



New Name. Same Spirit.
A Business Unit of Unocal

ADMINISTRATION DEPARTMENT

FAX Cover Sheet

5 Pages (including cover)

Date:

1-24-00

To:

M. Stagner

Company:

Oil Conservation Division

Location:

Santa Fe, NM

Phone:

(505) 827-8185

FAX #:

(505) 827-1389

From:

Charlotte Beeson (915) 685-7607

Spirit Energy 76

Mailing Address - P.O. Box 3100

Street Address - 1004 N. Big Spring, Suite 300

Midland, Texas 79702

FAX: 915/ 685-6709

Comments:

M. Stagner -

We "screwed up" one more time, please approve our NSL - we are all reading the rules and plan to do better w/ our next Kincon wells!!!

Thanks for your help!

Charlotte Beeson



New Name. Same Spirit.
A Business Unit of Unocal

January 24, 2000

Oil Conservation Division
2040 South Pacheo
Santa Fe, NM 87505

Re: Non-Standard Location
Rincon Unit #172M
Rio Arriba County, NM

Dear Mr. Stogner:

Union Oil Company of California (Unocal) requests authorization for a non-standard location for our new well--Rincon Unit #172M--(API#30-039-26208)--for the Basin Dakota pool. Rincon Unit #172M is located 1575' FNL & 1345' FWL of Sec. 26, T27N, R7W, Rio Arriba County, NM.

The Rincon Unit #172M was originally staked at 1700' FNL & 1600' FWL, but was moved northwest as the location fell within a drainage area. Building a pad at the original location would have potentially been environmentally damaging as well as more expensive.

Unocal perfed the Basin Dakota from 7334'-7516' and the Blanco MesaVerde from 5213'-5388' and plans to downhole commingle the two pools per Administrative Order DHC -2556. Rincon Unit #172M has been drilled and is shut in pending approval of non-standard location.

If you have questions, please call our engineer--Michael Lyon @ (915) 685-6803 or our drilling foreman @ (915) 685-6808.

Very truly yours,

Charlotte Beeson
Regulatory Clerk

1004 North Big Spring • Post Office Box 3100 • Midland, Texas 79702

District I
PO Box 1980, El Paso, NM 88241-1980
District II
PO Drawer 100, Artesia, NM 88211-0719
District III
1000 Rio Grande Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED
99 JUL 23 AM 9:44

AMENDED REPORT

070 FARMINGTON, NM
WELL LOCATION AND ACREAGE DEDICATION PLAT

* All Number		* Pool Code	* Pool Name
		71599	Basin Dakota
* Property Code	* Property Name		* Well Number
011510	RINCON UNIT		172M
* OGRIS No.	* Operator Name		* Elevation
023710	UNION OIL COMPANY OF CALIFORNIA		6665

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6	26	27 N	7 W		1575	North	1345	West	Rio Arriba

