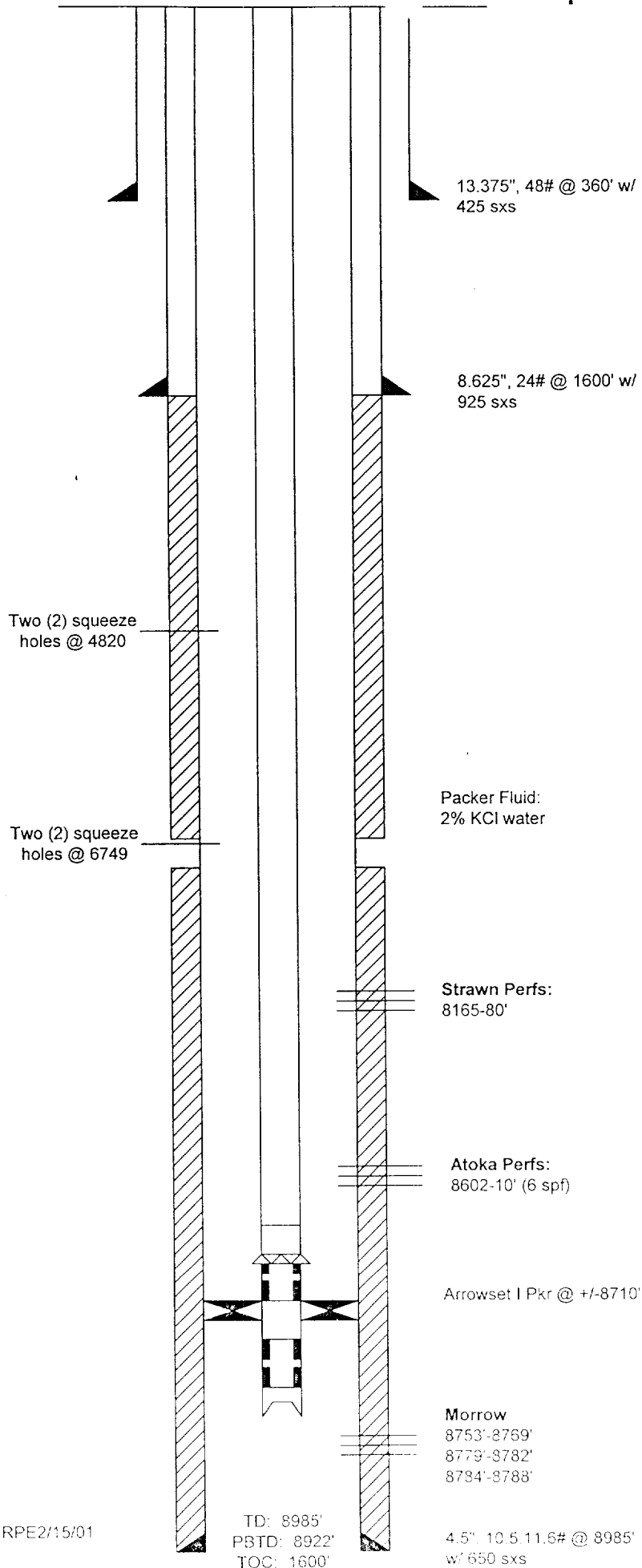


Proposed Configuration

Diamond Mound Federal 1
Sec 1-T16S-R27E
1980' FSL, 660' FWL
Eddy County, NM
Elevation: 3597' GL, 3612' KB
API #: 30-015-22419



Completion

Mar-1978 - Perfed 8753-8788 (2 spf). RIH w/ production equipment. Dropped bar to rupture PACT tool and had GTS 2.5 min, FTS 6 min on 1/2" choke. FTP stabilized @ 1125 psi w/ estimated rate of 6.4 mmcfpd

Jan-1981 - Workover to locate holes in casing, squeeze cement holes, & bring cement up to intermediate casing. Perfed 2 holes @ 6749' & squeezed w/ 400 sxs. Perfed 2 holes @ 4820' & squeezed w/ 1000 sxs. RTP

Nov-1989 - Swabbed well and recovered water. RTP.

Feb-1990 - Acidized Morrow w/ 3000 gal 7.5% acid & N2. RTP.

Mar-1990 - Reperfed Morrow 8753-69, 8784-88. Added new perfs 8779-82. Acidized w/ 3000 gal 7.5% MOD-101 w/ 700 scf/bbl N2. FTP 250 psi @ 35 mcfpd.

Aug-1990 - Treated Morrow w/ 10 tons CO2, 2000 gal 10% methanol w/ 500 scf/gal CO2. Flow test.

Sep-1994 - Treated Morrow w/ 2000 gal methanol w/ 500 scf/bbl CO2.

Dec-1994 - Reperfed Morrow. RTP.

Mar-1998 - TA well. CIBP @ 8700' w/ 35' cmt on top.

Sep - 1999 - Perf'd Atoka 8602-10'. Frac'd w/28,260# 20/40 Interprop. Flowed at 450 mcfpd on 48/64" ck, 25 psi. Set CIBP @ 8540' and perf'd Strawn 8165-80'. Frac'd w/35,250# 20/40 Interprop. IPF 60 mcfpd (Strawn).

DST #1: 8554-8650 (Atoka)

Times: 30-60-90-180

Opened w/ fair blow increasing to

strong blow @ end of flow period.

Reopened on FF w/ no blow, no GTS.

Recovered 330' DM & 15' cuttings

IF: 245-402 FF: 227-490

ISI: 402 FSI: 560

IH: 4233 FH: 4216

Tubing:

Description

2-3/8" L-80 EUE 8rd tbg

On/Off tool w/1.875" "F" profile

10K Arrowset I pkr

2-3/8" N-80 tbg EUE 8rd sub

1 875" "R" nipple

Wireline entry guide

Enc of tubing