

Surface 1445/N 235/E 30-045-34214
 BNL-OK 2053/N 757/E
 BNL-OK top 1996/N 708/E

PATH-FINDER

Job Number: 601000445-GC-GC
 Company: XTO Energy
 LeaseWell: Danburg Gas Com B #1Y
 Location: T30N, R12W
 Rig Name: Patterson 779
 RKB:
 G.L. or M.S.L.:
 State/Country: New Mexico
 Declination: 10.7
 Grid:
 File name: C:\WINSERVE\DANBURG.SVY
 Date/Time: 31-Mar-07 / 15:39
 Curve Name: Danburg Gas Com B #1Y

Pathfinder Energy Services

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 220.51
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

RCUD MAY2'07
 OIL CONS. DIV.
 DIST. 3

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
Assumed vertical to 351' M/D									
351.00	.00	.00	351.00	.00	.00	.00	.00	.00	.00
462.00	.62	218.92	462.00	-47	-38	.60	.60	218.92	.56
558.00	.53	206.35	557.99	-1.27	-.90	1.55	1.56	215.36	.16
654.00	.44	199.93	653.99	-2.01	-1.22	2.33	2.36	211.28	.11
749.00	.09	114.24	748.99	-2.39	-1.28	2.65	2.71	208.19	.47
845.00	.00	245.29	844.99	-2.42	-1.21	2.63	2.70	206.60	.09
942.00	.26	226.56	941.99	-2.57	-1.37	2.84	2.91	208.08	.27
1036.00	2.11	323.33	1035.97	-1.33	-2.56	2.67	2.88	242.57	2.29

5/7/07

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S		E-W		Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
				FT		FT			Distance FT	Direction Deg	
1132.00	3.96	296.70	1131.83	1.58		-6.58		3.07	6.76	283.50	2.37
1227.00	4.31	257.94	1226.60	2.31		-13.00		6.69	13.20	280.07	2.91
1323.00	4.75	224.63	1322.32	-1.28		-19.32		13.52	19.36	266.22	2.74
1419.00	6.68	223.14	1417.84	-8.18		-25.93		23.06	27.19	252.49	2.02
1515.00	8.27	217.34	1513.02	-17.74		-33.94		35.54	38.30	242.40	1.83
1610.00	8.27	217.60	1607.03	-28.59		-42.25		49.18	51.01	235.92	.04
1706.00	8.09	218.21	1702.06	-39.37		-50.64		62.83	64.14	232.14	.21
1802.00	8.00	217.42	1797.11	-49.98		-58.86		76.25	77.23	229.67	.15
1898.00	8.35	216.37	1892.14	-60.90		-67.07		89.87	90.59	227.76	.40
1994.00	8.44	216.98	1987.11	-72.14		-75.44		103.85	104.38	226.28	.13
2089.00	8.00	216.19	2081.13	-83.04		-83.54		117.40	117.79	225.17	.48
2185.00	7.47	218.39	2176.26	-93.33		-91.36		130.30	130.60	224.39	.63
2281.00	7.21	221.38	2271.47	-102.74		-99.22		142.56	142.83	224.00	.48
2376.00	7.47	218.74	2365.69	-112.03		-107.02		154.69	154.93	223.69	.45
2472.00	7.65	213.64	2460.86	-122.21		-114.47		167.28	167.45	223.13	.72
2568.00	7.91	211.71	2555.97	-133.15		-121.48		180.15	180.24	222.38	.38
2664.00	7.83	213.91	2651.07	-144.20		-128.60		193.17	193.21	221.73	.32
2759.00	7.47	224.81	2745.23	-153.95		-136.56		205.76	205.79	221.57	1.57
2855.00	8.18	226.30	2840.34	-163.10		-145.90		218.78	218.83	221.81	.77
2950.00	8.53	223.14	2934.33	-172.91		-155.60		232.54	232.62	221.98	.61
3046.00	9.32	219.97	3029.17	-184.06		-165.46		247.42	247.50	221.95	.97
3141.00	9.15	216.72	3122.93	-196.01		-174.92		262.65	262.71	221.75	.58
3237.00	8.35	217.95	3217.82	-207.63		-183.77		277.23	277.28	221.51	.86
3332.00	7.65	217.16	3311.89	-218.11		-191.84		290.44	290.47	221.33	.75
3428.00	8.35	215.93	3406.96	-228.84		-199.79		303.76	303.78	221.12	.75
3524.00	8.44	214.00	3501.93	-240.33		-207.82		317.71	317.72	220.85	.31
3619.00	7.91	215.31	3595.96	-251.44		-215.49		331.15	331.15	220.60	.59
3715.00	7.30	216.37	3691.12	-261.74		-222.93		343.81	343.81	220.42	.65
3811.00	7.03	219.97	3786.37	-271.16		-230.32		355.77	355.77	220.34	.55

