

CHESAPEAKE OPERATING, INC.
CHAMBERS 7-1, slot #1
UNKNOWN, LEA COUNTY, NEW MEXICO

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect	START TOTCO SURVEYS	TOTCO SURVEYS ASSUMED NOR	START DIRECTIONAL SURVEYS
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	0.00		
419.00	0.75	0.00	418.99	2.74 N	0.00 E	0.18	2.74		
873.00	0.25	0.00	872.97	6.70 N	0.00 E	0.11	6.70		
1339.00	0.25	0.00	1338.96	8.74 N	0.00 E	0.00	8.73		
1861.00	0.25	0.00	1860.96	11.02 N	0.00 E	0.00	11.01		
2362.00	0.50	0.00	2361.95	14.29 N	0.00 E	0.05	14.29		
2822.00	0.25	0.00	2821.94	17.30 N	0.00 E	0.05	17.30		
3324.00	0.75	0.00	3323.92	21.69 N	0.00 E	0.10	21.68		
3763.00	0.50	0.00	3762.89	26.47 N	0.00 E	0.06	26.46		
4223.00	0.50	0.00	4222.87	30.49 N	0.00 E	0.00	30.48		
4478.00	0.50	345.00	4477.86	32.68 N	0.29 W	0.05	32.67		
4721.00	0.50	349.00	4720.86	34.74 N	0.76 W	0.01	34.75		
5072.00	0.75	354.00	5071.83	38.53 N	1.30 W	0.07	38.55		
5383.00	0.75	339.00	5382.81	42.45 N	2.24 W	0.06	42.50		
5736.00	0.75	179.00	5735.80	42.30 N	3.03 W	0.42	42.37		
6070.00	0.50	335.00	6069.79	41.44 N	3.60 W	0.37	41.52		
6415.00	1.00	184.00	6414.77	39.80 N	4.45 W	0.42	39.91		
6724.00	0.75	124.00	6723.74	35.98 N	2.96 W	0.29	36.04		
7101.00	0.00	0.00	7100.73	34.60 N	0.92 W	0.20	34.61		
7472.00	0.00	0.00	7471.73	34.60 N	0.92 W	0.00	34.61		
7782.00	0.25	354.00	7781.73	35.27 N	0.99 W	0.08	35.28		
8103.00	0.00	9.00	8102.73	35.96 N	1.06 W	0.08	35.98		
8495.00	0.75	74.00	8494.72	36.67 N	1.41 E	0.19	36.62		
8807.00	1.00	59.00	8806.68	38.64 N	5.70 E	0.11	38.46		
9192.00	0.50	49.00	9191.65	41.47 N	9.85 E	0.13	41.18		

All data is in feet unless otherwise stated.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 47.00 on azimuth 356.65 degrees from wellhead.
Vertical section is from wellhead on azimuth 358.40 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