00	13.25	148.88	564.94	-416.60	1,191.74	1,159.54	32.20	37.011	
6,600.00	6,421.92	6,401.92	6,400.66	24.57	14.05	-42.47	576.22	-426.53	1,187.45	1,153.73	33.71	35.224	
6,700.00	6,513.18	6,494.14	6,492.87	24.67	14.24	-44.48	577.21	-426.91	1,156.94	1,122.86	34.08	33.944	



Offset Design5N-66W-07 Offsets - UPRC 7-4H6 - Noble Energy PR Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)		
6,800.00	6,596.96	6,574.19	6,572.91	24.87	14.40	-48.35	577.11	-426.36	1,116.47	1,081.95	34.52	32.346	
6,900.00	6,671.20	6,647.89	6,646.60	25.23	14.55	-54.01	576.64	-425.25	1,067.96	1,032.84	35.12	30.411	
7,000.00	6,734.09	6,712.10	6,710.81	25.80	14.68	-61.33	576.40	-424.40	1,013.55	977.56	35.99	28.165	
7,100.00	6,784.06	6,766.40	6,765.10	26.64	14.79	-69.88	576.01	-423.63	955.96	918.73	37.22	25.682	
7,200.00	6,819.89	6,806.18	6,804.88	27.74	14.87	-78.49	575.50	-422.98	898.40	859.51	38.89	23.101	
7,300.00	6,840.69	6,825.29	6,823.98	29.08	14.91	-85.55	575.27	-422.66	844.55	803.57	40.98	20.607	
7,400.00	6,846.73	6,832.22	6,830.91	30.59	14.92	-89.48	575.20	-422.54	797.87	754.43	43.44	18.368	
7,500.00	6,849.06	6,835.84	6,834.53	32.30	14.93	-89.76	575.17	-422.48	761.29	715.15	46.14	16.498	
7,600.00	6,851.39	6,839.46	6,838.15	34.17	14.94	-90.05	575.14	-422.41	736.55	687.63	48.93	15.054	
7,700.00	6,853.71	6,843.09	6,841.78	36.20	14.95	-90.34	575.11	-422.35	724.86	673.32	51.54	14.063	
7,735.55	6,854.54	6,844.38	6,843.07	36.96	14.95	-90.44	575.10	-422.33	723.99	671.59	52.40	13.817	
7,800.00	6,856.04	6,846.73	6,845.41	38.34	14.95	-90.62	575.08	-422.29	726.85	673.09	53.76	13.520	
7,900.00	6,858.37	6,850.37	6,849.05	40.59	14.96	-90.91	575.06	-422.23	742.41	686.98	55.43	13.394 SF	
8,000.00	6,860.70	6,854.01	6,852.69	42.93	14.97	-91.20	575.04	-422.16	770.71	714.21	56.50	13.641	
8,100.00	6,863.03	6,857.66	6,856.34	45.34	14.98	-91.49	575.01	-422.10	810.43	753.40	57.03	14.211	
8,200.00	6,865.36	6,861.31	6,859.99	47.81	14.98	-91.78	575.00	-422.04	859.98	802.85	57.12	15.055	
8,300.00	6,867.69	6,864.97	6,863.65	50.34	14.99	-92.06	574.98	-421.97	917.77	860.86	56.91	16.127	
8,400.00	6,870.02	6,868.63	6,867.31	52.91	15.00	-92.35	574.96	-421.91	982.35	925.85	56.50	17.387	
8,500.00	6,872.34	6,872.30	6,870.98	55.52	15.01	-92.64	574.95	-421.85	1,052.47	996.50	55.97	18.805	
8,600.00	6,874.67	6,875.97	6,874.65	58.16	15.01	-92.93	574.94	-421.78	1,127.09	1,071.71	55.38	20.351	



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 (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	-136.26	-397.81	-380.63	550.94					
100.00	100.00	79.86	79.86	3.28	3.28	-136.28	-397.95	-380.50	550.59	543.23	7.35	74.863		
200.00	200.00	180.93	180.93	3.30	3.29	-136.34	-398.28	-380.09	550.54	543.15	7.39	74.537		
300.00	300.00	280.91	280.91	3.34	3.32	-40.90	-398.30	-379.79	550.02	542.56	7.45	73.799		
400.00	399.93	379.58	379.58	3.40	3.36	-41.15	-398.15	-379.85	547.32	539.77	7.55	72.487		
500.00	499.68	477.18	477.17	3.49	3.40	-41.65	-398.07	-380.29	542.33	534.65	7.68	70.580		
600.00	599.13	576.45	576.44	3.60	3.47	-42.42	-398.01	-381.13	535.07	527.22	7.86	68.117		
700.00	698.15	675.72	675.71	3.74	3.54	-43.51	-397.91	-381.95	525.32	517.26	8.07	65.133		
800.00	796.63	775.06	775.04	3.93	3.63	-44.93	-397.72	-382.79	513.19	504.87	8.32	61.701		
900.00	894.44	872.86	872.84	4.16	3.72	-46.72	-397.47	-383.54	498.82	490.21	8.61	57.914		
1,000.00	991.50	970.19	970.17	4.44	3.83	-48.85	-397.26	-384.32	482.73	473.77	8.96	53.874		
1,100.00	1,088.37	1,067.87	1,067.85	4.76	3.94	-51.02	-396.96	-385.09	466.66	457.31	9.35	49.925		
1,200.00	1,185.24	1,165.75	1,165.72	5.11	4.06	-53.36	-396.58	-385.69	451.13	441.36	9.78	46.147		
1,300.00	1,282.11	1,263.23	1,263.19	5.49	4.19	-55.84	-395.99	-386.29	436.24	426.00	10.24	42.588		
1,400.00	1,378.97	1,360.60	1,360.56	5.88	4.33	-58.44	-395.26	-387.03	422.15	411.40	10.75	39.281		
1,500.00	1,475.84	1,458.00	1,457.96	6.29	4.47	-61.23	-394.48	-387.65	408.92	397.63	11.28	36.236		
1,600.00	1,572.71	1,556.24	1,556.19	6.71	4.61	-64.18	-393.44	-388.48	396.57	384.71	11.85	33.453		
1,700.00	1,669.57	1,654.29	1,654.23	7.14	4.77	-67.25	-391.95	-389.47	384.97	372.52	12.45	30.917		
1,800.00	1,766.44	1,752.26	1,752.17	7.38	4.92	-70.46	-390.26	-390.59	374.39	361.72	12.68	29.530		
1,900.00	1,863.31	1,850.04	1,849.91	7.46	5.08	-73.70	-388.08	-392.54	364.76	351.81	12.95	28.162		
2,000.00	1,960.17	1,947.29	1,947.10	7.56	5.25	-77.00	-385.83	-394.91	356.37	343.12	13.26	26.878		
2,100.00	2,057.04	2,044.42	2,044.18	7.70	5.41	-80.45	-383.59	-397.21	349.29	335.69	13.60	25.688		
2,200.00	2,153.91	2,141.02	2,140.73	7.86	5.58	-84.04	-381.53	-399.31	343.74	329.77	13.96	24.618		
2,300.00	2,250.78	2,237.77	2,237.45	8.05	5.75	-87.77	-379.68	-401.13	339.90	325.55	14.35	23.683		
2,400.00	2,347.64	2,335.19	2,334.84	8.27	5.93	-91.59	-377.83	-402.94	337.64	322.88	14.76	22.875		
2,496.40	2,441.03	2,429.18	2,428.79	8.51	6.10	-95.32	-375.99	-404.62	336.94	321.77	15.17	22.217		
2,500.00	2,444.51	2,432.70	2,432.31	8.52	6.11	-95.46	-375.92	-404.69	336.94	321.76	15.18	22.195		
2,600.00	2,541.38	2,530.25	2,529.82	8.78	6.29	-99.32	-373.91	-406.57	337.72	322.11	15.61	21.638		
2,700.00	2,638.24	2,627.11	2,626.65	9.06	6.47	-103.14	-371.90	-408.26	340.15	324.11	16.04	21.210		
2,800.00	2,735.11	2,724.21	2,723.72	9.37	6.65	-106.92	-369.94	-409.84	344.24	327.78	16.46	20.907		
2,900.00	2,831.98	2,821.90	2,821.37	9.69	6.84	-110.63	-367.87	-411.39	349.81	332.92	16.89	20.711		
3,000.00	2,928.84	2,919.58	2,919.01	10.02	7.02	-114.21	-365.67	-413.06	356.69	339.38	17.31	20.607		
3,100.00	3,025.71	3,016.70	3,016.10	10.37	7.21	-117.61	-363.50	-414.80	364.92	347.20	17.72	20.592		
3,200.00	3,122.58	3,114.00	3,113.35	10.73	7.40	-120.88	-361.28	-416.50	374.43	356.30	18.13	20.654		
3,300.00	3,219.45	3,210.83	3,210.14	11.10	7.59	-124.04	-358.82	-417.80	385.20	366.67	18.53	20.791		
3,400.00	3,316.31	3,307.98	3,307.24	11.48	7.78	-127.17	-355.71	-418.38	397.15	378.24	18.91	20.997		
3,500.00	3,413.18	3,402.00	3,401.19	11.87	7.96	-130.18	-352.14	-417.90	410.61	391.33	19.28	21.296		
3,600.00	3,510.05	3,492.50	3,491.61	12.27	8.14	-133.01	-348.68	-416.19	426.23	406.60	19.63	21.717		
3,700.00	3,606.91	3,585.20	3,584.20	12.67	8.32	-135.78	-345.43	-413.36	444.04	424.07	19.97	22.236		
3,800.00	3,703.78	3,679.79	3,678.69	13.08	8.51	-138.40	-342.38	-410.06	463.38	443.06	20.32	22.805		
3,900.00	3,800.65	3,771.11	3,769.92	13.50	8.68	-140.68	-340.03	-406.75	484.11	463.44	20.67	23.426		
4,000.00	3,897.51	3,865.26	3,863.99	13.92	8.87	-142.77	-338.60	-403.02	506.38	485.35	21.03	24.077		
4,100.00	3,994.38	3,963.47	3,962.11	14.35	9.06	-144.76	-337.15	-399.29	529.18	507.76	21.42	24.703		
4,200.00	4,091.25	4,063.19	4,061.77	14.78	9.25	-146.56	-335.74	-396.27	551.88	530.05	21.83	25.283		
4,300.00	4,188.11	4,164.16	4,162.71	15.22	9.46	-148.23	-334.13	-393.95	574.33	552.08	22.25	25.814		
4,400.00	4,284.98	4,263.57	4,262.08	15.66	9.65	-149.74	-332.23	-392.38	596.42	573.75	22.67	26.308		
4,500.00	4,381.85	4,361.40	4,359.88	16.11	9.85	-151.13	-330.16	-391.08	618.58	595.48	23.09	26.784		
4,600.00	4,478.72	4,458.51	4,456.96	16.55	10.05	-152.43	-327.97	-389.90	640.89	617.37	23.52	27.247		
4,700.00	4,575.58	4,554.19	4,552.62	17.00	10.24	-153.62	-325.80	-388.75	663.48	639.53	23.95	27.703		
4,800.00	4,672.45	4,648.95	4,647.32	17.46	10.44	-154.77	-323.21	-387.22	686.56	662.18	24.38	28.166		
4,900.00	4,769.32	4,743.64	4,741.95	17.91	10.63	-155.86	-320.47	-385.42	710.12	685.32	24.81	28.628		
5,000.00	4,866.18	4,838.54	4,836.79	18.37	10.83	-156.90	-317.63	-383.37	734.14	708.90	25.24	29.087		
5,100.00	4,963.05	4,934.54	4,932.73	18.83	11.02	-157.89	-314.76	-381.17	758.49	732.80	25.68	29.532		
5,200.00	5,059.92	5,032.01	5,030.13	19.29	11.22	-158.83	-311.97	-379.07	782.95	756.81	26.14	29.954		
5,300.00	5,156.78	5,129.98	5,128.05	19.76	11.43	-159.68	-309.45	-377.24	807.40	780.80	26.60	30.350		
5,400.00	5,253.65	5,227.54	5,225.57	20.22	11.63	-160.47	-307.06	-375.64	831.82	804.75	27.07	30.727		
5,500.00	5,350.52	5,323.65	5,321.64	20.69	11.83	-161.20	-304.74	-374.13	856.32	828.78	27.54	31.095		
5,600.00	5,447.39	5,418.68	5,416.62	21.16	12.02	-161.90	-302.17	-372.45	881.06	853.06	28.00	31.462		
5,700.00	5,544.25	5,516.00	5,513.88	21.63	12.23	-162.60	-299.35	-370.66	905.97	877.49	28.48	31.810		
5,800.00	5,641.12	5,616.43	5,614.26	22.10	12.44	-163.26	-296.52	-369.18	930.66	901.68	28.97	32.121		
5,900.00	5,737.99	5,713.18	5,710.97	22.58	12.64	-163.85	-294.08	-368.01	955.25	925.79	29.46	32.428		
6,000.00	5,834.85	5,809.44	5,807.20	23.05	12.84	-164.40	-291.92	-366.90	979.93	949.98	29.94	32.725		
6,100.00	5,931.72	5,903.58	5,901.31	23.53	13.04	-164.89	-290.01	-365.70	1,004.83	974.40	30.43	33.025		
6,200.00	6,028.59	6,000.77	5,998.48	24.00	13.24	-165.36	-288.28	-364.43	1,029.86	998.94	30.92	33.303		
6,300.00	6,126.39	6,098.39	6,096.09	24.31	13.45	-161.20	-286.80	-363.25	1,050.59	1,019.24	31.35	33.507		
6,400.00	6,226.12	6,200.53	6,198.21	24.44	13.66	-34.23	-285.26	-362.13	1,056.33	1,024.62	31.71	33.312		



