

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.

SF 080385

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Rincon

8. Well Name and No.

Rincon Unit #169M

9. API Well No.

30-039-26209

10. Field and Pool, or Exploratory Area

Basin Dakota / Blanco Mesa Verde

11. County or Parish/State

Rio Arriba, NM

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 671 - Midland, TX 79702 (915) 685-7607

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

1165' FSL & 1030' FEL
Sec. 26, T27N, R7W

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

☒ Other Completion Work

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

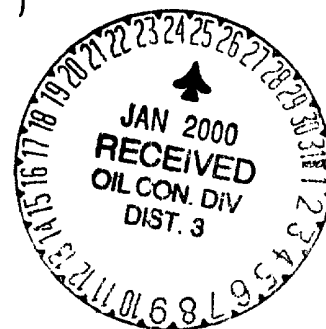
☐ Conversion to Injection

☐ Dispose Water

(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 "Well History"



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

Signed

Charlotte Beeson

Title

Regulatory Clerk

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date JAN 20 2000

FARMINGTON FIELD OFFICE

BY

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

NMCO

Well History Report

Well Name: RINCON-RINCON UNIT-169M

Page: 2

BLOWING CONN 30 SEC LONGER FOR CLEAN UP.

10/16/1999 (GINANNI) DUST DRLG 6-1/4 HOLE W/ 2 COMP 4048-4516, 117 FPH. SERVICE RIG. DUST DRLG 6-1/4 HOLE W/2 COMP 4516-5736, 90 FPH. SERVICE RIG. DUST DRLG 6-1/4 HOLE W/2 COMP 5736-6269. 92 FPH.

AIR DRLG W/GOOD DUST, OCCASIONAL CONNECTION & DOWNTIME FLARE, NO DRAG OR PROBLEMS. (TOT 6-1/4 FTG = 3749'/39.5 HR 95 FPH AV)

10/17/1999 (GINANNI) DUST DRLG 6269-6900 W/ 2 COMP @ 120 FPH. SERVICE RIG & PUT N2 FILTER ON HOLE. DUST DRLG 6900-7118 @ 79 FPH, HAMMER QUIT @ 7118. POOH W/ HAMMER. FOUND TONG DIE & BUSTED FLOAT PARTS INSIDE HAMMER. BIT IN GOOD COND & IN GAGE. MU NEW HAMMER & TEST FIRE OK. SERVICE RIG. TIH W/ HAMMER. BLOW HOLE TO BTM. NO FILL. DUST DRLG W/ 2 COMP & N2 UNIT 7118-7200 @ 66 FPH. SERVICE RIG. DUST DRLG W/2 COMP & N2 UNIT 7200-7400 @ 50 FPH.

DRLG W/ GOOD DUST, GOOD GAS FLAME AT 6500. CURRENT CONNECTION & DT FLAMES ONLY (TOT FTG 4880/52-3/4 HR 93 FPH AV)

10/18/1999 (GINANNI) DRILLED TO 7621' TD @ 12:45 PM 10-17-99. BLOW HOLE & POH LDDS. R&C 167 & 1 PC (7609') 4-1/2 11.6 N80 LTC @ 7621 W/ FC@ 7574. BJ PUMP 20 BBL GEL, 10 BFW & 475 SX B 65/35 POZ & 10# CSE & 1/4# CF & .2% CS 32 + .65% FL 62 +6% GEL & 3% KCL @ 12.5 PPG DISP & BUMP PLUG W/ 117 BFW @ 9-2 BPM 1000-2400 PSI. FLOAT HELD CIRC GEL WATER ONLY. PD @ 1:45 AM 10-18-99. RIG RELEASED @ 4:00 AM.

