

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas Division

P.O. Box 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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM LC-065710A
2. Name of Operator Pioneer Natural Resources USA, Inc.	6. If Indian, Allottee or Tribe Name NA
3. Address and Telephone No. P. O. Box 3178, Midland, TX 79702	7. If Unit or CA, Agreement Designation Lusk West (Delaware) Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit P, 990' FEL & 990' FSL, Sec. 20, T19S, R32E	8. Well Name and No. #016
	9. API Well No. 30-025-34031
	10. Field and Pool, or Exploratory Area Lusk Delaware, West
	11. County or Parish, State Lea Co., NM

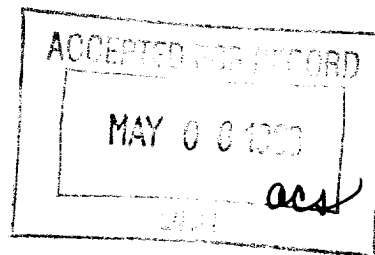
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Completion Details</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)\*

See Attached Well Chronology Report



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

Signed Jeannie Dodd

Title Operations Tech

Date 4/30/98

(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



# WELL CHRONOLOGY REPORT

REPORT DATE : 10/24/97 MD : 6,600 TVD : 0 DSS : 22 DOL : 21 MW : VISC :

DAILY DETAILS : ND BOP, SET SLIPS, WELDED ON 5 1/2" WELLHEAD. JET PITS. RELEASED RIG LAKOTA #4 @ 11:00AM ON 10/23/97.

REPORT DATE : 12/23/97 MD : 6,600 TVD : 0 DSS : 23 DOL : 22 MW : VISC :

DAILY DETAILS : MIRU POOL WELL SERVICE. SET PIPE RACKS & MOVED 134 JTS 2 7/8" NON UPSET BUTTRESS THREAD TBG & 85 JTS 2 7/8" 8RD UPSET ONTO RACKS. SET REVERSE UNIT. PU & RAN 4 3/4" TRI CONE ROCK BIT, 6 - 3 1/2" DC'S, X-OVER & TBG. TAGGED DV TOOL @ 3211'. RU POWER SWIVEL. PUT 100 BBL 2% KCL WATER IN REVERSE TANK. DRILLED ON DV TOOL 25 MIN. TESTED CSG TO 1000 PSI & HELD 30 MINS. HELD OK. RIH W/TOTAL OF 131 JTS TBG & 6 DC'S. SD & CLOSE WELL IN.

REPORT DATE : 12/24/97 MD : 6,600 TVD : 0 DSS : 24 DOL : 23 MW : VISC :

DAILY DETAILS : TIH PICKING UP TBG. RAN BIT, DC'S, & TBG. TAG PBDT @ 6543'. CIRC HOLE CLEAN 2W/ 153 BBL 2% KCL WTR. TOH W/ TBGL. LD DC'S. RU WEDGE WL TRK. WL TD 6536'. RAN COMPENSATED NEUTRON LOG FROM PBDT TO 3568'. RAN GR/CCL LOG FROM PBDT TO SURFACE. RD WL TRK. SWI.

REPORT DATE : 12/25/97 MD : 6,600 TVD : 0 DSS : 25 DOL : 24 MW : VISC :

DAILY DETAILS : RU WEDGE WIRELINE TRUCK. PERF 6488 - 6498', 2 SPF, USING 19 GRAM CHARGES VIA A 4" HOLLOW STEEL CARRIER. NO REACTION ON CSG. RIG DOWN WIRELINE TRUCK. RIH W/2 JTS 2 7/8" TAIL PIPE, ARROW MODEL HD PKR, & 203 JTS 2 7/8" TBG. EOT @ 6504'. SPOT 100 GAL 7.5% NEFE. PULL 3 JTS 2 7/8" TBG. EOT @ 6407'. SET PKR, PRESSURE BACK SIDE TO 1000 PSI. ACIDIZE PERFS 6488 - 6498' W/ 1500 GAL 25% NEFE HCL CONTAINING 1 GAL/1000 GAL CORROSION INHIBITOR AND CLAY STABILIZER. AVG RATE 3.9 BPM, MAX RATE 5 BPM, AVG PRESS 2250 PSI, MAX PRESS 2400 PSI. ISIP 1500 PSI, 5 MIN SI 1250 PSI. ON VAC IN 10 MIN. DROPPED 32 BALLS & HAD FAIR BALL ACTION. FORMATION BROKE @ 3000 PSI. RD PETROPLEX. 124 BLWTR. RU SWAB. BEGINNING FL 200' FROM SURFACE. REC 36 BLW. ENDING FL 6000' W/GAS POCKETS. LEFT WELL OPEN TO TANK. 88 BLWTR.

