

Jaques Ute 34-14

Current Wellbore Diagram

API #05-067-09706

SWNE, Sec 34, T33N, R08W La Plata Co., CO

SPUD DATE: 7/21/10

10/5/2010

GL= 7249'

KB= 7261'

Pump Unit

na

Surface Csg

8 5/8", 24#, J-55 csg at 460'. Cmt- 250 sx "G", 1.17 cuft/sk. Top of cmt at surface.

Csg at 460'

KOP at 450'

7 7/8" hole

Production Tbg

Depth

132 jts 2 3/8" 4.7#, J-55 tbg

2 3/8" STD SN

4177'

2 3/8" muleshoe

4178'

Rods & Pump

na

Combined fracs: 324,800# 20/40 sd, 5990 bbls fluid

Fruitland Coal Perfs:

Stage 3: 3996-3998, 4016-4018, 4021-4025, 4026-4030, 4040-4042, 4074-4079, 4093-4095', 84 holes, .40" diam

Acid balloff- 1890 gal 15% HCL. Frac- 149,700# 20/40 prem wht sd, Sndwedge NT, 20# XL gel, hybrid pad, tracer

Stage 2: 4154-4163, 4170-4175', 56 holes, .40" diam

Acid balloff- 1637 gal 15% HCL. Frac- 122,500# 20/40 prem wht sd, Sndwedge NT, 20# XL gel, hybrid pad, tracer

Stage 1: 4209-4211', 4215-4220, 4223-4226' 72 holes, .40" diam

Acid balloff- 924 gal 15% HCL. Frac- screen out on hybrid pad/5000# 100 mesh sand slug. Backsurge sd, coal, green cmt. 2nd Acid balloff- 1500 gal 15% HCL. Frac - 52,600# 20/40 sd, Sndwedge NT, 20# XL gel, hybrid pad, tracer

Production Csg

5 1/2", 17#, J-55 csg at 4420' MD. Cmt- Lead 550 sx HLC, 1.82 cuft/sk, 12.5 ppg. Tail 250 sx 50/50 Poz, 1.3 cuft/sk, 13.5 ppg. Top of cmt at surface by returns.

PBTD 4395' MD

Csg at 4420' MD

TD 4425' MD = 3987' TVD

Angle at TD = 30 deg