

Rosa Unit #378

8/16/16- check pressures: 0 on well. Circulate with 5bbls, PT 7" csg to 800#. Held ok for 30 mins.

pump plug #1 (FC interval, Fruitland, Kirtland, and Ojo Alamo tops) with **109sxs 128.62cu/ft 15-4# - 15-5# type B cement 3265-2760' TOC 2864'**. LD subs and 51jts. Load csg with 5bbls

pump plug #2 with **58sxs 68.44 cu/ft 15-4# - 15-5# type B cement 1659-1400' TOC 1350'**. LD 41 jts up to 377', PU 1-8' 2 7/8" sub EOT 385'. Load 7" csg with 5bbls.

pump plug #3 (Surface) with 95sxs type B cement weighting from 14-7# - 15-2#, **unable to get cement up to 15-6#**. Circulate 7" csg clean with 20bbls as per BLM rep (Ron Chavez) LD 1-8' sub, SB 6 stands, LD 7" hydaset tool. SIW, secure location.

8/17/16- check pressures: 0 on well. PU 1-8' sub, TIH with 6 stands, EOT 385'. Load csg with 2bbls

pump plug #3 (surface) with **80sxs 94.4cu/ft 15-6# - 15-8# B-cement from 385' to surface**, circulate good cement out 7" csg valve dig out WH and issue hot work permit, cutoff WH, install DHM and **top off with 24sxs 15-6# B-cement. Cement in 7" down 30', cement in annulus down 12'**.

Surface Location:

2060' FNL and 1945' FEL
SW/4 NE/4 Sec 27 (G), T31N, R5W
Rio Arriba, NM

Elevation: 6511' GR
API # 30-039-30410

**ROSA UNIT #378
BASIN FRUITLAND COAL
Final P&A**

Spud: 07/26/08

Completed: 09/16/08

P&A Completed: 08/17/16

Top off

Class B cement, 24sxs
Cement in 7" down 30'
Cement in annulus down 12'.

Plug #3: 385' - 0'

Class B cement, 80 sxs

Plug #2: 1659' - 1400'

Class B cement, 58 sxs

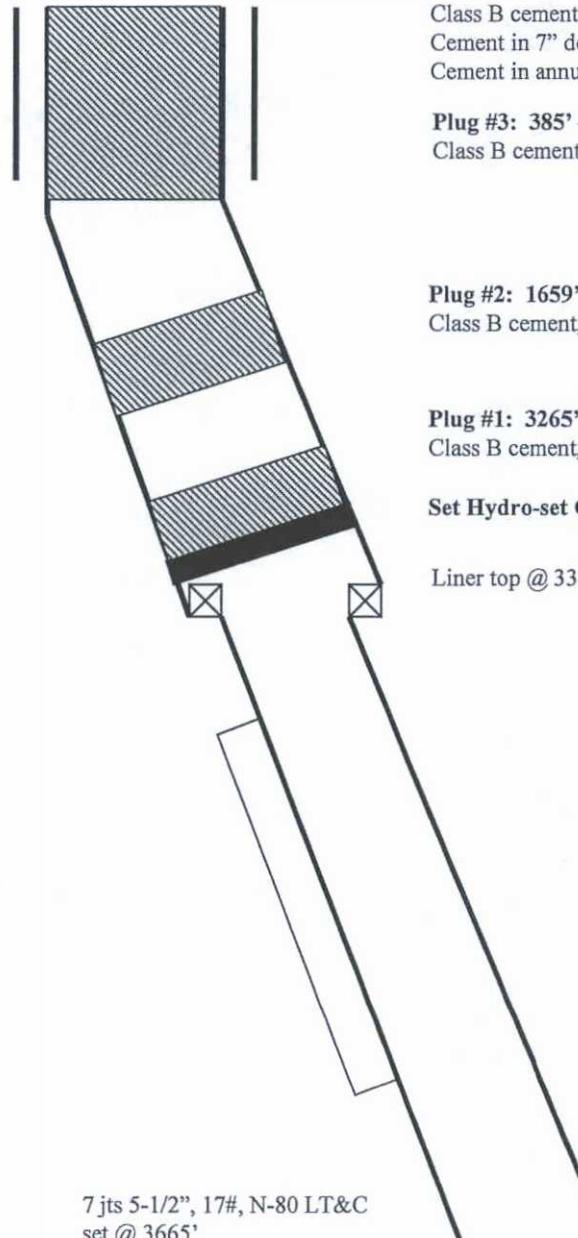
Plug #1: 3265' - 2760'

Class B cement, 109 sxs

Set Hydro-set CIBP @ 3265'

Liner top @ 3342'

Top	MD Depth	TVD Depth
Nacimiento	1599	
Ojo Alamo	2810'	2660'
Kirtland	2930'	2770'
Fruitland	3332'	3140'



Open hole from 6-1/4" to 9-1/2"
from 3444' to 3665' MD

7 jts 5-1/2", 17#, N-80 LT&C
set @ 3665'

TD @ 3665' MD
3451' TVD

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sxs	212 cu.ft.	Surface
8-3/4"	7", 23#	490 sxs	998 cu.ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		