

## WORKOVER PROCEDURE

DATE: 6/21/90

WELL & JOB: Empire Abo Unit H-18

DRILLED: January 1960

LAST WORKOVER:

FIELD: Empire Abo

COUNTY: Eddy

BY: MWP

TD: 5925'

PBD: 5885'

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"	24#		970'	500 sx	surf
INTER:						
PROD:	5 1/2"	15.5#		5924'	250 sx	3868'
LINER:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>TOP</u>	<u>BTM</u>	<u>TO</u>

PERFORATIONS: 5725' - 5736' & 5741' - 5750' ABO

TUBING:	SIZE:	WEIGHT:	GRADE:	THREAD:
BTM'D @		JOINTS:	MISC:	

PACKER AND MISC:

**HISTORY AND BACKGROUND:** Well was drilled 1/60. Tested to transfer allowable to other EAU wells and SI 12/76. Well is currently TA'd, having passed NMOCD TA test, but has experienced slow pressure buildup outside production casing.

**SCOPE OF WORK:** Run CBL /FPL and squeeze/circ cmt to surface in prod. casing. Leave well TA for unit blowdown.

## PROCEDURE

1. MIRU PU. Run cement bond log vs. free pipe log to determine TOC.
2. Perforate casing 50' above TOC @ 1 JSPF.
3. TIH w/ packer and tbg and set pkr @ 100' above perforation level. Establish IR thru perforations. POOH.
4. TIH w/ CR and set same @ 100' above perforation level.
5. Circulate cement to surface. POOH w/ tubing. Restore location.

CONCUR: R.D. Reynolds J.E. Shields

RSR 6-28-90