

6/24/83:

Day -15-

After 13 hours SI 670 psi on tubing. Open on 20/64" choke, went to 24/64" choke in 14 minutes blew down. R.U. swab, Run No. 1 FL 4500' FS, PF 6100', recovered 1100' very gassy water. Small blow after swab.

Run No. 2 FL 5200' FS, PF 7000', recovered 1100' very gassy fluid, small blow after swab.

Shut down for 40 minutes due to storm.

Run No. 3 FL 6200' FS, PF 7900', recovered 1200' very gassy fluid, fair blow behind swab.

Run No. 4 FL 6800' FS, PF 8500', line fouled up no recovery. Well has small blow behind each swab.

Run No. 5 FL 7300' FS, PF S.N. recovered 1200' gassy fluid.

Run No. 6 FL 8400' FS, PF S.N. recovered 600' gassy fluid.

Run No. 7 FL PF S.N. no recovery.

Waited 1 hour.

Run No. 8 FL PF S.N. no recovery

Waited 1-1/2 hours PF S.N. could not detect fluid level, recovered 500' fluid.

S.D. for night.

6/25/83:

1670 psi, blew right down. Rig up swab, recovered 300-400' natural gas and fluid. Acidize with 4000 gallons 7-1/2% morrow sand acid. and 1000 scf nitrogen/bbl. 2 bbls acid ahead of 10,000 cu.ft. pad. Drop 1 ball sealer every 12 bbls of acid for total of 7 ball sealers. Maximum treating pressure 7150, average 6919, maximum fluid rate 3.8 bbls of acid, 2.4 bbls nitrogen for total of 6 BPM. Average fluid rate 3.4 bbls acid 2.1 bbls of nitrogen for a total of 5.5 bbls. Total load to recover 95 bbls acid 24 bbls KCL water. ISIP 4050 psi, in 5 minutes 3850, in 10 minutes 3750. Open on 20/64" choke with 3650 psi, gradually open to 1/2" choke pressure down to 2500 psig, went to a 3/4" choke pressure to 700 psi, after 1/2 hour pressure 110 psi, went back to 1/2" choke, pressure rose to 140 psi. After 2 hours slugging some NG, pressure 90 psi, 1" stream water. After 2-1/2 hours slight increase NG then 1" stream water pressure faded to 50 psi. After 2 hours and 50 minutes on 3/4" choke pressure dropped to 25 psi, fair increase in water and pressure came back to 30 psi in 10 minutes then slowly faded. After 3 hours and 30 minutes pressure down to 10 psi. Rig up swab.