

Job Number:
Company: Gulfport Energy
Lease/Well: Ridgeview #32 16-1
Location: Moffat County
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: Colorado
Declination:
Grid:
File name: C:\CUST20~2\GULFPORT\002.SVY
Date/Time: 30-Sep-12 / 05:12
Curve Name: AS Drilled Ridgeview 32-16-1

AS Drilled Ridgeview 32-16-1

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 43.82
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>Vertical Section FT</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Dogleg Severity Deg/100</i>	<i>Grid X FT</i>	<i>Grid Y FT</i>
.00	.00	.00	.00	.00	.00	.00	.00	1413001.06	423238.32
90.00	.30	107.94	90.00	.10	-.07	.22	.33	1413001.28	423238.25
180.00	.80	77.90	180.00	.73	-.01	1.06	.62	1413002.12	423238.31
270.00	1.71	61.80	269.97	2.52	.75	2.86	1.07	1413003.92	423239.07
360.00	2.00	74.40	359.93	5.15	1.81	5.55	.56	1413006.61	423240.13
450.00	3.20	45.40	449.84	9.01	3.99	8.85	1.94	1413009.91	423242.31
540.00	4.00	48.50	539.66	14.65	7.84	12.99	.91	1413014.05	423246.16
630.00	4.40	44.80	629.42	21.23	12.37	17.78	.54	1413018.84	423250.69
660.00	4.70	43.90	659.32	23.61	14.07	19.44	1.03	1413020.50	423252.39
750.00	4.44	37.90	749.04	30.76	19.47	24.14	.60	1413025.20	423257.79
840.00	4.75	32.10	838.75	37.88	25.38	28.26	.62	1413029.32	423263.70
964.00	2.80	358.40	962.49	45.03	32.76	30.90	2.32	1413031.96	423271.08
1052.00	1.00	26.20	1050.43	47.27	35.60	31.18	2.24	1413032.24	423273.92
1149.00	.80	13.64	1147.42	48.67	37.01	31.72	.29	1413032.78	423275.33
1249.00	.20	108.81	1247.42	49.34	37.64	32.05	.84	1413033.11	423275.96
1349.00	.55	59.66	1347.42	49.88	37.82	32.62	.45	1413033.68	423276.14
1449.00	.84	82.07	1447.41	50.92	38.17	33.76	.39	1413034.82	423276.49
1552.00	.33	58.57	1550.40	51.80	38.43	34.77	.54	1413035.83	423276.75
1653.00	.37	63.42	1651.40	52.38	38.72	35.31	.05	1413036.37	423277.04
1749.00	.12	113.11	1747.40	52.71	38.82	35.68	.32	1413036.74	423277.14
1853.00	.63	33.39	1851.40	53.31	39.26	36.09	.60	1413037.15	423277.58
1950.00	.57	69.71	1948.39	54.27	39.87	36.84	.39	1413037.90	423278.19
2053.00	.43	82.81	2051.39	55.03	40.10	37.70	.17	1413038.76	423278.42
2151.00	.65	87.80	2149.39	55.72	40.16	38.62	.23	1413039.68	423278.48
2254.00	.20	64.20	2252.38	56.31	40.26	39.37	.46	1413040.43	423278.58
2353.00	.80	.00	2351.38	56.97	41.03	39.52	.74	1413040.58	423279.35
2419.00	.60	115.10	2417.38	57.41	41.34	39.83	1.80	1413040.89	423279.66
2517.00	.50	117.50	2515.37	57.70	40.93	40.68	.10	1413041.74	423279.25
2617.00	.20	58.30	2615.37	57.99	40.82	41.21	.43	1413042.27	423279.14

