

LUSK UNIT NO. 9
WELL WORKOVER REPORT

- 5-20-71 Pumped 50 barrels of hot water down casing and 50 barrels hot water down tubing. Rigged up Xpert Well Service and installed BOP. Pulled tubing. Found scale build up between casing and tubing on 283 joints down.
- 5-21-71 Rigged up McCullough, went in hole with 3-1/2" logging tool and could not get below 8968'. Ran Gamma Ray Correlation log 8900-8500'. Perforated 8794-8799' with 10 holes (2 jet SPF). Went in hole with HALCO retrievable bridge plug, Baker Model 'R' packer and tubing string. Set bridge plug at 8938'. Pulled 1 joint, set packer and tested bridge plug to 3000# for 15 min - OK. Set packer at 8781', bottom of tubing at 8812'. (Had to drive bridge plug through several casing collars going in the hole.). Removed BOP, installed wellhead and swab well down.
- 5-22-71 Ran swab, rigged up Cardinal Chemical pump truck and treated perforations 8794-8799' with 500 gallons 20% HCL. Maximum PIP 3500#, treating pressure 1900# at 7/10 BPM. ISIP 1800#, 5 min SIP 1650#. Swabbed 33 barrels fluid. Heavily oil cut. Hole became dry. Lack 13 barrels of load to recover. Shut down.
- 5-23-71 18 hours SITP 15#. Ran swab, found 400' fluid in hole. First swab had 75% oil and 25% water. Made 3 runs and could not get any fluid. Shut down at 12:00 noon.
- 5-24-71 18 hours SITP 20#. Went in hole with swab. Found 350' of fluid in hole. Made 3 runs and well was dry. Recovered 1/2 barrel oil with no gas. Shut down and released rig. Operation suspended.

Scale Analysis:

12%	Calcium Carbonate
21%	Calcium Sulfate
67%	Barium Sulfate

RECEIVED

MAY 26 1971

**OIL CONSERVATION COMM.
HOBBS, N. M.**