



Client : XTO ENERGY, INC
 Well : State J Com #2S
 Location : San Juan County, New Mexico
 License :

45-33017

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Date: 7/17/2007

File: 4102013 MD, 1761

UWI #: BHL2

BHL1

2605/N 1954/W

1250/N 1114/W

MD - 3356

TVL - 1543

Vertical Section Calculated Along Azimuth 148.06°

KB Elevation = 6269.00ft

GR. Elevation = 6257.00ft

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	267.00	0.44	96.75	267.00	-0.12	1.02	0.64	0.16	0.16	36.24
2	297.00	0.94	140.25	297.00	-0.32	1.29	0.96	2.30	1.67	145.00
3	327.00	1.81	153.63	326.99	-0.94	1.66	1.67	3.07	2.90	44.60
4	357.00	3.13	143.25	356.96	-2.02	2.36	2.96	4.63	4.40	-34.60
5	387.00	4.50	146.50	386.89	-3.66	3.50	4.95	4.62	4.57	10.83
6	417.00	5.69	146.88	416.77	-5.88	4.96	7.62	3.97	3.97	1.27
7	447.00	6.81	149.00	446.59	-8.65	6.69	10.88	3.81	3.73	7.07
8	477.00	7.88	149.13	476.35	-11.94	8.66	14.72	3.57	3.57	0.43
9	507.00	8.81	148.38	506.03	-15.66	10.92	19.07	3.12	3.10	-2.50
10	538.00	9.56	148.00	536.63	-19.87	13.53	24.02	2.43	2.42	-1.23
11	568.00	10.56	149.13	566.17	-24.34	16.26	29.26	3.40	3.33	3.77
12	599.00	11.69	147.38	596.59	-29.42	19.41	35.24	3.80	3.65	-5.65
13	631.00	12.81	147.25	627.86	-35.14	23.08	42.03	3.50	3.50	-0.41
14	662.00	13.63	147.75	658.04	-41.12	26.88	49.12	2.67	2.65	1.61
15	693.00	15.00	150.75	688.07	-47.71	30.79	56.78	5.02	4.42	9.68
16	724.00	15.94	150.25	717.95	-54.90	34.87	65.04	3.06	3.03	-1.61
17	756.00	16.75	150.25	748.66	-62.72	39.34	74.04	2.53	2.53	0.00
18	787.00	17.56	150.38	778.28	-70.67	43.86	83.17	2.62	2.61	0.42
19	819.00	18.63	153.00	808.69	-79.42	48.57	93.09	4.20	3.34	8.19
20	850.00	19.94	148.88	837.95	-88.36	53.55	103.31	6.09	4.23	-13.29
21	881.00	21.06	146.00	866.99	-97.50	59.40	114.16	4.86	3.61	-9.29
22	914.00	21.75	148.38	897.72	-107.62	65.92	126.20	3.36	2.09	7.21
23	945.00	23.31	149.50	926.35	-117.80	72.04	138.08	5.22	5.03	3.61
24	977.00	24.13	149.25	955.65	-128.87	78.60	150.95	2.58	2.56	-0.78
25	1009.00	25.00	149.13	984.75	-140.30	85.42	164.25	2.72	2.72	-0.38
26	1040.00	26.63	149.88	1012.65	-151.93	92.26	177.74	5.36	5.26	2.42
27	1071.00	27.00	150.13	1040.32	-164.04	99.25	191.72	1.25	1.19	0.81
28	1102.00	27.63	150.63	1067.86	-176.41	106.28	205.93	2.16	2.03	1.61
29	1134.00	28.31	150.38	1096.13	-189.47	113.67	220.92	2.16	2.13	-0.78
30	1165.00	28.31	149.63	1123.42	-202.21	121.02	235.62	1.15	0.00	-2.42
31	1197.00	28.44	147.88	1151.57	-215.21	128.91	250.82	2.63	0.41	-5.47
32	1228.00	28.38	147.75	1178.84	-227.69	136.77	265.57	0.28	-0.19	-0.42
33	1260.00	28.19	148.13	1207.02	-240.54	144.82	280.74	0.82	-0.59	1.19
34	1290.00	28.75	148.13	1233.39	-252.68	152.37	295.04	1.87	1.87	0.00
35	1322.00	30.13	149.25	1261.26	-266.12	160.54	310.76	4.64	4.31	3.50
36	1354.00	31.63	148.88	1288.72	-280.21	168.98	327.18	4.72	4.69	-1.16
37	1385.00	32.94	149.38	1314.93	-294.42	177.48	343.74	4.31	4.23	1.61
38	1416.00	33.25	148.88	1340.90	-308.95	186.16	360.66	1.33	1.00	-1.61

