

WORKOVER PROCEDURE

DATE: 5/25/92

WELL & JOB: Empire Abo E-373 P&A

DRILLED: 3/78

LAST WORKOVER: 5/90 TA well

FIELD: Empire Abo

COUNTY: Eddy Co., NM

BY: Ray Martin

TD: 6275'

PBD: 6025'

DATUM: 11' RKB to GL

TUBINGHEAD: ?

SIZE: 7-1/16"

PRESS RATING: 3000 psi

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	8-5/8"	24#	K-55	800'	480	Circ
PROD:	5-1/2"	15.5#	K-55	6275'	450 Stage 1	3700' CBL
				DVT @ 3001'	850 Stage 2	Circ

PERFORATIONS: 6002'-6010' 13 holes

TUBING: SIZE: 2-3/8"
BTM'D @ 3545'

WEIGHT: 4.7#
JOINTS: 113

GRADE: J-55
MISC: 1.10' SN above pkr

THREAD: EUE 8rd

PACKER AND MISC: Baker Model R pkr set @ 3545' w/9000# compression. CIBP @ 5944'. CIGR's @ 6200', 6130', 6070', 6025'


HISTORY AND BACKGROUND: Well was drilled and completed in Abo from 6216'-6228' as flowing producer in March 1978. Well has been plugged back in Abo zones several times until at current interval. Found slow bleed off csg leak at approximately 3556' while TA well in 5/90.

SCOPE OF WORK: P & A

PROCEDURE

1. Notify NMOCD in Artesia, NM @ 505-748-1283 of intent to P&A. Dig out WHD. MIRU PU. ND WHD. NU BOP.
2. Release pkr @ 3545'. POOH w/same.
3. RIH OE to top of CIBP at 5944'. While spotting 25 sks Cl C Neat cement plug from 5944'-5694' (Abo plug) displace well with 10 ppg MLF (minimum funnel viscosity of 35 sec) by using MLF as lead and displacement.
4. PUH to 3750'. Spot 90 sks Class C Neat cement plug f/3850'-2950' (Glorieta, Casing leak & DVT plug). Displace w/MLF.
5. PUH to 2250'. Spot 25 sks Class C Neat cement plug f/2250'-2000' (San Andres plug). Displace w/MLF.
6. PUH to 1350'. Spot 25 sks Class C Neat cement plug f/1350'-1100' (Salt plug). Displace w/MLF.
7. PUH to 850'. Spot 85 sks Class C Neat cement plug f/850' to surface (Csg shoe, fresh wtr, and surf plug). POOH and fill up casing with cement.
8. ND BOP. RD PU. Cutoff WHD & anchors. Weld on plate w/1" valve. Fill cellar. Install dry hole marker. Clean location.


Permian Team Drlg Eng.


Permian Team Leader