

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas
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 K, 1980' FSL & 1980' FWL, Sec. 20, T19S, R32E

5. Lease Designation and Serial No.

NM LC065710A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Lusk West (Delaware) Unit

8. Well Name and No.

011

9. API Well No.

30-025-34173

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

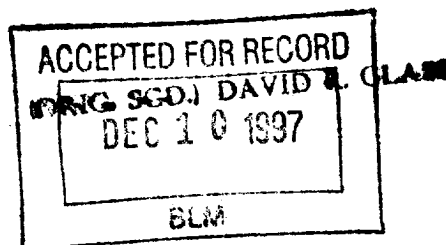
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Drilling
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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: Lusk Deep Unit "A" #23

See Attached Chronology Report



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

Signed Jeanie Dodd Title Engineering Tech

Date 12/3/97

(This space for Federal or State office use)

Approved by _____ Title _____

Conditions of approval, if any: _____

Date _____

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

PERC**WELL CHRONOLOGY REPORT**

WELL NAME : LUSK WEST DELAWARE UNIT #011		WELL ID # : <u>924998011</u>	
OPERATOR : <u>PIONEER NATURAL RESOURCES</u>		DISTRICT :	
FIELD : <u>LUSK WEST (DELAWARE)</u>		LOCATION : <u>UL K, 1980' FSL & 1980' FWL, SEC. 20, T19S, R</u>	
COUNTY & STATE : <u>LEA</u> <u>NM</u>		CONTRACTOR :	
NWI WI% : <u>90.93620</u>	AFE# : <u>317070</u>	API# : <u>30-025-34173</u>	PLAN DEPTH : <u>7,200</u>
DHC : <u>\$287,350</u>	CWC : <u>\$132,100</u>	AFE TOTAL : <u>\$419,450</u>	SPUD DATE : <u>11/10/97</u>
			FORMATION : <u>BRUSHY CANYON</u>

REPORT DATE : 11/11/97 **MD :** 325 **TVD :** 0 **DSS :** 1 **DOL :** 0 **MW :** 8.3 **VISC :** 28

DAILY DETAILS :**1ST REPORT:**

DIRECTIONS: GO WEST OUT OF HOBBS, NM ON HWY 62-180 FOR 37 MILES TO NM HWY 243, TURN RT ON 243 FOR 4.7 MILES. TURN RIGHT ON THE LUSK FIELD ROAD. GO 4.3 MILES, THEN TURN RIGHT (EAST) FOR 0.8 MILES, THEN TURN NORTH 0.5 MILES TO RIG.

MIRU LAKOTA DRLG CO. RIG #4. SPUDDED @ 6:00 PM ON 11/10/97.

REPORT DATE : 11/12/97 **MD :** 325 **TVD :** 0 **DSS :** 2 **DOL :** 1 **MW :** 8.3 **VISC :** 28

DAILY DETAILS : REPAIRING ROTARY.

REPORT DATE : 11/13/97 **MD :** 795 **TVD :** 0 **DSS :** 3 **DOL :** 2 **MW :** 8.5 **VISC :** 29

DAILY DETAILS : FINISH REPAIRING ROTARY TABLE, DRLG FROM 325' TO 682'. SURVEY 1 DEG @ 682', DRLG FROM 682' TO 795'. ART: DRLG.

REPORT DATE : 11/14/97 **MD :** 850 **TVD :** 0 **DSS :** 4 **DOL :** 3 **MW :** 9.8 **VISC :** 28

DAILY DETAILS : DRLG 795' TO 850', SURVEY 1 1/2 DEG @ 850'. CIRC & PUMPED SWEEP. TOH. RU BULL ROGERS CSG CREW. RUN 19 JTS 13 3/8" CSG. RU BJ, CMT CSG. CIRC 240 SX CMT. RAN 7 CENT. PLUG DOWN @ 4:15 PM 420 PSI. FLOAT HELD. CUT OFF CSG & WELDED ON WELLHEAD. NU. ART: DRLG CMT.

CSG & CMT DETAIL:

1-13 3/8" TEX PATTERN SHOE J55 STC

1.00

1-13 3/8" SHOE JT. 54.5# J55 STC

45.20

19-13 3/8" 54.5# J55 STC CSG.

809.07

TOTAL CSG

855.27

CUT OFF

24.27

CSG LEFT IN HOLE

831.00

KB

17.00

CSG LANDED KB

848.00

RAN 7 CENT. LOCKED 1ST IN PLACE W/LIMIT RING JUST ABOVE GUIDE SHOE, FOLLOWED BY ONE EVERY 4TH COLLAR. #19, 15, 11, 7, 4 & 2.

