

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
Other instructions on re-
verse side

Expires August 31, 1985
LEASE DESIGNATION AND SERIAL

NM-02861

IF INDIAN, ALLOTTEE OR TRIBE NAME

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.

1. WELL ☐ GAS ☐ WELL ☒ OTHER ☐	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Union Oil Company of California	8. FARM OR LEASE NAME Lodewick
3. ADDRESS OF OPERATOR P.O. Box 671 - Midland, TX 79702	9. WELL NO. 15
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below. At surface 1840' FSL & 875' FWL	10. FIELD AND POOL OR WILDCAT Basin Fruitland Coal
5. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T27N, R9W
6. ELEVATIONS (Show whether DP, RT, GR, etc.) 6514' GR	12. COUNTY OR PARISH San Juan
	13. STATE NM

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO TEST WATER PRODUCTION OR FRAC TREATMENT SHOOT OR ACIDIZE REPAIR WELL (Other)		SUBSEQUENT REPORT OF: WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)		REPAIRING WELL ALTERING CASING ABANDONMENT*	
☐ TEST WATER PRODUCTION ☐ FRAC TREATMENT ☐ SHOOT OR ACIDIZE ☐ REPAIR WELL ☐ (Other)		☐ WATER SHUT-OFF ☐ FRACTURE TREATMENT ☐ SHOOTING OR ACIDIZING ☐ (Other)		☐ REPAIRING WELL ☐ ALTERING CASING ☐ ABANDONMENT*	
JUL 2 1990 OIL CON. DIV.		Completion Work ☒			
NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.					

5/22 MI RU PETRO WELL SERVICE.
5/23 RIH W/3-7/8" BIT, 4 3-1/8" DC'S TO 1932'. TSTD 4-1/2" CSG & BOP TO 1500 PSI, OK. DRLD PLUG CMT & DV TOOL. TIN TO 2330'. DRLD CMT TO 2332', INCOMP. TSTD DV TOOL TO 1500 PSI, OK. SDON.
5/24 POOH W/3-7/8" BIT. NO PLUG IN H2O COURSE. CHECKED PHP LINES & DC'S - NO PLUG. RIH W/NEW 3-7/8" SMITH BIT. FIN DRLG OUT RUBBER PLUG & FC @ 2332'. BIT FELL FREE TO 2348'. DRLD HARD CMT F/2348' TO NEW PBTD 2372'. CIRC HOLE CLEAN. PRESS TSTD CSG TO 1500 PSI, HELD IN 15 MIN, OK. CIRC HOLE W/50 BBLS 2% KCL H2O. SWBD F-LVL DOWN TO 1475'. POOH, LD TRC & DC'S. NO BOP'S. NU TREE. SECURE WELL. RDPU.
5/31 MI RU PU. ND TREE, NU 6" - 5000# VALVE. RU APOLLO PERFORATORS. RAN CCL LOG FRM WL-ETD 2372-1850'. RIH W/PERF GUN COOMETER ONPANEL NOT WORKING. POOH W/GUN UNFIRED. SECURE WELL. SDON.
6/1 RU REPLACEMENT APOLLO PERF TRK. RIH W/DUAL FIRE PERF GUN CORRELATED COLLARS W/APOLLO GR-CCL LOG DTD 5-31-90. PERF'D BASIN FRUITLAND COAL FOR 1ST STG FRAC W/3-1/8" CSG GUN 2 SPF FRM 2323-2330' (16 HOLES) & 4 SPF FRM 2273-2284' (48 HOLES). TOTAL 64 HOLES. RD APOLLO & SWI. WO FRAC.
6/4 RU WESTERN & FOAM FRAC'D LOWER FRUITLAND COAL PERFS 2273-2284' & 2323-2330' (ALL VOL'S 70% QUALITY FOAM) 140,000 GAL PAD, 2000 GALS W/1#/GAL 100 MESH SD, 2000 GAL W/2#/GAL 100 MESH SD, 2000 GAL SPACER, 6000 GAL W/2#/GAL 20-40 SD, 6000 GAL W/4#/GAL 20-40 SD, 7000 GAL W/6#/GAL 20-40 SD, 7000 GAL W/8#/GAL 20-40 SD. FLUSHED W/27 BBLS GELLED H2O (500' ABOVE TOP PERF) TREATING PRESSURES 1700-2200 PSI AVG PRES 2100 PSI, AVG INJ RATE 30.9 BPM. ISDP 750 PSI (5) 720 PSI (10) 720 PSI (15) 710 PSI. TOTAL SD PMPD 140,000 LBS. TLTR (FLUID) 557 BBLS. SI 4-1/2 HRS, WO GEL, FINAL SIP 460 PSI. OPENED WELL @ 3:30 PM MST 5-4-90 ON 8/64" POS CK. FLWD 13 HRS ON 8/64" FCP 460-540-360 PSI. REC 80 BLW OF 557 BTL ±300 LBS FRAC SD.

cont'd page 2

I hereby certify that the foregoing is true and correct

SIGNED Charlotte Beeson TITLE Drilling Clerk DATE 6-11-90

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

ACCEPTED FOR RECORD
DATE _____

JUN 29 1990

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

BY [Signature]

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
Other instructions on reverse side

Submit Date: _____
Expires August 1, 1995
LEASE DESIGNATION AND SERIAL

Page 2

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.

