



Survey Report



Company:	Jay-Bee Oil & Gas	Local Co-ordinate Reference:	Well Larry 1
Project:	Tyler County	TVD Reference:	well @ 734.0usft (Patterson #381)
Site:	Larry Pad	MD Reference:	well @ 734.0usft (Patterson #381)
Well:	Larry 1	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project	Tyler County		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	West Virginia Northern Zone		

Site	Larry Pad				
Site Position:		Northing:	358,188.64 usft	Latitude:	39° 28' 30.707 N
From:	Map	Easting:	1,578,758.47 usft	Longitude:	80° 52' 50.681 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.88 °

Well	Larry 1					
Well Position	+N/-S	0.0 usft	Northing:	358,205.02 usft	Latitude:	39° 28' 30.871 N
	+E/-W	0.0 usft	Easting:	1,578,773.68 usft	Longitude:	80° 52' 50.490 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	713.4 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/18/2018	-8.54	66.65	51,913.35945656

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	154.70	

Survey Program	Date	8/4/2018			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
50.0	323.0	Gyro (Wellbore #1)	GYRO-NS	OWSG Gyrocompass Gyro	
420.0	15,238.0	QES MWD Surveys (Wellbore #1)	OWSG MWD - Standard	OWSG MWD - Standard	

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Survey											
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00		
50.0	0.19	75.79	50.0	0.0	0.1	0.0	0.38	0.38	0.00		
100.0	0.30	96.75	100.0	0.0	0.3	0.1	0.28	0.22	41.92		
150.0	0.16	188.14	150.0	-0.1	0.4	0.2	0.69	-0.28	182.78		
200.0	0.29	266.27	200.0	-0.1	0.3	0.2	0.60	0.26	156.26		
250.0	0.24	334.54	250.0	-0.1	0.1	0.1	0.60	-0.10	136.54		
300.0	0.36	36.75	300.0	0.2	0.2	-0.1	0.65	0.24	124.42		
Gyro Tie-in @ 323.0' MD / 323.0' TVD											
323.0	0.13	65.94	323.0	0.2	0.2	-0.1	1.11	-1.00	126.91		
420.0	0.42	189.47	420.0	-0.1	0.3	0.2	0.52	0.30	127.35		



