

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

LEASE DESIGNATION AND SERIAL NO.

LF-079366

IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
JUN 30 1993

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other

2. TYPE OF COMPLETION: NEW WELL WORK OVER REEF-EX PILING BACK DIFF. REGR. Other

OIL CON. DIV
DIST. 3

3. NAME OF OPERATOR
UNION OIL COMPANY OF CALIFORNIA DBA UNOCAL

4. ADDRESS OF OPERATOR
3300 N. BUTLER SUITE 200, FARMINGTON, NEW MEXICO 87401

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1775' FNL & 1540' FWL
At top prod. interval reported below SAME
At total depth SAME

7. UNIT AGREEMENT NAME

RINCON UNIT

8. FARM OR LEASE NAME

RINCON UNIT

9. WELL NO.

#174M

10. FIELD AND POOL, OR WILDCAT

BASIN DAKOTA

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

F SEC. 19, T-27-N, R-6-W

14. PERMIT NO. 30-039-25199
DATE ISSUED 09/23/92

12. COUNTY OR PARISH
RIO ARRIBA

13. STATE
NEW MEXICO

15. DATE RECORDED 7/24/92
16. DATE T.D. REACHED 8/04/92
17. DATE COMPL. (Ready to prod.) 09/23/92
18. ELEVATIONS (DP, RB, ST, GR, ETC.)* 6520' GR

19. SLEW, CASINGHEAD 93
20. TOTAL DEPTH, MD & TVD 7647'
21. PLUG, BACK T.D., MD & TVD 7602'
22. IF MULTIPLE COMPL., HOW MANY* 2
23. INTERVALS DRILLED BY 0-7647'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7300' - 7544' BASIN DAKOTA

25. TYPE ELECTRIC AND OTHER LOGS RUN
Z-DEN/CNL/DIFL/4 ARM CALIPER/SP/GR

26. 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# | 356' | 12 1/4" | 240 SX CL"B" (75 SX TO SURF) | |
| 5 1/2" | 17# | 7647' | 7 7/8" | 1) 225 SX 50:50:4 + 150 SX CL"B" (CIRC) 2) 285 SX 50:50:4 + 80 SX CL"B" (CIRC) 3) 378 SX A-2 + 455 SX 50:50:4+80 SX CL"B" | |
| | UPPER DV @ | 3381' | | | |
| | LOWER DV @ | 5834' | | | |

| 29. LINER RECORD | | | | 30. TUBING RECORD (CIRC 95 SX TO SURF) | | | |
|------------------|----------|-------------|---------------|--|--------|----------------|-----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| | | | | | 2 3/8" | 5291' | |

| 31. PREPARATION RECORD (Interval, size and number) | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|---|------------------|--|---|
| INTERVAL | SIZE | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| 7300'-16', 7336'-44', 7426'-50', 7472'-80', 7484'-7508', 7514'-24', 7534'-44' | 4 SPF, 400 HOLES | 7300'-7544' | 46,578 GALS 35# X-LINKED GELLED 2% KCL WTR. W/251,100# 20/40 MESH OTTAWA SAND |

33. PRODUCTION
DATE FIRST PRODUCTION
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING
WELL STATUS (Producing or shut-in) S.I.

| DATE OF TEST | HOURS TESTED | CHOKER SIZE | PROD'N. FOR TEST PERIOD | OIL—BSL. | GAS—MCF. | WATER—BSL. | GAS-OIL RATIO |
|---------------------|-----------------|-------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 6/14/93 | 24 HRS. | 64/64 | | 11 | 684 | 1 | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BSL. | GAS—MCF. | WATER—BSL. | OIL GRAVITY—API (CORR.) | |
| 200 | 300 | | | | | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED
TEST WITNESSED BY LES GIMBEL
ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS
NOTE: MESA VERDE AND DAKOTA COMMINGLED - SEE ATTACHED DIAGRAM.

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

SIGNED: C.O. Papp
TITLE: FIELD SUPERINTENDENT
FARMINGTON DISTRICT OFFICE
6/23/93
NMOCD

File 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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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 | TOP | |
|-----------------|-------|--------|--------------------------------|-----------------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| FRUITLAND | 2808' | 3038' | COAL, GAS | OJO ALAMO | 2103' | 2103' |
| PICTURED CLIFFS | 3038' | 3197' | SS, GAS, 10-17% \emptyset | KIRTLAND | 2464' | 2464' |
| CHACRA SS | 3967' | 4192' | SS, GAS, 9-12% \emptyset | FRUITLAND | 2808' | 2808' |
| CLIFF HOUSE | 4756' | 4860' | SS, GAS, 6-15% \emptyset | PICTURED CLIFFS | 3038' | 3038' |
| MENEFE | 4860' | 5302' | COAL/SS, GAS | LEWIS | 3197' | 3197' |
| PT. LOOKOUT | 5302' | 5676' | SS, GAS, 10-12% \emptyset | CHACRA SS | 3967' | 3967' |
| TOCITO SS | 6834' | 6862' | SS, GAS/OIL, TT, SLTY | CLIFF HOUSE | 4756' | 4756' |
| GRANEROS SS | 7300' | 7356' | SS, GAS, 4-9% \emptyset | MENEFE | 4860' | 4860' |
| DAKOTA | 7425' | 7562' | SS, GAS/OIL, 2-12% \emptyset | PT. LOOKOUT | 5302' | 5302' |
| | | | | MANCOS | 5676' | 5676' |
| | | | | GALLUP | 6284' | 6284' |
| | | | | TOCITO SS | 6834' | 6834' |
| | | | | GREENHORN | 7200' | 7200' |
| | | | | GRANEROS | 7266' | 7266' |
| | | | | DAKOTA | 7425' | 7425' |
| | | | | BURRO CANYON | 7562' | 7562' |

RINCON UNIT NO. 174-M
 1775' FNL, 1540' FWL, SEC 19, T27N-R6W
 RIO ARRIBA COUNTY, NM

12-1/4" Hole

KB Datum 13' Above GL

7-7/8" Hole

8-5/8" 24# J-55 @ 356'
 CMT W/ 240 SX - CIRC TO SURF

169 Jts, 2-3/8", 4.7# EUE J-55 tbg.
 (FHD @ 5291')

DV TOOL @ 3381'

Cmt'd Stage #3 w/ 913 sxs
 Circ to surface

UPPER MESAVERDE
 4756-4812' (224 Shots) W/ 4 SPF

"F" Nipple @ 5259'

Sawtooth Collar @ 5290'

LOWER MESAVERDE
 5040-50, 5054-78, 5170-78, 5182-90, 5304-40'
 W/ 4 SPF (344 Shots)

Top of Fish @ 5306'

Fish: Supermill, 2 - 3-1/2" Drill Collars, X-Over, Fire-sub,
 1'+/- of 2-3/8" Tbg

BP @ 5370' - Partially Drilled, Reported Pressure & Fluids
 Past Plug when drilling out

DV TOOL @ 5834'
 Cmt'd Stage #2 w/ 365 sxs

DAKOTA
 7300-16, 7336-44, 7426-50, 7472-80, 7484-7508'
 7514-24, 7534-44 W/ 4 SPF (400 Shots)

PBTD = 7602'
 TD = 7648'

5-1/2", 17# N-80 & K-55 @ 7647'
 Cmt'd Stage #1 w/ 375 sxs

