

WORKOVER PROCEDURE

DATE: 10/10/89

WELL & JOB: Empire Abo Unit No. J-13 Convert to GIW

DRILLED: 1958

LAST WORKOVER: 2/4/80 TA Set CIBP @ 5300' FIELD: Empire Abo

COUNTY: Eddy, NM

BY: A. E. Burdick

TD: 6131'

PBD: 6090'

DATUM: 3581 RKB

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		1008'	675	circ
INTER:						
PROD:	5-1/2"	15.5		6131'	225	unkn

LINER:	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>TOP</u>	<u>BTM</u>	<u>TO</u>
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PERFORATIONS: Abo 5364' - 5390' sqz'd, 5756' - 5786' perfed in 1980

TUBING: SIZE: 2-3/8"

WEIGHT: 4.7#

GRADE: J-55

THREAD: EUE8rd

BTM'D @ pulled

JOINTS:

MISC: CIBP @ 5300'

HISTORY AND BACKGROUND: 8/2/77 production pulled the tubing and CA and set a CIBP at 5300'. The 5-1/2" x 8-5/8" ann was cement squeezed from 5050' to surface. Max field injection press 2000#. Reservoir press 900# min to 1500# max.

SCOPE OF WORK: A bit will be run and the CIBP will be drilled out and pushed to PBD. Additional perfs will be added from 5710' - 5784'. The well will be cleaned out and acidized. A CA will be installed to convert this well to a GIW.

PROCEDURE

1. MIRU PU.
2. Check for press on WH.
3. ND WH. NU BOP.
4. RIH w/4-3/4" bit on 2-3/8" WS. Tag CIBP @ 5300'.
5. Circ w/formation water. Test 5-1/2" csg to 500#
6. Drill out CIBP & push to PBD. Circ hole clean w/formation water.
7. POH w/bit.
8. RU WL. Perf f/5710' to 5724' w/2 JSPF using 4" csg gun. (Correlate with Schlumberger's GR-N dated 12/18/58).
9. RIH w/Lok Set pkr (NP) or equivalent, on/off tool w/1.78 "R" profile (NP) on 2-3/8" WS.