New Mexico Oil Conservation Commission FORM C-103 Humble Oil & Refining Company's New Mexico State "K" No. 17

Detailed account of work done, nature and quantity of materials used and results obtained.

- Moved in and rig up. 1.
- 2. Drilled out plug from surface to 25' and continued on down to 6617.
- Pulled tubing. 3.
- 4. Ran cement bond log and acoustic scope pictures from 5750-6500 and 3700-4000.
- 5. Ran Gamma Ray collar log from 3200 to 6600.
- Set CI bridge plug at 6605 by wire line. Dumped one sack cement on 6. top of bridge plug.
- Perf 5-1/2" casing at 6459,6465,6468,6475,6479,6509 and 6513 with 7. one jet shot per depth.
- Ran tubing and packer. 8.
- Spotted 500 gals acetic acid over perf 6459 to 6513. Pumped acid 9. into formation in one hour with 1250# tubing pressure. Unseated packer and spotted acid over perf. Acidized above perf with 2000 gallons 15% N.E. acid with an average injection rate of .9 BPM. Maximum pressure 1800#. Job by The Western Company. Swabbed. Recovered acid water.
- Pulled tubing. Ran acoustic scope pictures 6500 to 6000 and 4400 10. to 3700.
- Set CI retainer at 6390 by wire line. 11.
- Ran tubing. 12.
- Squeezed perf 6459 thru 6513 with 100 sxs Incor Neat with 8% Halad 9. 13. Reversed out 25 sxs. Pulled tubing. WOC.
- Perf 5-1/2" casing 6134 to 6144 with one jet shot per interval. 14.
- Ran tubing and packer. Set packer at 6025. Acidized perf with 500 15. gallons acetic acid in 1-1/2 hours with 1700# pressure. Followed by 2000 gals N.E. acid with an average injection rate of 3.1 BPM. Maximum pressure 2000#. Job by the Western Co.
- 16. Swabbed.
- 17. Started well to flowing.
- 18. Well recompleted as a flowing oil well.