Offset Design 5N-66W-07 Offsets - UPRC 7-5H6 - Noble Energy PR Well - Actual VES Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7250-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
6,500.00	6,325.45	6,303.84	6,301.50	24.51	13.88	0.84	-283.41	-361.29	1,046.26	1,014.25	32.01	32.688		
6,600.00	6,421.92	6,402.30	6,399.93	24.57	14.08	4.49	-281.41	-360.72	1,020.66	988.43	32.23	31.668		
6,700.00	6,513.18	6,494.70	6,492.31	24.67	14.28	6.43	-279.54	-360.33	980.30	947.91	32.39	30.265		
6,800.00	6,596.96	6,581.31	6,578.91	24.87	14.46	8.36	-277.87	-360.14	926.16	893.65	32.52	28.483		
6,900.00	6,671.20	6,650.30	6,647.89	25.23	14.61	10.89	-276.73	-359.99	859.83	827.25	32.58	26.389		
7,000.00	6,734.09	6,707.77	6,705.35	25.80	14.73	14.82	-276.32	-359.48	783.47	750.81	32.65	23.994		
7,100.00	6,784.06	6,755.70	6,753.28	26.64	14.83	21.67	-276.33	-358.84	698.78	666.00	32.78	21.316		
7,200.00	6,819.89	6,790.91	6,788.49	27.74	14.90	34.67	-276.53	-358.27	607.84	574.82	33.02	18.410		
7,300.00	6,840.69	6,812.97	6,810.54	29.08	14.95	59.37	-276.74	-357.87	513.07	479.61	33.46	15.334		
7,400.00	6,846.73	6,820.77	6,818.33	30.59	14.96	82.16	-276.82	-357.74	417.34	383.05	34.29	12.171		
7,500.00	6,849.06	6,824.84	6,822.41	32.30	14.97	83.96	-276.87	-357.67	323.73	287.81	35.92	9.013		
7,600.00	6,851.39	6,828.90	6,826.46	34.17	14.98	85.76	-276.91	-357.59	235.36	195.98	39.38	5.977		
7,700.00	6,853.71	6,832.94	6,830.50	36.20	14.99	87.55	-276.96	-357.52	161.11	114.49	46.61	3.456		
7,797.44	6,855.98	6,836.85	6,834.42	38.29	14.99	89.30	-277.01	-357.46	128.36	74.52	53.84	2.384 CC		
7,800.00	6,856.04	6,836.96	6,834.52	38.34	14.99	89.35	-277.01	-357.45	128.38	74.51	53.87	2.383 ES, SF		
7,900.00	6,858.37	6,840.96	6,838.53	40.59	15.00	91.13	-277.06	-357.39	164.25	116.01	48.24	3.405		
8,000.00	6,860.70	6,844.95	6,842.51	42.93	15.01	92.91	-277.11	-357.32	239.67	198.08	41.59	5.763		
8,100.00	6,863.03	6,848.92	6,846.49	45.34	15.02	94.67	-277.16	-357.25	328.44	290.40	38.04	8.634		
8,200.00	6,865.36	6,852.88	6,850.44	47.81	15.03	96.41	-277.21	-357.18	422.22	386.06	36.16	11.677		
8,300.00	6,867.69	6,856.82	6,854.38	50.34	15.03	98.13	-277.26	-357.12	518.30	483.23	35.07	14.780		
8,400.00	6,870.02	6,860.75	6,858.30	52.91	15.04	99.83	-277.32	-357.05	615.61	581.22	34.39	17.901		
8,500.00	6,872.34	6,864.65	6,862.21	55.52	15.05	101.51	-277.37	-356.98	713.64	679.70	33.94	21.027		
8,600.00	6,874.67	6,868.54	6,866.10	58.16	15.06	103.15	-277.43	-356.92	812.13	778.50	33.62	24.153		
8,700.00	6,877.00	6,872.42	6,869.98	60.83	15.07	104.77	-277.49	-356.85	910.93	877.53	33.40	27.274		
8,800.00	6,879.33	6,876.28	6,873.84	63.53	15.07	106.36	-277.54	-356.79	1,009.95	976.72	33.23	30.391		
8,900.00	6,881.66	6,880.13	6,877.68	66.25	15.08	107.91	-277.60	-356.73	1,109.14	1,076.03	33.11	33.502		



Offset Design5N-66W-08 Offsets Need HZ - MOEN 8-7H6 - SRC Energy SI Well - No Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth	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	
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
14,900.00	7,021.38	6,903.62	6,896.38	240.39	242.86	87.62	-815.54	7,771.19	1,191.40	827.08	364.32	3.270	
15,000.00	7,023.71	6,901.29	6,898.71	243.34	242.78	87.85	-815.54	7,771.19	1,105.29	730.55	374.75	2.949	
15,100.00	7,026.04	6,901.04	6,901.04	246.30	242.77	88.08	-815.54	7,771.19	1,021.71	635.02	386.69	2.642	
15,200.00	7,028.36	6,903.36	6,903.36	249.25	242.85	88.31	-815.54	7,771.19	941.33	540.97	400.36	2.351	
15,300.00	7,030.69	6,905.69	6,905.69	252.20	242.94	88.54	-815.54	7,771.19	865.05	449.27	415.78	2.081	
15,400.00	7,033.02	6,908.02	6,908.02	255.15	243.02	88.77	-815.54	7,771.19	794.04	361.11	432.93	1.834	
15,500.00	7,035.35	6,910.35	6,910.35	258.10	243.10	88.99	-815.54	7,771.19	729.85	278.32	451.52	1.616	
15,600.00	7,037.68	6,912.68	6,912.68	261.05	243.18	89.22	-815.54	7,771.19	674.42	203.68	470.74	1.433	Level 3
15,700.00	7,040.01	6,915.01	6,915.01	264.01	243.27	89.45	-815.54	7,771.19	630.08	141.04	489.04	1.288	Level 3
15,800.00	7,042.34	6,917.34	6,917.34	266.96	243.35	89.68	-815.54	7,771.19	599.29	95.16	504.13	1.189	Level 2
15,900.00	7,044.66	6,919.66	6,919.66	269.91	243.43	89.91	-815.54	7,771.19	584.19	70.74	513.46	1.138	Level 2
15,939.37	7,045.58	6,920.58	6,920.58	271.08	243.46	90.00	-815.54	7,771.19	582.87	67.75	515.11	1.132	Level 2, CC, ES, SF
16,000.00	7,046.99	6,921.99	6,921.99	272.87	243.51	90.14	-815.54	7,771.19	586.01	70.74	515.27	1.137	Level 2
16,100.00	7,049.32	6,924.32	6,924.32	275.82	243.60	90.37	-815.54	7,771.19	604.58	95.02	509.57	1.186	Level 2
16,200.00	7,051.65	6,926.65	6,926.65	278.78	243.68	90.60	-815.54	7,771.19	638.45	140.43	498.03	1.282	Level 3
16,300.00	7,053.98	6,928.98	6,928.98	281.73	243.76	90.83	-815.54	7,771.19	685.36	202.28	483.08	1.419	Level 3
16,400.00	7,056.31	6,931.31	6,931.31	284.69	243.84	91.05	-815.54	7,771.19	742.83	275.95	466.88	1.591	
16,500.00	7,058.64	6,933.64	6,933.64	287.64	243.93	91.28	-815.54	7,771.19	808.62	357.70	450.92	1.793	
16,600.00	7,060.96	6,935.96	6,935.96	290.60	244.01	91.51	-815.54	7,771.19	880.87	444.87	436.00	2.020	
16,700.00	7,063.29	6,938.29	6,938.29	293.55	244.09	91.74	-815.54	7,771.19	958.11	535.66	422.45	2.268	
16,800.00	7,065.62	6,940.62	6,940.62	296.51	244.17	91.97	-815.54	7,771.19	1,039.24	628.89	410.35	2.533	
16,900.00	7,067.95	6,942.95	6,942.95	299.46	244.26	92.20	-815.54	7,771.19	1,123.41	723.79	399.62	2.811	



