

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

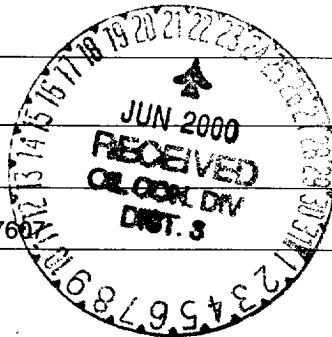
1. Type of Well
☐ Oil ☒ Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator
Union Oil Company of California (Unocal)

3. Address and Telephone No.
P. O. Box 671—Midland, TX 79702 (915) 685-7607

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Ltr. "O" 790' FSL & 1825' FEL

Sec. 1, (SE 1/4), T26N, R7W



5. Lease Designation and Serial No.
SF 079160

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Rincon

8. Well Name and No.
Rincon Unit #57E

9. API Well No.
30-039-25185

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 Perf MesaVerde / DHC

- ☐ 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.)*

Unocal plans to perforate the MesaVerde formation and downhole commingle w/existing Dakota/Gallup. For further information, see attached procedure.

Need C-107 appl to SantaFe for triple DHC

010 11/10/00 11:24

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

Signed *Charlotte Beeson*

Title Regulatory Clerk

Date 05/03/00

(This space for Federal or State office use)

Approved by *Robert Beeson*

Title *Per. Engineer*

Date *05/03/00*

Conditions of approval, if any:



Drilling Eng.	
Reservoir Eng.	
Production Eng.	
Field Supt.	
Drilling Supt.	

UNION OIL COMPANY OF CALIFORNIA
MIDLAND, TEXAS
CONDITION OF HOLE & PROCEDURE

DATE: 3-23-00
FIELD: Dakota **AREA:** South Permian
 Gallup
LEASE/UNIT: Rincon **WELL NO.:** 57E
 Unit
REASON FOR WORK: To add Mesa Verde Perfs and Stimulate.

CONDITION OF HOLE:

TOTAL DEPTH: 7390' ETD: 7390' KB DATUM IS 12' ABOVE G.L.

CASING RECORD:

8-5/8" CASING DETAIL		
1.00'		Gemoco Guide Shoe
43.25'	1 jt.	24# J-55 ST&C SMLS w/insert float
302.79'	7 jts	24# J-55 ST&C SMLS
347.04'	Total Casing(7jts and piece)	
12.00'	BKDB	
359.04'	FHD	
Cement with 240 sxs Class "B" w/ 2% CaCl ₂ - 1/4#/sk floseal mixed @ 15.7 ppg 1.17 cu ft, 5bpm 150#, displaced w/21 bbls H2O, Bump plug 500#. Float held o.k. Circulate 45 sxs to pit.		

5-1/2" CASING DETAIL

1.00'		Halliburton Guide Shoe
44.11'	1 jt.	17# N-80 LT&C New SMLS casing
2.00'		Halliburton SS Float Collar
879.26'	20 jts.	17# N-80 8rd LT&C New SMLS casing
1461.79'	34 jts.	17# K-55 8rd LT&C New SMLS casing
3.00'		5-1/2" Halliburton DV Tool
4967.70'	115 jts.	17# K-55 8rd LT&C New SMLS casing
19.14'	1 pc.	17# K-55 8rd LT&C New SMLS casing
7378.00'		Total Casing
12.00'		BKDB
7390.00'		FHD
Cement 1 stage: with 530 sxs 50:50 + 8% halad 322, 2# Mag Fiber/sk, mixed @ 13.5 PPg, 1.26 cu ft, F/B 130 sx Class "G" cmt w/.8% halad 322, @ 15.8 ppg, 1.15 cu ft. Bump plug to 1300#. Float held OK. Open DV, and pumped 710 sx class "65/35/8" cmt w/8% gel, 6% halad 322, 1/4# flocele, 2# mag-fiber mixed @ 11.3 ppg, 2.54cu ft F/B 150sx "G" .8% halad 322 @ 15.6 ppg @ 1.15 cu ft @ 5bpm 170#, displaced w/117 BFW, 5-2.5bpm @ 950#, Bump plug to 2500#. Closed DV tool. Held OK. Circulate 50sxs to pit.		

