

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.

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) 685-7608

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 26, T27N, R7W—1575' FNL & 1345' FWL

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 #172M

9. API Well No.
30-039-26208

10. Field and Pool, or Exploratory Area
Basin Dakota/Mesa Verde

11. County or Parish, State
Rio Arriba County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> 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"

RECEIVED
DEC 10 1999

OIL CON. DIV.
DIST. 2

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

Signed Charlotte Beeson
(This space for Federal or State office use)

Title Regulatory Clerk

Date 11-30-99

Approved by _____
Conditions of approval, if any:

Title _____

ACCEPTED FOR RECORD

DEC 08 1999

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 Instructions on Reverse Side

FARMINGTON FIELD OFFICE
BY [Signature]

10/28/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. INSPECT AZTEC RIG #469. NU BOP. TALLY & RUN 3-7/8" BLADE BIT, 6 3-1/2" DC'S, 197 JTS 2-3/8" TBG. SDON.

10/29/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG, TIH W/ 2-3/8 TBG, TAG UP ON CMT @ 6604', DRLD OUT TO 7258' = 654' DRLD OUT, 300' TO GO. SDON.

10/30/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. CONTINUE TO DRILL OUG CMT. DRILL OUT TO 7564'. CIRC HOLE W/ 2% KCL. P-TEST 4-1/2" 11.6# N-80 CSG TO 2500#, HELD OK. TOH LD 2-3/8" WS & DC'S. MAKE RIG READY TO RD IN AM (WIND BLOWING TOO HARD TO RD). SDON.

10/31/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RD SERVICE UNIT & MOVE TO RINCON UNIT #169M. RU HALLIBURTON MAST TRUCK TO LOG. TOOLS WOULD NOT GO PAST 7414'. RAN TEMP LOG & CBL/GR FROM 7414-2520'. CNL TOOL WOULD NOT WORK. RAN WEIGHTED 1-11/16" BARS TO ATTEMPT TO KNOCK BRIDGE LOOSE - NOT SUCCESSFUL. SWI-SDOS.

11/2/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. MIRU AZTEC WELL SERVICE RIG #469 & EQPT. INSPECT RIG. TIH W/ 3-7/8" BIT, CSG SCRAPER, DC & 80 JTS TBG. SDON.

11/3/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. TIH W/ 2-3/8" TBG & CSG SCRAPER. TAGGED UP @ 7386'. BROKE CIRC W/ RIG PUMP. CIRC CSG SCRAPER (WHILE WORKING UP & DOWN) TO PBTD @ 7564'. REVERSE CIRC HOLE FOR 30 MIN. POH LD WS & DC. SDON.

11/4/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RD RIG & EQPT. RU HALLIBURTON - TO LOG. RAN CNL & GAMMA. RD MAST TRUCK. LOGS TO BE DELIVERED TO MIKE PHILLIPS IN AM.

11/18/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RU SERVICE UNIT. INSPECT RIG & EQUIPMENT. RU BASIN WIRELINE TO PERFORATE DAKOTA FORMATION @ 7462', 7464', 7466', 7468', 7470', 7475', 7476', 7490', 7492', 7494', 7502', 7504', 7506', 7516'. PERFORATE GRANEROS @ 7334', 7336', 7338', 7362', 7364', 7366'. RD BASIN WIRELINE. PICK UP & TALLY 2 3/8" TUBING IN HOLE W/ HALLIBURTON RTTS PACKER. SET PK @ 7223'. PRESSURE TEST CASTING TO 500#S. RU BJ SERVICES TO ACIDIZE FORMATION. WELL WOULD NOT BREAK DOWN. SDON TO SPOT ACID IN AM.

11/19/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RELEASE PACKER TIH W/ 2 3/8" TUBING. SPOT 3 BBLs ACID OVER PERFORATIONS. TOH TO 7223'. RESET PK. FORMATION BROKE @ 700#S 4.8 BPM @ 3800#S, ISIP OF 800#S. CONTINUE W/ ACID. GOOD BALL OFF ALL PERORATIONS OPEN. PUMPED 24 BBLs ACID. FLUSHED W/ 34 BBLs 2% KCL WATER. TOTAL FLUID PUMPED = 58 BBLs. BLED WELL DOWN TIH W/ 2 3/8" TUBING TO PUSH FRAC BALLS TO BOTTOM. TOH W/ 2 3/8" TUBING & PK. SET UP TO FRAC IN AM. SDON

11/20/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RU BJ SERVICES TO FRAC DAKOTA FORMATION. PRESSURE TEST LINES TO 6500#. FRAC WELL W/ 72535 GAL FOAM, 35# GEL (24570 GAL) AS 70% QUAL FOAM + 154680# 20/40 SAND IN 2 TO 4 PPA @ 30 BPM. TREATING PRESSURES, 3600#, 4000#, 4300#, ISIP 3600#. 5 MIN 2600#, 10 MIN 2520#, 15 MIN 2380#. RD BJ SERVICES. RU FLOW BACK LINES. OPENED WELL UP ON 6/64TH CHOKE @ 2150# FLOWING TO PIT.

