

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		CONFIDENTIAL INFORMATION		RECEIVED	
2. NAME OF OPERATOR Union Oil Company of California		NOV 20 1986		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract #473	
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620		BUREAU OF LAND MANAGEMENT		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2300' FSL & 1875' FEL (NE NW SE)		FARMINGTON RESOURCE AREA		7. UNIT AGREEMENT NAME	
14. PERMIT NO. API No. 30-039-23905		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8204' GR (Ungraded)		8. FARM OR LEASE NAME Jicarilla (J21)	
				9. WELL NO. 1	
				10. FIELD AND POOL, OR WILDCAT Wildcat	
				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21, T.30N., R.1W.	
				12. COUNTY OR PARISH Rio Arriba	
				13. STATE New Mexico	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY <input checked="" type="checkbox"/>

(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.)*

4230' T.D.

Ran Cement Bond Log from 4175-2950' which indicated near 100% bonding from 4175-3300', very good bond from 3300-3250', and scattered bond from 3250-3240'. Ran Base Temperature Survey from 4174-2400'. BHT 249.5° F. at 4174'.

TIH to 4040'. Pressure tested casing to 3000 psi, O.K. Spotted 1000 gals. 15% HCl acid with additives from 4040-3040'. Perforated Niobrara formation at 3576', 3578', 3590', 3592', 3602', 3606', 3610', 3628', 3638', 3672', 3676', 3680', 3702', 3704', 3706', 3710', 3721', 3740', 3754', 3767', 3773', 3785', 3788', 3796', 3800', 3815', 3824', 3831', 3835', 3841', 3851', 3872', 3877', 3889', 3900', 3903', 3906', 3956', 3960', 3979', 3984', 3988', 3990', 3992', 3997', 4030', 4032', and 4034' with 1 spf with 3-3/8" select-fire gun. Made junk basket run into top of liner at 2962', O.K.

Pressure tested lines to 4000 psi, O.K. Broke down Niobrara perforations between 3576-4034' with 17,000 gals. fluid with 100 - 7/8" ball sealers, at average rate of 22 bpm and pressure of 500 psi. Sandfractured Niobrara

(Continued on Attached Sheet)

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

SIGNED R. G. Ladd, Jr.
(This space for Federal or State office use)

TITLE District Drilling Supt. DATE 11-17-86

APPROVED BY _____
CONDITIONS OF APPROVAL _____

TITLE _____ DATE _____

CONFIDENTIAL

*See Instructions on Reverse Side

CONFIDENTIAL

NMOCC

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.

Union Oil Company of California
Jicarilla (J21) Well No. 1
Rio Arriba County, New Mexico
11-17-86
Page 2

perforations with 274,000 gals. Apollo 40 gel with 450,000# 20-40 mesh sand, at average rate of 82 bpm and pressure of 900 psi. Displaced with 230 bbls. KCl water. ISIP 240 psi. 180 psi/10 mins. 130 psi/30 mins. SICP 40 psi/4-1/2 hrs. Ran Temperature Survey from 2910-4062' and GR from 2907-4062'. GR indicated radioactive material across perforations. Cleaned out to 4178'.

Ran and landed 118 jts. (3466.88') of 2-7/8", 6.5#, J-55, ST&C, 8rd, new, seamless tubing at 3486.03' with top of packer at 3481.83' and S.N. at 3480.88'. N.D. BOP and N.U. tree.

Swab tested Niobrara perforations between 3576-4034' and recovered 118 bbls. water in 3 hrs. with no oil show and weak gas blow for 1 min. after each run. SION.

Swabbed 68 bbls. water in 1 hr. and well kicked off and flowed 21-1/2 bbls. water in 1/2 hr then died. Swabbed 310.5 bbls. of gas-cut slick water in 7 hrs. Swab testing. Have recovered 518 bbls. of 7318 bbl. acid and water load.