Submit 3 Copies to Appropriate District Office

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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-103
Revised 1-1-89

WELL API NO.
30-039-06803

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No.
E-290-3

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
Rincon Unit

1. Type of Well: OIL WELL [ ] GAS WELL [X] OTHER

2. Name of Operator
Union Oil Company of California

8. Well No.
Rincon Unit No. 166

3. Address of Operator
3300 N. Butler, Suite 200, Farmington, NM 87401

9. Pool name or Wildcat
Basin Dakota

4. Well Location
Unit Letter K : 1850' Feet From The South Line and 1750' Feet From The West Line

Section 32 Township 27N Range 6W NMPM Rio Arriba County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6611' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[ ]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPNS.	[ ]	PLUG AND ABANDONMENT	[ ]
PULL OR ALTER CASING	[ ]			CASING TEST AND CEMENT JOB	[ ]		
OTHER:	[X]			OTHER: Recompletion			[ ]

12. Describe Proposed or Completed Operations *(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)* SEE RULE 1103.

Union Oil Company of California requests permission to complete the South Blanco Tocito formation in the subject well according to the attached procedure.

A C-102 is attached.

RECEIVED
SEP - 3 1993
OIL CON. DIV.
DIST. 3

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

SIGNATURE Glen O. Papp TITLE Field Superintendent DATE 9/1/93

TYPE OR PRINT NAME Glen O. Papp TELEPHONE NO. (505) 326-7600

(This space for State Use)

APPROVED BY Frank T. Chavez TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE SEP - 8 1993

CONDITIONS OF APPROVAL, IF ANY: Hold C-104 For NSL & NSP exception

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

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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-102
Revised 1-1-89

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	Lease	Well No.
Union Oil Company of California	Rincon Unit	No. 166

Unit Letter	Section	Township	Range	County
K	32	27N	6W NMPM	Rio Arriba

Actual Footage Location of Well:
1850 feet from the South line and 1750 feet from the West line

Ground level Elev.	Producing Formation	Pool	Dedicated Acreage:
6611'	Tocito	South Blanco Tocito	80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

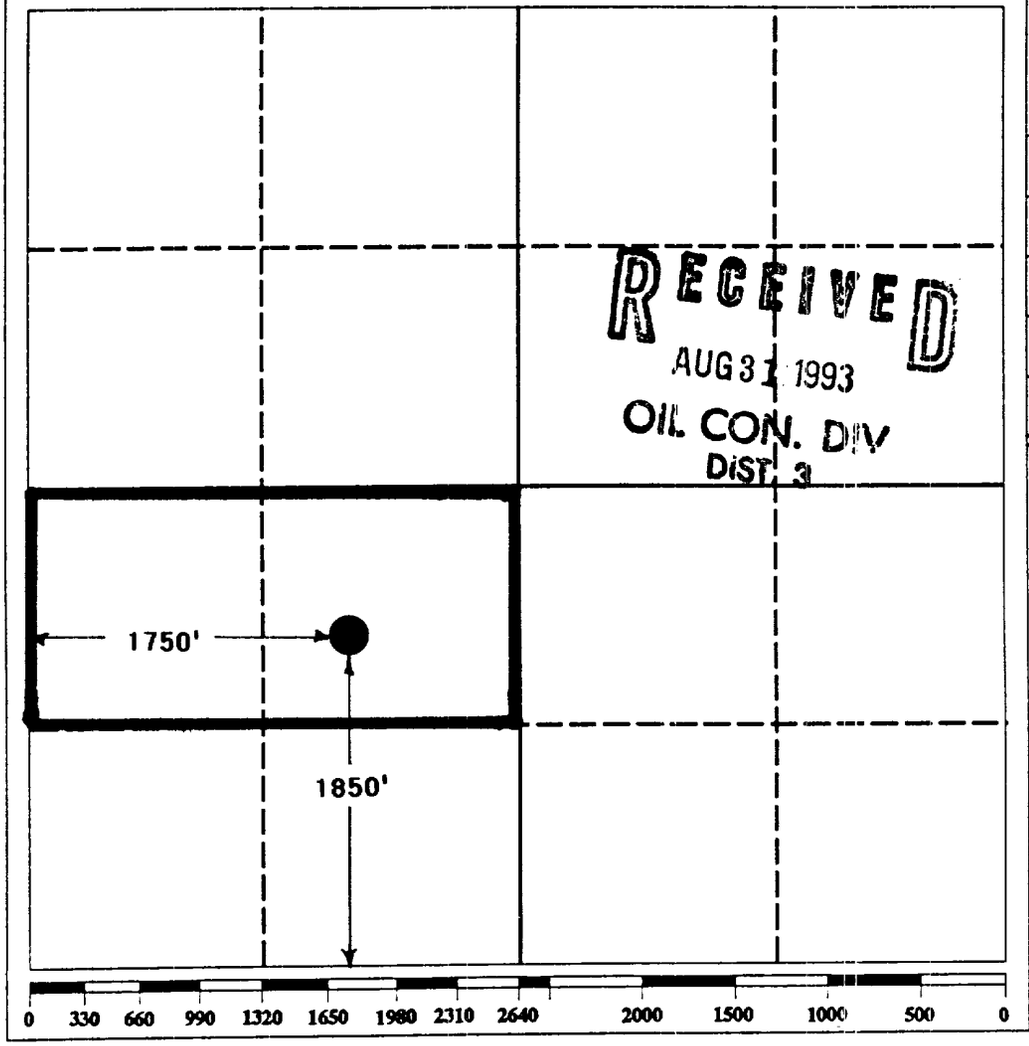
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

