

DATE: 12-05-88

WELL NO. & TYPE OF JOB: State "2" # 1: RECOMPLETE TO QUEEN

DRILLED: 1984 LAST WO: 5-1984; TEMP ABANDON

FIELD: Shugart COUNTY: Eddy Co., NM BY: M.W. Gore

TD: 12184' PBD: 6950' DATUM: RKB DIST RKB TO THF: 15

CASING INFORMATION:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	<u>13-3/8"</u>	<u>54.5</u>	<u>J-55</u>	<u>423</u>	<u>650</u>	<u>Surface</u>
INTERMEDIATE:	<u>8-5/8"</u>	<u>28</u>	<u>S-80</u>	<u>3940</u>	<u>1500</u>	<u>Surface</u>
PRODUCTION:	<u>5-1/2"</u>	<u>17.0#</u>	<u>K-55</u>	<u>9030</u>	<u>900</u>	<u>5706' CBL</u>

LINER:

PRESENT PERFORATIONS: 6986'-6994' & 8886'-8900'

TUBING DATA: SIZE WT. GRADE THD. BTMD @
NO. OF JTS. MISC.

PACKER & MISC.: CIBP @ 6950'

PROCEDURE

1. MIRU PU. NU BOP. Set a CIBP @ 5919' or top of Bone Springs.
2. Load casing and test same to 1500 psi. Perforate 4 squeeze holes with a 4" casing gun @ 4550'. Close rams and establish injection rate through holes. Attempt to circulate the 8-5/8" x 5-1/2" annulus with 10 ppg BW. (May require setting a packer at 4500)
3. Set CR on 2-7/8" tubing workstring @ 4450' and cement with 750 sacks 50:50:2 Pozmix @ 14.2 ppg and 100 sacks "H" neat @ 15.6 ppg. Dump 35' of cement on CR and reverse out. POOH. If cement does not circulate run a temperature survey to determine the TOC. WOC.
4. Run a TDT-P/GR/CCL log from 4000'-2000'. Perforate the Queen with a 4" casing gun @ 1 JSPF from 3218-3238' (20 holes; actual perforations will be determined from TDT log.)
5. GIH with a packer and SN on tubing. Set packer at 3200' and acidize perms with 2000 gallons 15% NEFE @ 5 BPM using 30 ball sealers. Swab test for production. If productive procedure may be revised. If non-productive POOH and continue.
6. Set CIBP at 3200'.
7. Perforate Queen with 4" casing gun @ 1 JSPF fom 3100'-3120'. Actual perforations will be determined from TDT log.
8. GIH with packer on tubing and set same @ 3100'. Acidize Queen with 2000 gallons 15% NEFE at 5 BPM using 30 ball sealers. Swab test.