

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

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

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

8 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 Vacuum; Grayburg-San Andres (62180)					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 4103
Multiple No	Proposed Depth 8300'	Formation San Andres	Contractor LaRue Drilling	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#	8300'	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.

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

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 8300' and test San Andres 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.

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: 8-16-95	Phone: (505)748-1288	Approval Date: AUG 18 1995	Expiration Date:
		Conditions of Approval: Attached <input type="checkbox"/>	

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AUG 17 1995
OLD HOBBS
OFFICE

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

DISTRICT IV
PO 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 30-025-33063	Pool Code 62180	Pool Name Vacuum;Grayburg-San Andres
Property Code 17335	Property Name LEA K G STATE	Well Number 4
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 4103

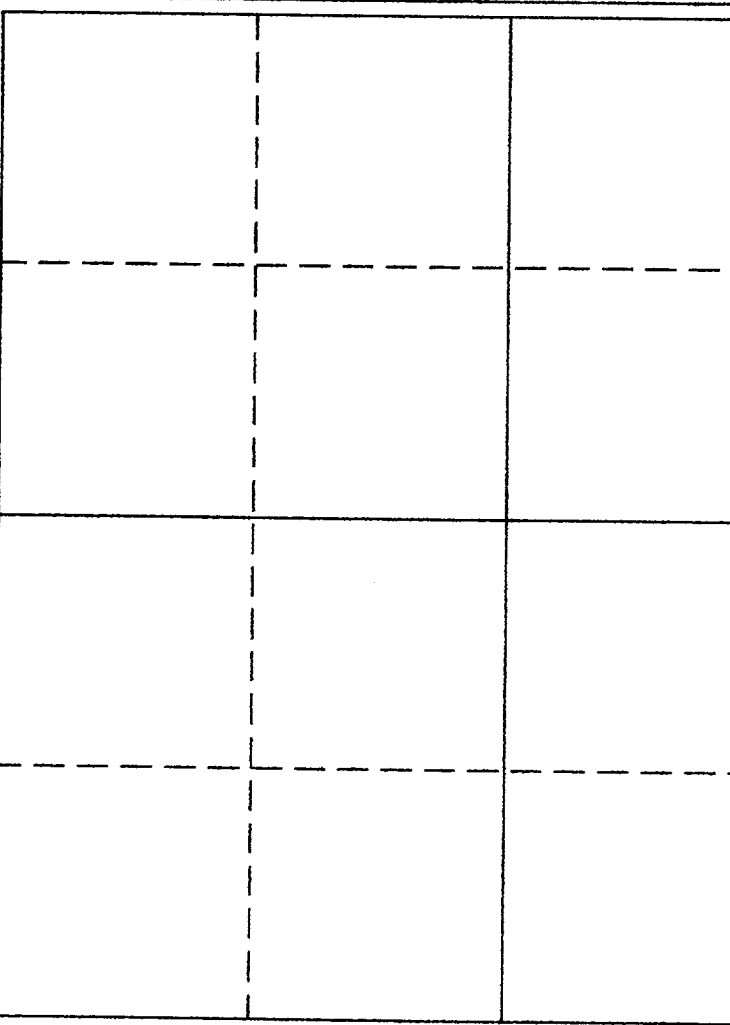
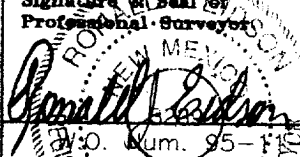
Surface Location

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

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 40	Joint or Infill	Consolidation Code	Order No.						