REPORT DATE : 12/30/97 MD : 6,600 TVD : 0 DSS : 26 DOL : 25 MW : VISC :

DAILY DETAILS : BEGINNING FL 5300' FROM SURFACE. SWABBED TO SN IN 2 SWAB RUNS. HAD SCATTERED FLUID & GAS POCKETS. WAITED 1 HR. BETWEEN RUNS & WELL DRIED UP. RECOVERED 8 BLW. 80 BLWTR.

REPORT DATE : 12/31/97 MD : 6,600 TVD : 0 DSS : 27 DOL : 26 MW : VISC :

DAILY DETAILS : UNSET PKR. TOH W/TBG & PKR. REMOVE PKR. RAN RETRIEVING HEAD & TBG. RAN RETRIEVING HEAD THRU PERS & KNOCKED BALLS OFF OF PERS. TOH W/TBG & SD

REPORT DATE : 1/1/98 MD : 6,600 TVD : 0 DSS : 28 DOL : 27 MW : VISC :

DAILY DETAILS : SD FOR NEW YEAR

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 1/2/98 MD : 6,600 TVD : 0 DSS : 29 DOL : 28 MW : VISC :

DAILY DETAILS : RAN ARROW COMPLETIONS HD PKR, 2 7/8" SN & 198 JTS 2 7/8" TBG. SET PKR @ 6350'. ND BOP & NU WELL HEAD. LOADED CSG W/80 BBLs 2% KCL WATER & TESTED TO 800 PSI. HELD OK. RD WSU.

REPORT DATE : 1/3/98 MD : 6,600 TVD : 0 DSS : 30 DOL : 29 MW : VISC :

DAILY DETAILS : SDFWE

REPORT DATE : 1/4/98 MD : 6,600 TVD : 0 DSS : 31 DOL : 30 MW : VISC :

DAILY DETAILS : SDFWE

REPORT DATE : 1/12/98 MD : 6,600 TVD : 0 DSS : 32 DOL : 31 MW : VISC :

DAILY DETAILS : RU BJ, LOADED CSG W/1 1/2 BBL 2% KCL WTR, PRESSURE TO 800 PSI & WOULD LEAK OFF IN 1 1/2 MIN. RIG PUMP TRK TO CSG & LOADED CSG W/27 BBL KCL WTR. PRESSURED TO 550 PSI & LEAKED TO 480 PSI IN 1 MIN. TESTED LINES TO 5500 PSI. PRESSURED CSG TO 900 PSI. LOADED TBG W/34 BBL KCL WTR. ESTABLISHED RATE OF 10 BPM @ 2120 PSI. PUMPED 5500 GAL MED-3000 PAD @ 10 BPM @ 2195 PSI. PUMPED 4600 GAL MED-3000 CONTAINING 23,000# 16/90 OTTAWA SAND. RAMPED FROM 2 TO 8 PPG 10.4 BPM @ 2204 PSI. PUMPED 275 GAL MED-3000 CONTAINING 2000# SAND 7.6 PPG & PRESSURE INCREASED QUICKLY TO 3030 PSI. STOPPED SAND. FLUSHED W/39 BBL. ISIP 1360 PSI. GOT 25,380# SAND INTO FORMATION. FLOWED BACK 4 1/2 BBL @ 1/2 BPM. ON VACUUM IN 9 MIN. RD BJ. AVG PRESS 2340 PSI, MAX PRESS 3030. AVG RATE 10.5 BPM, MAX RATE 10.5 BPM. 301 BLTR. LEFT WELL SI.

REPORT DATE : 1/13/98 MD : 6,600 TVD : 0 DSS : 33 DOL : 32 MW : VISC :

DAILY DETAILS : RU SWAB UNIT. BEGINNING FL 4200'. MADE 4 SWAB RUNS, FL TO 5500'. STARTED GETTING HEAVY SAND ON 2ND RUN. SWAB HUNG @ 6000'. WORKED 45 MIN. & SWAB CAME FREE. RECOVERED 9 BBL WATER. RD & RELEASE SWAB UNIT.