CMT W/475 SX 35.65 POZ CL "C" + 6% GEL + 5% SALT + .25#/SX CELLOFLAKES, WT 12.7 PPG, YIELD 1.94 CUFT/SK, WTR - 10.48 GAL/SX. TAIL: W/200 SX "C" NEAT + 2% CACL2 + 2.5#/SX CELLOFLAKES. WT 1444.86 PPG, YIELD 1.32 CUFT/SX, WTR - 6.32 GAL/SX.

REPORT DATE : 11/15/97 **MD :** 1,880 **TVD :** 0 **DSS :** 5 **DOL :** 4 **MW :** 10.0 **VISC :** 29

DAILY DETAILS : DRLG CMT, INSTALL ROTARY HEAD. DRLG 850' TO 979'. SURVEY 1 DEG @ 979'. DRLG 979' TO 1468'. SURVEY 3/4 DEG @ 1426'. DRLG 1468' TO 1880'. ART: DRLG W/FULL RETURNS.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 11/16/97 MD : 2,434 TVD : 0 DSS : 6 DOL : 5 MW : 9.9 VISC : 29

DAILY DETAILS : DRLG 1877' TO 1939'. SURVEY 2 1/2 DEG @ 1899'. DRLG 1939' TO 2127', SURVEY 2 1/2 DEG @ 2085'. DRLG 2127' TO 2220', SURVEY 3 1/2 DEG @ 2189'. DRLG 2220' TO 2376', SURVEY 2 3/4 DEG @ 2399'. DRLG 2376' TO 2434'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 11/17/97 MD : 2,751 TVD : 0 DSS : 7 DOL : 6 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG 2434' TO 2439'. SR. DRLG 2439' TO 2751'. DRLG 14' TO 16' P/HR W/FULL RETURNS.

REPORT DATE : 11/18/97 MD : 3,460 TVD : 0 DSS : 8 DOL : 7 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG 2751' TO 2782'. SR. DRLG 2782' TO 2844'. SURVEY 2 1/4 DEG @ 2844'. DRLG 2844' TO 2990'. LOST FULL RETURNS @ 2990'. (DRLG BREAK 2990' TO 2993'). DRY DRLG 2990' TO 3460'. DRLG W/NO RETURNS. PUMPED 225 BBLs LCM IN SWEEPS (24 HRS.) LOST SURVEY WAS 2 1/4 DEG @ 3242'.

REPORT DATE : 11/19/97 MD : 4,205 TVD : 0 DSS : 9 DOL : 8 MW : 8.5 VISC : 28

DAILY DETAILS : DRLG 3460' TO 3487'. SR. DRLG 3487' TO 3723'. SURVEY 2 1/4 DEG @ 3723'. DRLG 3723' TO 4205'. CIRC. TD 12 1/4" HOLE @ 7:00 AM. DRLG 2990' TO 4205' WITH NO RETURNS, LOSS 200 + BBLs. MUD IN SWEEPS. ART: CIRC. FOR SHORT TRIP. NO TIGHT SPOTS FROM 2999' TO TD. INCURRED WHILE DRLG.