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			
16,100.00	7,049.32	6,920.32	6,920.32	275.82	243.45	85.51	-578.32	9,030.79	1,141.91	814.67	327.24	3.490			
16,200.00	7,051.65	6,922.65	6,922.65	278.78	243.54	85.92	-578.32	9,030.79	1,046.44	711.33	335.11	3.123			
16,300.00	7,053.98	6,924.98	6,924.98	281.73	243.62	86.33	-578.32	9,030.79	951.90	607.40	344.50	2.763			
16,400.00	7,056.31	6,927.31	6,927.31	284.69	243.70	86.73	-578.32	9,030.79	858.59	502.75	355.84	2.413			
16,500.00	7,058.64	6,929.64	6,929.64	287.64	243.78	87.14	-578.32	9,030.79	766.96	397.25	369.71	2.075			
16,600.00	7,060.96	6,931.96	6,931.96	290.60	243.87	87.55	-578.32	9,030.79	677.69	290.81	386.89	1.752			
16,700.00	7,063.29	6,934.29	6,934.29	293.55	243.95	87.97	-578.32	9,030.79	591.86	183.47	408.39	1.449	Level 3		
16,800.00	7,065.62	6,936.62	6,936.62	296.51	244.03	88.38	-578.32	9,030.79	511.20	75.88	435.31	1.174	Level 2		
16,900.00	7,067.95	6,938.95	6,938.95	299.46	244.11	88.79	-578.32	9,030.79	438.55	-29.69	468.25	0.937	Level 1		
17,000.00	7,070.28	6,941.28	6,941.28	302.42	244.20	89.20	-578.32	9,030.79	378.59	-126.76	505.34	0.749	Level 1		
17,100.00	7,072.61	6,943.61	6,943.61	305.38	244.28	89.61	-578.32	9,030.79	338.10	-200.48	538.58	0.628	Level 1		
17,195.14	7,074.82	6,945.82	6,945.82	308.19	244.36	90.00	-578.32	9,030.79	324.45	-228.67	553.12	0.587	Level 1, CC		
17,200.00	7,074.94	6,945.94	6,945.94	308.33	244.36	90.02	-578.32	9,030.79	324.49	-228.72	553.20	0.587	Level 1, ES, SF		
17,300.00	7,077.26	6,948.26	6,948.26	311.29	244.44	90.43	-578.32	9,030.79	340.96	-199.69	540.66	0.631	Level 1		
17,331.95	7,078.01	6,949.01	6,949.01	312.23	244.47	90.56	-578.32	9,030.79	352.10	-180.24	532.34	0.661	Level 1		



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 (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	7,065.62	6,844.04	6,703.96	296.51	32.96	67.47	-957.36	9,554.43	1,187.10	981.75	205.34	5.781	
16,900.00	7,067.95	6,857.60	6,716.73	299.46	33.07	68.34	-956.57	9,558.95	1,111.32	892.07	219.24	5.069	
17,000.00	7,070.28	6,873.03	6,731.12	302.42	33.20	69.34	-955.68	9,564.45	1,039.13	804.73	234.41	4.433	
17,100.00	7,072.61	6,900.00	6,755.89	305.38	33.42	71.09	-954.15	9,574.98	971.33	720.71	250.61	3.876	
17,200.00	7,074.94	6,900.00	6,755.89	308.33	33.42	71.09	-954.15	9,574.98	908.53	640.20	268.33	3.386	
17,300.00	7,077.26	6,934.92	6,787.19	311.29	33.84	73.37	-952.23	9,590.34	851.51	565.20	286.31	2.974	
17,331.95	7,078.01	6,943.35	6,794.60	312.23	33.94	73.92	-951.78	9,594.33	834.75	541.93	292.82	2.851	CC, ES, SF



Offset Design		5N-66W-08 Offsets Need HZ - TC AIMS 2-9-11 - 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 (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
17,200.00	7,074.94	6,844.47	6,746.30	308.33	32.57	76.17	-1,263.80	9,574.03	1,165.45	868.85	296.60	3.929	
17,300.00	7,077.26	6,866.89	6,766.71	311.29	32.78	77.26	-1,263.87	9,583.33	1,121.83	811.73	310.10	3.618	
17,331.95	7,078.01	6,874.87	6,773.88	312.23	32.86	77.65	-1,263.89	9,586.82	1,109.23	794.59	314.64	3.525	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 (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	7,067.95	6,924.10	6,805.41	299.46	31.93	77.59	-1,103.62	9,528.76	1,174.05	929.20	244.85	4.795		
17,000.00	7,070.28	6,948.41	6,829.11	302.42	32.07	79.12	-1,103.30	9,534.12	1,108.27	848.00	260.28	4.258		
17,100.00	7,072.61	6,972.71	6,852.81	305.38	32.21	80.67	-1,102.97	9,539.49	1,047.35	770.89	276.46	3.788		
17,200.00	7,074.94	6,983.36	6,863.15	308.33	32.29	81.36	-1,102.83	9,542.03	992.39	699.37	293.02	3.387		
17,300.00	7,077.26	7,000.00	6,879.22	311.29	32.39	82.42	-1,102.62	9,546.36	944.44	635.09	309.35	3.053		
17,331.95	7,078.01	7,000.00	6,879.22	312.23	32.39	82.42	-1,102.62	9,546.36	930.78	616.02	314.75	2.957 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							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre +N/-S	Centre +E/-W	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
16,900.00	7,067.95	6,905.97	6,564.62	299.46	49.08	-62.50	552.18	9,505.71	1,179.54	945.05	234.49	5.030	
17,000.00	7,070.28	6,926.67	6,584.00	302.42	49.25	-63.75	558.26	9,509.64	1,119.21	870.26	248.95	4.496	
17,100.00	7,072.61	6,947.36	6,603.39	305.38	49.43	-65.01	564.33	9,513.58	1,064.48	800.28	264.19	4.029	
17,200.00	7,074.94	6,968.05	6,622.77	308.33	49.61	-66.27	570.41	9,517.51	1,016.24	736.28	279.95	3.630	
17,300.00	7,077.26	6,988.75	6,642.16	311.29	49.78	-67.54	576.49	9,521.45	975.45	679.66	295.79	3.298	
17,331.95	7,078.01	6,995.36	6,648.35	312.23	49.84	-67.95	578.43	9,522.71	964.15	662.99	301.16	3.201	CC, ES, SF



Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 2-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:		0.00 usft	
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
16,700.00	7,063.29	6,889.42	6,642.25	293.55	44.84	-57.43	280.69	9,526.22	1,162.74	996.06	166.68	6.976			
16,800.00	7,065.62	6,900.00	6,652.34	296.51	44.92	-58.30	283.05	9,528.37	1,080.83	902.36	178.47	6.056			
16,900.00	7,067.95	6,900.00	6,652.34	299.46	44.92	-58.30	283.05	9,528.37	1,002.05	810.88	191.17	5.242			
17,000.00	7,070.28	6,900.00	6,652.34	302.42	44.92	-58.30	283.05	9,528.37	927.37	721.96	205.41	4.515			
17,100.00	7,072.61	6,930.62	6,681.28	305.38	45.17	-60.85	289.82	9,535.68	856.73	633.13	223.60	3.831			
17,200.00	7,074.94	6,945.47	6,695.17	308.33	45.29	-62.10	293.07	9,539.80	792.41	549.85	242.56	3.267			
17,300.00	7,077.26	6,963.15	6,711.58	311.29	45.44	-63.59	296.90	9,545.18	735.41	472.11	263.30	2.793			
17,331.95	7,078.01	6,969.52	6,717.45	312.23	45.50	-64.12	298.27	9,547.25	719.01	447.96	271.05	2.653	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							
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)		
16,600.00	7,060.96	6,889.62	6,659.22	290.60	40.90	-34.40	-35.61	9,530.27	1,150.03	1,058.80	91.23	12.606	
16,700.00	7,063.29	6,900.00	6,669.07	293.55	40.98	-35.46	-33.49	9,532.73	1,056.79	959.71	97.08	10.886	
16,800.00	7,065.62	6,900.00	6,669.07	296.51	40.98	-35.46	-33.49	9,532.73	964.73	861.11	103.62	9.311	
16,900.00	7,067.95	6,900.00	6,669.07	299.46	40.98	-35.46	-33.49	9,532.73	874.42	762.97	111.45	7.846	
17,000.00	7,070.28	6,932.90	6,700.01	302.42	41.27	-39.05	-26.81	9,541.72	784.88	662.20	122.69	6.397	
17,100.00	7,072.61	6,947.99	6,714.01	305.38	41.41	-40.80	-23.79	9,546.44	698.25	562.72	135.52	5.152	
17,200.00	7,074.94	6,965.60	6,730.20	308.33	41.56	-42.93	-20.30	9,552.44	614.76	463.04	151.72	4.052	
17,300.00	7,077.26	7,000.00	6,761.27	311.29	41.87	-47.33	-13.61	9,565.60	535.92	362.49	173.43	3.090	
17,331.95	7,078.01	7,000.00	6,761.27	312.23	41.87	-47.33	-13.61	9,565.60	511.57	328.25	183.32	2.791	CC, ES, SF



Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST 4-9-11 - Extraction PR Well (Plan Only) - PI										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,600.00	7,060.96	6,874.27	6,677.42	290.60	37.39	15.52	-349.33	9,538.99	1,139.55	1,074.29	65.25	17.463	
16,700.00	7,063.29	6,884.35	6,686.96	293.55	37.47	15.67	-347.58	9,541.75	1,043.95	976.61	67.34	15.504	
16,800.00	7,065.62	6,900.00	6,701.67	296.51	37.59	15.91	-344.90	9,546.36	948.95	879.51	69.44	13.666	
16,900.00	7,067.95	6,900.00	6,701.67	299.46	37.59	15.91	-344.90	9,546.36	854.68	781.41	73.27	11.666	
17,000.00	7,070.28	6,900.00	6,701.67	302.42	37.59	15.91	-344.90	9,546.36	761.88	683.79	78.09	9.757	
17,100.00	7,072.61	6,940.07	6,738.72	305.38	37.99	16.64	-338.14	9,560.03	668.55	588.75	79.81	8.377	
17,200.00	7,074.94	6,959.63	6,756.43	308.33	38.18	17.06	-334.91	9,567.65	577.31	492.77	84.54	6.829	
17,300.00	7,077.26	7,000.00	6,792.15	311.29	38.58	18.11	-328.41	9,585.30	488.25	400.67	87.58	5.575	
17,331.95	7,078.01	7,000.00	6,792.15	312.23	38.58	18.11	-328.41	9,585.30	459.60	360.20	99.40	4.624	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	
16,700.00	7,063.29	6,852.56	6,694.70	293.55	34.51	52.71	-650.12	9,547.83	1,118.25	982.48	135.77	8.236	
16,800.00	7,065.62	6,864.56	6,706.02	296.51	34.61	53.67	-648.74	9,551.57	1,028.97	883.38	145.59	7.068	
16,900.00	7,067.95	6,900.00	6,738.96	299.46	34.89	56.66	-644.74	9,564.00	942.02	785.99	156.04	6.037	
17,000.00	7,070.28	6,900.00	6,738.96	302.42	34.89	56.66	-644.74	9,564.00	855.96	685.99	169.97	5.036	
17,100.00	7,072.61	6,900.00	6,738.96	305.38	34.89	56.66	-644.74	9,564.00	773.26	586.93	186.33	4.150	
17,200.00	7,074.94	6,931.70	6,767.74	308.33	35.24	59.50	-641.25	9,576.84	693.65	489.51	204.14	3.398	
17,300.00	7,077.26	6,955.53	6,788.88	311.29	35.51	61.73	-638.69	9,587.53	618.59	393.07	225.52	2.743	
17,331.95	7,078.01	6,963.99	6,796.27	312.23	35.60	62.54	-637.80	9,591.54	595.73	361.01	234.73	2.538	CC, ES, SF



