

APR 29 1984 THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

Case No. 2-21 Exhibit No. 4

Submitted by Grynberg PET

COMPLETION REPORT  
Hearing Date 4/19/86

GRYNBERG PETROLEUM STATE 1-20  
660' FWL & 1980' FSL  
Sec. 20, Twp. 9S, R27E  
Chaves County, New Mexico  
El. 3823 KB 3812 GL

- 3-10-84 Rig up Mack Chase Unit #14.
- 3-12-84 Rig up GeoVann. Run cement bond log. Top cement 3612'. Rig up B.O.P.
- 3-13-84 Rig up GeoVann. Perf. 6198-6207' with two shots per foot @ 8:30 A.M. Ran 196 joints (6171.32') of 2-3/8" E.U.E. A.P.I. 4.7# tubing. Ran subs to put bottom of packer at 6191.32'. Swabbed dry - no show of gas or oil.
- 3-14-84 No pressure. Well on vacuum. Rig up Halliburton. Acidized with 2000 gallons 10% Morflo and 65,000 SCF nitrogen. Average treating pressure 3900#. Flow back.
- 3-15-84 FTP 40#. No fluid. Small steady flow of gas. Rig up GeoVann. Check Measurements. Perf 6163-6170', two shots per foot.
- 3-16-84 Rig up Halliburton. Acidize with 2000 gallons 10% Morflo and 65,000 SCF nitrogen. Average treating pressure 3850#. Flow back.
- 3-17-84 Well dead. Rig up Halliburton. Frac w/ 20,000 gallons Versagel 1300, 6700 gallons CO<sub>2</sub> and 30,000 pounds 20/40 sand. Maximum treating pressure 4200 P.S.I. Average treating pressure 3910 P.S.I. Shut in two hours. Flow back.
- 3-18-84 Well dead. SITP = 0 SICP = 1100 P.S.I. Shut well in.
- 3-19-84 SITP 250 P.S.I. SICP 900 P.S.I. Swabbed. Found fluid 1500' down. Swabbed off bottom. Trace of gas in fluid. Shut well in.
- 3-20-84 SITP 475 P.S.I. SICP 475 P.S.I. Blew down in 15". Rig up GeoVann. Set cast iron bridge plug @ 5540'. Load hole w/ 100 bbl. 2% KCL water. Perf 5414' to 5429' - two shots per foot. Run tubing to 5447'.

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- 3-21-84 SITP 25# SICP 25#. Rig up Halliburton. Acidize with 3000 gallons 15% acid and 500 SCF per barrel nitrogen. Average treating pressure 3700 P.S.I. Maximum pressure 4100 P.S.I. Flow back. Shut in overnight.
- 3-22-84 SITP 200# SICP 350#. Small amount of gas. Blew down in 15" swab. Found fluid at 2500'. Swabbed fluid down to 4000'. Casing pressure still 350#. Water sample analyzed formation water.
- 3-23-84 Rig up GeoVann. Attempted to set cast iron bridge plug at 4920'. Plug stuck at 4783'. Set plug there. Pressure test. Plug not holding.
- 3-24-84 Ran packer to test. Found that bridge plug was not holding.
- 3-26-84 Set cast iron bridge plug at 4780'. Pressure tested. Would not hold fluid. Rigged up Bell Petroleum surveys. Temperature survey indicated no splits in casing. Ran radioactive tracer survey. Found fluid going through plugs.
- 3-27-84 Set Baker cast iron bridge plug at 4756'. Pressure test @ 4000 P.S.I. for 15 minutes. Plug held. Perf 4728-4736' - two shots per foot. Shut down because of wind storm.
- 3-28-84 Rig up Halliburton. Acidize w/2000 gallons Mod 101 and 1000 SCF/bbl. nitrogen. Broke w/1800# maximum treating pressure - 3000 P.S.I. Average treating pressure 3200 P.S.I. Flow back.
- 3-29-84 SITP 20# SICP 200#. Making small amount of gas. Rig up Halliburton. Frac with 20,000 gallons jelled 2% KCL water, 6000 gallons liquid CO<sub>2</sub>, 15,000 pounds 20/40 sand, 14,000 pounds 12/20 sand. Maximum treating pressure 2270 P.S.I. Average treating pressure 2150 P.S.I. Flow rate 20 barrels per minute. Shut in for three hours. Flow back. FTP 350 P.S.I. FCP 800 P.S.I. at 4:00 P.M. Left well flowing overnight.
- 3-30-84 Well dead. T.P. = 0. C.P. = 825 P.S.I. Swab. Kicked off at 9:00 A.M. FTP 500#, FCP 800# at 10:00 A.M. Well died at 2:30 P.M. Gas would not flare. Shut well in.

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3-31-84 SITP 500# SICP 550#. Flowed well. Rigged down.

4-01-84 FTP 40# FCP 240#. Gas would flare. No fluid.

  
Jim B. McWilliams

April 4, 1984