Cottonwood Canyon Unit #4

As Plugged Well

Unit P, 1043' FSL & 660' FEL, Section 16, T-01-N, R-20-W

Catron County, NM / API #30-003-20025

Lat: N 34.3056400 / Lat: W -108.932110

Today's Date: **6/10/2017**

Spud: 3/15/1998

Completion:

Elevation: 6892' GL

17.25" hole

13-3/8" 48# Casing set at 120'
Cement: 450 sxs, Circulated.

San Andres at 870'

Pumped 140 sxs into 8-5/8" x 13-3/8"
BH annulus (1998)

5-1/2" x 8-5/8" TOC @ 1060'
(CBL 1998)

Glorieta at 1100'

Yeso at 1310'

8-5/8" TOC - Unknown

5-1/2" CBL on 5/31/2017
Good bond from 2492' to 2440'
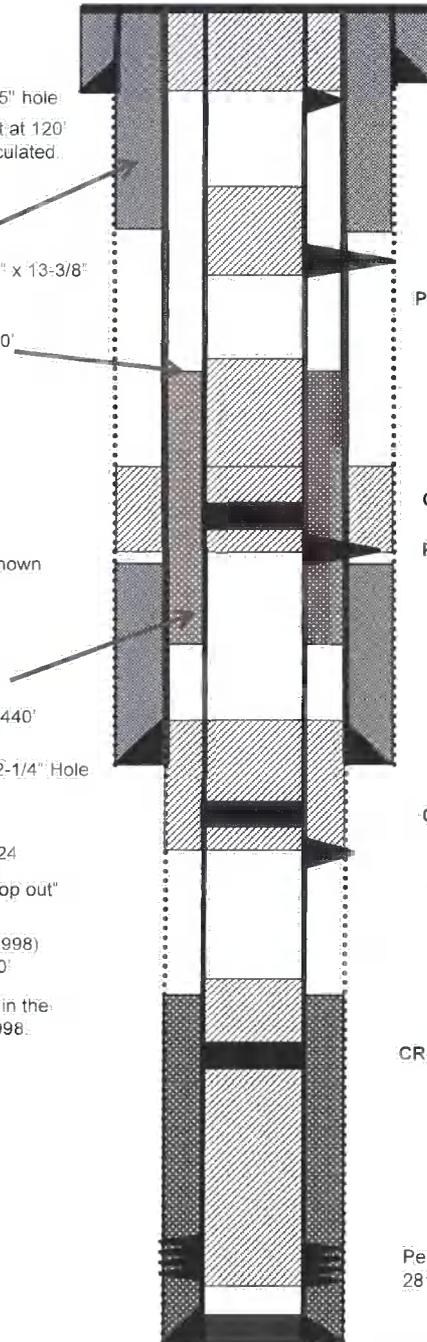and 1910' to 1010'

12-1/4" Hole

Amos Wash at 2195'

8-5/8" 36#, casing set at 2124
Cement with 600 sxs;
Pumped140 sxs "on top out"
Sundry reported.

5-1/2" TOC @ 2490' (CBL 1998)
Logged down to 2710'

Note: Ran a Polybore liner in the
5-1/2" casing to 2650' in 1998.

Abo at 2510'

Precambrian @ 2886'

7-7/8" Hole

TD 2955'
PBTD 2850'

Perf @ 1360' (6 HSC holes)

Perf @ 920' (6 deep holes)

CR @ 1315'

Perf @ 1360' (6 deep holes)

CR @ 2200'

Perf @ 2245'

CR @ 2318'

Perforations:
2811' to 2886'

Plug #5 170' to 0'
Cement with 77 sxs pumped
down the 5-1/2"; 20 sxs
outside casing and 57 inside.

Plug #4 960' to 598'
Cement with 41 sxs inside 5-1/2"
casing; Unable to inject outside
the 8-5/8" casing at 1500 PSI.
WOC and tag at 586'.

Plug #3 1360' to 1050'
Cement with 46 sxs: 10 sxs
outside 8-5/8" casing, 6 sxs
below and 30 sxs above CR;
pressured up to 1500 PSI,
pushed stinger out of CR.

Plug #2 2245' to 2024'
Cement with 77 sxs: 51 sxs
outside, 6 below CR and 20
sxs above; no WOC and tag
because casing PT to 700
PSI before the perforations.

Plug #1 2886' to 2293'
Cement with 114 sxs: 56 sxs
outside, 56 sxs below CR and 2 sxs
above. Set CR higher than planned
due to polybore trash in wellbore.
WOC overnight and tag TOC at
2265'.

5-1/2" 15.5# Casing set @ 2955'
Cement with 75 sxs lead & 174 tail;
Sundry reports "top off with 174 sxs,
did not circulate to surface".