

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

(See other in-  
structions on  
reverse side)

4. LEASE DESIGNATION AND SERIAL NO.

SF-079364

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Rincon Unit

8. NAME OR LEASE NAME

Rincon Unit

9. WELL NO.

#135E

10. FIELD AND POOL OR WILDCAT

Basin Dakota

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

D Sec. 29-T27N-R6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL:

WELL ☐

CAR ☐

DRY ☐

Other

2. TYPE OF COMPLETION:

NEW ☒

WORK ☐

DEEP- ☐

PLUG ☐

DIFF. ☐

Other

3. NAME OF OPERATOR

Union Oil Company of California dba Unocal

4. ADDRESS OF OPERATOR

3300 N. Butler, Suite 200, Farmington, New Mexico 84701

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

At surface

790' FNL, 790' FWL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

30-039-25225

DATE ISSUED

15. DATE SPUDDED

10/09/92

16. DATE T.D. REACHED

10/24/92

17. DATE COMPL. (Ready to prod.)

03/27/93

18. ELEVATIONS (OF, RKB, ST, GR, ETC.)\*

6583' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7690'

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

7650'

22. IF MULTIPLE COMPL., HOW MANY\*

2

23. INTERVALS DRILLED BY

0-7690'

ROTARY TOOLS

0-7690'

CABLE TOOLS

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

7338' - 7596' w/4 SPF

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-SP(7687'-357'); Den-Neu (7640'-330'); Sonic(7686'-330')

27. WAS WELL CORRED

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# J-55       | 359'           | 12 1/4"   | SEE ATTACHED     |               |
| 5 1/2"      | 17#, N-80:J-55 | 7689'          | 7 7/8"    |                  |               |
|             | Upper DV @     | 3333'          |           |                  |               |
|             | Lower DV @     | 5831'          |           |                  |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 3/8" | 7460'          | 4116'           |

31. PERFORATION RECORD (Interval, size and number)

7338' - 60'; 7370' - 92'; 7468' - 90'  
7510' - 54'; 7578' - 50'

w/ 4 SPF

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 7338'-7596'         | 962 BBLS X-Linked Gel            |
|                     | 35#; 693 BBLS X-Linked Gel       |
|                     | 35#; w/255,800# 20/40            |
|                     | Brady Sand                       |

33. PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCT TYPE (Methane, Natural Gas, etc.) |                         |          |            | WELL STATUS (Producing or Shut-in) |               |
|-----------------------|-----------------|-------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
|                       |                 | Flowing                                   |                         |          |            | Shut-in                            |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                | PROD'N. FOR TEST PERIOD | OIL—BSL. | GAS—MCF.   | WATER—BSL.                         | GAS-OIL RATIO |
| 01/20/93              | 24 Hrs.         | 16/64"                                    | →                       | 0        | 1398       | 32                                 |               |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                   | OIL—BSL.                | GAS—MCF. | WATER—BSL. | OIL GRAVITY-API (CORR.)            |               |
| 1490                  |                 | →                                         |                         |          |            |                                    |               |

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

Vented

TEST WITNESSED BY

Les Gimbel

35. LIST OF ATTACHMENTS

Cementing Record

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

SIGNED

Glen O. Papp

TITLE

Production Engineer

DATE

4/2/93

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

APR 09 1993

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, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of such department or agency.

GP/sl

NMODD

BY

Shm

ACCEPTED FOR RECORD

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):

| FORMATION       | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME            | TOP         |                  |
|-----------------|-------|--------|-----------------------------|-----------------|-------------|------------------|
|                 |       |        |                             |                 | MEAS. DEPTH | TRUE VERT. DEPT. |
| Fruitland       | 2897' | 3092'  | Coal, Gas                   | Ojo Alamo       | 2246'       | 2246'            |
| Pictured Cliffs | 3092' | 3248'  | SS, Gas, 10-16% $\emptyset$ | Kirtland        | 2539'       | 2539'            |
| Chacra SS       | 4020' | 4250'  | SS, Gas, 11% $\emptyset$    | Fruitland       | 2897'       | 2897'            |
| Cliff House     | 4800' | 4926'  | SS, Gas, 12% $\emptyset$    | Pictured Cliffs | 3092'       | 3092'            |
| Menefee         | 4926' | 5338'  | Coal/SS, Gas                | Lewis           | 3248'       | 3248'            |
| Pt. Lookout     | 5338' | 5714'  | SS, Gas, 8% $\emptyset$     | Chacra SS       | 4020'       | 4020'            |
| Tocito SS       | 6882' | 6892'  | SS, Gas/Oil, tt, slty       | Cliff House     | 4800'       | 4800'            |
| Graneros SS     | 7338' | 7458'  | SS, Gas, 8% $\emptyset$     | Menefee         | 4926'       | 4926'            |
| Dakota          | 7469' | 7598'  | SS, Gas, 7% $\emptyset$     | Pt. Lookout     | 5338'       | 5338'            |
|                 |       |        |                             | Mancos          | 5714'       | 5714'            |
|                 |       |        |                             | Gallup          | 6321'       | 6321'            |
|                 |       |        |                             | Tocito SS       | 6882'       | 6882'            |
|                 |       |        |                             | Greenhorn       | 7238'       | 7238'            |
|                 |       |        |                             | Graneros        | 7305'       | 7305'            |
|                 |       |        |                             | Dakota          | 7469'       | 7469'            |
|                 |       |        |                             | Burro Canyon    | 7598'       | 7598'            |

