

Cottonwood Canyon #11 Proposed Plugged Well

Abo Reef Pool

Unit N, 660' FSL & 660' FWL, Section 16, T-1-S, R-21-W

Catron County, NM / API #30-003-20039

LAT: 34° 12' 51.68" LONG: -109° 2' 40.27"

Today's Date: 7/13/17

Spud: 8/01/08

Completion: 8/17/08

Elevation: 7416' GL
7430' KB

4-1/2" Annulus TOC at Surface (CBL)

7" Annulus TOC at Surface (Sundry)

9-5/8" TOC at 1100' (Calculated)

17-1/4" hole

Cavern at 700'

San Andres at 818'

9-5/8" Estimated TOC at 1100', (calculated)

Glorieta at 1227'

Yeso at 1450'

12-1/4" Hole

9-5/8" 36# Casing set at 1575'
Cement with 953 cf
Sundry: "did circulate cement to surface".

Amos Wash at 2156'

4-1/2" DV Tool at 2510'

Abo at 2441'

8-3/4" Hole

7" 23# Casing set at 2746'
Cement with 906 cf
Sundry: "did circulate cement to surface";
Drlg record: "trace of cement to surface".

TOC at 2820' (CBL)

Precambrian at 2891'

Fractured CO₂ Reservoir

Granit Wash Perforations:
2854' to 2904'

6-1/4" Hole

4-1/2" 11.6# Casing set at 2994'
Cement with 440 sxs total,
2 stage cut job; ran CBL.

TD 2994'

Plug 7: Set DHM

25 sxs to fill 4.5" casing
and annuli to surface.

13-3/8" 48# Casing set at 86'
Cement to surface, 100 sxs

Perforate 6 DP holes at 136'

Plug 6: 136' to Surface

187 sxs Class B cement;
pumped down the 4.5" casing,
after 80 sxs circulate out 9.625"
annulus valve; shut in and
squeeze 107 sxs with no flow or
blow to surface.

Set 4.5" CR at 823'

Perforate 6 DP holes at 868'

Plug 5: 868' to 715'

200 sxs Class B cement;
squeeze 188 sxs outside 4.5"
casing and leave 4 sxs under
and 8 sxs above CR.

Plug 4: 1641' to 1127'

38 sxs Class B cement, all
inside casing.

Plug 2&3: 2796' to 2046'

103 sxs Class B cement:
47 sxs outside casing, 4
sxs inside under CR and
52 sxs above CR.

Set 4.5" CR at 2749'

Perforate at 2796', IR- 1.5 bpm at 2200 PSI

Set 4.5" CR at 2812'

Plug 1: 2904' to 2812'

50 sxs Class B; all below CR;
due to next plug's perforations.