

November 1983
Form 100-9-331

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Expires August 11, 1985
LEASE DESIGNATION AND SERIAL

NM-02861

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—" for such proposals.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P.O. Box 671 - Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

975' FSL & 1665' FWL

14. PERMIT NO

15. ELEVATIONS (Show whether OF, RT, GR, etc.)

6505' GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lodewick

9. WELL NO.

13

10. FIELD AND POOL OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 19 T27N R9W

12. COUNTY OR PARISH 13. STATE

San Juan NM

16. CHECK appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ OR ALTER CASING ☐

FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐ CHANGE PLANT ☐

(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT ☒

(Other) ☐

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

17. 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.)

6/1 MI RU PETRO WELL SERV. RIG 3, NO TREE, NU BOP. TSTD BOP TO 1500 PSI, OK. PICKED UP 3-7/8" BIT, 4 3-1/4" DC'S & 59 JTS 2-3/8" 4.70# J-55 BRD EUE TBG, TAGGED CMT @ 1944'. DRLD MED TO HARD CMT FRM 1944' TO DV COLLAR @ 1948'. RE-PACKED POWER SWIVEL. DRLD OUT DV COLLAR FRM 1948-1950'. CIRC CLEAN, SECURE WELL. SDON.

6/2 PRES TSTD CSG TO 1500 PSI, OK. RIH W/2-3/8" TBG & TAGGED CMT @ 2318'. DRLD SOFT CMT TO 2321' & CIRC PRES INCR 800 PSI WHILE REVERSING. ATTEMPTED TO CIRC CONVENTIONALLY TO REMOVE PLUG - NO SUCCESS. POH & FOUND 2 LARGE PCS OF METAL FRM DV TOOL ABOVE BIT IN BTM OF COLLARS. RIH W/NEW 3-7/8" BIT & DRLD MED TO HARD CMT FRM 2321' TO FLOAT COLLAR @ 2339'. DRLD OUT FLOAT CLR & DRLD HARD CMT FRM 2340-2380' ETD. CIRC CLEAN. DISPL HOLE W/50 BBLs 2X KCL H2O. SECURE WELL. SDON.

6/4 SWBD FLUID DN TO 1425'. POH, LAYED DN TBG & DC'S. NO BOP, NU TREE. RD MO PU. WELL SHUT IN WO PERF & FRAC.

6/22 RU BLUE JET PERFORATORS. RAN GR-CCL LOG FROM PBTD 2379' TO 1900' CORRELATED W/HALLIBURTON SPECTRAL DENSITY LOG DTD 4/29/90. PERFORATED FRUITLAND COAL W/3-1/8" CSG GUN 90° PHASING 4 SPF 0.46" HOLES FROM 2231'-2320'. TOTAL 132 HOLES. RD BLUE JET. SI WO FRAC.

6/30 HOWCO FOAM FRAC'D FRUITLAND COAL 2231-2320' ON 4-1/2" CSG W/20,355 GAL 30# BXL GEL, 200,000# 20/40 SD & 624 MSCF N2 (502-309 SCF/BBL) FOR 67-73% FOAM W/0-8 PPG SD. PMPD @ 40-42 BPM/1768-2290#. ISIP 1090, 5/1077, 10/1058, 15/1053, 30/1049. TLTR = 484 BBLs. 6 HR SIP, 1150#. OPEN TO PIT ON 8/64" CHK & FLWD 12 HRS, FCP 300-0/5 HRS W/WTR RATE OF 6-1 BPH/5 HRS, THEN 1 BPH LAST 7 HRS. LEFT WELL OPEN TO PIT.

7/1 FLWG. NO FRAC TREE & NU BOP. RIH W/2-3/8" TBG W/NOTCHED COLLAR & SN. HIT SD BRIDGE @ 1865', CIRC & WASHED OUT SD BRIDGES TO 2379' (PBTD). CIRC WELL CLEAN. PU & LANDED 72 JTS (2246') 2-3/8" 4.7#, J-55 BRD EUE NEW SHLS TBG W/NOTCHED COLLAR @ 2259' & SN @ 2258'. NO BOP. NU WELLHEAD. MADE TWO SWB RUNS & WELL STARTED FLWG @ 290 PSI FTP ON 24/64" CHK @ 6:00 PM MST 7-1-90. FLWD @ RATE OF 50-30-10 BLW/H FIRST 3 HRS, 2 BLW/HR AFTER 11 HRS. FCP 390-200 PSI, FTP 290-0 PSI. TR 154 OF 484 BTL.

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

SIGNED

Charlotte Beeson

TITLE

Drilling Clerk

DATE

6-5-90

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

JUL 26 1990

FARMINGTON RESOURCE AREA

BY

[Signature]

*See Instructions on Reverse Side

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.