4-1/2" CASING DETAIL

1.42		4-1/2" WEATHERFORD FLOAT SHOE W CAST IRON BAFFLE PLATE
44.24	1 JT	4-1/2" 11.6# N-80 8RD LT&C CSG
1.25		4-1/2" WEATHERFORD FLOAT COLLAR
7,541.07	166 JTS	4-1/2" 11.6# N-80 8RD LT&C CSG
21.02	1 PC	4-1/2" DITTO CSG

7,609.00		TOTAL CSG (167 JTS + 1 PC)
12.00		BKB

7,621.00		FHD

10/19/1999 (GINANNI) MORT. NU 11" 3M X 7-1/16" 3M WELLHEAD & SET 2-3/8" 8RD TREE. RU SCHLUMBERGER. RAN TEMP GR/CCL FROM SURFACE TO 7485' ETD AFTER 13-1/2 HRS WOC. UNABLE TO FIND CERTAIN TOC. RD WL. SWI-SDON.

10/31/1999 (BOONE) FLUIDS: 8.6 PPG FW. HELD SAFETY MTG. RU AZTEC WELL SERVICE RIG #469. INSPECT RIG. TIH W/ 197 JTS 2-3/8" TBG, 6 DC'S, & HUGHES 3-7/8" BIT. SDON.

11/1/1999 (BOONE) FLUIDS: 8.6 PPG FW. HELD SAFETY MTG. TIH W/ 2-3/8" TBG. TAG CMT @ 7491'. DRILLED OUT TO 7611'. CIRC HOLE W/ 2% KCL. TEST CSG TO 2500#, HELD OK. TOH W/ WS TO DC. SDON.

11/2/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. LD DC. ND BOP. NU WELLHEAD. RIG DOWN RIG & EQPT TO MOVE.

11/4/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RU HALLIBURTON MAST TRUCK. RAN GR & CCL LOGS TO CORRELATE BACK TO SCHLUMBERGER LOGS. RD HALLIBURTON.

11/12/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RIG UP RIG & EQUIPMENT. INSPECT RIG & QUIPMENT. RU BASIN WIRELINE SERVICE. PERFORATE DAKOTA FORMATION 1 JSPF @ 7497', 7502', 7504', 7506', 7510', 7513', 7530', 7532', 7552', 7558', 7562', 7565', 7570', 7602' TOTAL 14 HOLES. PERFORATE GRANEROS FORMATION 1 JSPF @ 7378', 7380', 7382', 7392', 7396', 7400', TOTAL OF 6 HOLES. RD WIRELINE TRUCK. UNLOADED 250 JTS 2 3/8 TUBING ON TO RACKS MADE READY TO RUN PK IN AM.