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514.0	0.84	189.00	514.0	-1.1	0.1	1.0	0.45	0.45	-0.50
609.0	0.92	153.41	609.0	-2.5	0.3	2.4	0.57	0.08	-37.46
703.0	1.71	123.78	703.0	-3.9	1.8	4.3	1.08	0.84	-31.52
798.0	2.96	99.47	797.9	-5.1	5.4	6.9	1.65	1.32	-25.59
893.0	4.42	90.42	892.7	-5.5	11.5	9.9	1.65	1.54	-9.53
988.0	4.53	90.32	987.4	-5.6	18.9	13.1	0.12	0.12	-0.11
1,082.0	2.20	79.12	1,081.2	-5.3	24.4	15.2	2.56	-2.48	-11.91
1,177.0	0.55	14.91	1,176.2	-4.5	26.3	15.3	2.13	-1.74	-67.59
1,271.0	0.63	314.76	1,270.2	-3.7	26.1	14.5	0.63	0.09	-63.99
1,366.0	0.70	307.75	1,365.2	-3.0	25.2	13.5	0.11	0.07	-7.38
1,460.0	0.45	310.17	1,459.2	-2.4	24.5	12.6	0.27	-0.27	2.57
1,555.0	0.29	320.20	1,554.2	-1.9	24.1	12.0	0.18	-0.17	10.56
1,649.0	0.52	18.61	1,648.2	-1.4	24.0	11.5	0.47	0.24	62.14
1,745.0	0.64	19.22	1,744.2	-0.4	24.4	10.8	0.13	0.13	0.64
1,839.0	0.49	14.76	1,838.2	0.5	24.6	10.1	0.17	-0.16	-4.74
1,934.0	0.26	36.15	1,933.2	1.0	24.9	9.7	0.28	-0.24	22.52
2,015.0	0.37	348.61	2,014.2	1.4	24.9	9.4	0.34	0.14	-58.69
2,125.0	0.41	6.10	2,124.2	2.2	24.9	8.7	0.11	0.04	15.90
2,220.0	0.48	321.41	2,219.2	2.8	24.7	8.0	0.36	0.07	-47.04
2,314.0	1.57	111.18	2,313.1	2.7	25.6	8.6	2.13	1.16	159.33
2,409.0	1.63	100.36	2,408.1	1.9	28.2	10.3	0.32	0.06	-11.39
2,503.0	1.31	82.16	2,502.1	1.8	30.6	11.4	0.60	-0.34	-19.36
2,598.0	1.26	74.71	2,597.1	2.3	32.6	11.9	0.18	-0.05	-7.84
2,693.0	1.28	49.97	2,692.0	3.2	34.5	11.8	0.57	0.02	-26.04
2,788.0	4.64	25.12	2,786.9	7.4	36.9	9.1	3.71	3.54	-26.16
2,882.0	8.11	19.68	2,880.3	17.1	40.8	2.0	3.74	3.69	-5.79
2,977.0	12.49	19.08	2,973.7	33.1	46.4	-10.1	4.61	4.61	-0.63
3,071.0	15.86	15.79	3,064.9	55.1	53.2	-27.1	3.68	3.59	-3.50
3,166.0	19.43	15.02	3,155.4	82.8	60.8	-48.9	3.77	3.76	-0.81
3,260.0	22.19	14.18	3,243.2	115.2	69.2	-74.5	2.95	2.94	-0.89
3,355.0	23.18	20.97	3,330.9	150.0	80.3	-101.3	2.95	1.04	7.15
3,449.0	24.94	32.53	3,416.8	184.0	97.6	-124.7	5.34	1.87	12.30
3,545.0	28.07	31.89	3,502.7	220.3	120.4	-147.7	3.27	3.26	-0.67
3,639.0	29.58	29.29	3,585.0	259.3	143.5	-173.1	2.09	1.61	-2.77
3,734.0	28.09	25.27	3,668.3	300.0	164.5	-200.9	2.57	-1.57	-4.23
3,829.0	28.89	25.13	3,751.8	341.0	183.8	-229.7	0.85	0.84	-0.15
3,923.0	29.40	25.26	3,833.9	382.4	203.3	-258.9	0.55	0.54	0.14
4,018.0	29.23	26.96	3,916.7	424.2	223.7	-287.9	0.89	-0.18	1.79
4,113.0	28.27	28.32	4,000.0	464.6	244.9	-315.4	1.22	-1.01	1.43
4,208.0	28.47	27.95	4,083.6	504.4	266.2	-342.3	0.28	0.21	-0.39
4,303.0	28.67	28.60	4,167.0	544.5	287.7	-369.3	0.39	0.21	0.68
4,397.0	29.44	25.78	4,249.2	585.1	308.6	-397.1	1.67	0.82	-3.00
4,492.0	30.85	24.16	4,331.3	628.3	328.7	-427.6	1.71	1.48	-1.71

