

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPL
(Other instructions
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reForm approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-9215

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Windmill Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 5, T-10-S, R-31-E

12. COUNTY OR PARISH

Chaves

13. STATE

N. Mexico

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 ☒ Dry Hole

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 671 - Midland, Texas 79702

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

1650' FEL and 1980' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4198' GR.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(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.)*

Squeeze perforations 3,879' to 3,890' with 50 sx cement.

Squeeze perforations 3,829' to 3,844' and spot Plug No. 1 from 3,852' to 3,684' in
5-1/2" OD Casing with 25 sx cement.

Cut off 5-1/2" OD Casing at 2,985', pull and lay down casing.

Spot Plug No. 2 from 1,600' to 1,375' in 8-5/8" OD Casing with 60 sx cement.

Spot Plug No. 3 from 20' to surface in 8-5/8" OD Casing with 10 sx cement.

Pump in 9.5# mud between cement plugs. Weld 1/2" steel plate on surface casing.

Install 4" x 4" pipe dry hole marker, as per N.M.O.C.C. rules and regulations.

Verbal approval to plug and abandon was given by 'phone on April 12, 1978, to Mr. Julian
White by Mr. Jim Knaupf with the United States Geological Survey in Artesia, New
Mexico.

RECEIVED

MAY 1 1978

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SIGNED

J.R. Hughes

TITLE District Drilling Supt.

DATE April 26, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE MAY 17 1978

CONDITIONS OF APPROVAL, IF ANY:

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

Mexico.
Written by Mr. Jim Knapp for the United States Geological Survey
on April 18,
Various removal to plug and abandon was given by phone on April 18,

Installed 4" x 4' pipe dry hole marker, as per W.M.C.C. rules and reg-
ulations in 9.54 and between cement plugs. Weld WAS steel plate on sand
Spec Plug No. 3 from 20' to surface in 8-2 1/2" OP casing with 10 ex coe
8; or Plug No. 2 from 1,600' to 1,375' in 8-2 1/2" OP casing with 60 ex
Car off 2-1 1/2" OP casing at 2,105', full and lay down casing.
1-7/8" ID casing with 25 ex cement.

Spokane perforations 3,823' to 3,844' and spot plug No. 1 from 3,851'
Spokane perforations 3,870' to 3,890' with 20 ex cement.

U.S. GOVERNMENT

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-685229

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MAY 18 1978

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

NMOCC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐		GAS WELL ☐		DRY ☒		Other ☐	
b. TYPE OF COMPLETION:		NEW WELL ☒		WORK OVER ☐		DEEP-EN ☐		PLUG BACK ☐	
2. NAME OF OPERATOR		Union Oil Company of California		3. ADDRESS OF OPERATOR		P. O. Box 671 - Midland, Texas 79702		4. LOCATION OF WELL (Report location clearly and in accordance with any local requirements):	
At surface		1980' FSL and 1650' FEL		At top prod. interval reported below		At total depth		14. PERMIT NO.	
15. DATE SPUDDED		2-3-78		16. DATE T.D. REACHED		3-23-78		17. DATE COMPLETED (Ready to prod.)	
20. TOTAL DEPTH, MD & TVD		10,748'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPLEMENTS, HOW MANY*		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		Dry Hole		25. WAS DIRECTIONAL SURVEY MADE		No		19. ELEV. CASINGHEAD	
26. TYPE ELECTRIC AND OTHER LOGS RUN		Dual Laterolog; Compensated Neutron-Formation		27. WAS WELL CORED		No		23. INTERVALS DRILLED BY	
28. CASING RECORD (Report all strings set in well)		11-3/4" OD		42#		530'		15"	
8-5/8" OD		32# & 24#		3,170'		11"		535 sx Two Stages	
5-1/2" OD		15.5#		4,111'		7-7/8"		175 sx	
29. LINER RECORD		SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD		SIZE		DEPTH SET (MD)		PACKER SET (MD)		AMOUNT PULLED	
31. PERFORATION RECORD (Interval, size and number)		3,879' - 3,890'		1/2"		5 Holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3,829' - 3,844'		1/2"		10 Holes		250 Gals. 15% HCL Acid		250 Gals. 15% HCL Acid	
33. PRODUCTION		DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.	
35. LIST OF ATTACHMENTS		Deviation Record; Drill Stem Tests; Electrical Logs (2 each as shown in No. 26)		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED J.R. Hughes		TITLE District Drilling Supt.	
						DATE May 8, 1978			

*(See Instructions and Spaces for Additional Data on Reverse Side)

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

337. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

[illegible]

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