

TENNECO OIL COMPANY  
PROGNOSIS TO DRILL AND COMPLETE

Lease: **U.S. Smiting-USA**

Well No.: **5**

District: Hobbs

Field: Double X Delaware

Location: **990' FEL & 330' FEL, Sec. 22, T-24-S, R-32-E, Lea County, New Mexico**

Projected Horizon: Delaware Sand

Estimated TD: **5060**

Estimated Elevation: 3600' GL

Drilling, Casing & Cement:

1. Drill 12-1/4" hole to approx. 350'.
2. Cement 8-5/8", 24#, J-55 csg w/insert float collar at approx. 350' w/sufficient volume to circulate. Use Incor High Early Portland cmt containing 2% HA-5. Slurry wt will be 14.85#/gal. Pumping time is 1 hr 12 min.

Record the following data:

- A. Volume of cmt slurry (cubic feet).
  - B. Brand name of cmt and additives, percent additives used, and sequence of placement if more than one type cmt slurry is used.
  - C. Approx. temperature of cmt slurry when mixed.
  - D. Actual time cmt in place prior to starting csg test.
3. If float valve holds, release pressure after WOC 4 hrs and nipple up.
  4. WOC a total of 8 hrs, pressure test csg w/1000 psi for 30 min and drill out cmt.

NOTE: When drilling out cement the weight on the bit should not exceed 20,000# and the rotary speed should not exceed 60 RPM until the top of the D.C. are below the base of the casing.

5. Drill 7-7/8" hole to Delaware Sand core point. Approximate core depth 4910. Exact core depth will be determined by company exploitation engineer.
6. Core from top of Delaware Sand to TD (approx 150') with a 7-13/16 X 4-3/8 diamond core head. Run junk basket on last two trips prior to coring point.
7. Set 4-1/2", 9.5#, J-55 at TD w/150 sx of 50-50 pozmix "S" w/2% gel (Slurry weight should be 15#/gal) and 50 sx reg cmt containing latex. (Slurry wt should be 14.5#/gal).

NOTE:

- A. Prior to running csg, treat mud system w/2 sx of Sodium Bichromate.
- B. Precede cmt w/20 bbls of lime wtr.

1. *Pharmaceutical industry*—United States—History. I. Title. II. Series.

Concentration of inhibitor	Rate of polymerization
0.0	1.0
0.1	0.9
0.2	0.8
0.3	0.7
0.4	0.6
0.5	0.55
0.6	0.5
0.7	0.48
0.8	0.45
0.9	0.43
1.0	0.4

*[Faint handwritten notes at the bottom of page 8]*

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

*E. coli*

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