



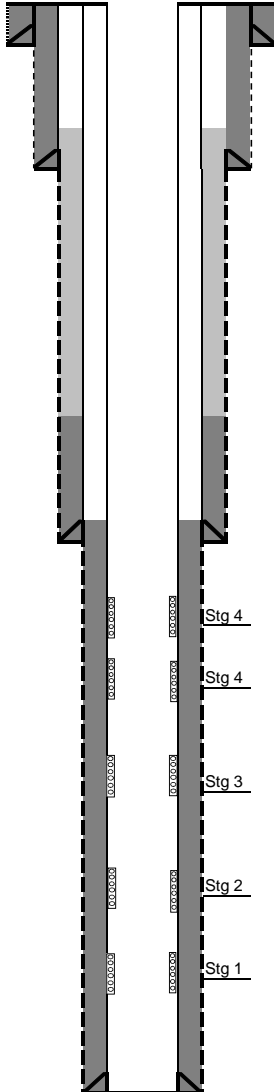
WELL NAME: Pirtlaw Partners LTD 24-33
FIELD: WILDCAT
PROJECT AREA: Sec 33-T7N-R87W
COUNTY/STATE: Routt County, CO
RIG: _____

SPUD DATE: 8/12/2012
COMP DATE: _____
ID DATE: _____

API# 05-107-0706248-00
AFE# _____
WELL CODE 05.1017.002

QRI WI _____ %
QRI NRI _____ %

KB: 16' GL: 6,616'



Conductor Casing: 20" casing set @ 40' & cemented

SURFACE CASING:

DEPTH: 1244' SIZE: 9 5/8" WT: 36 lb/ft GRADE: J-55 BIT SIZE: 12 1/4"
CEMENT: Lead: 200 sks VariCem V1 (12.3 lb/gal, 2.24 ft³/sk)
Tail: 145 sks VariCem V2 (14.2 lb/gal, 1.3 ft³/sk)

INTERMEDIATE CASING:

DEPTH: 5,865' SIZE: 7" WT: 26 lb/ft GRADE: N-80 BIT SIZE: 8 3/4"
CEMENT: Lead: 415 sks Econocem (12.2 lb/gal, 2.23 ft³/sk)
Tail: 90 sks ExtendaCem (14.2 lb/gal, 1.29 ft³/sk)

DV TOOL: _____

PRODUCTION CASING:

DEPTH: 7,881' SIZE: 4 1/2" WT: 13.5 lb/ft GRADE: L-80 BIT SIZE: 6 1/8"
CEMENT: 210 sks Elasticem (13.5 lb/gal, 1.73 ft³/sk) TOC: 4,850' From CBL

DV TOOL: N/A

TUBING:

DEPTH: _____ SIZE: _____ WT: _____ GRADE: _____ Packer: _____

Pumping Unit _____

COMPLETION:

| STAGE | PERFS | Holes | FG | Max Rate | Fluid Used | 40/70 White | 20/40 White | 20/40 CRC | Fluid Type |
|-------|--|-------|----------|----------|-------------------|-------------|-------------|-----------|---------------------|
| | SPF/SHOTS | | (psi/ft) | BPM | (gal) | (lb) | (lb) | (lb) | |
| 1 | Frontier - 7,505'-10', 7,548'-53', 7,570'-75', 7,610'-15' (6 spf, 60 deg. 0.42" dia.) | 120 | 0.88 | 35.8 | 132,212 | 0 | 132900 | 11,000 | X-Linked Gel |
| 2 | Basal Niobrara - 7,005'-10', 7,065'-70', 7,120'-25', 7,155'-60' (6 spf, 60 deg. 0.42" dia.) | 120 | 0.86 | 80.8 | 239,104 | 202,600 | | 38,200 | Slickwater/Lin. Gel |
| 3 | Wolf Mountain - 6,630'-35', 6,700'-05', 6,755'-60', 6,805'-10' (6 spf, 60 deg. 0.42" dia.) | 120 | 0.84 | 83.5 | 451,870 | 406,300 | | 57,300 | Slickwater/Lin. Gel |
| 4 | Toe Crk/Buck Pk - 6,000'-05', 6,045'-50', 6,405'-10', 6,455'-60', 6,510'-15' (6 spf, 60 deg. 0.42" dia.) | 150 | 0.87 | 83.6 | 456,162 | 404,200 | | 57,600 | Slickwater/Lin. Gel |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | Totals | 1,279,348 | 1,013,100 | 132,900 | 164,100 |
| | | | | | Total Sand Volume | | 1,310,100 | | |
| | | | | | | | | | |
| | | | | | | | | | |

TD: 7,881' FC: 7,865'

Prepared by: J. Segars
Date: 11/15/2012