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
3906.00	7.39	221.20	3880.62	-280.21	-238.08	367.69	367.69	220.35	.41
4002.00	7.65	224.81	3975.79	-289.39	-246.65	380.24	380.24	220.44	.56
4097.00	8.09	224.72	4069.90	-298.62	-255.81	393.21	393.21	220.58	.46
4193.00	8.00	218.39	4164.95	-308.66	-264.71	406.62	406.62	220.62	.93
4288.00	8.71	216.81	4258.95	-319.60	-273.12	420.41	420.41	220.52	.79
4384.00	8.88	216.54	4353.82	-331.37	-281.89	435.05	435.05	220.39	.18
4478.00	8.71	217.77	4446.71	-342.83	-290.57	449.40	449.40	220.28	.27
4572.00	8.09	219.45	4539.70	-353.56	-299.13	463.12	463.13	220.23	.71
4665.00	7.39	220.59	4631.86	-363.16	-307.18	475.64	475.65	220.23	.77
4760.00	7.12	223.58	4726.09	-372.06	-315.21	487.63	487.64	220.27	.49
4856.00	7.12	222.70	4821.35	-380.74	-323.35	499.52	499.52	220.34	.11
4951.00	8.79	216.48	4915.44	-390.91	-331.66	512.64	512.65	220.31	1.98
5047.00	9.15	219.50	5010.27	-402.70	-340.88	527.59	527.60	220.25	.62
5142.00	9.32	220.68	5104.03	-414.36	-350.69	542.84	542.84	220.24	.27
5238.00	8.62	220.68	5198.86	-425.71	-360.45	557.81	557.81	220.25	.73
5334.00	7.91	220.24	5293.86	-436.21	-369.41	571.61	571.61	220.26	.74
5429.00	7.91	223.58	5387.96	-445.93	-378.14	584.67	584.67	220.30	.48
5525.00	8.27	220.15	5483.00	-456.00	-387.14	598.17	598.17	220.33	.63
5620.00	7.65	219.97	5577.09	-466.06	-395.61	611.33	611.33	220.33	.65
5716.00	7.74	222.08	5672.22	-475.76	-404.05	624.18	624.18	220.34	.31
5811.00	8.71	220.85	5766.24	-485.95	-413.04	637.77	637.77	220.36	1.04
5907.00	8.18	221.29	5861.20	-496.58	-422.30	651.86	651.86	220.38	.56
6002.00	8.71	226.12	5955.17	-506.64	-431.95	665.78	665.78	220.45	.93
6098.00	9.94	220.76	6049.91	-517.96	-442.60	681.30	681.30	220.51	1.57
6194.00	8.44	224.37	6144.67	-529.27	-452.93	696.62	696.62	220.56	1.67
6289.00	8.88	221.99	6238.59	-539.70	-462.71	710.90	710.90	220.61	.60
Interpolated Point									
6383.66	9.75	220.78	6332.00	-551.20	-472.83	726.22	726.22	220.62	.94
6385.00	9.76	220.76	6333.32	-551.37	-472.98	726.45	726.45	220.62	.94

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
6481.00	10.46	218.92	6427.83	-564.32	-483.77	743.29	743.30	220.61	.80
6577.00	9.85	217.07	6522.33	-577.65	-494.19	760.20	760.20	220.55	.72
6672.00	8.71	217.42	6616.08	-589.85	-503.46	775.50	775.50	220.48	1.20
6768.00	8.09	217.69	6711.05	-600.97	-512.01	789.50	789.50	220.43	.65
Projection to TD @ 6828'									
6828.00	8.09	217.69	6770.45	-607.65	-517.17	797.94	797.94	220.40	.00

