

BELL LAKE UNIT NO. 17
PLUG AND ABANDON PROCEDURE
April 20, 1979

WELL DATA

PBTD: 5400'

Location: 1980' FSL & 1650' FWL of Section 32, T-23S, R-34E, Lea County, New Mexico.

Casing Record: 16" 65# surface casing @ 691' w/750 sx circulated to surface.
10 3/4" 45.5# intermediate casing @ 5190' w/2670 sx circulated to surface.
7 5/8" 33.7# N-80 production casing @ 12,453' w/2050 sx.
TOC approximately 5100', cast iron bridge plug @ 5400'.

Perforations: 5264' to 5278' w/1 JSPF (15 shots).

RECOMMENDED PROCEDURE

- 1) Go in hole with a 7 5/8" 33.7# cement retainer and set @ 5200'. Test tubing and retainer.
- 2) Pump 200 sacks Class "C" cement mixed 14.8 lb./gal. - 1.32 ft.³/sk. through the retainer and spot 15 sacks Class "C" cement mixed 14.8 lb./gal. - 1.32 ft.³/sk. on top of retainer.
- 3) Circulate hole with salt gel mud and pull out of hole with tubing.
- 4) Pick-up on 7 5/8" casing and determine free-point. Go in hole and shoot off casing 50' above free point (top of cement approximately 5100').
- 5) Pull and lay down 7 5/8" casing.
- 6) Go in hole with tubing and spot a cement plug from 75' below cut-off point to 75' above cut-off point. Use approximately 50 sacks of Class "C" cement mixed 14.8 lb./gal. - 1.32 ft.³/sk.
- 7) Spot a 82 sack Class "C" cement plug mixed 14.8 lb./gal. - 1.32 ft.³/sk. from 1300' to 1100'. (Top of anhydrite - approximately 1200').
- 8) Spot a 21 sack plug of Class "C" cement mixed 14.8 lb./gal. - 1.32 ft.³/sk. from 50' to surface.
- 9) Erect a dry hole marker and rig-down.

Richard A. Ferris
Engineer

4-23-79
Date

Brent D. Meyers
Supervising Production Engineer

4-23-79
Date

cc: ~~File~~, DBB, BDM, JFB(5), RAF

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