

7/30/2007



Petroleum Development Corporation

Hardman #4

SESW Sec 16.-T5N-R67W

Weld County, CO

Current Wellbore Schematic - NOT TO SCALE!!!

7/30/2007

API#: 05-123-11355

RECEIVED

JUL 31 07

COGCC

GL Elevation: 5000'

KB Elevation: 5001'



Surface Casing:

8 5/8" @ 489' 360sx cmt.

Production Casing:

4 1/2" @ 7344'

Longstring Cement:

0

0

0

0

Top of Cement:

0

Current Tubing In Hole:

2 3/8" 7136'

0

0

Perforations:

Codell: 7246'-7259', (26 holes)

0

Old:

0

0

0

Codell: 7252'-7262' (30 holes)

0

New:

0

0

0

Nio B

Codell

PBTD: 7324'

Casing TD: 7344'

NOTES

Re-Perf Codell: 7252' - 7262', 30 holes. Re-Frac Codell: 2593 bbls. Vistar 24# fluid, 220,720 lbs. 20/40 white sand, 8000 lbs. super LC 20/40 sand ATP: 4197 psi, ATR: 14.5 bpm.