

Foundation Energy Management, LLC
Drilling - Completion - Workover - Facilities
WELLBORE DIAGRAM

Well / Battery Puritan 4	Prospect Name Merit	Total Depth 5,190'	Last Updated 7-18-2011 (JAF)
Location NW SE	Sec-Twn-Rng 34-2N-68W	Producing Horizon SN/SX	County & State Weld, CO

WELLBORE DIAGRAM

General Info

API Number: 05-123-09104
Field Name: Spindle

KB Elevation: 5,012'
GL Elevation: 5,005'

Spud Date: 02-10-1977
TD Reached: 02-15-1977
1st Completed: 08-15-1977

Original TD: 5,190'
Original PB: 5,150'

Formation Tops

Btm Fox Hills:	260'
Rocky Ridge:	4,077'
Sussex:	4,585'
Shannon:	5,034'

Special Problems

> Tubing & rod info correct?

Surface Equipment

American 114G

Surface Casing

8-5/8" 23# @ 444' in 12-1/4" Hole
400 sx - TOC @ Surface
DV tool set @ 100'

Rods (4-15-2004)

1 - 22' x 1 1/4" PR
201 - 3/4" rods

Pump (4-15-2004)

2" x 1-1/4" x 16' THD

Tubing (4-15-2004)

145 - 2-3/8" J-55 EUE 4.7# jts
TAC
16 - 2-3/8" J-55 EUE 4.7# jts
SN
MA
Landed @ +/- 5,096'

Stimulation

75k# 10/20 + 180k# 20/40
80,000 gal Super E

50k# 10/20 + 110k# 20/40 + 30k# 100 mesh
90,000 gal gelled water

Perforations

4,587' - 4,600' (SX) 26 holes - 0.4"

5,040' - 5,052' (SN) 2 spf: 24 holes - 0.4"

Production Casing