REPORT DATE : 11/20/97 MD : 4,205 TVD : 0 DSS : 10 DOL : 9 MW : 8.5 VISC : 28

DAILY DETAILS : CIRC. SHORT TRIP. CIRC, TOH & LD 7-8" DC'S. RU CSG CREW & RAN CSG. & CMT. BUMP PLUG @ 1:30 AM ON 11/19/97 960 PSI. OPEN DV TOOL 950 PSI. PUMPED 30 BBLs F/WATER. RU ON RIG PUMP. PUMPED 200+ BBLs F/WATER. SD WOC 4 HRS. ON 11/20/97 PUMPED 2ND STAGE CMT. BUMP PLUG CLOSING DV TOOL 1600 PSI. RD BJ. WOC. CUT OFF CSG. SET SLIPS, INSTALL CSG HEAD. NU BOP.
CSG & CMT DETAIL:
1-8 5/8" GUIDE SHOE STC 1.45
1-8 5/8" 32# J55 CSG STC 43.93
1-8 5/8" FLOAT COLLAR STC 1.20
35-8 5/8" 32# J55 CSG 1539.39
1-8 5/8" DV TOOL 2.55
10-8 5/8" 32# J55 CSG 482.48
49-8 5/8" 24# J55 STC 2137.76
TOTAL CASING 4208.76
CUT OFF 21.76
CASING LEFT IN HOLE 4187.00
KB 17.00
CASING LADED KB 4204.00
RAN 2 CENTERLIZERS: RAN 95 JTS. 8 5/8" CSG THREAD LOCKED SHOE, FLOAT COLLAR, 3 JTS. CSG., DV TOOL @ 2620.29'.
CMT 1ST STAGE: W/685 SX 50-50 POZ CLASS C + 10% GEL + .5% SALT, 11.92 PPG, YIELD. TAIL W/200 SXS CLASS C NEAT + 1% CACL 14.81 PPG, YIELD. 2ND STAGE: W/825 SXS 50-50 POZ CLASS C + 10% GEL + 5% ALT, 11.92 PPG, YIELD 2.35. TAIL W/150 SX CLASS C NEAT + 2% CACL 14.81 PPG YIELD 1.33. FLOAT HELD OK.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 11/21/97 MD : 4,505 TVD : 0 DSS : 11 DOL : 10 MW : 8.4 VISC : 28

DAILY DETAILS : NU BOP, TESTING CSG & RAMS TO 600 PSI.(OK). TIH. DRLG CMT & DV TOOL. TIH. DRLG OUT CMT & FLOAT COLLAR & SHOE. TESTED CSG TO 1000 PSI. OK. DRLG NEW FORMATION 4205' TO 4263'. RAN SURVEY 2 DEG @ 4231'. DRLG 4263' TO 4505'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 11/22/97 MD : 5,145 TVD : 0 DSS : 12 DOL : 11 MW : 8.0 VISC : 28

DAILY DETAILS : SR, DRLG 4505' TO 4732'. SURVEY 2 1/2 DEG @ 4701'. DRLG 4732' TO 5145'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 11/23/97 MD : 5,820 TVD : 0 DSS : 13 DOL : 12 MW : 8.4 VISC : 28

DAILY DETAILS : DRLG 5145' TO 5233'. SR & SURVEY 1 1/4 DEG @ 5190'. DRLG 5233' TO 5660'. SURVEY 2 DEG @ 5660'. DRLG 5660' TO 5820'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 11/24/97 MD : 6,350 TVD : 0 DSS : 14 DOL : 13 MW : 8.5 VISC : 36

DAILY DETAILS : DRLG 5820' TO 5831'. SR. DRLG 5831' TO 6139'. SURVEY 2 DEG @ 6139'. DRLG 6139' TO 6350'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 11/25/97 MD : 6,630 TVD : 0 DSS : 15 DOL : 14 MW : 8.7 VISC : 36

DAILY DETAILS : DRLG 6350' TO 6358'. SR. DRLG 6358' TO 6630'. CIRC 1 HR. SHORT TRIP. CIRC 1 3/4 HRS. RU & LDDP. ART: TD @ 6630' @ 11:30 PM ON 11/24/97.

REPORT DATE : 11/26/97 MD : 6,630 TVD : 0 DSS : 16 DOL : 15 MW : 8.7 VISC : 36

DAILY DETAILS : LD DP & DC'S. RU HLS & LOG WELL. RU & RUN 5 1/2" CSG. RU BJ, CEMENT, ND BOP. CUT OFF CSG & WELD ON 5 1/2" HEAD. JET PITS. PLUG DOWN @ 11:00 PM ON 11/25/97. FLOAT HELD. CIRC 31 BBLs CMT TO PIT. RELEASE RIG AT 7:00 AM ON 11/26/9.

CASING DETAIL:

1-5 1/2" GUIDE SHOE	.75
1-5 1/2" CSG SHOE JT 15.50 J55 LTC	32.94
1-5 1/2" FLOAT COLLAR	1.50
152- 5 1/2" 15.50# J55 LTC CSG	6591.91
TOTAL CASING	6632.10
CUT OFF	19.10
CASING LEFT IN HOLE	6613.00
KB	17.00
CASING LANDED KB	6630.00

RAN 6 CENTERLIZERS: CENTERLIZER ON JT #150, 142, 138, 134, 130. THREADLOCKED SHOE, FLOAT JT, FLOAT COLLAR & BTM TWO JTS.

CEMENT DETAIL:

CEMENTED W/900 SX 50-50 POZ CL"C" + 2% GEL + 5% FL62, WT = 11,92 PPG, YIELD 1.25 CU FT/SX