

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.

3300 N. Butler, Suite 200, Farmington, NM 87401 (505)326-7600

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

990' FNL, 990' FEL, Section 6, T26N, R6W

5. Lease Designation and Serial No.

SF 079302

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

RINCON UNIT NP

8. Well Name and No.

Rincon Unit No. 150

9. API Well No.

30-039-06739

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba, 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
☐ Other _____
- ☐ 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.)*

Union Oil Company of California requests permission to plug and abandon the Blanco Mesaverde formation and recomplete the South Blanco Tocito formation according to the attached procedure.

A C-102 is attached.

RECEIVED
SEP -1 1993
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
SEP 24 PM 3:47
C/O BUREAU OF LAND MGMT, NM

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

Signed

[Signature]

Title **Field Superintendent**

Date **8/23/93**

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

APPROVED

AUG 30 1993

DISTRICT MANAGER

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, fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

NMOCD

RINCON UNIT #150

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. Kill well w/ 2% KCL water if necessary.
4. POOH w/ 1 1/4" tbg laying down (short side).
5. Attempt to unlatch Anchor seal assy. from Mod "D" packer at 6933'.
 - A. If successful - TOOH visually inspecting 2 3/8" tbg.
 - B. If unsuccessful, chemical cut 2 3/8" tbg in first jt above packer. POOH visually inspecting tbg.
6.
 - A. If successful in unlatching and POOH w/ seal assy (step 5-a), RIH w/ Baker Mod "DR" latching type packer plug on 2 3/8" tbg. Latch into Baker Mod "D" packer @ 6933'. P.U. and spot 2 sx sand on top of "DR" plug.
 - B. If unsuccessful in unlatching and POOH w/ seal assy (step 5-B), RIH w/ 7" retrievable bridge plug setting above cut off tbg. P.U. and spot 2 sx on top of R.B.P. TOOH.
7. P.U. 7" packer on 2 3/8" tbg and TIH. Set packer at ± 5300'. Pressure test 7" csg from ± 5300' - 6933' "DR" plug and Mod "D" packer @ 6933' to 3000 psi.
8. P.U. to ± 5100'. Pressure test 7" csg from ± 5100' to surface to 2000 psi. Via annulus. Establish injection rate into Mesa Verde formation (5144-5282') down tbg.
9. If injection rate and pressure are satisfactory, squeeze Mesa Verde perfs 5144-5282' under retrievable packer w/ bypass w/ ± 300 sx Class "B" w/ 2% CaCl₂. Set retrievable packer at least 200' (8 bbls) above top perfs in Mesa Verde (5144'). Clear tbg and packer w/ cmt then stage cmt to squeeze pressure. S.D.O.N.
10. POOH w/ 2 3/8" tbg & 7" packer. P.U. 6 1/8" bit, 4 3/4" DC's on 2 3/8" tbg. TIH. Drill/clean out cmt.
11. Pressure test squeezed Mesa Verde perfs to 1000 psi. If ok, clean out to ± 6900'. If necessary, resqueeze.

12. Once squeezed Mesa Verde perfs test ok, TOOH standing back 2 3/8" tbg.
13. Perforate Gallup formation 6714' - 6728' w/ 4" gun, 23 gm charge, 4 jspf, 90 or 120 degree phasing and 6516'-6576' w/ 4" gun, 23 gm charge, 2 jspf, 90 or 120 degree phasing. (Note: Correlate w/ Sch-J E Log dated 12/59).
14. P.U. 7" full bore retrievable packer (w/bypass) on 3 1/2" 9.3# N-80 Frac string.
15. Frac Gallup Formation w/ 75,600 gal of 30# cross linked gel and 251,000# 20/40 mesh 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).
16. If well is dead in am, release packer and TOOH laying down 3 1/2" frac string. RIH w/ notched collar, seating nipple, on 2 3/8" tbg and clean out to \pm 6900'.
17. P.U. to \pm 6450'. Swab and clean up well.
18. If well will flow after frac w/ packer in the hole, flow and clean up well. Do not exceed 10 B.F.P.H.
19. After well cleans up (no sand production), clean out to top of "DR" plug in Mod "D" packer @ 6933'. Retriever "DR" plug.
20. RIH w/ anchor seal assy on 2 3/8" tbg. Land in Mod "D" packer @ 6933'. Check to make sure Dakota side is open.
21. RIH w/ 2 3/8" tbg with turned down collars for Gallup side. (Check w/ Rincon Prod. Dept. for production equipment and hook-up).
22. Swab "Dakota" side if necessary to kick-off. Put Gallup side on pump.
23. Release rig and equipment. Clean up location. Turn to Production.