Offset Design		5N-66W-08 Offsets Need HZ - TC COUNTRY CLUB WEST A2-9-11 - Extraction PR Well (Plan Only) - P										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
16,600.00	7,060.96	6,898.63	6,644.76	290.60	42.80	-47.34	111.48	9,526.39	1,185.52	1,062.28	123.24	9.620	
16,700.00	7,063.29	6,902.21	6,648.16	293.55	42.83	-47.69	112.32	9,527.12	1,095.94	964.48	131.46	8.337	
16,800.00	7,065.62	6,902.21	6,648.16	296.51	42.83	-47.69	112.32	9,527.12	1,008.31	867.53	140.78	7.162	
16,900.00	7,067.95	6,928.12	6,672.67	299.46	43.05	-50.25	118.36	9,532.95	922.32	769.00	153.32	6.016	
17,000.00	7,070.28	6,939.86	6,683.70	302.42	43.15	-51.44	121.07	9,535.96	839.47	672.40	167.08	5.025	
17,100.00	7,072.61	6,953.49	6,696.41	305.38	43.27	-52.85	124.20	9,539.76	760.28	576.87	183.41	4.145	
17,200.00	7,074.94	6,969.48	6,711.20	308.33	43.41	-54.51	127.84	9,544.60	685.89	483.08	202.80	3.382	
17,300.00	7,077.26	7,000.00	6,739.05	311.29	43.68	-57.75	134.69	9,555.02	617.99	391.30	226.70	2.726	
17,331.95	7,078.01	7,000.00	6,739.05	312.23	43.68	-57.75	134.69	9,555.02	597.73	362.16	235.57	2.537	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	7,070.28	6,915.49	6,586.28	302.42	50.13	-66.75	670.52	9,472.90	1,181.75	916.07	265.68	4.448	
17,100.00	7,072.61	6,933.97	6,603.74	305.38	50.28	-67.77	675.71	9,475.99	1,133.50	853.75	279.75	4.052	
17,200.00	7,074.94	6,952.45	6,621.21	308.33	50.42	-68.80	680.91	9,479.09	1,091.97	798.08	293.89	3.716	
17,300.00	7,077.26	6,970.93	6,638.67	311.29	50.57	-69.83	686.10	9,482.19	1,057.97	750.32	307.65	3.439	
17,331.95	7,078.01	6,976.83	6,644.25	312.23	50.62	-70.16	687.76	9,483.18	1,048.82	736.68	312.15	3.360	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	
16,600.00	7,060.96	6,918.35	6,783.51	290.60	34.70	48.59	-495.35	9,521.77	1,123.86	1,029.10	94.76	11.860	
16,700.00	7,063.29	6,939.28	6,803.94	293.55	34.82	51.24	-493.05	9,525.72	1,027.93	927.51	100.42	10.236	
16,800.00	7,065.62	6,960.22	6,824.37	296.51	34.94	54.17	-490.75	9,529.66	932.37	825.15	107.22	8.696	
16,900.00	7,067.95	6,968.92	6,832.87	299.46	34.99	55.47	-489.80	9,531.30	837.42	721.40	116.03	7.217	
17,000.00	7,070.28	6,983.72	6,847.27	302.42	35.08	57.80	-488.18	9,534.28	743.42	616.71	126.71	5.867	
17,100.00	7,072.61	7,000.00	6,863.03	305.38	35.18	60.54	-486.41	9,537.99	650.91	510.72	140.19	4.643	
17,200.00	7,074.94	7,000.00	6,863.03	308.33	35.18	60.54	-486.41	9,537.99	560.45	401.71	158.74	3.531	
17,300.00	7,077.26	7,024.30	6,886.33	311.29	35.38	64.96	-483.79	9,544.36	472.75	291.05	181.71	2.602	
17,331.95	7,078.01	7,030.05	6,891.80	312.23	35.43	66.06	-483.18	9,546.01	445.64	252.22	193.43	2.304	CC, ES, SF



Offset Design		5N-66W-08 Offsets Need HZ - WHITE 8-1 - Extraction PR Well - No Surveys										Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_2° CONE_2.448										Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,500.00	6,965.49	6,902.49	6,902.49	169.76	242.82	-87.77	404.23	5,349.54	1,161.16	831.21	329.95	3.519		
12,600.00	6,967.82	6,904.82	6,904.82	172.70	242.90	-87.99	404.23	5,349.54	1,076.58	738.20	338.37	3.182		
12,700.00	6,970.15	6,907.15	6,907.15	175.63	242.99	-88.22	404.23	5,349.54	994.86	646.90	347.96	2.859		
12,800.00	6,972.48	6,909.48	6,909.48	178.57	243.07	-88.44	404.23	5,349.54	916.76	557.94	358.82	2.555		
12,900.00	6,974.81	6,911.81	6,911.81	181.50	243.15	-88.66	404.23	5,349.54	843.30	472.26	371.04	2.273		
13,000.00	6,977.13	6,914.13	6,914.13	184.44	243.23	-88.89	404.23	5,349.54	775.78	391.26	384.53	2.018		
13,100.00	6,979.46	6,916.46	6,916.46	187.38	243.32	-89.11	404.23	5,349.54	715.90	316.96	398.95	1.794		
13,200.00	6,981.79	6,918.79	6,918.79	190.32	243.40	-89.34	404.23	5,349.54	665.72	252.20	413.53	1.610		
13,300.00	6,984.12	6,921.12	6,921.12	193.26	243.48	-89.56	404.23	5,349.54	627.57	200.62	426.95	1.470	Level 3	
13,400.00	6,986.45	6,923.45	6,923.45	196.20	243.56	-89.78	404.23	5,349.54	603.73	166.27	437.46	1.380	Level 3	
13,496.85	6,988.70	6,925.70	6,925.70	199.05	243.64	-90.00	404.23	5,349.54	595.91	152.65	443.26	1.344	Level 3, CC	
13,500.00	6,988.78	6,925.78	6,925.78	199.14	243.65	-90.01	404.23	5,349.54	595.92	152.55	443.37	1.344	Level 3, ES, SF	
13,600.00	6,991.11	6,928.11	6,928.11	202.09	243.73	-90.23	404.23	5,349.54	604.77	160.93	443.84	1.363	Level 3	
13,700.00	6,993.43	6,930.43	6,930.43	205.03	243.81	-90.45	404.23	5,349.54	629.57	190.29	439.28	1.433	Level 3	
13,800.00	6,995.76	6,932.76	6,932.76	207.97	243.89	-90.68	404.23	5,349.54	668.55	237.48	431.07	1.551		
13,900.00	6,998.09	6,935.09	6,935.09	210.92	243.98	-90.90	404.23	5,349.54	719.41	298.55	420.86	1.709		
14,000.00	7,000.42	6,937.42	6,937.42	213.86	244.06	-91.13	404.23	5,349.54	779.83	369.84	409.99	1.902		
14,100.00	7,002.75	6,939.75	6,939.75	216.81	244.14	-91.35	404.23	5,349.54	847.76	448.42	399.34	2.123		
14,200.00	7,005.08	6,942.08	6,942.08	219.75	244.22	-91.57	404.23	5,349.54	921.55	532.15	389.40	2.367		
14,300.00	7,007.41	6,944.41	6,944.41	222.70	244.31	-91.80	404.23	5,349.54	999.90	619.56	380.35	2.629		
14,400.00	7,009.73	6,946.73	6,946.73	225.65	244.39	-92.02	404.23	5,349.54	1,081.82	709.60	372.22	2.906		
14,500.00	7,012.06	6,949.06	6,949.06	228.60	244.47	-92.24	404.23	5,349.54	1,166.56	801.57	364.99	3.196		



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 (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,700.00	6,993.43	7,023.37	6,779.86	205.03	18.20	-81.52	622.23	6,391.03	1,182.68	1,021.91	160.77	7.356		
13,800.00	6,995.76	7,019.69	6,776.23	207.97	18.20	-81.27	621.58	6,391.21	1,114.61	943.10	171.51	6.499		
13,900.00	6,998.09	7,016.07	6,772.67	210.92	18.19	-81.02	620.94	6,391.38	1,051.63	868.77	182.86	5.751		
14,000.00	7,000.42	7,012.50	6,769.17	213.86	18.18	-80.78	620.31	6,391.55	994.74	800.13	194.60	5.112		
14,100.00	7,002.75	7,008.99	6,765.72	216.81	18.18	-80.54	619.68	6,391.71	945.01	738.65	206.36	4.579		
14,200.00	7,005.08	7,005.54	6,762.33	219.75	18.17	-80.30	619.06	6,391.87	903.65	686.04	217.61	4.153		
14,300.00	7,007.41	7,002.14	6,758.99	222.70	18.16	-80.07	618.45	6,392.03	871.83	644.18	227.65	3.830		
14,400.00	7,009.73	6,998.89	6,755.79	225.65	18.16	-79.85	617.86	6,392.18	850.64	614.86	235.78	3.608		
14,500.00	7,012.06	6,995.84	6,752.79	228.60	18.15	-79.64	617.31	6,392.32	840.87	599.55	241.32	3.484		
14,532.68	7,012.82	6,994.85	6,751.82	229.56	18.15	-79.57	617.13	6,392.37	840.23	597.74	242.49	3.465	CC, ES	
14,600.00	7,014.39	6,992.81	6,749.82	231.55	18.15	-79.44	616.76	6,392.46	842.92	599.07	243.85	3.457	SF	
14,700.00	7,016.72	6,989.81	6,746.88	234.49	18.14	-79.23	616.21	6,392.60	856.72	613.40	243.32	3.521		
14,800.00	7,019.05	6,986.84	6,743.95	237.44	18.13	-79.03	615.67	6,392.74	881.70	641.68	240.02	3.673		
14,900.00	7,021.38	6,983.89	6,741.06	240.39	18.13	-78.83	615.13	6,392.87	916.96	682.45	234.50	3.910		
15,000.00	7,023.71	6,980.97	6,738.19	243.34	18.12	-78.63	614.59	6,393.01	961.36	733.93	227.43	4.227		
15,100.00	7,026.04	6,978.07	6,735.35	246.30	18.12	-78.43	614.06	6,393.14	1,013.70	794.28	219.42	4.620		
15,200.00	7,028.36	6,975.20	6,732.53	249.25	18.11	-78.24	613.53	6,393.27	1,072.83	861.83	210.99	5.085		
15,300.00	7,030.69	6,972.35	6,729.73	252.20	18.11	-78.04	613.01	6,393.40	1,137.68	935.14	202.54	5.617		



