

Survey Report

Date: 9/18/98

Time: 11:06 am

Wellpath ID: survey

Date Created: 7/31/98

Last Revision: 8/24/98

Calculated using the Minimum Curvature Method

Computed using PDS VER2.2.4

Vertical Section Plane: S 74.80 W

Survey Reference: WELLHEAD

Vertical Section Reference: WELLHEAD

Closure Reference: WELLHEAD

TVD Reference: WELLHEAD

CHESAPEAKE ENERGY
WAREHOUSE #1-10
LEA COUNTY, NEW MEXICO
SEC. 10-T16S-R36E
SURVEYS

Measured Depth (ft)	Incl (deg.)	Drift Dir. (qdeg)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft) (ft)		DLS (dg/100ft)
202.00	0.50	S 38.00 W	0.00	202.00	0.00	0.00 N	0.00 E	0.00
447.00	0.25	S 84.00 W	245.00	447.00	1.38	0.90 S	1.19W	0.15
877.00	0.25	S 26.00 E	430.00	876.99	2.13	1.84 S	1.71W	0.10
1156.00	0.25	N 9.00 E	279.00	1155.99	1.77	1.79 S	1.35W	0.17
1457.00	0.25	N 89.00 E	301.00	1456.99	0.86	1.13 S	0.59W	0.11
1736.00	0.00	N 0.00 E	279.00	1735.99	0.27	1.11 S	0.02 E	0.09
1983.00	0.75	N 4.00 E	247.00	1982.98	-0.26	0.50 N	0.13 E	0.30
2229.00	0.00	N 0.00 E	246.00	2228.97	-0.79	2.10 N	0.24 E	0.30
2417.00	1.00	N 19.00 W	188.00	2416.96	-0.68	3.66 N	0.29W	0.53
2852.00	0.50	N 39.00 W	435.00	2851.93	0.34	8.72 N	2.72W	0.13
3097.00	1.25	N 36.00 E	245.00	3096.90	-1.31	11.71 N	1.82W	0.50
3347.00	0.75	N 31.00 E	250.00	3346.86	-4.62	15.32 N	0.62 E	0.20
3596.00	0.75	N 14.00 E	249.00	3595.84	-6.59	18.30 N	1.86 E	0.09
3843.00	1.00	N 12.00 E	247.00	3842.81	-8.36	21.98 N	2.70 E	0.10
4093.00	0.50	N 29.00 E	250.00	4092.79	-10.12	25.06 N	3.68 E	0.22
4242.00	0.75	N 2.00 W	149.00	4241.78	-10.80	26.61 N	3.96 E	0.28
4562.00	1.25	N 36.00 E	320.00	4561.74	-14.00	31.52 N	5.94 E	0.25
4805.00	0.50	N 45.00 W	243.00	4804.71	-15.53	34.42 N	6.75 E	0.52
5053.00	0.50	S 82.00 W	248.00	5052.70	-13.92	35.03 N	4.91 E	0.18
NO DISK TO READ LEFT SURVEY SAME								
5300.00	0.50	S 8.00 W	247.00	5299.70	-12.43	33.82 N	3.69 E	0.24
5545.00	0.25	S 61.00 W	245.00	5544.69	-11.49	32.50 N	3.08 E	0.16
NO DISK TO READ LEFT SURVEY SAME								
5792.00	0.25	S 53.00 W	247.00	5791.69	-10.46	31.91 N	2.17 E	0.01