

WELLBORE DIAGRAM

CURRENT WBD

660' FSL 660' FEL

Operator: Great Western Oil & Gas Co.
Well Name: Helen #1
Lease Number:
Location: SESE, 4 T1N R63W
Field: Scabbard
County, State: Weld Co., CO
API Number: 05-123-09614
Diagram Date: 2/20/2014
Lat/Long: 40.07506 / -104.43511

12 1/4" Hole
8 5/8" 24# set at 512'
280 sx cement

Port Collar @ 1,158'
500 sx, TOC = 114' (CBL)

7 7/8" Hole
4 1/2" 11.6# csg set at 7312'
Cmt'd w/200 sks
TOC @ 6,332' (CBL)

2-3/8" Tubing set @ ?

KB ' 4851

GL ' 4843

Spud Date: 4/28/2005
Date TD Reached:
Completion Date: 5/1/2005

Producing Formation: J-Sand

Fox Hills	774
Sussex	4272
Niobrara	6494
Fort Hays	6784
D Sand	7153
J sand	7204

J Sand Perfs

7,214'-7,220'

5/4/05 FRAC W/ 792 BBLS DYNA FLOW, 50,000# 20/40 SAND

PBTD = 7309'
TD = 7312'