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4,586.0	31.27	24.33	4,411.9	672.5	348.6	-459.0	0.46	0.45	0.18
4,681.0	29.82	21.22	4,493.7	717.0	367.3	-491.3	2.26	-1.53	-3.27
4,776.0	28.31	18.20	4,576.7	760.4	382.9	-523.9	2.22	-1.59	-3.18
4,870.0	23.96	19.03	4,661.1	799.7	396.1	-553.7	4.64	-4.63	0.88
4,965.0	21.07	19.50	4,748.8	834.0	408.1	-579.6	3.05	-3.04	0.49
5,060.0	15.84	19.80	4,838.9	862.3	418.2	-600.9	5.51	-5.51	0.32
5,155.0	12.14	16.27	4,931.1	884.1	425.4	-617.5	4.00	-3.89	-3.72
5,250.0	8.54	26.20	5,024.5	900.1	431.3	-629.4	4.21	-3.79	10.45
5,345.0	5.35	44.19	5,118.8	909.6	437.5	-635.4	4.03	-3.36	18.94
5,440.0	1.61	46.22	5,213.6	913.7	441.6	-637.3	3.94	-3.94	2.14
5,534.0	0.38	74.05	5,307.6	914.7	442.8	-637.7	1.37	-1.31	29.61
5,659.0	0.80	34.40	5,432.6	915.5	443.7	-638.1	0.45	0.34	-31.72
5,754.0	7.60	144.00	5,527.4	911.0	447.8	-632.2	8.32	7.16	115.37
5,801.0	11.70	146.10	5,573.7	904.5	452.3	-624.5	8.75	8.72	4.47
5,849.0	15.40	148.50	5,620.3	895.0	458.3	-613.3	7.80	7.71	5.00
5,896.0	18.90	150.60	5,665.2	883.1	465.3	-599.5	7.56	7.45	4.47
5,944.0	20.40	150.50	5,710.4	869.0	473.2	-583.4	3.13	3.13	-0.21
5,991.0	22.50	150.60	5,754.2	854.0	481.7	-566.3	4.47	4.47	0.21
6,038.0	27.80	152.40	5,796.7	836.5	491.2	-546.3	11.39	11.28	3.83
6,085.0	33.10	153.90	5,837.2	815.2	501.9	-522.5	11.39	11.28	3.19
6,133.0	35.60	152.90	5,876.8	791.0	514.1	-495.4	5.34	5.21	-2.08
6,180.0	38.30	150.10	5,914.4	766.2	527.6	-467.3	6.77	5.74	-5.96
6,227.0	41.30	148.20	5,950.5	740.4	543.0	-437.3	6.89	6.38	-4.04
6,274.0	45.40	147.10	5,984.7	713.1	560.3	-405.3	8.87	8.72	-2.34
6,322.0	48.70	146.90	6,017.4	683.7	579.4	-370.5	6.88	6.88	-0.42
6,369.0	51.00	147.20	6,047.7	653.5	598.9	-334.9	4.92	4.89	0.64
6,416.0	54.50	148.40	6,076.1	621.9	618.9	-297.8	7.72	7.45	2.55
6,463.0	59.70	150.20	6,101.7	587.9	639.0	-258.5	11.52	11.06	3.83
6,511.0	64.40	152.20	6,124.1	550.8	659.4	-216.2	10.46	9.79	4.17
6,558.0	67.90	151.30	6,143.1	512.9	679.7	-173.3	7.65	7.45	-1.91
6,605.0	72.90	151.50	6,158.9	474.1	700.9	-129.1	10.65	10.64	0.43
6,652.0	78.80	151.90	6,170.4	434.0	722.5	-83.6	12.58	12.55	0.85
6,700.0	81.40	151.70	6,178.6	392.3	744.9	-36.4	5.43	5.42	-0.42
6,747.0	81.60	152.10	6,185.6	351.3	766.7	10.1	0.94	0.43	0.85
6,795.0	82.20	151.90	6,192.4	309.3	789.1	57.5	1.32	1.25	-0.42
6,842.0	85.80	153.40	6,197.3	267.8	810.5	104.2	8.29	7.66	3.19
6,889.0	88.70	155.70	6,199.5	225.4	830.7	151.2	7.87	6.17	4.89
6,984.0	90.30	161.10	6,200.4	137.2	865.7	245.9	5.93	1.68	5.68
7,078.0	87.80	160.10	6,201.9	48.5	896.9	339.4	2.86	-2.66	-1.06
7,173.0	87.10	160.20	6,206.1	-40.8	929.1	433.9	0.74	-0.74	0.11
7,268.0	85.90	160.70	6,211.9	-130.1	960.8	528.2	1.37	-1.26	0.53
7,364.0	88.10	161.00	6,217.0	-220.7	992.3	623.6	2.31	2.29	0.31
7,459.0	89.10	159.80	6,219.3	-310.1	1,024.1	718.1	1.64	1.05	-1.26

