



01838369

10/18/2007



Petroleum Development Corporation  
Butterball 23-19  
NESW Sec 19 T3N R64W  
Weld County, CO

Current Wellbore Schematic - NOT TO SCALE!!!

10/18/2007

API#: 05-123-25945

**RECEIVED**

OCT 19 2007

**COGCC**

GL Elevation: 4777'

KB Elevation: 4788'

Surface Casing:

8 5/8" @ 678' 480sx cmt.

Production Casing:

4 1/2" @ 7250'  
DV tool @ 4754'

Longstring Cement:

1st stage: 250sx

2nd stage: 200sx

0

0

Top of Cement:

2920' &amp; 5678'

Current Tubing In Hole:

2 3/8" @ 7003'

0

0

Perforations:

Old:

0

0

0

0

0

New:

Codell: 7022'-7034' (36 holes) ✓

Niobrara: 6790'-6806' (48 holes) ✓

0

0

Niobrara

Codell

PBTD: 7217'

TD: 7657'

**NOTES**

Frac'd Codell with 2592 bbls of Vistar 20# fluid system, 220780 lbs of 20/40 white sand and 8000 lbs of Super LC 20/40 resin coated proppant. 7/11/07

Frac'd Niobrara with 500 gallons of 15% HCL, 1523 bbls Slickwater pad, 189 bbls of Vistar 18# pad, 2442 bbls of Vistar 18# fluid system, 245780 lbs of 30/50 white sand and 8000 lbs of Super LC 20/40 resin coated proppant. 7/11/07