Offset Design 5N-66W-08 Offsets Need HZ - WIEDEMAN 8-5H6 - SRC Energy SI Well - Actual VES Surveys											Offset Site Error:		0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			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)		
12,200.00	6,958.51	6,858.88	6,858.23	160.97	14.99	86.97	-632.56	5,118.70	1,170.87	1,089.93	80.94	14.466	
12,300.00	6,960.83	6,861.25	6,860.60	163.90	14.99	87.28	-632.55	5,118.70	1,079.05	991.97	87.08	12.392	
12,400.00	6,963.16	6,863.62	6,862.97	166.83	15.00	87.58	-632.54	5,118.70	988.81	894.53	94.28	10.488	
12,500.00	6,965.49	6,866.01	6,865.36	169.76	15.00	87.89	-632.53	5,118.70	900.63	797.85	102.79	8.762	
12,600.00	6,967.82	6,868.40	6,867.75	172.70	15.01	88.20	-632.52	5,118.70	815.18	702.32	112.86	7.223	
12,700.00	6,970.15	6,870.80	6,870.15	175.63	15.01	88.51	-632.51	5,118.70	733.41	608.60	124.80	5.876	
12,800.00	6,972.48	6,873.21	6,872.56	178.57	15.02	88.82	-632.50	5,118.70	656.69	517.83	138.86	4.729	
12,900.00	6,974.81	6,875.62	6,874.97	181.50	15.02	89.13	-632.49	5,118.70	587.02	432.01	155.01	3.787	
13,000.00	6,977.13	6,878.05	6,877.40	184.44	15.03	89.44	-632.48	5,118.70	527.18	354.58	172.60	3.054	
13,100.00	6,979.46	6,880.48	6,879.83	187.38	15.03	89.75	-632.47	5,118.70	480.88	291.12	189.76	2.534	
13,200.00	6,981.79	6,882.92	6,882.27	190.32	15.04	90.07	-632.45	5,118.70	452.28	249.24	203.04	2.228	
13,283.52	6,983.74	6,884.96	6,884.31	192.77	15.04	90.33	-632.44	5,118.70	444.51	236.19	208.31	2.134	CC, ES
13,300.00	6,984.12	6,885.37	6,884.72	193.26	15.04	90.38	-632.44	5,118.70	444.81	236.23	208.58	2.133	SF
13,400.00	6,986.45	6,887.82	6,887.17	196.20	15.05	90.70	-632.43	5,118.70	459.51	254.68	204.83	2.243	
13,500.00	6,988.78	6,890.29	6,889.64	199.14	15.05	91.02	-632.41	5,118.70	494.39	300.58	193.81	2.551	
13,600.00	6,991.11	6,892.76	6,892.11	202.09	15.06	91.34	-632.39	5,118.71	545.61	366.33	179.28	3.043	
13,700.00	6,993.43	6,895.24	6,894.59	205.03	15.06	91.66	-632.38	5,118.71	609.05	444.79	164.26	3.708	
13,800.00	6,995.76	6,897.73	6,897.08	207.97	15.07	91.98	-632.36	5,118.71	681.31	530.94	150.37	4.531	
13,900.00	6,998.09	6,900.23	6,899.57	210.92	15.07	92.30	-632.34	5,118.71	759.88	621.71	138.17	5.500	
14,000.00	7,000.42	6,902.73	6,902.08	213.86	15.08	92.62	-632.32	5,118.71	842.99	715.29	127.70	6.601	
14,100.00	7,002.75	6,905.25	6,904.59	216.81	15.08	92.94	-632.30	5,118.71	929.43	810.65	118.78	7.825	
14,200.00	7,005.08	6,907.77	6,907.12	219.75	15.09	93.27	-632.28	5,118.71	1,018.35	907.16	111.19	9.159	
14,300.00	7,007.41	6,910.30	6,909.65	222.70	15.09	93.59	-632.26	5,118.71	1,109.15	1,004.45	104.70	10.594	



Offset Design5N-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 +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,600.00	6,991.11	6,877.58	6,876.95	202.09	15.08	88.46	-806.17	6,374.15	1,115.07	988.20	126.87	8.789		
13,700.00	6,993.43	6,878.92	6,878.29	205.03	15.08	88.58	-806.18	6,374.14	1,032.01	894.97	137.04	7.531		
13,800.00	6,995.76	6,880.24	6,879.60	207.97	15.09	88.71	-806.19	6,374.12	952.22	803.65	148.58	6.409		
13,900.00	6,998.09	6,881.54	6,880.90	210.92	15.09	88.84	-806.20	6,374.11	876.58	715.02	161.56	5.426		
14,000.00	7,000.42	6,882.82	6,882.18	213.86	15.09	88.96	-806.21	6,374.09	806.26	630.29	175.97	4.582		
14,100.00	7,002.75	6,884.08	6,883.44	216.81	15.09	89.08	-806.22	6,374.08	742.78	551.23	191.55	3.878		
14,200.00	7,005.08	6,885.32	6,884.68	219.75	15.10	89.20	-806.23	6,374.06	688.02	480.41	207.62	3.314		
14,300.00	7,007.41	6,886.54	6,885.90	222.70	15.10	89.32	-806.24	6,374.05	644.23	421.30	222.93	2.890		
14,400.00	7,009.73	6,887.74	6,887.10	225.65	15.10	89.43	-806.25	6,374.03	613.74	378.09	235.65	2.604		
14,500.00	7,012.06	6,888.93	6,888.29	228.60	15.10	89.54	-806.26	6,374.02	598.61	354.85	243.76	2.456		
14,541.76	7,013.04	6,889.42	6,888.78	229.83	15.10	89.59	-806.26	6,374.01	597.15	351.75	245.40	2.433	CC, ES, SF	
14,600.00	7,014.39	6,890.10	6,889.46	231.55	15.11	89.66	-806.26	6,374.01	599.98	354.15	245.83	2.441		
14,700.00	7,016.72	6,891.25	6,890.61	234.49	15.11	89.77	-806.27	6,373.99	617.76	375.97	241.78	2.555		
14,800.00	7,019.05	6,892.39	6,891.75	237.44	15.11	89.88	-806.28	6,373.98	650.59	417.73	232.86	2.794		
14,900.00	7,021.38	6,893.51	6,892.87	240.39	15.11	89.98	-806.29	6,373.97	696.35	475.39	220.96	3.151		
15,000.00	7,023.71	6,894.61	6,893.98	243.34	15.12	90.09	-806.29	6,373.95	752.69	544.86	207.83	3.622		
15,100.00	7,026.04	6,895.70	6,895.07	246.30	15.12	90.19	-806.30	6,373.94	817.42	622.72	194.70	4.198		
15,200.00	7,028.36	6,896.78	6,896.14	249.25	15.12	90.30	-806.31	6,373.92	888.71	706.41	182.30	4.875		
15,300.00	7,030.69	6,897.84	6,897.20	252.20	15.12	90.40	-806.32	6,373.91	965.11	794.16	170.95	5.646		
15,400.00	7,033.02	6,898.88	6,898.24	255.15	15.12	90.50	-806.32	6,373.90	1,045.50	884.77	160.73	6.505		
15,500.00	7,035.35	6,899.91	6,899.28	258.10	15.13	90.60	-806.33	6,373.89	1,129.02	977.40	151.63	7.446		