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7,554.0	89.20	158.00	6,220.7	-398.8	1,058.3	812.8	1.90	0.11	-1.89
7,649.0	89.60	154.60	6,221.7	-485.7	1,096.5	907.7	3.60	0.42	-3.58
7,744.0	92.70	157.40	6,219.8	-572.5	1,135.1	1,002.7	4.40	3.26	2.95
7,839.0	91.20	158.40	6,216.5	-660.4	1,170.8	1,097.5	1.90	-1.58	1.05
7,933.0	87.80	155.40	6,217.4	-746.9	1,207.7	1,191.4	4.82	-3.62	-3.19
8,028.0	89.90	159.50	6,219.3	-834.6	1,244.1	1,286.2	4.85	2.21	4.32
8,123.0	90.70	158.40	6,218.8	-923.2	1,278.2	1,380.9	1.43	0.84	-1.16
8,218.0	91.70	160.70	6,216.8	-1,012.2	1,311.4	1,475.6	2.64	1.05	2.42
8,312.0	89.30	161.10	6,216.0	-1,101.0	1,342.2	1,569.0	2.59	-2.55	0.43
8,407.0	90.70	161.70	6,216.0	-1,191.1	1,372.5	1,663.4	1.60	1.47	0.63
8,502.0	89.70	159.40	6,215.6	-1,280.6	1,404.1	1,757.9	2.64	-1.05	-2.42
8,597.0	90.90	159.80	6,215.1	-1,369.7	1,437.2	1,852.5	1.33	1.26	0.42
8,691.0	89.50	157.90	6,214.8	-1,457.3	1,471.1	1,946.3	2.51	-1.49	-2.02
8,786.0	91.30	158.80	6,214.1	-1,545.6	1,506.2	2,041.1	2.12	1.89	0.95
8,881.0	96.40	162.10	6,207.8	-1,634.9	1,537.9	2,135.3	6.39	5.37	3.47
8,976.0	94.30	163.80	6,198.9	-1,725.3	1,565.6	2,228.9	2.84	-2.21	1.79
9,070.0	91.00	162.70	6,194.6	-1,815.2	1,592.7	2,321.8	3.70	-3.51	-1.17
9,165.0	88.00	161.80	6,195.4	-1,905.7	1,621.6	2,415.9	3.30	-3.16	-0.95
9,260.0	91.30	166.20	6,196.0	-1,997.0	1,647.8	2,509.6	5.79	3.47	4.63
9,354.0	88.70	164.70	6,196.0	-2,087.9	1,671.4	2,602.0	3.19	-2.77	-1.60
9,449.0	88.50	164.80	6,198.3	-2,179.6	1,696.4	2,695.5	0.24	-0.21	0.11
9,543.0	88.20	164.00	6,201.0	-2,270.1	1,721.7	2,788.1	0.91	-0.32	-0.85
9,638.0	87.60	162.10	6,204.5	-2,360.9	1,749.4	2,882.0	2.10	-0.63	-2.00
9,733.0	88.70	160.70	6,207.5	-2,450.9	1,779.6	2,976.3	1.87	1.16	-1.47
9,828.0	87.70	160.70	6,210.5	-2,540.5	1,811.0	3,070.8	1.05	-1.05	0.00
9,923.0	92.30	160.90	6,210.5	-2,630.2	1,842.3	3,165.2	4.85	4.84	0.21
10,018.0	91.60	159.20	6,207.3	-2,719.4	1,874.6	3,259.7	1.93	-0.74	-1.79
10,114.0	91.60	159.70	6,204.6	-2,809.3	1,908.3	3,355.4	0.52	0.00	0.52
10,209.0	91.20	160.30	6,202.3	-2,898.5	1,940.8	3,449.9	0.76	-0.42	0.63
10,304.0	90.90	161.20	6,200.6	-2,988.2	1,972.1	3,544.4	1.00	-0.32	0.95
10,399.0	89.50	161.90	6,200.2	-3,078.3	2,002.2	3,638.7	1.65	-1.47	0.74
10,494.0	88.80	160.70	6,201.6	-3,168.3	2,032.6	3,733.1	1.46	-0.74	-1.26
10,589.0	89.10	160.00	6,203.4	-3,257.7	2,064.6	3,827.6	0.80	0.32	-0.74
10,684.0	91.30	163.90	6,203.0	-3,348.0	2,094.0	3,921.8	4.71	2.32	4.11
10,779.0	91.20	162.90	6,201.0	-3,439.1	2,121.2	4,015.7	1.06	-0.11	-1.05
10,873.0	90.30	161.70	6,199.7	-3,528.6	2,149.7	4,108.8	1.60	-0.96	-1.28
10,968.0	89.80	160.40	6,199.7	-3,618.4	2,180.6	4,203.3	1.47	-0.53	-1.37
11,063.0	90.10	160.60	6,199.7	-3,708.0	2,212.3	4,297.8	0.38	0.32	0.21
11,158.0	89.40	160.20	6,200.2	-3,797.5	2,244.2	4,392.3	0.85	-0.74	-0.42
11,253.0	88.20	156.90	6,202.1	-3,885.9	2,278.9	4,487.0	3.70	-1.26	-3.47
11,348.0	88.70	158.10	6,204.7	-3,973.6	2,315.2	4,581.9	1.37	0.53	1.26
11,442.0	90.20	158.50	6,205.6	-4,060.9	2,350.0	4,675.7	1.65	1.60	0.43
11,537.0	90.00	157.60	6,205.5	-4,149.0	2,385.5	4,770.5	0.97	-0.21	-0.95
11,632.0	90.90	159.00	6,204.7	-4,237.3	2,420.6	4,865.3	1.75	0.95	1.47

