

COMPLETION PROCEDURE

DATE: 3/27/90

WELL & JOB: Empire Abo Unit # D-43: P&A

DRILLED: 1960

LAST WORKOVER: 1989

FIELD: Abo

COUNTY: Eddy

BY: A.E. Burdick

TD: 6382'

PBD: 6162'

DATUM:

TUBINGHEAD:

SIZE:

PRESS RATING:

CASING:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>SET @</u>	<u>SX CMT</u>	<u>TOC</u>
SURFACE:	8-5/8"	28#	J-55	718'		Surf/Circ
INTER:						
PROD:	5-1/2"	15.5#	J-55	6382'	550	Surf/Circ

TUBING: SIZE: NONE

WEIGHT:

GRADE:

THREAD:

HISTORY AND BACKGROUND: Well drilled 1960. SI 1979 due to high watercut. 1989 well was plugged back and three upper zones tested and found to be wet. A CIBP was set @ 6162' and the well was SI with a casing leak @ 83'.

SCOPE OF WORK: P&A according to NMOCD requirements.

PROCEDURE

1. Notify NMOCD of plugging operations. MIRU PU. ND WH. NUBOP.
2. RIH w/5-1/2" tension pkr on 2-3/8" WS. Isolate hole in csg. Hole found previously @ 83'. Test CIBP & csg below hole to 500 psi. POH w/pkr.
3. RIH w/2-3/8" WS OE & tag CIBP @ 6162'.
4. Spot 50 sx Class "C" neat cmt on CIBP.
5. PUH to 5850'. Circ hole w/10.0 ppg 35 vis mud laden fluid.
6. PUH w/tbg to 2150'. Spot a cmt plug f'/ 2150' - 1800' using 50 sx Cl "C" neat. (Top of San Andres 2080').
7. PUH to 1395'. Spot a cmt plug f'/1395' - 1245' using 25 sx Cl "C" neat. (Top of Queen 1345').
8. PUH to 900'. Spot a cmt plug f/ 900' - 650' 40 sx Cl "C" neat. (Top of 7 Rivers 840').
9. PUH to 200'. Spot a cmt plug to surf using 30 sx Cl "C" neat.
10. ND BOPE. RD PU. Cut off csg. Install dry hole marker. Reclaim Location.

A. E. Burdick *A. E. Burdick*

R.D. Reynolds _____, J. Shields _____