

PETROLEUM DEVELOPMENT CORP Weld County CO

Well Name: Schaefer 10M-243

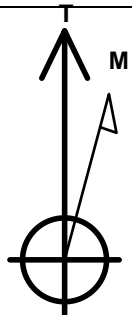
Surface Location: Schaefer Pad Sec.10-T6N-R63W
North American Datum 1983 , US State Plane 1983Colorado Northern Zone
Ground Elevation: 4697.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1429770.27	3298212.91	40.508170	-104.427520	

RKB Ensign 32 - 15' WELL @ 4712.0ft (RKB Ensign 32 - 15')

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
HARDLINE 2180'FWL	1.0	-4743.3	800.0	1425037.15	3299070.19	40.495150	-104.424644	Polygon
HARDLINE BHL 460'FSL	1.0	-4743.3	800.0	1425037.15	3299070.19	40.495150	-104.424644	Polygon
HARDLINE SHL 460'FNL	1.0	-275.0	800.0	1429504.97	3299016.15	40.507415	-104.424643	Polygon
SECTION LINE 185'N OF SHL	1.0	185.0	800.0	1429964.92	3299010.59	40.508678	-104.424643	Polygon
BHL 500'FSL & 2080'FWL	6535.0	-4703.3	698.1	1425075.88	3298967.82	40.495260	-104.425010	Point



Azimuths to True North
Magnetic North: 8.59°

Magnetic Field
Strength: 53148.3snT
Dip Angle: 67.17°
Date: 3/6/2012
Model: IGRF2010

ANNOTATIONS

TVD	MD	Annotation
200.0	200.0	KOP #1
5838.5	5894.7	KOP #2
6602.4	7107.4	End of Build

Schaefer Pad Sec.10-T6N-R63W
Schaefer 10M-243
Plan #1 (3-6-12)
13:18, March 21 2012