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Survey Report



Company:	Jay-Bee Oil & Gas	Local Co-ordinate Reference:	Well Larry 1
Project:	Tyler County	TVD Reference:	well @ 734.0usft (Patterson #381)
Site:	Larry Pad	MD Reference:	well @ 734.0usft (Patterson #381)
Well:	Larry 1	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
11,727.0	89.90	156.80	6,204.0	-4,325.3	2,456.3	4,960.2	2.54	-1.05	-2.32	
11,821.0	90.90	158.20	6,203.4	-4,412.2	2,492.3	5,054.1	1.83	1.06	1.49	
11,916.0	90.60	158.40	6,202.1	-4,500.4	2,527.4	5,148.9	0.38	-0.32	0.21	
12,011.0	92.30	161.10	6,199.7	-4,589.5	2,560.3	5,243.5	3.36	1.79	2.84	
12,106.0	92.40	161.50	6,195.8	-4,679.4	2,590.7	5,337.8	0.43	0.11	0.42	
12,200.0	92.40	161.30	6,191.9	-4,768.4	2,620.7	5,431.0	0.21	0.00	-0.21	
12,295.0	90.90	161.60	6,189.2	-4,858.5	2,650.9	5,525.3	1.61	-1.58	0.32	
12,389.0	90.60	161.00	6,187.9	-4,947.5	2,681.0	5,618.7	0.71	-0.32	-0.64	
12,484.0	90.00	160.70	6,187.4	-5,037.2	2,712.2	5,713.1	0.71	-0.63	-0.32	
12,579.0	89.90	160.90	6,187.5	-5,126.9	2,743.4	5,807.6	0.24	-0.11	0.21	
12,673.0	89.70	160.70	6,187.9	-5,215.7	2,774.4	5,901.1	0.30	-0.21	-0.21	
12,768.0	89.30	160.70	6,188.7	-5,305.4	2,805.8	5,995.6	0.42	-0.42	0.00	
12,862.0	88.90	160.00	6,190.2	-5,393.9	2,837.4	6,089.1	0.86	-0.43	-0.74	
12,957.0	88.90	160.20	6,192.0	-5,483.2	2,869.7	6,183.6	0.21	0.00	0.21	
13,052.0	87.90	159.90	6,194.6	-5,572.5	2,902.1	6,278.2	1.10	-1.05	-0.32	
13,147.0	88.50	161.30	6,197.6	-5,662.0	2,933.6	6,372.6	1.60	0.63	1.47	
13,241.0	89.60	161.00	6,199.2	-5,751.0	2,964.0	6,466.0	1.21	1.17	-0.32	
13,336.0	91.60	160.70	6,198.2	-5,840.7	2,995.2	6,560.5	2.13	2.11	-0.32	
13,431.0	90.40	159.10	6,196.5	-5,929.9	3,027.8	6,655.1	2.11	-1.26	-1.68	
13,525.0	91.90	159.80	6,194.6	-6,017.9	3,060.8	6,748.7	1.76	1.60	0.74	
