

Cottonwood Canyon #3 As Plugged Well

Abo Reef Pool

Unit P, 660' FSL & 660' FEL, Section 36, T-1-N, R-21-W

Catron County, NM / API #30-003-20026

Lat: N 34.26133 / Long: W -108.98501

Today's Date: 5/31/17

Spud: 4/6/98

Completion:

Elevation: 7303' GL
7317' KB

Pumped 140 sxs into bradenhead (1998)

13.375" 48# Casing set at 112'
Cement to surface, sxs not reported

San Andres at 978'

Cavern at 1100'

Glorieta at 1323'

Yeso at 1532'

8.625" TOC at 1832'
(CBL 1998)

5.5" Annulus cement
from 2700' to 2200'
(CBL on 5/17/2017)

Amos Wash at 2288'

8.625" 32# Casing set at 2222'
Cement with 450 sxs, no circulate;
Top pump 140 sxs into bradenhead.

Abo at 2598'

8.75" Hole

Precambrian at 3040'

Fractured CO₂ Reservoir

Kick Off Point at 2838'
Top of 2.875" liner at 2794'

5.5" 15.5# Casing set at 2838'
Cement with 660 sxs;
did not circulate to surface;

4.75" Hole

TD 3968'

Plug #5 - Set Marker
Cut-off wellhead and top of casing
and annulus with 32 sxs.

Plug #4A 157' to Surface
Cement with 21 sxs inside 5.5" casing.

Perforate at 172' with deep charges

Plug #4 172' to Surface
Cement with 202 sxs down the 5.5"
casing with no returns out 5.5" X
8.625" annulus valve.
WOC overnight; tag at 157'; ran CBL
and found cmt. outside 5.5" casing.

Set 5.5" CR at 977'

Plug #3 977' to 801'
Cement with 182 sxs squeezed
162 sxs below CR to and left 20
sxs above CR; WOC and tag
TOC at 780'.

Plug #2A 2496' to 1702'
Cement with 140 sxs squeezed
100 sxs below CR and left 40 sxs
above; WOC and tag at 1737'.

Set CR at 2055'

Plug #2 2338' to 1826'
Cement with 57 sxs inside casing;
WOC and tag at 2496'; ran packer
and found multiple holes.

Set CR at 2700'

Plug #1 2700' to 2496'
Cement with 23 sxs above CR
inside casing after below the CR
well pressured up to 2000 PSI;
had planned to squeeze 200 sxs
below CR.

2-7/8" Slotted Liner set at 3968'
1174' measured length liner
Un-cemented (per Sundry)
TOL at 2794'