

NOBLE ENERGY INC WELD COUNTY CO

Well Name: **FRICK C 17-79HN**
Surface Location: **FRICK PAD 18-4N-64W**
North American Datum 1983, US State Plane 1983, Colorado Northern Zone
Ground Elevation: 4759.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 1358421.10 3254903.25 40.313660 -104.585910
ENSIGN 132 RKB 13' RKB @ 4772.0ft (ENSIGN 132 RKB 13')

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
300' RADIUS MM	1.0	1497.3	-72.5	Circle (Radius: 300.0)
BHL 2140'FSL & 75'FWL	6885.0	4313.4	610.6	Point



FRICK PAD 18-4N-64W
FRICK C 17-79HN
PLAN 6 (July 27, 2011) tie to sun
14:15, July 27 2011

ANNOTATIONS

TVD	MD	Annotation
6803.2	7320.0	SIDETRACK PT
6882.2	8415.0	END BUILD TO 90.2

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7320.0	87.82	358.92	6803.2	932.4	666.1	0.00	0.00	1016.6	
2	7858.7	83.00	20.00	6846.8	1459.0	753.5	4.00	103.63	1550.2	
3	7888.7	83.00	20.00	6850.4	1486.9	763.7	0.00	0.00	1579.3	
4	8415.8	90.20	354.59	6882.2	2004.3	829.4	5.00	-75.18	2100.7	
5	10735.3	90.20	354.59	6874.0	4313.4	610.6	0.00	0.00	4356.4	