[X] Yes [ ] No If answer is "yes" type of consolidation unitization

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if neccessary. _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

93 AUG 24 PM 3 48
070 FARMINGTON NM
RECEIVED BLM



RECEIVED
AUG 31 1993
OIL CON. DIV
DIST. 3

OPERATOR CERTIFICATION

I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief.

Signature: Glen O. Papp

Printed Name: Glen O. Papp

Position: Field Superintendent

Company: Union Oil Co. of California

Date: August 23, 1993

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 supervison, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Signature & Seal of Professional Surveyor

Certificate No.

RINCON UNIT #166

PROCEDURE

1. Set and test anchors. Prep. location for service unit and equipment if necessary.

2. MIRU service unit and equipment. N.U. BOP.

3. R.U. wireline unit. Run collar locator and determine packer and seal assy. Run wireline, set tbg bridge plug setting plug above seal assy.

4. Fill tbg w/ KCL water and test tbg bridge plug and 2 3/8" tbg to 2000 psi. Perforate 2 3/8" tbg in first jt. above packer.

5. Displace to tank chempak fluid w/ 2% KCL water. **Note:** Annulus is filled w/ chempak fluid from 7289' (top of packer) to surface.

6. Attempt to release Baker Mod "D" anchor type rotating set seal assy in Baker Mod "P" mech. set retainer production packer set @ 7289'. (**Note:** P.U. on tbg 2000# - 3000# above string wt and rotate to the right to release).

7. If released - TOOH visually inspecting tbg.

8. If seal assy did not release - chemical cut 2 3/8" tbg in 1st jt. above packer. TOOH visually inspecting 2 3/8" tbg.

9. TIH w/ 3 7/8" bit and scrapper to top of cut off tbg or top of packer. Circ. hole clean. TOOH.

10. TIH w/ retrievable bridge plug and retrievable packer. (Straddle assy.).

    A. If seal assy and all tbg was recovered (step 7) -- set R.B.P. above packer set at 7289'. P.U., set packer and test R.B.P. to 1000 psi.

    B. If tbg had to be cut (step 8) - Set R.B.P. above cut off tbg. P.U., set packer and test R.B.P. to 1000 psi.

11. If R.B.P. is set above packer only (Step 10-A) - After testing R.B.P. to 1000 psi, release packer and pull up hole w/ packer only testing 4 1/2" csg every ± 1500' or until holes in 4 1/2" csg are encountered. At which point, TOOH picking up straddle assy., (retrievable packer w/ retrievable bridge plug). TIH and isolated

holes in 4 1/2" csg and establish injection rate. Test 4 1/2" csg above "top holes" to insure csg integrity above. (**Note:** Inspection log run in 3/65 showed severe corrosion w/ holes in 4 1/2" csg from ± 2460' - 2510'.)

12. If R.B.P. is set above cut off 2 3/8" tbg (with tbg bridge plug inside) - after test R.B.P. to 1000 psi, release packer and pull up hole testing 4 1/2" csg. When holes are encountered - retrieve R.B.P., set above cut off 2 3/8" tbg and isolate holes in 4 1/2" csg. Establish injection rate. Test 4 1/2" csg above "top holes" to insure csg integrity above. (**Note:** Inspection log run in 3/65 showed severe corrosion w/holes in 4 1/2" csg from ± 2460' - 2510').

13. If injection rate and pressure are satisfactory, squeeze holes in 4 1/2" csg under retrievable packer (w/bypass) w/ Class "B" cmt w/ 2% $CaCl_2$. (Amt. of cmt to be determined after isolating length of "bad csg.") (**Note:** Set retrievable packer at least 300' above top hole (approx. 5 bbls). Clear tbg and packer w/cmt then stage cmt to squeeze pressure.) S.D.O.N.

14. POOH w/ 2 3/8" tbg and packer.

15. P.U. 3 7/8" bit, 3 1/8" DC's on 2 3/8" tbg. Drill/clean out cmt.

16. Press test squeezed holes in 4 1/2" csg to 1000 psi. If ok, clean out to ± 6900'. TOOH. If necessary, resqueeze.

17. Perforate Gallup Formation 6832-6848' 3 1/8" gun w/ <u>4 jspf</u>, 16 gm charge, 90 or 120 degree phasing and 6638-6712' 3 1/8" gun w/ <u>2 jspf</u>, 16 gm charge, 90 or 120 degree phasing. (**Note:** Corr. w/ Schlumber J E log dated 9/62.)

