

6/20/83:

Day -11-

SITP 2750 psig after 15-1/2 hour SI. Open on 1/4" choke, gradually open to full 3/4". TP 2000 psig had wide open with good fire. Pressure fell end of 20 minutes to 10 psig, distillate to top pressure rose back to 250 psig, in 3 minutes distillate went by followed by spray of water 30 psig, stabilized for 15 minutes, SI with 30 psig. Very fine spray water, in 16 minutes pressure 300 psig. SI for 3 hours. Acidized with 10,000 cu. ft. nitrogen for pad, 4,000 gallons acid, good ball action. Average rate 5.4 BPM (3-1/2 BPM acid, 1.9 BPM nitrogen. Beginning treatment pressure 6900 psig, went to 7100 psig after 2nd ball, went to 7300 psig after 4th ball. ISIP 4600 psig, in 5 minutes 4200 psig. 133-1/2 bbls load to recover. Open from 1/4" choke, to 3/4" choke pressure went from 300 psig to 500 psig, unloading water.

4:30 PM TP 50, Choke 3/3", unloading water.

5:30 PM TP 100, 3/8" choke, unloading water, trace of gas.

6:30 PM TP 180, 3/8" choke, unloading water.

8:30 PM TP 175, 3/8" choke, recovered about 1/2 of 133.5 bbls of load in 5 seconds burst of gas.

10:10 PM TP 198, 25/64" choke, unloading water.

12:30 AM TP 170, 26/64" choke, unloading water.

1:30 AM TP 170, 26/64" choke, heavy spray of water.

2:30 AM TP 170, 26/64" choke, flare steady.

3:30 AM TP 198, 26/64" choke SI.

6/21/83

7:30 AM TP 2525 psig on 26/64" choke 4 hours SI.

7:31 AM TP 2000, 1/4" choke

7:47 AM TP 700, 5/16" choke

8:03 AM TP 700 psig 3/8" choke

8:25 AM TP 700, 1/2" choke slugging water and Nitrogen

8:40 AM TP 300, 1/2" choke heavy spray

9:12 AM TP 300 1/2" choke fine spray

9:30 AM TP 155 1/2" choke steady calculates about 1050 MCFPD SI. with pressure at 150 psig.

Pressure after SI 2 hours 2175 psig, open on 1/4" choke went to a 3/4 in 3 minutes, big blast.

In 10 minutes 200 psi.

in 13 minutes water and nitrogen to top (nitrogen put fire out).

In 17 minutes flare came back intermittently.

In 20 minutes 100 psig, fine spray.

In 28 minutes flare out mostly nitrogen.

In 38 minutes 75 psi estimated 1,001 MCFPD.

In 45 minutes 75 psig after SI went to 350 psi.