PERFORATIONS:

Dakota	7,024'	To	7,258'
Gallup	6,330'	To	6,536'

PROCEDURE FOR THE RINCON UNIT 57E

1. Notify BLM. Inspect anchors. Set blow down pit. Install blooie line.
2. MIRU DD PU. Hold pre-job inspection and safety meeting.
3. Blow down well. Kill well with 2% KCL (minimum amount.) ND tree. NU tested BOP. Send tree to be tested at FMC. Have FMC prep single head.

4. Lower tubing to tag for fill. POH LD 2-3/8" production tubing and inspect.
5. RU WL. Run and set ez-drill bridge plug @ 4950'. RU and test casing to 2500#.
6. RU and perf Mesa Verde formation, perfs to be given at later date. **1 jspf via casing gun @ 90 degrees phazing.**
7. TIH w/ treating packer on WS. Acidize perfs w/1000gals 15% HCL + NE& FE + LST dropping 1.3SP ball sealers to divert. TOH. NU wellhead saver. RU BJ services. Frac new MV perfs as per BJ services recommendation.
8. RD Frac crew. Flow back well to clean up. PU and TIH w/bit on WS to cleanout perfs to top of BP. PUH above perfs. Blow well overnight.
9. Check for sand. Drill out BP and continue in hole to ETD. Blow well to clean up. TOH.
10. PU and RIH w/production tubing. ND BOP. NU Tree. RD PU. Clean and level location. Turn over to production.

ASSET GROUP: South Permian
FIELD: Basin Dakota
LEASE/UNIT: Rincon Unit
COUNTY: Rio Arriba

SPIRIT ENERGY **76**
New Name. Same Spirit.
A Division of Unocal

DATE: Apr. 24, 2000
BY: M.C. Phillips
WELL: #57E
STATE: New Mexico

SPUD DATE: 6/26/92
COMP. DATE: 8/8/92
STATUS: Commingled

KB = 6,469'
Elevation = 6,457'
TD = 7,390'
PBDT = 7,390'

Before Workover

8-5/8" @ 359'. Cmt'd w/240 sxs. Circ.

235 jts 2-3/8" 4.7# 8rd eue @ 7266.32',

Formation Tops

Ojo Alamo	2,013'
Kirtland	2,230'
Fruitland	2,556'
Picture Cliffs	2,748'
Cliff House	4,432'
Point Lookout	4,996'
Gallup	6,022'
Dakota	7,119'

DV Tool @ 5,002'.

Gallup Perforations

Perfs @ 6,330-74', 6,380-6,414', 6,438-452', 6,522-536'.

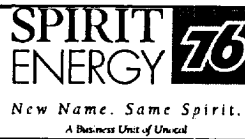
Dakota Perforations

Perfs @ 7,024-40, 7,120-140, 7,152-160, 7,164-168, 7,174-182', 7,188-204', 7,244-258'.

5-1/2" @ 7,390'. Cmt'd /1540sx.

TD 7,390'

ASSET GROUP: South Permian
FIELD: Basin Dakota
LEASE/UNIT: Rincon Unit
COUNTY: Rio Arriba



DATE: Apr. 24, 2000
BY: M.C. Phillips
WELL: #57E
STATE: New Mexico

SPUD DATE: 6/26/92
COMP. DATE: 8/8/92
STATUS: Dual Completion

KB = 6,469'
Elevation = 6,457'
TD = 7,390'
PBTD = 7,390'

After Workover

8-5/8" @ 359'. Cmt'd w/240 sxs. Circ.

Mesa Verde Perforations

To be determined

DV Tool @ 5,002'

Gallup Perforations

Perfs @ 6,330-74', 6,380-6,414', 6,438-452', 6,522-536'.

Dakota Perforations

Perfs @ 7,024-40, 7,120-140, 7,152-160, 7,164-168, 7,174-182', 7,188-204', 7,244-258'.

TD 7,390'

5-1/2" @ 7,390'. Cmt'd /1540sx.