

4-12-77

WORKOVER PROCEDURE

U. D. SAWYER #9

1. MIRU pulling unit.
2. Pull rods, pump and tbg. Install BOP.
3. Use Welex run GR & JB to 12040', set 7" Howco EZ-drill retainer on wireline at 12035.
4. Pick up and run 2-7/8" workstring with stinger. Sting into retainer at 12035. NOTE: Top 4000' of workstring should be N-80 tbg.
5. Use Halliburton to squeeze perfs 12043-12048. Pressure annulus to 1000 psi. Establish injection rate with lease water. Squeeze perfs with 150 sx Class "H" neat. Squeeze to minimum 3000 psi. If an additional stage is necessary, clear perfs w/5 BW. For second stage use 150 sx Class "H" with 10# sand per sack in last 50 sx. After a squeeze is obtained, pull out of retainer and reverse out. Pull tbg.
6. Use Welex to perforate 12020-12028 w/2 JSPF. Perf w/4" O.D. csg gun by the McCullough Gamma ray-collar log dated 11/12/72.
7. Run tbg. with 7" Baker Rdg. Leave pkr. swinging with TS @ 12028.
8. Use Halliburton to acidize. Wash perfs a minimum of 3 times with 250 gal. 15% NEHCL. After washing perfs pull up and set packer at  $\pm$  12000. Break-down and displace acid into perfs. Open packer by-pass and spot an additional 750 gla. 15% NEHCL to packer. Close by-pass. Acidize perfs 12020-12028 at 1 to 2 BPM rate. Maximum pressure 3500 psi. Flush acid with NE lease water.
9. Swab back load and acid water.
10. Pull tbg. and packer. Lay down workstring.
11. Run tbg. rods and pump as before.
12. Put on production and test.

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OIL CONSERVATION COMM.  
HOBBS, N. M.