Offset Design5N-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		Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)				Between Centres (usft)	Between Ellipses (usft)			
2,600.00	2,541.38	2,524.38	2,524.38	8.78	87.73	-23.35	-609.42	-1,540.91	1,189.51	1,094.13	95.37	12.472	
2,700.00	2,638.24	2,621.24	2,621.24	9.06	91.16	-23.83	-609.42	-1,540.91	1,166.64	1,067.64	98.99	11.785	
2,800.00	2,735.11	2,718.11	2,718.11	9.37	94.59	-24.33	-609.42	-1,540.91	1,143.84	1,041.22	102.63	11.146	
2,900.00	2,831.98	2,814.98	2,814.98	9.69	98.02	-24.85	-609.42	-1,540.91	1,121.14	1,014.86	106.27	10.549	
3,000.00	2,928.84	2,911.84	2,911.84	10.02	101.46	-25.39	-609.42	-1,540.91	1,098.53	988.59	109.94	9.992	
3,100.00	3,025.71	3,008.71	3,008.71	10.37	104.89	-25.96	-609.42	-1,540.91	1,076.01	962.40	113.62	9.470	
3,200.00	3,122.58	3,105.58	3,105.58	10.73	108.32	-26.54	-609.42	-1,540.91	1,053.60	936.29	117.31	8.981	
3,300.00	3,219.45	3,202.45	3,202.45	11.10	111.75	-27.16	-609.42	-1,540.91	1,031.30	910.29	121.02	8.522	
3,400.00	3,316.31	3,300.69	3,299.31	11.48	115.23	-27.80	-609.42	-1,540.91	1,009.12	884.34	124.78	8.087	
3,500.00	3,413.18	3,403.82	3,396.18	11.87	118.88	-28.46	-609.42	-1,540.91	987.07	858.34	128.74	7.667	
3,600.00	3,510.05	3,506.95	3,493.05	12.27	122.53	-29.16	-609.42	-1,540.91	965.15	832.45	132.70	7.273	
3,700.00	3,606.91	3,589.91	3,589.91	12.67	125.47	-29.89	-609.42	-1,540.91	943.38	807.41	135.96	6.938	
3,800.00	3,703.78	3,686.78	3,686.78	13.08	128.90	-30.65	-609.42	-1,540.91	921.76	782.03	139.73	6.597	
3,900.00	3,800.65	3,783.65	3,783.65	13.50	132.33	-31.45	-609.42	-1,540.91	900.31	756.79	143.51	6.273	
4,000.00	3,897.51	3,880.51	3,880.51	13.92	135.76	-32.29	-609.42	-1,540.91	879.03	731.73	147.30	5.968	
4,100.00	3,994.38	3,977.38	3,977.38	14.35	139.20	-33.17	-609.42	-1,540.91	857.95	706.84	151.11	5.678	
4,200.00	4,091.25	4,074.25	4,074.25	14.78	142.63	-34.09	-609.42	-1,540.91	837.07	682.14	154.92	5.403	
4,300.00	4,188.11	4,171.11	4,171.11	15.22	146.06	-35.06	-609.42	-1,540.91	816.41	657.66	158.75	5.143	
4,400.00	4,284.98	4,267.98	4,267.98	15.66	149.49	-36.07	-609.42	-1,540.91	795.99	633.40	162.60	4.895	
4,500.00	4,381.85	4,364.85	4,364.85	16.11	152.92	-37.14	-609.42	-1,540.91	775.83	609.38	166.46	4.661	
4,600.00	4,478.72	4,461.72	4,461.72	16.55	156.35	-38.26	-609.42	-1,540.91	755.95	585.62	170.33	4.438	
4,700.00	4,575.58	4,558.58	4,558.58	17.00	159.78	-39.44	-609.42	-1,540.91	736.37	562.16	174.22	4.227	
4,800.00	4,672.45	4,655.45	4,655.45	17.46	163.22	-40.69	-609.42	-1,540.91	717.12	539.00	178.12	4.026	
4,900.00	4,769.32	4,752.32	4,752.32	17.91	166.65	-42.00	-609.42	-1,540.91	698.21	516.18	182.04	3.836	
5,000.00	4,866.18	4,849.18	4,849.18	18.37	170.08	-43.38	-609.42	-1,540.91	679.69	493.72	185.97	3.655	
5,100.00	4,963.05	4,946.05	4,946.05	18.83	173.51	-44.83	-609.42	-1,540.91	661.59	471.66	189.93	3.483	
5,200.00	5,059.92	5,042.92	5,042.92	19.29	176.94	-46.37	-609.42	-1,540.91	643.93	450.03	193.90	3.321	
5,300.00	5,156.78	5,139.78	5,139.78	19.76	180.37	-47.98	-609.42	-1,540.91	626.76	428.87	197.89	3.167	
5,400.00	5,253.65	5,236.65	5,236.65	20.22	183.80	-49.68	-609.42	-1,540.91	610.11	408.22	201.90	3.022	
5,500.00	5,350.52	5,333.52	5,333.52	20.69	187.24	-51.47	-609.42	-1,540.91	594.04	388.12	205.92	2.885	
5,600.00	5,447.39	5,430.39	5,430.39	21.16	190.67	-53.36	-609.42	-1,540.91	578.59	368.62	209.97	2.756	
5,700.00	5,544.25	5,527.25	5,527.25	21.63	194.10	-55.34	-609.42	-1,540.91	563.81	349.78	214.03	2.634	
5,800.00	5,641.12	5,624.12	5,624.12	22.10	197.53	-57.43	-609.42	-1,540.91	549.76	331.65	218.11	2.521	
5,900.00	5,737.99	5,720.99	5,720.99	22.58	200.96	-59.61	-609.42	-1,540.91	536.48	314.28	222.20	2.414	
6,000.00	5,834.85	5,817.85	5,817.85	23.05	204.40	-61.90	-609.42	-1,540.91	524.05	297.74	226.31	2.316	
6,100.00	5,931.72	5,914.72	5,914.72	23.53	207.83	-64.28	-609.42	-1,540.91	512.52	282.10	230.43	2.224	
6,200.00	6,028.59	6,011.59	6,011.59	24.00	211.26	-66.77	-609.42	-1,540.91	501.96	267.41	234.55	2.140	
6,300.00	6,126.39	6,109.39	6,109.39	24.31	214.72	-63.62	-609.42	-1,540.91	493.62	255.11	238.51	2.070	
6,400.00	6,226.12	6,209.12	6,209.12	24.44	218.26	63.50	-609.42	-1,540.91	489.89	247.66	242.23	2.022	
6,435.19	6,261.24	6,244.24	6,244.24	24.47	219.50	90.00	-609.42	-1,540.91	489.61	246.14	243.48	2.011 CC	
6,500.00	6,325.45	6,308.45	6,308.45	24.51	221.78	99.76	-609.42	-1,540.91	490.61	244.90	245.71	1.997 ES	
6,600.00	6,421.92	6,404.92	6,404.92	24.57	225.19	105.41	-609.42	-1,540.91	496.72	247.80	248.92	1.996 SF	
6,700.00	6,513.18	6,503.82	6,496.18	24.67	228.70	109.55	-609.42	-1,540.91	510.14	258.09	252.05	2.024	
6,800.00	6,596.96	6,579.96	6,579.96	24.87	231.40	112.99	-609.42	-1,540.91	533.26	279.00	254.26	2.097	
6,900.00	6,671.20	6,654.20	6,654.20	25.23	234.03	115.37	-609.42	-1,540.91	568.10	311.75	256.34	2.216	
7,000.00	6,734.09	6,717.09	6,717.09	25.80	236.25	116.11	-609.42	-1,540.91	615.65	357.61	258.04	2.386	
7,100.00	6,784.06	6,767.06	6,767.06	26.64	238.02	114.56	-609.42	-1,540.91	675.57	416.21	259.35	2.605	
7,200.00	6,819.89	6,802.89	6,802.89	27.74	239.29	109.89	-609.42	-1,540.91	746.29	486.02	260.27	2.867	
7,300.00	6,840.69	6,823.69	6,823.69	29.08	240.03	101.08	-609.42	-1,540.91	825.43	564.68	260.75	3.166	
7,400.00	6,846.73	6,829.73	6,829.73	30.59	240.24	92.30	-609.42	-1,540.91	910.14	649.33	260.81	3.490	
7,500.00	6,849.06	6,832.06	6,832.06	32.30	240.33	92.59	-609.42	-1,540.91	997.87	737.06	260.81	3.826	
7,600.00	6,851.39	6,834.39	6,834.39	34.17	240.41	92.88	-609.42	-1,540.91	1,087.71	826.86	260.85	4.170	
7,700.00	6,853.71	6,836.71	6,836.71	36.20	240.49	93.17	-609.42	-1,540.91	1,179.19	918.27	260.93	4.519	



Offset Design5N-67W-12 Offsets - DETIENNE 1-12 - Noble PR Well - Actual Strata Surveys												Offset Site Error:	0.00 usft
Survey Program: 214-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,200.00	2,153.91	2,275.49	2,233.91	7.86	9.27	-3.40	-219.18	-1,573.00	1,195.94	1,179.81	16.13	74.147	
2,300.00	2,250.78	2,363.39	2,318.14	8.05	9.78	-2.20	-194.11	-1,571.18	1,165.03	1,148.29	16.74	69.609	
2,400.00	2,347.64	2,465.68	2,416.24	8.27	10.37	-0.75	-165.23	-1,568.94	1,134.63	1,117.19	17.44	65.046	
2,500.00	2,444.51	2,551.60	2,498.84	8.52	10.87	0.49	-141.70	-1,566.45	1,104.26	1,086.18	18.08	61.076	
2,600.00	2,541.38	2,646.35	2,589.89	8.78	11.43	1.94	-115.62	-1,564.24	1,075.01	1,056.21	18.80	57.183	
2,700.00	2,638.24	2,742.96	2,681.88	9.06	12.07	3.66	-86.20	-1,561.52	1,045.84	1,026.24	19.61	53.339	
2,800.00	2,735.11	2,832.92	2,766.85	9.37	12.69	5.45	-56.80	-1,558.87	1,017.43	997.01	20.42	49.832	
2,900.00	2,831.98	2,916.47	2,846.14	9.69	13.24	7.14	-30.57	-1,556.63	990.34	969.16	21.18	46.749	
3,000.00	2,928.84	2,994.76	2,920.73	10.02	13.75	8.73	-6.80	-1,555.37	965.28	943.36	21.92	44.041	
3,100.00	3,025.71	3,072.66	2,995.02	10.37	14.26	10.36	16.64	-1,555.34	942.74	920.08	22.66	41.612	
3,200.00	3,122.58	3,161.79	3,080.14	10.73	14.84	12.27	43.05	-1,556.06	922.10	898.63	23.47	39.288	
3,300.00	3,219.45	3,255.82	3,170.45	11.10	15.43	14.25	69.22	-1,557.10	902.71	878.41	24.30	37.150	
3,400.00	3,316.31	3,350.15	3,261.52	11.48	15.98	16.20	93.77	-1,558.31	884.31	859.21	25.10	35.227	
3,500.00	3,413.18	3,451.10	3,359.25	11.87	16.57	18.31	119.03	-1,559.27	866.51	840.57	25.94	33.402	
3,600.00	3,510.05	3,549.02	3,454.35	12.27	17.11	20.36	142.34	-1,559.91	849.28	822.53	26.75	31.755	
3,700.00	3,606.91	3,653.64	3,556.42	12.67	17.67	22.53	165.30	-1,559.90	832.02	804.45	27.57	30.183	
3,800.00	3,703.78	3,741.08	3,641.86	13.08	18.12	24.37	183.89	-1,559.90	815.62	787.34	28.28	28.839	
3,900.00	3,800.65	3,822.67	3,721.07	13.50	18.57	26.28	203.43	-1,560.22	801.61	772.61	28.99	27.650	
4,000.00	3,897.51	3,906.61	3,801.95	13.92	19.09	28.44	225.85	-1,560.80	790.24	760.51	29.74	26.575	
4,100.00	3,994.38	3,992.77	3,884.35	14.35	19.65	30.84	251.02	-1,561.34	781.50	750.98	30.52	25.610	
4,200.00	4,091.25	4,087.23	3,974.55	14.78	20.28	33.55	279.07	-1,561.96	774.88	743.53	31.34	24.723	
4,300.00	4,188.11	4,191.50	4,074.65	15.22	20.95	36.48	308.25	-1,562.43	769.16	736.95	32.21	23.882	
4,400.00	4,284.98	4,282.85	4,162.41	15.66	21.53	39.09	333.61	-1,561.99	764.48	731.53	32.95	23.203	
4,500.00	4,381.85	4,372.94	4,248.81	16.11	22.11	41.70	359.13	-1,562.09	762.48	728.83	33.65	22.659	
4,584.29	4,463.50	4,453.58	4,326.38	16.48	22.62	43.99	381.18	-1,562.27	761.85	727.60	34.25	22.242	CC
4,600.00	4,478.72	4,467.24	4,339.51	16.55	22.71	44.38	384.93	-1,562.28	761.88	727.53	34.35	22.178	ES
4,700.00	4,575.58	4,554.80	4,423.51	17.00	23.27	46.92	409.62	-1,562.31	763.61	728.64	34.98	21.832	
4,800.00	4,672.45	4,647.16	4,512.03	17.46	23.87	49.59	435.99	-1,562.35	767.53	731.92	35.61	21.552	
4,900.00	4,769.32	4,748.11	4,609.12	17.91	24.51	52.39	463.65	-1,563.05	772.94	736.66	36.28	21.304	
5,000.00	4,866.18	4,849.93	4,707.58	18.37	25.12	55.06	489.54	-1,564.14	778.82	741.90	36.92	21.092	
5,100.00	4,963.05	4,936.26	4,791.01	18.83	25.64	57.34	511.76	-1,564.39	786.13	748.70	37.43	21.004	
5,200.00	5,059.92	5,026.27	4,877.74	19.29	26.19	59.68	535.76	-1,565.16	796.08	758.13	37.94	20.980	
5,300.00	5,156.78	5,138.66	4,986.57	19.76	26.85	62.42	563.79	-1,566.83	806.49	767.86	38.63	20.879	
5,400.00	5,253.65	5,255.72	5,100.77	20.22	27.47	65.09	589.48	-1,568.28	815.59	776.28	39.30	20.750	
5,500.00	5,350.52	5,357.60	5,200.56	20.69	27.98	67.35	609.97	-1,568.87	824.06	784.19	39.87	20.671	
5,600.00	5,447.39	5,470.50	5,311.37	21.16	28.52	69.82	631.57	-1,568.65	832.60	792.11	40.48	20.567	
5,700.00	5,544.25	5,574.97	5,414.26	21.63	28.99	72.04	649.61	-1,567.73	840.35	799.30	41.05	20.472	
5,800.00	5,641.12	5,682.17	5,520.03	22.10	29.45	74.27	667.02	-1,566.58	848.28	806.65	41.63	20.378	
5,900.00	5,737.99	5,782.29	5,619.00	22.58	29.86	76.30	682.11	-1,565.39	856.16	813.98	42.18	20.299	
6,000.00	5,834.85	5,903.48	5,739.15	23.05	30.31	78.58	697.90	-1,565.25	863.48	820.67	42.81	20.170	
6,100.00	5,931.72	6,019.75	5,854.82	23.53	30.67	80.63	709.70	-1,565.74	869.10	825.70	43.40	20.024	
6,200.00	6,028.59	6,131.08	5,965.79	24.00	30.97	82.50	718.55	-1,566.67	873.55	829.56	43.98	19.862	
6,300.00	6,126.39	6,238.05	6,072.53	24.31	31.24	89.07	725.54	-1,567.31	878.20	833.79	44.41	19.773	
6,400.00	6,226.12	6,356.91	6,191.22	24.44	31.50	-142.53	731.72	-1,566.88	884.63	839.88	44.75	19.769	SF
6,500.00	6,325.45	6,472.23	6,306.49	24.51	31.72	-107.47	735.12	-1,566.42	891.60	846.52	45.08	19.778	
6,600.00	6,421.92	6,577.94	6,412.19	24.57	31.89	-105.03	736.60	-1,566.65	900.32	854.85	45.47	19.800	
6,700.00	6,513.18	6,674.34	6,508.58	24.67	32.03	-105.13	737.24	-1,566.62	912.47	866.50	45.98	19.847	
6,800.00	6,596.96	6,760.46	6,594.70	24.87	32.15	-105.79	737.56	-1,566.36	929.88	883.23	46.64	19.935	
6,900.00	6,671.20	6,839.08	6,673.33	25.23	32.25	-106.40	737.64	-1,565.95	954.11	906.61	47.50	20.087	
7,000.00	6,734.09	6,906.35	6,740.60	25.80	32.34	-106.31	737.44	-1,565.49	986.40	937.87	48.53	20.325	
7,100.00	6,784.06	6,958.21	6,792.45	26.64	32.41	-104.90	737.19	-1,565.06	1,027.62	977.93	49.69	20.681	
7,200.00	6,819.89	6,995.96	6,830.20	27.74	32.46	-101.85	736.97	-1,564.72	1,077.77	1,026.88	50.89	21.178	
7,300.00	6,840.69	7,018.40	6,852.64	29.08	32.48	-96.79	736.82	-1,564.50	1,135.96	1,083.92	52.05	21.826	