IF INDIAN ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

WELL NO.

FIELD AND POOL OR WILDCAT

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

Sec. 30

COUNTY OR PARISH; STATE

WELL = GAS WELL ☒ OTHER

NAME OF OPERATOR

ADDRESS OF OPERATOR

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

PERMIT NO

ELEVATIONS (Show whether OF, AT, OR, etc.)

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

Other:

(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.)

47 MIRU PETRO WELL SERV. RIG 2. SICP-480 PSI. KILLED WELL W/30 BFW ND FRAC TREE NU BOP. RTH W/2-3/8" BULLDOG TBG BAILER ON TBG. TAGGED SD @ 2328' (2' ABOVE BOTTOM PERF). CLEANED OUT TO PBTD 2372'. POH & RCOVERD 155' SD IN TBG. RTH W/4-1/2" CSG SCRAPER TO 2270'. POH RTH W/TBG SET BAKER MODEL N-1 C.I. BRIDGE PLUG. SET PLUG @ 2258' (15' ABOVE EXISTING PERFS & 32' BELOW FUTURE UPPER PERFS). LOADED HOLE & TESTED PLUG TO 1500 PSI - OK. NEW TLTR-617 BBLs. SECURE WELL.

6/8 DISPLC HOLE W/50 BBL 2% KCL & SWBD FLVL TO 1400'. POH, ND BOP & NU 7-1/16" X 5M# VALVE. RU APOLLO & PERF'D U. FRUITLAND COAL W/CSG. GUN @ 4 SPF: 2192-2226' (TOTAL 80 HOLES). INST. TREE SAVER, SDON.

6/9 RAN STATIC BHP SURVEY W/120# SICP. WESTERN FOAM FRAC'D U. FRUITLAND COAL 2193-2226 W/140,000 GAL 70% PAD F/B 31,560 GAL 70% CARRIER W/1-8 PPG OF 100 & 20-40 SAND. BLENDER LOST PRIME: DSPLCD W/N2 TO 1600'. PMPD @ 30.9 BPM/2100-2900#, ISDP 2200, 5/2110, 10/2100, 15/2090. TOTAL SAND: 136,500#, TLTR: 535 BBLs. AFTER 4-1/2 HR W/O GEL, HAD 1825# SICP. OPEN WELL ON 8/64" CK, FLWD DRY N2 FOR 50 MIN THEN SLUGGED FL, PLUGGING CK AFTER 4 HRS. CLEAR CK & RE-OPEN WELL: FLWD SLVES OF FL W/VERY LITTLE SD, CK PLUGGED AGAIN. FCP 1825-910. TR 60 OF 535 BLW. SDON.

40 CLEANED SAND & COAL OUT OF CHOKE & RISER. SICP-950 PSI. OPENED ON 16/64" CHK @ 7:00 AM 6-10-90. FLWD GAS W/SLUGS H2O & SD. FCP 950-80 PSI. CHANGED CHK TO 32/64" @ 12:30 PM FLWD GAS W/SLUGS WATER & LOTS OF SD. FCP 80-20 PSI. QUIT BRINGING FL @ 2:30 PM. SHUT IN @ 3:00 PM. TR 84 BLW OF 535 BRL.
CIRC WELL W/2X KCL WTR. POOH W/SHOE. RTH W/MILL, 2 JUNK BASKETS TO 2258'. DRILLED OUT CIBP, RTH TO 2372'. POOH R&L 71 JTS (2214') OF 2-3/8 4.7# J-55 EUE BRD TBG @ 2226'. ND BOP, NU TREE. SWBD WELL IN. FLOWED TO PIT FOR 1-1/2 HRS. TURNED THROUGH TEST SEPARATOT FOR 8-1/2 HRS. FTP 50-205 PSI, CSG PRESS 425-225 PSI. RATE 417 MCF/D. REC 55 BLW. TR 320 OF 1227 BLW.
FLWD 24 HRS THRU TEST SEPARATOR. AT 5:00 AM 6-17-90 FCP-195 PSI, FTP-130 PSI. SEPARATOR BACK PRESS 105 PSI ON 26/64" CHK. GAS RATE 501 MCFPD. WATER RODUCTION 51 BLW IN 24 HRS. TR 371 BLW OF 1227 BTL.

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

SIGNED

Charlotte Beeson

TITLE

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

JUN 29 1990

FARMINGTON RESOURCE AREA

BY

*See Instructions on Reverse Side