

RECOMMENDED PROCEDURE (CRITICAL)
TO SQUEEZE STRAWN, REPLACE TUBING AND
ADD MORROW PERFORATIONS.

Lusk Deep Unit Well No. 5

1. MI DD Unit, BOP (5000 psi W.P.) and 12,600' of 2 3/8"-4.7# N-80 workstring.

NOTE: The well has developed communication between the Strawn's and the Morrow's tubing strings. Point of communication unknown.
2. Kill well with 2% KCl water. ND X-mas tree. Install BOP
3. Pull 2 1/16" dual tubing strings and packers.
4. GIH with a RBP and a RTTS type packer on 2 3/8" workstring. Set RBP at 11,350'. Pull out one joint, set RTTS and pressure test RBP to 1000 psi. Dump 2 sks of sand on top of RBP and COOH.
5. GIH with an EZ drill squeeze retainer on 2 3/8" workstring. Set retainer at 11,100'. Pressure test casing and retainer to 1000 psi.
6. _____ to squeeze Strawn perforations. 11,207'-240' with 100 sks 15.8 ppg Class "H" cement w/0.8% Halad-9 (yield = 1.16 cu.ft./sk, TT = 3.00-3.50 hrs with 180°F SBHT). By hesitation method squeeze to 1000 psi. Pull out of retainer and reverse tubing clean. COOH.
7. Drill out retainer and cement. Test squeeze to 1000 psi and COOH.
8. GIH with RBP retrieving tool on 2 3/8" workstring. Circulate hole clean and displace hole with 2% KCL water containing Unichem C-70 corrosion inhibitor. Retrieve RBP, check PTD and COOH. If necessary, clean out to 12,430' with bailer.
9. _____ to install lubricator and run GR-CCL from PTD to 10,000'. Correlate with Schlumberger GR-Sonic logs of 6/11/63. Telecopy section 12,300' to 12,200' to Odessa Reservoir Engineering (Attn: Jack Pickett or Bill Mueller) to confirm correlation.
10. GIH with 2 7/8" OD - 6.5#/ft N-80 8rd EUE tubing and bottom hole assembly (bottom to top):
 - Baker Mod. Al-2 Lok-Set packer with a FL on/off sealing connector w/2.31" "F" profile
 - 1 jt. of 2 7/8"-6.5#/ft-N80 tubing
 - Schlumberger 2 7/8" PACT disk assembly
 - +12,100' of 2 7/8" OD - 6.5#/ft-N80 production tubing. Set packer at 12,110'.
11. Load annulus with brine water containing Unichem C-70 corrosion inhibitor.
12. Nipple down BOP. NU X-mas tree. Drop 20' centralized "drop bar" to rupture PACT disk.

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