

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Co.
P. 1980
Hobbs, NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injector

2. Name of Operator

Pioneer Natural Resources USA, Inc.

3. Address and Telephone No.

P.O. Box 3178 Midland, TX 79702

915/571-3937

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit L, 1650' FNL & 330' FWL, Sec. 21, T19S, R32E

5. Lease Designation and Serial No.

NMNM0175774

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Lusk West (Delaware) Unit

8. Well Name and No.

105

9. API Well No.

30-025-30439

10. Field and Pool, or exploratory Area

Lusk Delaware, West

11. County or Parish, State

Lea

NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

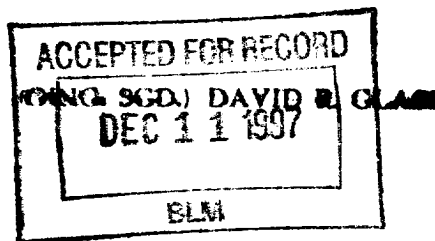
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection 11-4-97
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Original Well Name: Mobil Federal #1

See Attached Chronology Report & Pressure Chart



14. I hereby certify that the foregoing is true and correct

Signed James Dadd

Title Engineering Tech

Date 12/3/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

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WELL CHRONOLOGY REPORT

WELL NAME : LUSK WEST (DELAWARE) UNIT #105WELL ID # : 924998105OPERATOR : PIONEER NATURAL RESOURCES

DISTRICT :

FIELD : LUSK WEST (DELAWARE)

LOCATION :

COUNTY & STATE : LEA

NM

CONTRACTOR :

NWI W1% : 90.93620 AFE# :API# : 30-025-30439

PLAN DEPTH :

SPUD DATE :

DHC :

CWC :

AFE TOTAL :

FORMATION : LUSK DELAWARE, WESTREPORT DATE : 11/4/97MD : 0TVD : 0DSS : 1DOL : 0

MW :

VISC :

DAILY DETAILS : FIRST REPORT

STRIP RODS & TBG OUT OF HOLE. GOT OUT WITH 25-7/8" RODS, 159 3/4" RODS & 128 JTS. 2 3/8" TBG. CLOSE WELL IN.

REPORT DATE : 11/5/97MD : 0TVD : 0DSS : 2DOL : 1

MW :

VISC :

DAILY DETAILS : FINISH STRIPPING RODS & TUBING OUT OF HOLE. TOTAL RODS PULLED ARE 25 - 7/8", 165 - 3/4". TOTAL TUBING STRING WAS 154 JTS. 2 3/8", SN, 2 3/8" X 3' PERF SUB, & 1 JT. 2 3/8" BULL PLUG MA. RAN OLD STYLE BAKER ON OFF TOOL, PORTED SN, & TBG. TAGGED UP @ 4945'. RU HOT OIL TRK & HOT WATERED DOWN TBG. W/60 BBLs LEASE WATER & 10 GAL PARAFFIN CHEMICAL WHILE WASHING DOWN 8' TO PKR. GOT ON LOK-SET PKR & WORKED 2 1/2 HRS GETTING IT LOOSE. RU TUBESCOPE VETCO & SCOPE TBG WHILE COMING OUT OF HOLE. SCOPED 154 TOTAL JTS, HAD 77 YELLOW, 10 BLUE, 59 GREEN, & 8 RED. CLOSED WELL IN.

REPORT DATE : 11/6/97MD : 0TVD : 0DSS : 3DOL : 2

MW :

VISC :

DAILY DETAILS : RU PRO-LOG WL TRK. RIH W/CIBP & SET DOWN @ 5173'. PULL OUT OF HOLE & RD WL TRK. RAN 60 JTS. 2 3/8" TBG OUT OF DERRICK INTO HOLE. LD TBG. CHANGE BOP RAMS FROM 2 3/8" TO 2 7/8". RAN OLD STYLE BAKER ON-OFF TOOL, PORTED SN, & 160 JTS. YELLOW BANK 2 7/8" TBG. SET DOWN @ 5176'. WASHED & SPUDDED. PLUGGED TBG OR RETRIEVING. SDFN.

REPORT DATE : 11/7/97MD : 0TVD : 0DSS : 4DOL : 3

MW :

VISC :

DAILY DETAILS : TOH W/64 JTS. 2 7/8" TBG & FOUND PARAFFIN & SCALE PLUG. REMOVED PLUG & TIH. WASHED & SPUDDED FROM 5170' TO 5185' & GOT ON LOKSET PKR. JARED ON PKR 2 HRS. & WOULD NOT UNSET. RETRIEVING HEAD CAME OFF OF PKR & WOULD NOT GO BACK ON. CIRC. HOLE CLEAN & COULD NOT GET BACK ON. TOH W/TBG. & RETRIEVING HEAD. EVERYTHING LOOKED GOOD. REMOVED PORTED SN FROM ABOVE RETRIEVING HEAD AND RAN SAME & 148 JTS. 2 7/8" TBG. CLOSE WELL IN & SD.

