

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

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)
1695' FNL & 1735' FWL

Sec. 18, T27N, R6W

RECEIVED
JUN 18 1999
OIL CON. DIV.
DIST. 3

5. Lease Designation and Serial No.
NM 013654

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Rincon Unit

8. Well Name and No.

Rincon Unit #159M

9. API Well No.

30-039-25179

10. Field and Pool, or Exploratory Area
South Blanco Pictured Cliffs

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 checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" 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.)*

Unocal plans to perf the Picture Cliff formation @ 3204'-3244' and produce as a dual well with the currently downhole commingled Dakota/Mesa Verde.

See attached procedure and wellbore schematic.

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

Signed [Signature]
(This space for Federal or State office use)

Title Workover/Drig. Foreman

Date 06/03/99

Approved by IS/ Duane W. Spencer
Conditions of approval, if any:

Title Team Lead, Formation Management

Date JUN 16 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

NMOCD

HOLD C104 FOR

[Signature]



New Name. Same Spirit.
A Business Unit of Unocal

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

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

FIELD: Dakota **AREA:** South Permian **DATE:** 5/10/99
LEASE/UNIT: Rincon Unit **WELL NO.:** 159M
REASON FOR WORK: To add additional perms and fracture stimulate in the Picture Cliff.

CONDITION OF HOLE:

TOTAL DEPTH: 7,788' **ETD:** 7,730' **KB** **DATUM IS** 13' **ABOVE** G.L.

CASING RECORD:

8-5/8" CASING DETAIL

1.00'		Gemoco Guide Shoe
42.10'		24# J-55 LSS casing w/insert.
302.26'	7 jts	24# J-55 LSS casing.

345.36'	Total Casing
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13.00'	BKDB
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358.36'	FHD
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Cement w/240sx class "B" cement. + 2% CACL@ + 1/4#/sk floccle mixed @ 15.6 PPG. Circ 60 sxs at surface. Cement Circulated.

5-1/2" CASING DETAIL

1.00'		Halliburton Guide Shoe
44.36'	1 jts.	17# N-80 LT&C New casing
2.00'		Halliburton DV Tool.
1309.19'	30 jts.	17# N-80 LT&C New casing
516.47'	12 jts.	17# J-55 LT&C New casing
3.00'		Halliburton DV Tool
1225.60'	29 jts.	17# J-55 LT&C New SMLS casing.
3.00'		Halliburton DV Tool
4449.29'	109 jts.	17# J-55 LT&C New casing
22.00'	1 pce.	"Ditto"

7775.91'	Total Casing
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12.00'	BKDB
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7781.91'	FHD
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Cement 1 stage 176 sxs class 50/50 Poz "G" w/2% gel + 1/4#/sk D-29 f/b 180 sxs, 2nd stage did not cement. 3rd stage 105 sxs lead F/B 1215 sxs, F/B 250 sxs. TOC @ 3100' by TS.

TUBING DETAIL:

241 jts 2-3/8" 8rd eue J-55 @ 7520' SN @ 7519'.

<u>PERFORATIONS:</u>			
Dakota	7,448'	To	7,672'
Mesa Verde	4,898'	To	5,564'

REGULATORY REQUIREMENTS

Sundry Notice, and 48hr notification prior to rig-up.

PROCEDURE FOR THE RINCON UNIT 159M

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 ERC. Replace bad parts with most cost effective alternative.
4. Lower tubing to tag for fill. POH LD 2-3/8" production tubing and inspect.
5. RU WL. Run 4-3/4" guage ring and basket to 4700'. RU and run CBL log from DV Tool 4683-3000'. If cement is OK, Run and set retrievable bridge plug @ 3300'. Dump 10' sand on top. Test casing to 2500#.
6. RU and perf Picture Cliff formation correlated to HLS Spectral Density Dual Spaced Neutron Log dated 7/20/92. As follows 3204'-3,244', (40') 1 jspf via casing gun @ 90 degrees phazing.

7. NU wellhead saver. RU and breakdown perfs. If perfs will not breakdown, TIH OE'd and spot 500 gals 15% HCL and additives from 3250-2750'. TOH. RU and acidize perfs.
 8. RU Halliburton and Frac new perforation 3204-3,244'. as per Halliburton recommendation.
 9. Flowback well till dead. PU and TIH w/Bailer on Tubing and clean out sand to RTBP. Clean out over release bar. TOH. TIH w/releasing tool and retrieve RTBP.
 10. PU and RIH and land long string @ 7654' with packer @ 3300'. PU and RIH w/short string and land. ND BOP. NU Tree.
 11. RU and swab well in with PU or if swab unit is available, RD PU and RU swab unit and swab well in. Clean and level location. Turn over to production.
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ASSET GROUP: South Permian
FIELD: Basin Dakota
LEASE/UNIT: Rincon Unit
COUNTY: Rio Arriba

SPIRIT ENERGY 76
New Name. Same Spirit.
A Service Company of Hess

DATE: May. 10, 1999
BY: M.C. Phillips
WELL: #159M
STATE: New Mexico

SPUD DATE: 7/1/92
COMP. DATE: 9/15/92
STATUS: Commingled

KB = 6,633'
Elevation = 6,620'
TD = 7,788'
PBTD = 7,730'

Before

8-5/8" @ 358'. 24# J-55, ST&C Cmt'd w/240 sxs. Circ.

TOC @ 3100' by TS.

DV Tool @ 4,683'

Collar	2-3/8" mule shoe clr	1	0.43'
Nipple	2-3/8" 4.7# J-55 8rd eue	1	0.78'
Tubing	2-3/8" 4.7# J-55 8rd eue	1	31.52'
Pup	2-3/8" 4.7# J-55 8rd eue	1	0.78'
Tubing	2-3/8" 4.7# J-55 8rd eue	24/ 994jts	7,473.24'
TOTAL			7,506.75'
KB			13.00'
FHD			7,519.75'

Mesa Verde Perforations

Perfs @ 4898'-5264', 5432-5564'.

DV Tool @ 5,908'

Dakota Perforations

Perfs @ 7,448-7,672'.

5-1/2" @ 7,776'. 17# N-80, J-55, LT&C Cmt'd /1925sx. Circulated.

TD 7,788'

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

SPIRIT ENERGY 76

New Name: Same Spirit.
A Newcomer Unit of New Mexico

DATE: May. 10, 1999
BY: M.C. Phillips
WELL: #159M
STATE: New Mexico

SPUD DATE: 7/1/92
COMP. DATE: 9/15/92
STATUS: Dual

KB = 6,633'
Elevation = 6,620'
TD = 7,788'
PBDT = 7,730'

After

8-5/8" @ 358'. 24# J-55, ST&C Cmt'd w/240 sxs. Circ.

TOC @ 3100' by TS.

Picture Cliff

Perfs @ 3,204-3,244'.

DV Tool @ 4,683'

Mesa Verde Perforations

Perfs @ 4898'-5264', 5432-5564'.

DV Tool @ 5,908'

Dakota Perforations

Perfs @ 7,448-7,672'.

5-1/2" @ 7,776'. 17# N-80, J-55, LT&C Cmt'd /1925sx. Circulated.

TD 7,788'