11/21/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. WELL FLOWING TO PIT ON 5/32 CHOKE @ 1275# 735 MCF PER DAY. NO SAND LIGHT FOAM ON RETURNS. CONTINUE TO FLOW BACK WELL W/ 5/32 CHOKE. RU AIR PACKAGE & 7" BLOOIE LINES TO BLOW PIT. LEFT WELL FLOWING TO PIT W/ FLOW BACK CREW ON LOCATION.

11/22/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. WELL FLOWING TO PIT ON 5/32 CHOKE @ 1200#. NO SAND LIGHT FOAM. 1300 CHANGED CHOKE SIZE TO 12/64. WELL FLOWING AT 975#. NO SAND LIGHT FOAM W/ LIGHT OIL. 1900 HRS CHANGED SIZE TO 24/64 WELL FLOWING @ 750# NO SAND LIGHT FOAM & OIL ON RETURNS.

11/23/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RD STINGER TREE SAVER. RU JET WEST TO RUN GAGE RING. RAN TO 5630' TOH W/ GAGE RING. RUN BRIDGE PLUG TO 5610'. SETTING TOOL WOULD NOT RELEASE. PULL OUT OF ROPE SOCKET. TIH W/ 2 3/8" TUBING & OVERSHOT. TAGGED UP @ 5600' RIGGED UP PUMP TO REVERSE CIRC OVER ROPE SOCKET. SDON.

11/24/1999 (BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RU RIG PUMP TO CIRC. CLEANED OUT 15' SAND OFF COLLAR LOCATOR, SETTING TOOL. PULLED 30K OVER STRING WEIGHT. SET BP. SLACKED OFF TO NEUTRAL WEIGHT. SHEARED SETTING TOOL. POH 1 JT. PRESSURE TEST PLUG TO 2000#S. POH W/ 2 3/8" TUBING. OVERSHOT & FISH. RU JET WEST WIRELINE. PERF MV FORMATION @ 5213', 5218', 5274', 5276', 5308-5330', 5351', 5382', 5388' TOTAL OF 29 HOLES. RD JET WEST WIRELINE. RU RIG PUMP ATTEMPTED TO BREAK DOWN MV PERFS. WOULD NOT BREAK @ 2000#S. SDON.

Rincon
#172M

11/25/1999

(BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. TIH W/ 2 3/8" TUBING TO 5388'. RU BJ SERVICES. SPOTTED 5 BBLs 15% HCL OVER MV PERFORATIONS. POH W/ 2 3/8" TUBING TO 5051'. RU BJ SERVICES TO BREAK DOWN FORMATION. WOULD NOT BREAK @ 3000#S. POH W/ 2 3/8" TUBING. TIH WITH RTTS PACKER SET @ 5051'. RU BJ SERVICES TO BREAK DOWN FORMATION. WELL WOULD NOT BREAK DOWN @ 4500#S. TOH W/ 2 3/8" TUBING & PK. RU JET WEST WIRELINE SERVICES. REPERFORATE MV FORMATION. RU BJ SERVICES TO BREAK DOWN FORMATION. WOULD NOT BREAK DOWN @ 3000#S SDON.

Rincon
#172M

11/26/1999

(BOONE) FLUID: 8.6 PPG FW. HELD SAFETY MTG. RU BJ SERVICES. BROKE WELL DOWN @ 2950#S, (6 BPM @ 2500#S), ISIP 300#S. TIH W/ RTTS PACKER & 2 3/8" TUBING SPOTTED 168 GALS OF 28% HCL ACID OVER MV PERFORATIONS. POH TO 5050'. SET PK. ACIDIZED & BALIED OFF PERFORATIONS TO 4000#S W/ 1000 GAL 15% HCL ACID. DISPLACED ACID W/ 1638 GAL 2% KCL WATER. TOTAL FLUID PUMPED 2806 GALS FOR ACID JOB. RELEASED PK PUSHED FRACK BALLS TO 5400'. POH W/ 2 3/8" TUBING & RTTS PK. HELD PRE-FRACK SAFETY MTG. RU BJ SERVICES TO FRACK WELL W/ 70 QUAL FOAM 14196 GAL BASE FLUID 2% KCL WATER. 104120#S 20/40 BRADY SAND. 6300#S 14/40 FLEX SAND. TOTAL SAND 110420. TOTAL FLUID PUMPED 14196 GAL + 633,000 OF N2 USED. MAX PRESSURE 2296#S AVG INJ RATE OF 30 BPM. ISIP 1700#S, 5 MIN 1550, 10 MIN 1475#S, 15 MIN 1435#S. OPENED WELL UP ON 6/64 CHOKE TO PIT 1450#S. LIGHT FLUID ON RETURNS. AFTER FLOWING WELL FOR 2 HRS OPEN WELL ON 12/64 CHOKE @ 1000#S CONTINUE FLOWING TO PIT. LIGHT FOAM ON RETURNS. NO SAND.