REPORT DATE : 1/14/98 MD : 6,600 TVD : 0 DSS : 34 DOL : 33 MW : VISC :

DAILY DETAILS : RU WSU. SD.

REPORT DATE : 1/15/98 MD : 6,600 TVD : 0 DSS : 35 DOL : 34 MW : VISC :

DAILY DETAILS : UNSET PKR, RAN IN HOLE & TAGGED UP @ 6360'. TOH W/TBG & REMOVE PKR. RAN 4 3/4" BIT, XOVER, & TBG. TAGGED UP @ 6328'. 32' HIGHER. PULLED 10 STDS TBG & CLOSE WELL IN. RU REVERSE UNIT & FILL TANK. SD.

REPORT DATE : 1/16/98 MD : 6,600 TVD : 0 DSS : 36 DOL : 35 MW : VISC :

DAILY DETAILS : DRILLED AND WASHED SAND FROM 6328' TO 6541'. CIRC HOLE CLEAN. PULLED 20 STDS 2 7/8" TBG & CLOSED WELL IN.



# WELL CHRONOLOGY REPORT

REPORT DATE : 1/17/98 MD : 6,600 TVD : 0 DSS : 37 DOL : 36 MW : VISC :

DAILY DETAILS : SDFWE

REPORT DATE : 1/18/98 MD : 6,600 TVD : 0 DSS : 38 DOL : 37 MW : VISC :

DAILY DETAILS : SDFWE

REPORT DATE : 1/19/98 MD : 6,600 TVD : 0 DSS : 39 DOL : 38 MW : VISC :

DAILY DETAILS : RAN IN HOLE & TAGGED UP @ 6541' (SAME TD AS 1/16/98). PULLED 4 JTS. EOT @ 6415'. RU SWAB. BEGINNING FL 5400'. SWABBED 5 1/2 HRS. & RECOVERED 22 BW W/FAIR AMOUNT OF SAND. RAN IN HOLE & TAGGED UP @ 6528'. HAD 13 ADD'L SAND FILL. RESUMED SWABBING. SWABBED ADD'L 3 HRS. SAND WAS DECREASING. RECOVERED TOTAL OF 35 BW. ENDING FL 5900'. CLOSED WELL IN.

REPORT DATE : 1/20/98 MD : 6,600 TVD : 0 DSS : 40 DOL : 39 MW : VISC :

DAILY DETAILS : RAN IN HOLE TO 6528' & TAGGED UP ON SAND. WASHED & DRILLED SAND TO 6541'. CIRC HOLE CLEAN. TOH W/TBG & REMOVED BIT. RAN 1 JT. 2 7/8" TBG W/NOTCHED COLLAR & SMALL GAS VENTS IN TOP, SN, 2 JTS 2 7/8" TBG. TAC & REMAINING TBG. ND BOP & NU WELL HEAD. SET TAC IN 15,000# TENSION. EOT @ 6291', SN @ 6260' & TAC @ 6197'. RAN 25X125 RHBC 20X2XO PUMP W/12" STRAINER NIPPLE, 8 - 1 1/2" K BARS & 162 3/4" RODS. SI.

REPORT DATE : 1/21/98 MD : 6,600 TVD : 0 DSS : 41 DOL : 40 MW : VISC :

DAILY DETAILS : LD 3-3/4" RODS, MADE TOTAL OF 159 3/4" RODS. RAN 80 7/8" RODS, 4'X7/8" SUB, 22'X1 1/2" POLISH ROD. HUNG WELL ON. LOADED TBG W/18 BBLS WATER. PUMP PRESSURED TO 500 PSI. HELD OK. RD & RELEASE WSU. WELL PUMPING @ 11:00 AM TO TEST TANK.

REPORT DATE : 1/22/98 MD : 6,600 TVD : 0 DSS : 42 DOL : 41 MW : VISC :

DAILY DETAILS : 0 BO, 71 BW, NO MCF IN 20 HOURS.

REPORT DATE : 1/23/98 MD : 6,600 TVD : 0 DSS : 43 DOL : 42 MW : VISC :

DAILY DETAILS : 0 BO, 97 BW, NO MCF IN 24 HOURS.

REPORT DATE : 1/24/98 MD : 6,600 TVD : 0 DSS : 44 DOL : 43 MW : VISC :

DAILY DETAILS : 0 BO, 89 BW, NO MCF IN 24 HOURS.