

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on back of form)

Form approved.
Budget Bureau No. 42-33555.

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5197

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo - D30

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 30, T.25N., R.10W.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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 2620 - Casper, WY 82602-2620

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

At surface 790' FNL & 1000' FWL (NW NW)

At top prod. interval reported below

Straight Hole

At total depth

Straight Hole

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9-7-83	9-14-83	9-27-83	6623' GR (Ungraded)	6623'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6126'	6078' ETD			0 - TD	- - -

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

5978-6046' (MD) - Jicarilla-Graneros

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Focused Log, Compensated Densilog-Neutron w/GR & Caliper

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#	757.99'	12-1/4"	See Attached Sheet	None
5-1/2"	15.5#	6,125.82'	7-7/8"	See Attached Sheet	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
- - -	- - -	- - -	- - -	- - -	2-3/8"	5858.98'	5852.89'

31. PERFORATION RECORD (Interval, size and number)

5978-5982' - 4" csg jet - 1 spf
6004-6006' - 4" csg jet - 1 spf
6020-6036' - 4" csg jet - 1 spf
6040-6046' - 4" csg jet - 1 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5978-6046'	1000 gals. 15% HCl acid with 48 ball sealers
5978-6046'	65,000 gals. gel with 520 gals. diesel, and 132,000# 20-40 sd.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-28-83		Flowing				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-28-83	24	32/64"	→	0	323	70 BLW	N.A.
FLOW. TUBING PRESS.	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
310#	300# L.P.	→	0	323	70 BLW	N.A.	

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

To be sold. Waiting on contract and pipeline connection.

TEST WITNESSED BY

Brad Govreau

35. LIST OF ATTACHMENTS

Page 3

ACCEPTED FOR RECORD

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

SIGNED

R. G. Ladd, Jr.

TITLE District Drilling Supt.

DATE

OCT 07 1983
9-29-83

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

FARMINGTON RESOURCE AREA

BY

sm

NMDC

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.)

Blowout preventers tested daily in accordance with Union Oil Company policy and reported by drilling contractor personnel on tour sheets.

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
K Gallup Sd	5118'	5162' (md)	Sand, Water, & Possible Hydrocarbons	Pictured Cliffs	1468'	
K Jicarilla Sd	5976'	5984' (md)	Sand, Hydrocarbons, & Water	Cliff House	2266'	
K Graneros Sd	6002'	6050' (md)	Sand, Hydrocarbons, & Water	Menefee	2979'	
K Dakota Sd	6064'	6086' (md)	Sand, Water, Possible Hydrocarbons	Point Lookout	3932'	
				Mancos	4124'	
				Gallup	4950'	
				Sanastee	5482'	
				Greenhorn	5848'	
				Graneros SH	5914'	
				Jicarilla	5976'	
				Graneros SD	6002'	
				Dakota	6061'	
			No DST's			

Well Completion Report - Form 9-330

Union Oil Company of California
Navajo D30 Well No. 9
Basin Dakota Field
San Juan County, New Mexico
9-29-83
Pg. 3

No. 28 - Cementing Record - Continued:

8-5/8" Casing

500 sx (590 cu. ft.) of class "B" cement with 2% CaCl_2 , and 1/4# flocele/sx of cement. Circulated 200 sx (236 cu. ft.) to pit. Top of cement at surface.

5-1/2" Casing (Float Shoe Top @ 6123.67', Diff. Fill Float Collar @ 6078.47', and D.V. Tool @ 4212.19')

1st Stage

230 sx (639 cu. ft.) of 65-35 pozmix cement with 12% gel, 12.5# gilsonite, and 1/4# flocele/sx cement; followed by 130 sx (170 cu. ft.) of 50-50 pozmix cement w/2% gel, 10% salt, 5# 20-40 sd/sx cement, and 1/4# flocele/sx cement. (Total of 809 cu. ft. cement used first stage.) Top of cement at 4212'. Recovered 5 bbls. (14 cu. ft. cement at surface.)

2nd Stage

500 sx. (1390 cu. ft.) of 65-35 pozmix cement with 12% gel, 12.5# gilsonite, and 1/4# flocele/sx cement; followed by 100 sx (131 cu. ft.) of 50-50 pozmix cement w/2% gel, 10% salt, and 5# 20-40 sd/sx. cement, and 1/4# flocele/sx. cement. (Total of 1521 cu. ft. of cement used second stage.) Top of cement at surface. Circulated 20 sx. (56 cu. ft.) to surface.

OIL CO. DIV.
Lst. 3