

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1004-C.1
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 ☐ GAS WELL ☒ OTHER (Shut In) 88 OCT 21 PM 1:00

2. NAME OF OPERATOR Union Oil Company of California

3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements. See also space 17 below.)
At surface 801' FNL & 1190' FEL

14. PERMIT NO. API NO. 30-045-20151 15. ELEVATIONS (Show whether DF, N, or etc.) 6246' GR

5. LEASE DESIGNATION AND SERIAL SF 078571

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Day "B"

9. WELL NO. 3

10. FIELD AND POOL OR WILDCAT Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T.27N., R.8W.

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:		SUBSEQUENT REPORT OF:	
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"/>	(Other) Attempted to Repair Casing	<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.)

6967' TD; 6954' PBDT

Purpose: Attempted to repair casing leak.

MIRU well service unit on 9-28-88. N.U. BOP. Stung out of retainer. Spotted 2 sacks of 20-40 sand on 4-1/2" retainer at 6749'. POOH with 2-3/8" tubing. RIH with 4-1/2" packer and set at 630'. Loaded 4-1/2" x 2-3/8" annulus with 5 bbls. 2% KCl water and pressured up to 1000 psi. Pressure dropped to 0 psi in 30 seconds. Pumped down 2-3/8" tubing at 1 bpm at 125 psi and steady. RIH to 2000' (300' below cement top.) Pressured up 2-3/8" tubing to 500 psi; held steady. Pressure tested 4-1/2" casing and moved up hole from 2000-1434'. Casing tested O.K. to 1000 psi to 1434'. Found multiple holes in 4-1/2" casing from 1434-1342'. P.U. while testing and found another hole in casing at ±239'. POOH and laid down packer.

RIH with 4-1/2" retainer and set at 1257'. Established injection rate of 2 bpm at 125 psi. R.U. cementers. Tested lines to 2000 psi. Loaded 2-3/8" x 4-1/2" annulus with 2 bbls. fresh water and pressured up to 1000 psi. Pressure fell to 0 psi in 30 seconds. Established injection rate down 2-3/8" tubing with 10 bbls. fresh water at 3 bpm at 700 psi. Cement squeezed 4-1/2" casing from 1342-1434' with 150 sacks of cement with 5#/sack 20-40 sand (wt. 16#, yield 1.18 cu. ft/sx.).

(Continued on Attached Sheet)

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

SIGNED John R. Underhill TITLE District Drilling Supt. DATE 10-17-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FARMINGTON RESOURCE AREA

BY

Spm

*See Instructions on Reverse Side

Union Oil Company of California
Day "B" Well No. 3
Basin Dakota
San Juan County, NM
10-17-88
Page 2

Pumped cement at 2 bpm to 1 bpm at 150 psi to 0 psi. S.D. at start of displacement. Waited 10 mins. Started displacement with T.P. going from vacuum to 420 psi at 1 bpm with 6.3 bbls. away. Overdisplaced 5-1/2 bbls. into formation at 1 bpm at 420 psi and steady. Did not see any pressure or blow on either 4-1/2" x 8-5/8" annulus or 4-1/2" x 2-3/8" annulus. Stung out of retainer. Reverse circulated 10 bbls. fresh water to pit with no sign of cement. W.O.C. Established injection rate into same 4-1/2" casing section with 5 bbls. fresh water at 1 bpm at 1100 psi. Squeezed 4-1/2" casing with 100 sacks of class "G" cement with 10#/sack of 20-40 sand (wt. 16.1#, yield 1.2 cu. ft/sx.). Pumped at 1 bpm to 0.8 bpm at 0-1300-660-1500 psi. S.D. at 1500 psi. Stung out of retainer. Reverse circulated 21 barrels cement to pit. Put 84 sacks of cement behind 4-1/2" casing on second squeeze (total of 234 sacks). Had no communication into 4-1/2" x 8-5/8" annulus or 4-1/2" x 2-3/8" annulus during job. POOH with 2-3/8" tubing and laid down stinger.

TIH with 3-7/8" bit on 2-3/8" tubing to 552'. Swabbed fluid to 300'. Waited one hour. F.L. rose 25' to 275'. RIH to 1240'. R.U. reverse unit. Drilled 5' of unconsolidated cement and cement retainer for 6-1/2 hrs. Lost approximately 2-1/2 bbls. per hour to suspected casing leak at 239'. Reverse circulated and drilled on 4-1/2" retainer from 1258' to 1260'. POOH. Milled to 1288'. Circulated hole clean. POOH w/BHA on 2-3/8" tubing. 3-7/8" mill showed moderate wear on outside which would indicate collapsed or split casing. Drilled hard cement from 1288' to 1684' and firm cement to 1708'. Circulated hole clean. Washed 95' of fill consisting of 35' of loose cement, 50' of shale, then 10' of sand to top of retainer at 6749'. Reverse circulated tubing clean. POOH.

Ran and landed 2-3/8" tubing at 6750.01'. Circulated 80 barrels of 2% KCl water down 2-3/8" tubing at 2 bpm at 700 psi. Stung into retainer. Pressured up to 1100 psi and held steady for 5 mins. Could not pump below retainer. N.D. BOP's. N.U. tree. Released rig on 10-5-88. Shut well in.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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OIL WELL ☐ GAS WELL ☐ OTHER ☒ (Shut In)
2. NAME OF OPERATOR
Union Oil Company of California
3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602-2620
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
801' FNL & 1190' FEL

RECEIVED
OCT 31 1985

5. LEASE DESIGNATION AND SERIAL NO.
SF 078571
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Day "B"
9. WELL NO.
3
10. FIELD AND POOL OR WILDCAT
Basin Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7, T.27N., R.8W.
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico

14. PERMIT NO.
API NO. 30-045-20151
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6246' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETION ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANS ☐
(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(Other) Attempted to Repair Casing ☒

(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.)

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SIGNED *John R. Underhill*
(This space for Federal or State office use)

TITLE District Drilling Supt.

DATE 10-17-88

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FORMATION RESOURCE AREA

BY *SMW*

Union Oil Company of California
Day "B" Well No. 3
Basin Dakota
San Juan County, NM
10-17-88
Page 2

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