



Job Number: 11280-159
 Company: Wexpro Company
 Lease/Well: B.W. Musser #39
 Location: Sec 4, T11N, R97W, 6 PM
 Rig Name: SST 88
 RKB: 6605 Ft
 G.L. or M.S.L.: 6577 Ft

State/Country: Moffat County, Colorado
 Declination:
 Grid:
 File name: P:\WEXPRO\11280-1\EOW\CLOSUR-1\11280-1.SVY
 Date/Time: 06-Jan-12 / 16:06
 Curve Name: Wexpro B.W. Musser #39 (EOW Surveys)

"Wexpro B.W. Musser #39 (EOW Surveys)"

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 216.11
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Tie-In Pt									
161.00	.60	128.30	161.00	-.52	.66	.03	.84	128.30	.37
253.00	1.00	233.10	252.99	-1.30	.40	.82	1.36	163.03	1.40
344.00	.60	228.80	343.98	-2.09	-.60	2.04	2.18	195.89	.44
436.00	.80	198.70	435.98	-3.02	-1.16	3.13	3.24	201.09	.45
526.00	2.40	219.20	525.94	-5.07	-2.56	5.61	5.68	206.74	1.86
617.00	4.00	225.30	616.79	-8.78	-6.02	10.64	10.65	214.41	1.80
706.00	5.70	224.10	705.47	-14.14	-11.30	18.08	18.10	218.63	1.91
797.00	7.10	220.20	795.90	-21.68	-18.08	28.17	28.23	219.81	1.61
893.00	8.40	220.60	891.02	-31.54	-26.47	41.08	41.17	220.00	1.36
988.00	9.80	215.90	984.83	-43.36	-35.73	56.08	56.18	219.49	1.67
1083.00	11.00	213.20	1078.27	-57.49	-45.43	73.22	73.27	218.32	1.36
1179.00	12.00	217.20	1172.34	-73.10	-56.48	92.35	92.38	217.69	1.33
1274.00	12.40	216.80	1265.19	-89.14	-68.56	112.42	112.45	217.57	.43
1369.00	13.60	215.30	1357.76	-106.42	-81.12	133.79	133.82	217.32	1.31
1465.00	15.10	214.90	1450.76	-125.89	-94.80	157.58	157.59	216.98	1.57
9-5/8" Surface Csg									
1535.00	15.81	213.87	1518.23	-141.29	-105.33	176.22	176.23	216.71	1.09
1622.00	16.70	212.70	1601.75	-161.65	-118.69	200.54	200.54	216.29	1.09
1717.00	16.70	216.80	1692.74	-184.06	-134.24	227.82	227.82	216.10	1.24
1812.00	16.00	217.10	1783.90	-205.44	-150.32	254.56	254.56	216.19	.74
1908.00	16.40	217.90	1876.09	-226.68	-166.62	281.33	281.33	216.32	.48
2003.00	16.30	215.50	1967.25	-248.12	-182.60	308.07	308.07	216.35	.72

