

PETROLEUM DEVELOPMENT CORP Weld County CO

Well Name: Wells Ranch 34F-402
Surface Location: Wells Ranch NW-34 Pad Sec.34-T6N-R63W
North American Datum 1983 , US State Plane 1983Colorado Northern Zone
Ground Elevation: 4804.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1407332.24	3297092.61	40.446620	-104.432520	

Original Well Elev WELL @ 4819.0ft (Original Well Elev)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
HARDLINE BHL 460'FEL	1.0	-200.0	4780.0	1407189.80	3301874.48	40.446070	-104.415346	Polygon
HARDLINE SHL 460'FWL	1.0	-200.0	410.0	1407137.19	3297504.97	40.446071	-104.431047	Polygon
SECTION LINE 50'W OF SHL	1.0	-200.0	-50.0	1407131.66	3297045.02	40.446071	-104.432700	Polygon
BHL 1360'FNL & 500'FEL	6795.0	-39.6	4740.0	1407349.69	3301832.52	40.446510	-104.415490	Point

Azimuths to True North
Magnetic North: 8.59°

Magnetic Field
Strength: 53110.7snT
Dip Angle: 67.12°
Date: 3/20/2012
Model: IGRF2010

ANNOTATIONS

TVD	MD	Annotation
6057.4	6057.4	KOP
6821.3	7262.5	End of Build

Wells Ranch NW-34 Pad Sec.34-T6N-R63W
Wells Ranch 34F-402
Plan #1 (3-20-12)
14:51, April 02 2012

