

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-5199

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo - I24 Federal

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 24, T.25N., R.11W.

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

1650' FSL & 940' FEL (NE SE)

At top prod. interval reported below

1650' FSL & 940' FEL (NE SE)

At total depth

1650' FSL & 940' FEL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

8-4-85

16. DATE T.D. REACHED

8-13-85

17. DATE COMPL. (Ready to prod.)

8-25-85

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

6574' GR (Ungrd)

19. ELEV. CASINGHEAD

6575'

20. TOTAL DEPTH, MD & TVD

6138' TD

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

6087'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 - TD

CABLE TOOLS

- - -

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

5962-6064' - Dakota

RECEIVED
SEP 18 1985
OIL CON. DIV.
DIST. 3

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIFL and Densilog-Neutron with 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	AMOUNT PULLED
8-5/8"	24#	782'	12-1/4"	530 sx
4-1/2"	10.5#	6135'	7-7/8"	1400 sx
				(See Details on Page 3)

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5905'	5887'

31. PERFORATION RECORD (Interval, size and number)

5962-5966', 5982-5986') Dakota-2 spf with
5996-6000', 6022-6030') -3-1/8" gun
6048-6051', 6057-6064')

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5962-6064'	95,000 gals. Mini-Max III-30 gelled 2% KCl with additives and 155,000# 20-40 sand in four stages

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-30-85		Flowing				Shut In-Awaiting Sales	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-28-85	24	12/64"	→	23	291	51.4	12,652:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
170#	0#	→	23	291	51.4	54°	

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

Flared (Waiting on pipeline connection)

TEST WITNESSED BY

D.M. Visser

35. LIST OF ATTACHMENTS

Page 3

API No. 30-045-26437

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 8-30-85

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

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 (Meas.)	BOTTOM Depths)	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Graneros Sands	5962'	6072'	Sandstone, Gas, Oil, Water	Pictured Cliffs	1450'	
Lower Dakota	6092'	Not Reached	Sandstone, Water	Cliff House	2258'	
				Point Lookout	3917'	
				Mancos	4140'	
				Gallup	4952'	
				Sanastee	5484'	
			No DST's	Greenhorn	5862'	
				Graneros	5926'	
				Lower Dakota	6092'	
Note Blowout preventers tested daily in accordance with Union Oil Company policy and reported by drilling contractor personnel on tour sheets.						

Well Completion Report - Form 9-330

Union Oil Company of California
Navajo I24 Well No. 10
Basin Dakota Field
San Juan County, New Mexico
8-30-85
Page 3

No. 28 - Cementing Record - Continued:

8-5/8" Casing @ 782' (Auto-fill float valve @ 740')

530 sacks (625.4 cu. ft.) of class "B" cement with 2% CaCl_2 and 1/4# flocele/sack of cement, mixed at 15.6#/gal. (yield 1.18 cu. ft./sack). Max. PDP 500#. Displaced with 47 bbls. fresh water. Bumped plug with 300#. Released pressure and float held O.K. Circulated 190 sacks (224.2 cu. ft.) of cement to surface. Top of cement at surface.

4-1/2" Casing @ 6135'

(Float shoe @ 6133', float collar @ 6089', and D.V. tool @ 4482')

1st Stage

600 sacks (840 cu. ft.) of 50-50 pozmix cement with 10% salt, 10% Calseal, 2% gel, and 1/4# flocele/sack cement, mixed at 13.5#/gal. (yield 1.4 cu. ft./sack). Displaced with 23 bbls. fresh water and 74-1/2 bbls. mud. Max. PDP 850#. Bumped plug to 1100#. Released pressure and float held O.K. Dropped bomb and waited 20 mins. Opened D.V. tool, circulated and recovered 15 sacks (21 cu. ft.) of cement to surface.

2nd Stage

800 sacks (2272 cu. ft.) of class "B" cement with 3% Thrifty Lite, and 1/4# flocele/sack of cement, mixed at 13.5#/gal., (2.84 cu. ft./sack yield). Displaced with 72 bbls. fresh water. Bumped plug and closed D.V. tool with 2500#. Released pressure and D.V. tool held O.K. Max. PDP 1050#. Circulated 65 sacks (184.6 cu. ft.) of cement to surface. Top of cement at surface.