

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION  
P. O. BOX 1088  
SANTA FE, NEW MEXICO 87501  
O. C. D.  
ARTESIA, OFFICE

Form C-103  
Revised 10-1-78

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
LH-1898

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name N/A
2. Name of Operator JACK J. GRYNBERG	8. Farm or Lease Name GRYNBERG STATE COM
3. Address of Operator 5000 South Quebec, Suite 500, Denver, CO 80237	9. Well No. #1
4. Location of Well UNIT LETTER <u>L</u> <u>1980'</u> FEET FROM THE <u>South</u> LINE AND <u>660'</u> FEET FROM THE <u>West</u> LINE, SECTION <u>20</u> TOWNSHIP <u>9 S</u> RANGE <u>27 E</u> NMPM.	10. Field and Pool, or Wildcat Und. S. Pecos Slope Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3812' MSL	12. County Chaves

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐  
TEMPORARILY ABANDON ☐  
PULL OR ALTER CASING ☐  
OTHER ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐  
COMMENCE DRILLING OPNS. ☐  
CASING TEST AND CEMENT JOBS ☐  
OTHER Completion Report ☒

ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3/10/84 through 4/1/84 SEE ATTACHED COMPLETION REPORT ON ABOVE WELL.

4/2/84 through 4/10/84 SI for pressure build up.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Chris Pennells TITLE DRILLING & PRODUCTION COORDINATOR DATE 4/12/84  
CHRIS PENNELLS

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]  
CONDITIONS OF APPROVAL, IF ANY:

APR 9 1984

COMPLETION REPORT

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

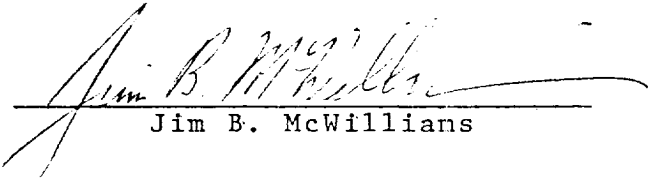
- 3-10-84 Rig up Mack Chase Unit #14.
- 3-12-84 Rig up GeoVann. Run cement bond log. Top cement 3612'. Rig up B.O.P.
- 3-13-84 Rig up GeoVann. Perf. 6198-6207' with two shots per foot @ 8:30 A.M. Ran 196 joints (6171.32') of 2-3/8" E.U.E. A.P.I. 4.7# tubing. Ran subs to put bottom of packer at 6191.32'. 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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GRYNBERG PETROLEUM STATE 1-20

- 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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GRYNBERG PETROLEUM STATE 1-20

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