

9-20-90: Acidize perfs from 7111'-7162' with 3500 gallons of 7-1/2% NEFe HCl acid containing fines suspension agents, clay stabilizers and LST agents. Pressure tested treating lines to 4500#. Test OK. Pressured tubing/casing annulus to 500#. Max. treating pressure: 2640#. ISIP: 650#. Swabbed 5 hrs.

9-21-90: Swabbed 10 hrs.

9-23-90: Swabbed 10 hrs.

9-26-90: Fracture stimulated perfs 7111'-7162' down casing with 34,000 gallons of polyemulsion carrying 120,000# 12/20 mesh Ottawa sand flushed to perforations with lease crude. ISIP: 1700#. Max. Pressure: 2015#, Avg. Injection Rate: 15.3 BPM.

9-30-90: Swabbed 10 hrs.

10-02-90: Unseat packer and wash sand from RBP. Retrieve bridge-plug.

10-03-90: Rig up Halliburton Wireline Service. WIH with 4" OD casing guns loaded with deep penetrating DML charges at 2 JSPF and spiral phasing; perforated from top to bottom as follows: 6405'-6486'. Set packer at 6347'.

10-04-90: RU to acidize perforations 6405'-6486' with 8100 gallons of 7-1/2% NEFe HCl acid containing fines suspension agents, clay stabilizers and LST agent with one RCN ball sealer in each 42 gallons of acid. Total of 192 ball sealers. ISIP: 1200#, Avg. Injection Rate: 3.2 BPM, Avg. Injection Pressure: 1600#. Swabbed 5 hrs.

10-05-90: Swabbed 10 hrs.

10-08-90: Swabbed 6 hrs.

10-09-90: Swabbed 7 hrs.

10-10-90: Fracture stimulate perforations 6405'-6486' as follows: Pumped 14,000 gallons of polyemulsion as pad, pumped 2000 gallons polyemulsion carrying 2 ppg 12/20 sand, pumped 4000 gallons polyemulsion carrying 4 ppg 12/20 sand, pumped 6000 gallons polyemulsion carrying 6 ppg 12/20 sand, pumped 8000 gallons polyemulsion carrying 8 ppg 12/20 sand, flushed to perforations with lease crude. ISIP: 1585#, Avg. Treating Pressure: 1600#, Avg. Injection Rate: 15.3 BPM.

10-16-90: Remove BOP and install wellhead.

10-17-90: Spaced well out. Checked pump action. Well connected to test tank at 3:30 p.m. New Mexico time. Cleaned location. Left well pumping to test tank overnight.

10-25-90: Temp. drop from report until GOR test results are received.