

Artesia State Com #4  
990' FNL & 1980' FWL  
Sec. 23, T-18-S, R-28-E

Eddy Co., NM  
Elevation: 3521' GL, 3542' KB

## Current Completion

Spud Date: 7/11/97  
Completion Date: 9/28/97

### Completion

**9/18/97** - Perforated L. Morrow from 10,772-80' and 10,794-806' using TCP guns loaded 6 spf, 60 deg. phase. IP 2725 Mcfpd, 0 bcpsd, 0 bwpsd FTP - 1920 psi on 15/64" ck.

**6/16/98** - Set CIBP at 10,760'. Perf'd U. Morrow perfs 10,652-56', 10,660-76', 10,698-707' using 4" csg guns loaded 4 spf 90 deg phase. Frac'd U. Morrow w/59,000# 20/40 ISP. IP 237 Mcfpd, 2 bcpsd 60 psi FTP on an open ck.

**7/25/01** - Set CIBP above Morrow at 10,600' and dumped 20' of cmt on top. Perf'd Atoka 10,389-96' w/2-1/8" strip gun 6 spf thru tubing. No response. AZ w/1000 gals 7.5% MS acid. Swabbed back load. Well flowing at approximately 50 mcfpd 120 psi. Overnight SITP 1800 psi.

**7/27/01** - Set CIBP over Atoka at 10,335'. Dumped 35' cmt on top of CIBP. New PBTD 10,300'. Perf'd Upper Travis Penn 9188-96' and 9236-41' using 4" csg guns loaded 4 spf. AZ w/1500 gals 15% NEFE HCl. ISIP - 4050 psi, 5 min - 3260 psi, 10 min - 2856 psi, 15 min - 2580 psi. Flowed & swabbed back load. Well flowing at about 100 mcfpd to atmosphere.

**10/19/01** - Set CIBP @ 9150'. Dumped 35' cmt on top - PBTD 9115'. Perf'd Wolfcamp 8908-20' and 8522-56' (4 spf). No response after perfing. Acidized w/3000 gals 15% NEFE acid w/260 RCN ball sealers. Very good ball action. Avg treating pressure 3522 psi. ISIP 1100 psi, 15 min. 68 psi. Swabbed and flowed back load. IP: 441 bopd, 39 BLW, 994 Mcfpd, FTP - 1075 psi on a 15/64" ck.

13-3/8", 48#, H-40 ST&C  
@ 445' Cmt'd w/370 sx  
Circ'd cmt to surface

8-5/8", 32#, K-55 LT&C  
@ 2800' Cmt'd w/1120 sx

Pkr fluid: 2% KCl water

DV tool @ 7892'

TOC 8317' (CBL)  
2-7/8" SN @ 8453'  
5-1/2" X 2-3/8" Elder CST @ 8455'  
Set in 15K lbs compression

**Wolfcamp Perfs**(4 spf):  
8522-74' & 8908-20'

PBTD 9115'  
CIBP @ 9550' w/35' cmt on top

**Upper Travis Penn Perfs**(4 spf):  
9188-96' & 9236-41'  
CIBP @ 10,335' w/35' cmt PBTD 10,300'

**Atoka Perfs**(6 spf)  
10,389-96'

CIBP @ 10,600' w/20' cmt

**U. Morrow Perfs**(4 spf)  
10,652-56', 10,660-76',  
10,698-707'

CIBP @ 10,760'

**L. Morrow Perfs**(6 spf)  
10,772-80' & 10,794-806'

5-1/2", 17# N-80 LT&C  
@ 11,070'  
Cmt'd w/1560 sx

### Tubing Detail:

266 jts 2-7/8", 6.5# N-80 EUE 8rd tbgs  
2-7/8" SN  
2-7/8" X 2-3/8" 8rd XO  
5-1/2" X 2-3/8" Elder CST pkr @ 8455'  
VWL entry guide