

State "FQ" No. 1
Antelope Ridge

Well History

Cementing Record:

- 2-24-75: Set 24" conductor pipe at 38'. Cemented with 150 sacks. Cement circulated.
- 5-23-75: Set 16"-65#, H-40 casing at 792'. Cemented with 440 sacks. Cement circulated.
- 6-11-75: Set 10-3/4"-40.5#, N-80 and S-95 casing at 5160'. Cemented in two stages with DV tool set at 3428'. First stage w/650 sacks TLW and 300 sacks Class "C". Second stage w/3400 sacks TLW with 15% salt per sack and 1/4# Flocele and 150 sacks Class "C". TCMT - 550'.
- 7-9-75: Set 7-5/8"-29.7# to 33.7#, S-95 casing at 12,085'. Cemented in two stages. First stage w/800 sacks Trinity Lite-Weight and 300 sacks Class "H". Second stage w/1200 sacks TLW and 150 sacks Class "H". TCMT - 4725'.
- 9-2-75: Set 5"-17.9# liner at 13,890'. Top of liner at 11,759'. Cemented w/205 sacks Class "H" and .8% HACHP 22 plus .4% CFR-2 and 6# KCL.
TCMT - 12,045'
TD - 13,910'
PBD - 13,756'

Initial Completion:

- 9-17-75: Cleaned out and ran logs. Ran Model "FA" packer to 12,280'. Perforated interval 13,380'-13,391' w/2 JSPF. On test - flowed 7250 MCFGPD thru 21/64" choke.

Workovers and Recompletions:

- 4-7-81: Misu x perf 13,380-13,392' x 13,473-13,479' w/2 spf.
- 4-14-81: Well flowed zero bf x 110 mcf in 24 hrs. TPF 525#.
- 4-28-82: Acidized perfs 13,380' - 392' x 13,473' - 479' w/4000 gals 7 1/2% MS acid x additives x nitrogen. Max. 6500 psi, Min. 5200 psi, ISIP 5200 psi. Flowed 0 BF x 84 MCF in 24 hours. FTP 465 psi.
- 9-12-82: Milled out Baker Model "FA" permanent pkr. Ran CIBP and set @ 13,320' and capped w/35' cmt. Perfed Atoka interval 13,096'-13,103' w/Vann gun system. Gas to surface in 1-1/2 hr. and 2' flare.
- 9-20-82: Acidized Atoka interval 13,096'-13,103' w/2000 gals. 7-1/2% MS acid and additives and 1000 SCF N₂ per bbl. Max 7900 psi, Min. 7600 psi, ISIP 6600 psi, AIR 3.3 BPM. Swabbed and 4' flare. 14 hr. SITP 650 psi. MOSU 9-22-82.

MSU/jbh
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