

**Phillips Petroleum Company - Southwest Region
February 24, 2000**

RKB: 3959'
DF: 3957'
GL: 3946'

12-1/4" hole
8-5/8" 24# J-55 Casing
51 jts. set @ 1624'
650 sx cmt. Circ.

Cmtd down 4 1/2" x 8 5/8"
annulus to 1635' w/ 400 sx

TOC @ 2400' by temp. survey

Yates Perforations
3082' - 3090' w/ 2 SPF (16 holes)
3094' - 3104' w/ 2 SPF (20 holes)

CIBP @ 3300' w/ 1 sk cmt cap
TOC @ 3294'

CIBP @ 6100' w/ 1 sk cmt cap

Glorieta Perforations
6174' - 6184' w/ 2 SPF (20 holes)
6192' - 6208' w/ 2 SPF (32 holes)

7-7/8" Hole
4 1/2" 9.5# & 10.5# J-55 Casing
Set @ 6300', 800 sx cmt.
15 jts - 10.5#
180 jts - 9.5#

PBTD: 6195'
TD: 6225'

Lease & Well No.: **Santa Fe #97**

Well Category: One Status: Shut in
Area: New Mexico
Subarea: Buckeye Field: Vacuum Yates
Legal Description: API #30-025-20791
990' FSL & 1980' FWL, Sec 33, T-17-S, R-35-E
Lea County, New Mexico
Spudded: 05/21/1964
Completed: 06/21/1964

Well History:

6/64 Perf'd Glorieta 6192-6208' w/ 2 spf (32 holes)
Acdzd 6192-6208' w/ 1000 gal 15% HCl
After load rec, swbd 4 bo, 64 bw / 9 hrs
Sqzd 6192-6208' w/ 100 sx. RO 25 sx.
Perf'd Glorieta 6174-6184' w/ 2 spf (20 holes)
Acdzd 6174-6184' w/ 500 gal 15% HCl
Acdzd 6174-6184' w/ 2000 gal 15% HCl
After load rec, swbd 3 bo, 38 bw / 3.5 hrs
Set CIBP @ 6100' w/ 1 sk cmt cap
Set CIBP @ 3300' w/ 1 sk cmt cap. TOC @ 3294'.
Perf'd Yates 3082-90' & 3094-3104 w/ 2 spf (36 holes)
Acdzd 3082-3104' w/ 1000 gal 15% HCl
Frac'd 3082-3104' w/ 20,000 gal refined oil & 30,000# sand
IPF Yates 6/24/64 39 bo, 62 mcf, 0 bw / 24 hrs

6/65 Installed rod pumping equipment
Prod after: Pmpd 7 bopd, 20 mcf, 0 bwpd on 6/25/65

10/84 Repaired water flow from 4 1/2" x 8 5/8" annulus.
Radioactive tracer indicated entry @ 1635'
Cmtd down 4 1/2" x 8 5/8" annulus w/ 400 sx.

8/93 Acdzd Yates 3082-3104' w/ 2000 gal 15% NEFE HCl
Prod before: Pmpd 3 bopd, 9 mcf, 1 bwpd
Prod after: Pmpd 7 bopd, 8 mcf, 1 bwpd on 9/1/93

Equipment Data as of 8/93 (last pull):

99 jts 2 3/8" 4.7# J-55 Tubing @ 3096'
TAC @ 3002', SN @ 3096'
2" x 1 1/4" x 16' rod pump
56 3/4" C rods and 65 5/8" C rods