11 Bottom Hole Location If Different From Surface

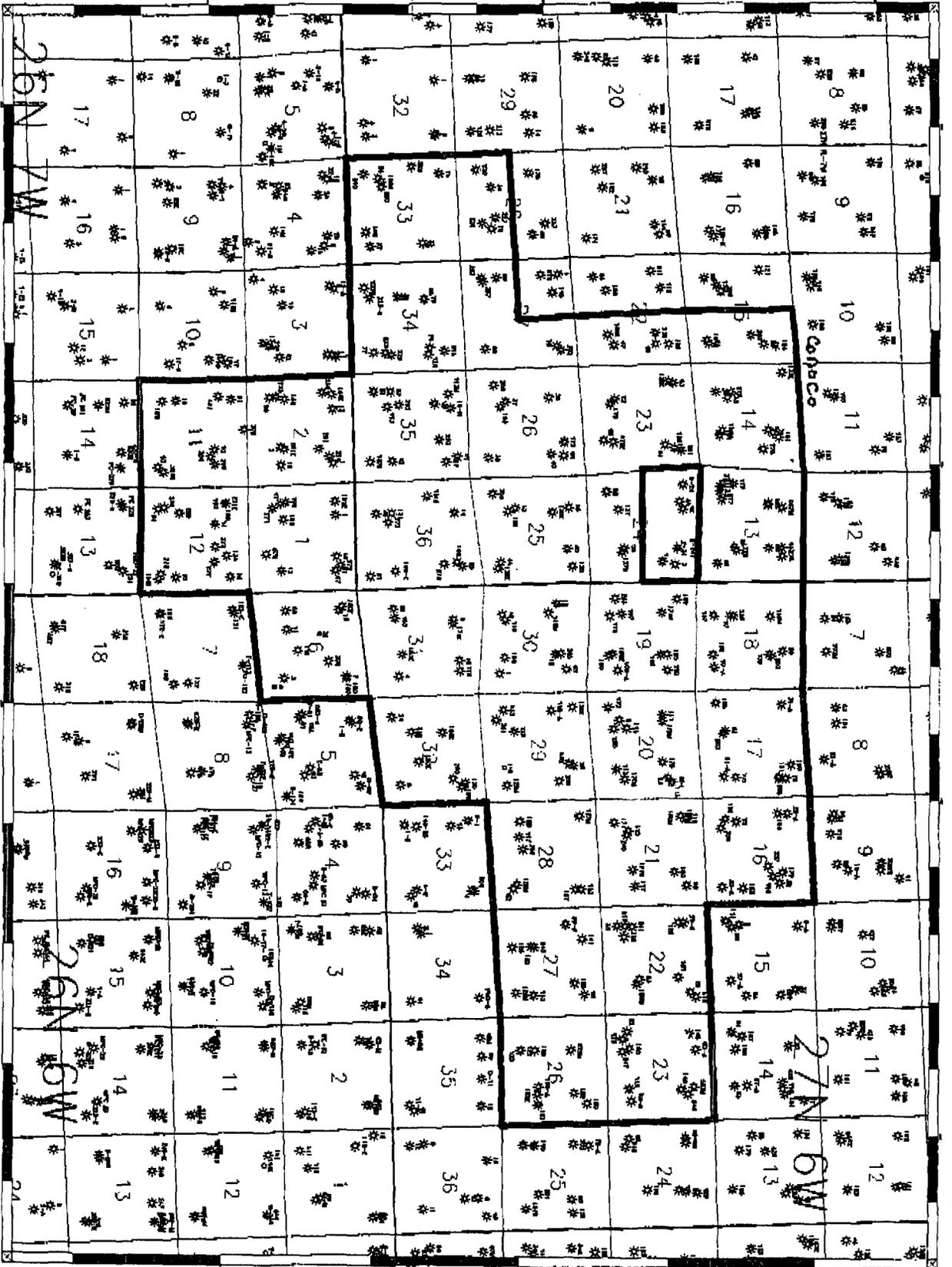
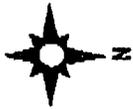
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

* Dedicated Acres	* Joint or Infill	* Consolidation Code	* Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>BC 588°33'W</p> <p>84.00cu.</p> <p>1345'</p> <p>1575'</p> <p>BC</p>	<p>4</p> <p>3</p> <p>2</p> <p>1</p> <p>LOT No. (TYP.)</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Michael C. Phillips</i></p> <p>Signature</p> <p>Michael C. Phillips</p> <p>Printed Name</p> <p>Rocky Mt. Drilling Foreman</p> <p>Title</p> <p>July 20, 1999</p> <p>Date</p>
	<p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>Sec.</p>	
<p>BC</p> <p>NO°21'E</p> <p>589°43'W</p> <p>BC</p>	<p>12</p> <p>11</p> <p>10</p> <p>9</p> <p>26</p>	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>DATE OF SURVEY: 7/20/99</p> <p>Signature: <i>William E. Mahake II</i></p> <p>REGISTERED PROFESSIONAL SURVEYOR</p> <p>NEW MEXICO</p> <p>#8466</p> <p>William E. Mahake II</p> <p>Certificate Number 8466</p>
	<p>13</p> <p>14</p> <p>15</p> <p>16</p> <p>79.73cu.</p> <p>BC</p>	

New Mexico Oil Conservation Division



SPRINT ENERGY

RINCON UNIT
Rio Arriba Co., NM
All Wells

Draw Map	Scale 1:50000 BS	CI = NMWT
Map Sheet	107501/200	483-481-031

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

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

Signed Charlotte Beeson Title Regulatory Clerk Date 11-30-99
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: _____

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.

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 3/8 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 PBD @ 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.

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.