Offset Design5N-67W-12 Offsets - DETIENNE 17-12 - Noble Energy PR Well - Actual Strata Surveys													Offset Site Error:	0.00 usft
Survey Program: 96-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,800.00	3,703.78	3,603.70	3,537.44	13.08	16.00	2.37	-140.40	-1,969.23	1,193.31	1,169.40	23.91	49.917		
3,900.00	3,800.65	3,704.78	3,636.52	13.50	16.50	3.13	-126.47	-1,983.59	1,181.99	1,157.45	24.53	48.177		
4,000.00	3,897.51	3,784.69	3,714.59	13.92	16.92	3.81	-114.37	-1,995.59	1,171.66	1,146.58	25.08	46.714		
4,100.00	3,994.38	3,880.55	3,807.84	14.35	17.45	4.71	-98.21	-2,010.82	1,162.47	1,136.75	25.73	45.185		
4,200.00	4,091.25	3,965.30	3,890.11	14.78	17.94	5.54	-83.40	-2,024.79	1,154.21	1,127.88	26.33	43.842		
4,300.00	4,188.11	4,074.11	3,995.74	15.22	18.56	6.61	-64.66	-2,042.97	1,146.50	1,119.46	27.04	42.398		
4,400.00	4,284.98	4,176.46	4,095.44	15.66	19.12	7.56	-48.30	-2,059.34	1,138.33	1,110.63	27.70	41.090		
4,500.00	4,381.85	4,281.35	4,197.88	16.11	19.67	8.50	-32.77	-2,075.68	1,129.96	1,101.60	28.36	39.837		
4,600.00	4,478.72	4,383.70	4,298.12	16.55	20.19	9.35	-18.95	-2,091.05	1,121.19	1,092.19	29.00	38.657		
4,700.00	4,575.58	4,477.05	4,389.54	17.00	20.66	10.13	-6.73	-2,105.44	1,113.01	1,083.41	29.60	37.603		
4,800.00	4,672.45	4,585.63	4,496.06	17.46	21.19	10.99	6.38	-2,121.89	1,104.68	1,074.43	30.25	36.518		
4,900.00	4,769.32	4,693.47	4,602.05	17.91	21.70	11.84	18.99	-2,137.27	1,095.64	1,064.76	30.89	35.472		
5,000.00	4,866.18	4,800.48	4,707.36	18.37	22.18	12.69	31.26	-2,151.76	1,086.07	1,054.55	31.52	34.461		
5,100.00	4,963.05	4,902.67	4,808.07	18.83	22.64	13.50	42.53	-2,164.97	1,076.02	1,043.90	32.13	33.493		
5,200.00	5,059.92	4,999.65	4,903.60	19.29	23.07	14.30	53.65	-2,177.37	1,066.13	1,033.41	32.72	32.581		
5,300.00	5,156.78	5,102.38	5,004.86	19.76	23.53	15.14	64.88	-2,190.58	1,056.43	1,023.09	33.34	31.687		
5,400.00	5,253.65	5,210.74	5,111.86	20.22	23.99	15.98	75.53	-2,203.93	1,046.21	1,012.25	33.97	30.802		
5,500.00	5,350.52	5,314.65	5,214.63	20.69	24.42	16.76	84.81	-2,216.16	1,035.46	1,000.90	34.57	29.953		
5,600.00	5,447.39	5,435.69	5,334.65	21.16	24.87	17.65	94.38	-2,228.61	1,023.17	987.96	35.21	29.062		
5,700.00	5,544.25	5,532.79	5,431.04	21.63	25.21	18.34	101.31	-2,237.99	1,010.32	974.55	35.78	28.241		
5,800.00	5,641.12	5,600.00	5,564.89	22.10	25.99	19.12	106.86	-2,249.50	995.86	959.17	36.69	27.143		
5,900.00	5,737.99	5,817.39	5,714.85	22.58	25.94	19.99	110.18	-2,254.28	975.24	938.32	36.92	26.415		
6,000.00	5,834.85	5,921.38	5,818.81	23.05	26.13	20.63	112.23	-2,255.95	953.87	916.43	37.44	25.477		
6,100.00	5,931.72	6,028.49	5,925.91	23.53	26.31	21.23	112.75	-2,256.88	931.51	893.56	37.95	24.545		
6,200.00	6,028.59	6,125.76	6,023.17	24.00	26.46	21.74	111.92	-2,257.48	908.66	870.20	38.47	23.621		
6,300.00	6,126.39	6,222.52	6,119.92	24.31	26.60	26.62	111.33	-2,258.27	890.35	851.45	38.91	22.885		
6,376.25	6,202.38	6,300.09	6,197.49	24.41	26.72	80.38	110.95	-2,258.82	886.05	846.89	39.16	22.627	CC, ES	
6,400.00	6,226.12	6,324.55	6,221.95	24.44	26.75	154.03	110.85	-2,258.95	886.47	847.23	39.24	22.591	SF	
6,500.00	6,325.45	6,425.36	6,322.76	24.51	26.91	-170.67	110.41	-2,259.34	897.35	857.83	39.52	22.709		
6,600.00	6,421.92	6,525.22	6,422.62	24.57	27.06	-167.02	109.74	-2,259.57	922.81	883.08	39.73	23.228		
6,700.00	6,513.18	6,616.20	6,513.60	24.67	27.19	-165.29	108.99	-2,259.57	962.25	922.36	39.89	24.123		
6,800.00	6,596.96	6,699.00	6,596.39	24.87	27.31	-163.81	108.39	-2,259.67	1,015.21	975.20	40.01	25.375		
6,900.00	6,671.20	6,774.23	6,671.62	25.23	27.43	-162.03	107.63	-2,259.80	1,080.31	1,040.22	40.09	26.945		
7,000.00	6,734.09	6,837.65	6,735.03	25.80	27.52	-159.38	106.75	-2,259.90	1,156.04	1,115.89	40.16	28.787		

