

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

SE 080385

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P.O. Box 2620, Casper, WY 82602, 307-234-1563

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

790' FSL & 990' FEL, SEC. 35, T27N-R7W

RINCON UNIT

8. Well Name and No.

RINCON UNIT 187E

9. API Well No.

30-039-25361

10. Field and Pool, or Exploratory Area

BAS DAK/LAR GALL

11. County or Parish, State

RIO ARriba CO., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

~~SUPPLEMENTAL WELL HISTORY~~

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED SUPPLEMENTAL  
WELL HISTORY

RECEIVED  
DEC - 8 1994  
OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Jim Benson

Title Drilling Superintendent

Date December 1, 1994

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

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 its jurisdiction.

\*See Instruction on Reverse Side

FARMINGTON DISTRICT OFFICE

BY

SW

**Well Name: RINCON UNIT-RINCON--187-E  
SUPPLEMENTARY WELL HISTORY**

07/29/1994 DTD 372' MIRU ARAPAHOE DRLG RIG #2. SPUDDED WELL @ 9:30 PM 7/28/94. DRDL TO 372'.

07/30/1994 DTD 451' RAN 8 JTS OF 8-5/8" 24# J-55 ST&C CSG TO 369'. CMTD W/250 SX "G" W/2% CACL2 1/4 PPS FLOWSEAL MXIED @ 15.8 PPG (1.16 YLD). BUMPED PLUG W/500 PSI. CIRC 58 SX CMT TO PIT. WOC 6 HRS. BACKED OFF LANDING JT. N/U BOP. TESTED BLIND RAMS & CSG TO 1500 PSI. TESTED PIPE RAMS TO 1500 PSI. TIH. DRDL FC & 45' CMT. DRDL TO 451'.

07/31/1994 DTD 2,210' DRDL TO 2,210'.

08/01/1994 DTD 3,064' DRDL TO 3,064'.

08/02/1994 DTD 3,715'  
DRDL TO 3,600' & PUMPED 80 BBL LCM SWEEP & CONT DRLG. RAN 20 BBL SWEEP @ 3,645'. DRDL TO 3,715'.

08/03/1994 DTD 4,202' DRDL TO 4,202'.

08/04/1994 DTD 4,490' DRDL TO 4,370'. TRIPPED FOR BIT. DRDL TO 4,490'.

08/05/1994 DTD 4,848' DRDL TO 4,848' W/20 BBL SWEEPS PER 200'.

08/06/1994 MADE 20 BBL SWEEPS @ 4,829'-5,109'. DRDL TO 5,210'.

08/07/1994 DRDL TO 5,479' & LOST CIRC. PUMPED 350 BBL LCM PILL & 100% CIRC RETURNED. DRDL TO 5,540'.

08/08/1994 DRDL TO 5,551'. TRIPPED FOR BIT. WASHED 10' TO BTM. LOSS OF 80 BBLS MUD WHILE TRIPPING. DRDL TO 6,020'.  
R/D FRAC EQPT. TLTR - 1629 BLW.

08/09/1994 DRDL TO 6,640'.

08/10/1994 DRDL TO 7,226' & LOST 90 BBLS MUD. CONT DRLG TO 7,242'.

08/11/1994 DRDL TO 7,357'. POOH FOR NEW BIT. TIH & DRDL TO 7,439'.

08/12/1994 DRDL TO 7,575'.

08/13/1994 DRDL TO TD @ 7,610'. CIRC HOLE CLEAN & MADE 6 STD SHORT TRIP. CIRC B/U & POOH. R/U EL. RAN DIL/GR/SP/CAL FROM 369'-TD & DENS/NEU/GR/PE FROM 2,750' TO TD. R/D EL.

08/14/1994 TIH TO 500'. SLIPPED & CUT DRILL LINE. CONT TIH TO 7,610'. CIRC/COND MUD. SPOTTED 50 BBLS LCM PILL ON BTM. POOH, L/D DP. CHANGED RAMS IN BOP TO 5-1/2". RAN 5-1/2" CASING TO 7,610'. DROPPED BALL & SHEARED ORIFICE IN FLOAT @ 600 PSI. SEAT IN

GUIDE SHOE SHEARED AFTER SEVERAL ATTEMPTS AT 2500 PSI.  
STARTED MIXING CMT.