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

RECEIVED
BLM

NOV 28 PM 1:29

SUBMIT IN TRIPLICATE

070 FARMINGTON NM

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

10/18/99 through 10/26/99. MIRU Bearcat Drilling Company Rig #4. Spud 12-1/4" surface hole @ 9:00 p.m. Drilled to 347'. Circulate and condition. TOH. PU and RIH w/ 8 jts (358') 9-5/8" 32.3# H-40 ST&C. CMT'd w/ 285 sx type "B" cmt w/2% CACL2 + 1/4# celloflake @ 14.5 PPG, 1.41 yield. Mix and pump @ 4 BPM. Displaced cmt & plug to FC @ 327' w/26 BFW @ 200-800 psi. Bumped plug and float held. CIP @ 12:15 a.m. 10/19/99. Circulate 100sx to pit. Cut drilling line. Back-off landing. NU 11" 3M screw-on csg head. NU BOP & choke manifold. Test BOP, WH, CSG, & choke manifold to 1000#/ 30 minutes. PU BHA & TIH. Test rams & BOP to 1000#. Drill FC & CMT from 330-377'. Drill (8-3/4") new formation 377-2520'. TD 8-3/4" hole @ 10/21/99. Circulate. Short tripped with no fill. Had tight spot @ 2355'. Circulate to TD. TOH LD DP & CLRS. Change rams. Run 54 jts & 1 PC (2508") 7" 20# ST&C casing. Landed @ 2520'. Washed last 5 jts to bottom. Cement casing w/250 sx "B" 35:65 Poz + 8% gel + 2% CACL2 + 1/4# gilsonite + 1/4# celloflake @ 12.1 PPG. 2.11 yield. F/B 50 sx "B" + 2% CACL2 + 1/4# celloflake @ 14.5 PPG. 1.41 yield. Bump plug w/ 100 BFW, 5.5-3 BPM, 145-1500 psi. Circulate 40 sx to pit. CIP 10:00 P.M. ND, set slips. Cut-off test seals & NU. Test blinds & casing to 1700#/ 30 minutes. NU air equipment. NU tools. PU and test hammer. TIH on BHA and 3-1/2" DP. Test pipe rams and BOP to 1400#. Unload hole @ 1243'. FIH w/ 3-1/2" DP. Unload hole @ 2470' & build mist. Mist drilled float equipment & shoe. Dry-up hole Dust drill new 6-1/4" hole 10/23/99. Drill from 2520-7605'. TD 6-1/4" hole @ 3:15 a.m. @ 10/25/99. Blow hole and POH LD DS. Ran and cemented 174 jts + 1 piece (7593') 11.6# N-80 LT&C @ 7605'. Pumped 20 bbl gel + 10 BFW flush and 535sx "B" 65/35 POZ + 10# CSE + 1/4# CF + .2% CD-32 + .65% FL-62 + 6% gel + 3% KCL, @ 12.5 PPG. 2.07 yield. Displace and to approximately 6400' w/ 103 BFW @ 240-675-1360-1600-3000#. Displacement was 14.3 bbls short. Shut down and check float. Had circulation 3 bbls (gel water) at surface. PD & JC 5:00 p.m. 10/25/99. Set slips, cut-off csg. Release rig @ 10:00 p.m. 10/25/99. Surveys 1 @ 370', 3/4 @ 863', 1/4 @ 1367', 3/4 @ 1866', 1 @ 2360'.

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

Signed J. C. Shiller Title Permian Rocky Mountain Drilling Foreman Date 10/26/99

(This space for Federal or State office use)

Approved by _____ Title _____

Conditions of approval, if any: _____

ACCEPTED FOR RECORD

NOV 01 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 Instruction on Reverse Side

FARMINGTON FIELD OFFICE
BY [Signature]

NR00CD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)
RECEIVED
BLM

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
 Union Oil Company of California (Unocal)

3. ADDRESS AND TELEPHONE NO.
 P. O. Box 671—Midland, TX 79702 (915) 685-7608

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 1575' FNL & 1345' FWL
 At proposed prod. zone Same as surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 40 miles SE from Bloomfield

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drg. unit line, if any) 3985'

16. NO. OF ACRES IN LEASE 2645.09

17. NO. OF ACRES ASSIGNED TO THIS WELL N/339.080K 320 W/337.34

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2369'

19. PROPOSED DEPTH 7590'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6665' GR

22. APPROX. DATE WORK WILL START* 08/15/99

RECEIVED
OIL CON. DIV.
DIST. 3
SEP - 8 1999

23 SEP 23 AM 9:44

070 FARMINGTON NM
SINGLE ZONE MULTIPLE ZONE

(915) 685-7608 or (915) 685-7607

*See Instructions On Reverse Side

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	H-40 9 5/8"	32.3#	350'	220 sxs TOC @ surface
8 3/4"	K-55 7"	20#	2400'	234 sxs Cmt circ
6 1/4"	K-55 4 1/2"	11.6#	7590'	260 sxs (1st stg)—550 sxs (2nd stg)

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS

Unocal plans to drill the Rincon Unit #172M, complete in the Mesa Verde and Basin Dakota and downhole commingle the two formations.

