

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil
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 915 571-3976

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UL A, 330' FNL & 330' FEL, Sec. 29, T19S, R32E

5. Lease Designation and Serial No.

NM LC063586

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lusk West 901
(Delaware) Unit

9. API Well No.

30-025-30518

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

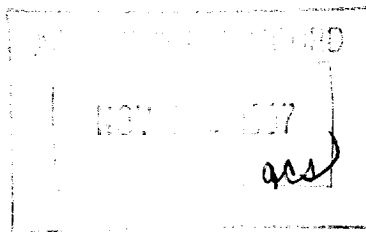
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other SPUD/SET CASING
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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: Southern California Federal Unit #11

See Attached



RECEIVED
BUREAU OF LAND MANAGEMENT
HOBBS, NM
NOV 24 P 3:36

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

Signed Jeanne Dodd Title Operations Engineer

Date 11/21/97

(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

WELL CHRONOLOGY REPORT

WELL NAME : LUSK WEST DELAWARE UNIT #901OPERATOR : PIONEER NATURAL RESOURCESFIELD : LUSK WEST (DELAWARE)COUNTY & STATE : LEANWI WI% : 0.89318AFE# : 317064API# : 30-025-34131DHC : \$287,350CWC : \$132,100AFE TOTAL : \$419,450WELL ID # : 924998901

DISTRICT :

LOCATION : 330' FEL & 339' FNL, SEC. 29, T19S, R32E

CONTRACTOR :

PLAN DEPTH : 7,200SPUD DATE : 10/24/97FORMATION : BRUSHY CANYONREPORT DATE : 10/25/97 MD : 417TVD : 0DSS : 1DOL : 0 MW : 8.3VISC : 28DAILY DETAILS : FIRST REPORT

GO WEST OUT OF HOBBS, NM ON HWY 621180 FOR 37 MILES TO NM HWY 243 TURN RIGHT ON NM 243 FOR 4.7 MILES. TURN RIGHT ON THE LUSK FIELD ROAD 4.3 MILES, TURN RIGHT (EAST) 8/10 MILE. TURN NORTH 4/10 MILE TO RIG.

SPUDDED LAKOTA RIG #4 @ 9:00 PM 10/24/97. DRLG 40' TO 284' W/ 17 1/2" BIT, SURVEY 1 DEG @ 242'. DRLG 280' TO 417' W/FULL RETURNS.

REPORT DATE : 10/26/97 MD : 850TVD : 0DSS : 2DOL : 1 MW : 8.4VISC : 28

DAILY DETAILS : DRLG 417' TO 528', SR. DRLG FRM 528' TO 680'. SURVEY 1 1/4 DEG @ 649'. DRLG FRM 680' TO 850' (TD), SURVEY 1 3/4 @ 850'. CIRC & SWEEP HOLE CLEAN W/FULL RETURNS. TOH W/DRILL STRING. RU & RIH W/19 JTS. 13 3/8" 54.5# J-55 STC CSG TO 856.91'. BREAK CIRC & START PUMPING CEMENT.

REPORT DATE : 10/27/97 MD : 850TVD : 0DSS : 3DOL : 2 MW : 9.9VISC : 29

DAILY DETAILS : RU BJ, PUMPED CMT. PLUG DOWN 8:00 AM, CIRC 159 SX OF CMT TO SURFACE. FLOAT HELD OK. WOC 4 HRS. INSTALLING 13 3/8" SLIP ON WELDED HEAD 2000 PSI. LARKIN TO 8 5/8". NU BOP. TESTED CSG & BOP TO 600 PSI 30 MIN. CSG. TESTED OK. DRLG CMT @ 845'.
CSG & CEMENT DETAIL:

1-13 3/8" SHOE 1.00

1-13 3/8" CSG SHOE JT 42.91

1-13 3/8" FLOAT COLLAR .95

18-13 3/8" 54.5# CSG J55 STC 811.79

TOTAL CSG 856.65

CUT-OFF 23.65

CSG LEFT IN HOLE 833.00

KB 17.00

CSG LANDED KB 850.00

RAN 6 CENTERLIZERS LOCKED 1ST CENT. IN PLACE JUST ABOVE GUIDE SHOE, FOLLOWED BY 1 EVERY 4TH COLLAR. #19, 15, 11, 7, 4, 1.

CEMENT W/475 SKS 35.65 POZ CLASS "C" + 6% GEL + 5% SALT + .25#/SX CELLOFLAKES, WT 12.7 PPG, YIELD 1.94 CU FT/SX WTR = 10.48 GAL/SX. TAIL W/200 SXS "C" NEAT + 2% CACL2 + .25 #/SX CELLOFLAKES. WT. 14.84 PPG. YIELD- 1.32 CU FT/SX, WTR = 6.32 GALS/SX.

REPORT DATE : 10/28/97 MD : 2,100TVD : 0DSS : 4DOL : 3 MW : 9.9VISC : 28

DAILY DETAILS : DRLG 850' TO 857'. SERVICE RIG. TEST RAMS & CSG. DRLG 857' TO 1319', SURVEY @ 1 DEG. DRLG 1319' TO 1817', SURVEY @ 1 1/2 DEG. DRLG 1817' TO 2100'. ART: DRLG W/FULL RETURNS.

WELL CHRONOLOGY REPORT

REPORT DATE : 10/29/97 MD : 2,695 TVD : 0 DSS : 5 DOL : 4 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG 2100' TO 2204'. SR. DRLG 2204' TO 2329', SURVEY 2 3/4 DEG @ 2287'. DRLG 2329' TO 2610', SURVEY 2 3/4 DEG @ 2610'. DRLG 2610' TO 2695' WITH FULL RETURNS AT REPORT TIME.

REPORT DATE : 10/30/97 MD : 3,350 TVD : 0 DSS : 6 DOL : 5 MW : 10.0 VISC : 29

DAILY DETAILS : DRLG 2695' - 2894', SURVEY 2 3/4 DEG @ 2894'. DRLG 2894 - 3350'. PUMPED 225 BBLS MUD TO SWEEP HOLE. DRLG W/FULL RETURN @ 3350'.

REPORT DATE : 10/31/97 MD : 4,060 TVD : 0 DSS : 7 DOL : 6 MW : 8.5 VISC : 29

DAILY DETAILS : DRLG 3350 TO 362. CIRC & CONDITION MUD, WORK TIGHT HOLE. DRLG 3362 TO 3393, SURVEY 2 3/4 DEG @ 3351'. DRLG 3393 TO 3458. LOST FULL RETURNS @ 3409'. CIRC & CONDITION MUD, WORK TIGHT HOLE. DRY DRLG 3458 TO 3680, @ 3680' REGAINED 50% TO 60% RETURNS @ 3840' LOST 100% RETURNS. DRLG 3840 TO 4060'. ART: DRY DRLG @ 4060' WITH NO RETURNS. PUMPING 25-30 BBLS, SWEEP EVERY 60'. PUMPED 530 BBLS MUD IN SWEEPS.

REPORT DATE : 11/1/97 MD : 4,200 TVD : 0 DSS : 8 DOL : 7 MW : 8.5 VISC : 29

DAILY DETAILS : DRLG 4060 TO 4083'. SR. DRLG 4083 TO 4200' TD. 12 1/4" HOLE. CIRC. & PILL, MADE SHORT TRIP TO 3000'. TIH CIRC., SPOTTED #2 PILL. TOH. RU LD MACHINE & LD 2-8" DC'S. RU CSG CREW. RAN 95 JTS. 8 5/8" CSG. W/ DV TOOL @ 2622.46'. CIRC HOLE. RU BJ, PUMPED 1ST STAGE 685 SX 50-50 POZ CLASS "C" + 10% GEL + 5% SALT. TAIL W/200 SXS CL"C" NEAT + 1% cACL2. PLUG DOWN @ 3:15 AM. FLOAT HELD. OPEN DV TOOL, 880 PSI. PUMPED 25 BBLS F/W. RU RIG MUD PUMP. PUMPED 20 TO 30 BBLS & REGAINED FULL RETURNS. CIRC @ 350#. WOC 4 HRS.

CSG - TREADLOCK - SHOE FLOAT JT. FLOAT COLLAR, BTM THREE JTS. & DV TOOL @ 2622.46'.

CSG & CMT DETAILS:

1 8 5/8" GUIDE SHOE 1.45

1 8 5/8" 8 5/8" J55 32# CSG 43.81

1 8 5/8" FLOAT COLLAR 1.20

35 8 5/8" 32# J55 STC CSG. 1532.34

1 8 5/8" DV TOOL 2.55

8 8 5/8" 32# J55 STC CSG 351.54

51 8 5/8" 24 J55 STC CSG 2270.92

TOTAL CASING 4203.81

CUT OFF 21.40

CSG LEFT IN HOLE 4182.41

KB 17.00

CSG LANDED KB 4199.41

RAN 2 CENTERLIZERS: 1 ABOVE AND 1 BELOW DV TOOL ON JTS #35 & 37.

1ST STAGE CMT W/685 SXS 50-50 POZ CL"C" + 10% GEL + 5% SALT. 11.92 PPG, YIELD. TAIL: 200 SXS CL"C" NEAT + 1% cACL2 14.81 PPG YIELD. BUMP PLUG @ 3:15AM. OPEN DV TOOL 880 PSI, PUMPED 25 BBLS F/W.

2ND STAGE CMT W/825 SXS 50-50 POZ CL"C" + 10% GEL + 5% SALT. 11.92 PPG YIELD. TAIL W/150 SX CL"C" NEAT + 2% cACL2 14.81 PPG YIELD 1.33, BUMP PLUG, CLOSING DV TOOL 1600 PSI. PLUG HELD.

WELL CHRONOLOGY REPORT

REPORT DATE : 11/2/97 MD : 4,336 TVD : 0 DSS : 9 DOL : 8 MW : 8.3 VISC : 28

DAILY DETAILS : 1/4 HR. WOC, BJ PUMPED 2ND STAGE. LEAD 825 SXS 50-50 POZ CL"C" + 10% GEL + 5% SALT. TAIL W/150 SX CL"C" NEAT + 2% CALC2. PLUG DOWN @ 8:50 AM 11-1-97. PLUG HELD. FULL RETURNS WHILE PUMPING 2ND STAGE. ND BOP & WELD ON HEAD. TESTED RAMS & CSG TO 1200 PSI 30 MIN. OK. TIH & PU 5-6 DC, TAG CMT @ 2592' 30' ON PLUG. DRLG OUT CMT & DV TOOL. TESTED CSG TO 1000 PSI. OK. RAN DP TO BTM, TAG CMT @ 4129'. DRLG CMT, TESTED CSG, OK 1000 PSI. DRLG 4200' TO 4296'. SURVEY 2 DEG @ 4286'. DRLG 4996' TO 4336'. ART: DRLG @ 4336 W/FULL RETURNS.

REPORT DATE : 11/3/97 MD : 4,980 TVD : 0 DSS : 10 DOL : 9 MW : 8.3 VISC : 28

DAILY DETAILS : DRLG 4346 TO 4390. SR. DRLG 4390 TO 4762. SURVEY 1 3/4 DEG @ 4762'. DRLG 4762 TO 4980. ART: DRLG W/FULL RETURNS. NO MUD LOG REPORT.

REPORT DATE : 11/4/97 MD : 5,696 TVD : 0 DSS : 11 DOL : 10 MW : 8.6 VISC : 28

DAILY DETAILS : DRLG @ 5696', MADE 716' IN 23 1/4 HRS. DRLG 4980' TO 4990', SR. DRLG 4990' TO 5227'. SURVEY 3/4 DEG @ 5227'. DRLG 5227' TO 5696'. ART: TRIP FOR HOLE IN DP.

REPORT DATE : 11/5/97 MD : 6,198 TVD : 0 DSS : 12 DOL : 11 MW : 8.6 VISC : 34

DAILY DETAILS : SURVEY 1/2 DEG @ 5696'. TRIP FOR HOLE IN DP (132 JTS. DOWN). TIH W/BIT #4 VAREL537CRR #131771. DRLG 5696' TO 6198'. SURVEY 1/2 DEG @ 6153'.