Well Name: RINCON-RINCON UNIT-169M

Page: 3

- 11/13/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. TALLY & PICK UP 230 JTS 2 3/8" TUBING. RTTS HALLIBURTON PK SET @ 7248'. PRESSURE TEST CSG & PK TO 500#S. RIGGED UP SWAB LINE. RAN SAND LINE TOP OF PK TO INSPECT LINE. SHUT DOWN TILL MONDAY. ACID JOB SET UP @ 0770
- 11/16/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RU BJ SERVICES TO ACIDIZE WELL. DAKOTA FORMATION BROKE @ 3100#S, 3 BBLs PER MIN @ 3000#S. PUMPED 1000 GAL ACID WITH BALL SEALERS SPACED AT 2 BALLS PER 2 BBLs ACID. BALLED OFF FORMATION TO 3800#S WITH 4 GOOD BREAKS DURING ACID JOB. ISIP OF 1300#S. 10 MIN SHUT IN OF 800#S. OPENED WELL UP TO BLOW PIT. FLOWED DOWN IN 10 MIN. RU TO SWAB WELL. SWABBED WELL DOWN IN 18 PULLS WITH HEAVY GAS ON LAST 5 SWAB RUNS (GAS BUT FLUID FROM SEATING NIPPLE @ 7241') 54 BLS RECOVERED OF 74 BBLs OF FLUID PUMPED. SDON.
- 11/17/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. CHECK WELL PRESSURE 250# ON TUBING. MADE SWAB RUN TAGGED FLUID @ 6500'. GAS CUT FLUID ON RETURNS. RD SWAB TOOLS. RELEASED PK. LAY DOWN TUBING. NIPPLE DOWN BOP. NIPPLE UP WELL HEAD. RD EQUIPMENT & RIG. SDON.
- 11/18/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. CHECK WELL PRESSURE 1400#S. BLED DOWN WELL. RU STINGER HYD VALVE. NIPPLE UP FLOW BACK LINES. SDON.
- 11/19/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RIG UP TREE SAVER. RU BJ SERVICES TO FRAC. TEST FRAC LINES TO 6000#S. FRAC WELL W/ 72800 GAL FOAM 35# GEL (22218 GALS) AS 70% QUAL. FOAM + 155520#S OF 20/40 SAND IN 9 TO 13.5 PPA @ 30 BLS PPM. TREATING PRESSURES 4000#, 4600#, 4700#, ISIP 3700#, 5 MIN 3030#, 10 MIN 2960#, 15 MIN 2920#, RD BJ SERVICES. RU FLOW BACK LINES OPEN WELL UP ON 6/64TH CHOKE W/ 2900#S FLOWING TO PIT. LEFT WELL FLOWING W/ FLOWBACK CREW ON LOCATION.
- 11/20/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. 0600 CONTINUE TO FLOW WELL BACK THRU 6/64TH CHOKE. FLOWING @ 200# W/ N2 FOAM ON RETURNS. 0800, WELL FLOWING @ 50# N2 W/ FOAM ON RETURNS. 10:00 REMOVED CHOKE FROM LINE WELL BLEW DOWN TO SLIGHT BLOW ON 2" TO PIT. 12:00 SHUT WELL IN.
- 11/21/1999 (BOONE) FLUID: 8.6 PPG FW. WELL SHUT IN 24 HR PRESSURE 350#.
- 11/22/1999 (BOONE) FLUID: 8.6 PPG FW. WELL SHUT IN 36 HR SHUT IN PRESSURE 750#. OPENED WELL UP ON 6/64 CHOKE LEFT WELL FLOWING TO PIT.
- 11/23/1999 (BOONE) FLUID: 8.6 PPG FW. RU JET WEST TO RUN GAGE TING. TAGGED UP ON FILL @ 1997'. TOH W/ GAGE RING. RD JET WEST. SHUT WELL IN.
- 11/24/1999 (BOONE) FLUID: 8.6 PPG FW. MIRU AZTEC WELL SERVICE # 469. HELD SAFETY MEETING & RIG AUDIT. FOUND CSG VALVE ON TUBING HEAD OPEN TO PIT & FROZEN. CP 30#S. RU JET WEST WIRELINE. RUN W/ 3.75 OD GAUGE RING & JUNK BASKET TAGGED @ 1997'. NO CHANGE IN DEPTH. POH W/ GAUGE RING & JUNK BASKET. RD JET WEST BLED WELL DOWN TO PIT. ND 7 1/16 HCR VALVE. NU 7 1/16 3M HVOR BOP & 7 1/16 3M FLOW TEE, BLOOIE LINE & STRIPPER HEAD. PU 3 7/8" BIT, BIT SUB & 60 JTS 2 3/8" TUBING. TIH TO 1886'. SDON.
- 11/25/1999 (MABE) FLUIDS: 8.6 PPG FW HELD SAFETY MTG. RD 7" BLOOIE LINE. NU CHOKE MANIFOLD TO CASING VALVES. PU 3 JTS 2 3/8" TUBING. TAGGED BRIDGE @ 1997'. SHUT PUPE RAMS. BROKE CIRC W/ RIG PUMP. WASHED BRIDGE LOOSE (UNBROKE GEL & SAND) 1500#S TO CHOKE MANIFOLD ON TWO 1/8" CHOKE NIPPLES. DRY N2 ON RETURNS FOR 20 MINS. FOAM W/ LIGHT SAND @ 1200#S. CHANGED OUT CHOKE NIPPLE TO 14/64 FLOWED WELL FOR 2 HRS. LIGHT FOAM NO SAND ON RETURNS (1375#S) LINE TO PIT BEGAN TO FREEZE UP. PUT WELL ON 20/64 CHOKE. WELL FLOWING @ 1225#S LIGHT FOAM ON RETURNS CONTINUE TO FLOW WELL ON 20/64 CHOKE FOR 4 HRS. WELL BEGAN TO MAKE LIGHT SAND. CHANGE TO 14/64 CHOKE @ 0100 HRS. WELL FLOWING @ 1275#S LIGHT FOAM ON RETURNS. 0500 HRS. WELL MAKING LIGHT FOAM @ 1275#S ON 14/64 CHOKE.