BOP—One double-gate BOP with 3 1/2" pipe and blind rams, one choke manifold with adjustable and positive chokes, an accumulator will hydraulically operate the BOP with 1 1/2 times the necessary capacity to close the rams and return a minimum of 200 psi above recharge.

(Schematics of BOP attached)

IN ABOVE SPACE DESCRIBE PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Judith C. Shultz TITLE Permian Rocky Mountain Drilling Foreman DATE 07/06/99

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE SEP 02 1999

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE [Signature] DATE SEP 02 1999

*See Instructions On Reverse Side

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.

2018 0104 FOR DAKOTA 1151 @

NMCCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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BLM
99 JUL 23 AM 9:44

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

070 FARMINGTON, NM

1 APT Number 30-039-26-208		2 Pool Code 71599		3 Pool Name Basin Dakota	
4 Property Code 011510		5 Property Name RINCON UNIT		6 Well Number 172M	
7 OGRID No. 023710		8 Operator Name UNION OIL COMPANY OF CALIFORNIA		9 Elevation 6665	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6	26	27 N	7 W		1575	North	1345	West	Rio Arriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	17 OPERATOR CERTIFICATION	
	<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p>Signature: <u>Michael C. Phillips</u> Printed Name: <u>Michael C. Phillips</u> Title: <u>Rocky Mt. Drilling Foreman</u> Date: <u>July 20, 1999</u></p>	

	18 SURVEYOR CERTIFICATION	
	<p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: <u>July 20, 1999</u> Signature and Seal of Professional Surveyor: <u>William E. Mahake II</u> Registered Professional Surveyor #8466 Certificate Number: <u>8466</u></p>	

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30039-26208		2 Pool Code 72319		3 Pool Name Blanco Mesa Verde	
4 Property Code 045T0		5 Property Name 24862 RINCON UNIT		6 Well Number 172M	
7 OGRID No. 023710		8 Operator Name UNION OIL COMPANY OF CALIFORNIA		9 Elevation 6665	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6	26	27 N	7 W		1575	North	1345	West	Rio Arriba

