

PETROLEUM DEVELOPMENT CORP Weld County CO

Well Name: **Wells Ranch 12-34H**

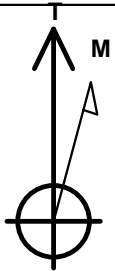
Surface Location: Wells Ranch 12-34H Pad Sec.34-T6N-R63W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4804.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1407299.45	3297093.00	40.446530	-104.432520	
RKB Ensign 32 - 15' WELL @ 4819.0ft (RKB Ensign 32 - 15')						

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
HARDLINE BHL 460'FEL	1.0	-406.8	4780.0	Polygon
HARDLINE SHL 460'FWL	1.0	-400.0	410.0	Polygon
SECTION HARDLINE 50'W OF SHL	1.0	-400.0	-50.0	Polygon
TARGET BHL 1360'FNL, 500'FEL	6649.0	-6.8	4740.0	Point



Azimuths to True North
Magnetic North: 8.63°

Magnetic Field
Strength: 53148.9snT
Dip Angle: 67.13°
Date: 11/9/2011
Model: IGRF2010

Wells Ranch 12-34H Pad Sec.34-T6N-R63W
Wells Ranch 12-34H
Plan #1 (11-09-11)
16:13, November 29 2011

ANNOTATIONS

TVD	MD	Annotation
5895.5	5895.5	KOP
6659.4	7097.5	End of Build