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2099.00	16.20	214.60	2059.41	-270.11	-198.03	334.92	334.93	216.25	.28
2195.00	16.50	213.40	2151.53	-292.52	-213.14	361.93	361.93	216.08	.47
2290.00	15.80	213.20	2242.78	-314.60	-227.65	388.32	388.32	215.89	.74
2385.00	16.70	215.00	2333.99	-336.60	-242.56	414.89	414.89	215.78	1.09
2481.00	16.30	217.00	2426.03	-358.66	-258.58	442.15	442.15	215.79	.72
2576.00	15.90	216.20	2517.31	-379.81	-274.29	468.49	468.50	215.84	.48
2671.00	17.20	216.30	2608.37	-401.63	-290.29	495.55	495.56	215.86	1.37
2767.00	16.90	216.40	2700.15	-424.30	-306.97	523.70	523.70	215.88	.31
2863.00	16.60	216.50	2792.08	-446.56	-323.41	551.37	551.37	215.91	.31
2958.00	16.70	215.60	2883.10	-468.57	-339.43	578.58	578.59	215.92	.29
3053.00	17.60	215.50	2973.87	-491.36	-355.71	606.60	606.60	215.90	.95
3148.00	17.40	214.00	3064.47	-514.83	-372.00	635.15	635.16	215.85	.52
3244.00	17.60	218.10	3156.03	-538.15	-388.98	664.00	664.01	215.86	1.30
3339.00	17.40	215.50	3246.64	-561.02	-406.09	692.56	692.57	215.90	.85
3435.00	16.90	219.60	3338.37	-583.45	-423.32	720.84	720.85	215.96	1.36
3530.00	16.50	219.80	3429.37	-604.46	-440.76	748.09	748.09	216.10	.43
3626.00	16.20	219.60	3521.48	-625.25	-458.02	775.06	775.06	216.22	.32
3721.00	17.00	216.80	3612.53	-646.58	-474.79	802.17	802.18	216.29	1.19
3817.00	16.60	217.20	3704.43	-668.74	-491.48	829.92	829.92	216.31	.43
3912.00	16.20	218.20	3795.56	-689.97	-507.88	856.73	856.74	216.36	.52
4008.00	17.20	216.10	3887.51	-711.96	-524.53	884.31	884.32	216.38	1.22
4103.00	17.00	214.90	3978.31	-734.70	-540.75	912.24	912.25	216.35	.43
4198.00	16.60	215.00	4069.26	-757.20	-556.48	939.69	939.70	216.31	.42
4294.00	15.30	218.30	4161.56	-778.38	-572.20	966.06	966.07	216.32	1.65
4389.00	14.80	217.20	4253.30	-797.88	-587.30	990.72	990.72	216.36	.61
4485.00	14.30	217.30	4346.23	-817.08	-601.90	1014.83	1014.84	216.38	.52
4580.00	14.00	212.10	4438.35	-836.15	-615.12	1038.02	1038.03	216.34	1.37
4675.00	12.80	215.90	4530.76	-854.41	-627.39	1060.01	1060.02	216.29	1.57
4771.00	11.50	216.10	4624.61	-870.75	-639.27	1080.22	1080.22	216.28	1.35
4866.00	9.90	213.60	4717.95	-885.21	-649.37	1097.85	1097.85	216.26	1.75
4961.00	8.60	215.80	4811.72	-897.77	-658.04	1113.11	1113.11	216.24	1.42
5056.00	7.50	212.50	4905.78	-908.76	-665.53	1126.40	1126.40	216.22	1.26
5152.00	7.00	217.40	5001.01	-918.69	-672.45	1138.50	1138.50	216.20	.83
5247.00	5.80	216.60	5095.42	-927.15	-678.83	1149.09	1149.09	216.21	1.27
5343.00	4.80	215.00	5191.01	-934.33	-684.02	1157.95	1157.96	216.21	1.05
5438.00	3.40	230.20	5285.76	-939.39	-688.47	1164.66	1164.66	216.24	1.85
5534.00	2.40	218.90	5381.64	-942.78	-691.92	1169.43	1169.43	216.28	1.20
5629.00	1.90	220.00	5476.57	-945.53	-694.18	1172.99	1172.99	216.28	.53
5725.00	.60	202.30	5572.55	-947.22	-695.39	1175.06	1175.07	216.28	1.40
5820.00	.70	245.40	5667.54	-947.92	-696.11	1176.05	1176.06	216.29	.51
5915.00	.50	268.70	5762.54	-948.17	-697.05	1176.81	1176.82	216.32	.33
6010.00	.40	259.80	5857.54	-948.24	-697.79	1177.30	1177.31	216.35	.13
6296.00	.60	241.10	6143.53	-949.14	-700.09	1179.38	1179.40	216.41	.09
6583.00	1.30	247.20	6430.48	-951.12	-704.40	1183.53	1183.56	216.52	.25
Last MWD Survey									
6665.00	.90	192.30	6512.47	-952.11	-705.40	1184.92	1184.95	216.53	1.31

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
TD Extrapolation (MD TD 9,135 Ft)									
9135.00	.90	192.30	8982.17	-990.02	-713.66	1220.41	1220.43	215.79	.00