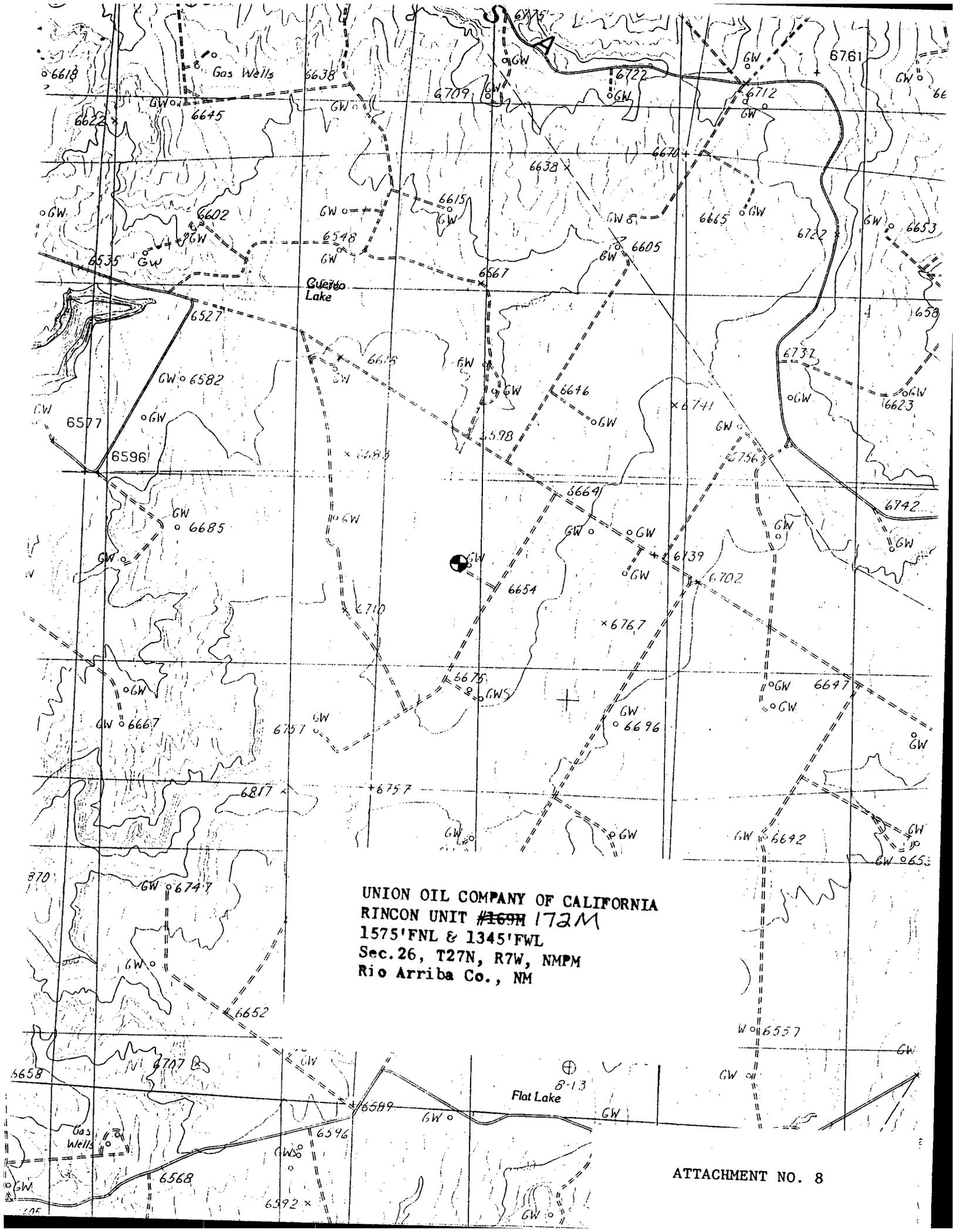
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	Signature: <u>Michael C. Phillips</u> Printed Name: <u>Michael C. Phillips</u> Title: <u>Rocky Mt. Drilling Foreman</u> Date: <u>July 20, 1999</u>	
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
Date of Survey: <u>June 1999</u> Signature and Seal of Professional Surveyor: 		Date of Survey: <u>June 1999</u> Signature and Seal of Professional Surveyor:
Signature and Seal of Professional Surveyor: <u>William E. Mahake II</u> Certificate Number <u>8466</u>		Signature and Seal of Professional Surveyor: <u>William E. Mahake II</u> Certificate Number <u>8466</u>



UNION OIL COMPANY OF CALIFORNIA
RINCON UNIT #169M 172M
1575'FNL & 1345'FWL
Sec.26, T27N, R7W, NMPM
Rio Arriba Co., NM

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

01/28/00 15:05:43
OGOMES -TPQE
PAGE NO: 1

Sec : 26 Twp : 27N Rng : 07W Section Type : NORMAL

4 42.09 Federal owned U	3 42.29 Federal owned U	2 42.49 Federal owned U A	1 42.69 Federal owned U A
5 <u>42.08</u> 84.17 Federal owned U	6 <u>42.28</u> 84.57 Federal owned U A A	7 <u>42.48</u> 84.97 Federal owned U	8 <u>42.68</u> 85.37 Federal owned U A

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

84.17
84.57
168.74
170.34
339.08

111
84.97
85.37
170.34

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

01/28/00 15:05:58
OGOMES -TPQE
PAGE NO: 2

Sec : 26 Twp : 27N Rng : 07W Section Type : NORMAL

12 42.06 Federal owned U	11 42.26 Federal owned U A A	10 42.46 Federal owned U	9 42.66 Federal owned U A
13 42.05 Federal owned U A	14 42.25 Federal owned U	15 42.45 Federal owned U	16 42.65 Federal owned U A

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD : ONGARD 01/28/00 15:07:14
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPQF

API Well No : 30 39 26208 Eff Date : 12-02-1999 WC Status : A
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 23710 UNION OIL CO OF CALIFORNIA
Prop Idn : 24862 RINCON UNIT

Well No : 172M
GL Elevation: 6665

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: 6	26	27N	07W	FTG 1575 F N	FTG 1345 F W	P

Lot Identifier:
Dedicated Acre: 339.08
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : U

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD 01/28/00 15:06:38
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPQE

API Well No : 30 39 6930 Eff Date : 01-01-1900 WC Status : A
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 23708 UNION OIL CO OF CALIFORNIA
Prop Idn : 11510 RINCON UNIT

Well No : 172
GL Elevation: 6719

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	:	2	26	27N	07W	FTG 950 F N FTG 1650 F E	P

Lot Identifier:

Dedicated Acre: 339.08

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC