

PROPOSED PROCEDURE

CONVERT DORSTATE NO. 1 WELL TO SWD

7-21-82

1) Check SITP w/ gauge. Bleed off pressure and salt water until well dead. Kill well with 9.0 PPG SW if required. Remove tubing hanger flange. NU rig BOPs.

2) RU shooting nipple & CRC wireline. Using a 3 1/8" OD hollow carrier casing gun, perforate the Delaware formation as follows using 4 premium jets per foot: (Use CBL/CCL Log dated 4/26/82 for depth control. Note: This log is 3' high to open hole CNL-FDC log.)

2919-33'
2949-69'

3037-57'
3063-95'

3101-07'

3) Close BOPs. RD CRC. MI WO rig.

4) PU and run following BHA:

- * 1 joint 2 3/8" EUE 8rd internally coated tubing
- * 1 tubing seating nipple suitable for WL test plug
- * 1 joint 2 3/8" tubing as above
- * 1 Baker R double grip Hookwall packer from MEC yard
- * Sufficient joints of 2 7/8" EUE 8rd internally coated tubing spaced out for 5000 # set down weight
- * 3000 psi WP Surface master valve w/ stainless steel trim

All tubing, packer & fittings to be internally coated where possible.

5) Release WO rig. RU Halliburton. Acid treat as follows:

- a) 500 gal 15% HCl NEFe acid
- b) 3000 gal 7 1/2% HCl NEFe acid diverted with 100 # rock salt after 1000 gal & 2000 gallons have been pumped.
- c) Displace acid with 250± barrels of clean MEC produced SW. Pump approximately 4 stages of 60-70 barrels each. Each successive stage should be at a higher rate than the last one.
- d) Acid treat down tubing @ 5-6 BPM w/ 2500 psi or less.

6) Hook up surface facilities necessary for SWD system.

RECEIVED

JUL 26 '82

HARCO ENERGY CORP.
EL PASO, NEW MEXICO