

HOUSTON E & P DIVISION-WEST

WELL WORK RECOMMENDATIONS

Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease FEDERAL "PP" Well No. 1
Field UNDESIGNATED BONE SPRINGS
County EDDY State NEW MEXICO

RECOMMENDED PROCEDURE

- 1) KILL WELL W/ 9.5# BRINE AND PULL 2 3/8" TUBING.
- 2) RUN CIBP TO 11,425'.
- 3) SPOT AN 8 SX (35') NEAT CMT PLUG ON CIBP FROM 11,390' - 11,425'.
- 4) LOAD HOLE W/ 190 BBL 9.5# BRINE - 6400' TO 11,390'.
- 5) RUN CIBP TO 6400'.
- 6) SPOT AN 8 SX (35') NEAT CMT PLUG ON CIBP FROM 6365' - 6400'.
- 7) SPOT 250 GAL 15% N.E. IRON STABILIZED HCl FROM 6250' TO 6365' PBTD.
- 8) PULL TBG, RUN A CASING GUN AND PERFORATE THE BONE SPRINGS 6294' - 6300' W/ 2 JSPE, (13 HOLES TOTAL).
- 9) ~~SWAB BACK~~ ~~THEN~~ RUN A TREATING PACKER ON 2 3/8" TUBING TO 6250' ± AND ACIDIZE THE BONE SPRINGS PERFS W/ 1500 GAL 15% N.E. IRON STABILIZED HCl. TREAT AT MAXIMUM RATE BUT DO NOT EXCEED 5 BPM OR 3,000 PSI. FLUSH TO PERFS W/ 30 BBLs 2% KCl WATER.
- 10) SWAB BACK LOAD, AND PUT ON PRODUCTION.

NOTE:

Oper. Engr. 10/76 OBTAIN APPROVED NMOCC FORMS C-101, C-102, & C-103 BEFORE COMMENCING OPERATIONS. ALSO C-105.

Federal Well

MWB 10/13/77