REPORT DATE : 11/8/97MD : 0TVD : 0DSS : 5DOL : 4

MW :

VISC :

DAILY DETAILS : RAN TBG. & RETIEVING HEAD IN HOLE TO PKR. CIRC. & ATTEMPTED TO GET ONTO PKR. COULD NOT GE ON. CIRC. 180 BBLs LEASE WTR. TOH & REMOVE RETRIEVING HEAD. RAN 4 1/2" SHOE W/CUT RITE TEETH. TURNED W/POWER TONGS & REVERSE CIRC. 130 BBL LEASE WTR. MADE 1 1/2' & CIRC. UP BALL SEALERS & VARIOUS SIZE PIECES OF PKR RUBBER. CLEANED UP HOLE. PULL SHOE UP HOLE TO JUST ABOVE PERFS. CLOSE WELL IN & SD.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 11/9/97 MD : 0 TVD : 0 DSS : 6 DOL : 5 MW : VISC :

DAILY DETAILS : SDFWE

REPORT DATE : 11/10/97 MD : 0 TVD : 0 DSS : 7 DOL : 6 MW : VISC :

DAILY DETAILS : SDFWE

REPORT DATE : 11/11/97 MD : 0 TVD : 0 DSS : 8 DOL : 7 MW : VISC :

DAILY DETAILS : RU PUMP TRK. RAN SHOE & TBG TO 5185'. REVERSE, CIRC. HOLE W/120 BBL LEASE WTR. RECOVERED MORE PIECES OF PKR RUBBER. HOLE SEEMS TO BE CLEAN. TOH W/TBG & SHOE. TIH W/RETRIEVING HEAD, COULD NOT GET ON PKR. TOH W/TBG & RETRIEVING HEAD. CLOSE WELL IN & SD.

REPORT DATE : 11/12/97 MD : 0 TVD : 0 DSS : 9 DOL : 8 MW : VISC :

DAILY DETAILS : PU & RAN 4 11/16" OD SHORT CATCH OVERSHOT, BUMPER SUB, JARS, 6-3 1/2" DC (195.17' OF TOOLS). RAN TBG & GOT ON PKR. JARRED & TURNED ON PKR 4 HRS. PKR CAME LOOSE. TOH W/TBG, TOOLS & PKR. LD PKR, BUMPER SUB & JARS. SD.

REPORT DATE : 11/13/97 MD : 0 TVD : 0 DSS : 10 DOL : 9 MW : VISC :

DAILY DETAILS : RAN 4 3/4" ROCK BIT, 5 1/2" CSG SCRAPER, X OVER, 2 7/8" TBG. TO 6494' & SET DOWN SOLID. TURNED BIT W/POWER TONGS & BTM FELTED SOLID. TOH W/TBG. RU PRO-LOG WL TRK. RIH W/ALPHA TYPE 5 1/2" CIBP, SET @ 5230. MADE 1 RUN W/CMT BAILER & SPOTTED 2 SX CMT ON CIBP. RD WL TRK. PU & RAN ARROW COMPLETIONS 5 1/2" SLIDING VALVE CEMENT RETAINER, SET @ 4821' W/149 JTS. 2 7/8" TBG. PUMPED 32 BBLs FW DWN TBG. LOADED CSG W/28 BBL FRESH WATER & PRESSURED TO 500 PSI, HELD OK. RELEASED PRESSURE. SD

REPORT DATE : 11/14/97 MD : 0 TVD : 0 DSS : 11 DOL : 10 MW : VISC :

DAILY DETAILS : RU BJ, LOAD CSG W/32 BBL FW & PRESSURED TO 550 PSI, HELD OK. LOADED TBG W/FW & ESTABLISHED PUMP RATE OF 2 BPM @ 575 PSI. PUMPED 10 BBL FW, 500 GAL AQUAFIX-1, 10 BBL FW, 200 SX CL"C" W/.6% FL-62 + .2% CD-32 & 300SX CL"C" W/.5% CACL2. FLUSHED W/FW, PUMPED AQUAFIX-1 INTO FORMATION @ 1.5 BPM @ 100 PSI. INCREASED RATE TO 3 1/2 BPM @ 500 PSI. PRESSURE DECREASED TO 0 W/CEMENT IN TBG. WASHED UP, STARTED GETTING PRESSURE @ 7 BBL DISPLACEMENT. SLOWLY INCREASED TO 1800 PSI. HESITATED 3 TIMES & SQUEEZED OFF. STUNG OUT & DISPLACED 76 SKS TO PIT. RD BJ. TOH W/TBG. REMOVE SETTING TOOL. RAN 4 3/4" TRI-CONE ROCK BIT, 6-3 1/2" DC'S & 20 JTS. 2 7/8" TBG. SD.