- 08/15/1994 RAN 5-1/2" 15.5# & 17# J-55 CSG & TAGGED BTM @ 7,518'. CIRC 2 HRS. PUMPED 2 STAGE CMT JOB AS FOLLOWS: 10 BBLS CHEMWASH, 510 SX 50/50 G:POZ W/1/4 PPS D-29 + 5 PPS D-42 + 2 PPS MAG FIBER + 0.4% D-112 + 0.1% D-800 0.2% D-46 & 175 SX CL "G" W/1.5% B-14 + 2 PPS MAG FIBER + 0.1% D-800 + 0.2% D-46. DROPPED 1ST PLUG & DISPL W/70 BBLS WTR & 110 BBLS MUD. BUMPED PLUG W/2050 PSI @ 0400 HRS. OPENED DV TOOL W/700 PSI. CIRC/COND 4 HRS W/40 SX CMT RET TO SURFACE. PUMPED 10 BBLS CHEMICAL WASH & 600 SX OF 65/35 POZ + 12% GEL + 10% SALT + 1/4 PPS D-29 + 5 PPS D-42 + 2 PPS MAG FIBER + 0.2% D-46. FOLLOWED W/190 SX 50/50 POZ W/2% GEL + 1/4 PPS D-29 5 PPS D-42 + 2 PPS MAG FIBER + 0.4% D-112 + 0.2% D-46. PUMPED 175 SX "G" W/1.5 PPS B-14 + 0.1% D-800 + 0.2% W/2700 PSI. HAD 20 SX CMT RETURNS TO SURFACE ON 2ND STAGE. LIFTED BOP'S & SET SLIPS W/110M. MADE FINAL CUT. RELEASE RIG @ 1400 HRS 8/15/94.
- 10/19/1994 MIRU AZTEC RIG 391. N/U BOP. HOOKED UP 6" BLOOIE LINE. SWI & SDFN.
- 10/20/1994 TESTED BOP'S & 5-1/2" CSG TO 2500 PSI. PU & TIH W/4-3/8" BIT & 6 - 3-1/8" DC'S WHILE PU 2-3/8" TBG. TAGGED CMT @ 4,898'. DRLD CMT FROM 4,898' TO DV TOOL @ 5,079'. DRLD DV TOOL & TESTED 5-1/2" CSG TO 2500 PSI. TIH TO 7,475' & CIRC HOLE CLEAN. PULLED 4 JTS & SDFN.
- 10/21/1994 TIH TO 7,475'. DISPL HOLE W/175 BBLS 2% KCL WTR. POOH, L/D 6 - 3-1/8" DC'S. R/U WL. RAN GR-CCL CORRLEATION LOG FROM 7,469'-7,000'. PERF'D THE DAKOTA W/3-3/8" CSG GUNS W/2 SPF, 120 DEG PHSG & 19 GM CHGS AS FOLLOWS: 7,308'-28'; 7,344'-50'; 7,355'-65'; 7,372'-88' & 7,392'-99'. HAD NO CHANGE IN FL AFTER PERFORATING. R/D WL. INSTALLED ISOLATION TOOL.
- 10/22/1994 RU ISOLATION TOOL & FRAC EQPT. HELD SAFETY MTG. TESTED LINE TO 5000 PSI. LOADED HOLE W/15 BBLS 2% KCL WTR. FORMATION BROKE @ 2400 PSI. PUMPED 30 BBLS 2% KCL WTR @ 32 BPM & 2600 PSI. ISIP - 1400 PSI. STARTED ACID @ 5 BPM W/BALL SEALERS. PUMPED 750 GALS 7.5% HCL. DISPL W/2% KCL @ 30 BPM FROM 2450-3300 PSI. HAD SOME BALL ACTION. R/U EL. TIH W/4-3/4" JB & REC 2 BALL SEALERS. MADE ANOTHER JB RUN W/NO RECOVERY. R/D EL. PUMPED 30 BBLS 2% KCL WTR @ 31 BPM W/2400 PSI. ISIP - 1400 PSI. PUMPED 100 BBLS 2% KCL WTR @ 2460 SPI. ISIP - 1500 PSI. FRAC'D THE DAKOTA VIA 5-1/2" CSG W/VIKING ID-33 GEL. PMPED 357 BBLS PAD @ 40 BPM & 2300 PSI. RAMPED 20/40 MESH OTTAWA SAND FROM 2-8 PPG @ 40 BPM & 1400-2400 PSI. PUMPED TOTAL OF 200M# 20/40 MESH OTTAWA SAND. TOTAL FLUID - 1629 BLW. ISIP - 1850 PSI. 5/10/15/30 MIN SIP - 1700/1600/1450/1250 PSI. SIW & R/D FRAC EQPT. TLTR - 1629 BLW.
- 10/23/1994 L/D ISOLATION TOOL. PU 2-3/8" NOTCHED COLLAR & TIH W/2-3/8" TBG. TAGGED SAND @ 7,227' (81' OF SAND ABOVE TOP DAKOTA PERF). WASHED SAND OUT TO ETD @ 7,470'. POOH W/2-3/8" TBG. R/U EL. TIH & SET BAKER RBP @ 7,280'. TESTED PLUG TO 2500 PSI. SPOTTED 2 SX SAND ON PLUG W/DUMP BAILER. PERF'D THE GRANEROS W/3-3/8" CSG GUN @ 4 SPF, 90 DEG PHSG & 19 GM CHGS FROM 7,202'-22'. R/D EL. R/U ISOLATION TOOL. SDFN.