RINCON UNIT #150: EXISTING

990' FNL, 990' FEL
SEC. 6, T26N, R6W

13 3/8", 48#, H-40 CSA 327'
CMT W/ 220 SX CLASS B W/
2% GEL AND 2% CaCl AND
110 SX STRATA-CRETE.
TOC AT SURFACE.

9 5/8", 36#, J-55
CASING SET AT 3154'

CMT W/ 125 SX CLASS B W/
2% GEL AND 625# GILSONITE
AND 50 SX NEAT CMT.
TOC AT 2450' BY TEMP SURV.

BAKER "D" PKR AT 6933'

7", 23# N-80 AND J-55
CASING SET AT 7116'
CMT W/ 475 SX NEAT,
475 SX POZMIX, AND
50 SX NEAT.
TOC AT 2950' BY TEMP SURV.

5", 15#, J-55 SET FROM
7020' TO 7514'
CMT W/ 125 SX POZMIX
TOC AT 7070' BY TEMP SURV.

1 1/4" TBG AT 5194'
PERF NIPPLE AT 5150'
CHOKE NIPPLE AT 5149'.

2" TBG AT 7354'
PERF NIPPLE AT 7308'
SEATING NIPPLE AT 7307'.
(ON PLUNGER LIFT)

5144'
MESAVERDE
5282'

7164'
DAKOTA
7404'

PBD 7471'

(234 sts 2 3/4" 4.7" J-5
10' KB

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Rincon Unit NP

8. Well Name and No.

Rincon #150

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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)

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MIRU service unit. Kill well. N.U. BOP. Laid down 141 jts (5189.60') of 1 1/4" upset tbg. Were unable to release seal assy from Model "D" pkr @ 6973'. Ran free pt & found tbg stuck @ 6955'. Run Baker 2 3/8" CIBP & set @ 6944'. Loan tbg w/ KCL wtr & test to 2000# - ok. R.U. & chemical cut tbg @ 6935'. TOH w/ tbg P.U. & set pkr @ 4803', press. annulus to 1000#. Squeezed Mesa Verde perfs, 5144-5282' w/200 sx Class "B" w/2% CaCl₂ @ 15.7 ppg & displace to 4992'. Obtained 2500# squeeze psi using hesitation. Unseat pkr & reverse out. Drlg out cmt from 4985-5282'. Test 7" csg to 500# - held solid. Ran sROCL log from 6800-6300', Perf Gallup formation 4 spf using 23 gr charges & 120° phasing from 6714-28', 2 jspf 6516-76' w/ 4" gun. Frac dn 7" csg w/ 8600 gal 30# crosslink gel & 260800# 20/40 mesh sd @ 32 BPM, min psi 540# max 1760#, avg. 1200#, ISIP 1480# 15 min. SIP 1300#. Flush to w/in 3 bbls of top perf. TIH. Circ. hole clean. Tagged fish @ 6961' & POH TIH w/ Mule shoe collar, tag fill @ 7380', clean out to 7468'. POOH Shut well in. Turn to production department 11/9/93.

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

Signed

Frank Gillespie

Title Drilling Foreman

Date November 15, 1993

(This space for Federal or State office use)

Approved by
Conditions of approval, if any:

MA, CM

RECEIVED ACCEPTED FOR RECORD

Ti

Date

NOV 22 1993

NOV 19 1993

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