

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

DEC 16 '96

☐ AMENDED REPORT

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

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837 API Number 30-015-29279
Property Code 006104	Property Name G J West Coop Unit	Well No. 142

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	28	17S	29E		2090	South	2310	East	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 Grayburg Jackson; 7RVS-QN-GB-SA (28509)					Proposed Pool 2				

Work Type Code N Multiple No	Well Type Code O Proposed Depth 4600'	Cable/Rotary R Formation San Andres	Lease Type Code S Contractor LaRue	Ground Level Elevation 3567 Spud Date 12/26/96
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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#	125'	Circ	
12 1/4	8 5/8	24#	800'	Circ	
7 7/8	5 1/2	17#	4600'	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 to 125', run 13 3/8" casing and cement. Drill to 800', run 8 5/8" casing and cement. Drill to 4600' and test San Andres Zone, run 5 1/2" casing and cement. Put well on production.

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

Posted FD-1  
12-19-96  
H & API

I hereby certify that the information given above is true and complete to the best of my knowledge and belief Signature Crissa D. Carter		OIL CONSERVATION DIVISION Approval by: Jim W. Beam BGA Title: District Supervisor	
Printed name: Crissa D. Carter		Approval Date: 12-17-96 Expiration Date: 12-17-96	
Title: Production Clerk		Conditions of Approval: Attached <input type="checkbox"/>	
Date: 12/16/96	Phone: (505)748-1288		

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

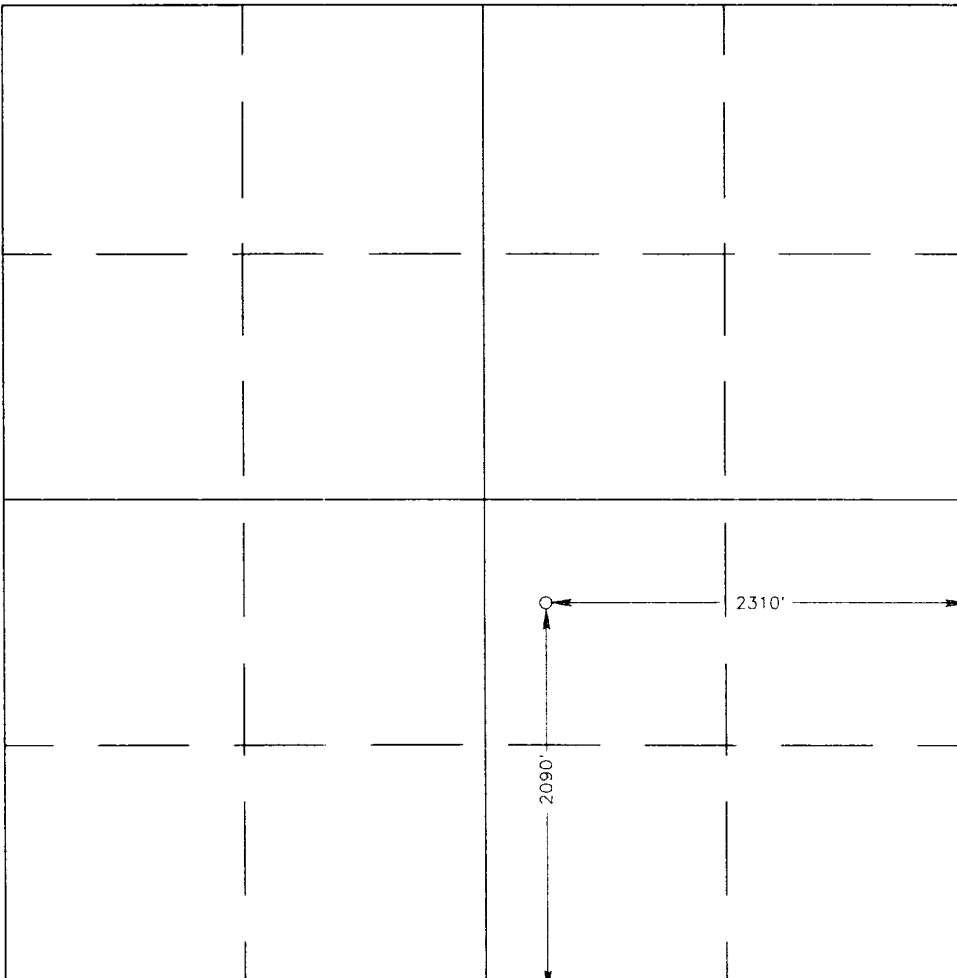
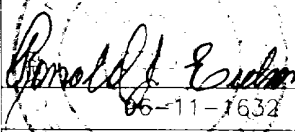
☐ AMENDED REPORT

API Number 30-015-29299	Pool Code 28509	Pool Name Grayburg Jackson;7RVS-QN-GB-SA
Property Code 006104	Property Name G.J. WEST Coop Unit	Well Number 142
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3567