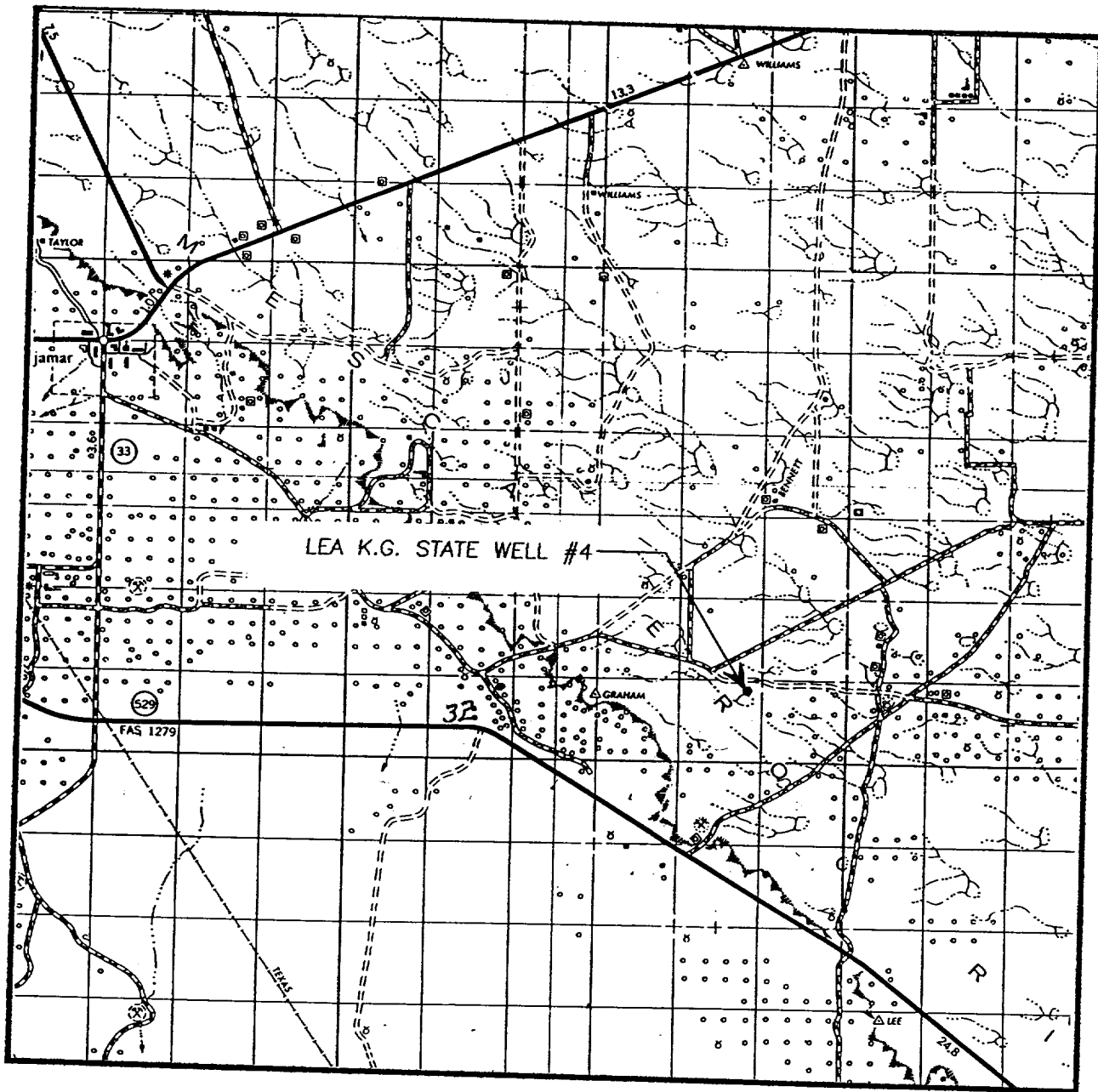
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center; margin: 0;">OPERATOR CERTIFICATION</p> <p style="margin: 5px 0;"><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p style="margin: 5px 0;"><u>Crissa D Carter</u></p> <p style="margin: 5px 0;">Signature</p> <p style="margin: 5px 0;"><u>Crissa D. Carter</u></p> <p style="margin: 5px 0;">Printed Name</p> <p style="margin: 5px 0;"><u>Production Clerk</u></p> <p style="margin: 5px 0;">Title</p> <p style="margin: 5px 0;"><u>8-16-95</u></p> <p style="margin: 5px 0;">Date</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">SURVEYOR CERTIFICATION</p> <p style="margin: 5px 0;"><i>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.</i></p> <p style="margin: 5px 0; text-align: center;">AUGUST 4, 1995</p> <p style="margin: 5px 0;">Date Surveyed SJA</p> <p style="margin: 5px 0;">Signature of Seal of Professional Surveyor</p> <p style="margin: 5px 0;">  </p> <p style="margin: 5px 0;">By: O. Num. 95-112 200</p> <p style="margin: 5px 0;"> Certificate No. JOHN W. WEST RONALD D. EIDSON STATE OF NEW MEXICO PROFESSIONAL SURVEYOR </p> <p style="margin: 5px 0; text-align: right;"> 676 3239 12641 </p> </div>
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MAY 11 1995
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VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 35 TWP. 17-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FNL & 990' FEL

