Form 3160-4
(November 1983)
(formerly 9-330)

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

5. LEASE DESIGNATION AND SERIAL NO.
SF 079160

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECEIVED
BLM
95 AUG -3 AM 11:35
070 FARMINGTON, NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER

b. TYPE OF COMPLETION:
NEW WELL [X] WORK OVER [X] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVE. [ ] OTHER

7. UNIT AGREEMENT NAME
RINCON UNIT

8. FARM OR LEASE NAME
RINCON UNIT

2. NAME OF OPERATOR
UNION OIL COMPANY OF CALIFORNIA

9. WELL No.
231E

3. ADDRESS OF OPERATOR
P.O. BOX 850 - BLOOMFIELD, NM 87413 (505)632-1811 EXT 14

10. FIELD AND POOL, OR WILDCAT
BASIN DAKOTA

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface 1145' FNL & 790' FWL (NW NW)

11. SEC.T.R.,U.,OR BLOCK AND SURVEY OR AREA
M SEC 12, T26N - R07W

At top prod. Interval reported below SAME

At total depth SAME

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
30-039-25489	03/01/95	RIO ARRIBA	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMP. (Ready to prod)	18. ELEVATION (DF,RKB,RT,GR,ECT.)*	19. ELEV.CASINGHEAD
05/21/95	06/02/95	07/20/95	14' KB	

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
7304'	7264'		----->		

24. PRODUCING INTERVAL(S). oF THIS COMPLETIONS-TOP, BOTTOM, NAME (MD AND TVD)*
7075' - 7156' BASIN DAKOTA

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTIRC AND OTHER LOGS RUN
CBL - VDL - GR

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
9 5/8'	36#	371'	12 1/4"	200 SX CLASS "G"	
7"	23# & 26#	7303'	8 3/4"	1st STAGE - 625 sx, 2nd STAGE - 900 sx	1525

RECEIVED
AUG 8 1995
OIL CON. DIV.
DIST. 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"	7170'	5144'

31. PERFORATION RECORD (Interval, size and number)
DAKOTA 7075'-78', 7107'-12', 7126'-38', 7174'-56', - 2spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIALS USED
7075' - 7156'	245K - 20/40 SAND

33. * PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)	WELL STATUS (Producing or shut-in)
NEW WELL	FLOWING	SHUT-IN

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
08/01/95	24 HOURS	VARIABLE	------->	13	205 mcfd	158	15.8

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)
100 psig	n/a	------->	13	205 mcfd	158 (load)	45.0

34. DISPOSITION OF(Sold, used for fuel, vented, ect.)
FLARED

TEST WITNESSED BY
BRETT H. LIGGETT

35. LIST OF ATTACHEMENTS

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

SIGNED Brett H. Liggett TITLE PRODUCTION ENGINEER DATE AUGUST 1, 1995
BRETT H. LIGGETT

ACCEPTED FOR RECORD

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

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictioous or fraudulent statements or representations as to any matter within its jurisdiction.

AUG 04 1995

FARMINGTON DISTRICT OFFICE

NMOCD

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drilled-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
PICTURED CLIFFS	2688'	2780'	SAND STONE, 6 – 14% POROSITY
CLIFF HOUSE	4364'	4463'	SANDSTONE, SHALE, SOME COAL 6 – 11% POROSITY
MANEFEE	4463'	4934'	SAND STONE, SHALE, COAL 6 – 10% POROSITY
POINT LOOKOUT	4984'	5160'	SANDSTONE, SHALE 6 – 12% POROSITY
GRANEROS	6960'	7032'	SANDSTONE 5 – 11% POROSITY
BASIN DAKOTA	7074'	7200'	SAND STONE, SILT STONE, SOME SHALE 4 – 10% POROSITY

38. GEOLOGIC MARKERS

NAME	TOP MEAS.DEPTH	TOP TRUE VERT.DEPTH
NACIEMENTO	694'	
OJO ALAMO	1906'	
KIRTLAND	2122'	
FRUITLAND	2473'	
PICTURED CLIFFS	2688'	
LEWIS	2798'	
CHACRA	3582'	
CLIFF HOUSE	4364'	
MENEFEE	4463'	
POINT LOOKOUT	4934'	
MANCOS	5323'	
GALLUP	6010'	
TOCITO	6475'	
GREENHORN	6871'	
GRANEROS	6960'	
DAKOTA	7074'	
BURRO CANYON	7200'	

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

This form is not to be used for reporting packer leakage tests in Southeast New Mexico

OIL CONSERVATION DIVISION

Page
Revised 10/01/7

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator UNION OIL COMPANY OF CALIFORNIA DBA UNOCAL Lease RINCON UNIT Well No. #231E

Location of Well: Unit M Sec. 12 Twp. 26N Rge. 7W County RIO ARRIBA

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	BLANCO MESA VERDE	GAS	FLOW	TUBING
Lower Completion	BASIN DAKOTA	GAS	FLOW	TUBING

PRE-FLOW SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion	August 12, 1995 8:00am	7 Days	Csg 1090 Tbg 1090	Yes
Lower Completion	August 12, 1995 8:00am	7 Days	Tbg 1880	No

FLOW TEST NO. 1

Commenced at (hour, date)* August 18, 1995 9:00am Zone producing (Upper or Lower): Lower

TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE Upper Completion	PRESSURE Lower Completion	PROD. ZONE TEMP.	REMARKS
10:00am	1 Hr.	Csg 1090 Tbg 1090	Tbg 580	63°	Q = 730 MCF/D
11:00am	2 Hrs.	Csg 1090 Tbg 1090	Tbg 500	63°	Q = 730 MCF/D
12:00pm	3 Hrs.	Csg 1090 Tbg 1090	Tbg 500	63°	Q = 730 MCF/D

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Upper Completion	August 18, 1995 12:00pm	7 Days	Csg 1100 Tbg 1100	No
Lower Completion	August 18, 1995 12:00pm	7 Days	Tbg 2290	Yes

(Continue on reverse side)

FLOW TEST NO. 2

Commenced at (hour, date)** August 24, 1995 12:00pm — Zone producing (Upper or Lower): Upper

TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
1:00pm	1 Hr	Csg 900 Tbg 620	Tbg 2290	67°	Q = 200 MCF/D
2:00pm	2 Hrs.	Csg 750 Tbg 540	Tbg 2290	67°	Q = 200 MCF/D
3:00pm	3 Hrs.	Csg 600 Tbg 400	Tbg 2290	67°	Q = 200 MCF/D

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____

Gas: _____ MCFPD: Tested thru (Orifice or Meter): _____

Remarks: API #30-039-25489

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved Johnny Robinson 19__
New Mexico Oil Conservation Division
AUG 3 0 1995
By _____
DEPUTY OIL & GAS INSPECTOR
Title _____

Operator Union Oil Company of California dba Unoc
By R.L. Caine
R.L. Caine
Title Production Foreman
Date August 28, 1995

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.

3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.

4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued for seven days in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three hours.

5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.

6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).

RLC/sk1