

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
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

Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		Operator Name and Address.		1 OGRID Number 013837	
				2 API Number 30 - 025-33063	
3 Property Code 17335		4 Property Name Lea KG State			5 Well No. 4

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
A	35	17S	33E		330	North	990	East	Lea

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
9 Proposed Pool 1 Corbin Abo (13150)					10 Proposed Pool 2				

11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary R	14 Lease Type Code S	15 Ground Level Elevation 4103
16 Multiple No	17 Proposed Depth 8500'	18 Formation Abo	19 Contractor LaRue Drilling	20 Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	54.5#	350'	Circulate	
12 1/4"	8 5/8"	24#	3250'	Circulate	
7 7/8"	5 1/2"	17#	8500'	Sufficiently attempt to circ.	

22 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 proposes to drill to 350', run 13 3/8" casing and cement. Drill to 3250', run 8 5/8" casing and cement. Drill to 8500' and test Abo Zone, run 5 1/2" casing and cement. Put on production.

Note: On Production string, a fluid caliber will be run, will figure cement with 25% excess, attempt to circulate. Permit Expires 6 Months From Approval Date Unless Drilling Underway.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Crissa D. Carter</i>		OIL CONSERVATION DIVISION	
Printed name: Crissa D. Carter		Approved by: ORIGINAL SIGNED BY JERRY SEXTON	
Title: Production Clerk		Title: DISTRICT I SUPERVISOR	
Date: 11-09-95		Approval Date: NOV 15 1995	Expiration Date:
Phone: (505)748-1288		Conditions of Approval: Attached <input type="checkbox"/>	

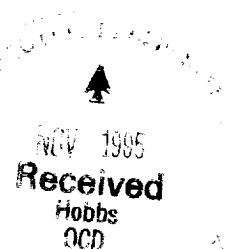
# C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- 18 Geologic formation at TD
- 19 Name of the intended drilling company if known.
- 20 Anticipated spud date.
- 21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement
- 22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.
- 23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

- 1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit letter.
- 8 The proposed bottom hole location of this well at TD
- 9 and 10 The proposed pool(s) to which this well is being drilled.
- 11 Work type code from the following table:  
N New well  
E Re-entry  
D Drill deeper  
P Plugback  
A Add a zone
- 12 Well type code from the following table:  
O Single oil completion  
G Single gas completion  
M Multiple completion  
I Injection well  
S SWD well  
W Water supply well  
C Carbon dioxide well
- 13 Cable or rotary drilling code  
C Propose to cable tool drill  
R Propose to rotary drill
- 14 Lease type code from the following table:  
F Federal  
S State  
P Private  
N Navajo  
J Jicarilla  
U Ute  
I Other Indian tribe
- 15 Ground level elevation above sea level
- 16 Intend to multiple complete? Yes or No
- 17 Proposed total depth of this well



DISTRICT I  
P.O. Box 1280, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 86210

DISTRICT III  
1000 Rio Grande Rd., Artesia, NM 87410

DISTRICT IV  
PO BOX 2088, SANTA FE, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
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Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-33063</b>	Pool Code <b>62180 13150</b>	Pool Name <b>Vacuum, Grayburg-San Andres</b>
Property Code <b>17335</b>	Property Name <b>LEA K.G. STATE</b>	Well Number <b>4</b>
OGRID No. <b>013837</b>	Operator Name <b>MACK ENERGY CORPORATION</b>	Elevation <b>4103</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>A</b>	<b>35</b>	<b>17 S</b>	<b>33 E</b>		<b>330</b>	<b>NORTH</b>	<b>990</b>	<b>EAST</b>	<b>LEA</b>

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 <b>40</b>	Joint or Infill	Consolidation Code	Order No.
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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


OPERATOR CERTIFICATION

I hereby certify the the information  
contained herein is true and complete to the  
best of my knowledge and belief.

**Crissa D. Carter**  
Signature  
**Crissa D. Carter**  
Printed Name  
**Production Clerk**  
Title  
**8-16-95**  
Date

SURVEYOR CERTIFICATION

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.

AUGUST 4, 1995

Date Surveyed  
Signature **Donald E. Eidson**  
Professional Surveyor  
NEW MEXICO  
P.W.O. Num. **95-1200**  
Date No. **JUN 15 1995**  
EIDSON  
676  
3239  
12641