

# PETROLEUM DEVELOPMENT CORP Weld County CO

Well Name: **Brown 11-2H**

Surface Location: Brown 11-2H Pad Sec.2-T6N-R63W

North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4710.0

+N/-S

+E/-W

Northing

Easting

Latitude

Longitude

Slot

0.0

0.0

1433964.07

3302427.32

40.519540

-104.412180

RKB Ensign 32 - 15' WELL @ 4725.0ft (RKB Ensign 32 - 15')

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
BHL HARDLINE 460'FEL	1.0	-485.6	4499.2	1433533.66	3306931.98	40.518206	-104.395998	Polygon
SECTION HARDLINE 250'W OF SHL	1.0	-400.0	-250.0	1433561.05	3302182.25	40.518442	-104.413079	Polygon
SHL HARDLINE 460'FWL	1.0	-400.0	210.0	1433566.69	3302642.20	40.518442	-104.411425	Polygon
BHL 1307'FNL & 500'FEL	6530.0	-85.6	4459.2	1433933.16	3306887.06	40.519304	-104.396142	Point

Azimuths to True North

Magnetic North: 8.58°

Magnetic Field

Strength: 53206.0snT

Dip Angle: 67.20°

Date: 11/29/2011

Model: IGRF200510

ANNOTATIONS

TVD	MD	Annotation
2800.0	2800.0	KOP #1
5816.4	5826.3	KOP #2
6580.2	7036.1	End of Build

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Plan #1 (11-29-11)

8:09, December 19 2011