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Vertical Section Calculated Along Azimuth 148.06°**KB Elevation = 6269.00ft****GR. Elevation = 6257.00ft**

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
39	1447.00	35.25	148.13	1366.52	-323.83	195.28	378.11	6.59	6.45	-2.42
40	1479.00	37.94	147.63	1392.21	-339.98	205.42	397.18	8.46	8.41	-1.56
41	1510.00	41.44	147.13	1416.06	-356.65	216.09	416.97	11.34	11.29	-1.61
42	1541.00	45.44	147.13	1438.57	-374.55	227.66	438.28	12.90	12.90	0.00
43	1572.00	49.25	146.88	1459.57	-393.67	240.08	461.07	12.30	12.29	-0.81
44	1603.00	53.56	146.63	1478.90	-413.92	253.36	485.29	13.92	13.90	-0.81
45	1634.00	58.13	147.00	1496.30	-435.39	267.39	510.93	14.77	14.74	1.19
46	1666.00	62.63	147.63	1512.12	-458.80	282.41	538.74	14.17	14.06	1.97
47	1698.00	68.31	147.63	1525.40	-483.38	297.99	567.84	17.75	17.75	0.00
48	1729.00	74.13	149.75	1535.37	-508.44	313.22	597.17	19.86	18.77	6.84
49	1761.00	80.75	150.00	1542.33	-535.44	328.89	628.37	20.70	20.69	0.78
50	1785.00	86.19	150.25	1545.06	-556.11	340.76	652.19	22.69	22.67	1.04
51	1866.00	89.81	150.63	1547.88	-626.52	380.69	733.06	4.49	4.47	0.47
52	1898.00	89.31	150.00	1548.13	-654.31	396.54	765.03	2.51	-1.56	-1.97
53	1930.00	88.75	148.75	1548.67	-681.85	412.84	797.02	4.28	-1.75	-3.91
54	1961.00	90.13	148.00	1548.97	-708.24	429.09	828.02	5.07	4.45	-2.42
55	1993.00	90.00	147.38	1548.94	-735.29	446.19	860.02	1.98	-0.41	-1.94
56	2025.00	90.50	148.50	1548.80	-762.41	463.18	892.02	3.83	1.56	3.50
57	2057.00	90.81	149.38	1548.43	-789.82	479.69	924.01	2.92	0.97	2.75
58	2086.00	91.56	147.00	1547.83	-814.45	494.97	953.00	8.60	2.59	-8.21
59	2117.00	91.38	146.25	1547.04	-840.33	512.02	983.98	2.49	-0.58	-2.42
60	2149.00	91.19	146.50	1546.32	-866.97	529.73	1015.96	0.98	-0.59	0.78
61	2181.00	90.94	146.25	1545.72	-893.61	547.45	1047.94	1.10	-0.78	-0.78
62	2212.00	91.25	145.25	1545.13	-919.23	564.89	1078.91	3.38	1.00	-3.23
63	2244.00	90.31	145.50	1544.70	-945.56	583.07	1110.87	3.04	-2.94	0.78
64	2275.00	89.13	145.38	1544.85	-971.09	600.66	1141.84	3.83	-3.81	-0.39
65	2307.00	88.94	145.88	1545.39	-997.50	618.72	1173.80	1.67	-0.59	1.56
66	2339.00	88.31	146.53	1546.15	-1024.08	636.52	1205.78	2.83	-1.97	2.03
67	2370.00	88.31	147.88	1547.07	-1050.13	653.30	1236.76	4.35	0.00	4.35
68	2402.00	90.19	147.38	1547.49	-1077.15	670.43	1268.75	6.08	5.88	-1.56
69	2433.00	91.69	148.63	1546.98	-1103.44	686.85	1299.75	6.30	4.84	4.03
70	2465.00	90.56	148.63	1546.35	-1130.76	703.51	1331.74	3.53	-3.53	0.00
71	2496.00	89.88	147.88	1546.23	-1157.12	719.82	1362.74	3.27	-2.19	-2.42
72	2528.00	89.56	147.63	1546.39	-1184.18	736.89	1394.74	1.27	-1.00	-0.78
73	2562.00	89.56	147.75	1546.65	-1212.92	755.06	1428.74	0.35	0.00	0.35
74	2593.00	90.38	149.75	1546.66	-1239.42	771.14	1459.73	6.97	2.65	6.45
75	2625.00	90.81	148.63	1546.33	-1266.90	787.53	1491.72	3.75	1.34	-3.50
76	2657.00	91.81	148.25	1545.60	-1294.16	804.27	1523.71	3.34	3.13	-1.19