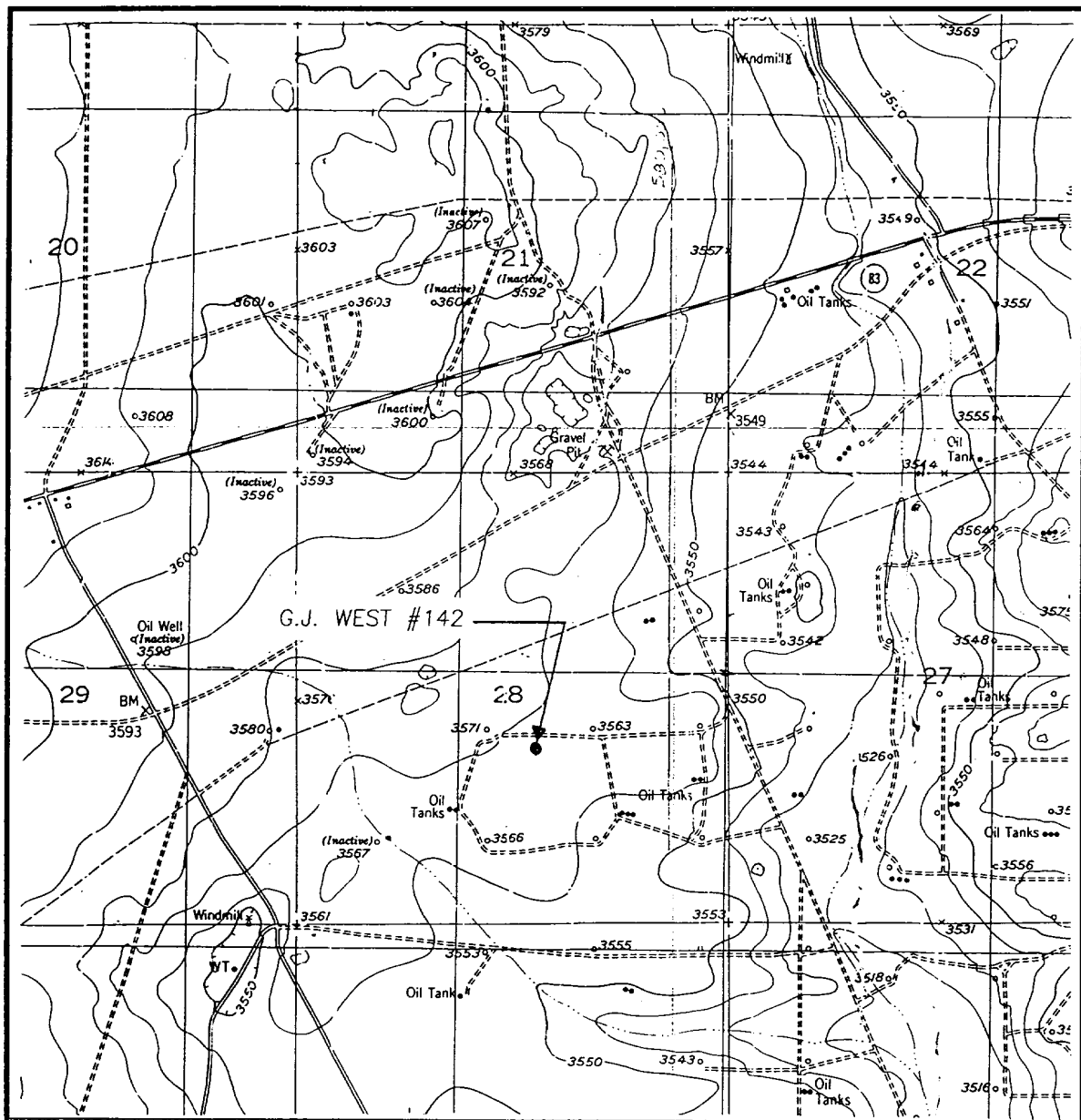
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	28	17 S	29 E		2090	SOUTH	2310	EAST	EDDY

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

	<div style="border: 1px solid black; padding: 5px;"> <h3 style="text-align: center; margin: 0;">OPERATOR CERTIFICATION</h3> <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> <hr/> <p>Signature</p> <hr/> <p style="text-align: center;">Crissa D. Carter</p> <p>Printed Name</p> <hr/> <p style="text-align: center;">Production Clerk</p> <p>Title</p> <hr/> <p style="text-align: center;">12-16-96</p> <p>Date</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <h3 style="text-align: center; margin: 0;">SURVEYOR CERTIFICATION</h3> <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> <hr/> <p style="text-align: right;">DEC. 10, 1996</p> <p>Date Surveyed</p> <hr/> <p style="text-align: right;">DMCC</p> <p>Signature &amp; Seal of Professional Surveyor</p> <div style="text-align: center;">  </div> <hr/> <p>Certificate No.    JOHN W. WEST    676                                 RONALD J. EIDSON    3239                                 GARY EIDSON    12641</p> </div>
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# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
RED LAKE SE - 10'

