

**Matrix Oil Corporation  
Sheridan 11-2  
Rio Blanco County, CO**

**Geodetic System: US State Plane 1927 (Exact solution)  
Zone: Colorado North 501  
Revised @ 6403.8usft (20' KB for Planning)  
Ground Level: 6383.8  
Latitude: 40° 3' 57.630 N  
Longitude: 107° 54' 28.830 W  
Magnetic North is 10.30° East of True North (Magnetic Declination)**

**FORMATION TOP DETAILS**

TVDPath	MDPath	Formation
1818.6	1860.0	Sulfur Creek
2440.3	2560.0	Niobrara
3328.9	4550.0	B/Middle Bench

**SECTION DETAILS**

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
650.0	0.00	0.00	650.0	0.0	0.0	0.00	0.00	0.0	
900.0	15.00	100.00	897.2	-5.7	32.0	6.00	100.00	-8.6	
1400.0	15.00	70.00	1380.1	5.5	159.5	1.55	-90.00	-9.4	
2300.0	24.99	25.00	2224.8	214.9	373.9	2.04	-57.01	179.0	
2600.0	45.09	0.00	2469.2	381.5	407.7	8.23	-35.53	341.7	
3100.0	65.09	345.00	2753.9	784.5	352.4	4.70	-31.59	748.2	
4855.5	68.83	333.82	3440.8	2293.9	-215.4	0.62	-70.04	2304.0	

**WELLBORE TARGET DETAILS (LAT/LONG)**

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
11-2 PBHL	3440.8	2293.9	-215.3	40° 4' 20.300 N	107° 54' 31.600 W	Point