10/24/1994 R/U FRAC EQPT. HELD SAFETY MTG. TESTED FRAC LINES TO 4500 PSI. FORMATION BROKE @ 2800 PSI. PUMPED 50 BBLS 2% KCL WTR @ 30 BPM W/2700 PSI. ISIP - 1600 PSI; 5/15 MIN SIP - 800/100 PSI. FRAC'D THE GRANEROS DOWN 5-1/2" CSG W/VIKING I-CROSS-LINKED GEL. PUMPED 167 BBLS PAD & RAMPED SAND CONC FROM 2-8 PPG W/20/40 MESH OTTAWA SAND. DISPL W/166 BBLS 2% KCL WTR @ AVG RATE OF 30 BPM W/2700 PSI. MAX TREATING PRESS - 2900 PSI. PUMPED TOTAL OF 86M# OF 20/40 MESH OTTAWA SAND. TLTR - 740 BW. ISIP - 2400 PSI; 5/10/15 MIN SIP - 2100/1760/1600 PSI. SWI & F/D FRAC EQPT. SDFN. TL FROM GRANEROS & DAKOTA - 2369 BLW

10/25/1994 HAD 18 HR SICP OF 0 PSI. PULLED ISOLATION TOOL OUT OF BOP. HOOKED UP BLOOIE LINE. TIH W/BAKER RET TOOL. TAGGED SAND @ 7,011'. HAD 191' OF SAND OVER GRANEROS PERFS @ 7,202'. WASHED SAND DOWN TO RBP @ 7,280'. LATCHED ONTO RBP. EQUALIZED PRESSURE. POOH & L/D RBP. PU 2-3/8" NOTCHED COLLAR, 1 JT, SN & TIH TO 2,838'. SWI & SDFN.

10/26/1994 HAD 16 HR SITP OF 250 PSI & SICP OF 150 PSI. R/U AIR. UNLOADED HOLE W/AIR. RAN 2-3/8" TBG IN HOLE & TAGGED SAND FILL @ 7,430'. CLEANED SAND OUT W/AIR FROM 7,430'-ETD @ 7,470'. PULLED 5 STDS FOR SAFETY & LEFT WELL FLOWING THRU 2-3/8" TBG OVERNIGHT. SDFN.

10/27/1994 FLOWED WELL TO FLARE PIT OVERNIGHT. FLOWED UP 2-3/8" TBG W/200 PSI FTP & 450 PSI SICP ON 24/64" ADJ CK. BLEW WELL DOWN. TIH W/5 STDS. HAD 20' OF SAND FILL OVERNIGHT. JETTED W/AIR & CLEANED OUT TO ETD @ 7,470'. PUMPED 6-10 BBLS 2% KCL SWEEPS WITH 1 GAL OF SOAP. WELL DRIED UP. PULLED 3 STDS W/END OF TBG @ 7,260'. STARTED 24 HR WELL TEST. REC 175 BLW, LEAVING 1944 BLTR.

10/28/1994 FLOW TESTED GRANEROS & DAKOTA SIMULTANEOUSLY THRU 2-3/8" TBG & 3/4" ORIFICE TESTER. LAST 5 HRS, GAS RATE STEADY @ 750 MCFD W/72 PSI FTP & 375 PSI CP W/NO OIL OR WATER. SWI & 1800 HRS ON 10/27/94 FOR BUILD-UP.

10/29/1994 HAD 13 HR SICP/SITP OF 1350 PSI. BLEW WELL DOWN ON ADJ CHOKE IN. 1.5 HRS. TIH W/2-3/8" TBG. NO SAND FILL. POOH, L/D 4 JTS OF TBG. RAN & LANDED 223 JTS OF 2-3/8" 4.7# J-55 TBG @ 7,373' W/SN @ 7,339'. N/D BOP & INSTALLED WELLHEAD. RDMO. TURNED OVER TO PRODUCTION DEPT 10/28/94.