

WORKOVER PROCEDUREDATE: November 9, 1987WELL NO. & TYPE OF JOB: Wimberly WN #1 - Deepen and Convert to SWD WellDRILLED & COMPLETED: 1943 LAST WO: 1987FIELD: Jalmat Gas COUNTY: Lea PREPARED BY: J. D. SwansonTD: 3465' PBD: 3382' DATUM: 3090'RKB DIST RKB TO GL : unknownTUBINGHEAD: MAKE Unknown SIZE ? PRESSURE RATING ?

CASING INFORMATION:	SIZE	WEIGHT	SET @	SX CMT	TOC
SURFACE:	<u>13(?)</u>	<u>40#</u>	<u>207'</u>	<u>?</u>	<u>surface</u>
PRODUCTION:	<u>9-5/8"</u>	<u>36&amp;40#</u>	<u>3448'</u>	<u>450</u>	<u>*</u>

\*see attached wellbore schematic

PRESENT PERFORATIONS &amp; FORMATION: \_\_\_\_\_

Queen Perforations at 3044'-3222' (76 shots) and 3255'-3325' (40 shots)TUBING DATA: SIZE 2-7/8" WT. 6.5# GRADE J-55 THD. 8rd BTMD @ 3151'  
NO. OF JTS. 107 MISC. See Attached Wellbore Schematic \*PROCEDURE

1. MI & RU CU. Kill well as required with brine water.  
POH with pump and rods. NU BOPE.
2. TOH with 2-7/8" tubing.
3. PU 8-1/2" MT bit, 9-5/8" casing scraper, and 10 - 4-1/4" DCs  
on 2-7/8" tubing and TIH to 3000'. Circulate the hole clean with  
brine (fresh water can be used if available at a lower price)  
water. TOH.
4. PU 9-5/8" Treating Packer and 2-7/8" SN on 2-7/8" tubing and  
TIH to +3000'. Set packer and test 9-5/8" casing to 500 psi.  
TOH.

NOTE: If the 9-5/8" casing tests, continue with procedure as  
written....

\*\*\* In the event the 9-5/8" casing does not test, an alternate  
procedure will have to be followed to insure the well will  
meet State of New Mexico rules governing water disposal wells.  
It is proposed to run a Dresser Atlas Vertilog to determine  
the condition of the casing if the casing does not test.  
Based on the evaluation of the log and the age and possible  
condition of this casing (as it was left uncemented across an  
evaporite interval for approximately 44 years), a string of  
7", 20#, K-55, STC casing is then expected to be set and  
cemented to surface inside the 9-5/8" casing prior to deepening  
the well. The cost of these additional operations are included  
in the "Upper" limit of the workover estimate. Please note  
that due to the short expected life of this injection well  
(as a waterflood of the field is planned in the near future),  
it is recommended that the 7" inner-string be run only if  
absolutely required to economically deepen this well.

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