13,619.0	91.70	159.70	6,191.7	-6,106.0	3,093.3	6,842.3	0.24	-0.21	-0.11	
13,714.0	91.00	162.20	6,189.4	-6,195.8	3,124.3	6,936.7	2.73	-0.74	2.63	
13,809.0	90.40	161.60	6,188.3	-6,286.1	3,153.8	7,031.0	0.89	-0.63	-0.63	
13,903.0	89.70	160.50	6,188.2	-6,375.0	3,184.3	7,124.4	1.39	-0.74	-1.17	
13,998.0	88.70	159.80	6,189.5	-6,464.3	3,216.6	7,218.9	1.28	-1.05	-0.74	
14,093.0	90.20	161.90	6,190.4	-6,554.1	3,247.8	7,313.4	2.72	1.58	2.21	
14,188.0	88.90	160.30	6,191.2	-6,643.9	3,278.5	7,407.8	2.17	-1.37	-1.68	
14,282.0	90.90	163.70	6,191.4	-6,733.3	3,307.6	7,501.0	4.20	2.13	3.62	
14,377.0	90.90	163.90	6,189.9	-6,824.5	3,334.1	7,594.8	0.21	0.00	0.21	
14,472.0	90.20	162.50	6,189.0	-6,915.5	3,361.5	7,688.7	1.65	-0.74	-1.47	
14,567.0	89.60	161.70	6,189.1	-7,005.9	3,390.7	7,782.9	1.05	-0.63	-0.84	
14,662.0	90.10	162.70	6,189.4	-7,096.3	3,419.8	7,877.1	1.18	0.53	1.05	
14,756.0	90.80	162.20	6,188.6	-7,186.0	3,448.1	7,970.3	0.92	0.74	-0.53	
14,851.0	91.60	162.70	6,186.6	-7,276.5	3,476.7	8,064.4	0.99	0.84	0.53	
14,945.0	91.00	162.80	6,184.5	-7,366.3	3,504.6	8,157.4	0.65	-0.64	0.11	
15,040.0	90.50	163.10	6,183.3	-7,457.1	3,532.5	8,251.4	0.61	-0.53	0.32	
15,135.0	90.20	162.70	6,182.7	-7,547.9	3,560.4	8,345.5	0.53	-0.32	0.42	
15,184.0	90.60	163.20	6,182.3	-7,594.7	3,574.8	8,394.0	1.31	0.82	1.02	
TD @ 15238.0' MD / 6181.8' TVD										
15,238.0	90.60	163.20	6,181.8	-7,646.4	3,590.4	8,447.4	0.00	0.00	0.00	

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Site:	Larry Pad	MD Reference:	well @ 734.0usft (Patterson #381)
Well:	Larry 1	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
323.0	323.0	0.2	0.2	Gyro Tie-in @ 323.0' MD / 323.0' TVD
15,238.0	6,181.8	-7,646.4	3,590.4	TD @ 15238.0' MD / 6181.8' TVD

Checked By: _____ Approved By: _____ Date: _____

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