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	Dogleg Severity Deg/100	Grid X FT	Grid Y FT
2726.00	.20	324.40	2724.37	58.21	41.07	41.27	.27	1413042.33	423279.39
2832.00	.50	84.80	2830.37	58.59	41.27	41.62	.59	1413042.68	423279.59
2937.00	.50	58.40	2935.36	59.38	41.55	42.46	.22	1413043.52	423279.87
3032.00	.10	52.30	3030.36	59.86	41.82	42.88	.42	1413043.94	423280.14
3139.00	.90	116.60	3137.36	60.20	41.50	43.71	.81	1413044.77	423279.82
3236.00	.70	79.50	3234.35	60.91	41.26	44.97	.56	1413046.03	423279.58
3331.00	.60	75.00	3329.34	61.81	41.50	46.02	.12	1413047.08	423279.82
3423.00	.29	81.30	3421.34	62.40	41.66	46.72	.34	1413047.78	423279.98
3520.00	.30	54.90	3518.34	62.85	41.84	47.17	.14	1413048.23	423280.16
3623.00	.90	26.10	3621.33	63.88	42.72	47.75	.63	1413048.81	423281.04
3727.00	.40	108.80	3725.33	64.82	43.34	48.45	.90	1413049.51	423281.66
3848.00	.70	84.40	3846.32	65.56	43.27	49.58	.31	1413050.64	423281.59
3950.00	.20	60.87	3948.32	66.20	43.42	50.36	.51	1413051.42	423281.74
4066.00	.76	34.56	4064.31	67.15	44.15	50.97	.51	1413052.03	423282.47
4165.00	.27	103.96	4163.31	67.92	44.64	51.57	.72	1413052.63	423282.96
4258.00	.00	.00	4256.31	68.02	44.59	51.78	.29	1413052.84	423282.91
4355.00	.00	133.95	4353.31	68.02	44.59	51.78	.00	1413052.84	423282.91
4455.00	.65	63.46	4453.31	68.56	44.84	52.29	.65	1413053.35	423283.16
4527.00	1.30	30.20	4525.30	69.74	45.73	53.07	1.16	1413054.13	423284.05
4621.00	4.30	25.70	4619.18	74.12	49.83	55.13	3.20	1413056.19	423288.15
4716.00	6.60	28.50	4713.74	82.78	57.83	59.28	2.44	1413060.34	423296.15
4811.00	8.40	29.90	4807.92	94.78	68.65	65.35	1.90	1413066.41	423306.97
4905.00	11.00	33.40	4900.57	110.26	82.09	73.71	2.83	1413074.77	423320.41
4999.00	13.10	34.80	4992.50	129.61	98.33	84.73	2.26	1413085.79	423336.65
5093.00	14.50	36.60	5083.78	151.80	116.52	97.82	1.56	1413098.88	423354.84
5189.00	15.80	38.00	5176.44	176.73	136.47	113.04	1.41	1413114.10	423374.79
5283.00	17.80	36.60	5266.43	203.72	158.09	129.48	2.17	1413130.54	423396.41
5377.00	19.50	39.70	5355.49	233.62	181.70	148.07	2.09	1413149.13	423420.02
5472.00	21.40	42.90	5444.50	266.77	206.60	170.00	2.32	1413171.06	423444.92
5566.00	23.80	39.40	5531.28	302.84	233.82	193.72	2.93	1413194.78	423472.14
5660.00	26.50	42.50	5616.37	342.72	263.95	219.93	3.20	1413220.99	423502.27
5754.00	27.80	42.90	5700.01	385.61	295.47	249.02	1.40	1413250.08	423533.79
5860.00	29.90	41.50	5792.85	436.73	333.37	283.36	2.08	1413284.42	423571.69
5955.00	32.40	41.50	5874.14	485.82	370.17	315.92	2.63	1413316.98	423608.49
6049.00	34.70	38.70	5952.48	537.65	409.92	349.34	2.95	1413350.40	423648.24
6148.00	37.30	43.30	6032.58	595.73	453.76	387.55	3.79	1413388.61	423692.08
6243.00	40.40	43.30	6106.56	655.31	497.12	428.41	3.26	1413429.47	423735.44
6337.00	41.90	41.10	6177.34	717.13	542.95	469.94	2.22	1413471.00	423781.27
6431.00	45.80	43.50	6245.12	782.21	591.06	513.79	4.51	1413514.85	423829.38
6527.00	49.80	42.90	6309.59	853.31	642.90	562.45	4.19	1413563.51	423881.22
6627.00	52.30	43.30	6372.45	931.06	699.68	615.59	2.52	1413616.65	423938.00
6721.00	53.10	43.30	6429.42	1005.83	754.10	666.87	.85	1413667.93	423992.42
6816.00	54.60	42.00	6485.46	1082.52	810.52	718.83	1.93	1413719.89	424048.84
6910.00	58.40	41.20	6537.33	1160.83	869.13	770.86	4.10	1413771.92	424107.45
7004.00	60.30	42.50	6585.25	1241.65	929.36	824.81	2.35	1413825.87	424167.68
7075.00	61.80	43.90	6619.62	1303.77	974.64	867.34	2.73	1413868.40	424212.96
7190.00	63.30	44.50	6672.63	1405.81	1047.80	938.49	1.38	1413939.55	424286.12
7285.00	65.00	44.50	6714.05	1491.30	1108.78	998.41	1.79	1413999.47	424347.10
7380.00	69.20	44.80	6751.01	1578.78	1171.02	1059.90	4.43	1414060.96	424409.34
7474.00	66.20	43.00	6786.67	1665.74	1233.66	1120.21	3.65	1414121.27	424471.98
7569.00	68.00	44.80	6823.64	1753.24	1296.71	1180.89	2.58	1414181.95	424535.03

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	Dogleg Severity Deg/100	Grid X FT	Grid Y FT
7664.00	69.80	47.60	6857.85	1841.78	1358.03	1244.86	3.34	1414245.92	424596.35
7758.00	70.20	44.70	6890.00	1930.03	1419.22	1308.55	2.93	1414309.61	424657.54
7852.00	70.90	45.20	6921.30	2018.64	1481.95	1371.17	.90	1414372.23	424720.27
7947.00	70.70	44.50	6952.54	2108.35	1545.55	1434.44	.73	1414435.50	424783.87
8041.00	70.10	47.40	6984.08	2196.83	1607.12	1498.07	2.98	1414499.13	424845.44
8136.00	69.80	49.30	7016.66	2285.78	1666.42	1564.75	1.91	1414565.81	424904.74
8230.00	69.80	48.00	7049.11	2373.69	1724.71	1630.98	1.30	1414632.04	424963.03
8325.00	67.70	49.40	7083.55	2461.90	1783.14	1697.48	2.60	1414698.54	425021.46
8419.00	68.60	50.40	7118.53	2548.65	1839.34	1764.22	1.38	1414765.28	425077.66
8514.00	69.50	46.30	7152.51	2637.07	1898.29	1830.49	4.14	1414831.55	425136.61
8609.00	72.30	44.10	7183.60	2726.80	1961.54	1894.17	3.67	1414895.23	425199.86
8703.00	73.80	43.50	7211.00	2816.71	2026.44	1956.40	1.71	1414957.46	425264.76
8797.00	70.50	42.10	7239.81	2906.16	2092.07	2017.19	3.79	1415018.25	425330.39
8828.00	70.00	42.10	7250.29	2935.32	2113.72	2036.75	1.61	1415037.81	425352.04
Projection									
8912.00	70.00	42.10	7279.02	3014.22	2172.29	2089.67	.00	1415090.73	425410.61