



WELL DETAILS: MT Fed Maplewood 8W-20-4

Ground Elevation:: 4636.0
RKB Elevation: KB=29 @ 4665.0usft (Patterson 901)
Rig Name: Patterson 901

Northing	Easting	Latitude	Longitude
1396347.94	3230632.45	40° 25' 6.312 N	104° 40' 18.012 W

Extraction Oil & Gas
Project: Weld County, CO (NAD83)
Site: Sec 09-T05N-R65W Ash Pad
Well: MT Fed Maplewood 8W-20-4
Wellbore: Wellbore #1
Design: Wellbore #1 (MT Fed Maplewood 8W-20-4/Wellbore #1)
Patterson 901

PROJECT DETAILS: Weld County, CO (NAD83)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Ground Level
Local North: True

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation	
1550.0	19.47	280.92	1525.1	45.0	-205.1	208.0	211.6	Tie into Surface Surveys	
1592.0	18.24	281.89	1564.9	47.7	-218.4	221.5	225.2	First MWD Survey @ 1592' MD	
6940.1	30.00	286.28	6652.4	368.2	-1723.6	1747.2	1775.1	30° Inclination @ 6940.1' MD	
6990.5	34.62	285.86	6695.0	375.6	-1749.5	1773.6	1803.2	Cross @ 6990.5' MD	
7328.1	69.99	273.99	6905.6	403.3	-2003.8	2029.3	2058.7	70° Inclination @ 7328.1' MD	
12334.8	90.61	274.51	6978.5	650.7	-6998.0	7027.5	7060.3	Cross @ 12334.8' MD	
17065.0	92.58	273.93	6959.6	957.1	-11715.7	11754.7	11789.7	Last MWD Survey @ 17065' MD	
17152.0	92.58	273.93	6955.7	963.1	-11802.4	11841.6	11876.6	Projection to TD @ 17152' MD 648' FNL/ 510' FWL	