SEC. 28 TWP. 17-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2090' FSL & 2310' FEL

ELEVATION 3567

OPERATOR MACK ENERGY CORPORATION

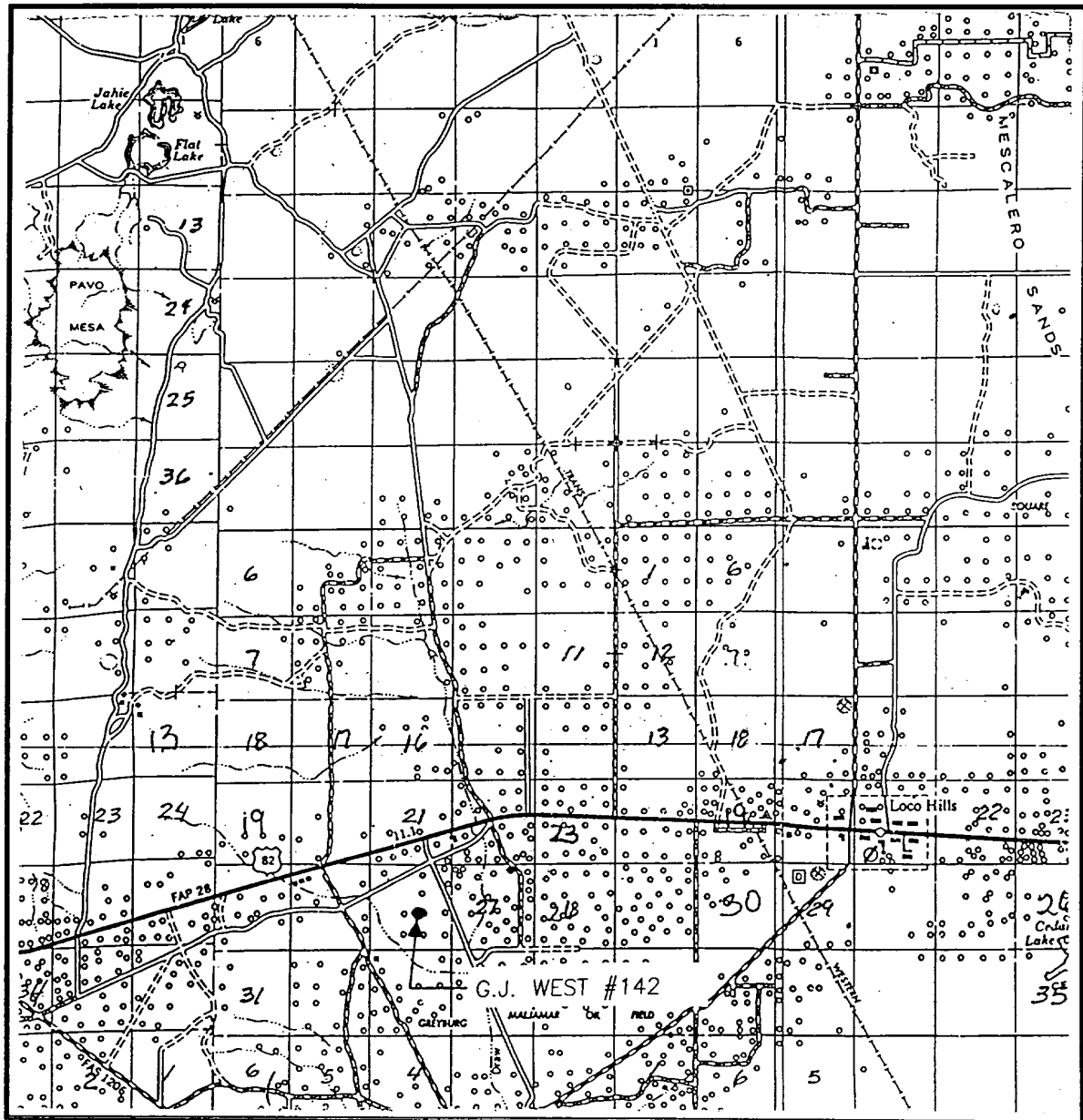
LEASE G.J. WEST

U.S.G.S. TOPOGRAPHIC MAP

RED LAKE SE, N.M.

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

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 28 TWP. 17-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2090' FSL & 2310' FEL

ELEVATION 3567

OPERATOR MACK ENERGY CORPORATION

LEASE G.J. WEST

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

30-015-29299 -

David - 13837  
Pope - 6104  
Pool - 28509

**Oxford<sup>®</sup>**

ESSELTE

MADE IN U.S.A.

NO. R753 143

• • • •

6-24-97  
LH - MC FH - GR  
827-4628  
Camp - GR  
200-4628  
Murray - GR  
827-4628

Geol. Topo pt 11/30/18

Browns 1528

Green 1774

Grayburg 2184

San Andres 2510

Livingston Sand 2613

Clinton 4018

Sandstone / coal  
15X 10 550