

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.7

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 ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 671 Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FSL & 660' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

4-30-71

15. DATE SPUDDED

5-15-71

16. DATE T.D. REACHED

6-1-71

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

3660' RKB

19. ELEV. CASINGHEAD

3650'

20. TOTAL DEPTH, MD & TVD

5680'

21. PLUG, BACK T.D., MD & TVD

-

22. IF MULTIPLE COMPL., HOW MANY*

-

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

CABLE TOOLS

0-5680'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Neutron Porosity Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	1000'	11"	700 Sacks	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD)
AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Neutron Porosity Log, Deviation Tent

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

J. R. Gray

TITLE

District Drilling Supt.

DATE 6-14-71

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

INSTRUCTIONS

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, State, 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.)

37. 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Quaternary	Surf	10'	Alluvium	San Andres	586	
Permian Whitehorse	10'	586'	Anhydrite, sand, salt	Yeso	1720	
San Andres	586'	1650'	Dolomite, anhydrite, salt	Abo	3866	
Glorieta	1650'	1720'	Sand	Hueco	4530	
Yeso	1720'	3866'	Sand, dolomite, anhydrite	Lower Wolfcamp	4859	
Abo	3866'	4530'	Shale, dolomite, anhydrite	Cisco	5083	
Wolfcamp	4530'	5083'	Limestone, shale	Pre Cambrian	5286	
Perm. Cisco	5083'	5286'	Limestone, shale, some sand			
Pre Cambrian	5286'	5680' TD	Igneous Basement Rock (Granite & Diorite)			

DEVIATION TESTS

Union Oil Company of California
Federal "5" Well No. 1
Chaves County, New Mexico

<u>FOOTAGE</u>	<u>D.T.</u>
240'	3/4
507'	1-1/2
721'	3/4
840'	3/4
1002'	3/4
1490'	1
1644'	1
2140'	1-1/4
2360'	3/4
2850'	1-1/4
3350'	1-1/2
3840'	1
4021'	1-1/2
4182'	1-1/2
4650'	1-1/2
5100'	3-3/4
5149'	3-3/4
5321'	3-3/4
5565'	4-1/4
5680'	4-1/4

I hereby certify that I have personal knowledge of the data and fact placed on this sheet, and that such information given above is true and complete.



Union Oil Company of California

Sworn and Subscribed before me, this 14th day of June 1971.



Notary Public in and for Midland
County, Texas

RECEIVED
JUN 15 1971
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO