Form	3160-5
June	1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED			
Budget Bureau No. 1004-0135			
Expires: March 11, 1993			

	Expires:	March	31, 199	3
Lease	Designat	hee end	Coriel	1

SUBMIT IN TRIPLICATE 7. If Use of CA. Agreement Designation RINCON UNIT 1. Well Name and No. RINCON UNIT 1. Well Name and No. RINCON 159M 9. API Well No. 10. Feeld and Pool, or Exploratory Area 8ASIN DAKOTA—BLANCO (1) 1695' FNL 1735' FWL SEC 18, T27N, R6W 10. Feeld and Pool, or Exploratory Area 8ASIN DAKOTA—BLANCO (1) 11. Councy or Parish, State 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 13. Describe Froposed or Completed Operations (Chearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed starting and comenting volume for the Rincon Unit 159M as follows: 10. Depth 10. Depth 10. Field Abandon 11. Councy or Parish, State 12. Change of Plane 13. No. 14. Councy or Parish, State 15. Describe Proposed or Completed Operations (Chearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed starting starting starting starting starting starting starting starting	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			NM-Q13654 6. If Indian, Allottee or Tribe Name N/A			
Odd Well Other Well Nume and No. RINCON 101T		SUBMI	T IN TRIPLICA	\TE			cement Designation
Neme of Operator Sec. T. R. M. or Survey Description						RINCON IIN	ТТ
UNION OIL COMPANY OF CALIFORNIA 3. Address and Telephone No 3300 N BUTLER, SUITE 200, FARMINGTON, NM 87401 4. Locasion of Well (Foouge, Sec., T., R., M., or Survey Description) 1695' FNL 1735' FWL SEC 18, T27N, R6W 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION Nonce of Appropriate Report JUN2 5 1992 Pugging Back Non-Routine Fracturing Non-Routine Fracture Non-Routine Fracturi	Well Well O	ther					
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$\pm 1200 \text{ SX} = 8.5 - 9.2 = 35 - 45 $. ,, .	J 1/2	± 1200 SX	8.5-9.2	35-45	<10
Surface	Surface						
Drill 12-1/4" hole to ± 350' with spud mud. Run 8-5/8" 24#, K-55/J-55, St&C Casing.		ole to + 350) with envi	l mud Dun 0 c	:/Q!! 2/.# v =	5/1_55 0+60	Caaina

Drill 12-1/4" hole to ± 350' with spud mud. Run 8-5/8" 24#, K-55/J-55, St&C Casing. Cement with ± 250 sx class B w/ 2% CaCl₂ + 1/4#/sx cello flakes mixed at 15.7 ppg, 1.17 cu.ft/sx yield. Volume plus 100% excess. Cement to surface. Guide shoe with insert float collar, Centralize shoe joint and next five joints.

	*See Instruction on Reverse SI	" SARE	A MANAGER
Tide 18 U.S.C. Section 1001, makes it a crime for any person loss or representations as to any matter within its jurisdiction.	owingly and willfully to make to any department	or ageboy of the United St	ties any false, fictitious or fraudulent statements
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Approved by	Title	- AP	
(This space for Federal or State office use)		ani	וו ווחסכ
sing Im Banson	TitleDISTRICT_DRILL	ING SUPT.	Date6/15/92
14. I hereby certify that the foregoing is true and correct			

RINCON UNIT #159M

PRODUCTION

Drill 7-7/8" hole from 350' to \pm 3100'with fresh water and high vis. sweeps as needed. Drill 7-7/8: hole from \pm 3100' to TD with a fresh water low solids non-dispersed mud system. Run 5-1/2" casing as follows:

<u>Depth</u>	Length	<u>Description</u>
7690' to 6500'	(1190')	17# N-80 Lt&C
6500' to surface	(6500')	17# K-55/J-55 Lt&C

Design Criteria

Tension 1.8 Collapse 1.125 Burst 1.0

Cement 5-1/2" production casing in two stages with the DV tool at \pm 4700' as follows:

1st stage: ± 450 sxs of 50/50/2 poz containing gel, fluid loss control, dispersant, free water control agent and cello flakes

water control agent and cello flakes mixed @ 13ppg, 1.27 cu ft/sx yield. Tail with ± 100 sxs class B with fluid loss control mixed @ 15.7 ppg, 1.17 cu.

ft/sx yield

2nd stage: ± 350 sxs class B with 3% sodium metasilicate mixed @ 11.3 ppg, 281 cu.

ft/sx yield. Tail with ± 100 sxs class B mixed @ 15.7 ppg, 1.17 cu ft/sx yield. Volume plus 35% excess. Circulate cement to surface. (Exact volumes to be

calculated from caliper logs)

Cementing Hardware:

Guide shoe with float collar at the top of 1st joint. Centralize shoe joint and next four joints. Centralize and turbalize above and below stage tool, oil and gas zones as needed and across the Ojo Alamo formation.