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Vertical Section Calculated Along Azimuth 148.06°										
KB Elevation = 6269.00ft GR. Elevation = 6257.00ft										
	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build:	Turn
	ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
77	2688.00	93.06	149.00	1544.28	-1320.60	820.40	1554.68	4.70	4.03	2.42
78	2720.00	93.63	148.13	1542.42	-1347.86	837.06	1586.63	3.25	1.78	-2.72
79	2751.00	94.06	148.38	1540.34	-1374.16	853.33	1617.56	1.60	1.39	0.81
80	2815.00	91.13	149.00	1537.44	-1428.78	886.55	1681.48	4.68	-4.58	0.97
81	2845.00	90.56	149.00	1537.00	-1454.49	902.00	1711.47	1.90	-1.90	0.00
82	2876.00	90.44	148.25	1536.73	-1480.96	918.14	1742.47	2.45	-0.39	-2.42
83	2907.00	90.25	148.38	1536.54	-1507.34	934.42	1773.47	0.74	-0.61	0.42
84	2939.00	90.44	148.13	1536.35	-1534.55	951.26	1805.47	0.98	0.59	-0.78
85	2970.00	89.75	147.75	1536.30	-1560.82	967.72	1836.47	2.54	-2.23	-1.23
86	3002.00	89.13	148.25	1536.61	-1587.96	984.67	1868.47	2.49	-1.94	1.56
87	3033.00	90.44	149.13	1536.73	-1614.44	1000.78	1899.46	5.09	4.23	2.84
88	3065.00	92.31	149.25	1535.96	-1641.92	1017.17	1931.45	5.86	5.84	0.38
89	3096.00	91.63	149.13	1534.89	-1668.52	1033.03	1962.42	2.23	-2.19	-0.39
90	3128.00	89.19	149.13	1534.66	-1695.99	1049.45	1994.41	7.63	-7.63	0.00
91	3159.00	88.88	148.75	1535.19	-1722.54	1065.44	2025.40	1.58	-1.00	-1.23
92	3191.00	89.00	148.88	1535.78	-1749.91	1082.01	2057.40	0.55	0.38	0.41
93	3223.00	88.13	148.50	1536.58	-1777.24	1098.63	2089.38	2.97	-2.72	-1.19
94	3253.00	86.69	148.25	1537.93	-1802.76	1114.35	2119.35	4.87	-4.80	-0.83
95	3285.00	86.38	148.88	1539.87	-1830.01	1131.01	2151.29	2.19	-0.97	1.97
96	3306.00	86.81	147.75	1541.12	-1847.85	1142.02	2172.25	5.75	2.05	-5.38
EXT	3356.00	88.70	147.00	1543.07	-1889.93	1168.95	2222.21	4.07	3.78	-1.50

Bottom Hole Closure 2222.22ft Along Azimuth 148.26°