REPORT DATE : 11/15/97 MD : 0 TVD : 0 DSS : 12 DOL : 11 MW : VISC :

DAILY DETAILS : FINISH TIH W/BIT, X OVER, BIT SUB, 6-3 1/2" DC'S, TBG TO 4819' & TAGGED UP. RU POWER SWIVEL & REVERSE UNIT. FILL TANK W/LEASE WTR. DRLD CEMENT FROM 4819' TO 4821' & STARTED DRILLING ON CEMENT RETAINER. DRLD 1' IN 5 HRS. CIRC. METAL & RUBBER PIECES UP. CIRC HOLE CLEAN & PULLED 1 JT. CLOSED WELL IN.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 11/17/97 MD : 0 TVD : 0 DSS : 13 DOL : 12 MW : VISC :

DAILY DETAILS : DRLD ON CMT RETAINER 5 HRS. & DRLD INTO CMT. DRLD CMT TO 4932'. CLOSED WELL IN & SD

REPORT DATE : 11/18/97 MD : 0 TVD : 0 DSS : 14 DOL : 13 MW : VISC :

DAILY DETAILS : DRLD CMT FROM 4932' TO 4978'. CIRC HOLE CLEAN. CLOSE BOP & PRESSURED TO 550 PSI. HELD STEADY FOR 15 MIN. DRLD CMT TO 5040' & FELL OUT OF CMT. RAN BJ TO 5061'. & PRESSURED CSG TO 500 PSI. HELD 500 PSI FOR 30 MIN. RAN BIT TO 5227'. DRLD 3' CMT TO 5230' & DRLD ON CIBP FOR ABOUT 1 HR. CIBP RELEASED & FELL DWN HOLE. TBG & CSG WENT ON STRONG VACUUM. RD POWER SWIVEL. RIH W/BIT TO 6494' & TAGGED. TOH & LD 2 7/8" TBG & DC'S. CLOSED WELL IN & SD.

REPORT DATE : 11/19/97 MD : 0 TVD : 0 DSS : 15 DOL : 14 MW : VISC :

DAILY DETAILS : MOVED 2 7/8" WORKSTRING OFF OF RACKS TO SHOUTHERN CALIFORNIA FEDERAL #11 (LWDU #901). UNLOADED & TALLIED 210 JTS. NEW 2 3/8" 4.7# J55 W/ICO IPC 505 TUBING. PU & RAN 2 3/8" X 5 1/2" ARROWSET 1-XS EXTERNAL NICKEL PLATED/ INTERVAL PC PKR W/2 3/8" STAINLESS STEEL T-2 ON-OFF TOOL & 1.78" STAINLESS STEEL F NIPPLE & 202 JTS. 2 3/8" (6378') 4.7# IPC J55 EUE TBG. LEFT PKR SWINGING @ 6399.41'. CLOSE WELL IN & SD.

REPORT DATE : 11/20/97 MD : 0 TVD : 0 DSS : 16 DOL : 15 MW : VISC :

DAILY DETAILS : RU PUMP TRK. CIRC 125 BBL PKR FLUID DOWN CSG. SET PKR @ 6399' IN 5000# COMPRESSION. ND BOP & NU WELL HEAD. RD WSU.

REPORT DATE : 11/21/97 MD : 0 TVD : 0 DSS : 17 DOL : 16 MW : VISC :

DAILY DETAILS : RU PMP TRK. LOADED CSG W/2 BBL FRESH WATER W/PKR FLUID. PRESSURED TO 570 PSI @ END OF 30 MIN. PRESSURE WAS 560 PSI. MADE GOOD CHART.

REPORT DATE : 11/22/97 MD : 0 TVD : 0 DSS : 18 DOL : 17 MW : VISC :

DAILY DETAILS : SDFWE

REPORT DATE : 11/23/97 MD : 0 TVD : 0 DSS : 19 DOL : 18 MW : VISC :

DAILY DETAILS : SDFWE

