

TENNECO OIL COMPANY

DRILLING PROCEDURE

Nov 2 11 23 AM '63

MIDLAND DISTRICT

SOUTHWESTERN DIVISION

LEASE: Ginsberg Federal

WELL: No. 13

FIELD: Justis (Blinebry)

STATE: New Mexico

LOCATION: 1980' FSL & 1650' FWL of Section '31,
T-25-S, R-38-E, Lea County, New Mexico

PROJECTED TD: 5700'

TYPE OF WELL: Oil-Pumping-Dual

EST. ELEV.: 3024 GL

DRILLING, CASING AND CEMENTING PROGRAM

1. Drill 11" hole to 1000 feet (Into Anhydrite).
2. Run and cement 2 1/4"/ft., J-55, ST&C, 8-5/8 csg. to T.D. Cement with sufficient 50-50 Pozmix Incor containing 4% gel and tail in with 100 sks. Class C containing 2% CaCl₂ to circulate to surface. Run bar type centralizers on guide shoe and bottom two joints. Use guide shoe and insert float.
3. If float holds release pressure immediately. Center 8-5/8 casing, nipple up and install BOP as soon as possible. After 6 hrs. from plug down, test casing to 800 psi and drill out if test is ok. Do not exceed 20,000# and 60 RPM until first three collars are below casing shoe.
4. Drill 7-7/8" hole to T.D.
5. Run 5-1/2 casing as shown: 0-5700', 5-1/2" 15.5#, J-55, ST&C.
6. Use differential fillup equipment.
7. Use reciprocating scratchers and centralizers to cover productive zones. Run Howsco bomb type DU tool at 3300 \pm and run one centralizer below the DU tool. Dual producing zones are at 3120 \pm and 5220 \pm .
8. Cement as follows:
 - 1st. Stage - 50-50 Pozmix-Incor containing 2% gel and Incor-Latex. Incor-Latex to cover 100' above producing zone and 50-50 Pozmix-Incor to reach 900' above producing zone.
 - 2nd Stage - 50-50 Pozmix-Incor containing 2% gel followed by Class C neat. Class C to cover 100' above producing zone and Pozmix-Incor to cover 900' above producing zone.
9. If DU holds release pressure immediately. Remove BOP, set slips and land csg. Release rig. Run temperature survey after 8 hrs.