Well Name: RINCON-RINCON UNIT-169M

Page: 4

- 11/26/1999 (MABE) FLUIDS: 8.6 PPG FW HELD SAFETY MTG. 0500 HRS WELL MAKING LIGHT FOAM @ 1275#S ON 14/64 CHOKE. 0700 HRS CHANGED CHOKE SIZE TO 1/2 CHOKE. FLOWING @ 700#S LIGHT FOAM & LIGHT OIL ON RETURNS. NO SAND. 1300 HRS CHANGED CHOKE SIZE TO 3/4 CHOKE. WELL FLOWING @ 500#S. LIGHT FOAM & OIL ON RETURNS. CONTINUE TO FLOW WELL ON 3/4 CHOKE @ 1800 HRS WELL FLOWING @ 350#S. LIGHT FOAM & OIL ON RETURNS. NO SAND.
- 11/27/1999 (MABE) FLUIDS: 8.6 PPG FW HELD SAFETY MTG. RU RIG PUMP. PUMP 40 BBLS DOWN ANNULAR. VENT TUBING THROUGH 3/4 CHOKE. KILL WELL. TOH W/ 2 3/8" TUBING & BIT. CHECK BIT. TIH W/ 2 3/8" TUBING TO 5635'. POH W/ TUBING. RU JET WEST WIRELINE. RAN GAUGE RING & JUNK BASKET TO 5600'. POH W/ GAUGE RING. RUN EASY DRILL. DP SET @ 56500'. POH W/ SETTING TOOL. RU RIG PUMP PRESSURE TEST PLUG TO 2000#S. HELD OK. PU SELECT FIRE 3 1/8 CASING GUNS. PERFORATE MV FORMATION 1 JSPF @ 5475', 5442', 5441', 5391', 5376', 5374', 5361', 5359', 5328', 5326', 5325', 5322', 5312', 5310', 5306', 5305', 5290', 5288'. RD WIRELINE. ATTEMPT TO BREAK DOWN FORMATION W/ RIG PUMP. PRESSURE TO 2000#S. NO BREAK. SDON.
- 11/30/1999 (MABE) FLUIDS: 8.6 PPG FW HELD SAFETY MTG. TIH W/ RTTS PK & 2 3/8" TUBING. RU BJ SERVICES TO SPOT 210 GAL 15% HCL ACID, OVER MV FORMATION @ 5475', 5442', 5441', 5391', 5376', 5374', 5361', 5359', 5328', 5326', 5325', 5322', 5312', 5310', 5306', 5305', 5290', 5288', POH TO 5100'. SET PK RU BJ TO BREAK DOWN FORMATION. WELL BROKE DOWN @ 1000#S. 7 BPM @ 3100#S, ISIP 300#S. ACIDIZED WELL W/ 790 GALS 15% HCL ACID. BALLED OF PERFORATIONS TO 4000#S. TOTAL FLUID USED 3780 GALS. TIH TO 5500' W/ PL TO KNOCK FRACK BALLS TO BOTTOM. POH LAYING DOWN TUBING TO PIPE RACKS. ND BOP NU HYD VALVE. RD SERVICE UNIT TO MOVE TO RINCON UNIT # 23. SDON.
- 12/1/1999 (BOONE) FLUIDS: 8.6 PPG FW HELD SAFETY MTG. RU STINGER TREE SAVER. RU BJ SERVICES TO FRACK MV FORMATION. W/ 70 QUAL FOAM 1371 GAL 2% AS BASE FLUID. 104,920 #S 20/40 BROWN SAND W/ 14/40 FLES SAND TOTAL OF 109,900 #S AVG INJ RATE. 13.5 BPM. ISIP 1380#S. 1350#S AFTER 5 MIN. 1300#S AFTER 10 MIN. 1250#S AFTER 15 MIN. TREATING PRESSURES 2300#S, 2800#S, 2950#S. OPEN WELL UP ON 6/64 CHOKE FLOW TO PIT AS OF 6:00 PM @ 950#S. CONTINUE TO FLOW TO BLOW PIT.
