

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street Artesia, NM 88210-1404
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837 API Number 30-015-29608
Property Code 019984	Property Name Yucca State	Well No. 4

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	16	17S	31E		2310	South	430	West	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Fren Paddock (26770)					Proposed Pool 2				

Work Type Code N Multiple No	Well Type Code O Proposed Depth 5400	Cable/Rotary R Paddock	Lease Type Code S Larue Drilling	Ground Level Elevation 3831 Spud Date 6/28/97
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Proposed Casing and Cement Program

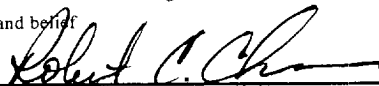
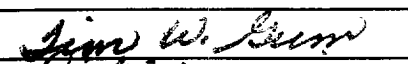
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	8 5/8	32	600	Circ	
7 7/8	5 1/2	17	5400	Sufficient to Circ	

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Mack Energy Corporation proposes to drill a Paddock test to 5400'. Drill 12 1/4" Hole to 600', run 8 5/8" casing and cement. Drill to 7 7/8" hole to 5400'. Test Paddock formation, if commercial will run 5 1/2" casing and cement. Put on Production.

*Note: On Production string, fluid caliber will be run, will figure cement with 25% excess, attempt to circ cement to surface.

Posted ID-1
N & API
5-23-97

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Robert C. Chase		Approval by:  BGA	
Title: Vice President		Title: District Supervisor	
Date: 5/9/97		Approval Date: 5-14-97	Expiration Date: 5-14-98
Phone: (505) 748-1288		Conditions of Approval: Attached <input type="checkbox"/>	

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 26770	Pool Name Fren Paddock
Property Code 019984	Property Name YUCCA STATE	Well Number 4
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3771


Surface Location

UL or lot No. L	Section 16	Township 17 S	Range 31 E	Lot Idn	Feet from the 2310	North/South line SOUTH	Feet from the 430	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 4.5	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				
<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Crissa D. Carter</u> Signature</p> <p>Crissa D. Carter Printed Name</p> <p>Production Clerk Title</p> <p>5-9-97 Date</p>				
<p>SURVEYOR CERTIFICATION</p> <p>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 supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 27, 1997</p> <p>Date Surveyed JLP</p> <p>Signature & Seal of Professional Surveyor</p> <p><u>Ronald G. Eidson</u> W.O. Num 97-12-0142</p> <p>Certificate No. JOHN V. WEST, 676 RONALD G. EIDSON, 3239 GARY G. EIDSON, 12641</p>				