## 38. GEOLOGIC MARKERS

|                            |                    |
|----------------------------|--------------------|
| LEASE NAME & NO.:          | RINCON UNIT #135E  |
| API NO.:                   | 30-039-25225       |
| STATE OIL & GAS LEASE NO.: | SF-079364          |
| UNIT LETTER:               | D SEC. 29-T27N-R6W |

## CEMENTING REPORT

SURFACE CSG: 240 SX CL "B"

PRODUCTION CSG:

CEMENTED IN 3 STAGES:

1ST STAGE; 550 SX 50-50-4 + 2 TAILED W/ 150 SX PREM CMT  
(GOOD CIRCULATION THROUGHOUT STAGE 1)

2ND STAGE; 433 SX 50-50-4 + 4 TAILED W/ 60 SX PERM CMT  
(CIRCULATED WHILE WOC)

3RD STAGE; 433 SX CL "B" + 3& BJA2 + 4  
TAILED W/ 431 SX 50-50-4 + 4  
(GOOD CIRCULATION THROUGHOUT ALL STAGES)

SQUEEZED CHACRA: 4095'-96' W/4 SPF  
150 SX CL "B" NEAT + 50 SX CL "B" (SPOTTED IN CSG.)

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-107  
Revised 4-1-91

Filing Instructions  
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APPLICATION FOR MULTIPLE COMPLETION

|                                                                                            |          |                             |            |
|--------------------------------------------------------------------------------------------|----------|-----------------------------|------------|
| Operator                                                                                   | Address  |                             |            |
| Union Oil Company of California dba Unocal 3300 N. Butler, Suite 200, Farmington, N.M. 874 |          |                             |            |
| Lease                                                                                      | Well No. | Unit Ltr. - Sec - Twp - Rge | County     |
| Rincon Unit                                                                                | #135E    | D Sec. 29-T27N-R6W          | Rio Arriba |

All applicants for multiple completion must complete Items 1 and 2 below.

| 1. The following facts are submitted:                                                                                               | Upper Zone                    | Intermediate Zone | Lower Zone                      |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------|---------------------------------|
| a. Name of Pool and Formation                                                                                                       | Otero Chacra                  |                   | Basin Dakota                    |
| b. Top and Bottom of Pay Section (Perforations)                                                                                     | 4080'-4096'                   |                   | 7338'-7596'                     |
| c. Type of production (Oil or Gas)                                                                                                  | Gas                           |                   | Gas                             |
| d. Method of Production (Flowing or Artificial Lift)                                                                                | Flowing                       |                   | Flowing                         |
| e. Daily Production<br><input type="checkbox"/> Actual<br><input type="checkbox"/> Estimated<br>Oil Bbls.<br>Gas MCF<br>Water Bbls. | 0 BOPD<br>171 MCF/D<br>0 BWPD |                   | 0 BOPD<br>1398 MCF/D<br>32 BWPD |

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

I hereby certify above information is true and complete to best of my knowledge, and belief.

Signature

Printed Name & Title Glen Papp-Production Engineer

Date 4/2/93 Telephone 505-326-7600

OIL CONSERVATION DIVISION

Approved by: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

GP/s1

**RINCON UNIT NO. 135-E**  
790' FNL, 790' FWL, SEC 29, T27N-R6W  
RIO ARRIBA COUNTY, NM

KB Datum 13' Above GL  
Ground Elevation = 6583'

12-1/4" Hole

8-5/8" 24# J-55 @ 359'  
CMT'D / 240 SX  
CIRC TO SURF

7-7/8" Hole

DV TOOL @ 3333'  
Stage #3 CMT'D w/ 864 sxs

TOP of CMT @ 4050' by Cement Bond Log  
after CMT Squeeze

SQZ holes @ 4095-96'  
Sqz'd w/ 150 sxs

CHACRA  
4080-96' W/ 4 SPF

Sliding Sleeve  
@ 4107'

Guiberson UNI-VI  
PKR @ 4116'

TOP of CMT @ 4500' by Cement Bond Log  
after 3-Stage CMT Job on 5-1/2" String

DV TOOL @ 5833'  
Stage #2 CMT'D w/ 493 sxs

DAKOTA  
7338-60, 7370-92, 7468-90, 7510-54'  
7578-96' W/ 4 SPF

5-1/2", 17# N-80 & J-55 @ 7689'  
Stage #1 CMT'D w/ 700 sxs

TUBING DETAIL  
236 JTS 2-3/8" 4.7# EUE 8RD  
J-55 TBG  
(FHD @ 7460')

PBTD = 7650'

TD = 7690'