

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## 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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-5195	
2. NAME OF OPERATOR Union Oil Company of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1800' FSL & 790' FWL		8. FARM OR LEASE NAME Navajo L19 K19	
14. PERMIT NO.		9. WELL NO. 4X 4Y	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6563' GL		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T.25N., R.10W.	
		12. COUNTY OR PARISH San Juan	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)			

## 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) 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.)\*

Drilled to 6125' T.D. at 8:00 a.m., 10-5-78. Circulated. Ran Dresser Atlas GR Density with Caliper Log. Circulated and conditioned hole. POOH laying down D.P. & D.C.

Ran and cement 162 joints and 2 pieces (6112.41') of 5-1/2", 15.5#, K-55, 8RD, ST&C, new casing at 6124', with float collar at 6092', 2-stage collar at 4249'. Cemented 1st stage with 250 sacks cement. Displaced cement with 42 bbls. water and 104 bbls. mud. Maximum PDP 900#. Bumped plug with 1800#. Released pressure and float held O.K. Dropped 2-stage opening bomb, pressured to 600#, and opened D.V. tool, O.K. Cemented second stage with 600 sacks cement. Displaced cement with 102 bbls. water. Bumped plug with 3000#. Closed D.V. tool, O.K. Released pressure with no flow back. Circulated 15 bbls. cement to pit. C.I.P. & J.C. at 1:00 a.m. Nippled down BOP and set 5-1/2" slips. Released rig at 3:30 a.m., 10-8-78.

(CONTINUED ON ATTACHED SHEET)

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

SIGNED

R. G. Ladd, Jr.

TITLE

District Drilling Supt.

DATE

10-20-78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

OCT 24 1978  
OIL CON. COM.  
DIST. 3

Union Oil Company of California  
Navajo L19 Well No. 4X  
San Juan Co., New Mexico  
10-20-78  
Pg. 2

MIRU well service. Drilled cement. Circulated hole clean. Displaced hole with 130 bbls. 5% KCl water. Pressured 5-1/2" casing and B.O.P. to 3500#/1/4 hour, O.K. P.U. and spotted 250 gallons regular 15% HCl, double-inhibited acid with LST & NE additives, 6026-5776'. Ran GR-PDC Log from 6070-5750'.

Perfed Jicarilla and Graneros "A", "B", and "C" zones at 5965', 5991', 6002', 6005', 6009', 6013', 6016', 6021', and 6026' with 1 spf using 4" casing gun. Total nine 0.4" holes. Treated perfs 5965-6026' with 250 gallons perf acid and 15 ball sealers in 15 bbls. 5% KCl water at 2 to 5 bpm at 1650# to 4000#. ISDP 1650#. 1400#/1 1250#/3. 1150#/5. 950#/10. 550#/20.

Swabbed 33 bbls. of 79 bbl. load water.

Sandfraced perfs 6965-6026' with 89,000 gallons frac fluid with 3% KCl, 1 gallon Adomal, 5 gallons WKI, and 2 gallons FSF/1000 gallons frac fluid with 15,000# 100-mesh sand and 170,000# 20-40 sand down 5-1/2" casing at 30-31 bpm at 3000-3300#. Displaced with 143½ bbls. 9.4#/gallon brine water. ISDP 2000#. 1950#/1. 1800#/5. 1700#/10. 1650#/15.

Ran and landed 188 joints of 2-3/8", 4.7# tubing at 5842' with 5-1/2" double-grip packer at 5835' & seating nipple at 5834'.

Swabbing and flow testing to clean up. Have recovered 530 bbls. of 2333 bbl. water load.