

LOWE NO. 2-11

1/22/64

TD 3790'. Drilled 190' of sand and shale. Present operation, running 5 1/2". Mud 9.0. Vis. 64. Water loss 10. Mud cake 2/32. PH 7.0.

1/23/64

Ran 131 joints 5 1/2" 15.5# casing 3870.08', set at 3798.08' KB. Float collar at 3776' KB. Pretreated 135 bbls. mud with .08 gal./bbl. 35% Hydrazine and 1/10 gal./bbl. Bactrin #2. Cemented with 175 sx. 50/50 Poz with 4% gel. Tailed in with 40 sx. regular. Bumped plug 2000# at 10:40 a.m. Good circulation throughout job.

2/25/64

Ran Gamma Ray Neutron logs.

2/27/64

Rigged up Jet Tech, perforated two per foot from 3544'-3554', 3562'-3572', 3580'-3588'. Hooked up Dowell, pressured to 3000#, would not break. Pressured to 3750#, held for 30 minutes, would not break. Perforated from 3563'-3571', four per foot. Pressured up to 3800#, would not break. Waiting on completion rig.

2/28/64

Moved in pulling unit. Picked up 2 7/8" tubing. Preparing to blow down and clean out.

2/29/64

Well head frozen up, 1.5 hours to thaw out head and BOP. Started in hole. Gas line frozen off. Blew down. Tagged bottom at 3581'. Cleaned out to 3650'. Damped 300 gal. of 15% regular acid. Came out of hole. Shut in for night.

3/1/64

Rigged up Western Co. Ran Gamma Ray correlation log. Logger's depth 3650' KB. Top of acid at 3620'. Perforated two per foot 3544'-3554', 3562'-3572' and 3588'-3596'. Had small amount of gas after perforating 3588'-3596'. Hooked up Dowell. Treated with 75,000# 20-40 sand. Average treating pressure 1250#. Average Injection rate 81 BPM. Job complete at 10:35 a.m. 3/29/64. Will mail detailed report. Ran 1" tubing to 1485'. Well unloaded.