18. TIH w/ 4 1/2" full bore retrievable packer (w/bypass) on 2 3/8" tbg. Hydrotesting tbg to 5500 psi. Set packer at ± 6500'.

19. Frac Gallup Formation w/ 75,600 gal of 30# cross linked gel and 251,000# 20/40 Arizona sand per attached Sch. S.D.O.N. (**Note:** Make sure enough tbg wt is applied to keep bypass on packer closed. Also put 1000 psi on annulus and monitor during frac job). (**Note:** Pressure differentials across Baker Mod "P" packer set at 7289' must be limited to 7000 psi).

20. If well is dead in am. Release packer and TOOH. RIH w/ 2 3/8" notched collar, seating nipple on 2 3/8" tbg and clean out w/ 2% KCL to ± 7000'. P.U. to ± 6700'. Swab and clean up well.

21. If well will flow - Flow and clean up well. Do not exceed 10 B.F.P.H.

22. After well cleans up (no sand production), run production equipment (coordinate w/ Rincon Prod. Dept.).

23. Release rig and equipment. Clean up location. Turn to Production.

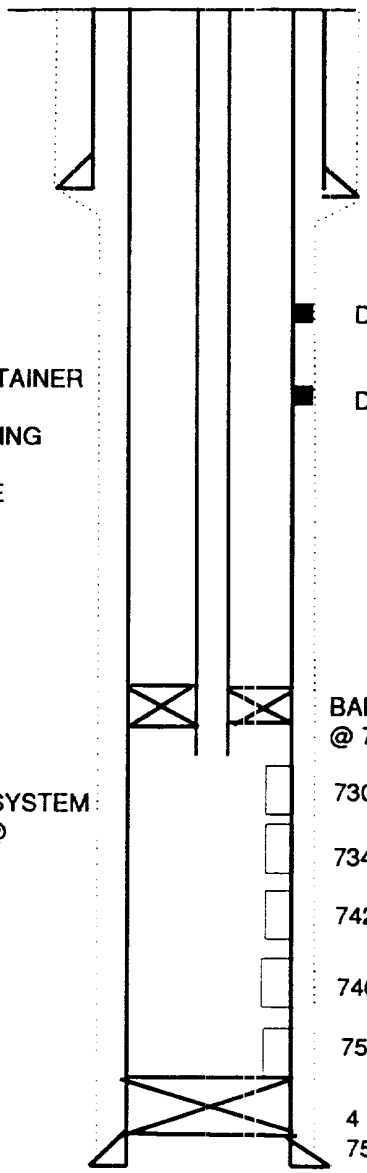
a:\rinc166.pro

RINCON UNIT WELL #166

1850' FSL & 1750' FWL

SEC 32 T27N R6W

(PRESENT)



9 5/8" 32.3# H-40 CSG
SET @ 317' CMT W/ 210 SX

TBG DETAIL
7278.30' - 238 JTS 2 3/8" 4.6#
J-55 EUE 8rd TBG
3.27' - BAKER MOD P MECH SET RETAINER
PRODUCTION PACKER
7.00' - MOD D ANCHOR TYPE ROTATING
SET SEAL ASSY W/ 20 SEALS
- BAKER MOD E TBG SEAL NIPPLE
- BULL PLUG
7288.57' - FHD
11.00' - BKDB
7299.57' - FHD

DV TOOL @ 3201'

DV TOOL @ 5507'

NOTE: PRESSURE DIFFERENTIALS ACROSS BAKER MOD "P" PACKER SET @ 7289' MUST BE LIMITED TO 7000 PSI

BAKER MOD P (PERM PACKER)
@ 7289'

NOTE: WELL SET UP FOR PLG LIFT SYSTEM 4/88. FERGUSION B TUBING STOP @ 7270' W/ SPRING ON TOP

7300 - 7306 2 SPF

7340 - 7346 2 SPF

7424 - 7436 1 SPF

7468 - 7474 2 SPF

7508 - 7514 2 SPF

ETD @ 7514'
(2 PKRS LEFT IN HOLE FROM 7514' TO 7532')

4 1/2" 10.5# 11.6# CSG SET @ 7567' CMT W/ *(SEE BELOW)

* 1st STAGE 130 SX REG CMT W/ 4% GEL
2nd STAGE 200 SX EL TORO 35" W/ 4% GEL
3rd STAGE 180 SX HOWCO EL TORO 35" W/ 6% GEL

JBB 7/93

RINCON UNIT NO. 166

1850' FSL, 1750' FWL, SEC 32, T27N-R6W
RIO ARRIBA COUNTY, NM