

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		<b>RECEIVED</b> SEP 3 1985 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA	5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-5199
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 82602-2620			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 1650' FSL & 940' FEL (NE SE)			8. FARM OR LEASE NAME Navajo - I24
14. PERMIT NO. API No. 30-045-26437		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6574' GR (Ungraded)	9. WELL NO. 10
			10. FIELD AND POOL, OR WILDCAT Basin Dakota
			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T.25N., R.11W.
			12. COUNTY OR PARISH San Juan
			13. STATE New Mexico

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"/>		<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) 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.)\*

6138' TD

MIRU well service unit on 8-20-85. N.U. BOP. RIH and tagged DV tool at 4482'. Pressure tested casing to 1500 psi/10 mins., O.K. Drilled D.V. tool to 4485' and fell free. RIH and tagged cement at 6080'. Drilled firm cement to 6087'. Pressure tested casing to 1500 psi/10 mins., O.K. Reverse circulated hole with 100 bbls. clean 2% KCl water with additives. TOOH.

Perforated Dakota formation from 5962-5966', 5982-5986', 5996-6000', 6022-6030', 6048-6051', and 6057-6064' with 2 spf with 3-1/8" casing gun. F.L. 740' and steady. TIH with fullbore packer on 2-3/8" tubing and set at 5785'. Pressured annulus to 1000#/1/4 hour, O.K. Swabbed 22 bbls. load water with oil rainbow in 1-1/2 hrs., with slight gas blow after each run, and swabbed dry. S.D. 1/2 hr. and had 100' fluid rise. Pressured annulus to 2000# and broke down perfs with 50 bbls. 2% KCl with additives and 100 ball sealers at 0-2500# with fluid on perfs to 2200-3200# with balls on perfs to 3400-3800# and steady at 3.8-3.5-3.8-3-3.2 bpm and steady. Displaced with 20 bbls. 2% KCl water. ISDP 1600#. 1150#/5 mins. 500#/15 mins. Total load 70 bbls. water. Swabbed 26-1/2 bbls. fluid/2 hrs. cut 5% oil after 2nd run. Had slight to weak gas blow during and after swab run with gas

(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 8-28-85  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

ACCEPTED FOR RECORD  
DATE \_\_\_\_\_

OIL & GAS DIV. SEP 04 1985

\*See Instructions on Reverse Side

NMOCC

FARMINGTON RESOURCE AREA

Union Oil Company of California  
Navajo (I24) Well No. 10  
Basin Dakota Field  
San Juan County, New Mexico

increasing last swab run. Left well open to tank on 12/64" choke. FTP 30# with weak gas blow. SDON.

FTP 40#. SICP 0#/12 hrs. Flowed 6 bbls. fluid overnight on 12/64" choke with weak gas blow. Swabbed and flowed 12 bbls. fluid/4 hrs. with weak to moderate gas blow during and after pulling swab. F.L. cut 8-10% oil and 92-90% water and black scum. F.L. scattered while pulling from seating nipple at 5784' the last 3 hrs. S.D. 1 hr. with 200-300' rise. Recovered 1-1/2 BO + 43 bbls. of 70 bbl. water load. Released packer and TIH to 6089'. Reverse circulated hole clean with 2% KCl water with clay stabilizer and surfactants. Recovered oil, water, and frac balls. POOH with tubing, laying down fullbore packer. SION.

SICP 75#/14 hrs. Sandfractured Dakota perforations 5962-6064' with 95,000 gals. Mini-Max III-30 gelled 2% KCl with additives and 155,000# 20-40 sand in 4 stages at average rate of 40 bpm at 2800#. Displaced with 95 bbls. 10# brine water at 2650-2900# at 30 bpm. ISDP 2000#. 1400#/10 mins. 900#/1 hr. 50#/3 hrs. Total load 2356 bbls. water. Bled casing to zero with very weak flow.

Ran and landed 191 jts. (5893.17') of 2-3/8", 4.7#, J-55, 8RD, ST&C, new, seamless tubing at 5905.17' with seating nipple at 5885.90', double-grip packer at 5886.90'. Reverse circulated hole with 100 bbls. 2% KCl water with surfactants and bactericide prior to setting packer. N.U. Xtrees with 14,000# on packer. Swabbed 36 bbls. fluid with trace of sand, F.L. surface to 800-300', and well kicked off flowing on fifth swab run. Flowed 65 bbls. foamy, highly gas-cut fluid on 3/4" choke, with FTP increasing from 60-160# in 2-1/2 hrs. Turned well to test separator at 10:00 p.m., 8-24-85, on 1/2" choke. FTP 160# at 300 MCFD rate with 10-12' strong flare. Flowed 56 BO + 84 BW & 368 MCFD gas rate in 8 hrs. on 1/2" choke, FTP 160#.

Flowed 54 BO + 70 BW & 312 MCF gas on 1/2" choke/24 hrs. on 8-25-85 with FTP 140# & SICP 0#. Released rig on 8-25-85.

Flowed 16.5 BO + 24.9 BW & 44 MCF gas. Separator pressure 270# & FTP 285# w/12/64" choke. Reduced separator back pressure to 160# at 6:00 a.m., 8-27-85.

Flowed 23.3 BO + 51.4 BW & 291 MCF/24 hrs. with FTP 150-190# & separator pressure 133#, on 8-28-85. Have recovered 150 BO + 336 BW of 2356 BLW.

Note: Flowing to test unit and gas is being flared.