

Ute 33-23

Current Wellbore Diagram

API #05-067-09741

NE NE, Sec 33, T33N, R08W La Plata Co., CO

SPUD DATE: 6/3/10

7/12/2010

GL= 7294' KB= 7306'

Pump Unit

Sentry 228-213-86 PU & Arrow C-101 gas engine

Surface Csg

8 5/8", 24#, J-55 csg at 468'. Cmt- 245 sx "G", 1.17 cuft/sk. Top of cmt at surface.

Csg at 468'

KOP at 488'

7 7/8" hole

Production Tbg

Depth

117 jts 2 3/8" 4.7#, J-55 tbg	
2 3/8 x 5 1/2 B-2 tbg anchor	3759'
11 jts 2 3/8" 4.7#, J-55 tbg	
2 3/8" STD SN	4108'
1 jt 2 3/8" mud anchor w/weephole	
2 3/8" WLREG	4141'

Rods & Pump

1.25 x 26' polish rod
7/8" rod sub
17 - 7/8" rods
146 - 3/4" guided rods, 4 per
2 x 1.25 x 10 x 11 x 12 RHAC pump, 4' grooved plunger

Combined fracs: 250,700# 20/40 sd & 5387 bbls fluid

Fruitland Coal Perfs:

Perf 3878-3880, 3888-3896, 3904-3906', 4spf, .41" diam
Acid balloff- 800 gal 15% HCL. Frac- 109,300# 20/40 AZ Brwn sd, Sandwedge NT, 20# XL gel, hybrid pad

Perf 3984-3986, 4000-4003, 4008-4025, 4030-4034, 4spf, .41" diam
Acid balloff- 1900 gal 15% HCL. Frac- 85,500# 20/40 AZ Brwn sd, Sandwedge NT, 20# XL gel, hybrid pad

Perf 4059-4066, 4068-4070', 4spf, .41" diam
Acid balloff- 630 gal 15% HCL. Frac- 55,900# 20/40 AZ Brwn sd, Sandwedge NT, 20# XL gel, hybrid pad

Production Csg

5 1/2", 17#, J-55 csg at 4268' MD. Cmt- Lead 455 sx HLC, 1.83 cuft/sk, 12.5 ppg. Tail 205 sx 50/50 Poz, 1.3 cuft/sk, 13.5 ppg. Top of cmt at 926' by CBL.

PBTD 4208' MD
Csg at 4268' MD

TD 4283' MD = 4069' TVD
Angle at TD = 21.6 deg