

UNION TEXAS PETROLEUM

FIELD: Casey
 LEASE: Shipp "34" WELL NO. 4
 DATE: 4/29/88 SPUDDED: 7/19/87 COMP. 9/14/87
 ELEV: GL @ 3773'; KB @ 3789' (16' above GL)
 LOCATION: Unit Letter N, 660' ESL & 1980' FWL of
Section 34, T-16-S, R-37-E,
Lea County, New Mexico

13 3/8" - H-40 #48 CSG. at 402' w/ 450 sx. Class "C" w/ 2% CaCl₂
17 1/2" HOLE TOC @ surface (circ 135 sx, squeeze shoe w/ 250 sx)

8 5/8" - K-55, 32 # CSG. at 4280' w/ 1750 sx. (1500 sx Pacemaker Lite & 250 sx Class "C")
11" HOLE TOC @ surface (circ)

← 365 jts of 2 7/8", 6.5% Fe, N-80, EUE, BR tubing, Tubing Anchor @ 11,183',
 Seating Nipple @ 11,244', Perf Nipple @ 11,245', Bull Plugged
 Mud Anchor @ 11,248'-11,279'

← 163 1 1/4" Fiberglass Rods (EXROD), and 107 1" Axelson S-67 rods,
 and 93 7/8" Axelson S-67 rods w/ 33K Shear Tool on top of pump

Tubing anchor @ 11,183', set in 15,000# tension

11,304'-324', 40 holes

11,345' (HOWCO 88-SV cement rod)

11,359'-363', 8 holes

FC @ 11,455'

5 1/2" - 17 # CSG. at 11,499' w/ 2195 sx. DV Tool @ 8017', see below
7 7/8" HOLE TOC @ 2200' (by Temp. Survey)

Casing Detail:

Surf - 8895' → 17", K-55
 8895'-11,499' → 17", N-80

TD 11,500'
 PBD 11,345'

1st Stage: 1035 sx 50/50 Poz &
 135 sx Class "H", circ 10 sx
 2nd Stage: 1025 sx Class "C", TOC @ 2200'
 by temp. survey