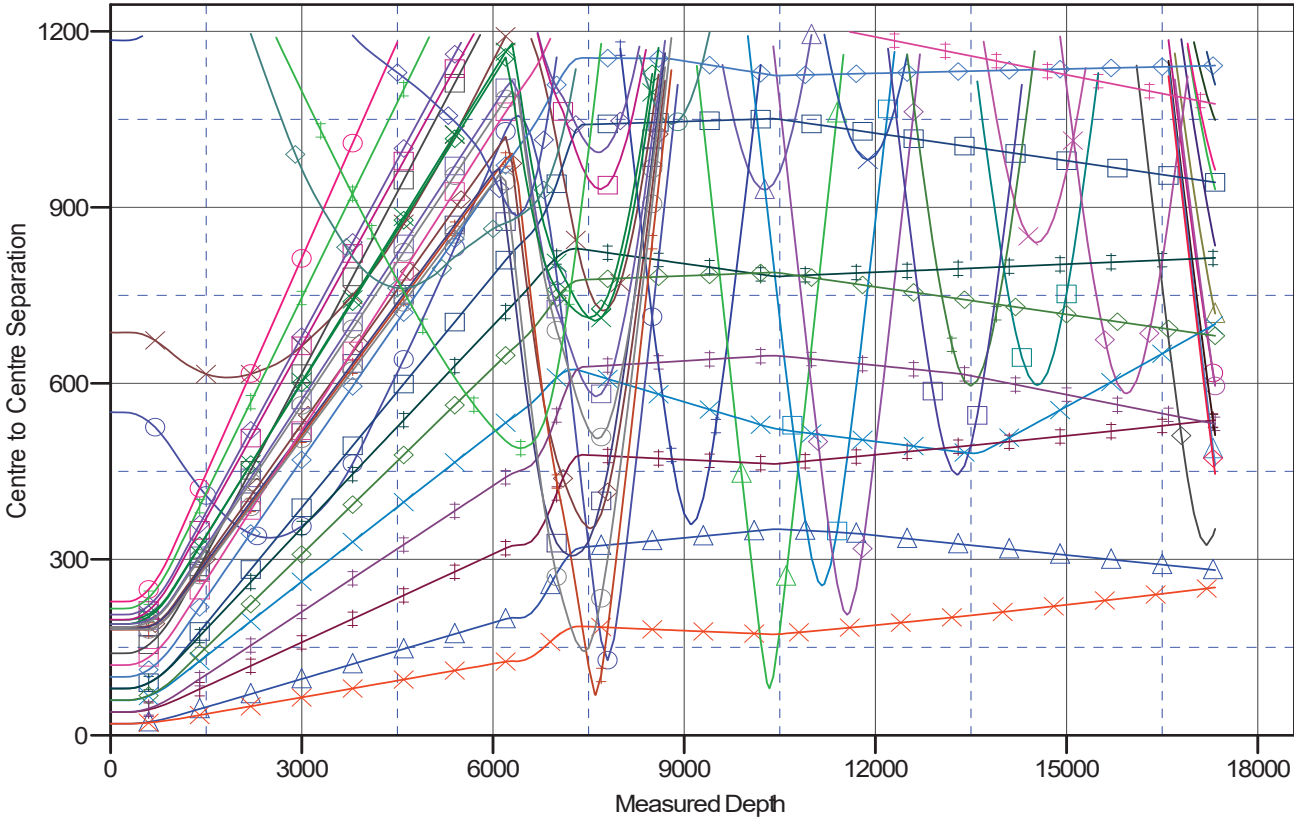


Coordinates are relative to: BOST FARM 41N-8A-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.43°

## Ladder Plot



## LEGEND

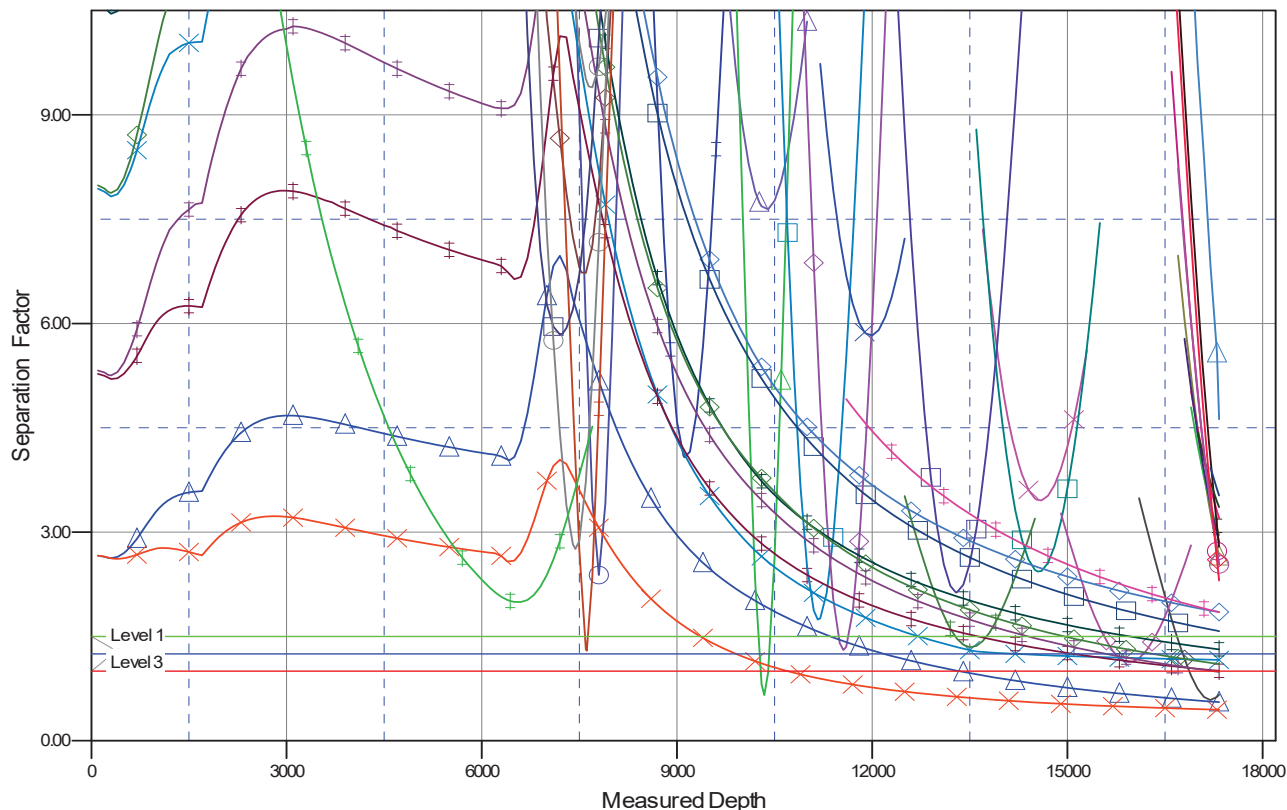
- Figure 1: Schematic representation of the 1000 Genomes Project. The diagram shows three columns of genetic data. The left column lists 1000 Genomes Project samples (e.g., UPRC7-4-6, STEPHENS-12) with their corresponding genomic coordinates and data types (e.g., SRCEnergyPRWell, ActualVES, SurveyV0). The middle column lists 1000 Genomes Project samples (e.g., TCCOUNITYQLWBEST 9-9-11, MOENB-7H6) with their corresponding genomic coordinates and data types (e.g., SRCEnergyWell, NoSurveyV0). The right column lists 1000 Genomes Project samples (e.g., BOSTFARM11-4-2, WELORE#1) with their corresponding genomic coordinates and data types (e.g., SRCEnergyPRWell, ActualVES, SurveyV0). Each sample is represented by a colored circle with a unique pattern.



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-8A-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.43°

## Separation Factor Plot



### LEGEND

UFRCT-4H6, Noble Energy/PRWell, Actual VES SurveysV0	TCOUNTR/CLUBWEST 3-9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARMG11-1-L, Wellbore #1, Design #1 V0
STEPHENST-12, SRC Energy/SWell, Actual VES SurveysV0	MOENS-7H6, SRC Energy/SWell, No SurveysV0	BOSTFARMG10-1-L, Wellbore #1, Design #1 V0
NAPOLEON7-6, Noble Energy/PRWell, Actual VES SurveysV0	TCOUNTR/CLUBWEST C1 9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARMGON-11B-L, Wellbore #1, Design #1 V0
STEPHENST-13, SRC Energy/SWell, Actual VES SurveysV0	WIEDEMAN6-5H6, SRC Energy/SWell, Actual VES SurveysV0	BOSTFARM1N8CL, Wellbore #1, Design #1 V0
STEPHENST-15, SRC Energy/SWell, Actual VES SurveysV0	TCOUNTR/CLUBWEST 5-9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARM6C8-L, Wellbore #1, Design #1 V0
NAPOLEON7-3, Noble Energy/PRWell, Actual VES SurveysV0	TCAMS2-9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARMG11A-L, Wellbore #1, Design #1 V0
UFRCT-9H6, Noble Energy/PRWell, Actual VES SurveysV0	TCOUNTR/CLUBWEST 4-9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARM6C2-8-L, Wellbore #1, Design #1 V0
STEPHENST-14, SRC Energy/SWell, Actual VES SurveysV0	TCOUNTR/CLUBWEST C3 9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARMG11-L, Wellbore #1, Design #1 V0
STEPHENST-11, SRC Energy/SWell, Actual VES SurveysV0	BOSTFARM1N11-L, Wellbore #1, Design #1 V0	BOSTFARMG11-L, Wellbore #1, Design #1 V0
TCOUNTR/CLUBWEST A2 9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARMGON-11CL, Wellbore #1, Design #1 V0	BOSTFARM1N11B-L, Wellbore #1, Design #1 V0
WHITE8-3H6, SRC Energy/PRWell, Actual VES SurveysV0	BOSTFARM2N8B-L, Wellbore #1, Design #1 V0	BOSTFARM1N8B-L, Wellbore #1, Design #1 V0
TCOUNTR/CLUBWEST 2-9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARM1N8CL, Wellbore #1, Design #1 V0	BOSTFARMG11N-11B-L, Wellbore #1, Design #1 V0
WHITE8-1, Estradon PRWell, No SurveysV0	BOSTFARM1C8-L, Wellbore #1, Design #1 V0	BOSTFARMGON-8B-L, Wellbore #1, Design #1 V0
TCAMS2-9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARM10C8-L, Wellbore #1, Design #1 V0	BOSTFARMG2C-11-L, Wellbore #1, Design #1 V0
MOENS-8, SRC Energy/SWell, No SurveysV0	BOSTFARM10C8-L, Wellbore #1, Design #1 V0	DETENNE17-12, Noble Energy/PRWell, Actual Strata SurveysV0
TCOUNTR/CLUBWEST 1-9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARM1N8B-L, Wellbore #1, Design #1 V0	DETENNE1-12, Noble Energy/PRWell, Actual Strata SurveysV0
WIEDEMAN6-6H6, SRC Energy/OM Well, Actual VES SurveysV0	BOSTFARMGON-8B-L, Wellbore #1, Design #1 V0	BORESEN1, Noble Energy/PRWell, No SurveysV0
TCAMS1-9-11, Estradon PRWell (Plan Only), Planned Estradon SurveysV0	BOSTFARM2N11CL, Wellbore #1, Design #1 V0	
	BOSTFARM1N8CL, Wellbore #1, Design #1 V0	