REPORT DATE : 11/6/97 MD : 6,620 TVD : 0 DSS : 13 DOL : 12 MW : 8.7 VISC : 35

DAILY DETAILS : DRLG 6198' TO 6324'. SR. DRLG 6324' TO 6595'. TOH W/46 JTS. FOR HOLE IN DP. TIH. DRLG 6595' TO 6620'. ART: DRLG W/FULL RETURNS.

REPORT DATE : 11/7/97 MD : 6,887 TVD : 0 DSS : 14 DOL : 13 MW : 8.9 VISC : 34

DAILY DETAILS : DRLG 6620' TO 6639'. SURVEY 3/4 DEG @ 6639'. TOH FOR BIT #5. TIH W/ BIT #5. DRLG 6639' TO 6662'. TRIP FOR HOLE IN DP 26 JTS. DOWN. DRLG 6662' TO 6887'. ART: DRLG 5-6 MIN/FT. W/FULL RETURNS.

REPORT DATE : 11/8/97 MD : 6,927 TVD : 0 DSS : 15 DOL : 14 MW : 9.0 VISC : 34

DAILY DETAILS : DRLG 6782' TO 6793'. RR, DRLG 6793' TO 6825'. SR. DRLG 6825' TO 6927'. TD @ 5:00 PM 11/7/97. CIRC. HOLE. SHORT TRIP 10 STDS. CIRC. & MIX MUD. DROP SURVEY 1 DEG @ 6927'. TOH. ART: LOGGING.

WELL CHRONOLOGY REPORT

REPORT DATE : 11/9/97 MD : 6.927 TVD : 0 DSS : 16 DOL : 15 MW : 9.0 VISC : 35

DAILY DETAILS : LOGGING. TIH, CIRC. TOH LD DP & DC. RU ALLEN'S CASING CREWS. RUN 158 JTS. CSG. RU BJ SERVICES. CEMENTED. DISPLACE CMT W/10 BBLS FRESH WATER. FOLLOWED BY 154 BBLS 2% KCL. PLUG DOWN @ 6:07 AM 11/9/97. FLOAT HELD. ART: ND BOP.

CASING & CEMENT DETAIL:

1- 5 1/2" GUIDE SHOE	.75
1-5 1/2" CSG SHOE JT. 15.50# J55 LTC	44.90
1-5 1/2" FLOAT COLLAR LTC	1.50
157-5 1/2" 15.50# J55 LTC CSG	6887.57
TOTAL CASING	6934.72
CUT OFF	24.72
CSG LEFT IN HOLE	6910.00
KB	17.00
CSG LANDED KB	6927.00

RAN 10 CENTERLIZERS: 1ST 10' UP FROM BTM. HELD INPLACE BY LIMIT RING. 1 JT. ABOVE FLOAT COLLAR. 1 JT. #150, 146, 142, 138, 134, 130, 126, 122. THREADLOCK SHOE, FLOAT JT. & BTM 3 JTS. CEMENTED W/900 SKS 50-50 POZ CL"C" + 2% GEL + 5% FL-62. YIELD 1.25 CU FT/SX, WTR 13.41 GALS/SX. DISPLACE CEMENT W/10 BBLS FRESH WATER. FOLLOWED BY 154 BBLS 2% KCL.

REPORT DATE : 11/10/97 MD : 6.927 TVD : 0 DSS : 17 DOL : 16 MW : 9.0 VISC : 35

DAILY DETAILS : ND, SET SLIPS. CUT OFF & WELD ON 5 1/2" WELLHEAD. JETED PITS. RU JSI WIRELINE & RUN TEMP SURVEY TOP OF CEMENT @ 32'. RELEASE RIG @ 11:00 AM ON 11/997.

REPORT DATE : 11/11/97 MD : 6.927 TVD : 0 DSS : 18 DOL : 17 MW : 9.0 VISC : 35

DAILY DETAILS : WO COMPLETION