

N. M. OIL & GAS COMMISSION
P. O. BOX 1981 ROSWELL, N. M. 88203
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLI E*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM-6870

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pipeline Deep Unit Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Undesignated
(N. Quail Ridge Morrow)

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

Sec 7, T-19-S, R-34-E

12. COUNTY OR PARISH

Lea County New Mexico

13. STATE

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 79702

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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

At surface 1980' FSL & 660' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

OCT 20 1981

15. DATE SPUDDED

4-13-80

16. DATE T.D. REACHED

6-2-80

17. DATE COMPL. (Ready to prod.)

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

3,743' G.L.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13,620'

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

13,348'

22. IF MULTIPLE COMPL., HOW MANY*

No

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-13,620'

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

CNL-FDC Dual Lateral Log & Micro SFL

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
13-3/8" OD	48#	503'	17-1/2"	600 sx Cl"C" Cir Surface	
9-5/8" OD	43.5#	5,295'	12-1/4"	1900 sx Cl"C" DV Tool 179'	
5-1/2" OD	17#	13,620'	7-7/8"	1250 sx Lite Wate DV Tool 10,003'	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"OD	12,900'	12,900'

31. PERFORATION RECORD (Interval, size and number)

13,435' - 13,449' 1/2" Hole 28 holes
 13,524' - 13,527' 1/2" " 16 holes
 13,054' - 13,288' 1/2" " 46 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,435'-13,449'	250 gal 7-1/2% Acetic Acid
13,524'-13,527'	2000 gal 7-1/2% Acetic Acid
13,435'-13,527'	Squeezed W/60 sx Cl"H" Cement
13,054'-13,288'	3300 gal 10% Acetic Acid

33. PRODUCTION

DATE FIRST PRODUCTION: _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): SALT WATER DISPOSAL WELL WELL STATUS (Producing or shut-in): SWDW

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

FLOW. TUBING PRESS. _____ CASING PRESSURE _____ CALCULATED 24-HOUR RATE _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ OIL GRAVITY-API (CORR.) _____

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

35. LIST OF ATTACHMENTS

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

SIGNATURE: *J.R. Hughes* J.R. Hughes

TITLE: Dist. Drilling Supt. U.S. GEOLOGICAL SURVEY

DATE: 10-16-81

DEC 14 1981

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, 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
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							
				Rustler	1,588'		
				Yates	3,263'		
				San Andres	4,412'		
				Delaware	5,844'		
				Bone Springs	7,820'		
				Wolfcamp	10,794'		
				Canyon	12,015'		
				Strawn	12,116'		
				Atoka	12,378'		
				Upper Morrow	12,892'		
				Middle Morrow	13,177'		
				Lower Morrow	13,413'		
38. GEOLOGIC MARKERS							