- 12/2/1999 (BOONE) FLUIDS: 8.6 PPS FW CONTINUE TO FLOW BACK TO CLOW PIT. 0600 HRS 950#S ON 6/64 CHOKE. 0800 CHANGED CHOKE SIZE TO 8/64 CHOKE 850#S. LIGHT MIST ON RETURNS. NO SAND. 1300 HRS CHANGED CHOKE SIZE TO 12/64 CHOKE FLOWING PRESSURE @ 675#S LIGHT MIST. NO SAND ON RETURNS. 1800 HRS CHANGED CHOKE SIZE TO 20/64 CHOKE FLOWING @ 425#S. LIGHT MIST. NO SAND ON RETURNS. APPROX 80 BBLS RECOVERED ON FLOW BACK AS OF 1800 HRS.
- 12/3/1999 (BOONE) FLUIDS: 8.6 PPS FW FLOW TEST WELL ON 1/2" CHOKE FOR 4 HRS @ 140#S. SWI.
- 12/4/1999 (BOONE) FLUIDS: 8.6 PPS FW HELD SAFETY MEETING. RU RIG & EQUIP. INSPECT RIG. SEVERE OIL LEAK ON ENGINE BLOWER. SHUT DOWN SERVICE RIG FOR REPAIR. CHECKED WELL PRESSURE 900#S. BLEW WELL DOWN TO BLOW PIT. TESTED WELL ON PITOT TUBE. 4#S ON OPEN 2" LINE TO PIT. 1236 MCF PER DAY. SHUT WELL IN UNTIL MONDAY MORNING.
12-5-99 SDOSAT.
12-6-99 SDOSUN.
- 12/7/1999 (BOONE) FLUIDS: 8.6 PPS FW HELD SAFETY MEETING. CHECKED WELL PRESSURES 1125#. BLED WELL DOWN TO PIT (200#S). PUMPED 25 BBLS 2% KCL WATER. ND 7 1/16. HYD VALVE. NU BOP. LAY 7" BLOOIE LINE. RU AIR PACKAGE. TIH W/ 174 JTS 2 3/8 TUBING. BITSUB & BIT. TAGGED UP ON FIL @ 5444'. 156' FILL ON PLUG. POH 2 STANDS. RU POWER SWIVEL TO CLEAN OUT IN AM.
- 12/8/1999 (BOONE) FLUIDS: 8.6 PPS FW HELD SAFETY MEETING. CHECKED WELL PRESSURES 1100#S. BLED DOWN TO PIT. CLEAN OUT 156' SAND FILL ABOVE BP. DRILL OUT BP. CLEAN OUT TO 7611'. POH 30'. LEAVE AIR PACKAGE ON HOLE BLOWING WELL TO PIT.
- 12/9/1999 (BOONE) FLUIDS: 8.6 PPS FW HELD SAFETY MEETING. TIH 15'. TAGGED SAND FILL @ 7597'. CLEANED OUT TO 7611'. BLEW WELL @ 7611' FOR 1 HR WELL CLEANED UP. TOH W/ 2 3/8" TUBING & BIT. TIH W/ EXPANDABLE FLOAT. TAGGED UP ON FTD @ 7611'. POH

Well Name: RINCON-RINCON UNIT-169M

Page: 5

TO 7578'. LAND PRODUCITON STRING. ND BOP. NU WELL HEAD PUMP OFF PLUG. SWI.
MAKE RIG READY TO RIG DOWN IN AM TO MOVE TO RINCON UNIT
158R.