ELEVATION 4103

OPERATOR MACK ENERGY CORPORATION

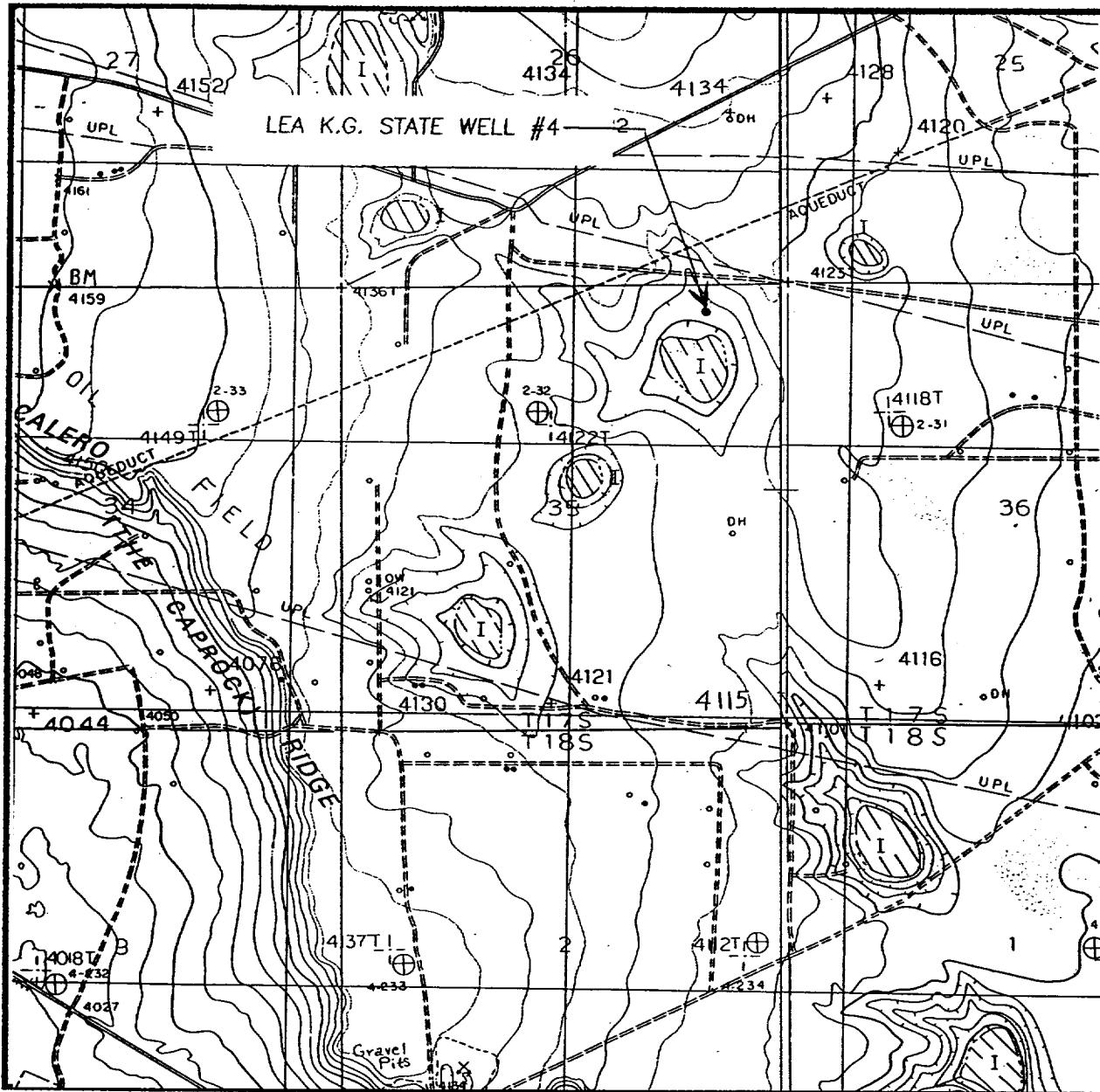
LEASE LEA K.G. STATE

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

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AUG 17 1964
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OFFICE

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL -
DOG LAKE - 10'
BUCKEYE - 5'

SEC. 35 TWP. 17-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FNL & 990' FEL

ELEVATION 4103

OPERATOR MACK ENERGY CORPORATION

LEASE LEA K.G. STATE

U.S.G.S. TOPOGRAPHIC MAP

DOG LAKE, BUCKEYE, N.M.

**JOHN WEST ENGINEERING
HOBBS, NEW MEXICO**

(505) 393-3117

96/12/8
3/27/98

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AUG 17 1998
UCL HOBBS
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