

Texaco State '5' #1
660' FSL & 660' FEL
Sec. 5, T-17-S, R-35-E
Lea Co., NM

Elevation: 3987' GL, 4003' KB

Current Configuration

Spud Date: 5/18/01
Completion Date: 7/10/01

Completion

7/5/01 - Perf'd Austin Morrow 12,662-76' using a 4" csg gun loaded 6 spf, 60 deg. No response after perforating. Overnight SITP - 15 psi. AZ w/1000 gals 7-1/2% Morrow acid w/1000 scf/bbl N2. ISIP - 9070 psi, 5 min - 8900 psi, 10 min - 8840 psi, 15 min - 8770 psi. Swabbed back load. Well would not build pressure. Set CIBP @ 12,616' in 2-3/8" tailpipe below perm pkr @ 12,600' to abandon Austin perfs.

7/9/01 - Perf'd Brunson Atoka 12,295-302' using 3-3/8" csg guns loaded 6 spf, 60 deg. No response after perforating. Frac'd Atoka w/34,000 gals 70 quality binary foam carrying 40,000 lbs of 20/40 Interprop. Spearheaded frac w/1000 gals Morrow acid. IP: 1.6 MMcfpd w/ 720 psi on a 20/64" ck. Subsequent BHP buildup test showed skin of +7 after frac.

Tubing Detail:

1 jt 2-3/8", 4.7# L-80 EUE 8rd landing jt
10' & 4' 2-3/8" tbg pup jts
376 jts 2-3/8", 4.7# L-80 EUE 8rd tbg
Weatherford T-2 on/off tool w/1.875" "F" profile
Arrowset IX pkr @ 12,130'
8' 2-3/8" tbg sub tailpipe
WL entry guide @ 12,144'

13-3/8", 48#, H-40 STC
@ 490' Cmt'd w/543 sx
Circ'd cmt to surface

8-5/8", 32#, K-55 LT&C 1800
@ 4714' Cmt'd w/ 580' sx
Circ'd cmt to surface

Packer fluid: 2% KCl w/
corrosion inhibitor and biocide

TOC - 7000' (CBL)

Brunson Atoka Perfs (6 spf):
12,295-302'

BJ Tools WesDrill perm pkr @ 12,600'
10' pup jt w/2-3/8" CIBP set @ 12,616'

Austin Morrow Perfs (6 spf):
12,662-76'

5-1/2", 17# L-80 & P-110/S-95 LT&C @ 12,807'
Cmt'd w/850 sx

TD: 12,807'
PBTD: 12,719'