

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

MAY 4 1995

☐ 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
Property Code 006104	Property Name G J West Coop UT	API Number 30-015-28494
		Well No. 139

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
G	28	17S	29E		1650	North	1730	East	Eddy

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
Proposed Pool 1 Grayburg Jackson; 7RVS-QN-GB-SA 28509					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3566
Multiple No	Proposed Depth 4600'	Formation San Andres	Contractor LaRue Drilling	Spud Date 5/8/95

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'	Circulate	
12 1/4"	8 5/8"	24#	800'	Circulate	
7 7/8"	5 1/2"	17#	4600'	Sufficiently	attempt to circ.
					Bot LD-1
					5-12-95

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 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 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:

Crissa D. Carter

Printed name:

Crissa D. Carter

Title:

Production Clerk

Date:

5-4-95

Phone:

(505)748-1288

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Approval Date:

MAY 5 1995

Expiration Date:

11-5-95

Conditions of Approval:

Attached ☐

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.

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|----------|--|-----------------------------|--|
| 1 | Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office. | 18 | Geologic formation at TD |
| 2 | Operator's name and address | 19 | Name of the intended drilling company if known. |
| 3 | API number of this well. If this is a new drill the OCD will assign the number and fill this in. | 20 | Anticipated spud date. |
| 4 | Property code. If this is a new property the OCD will assign the number and fill it in. | 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 |
| 5 | Property name that used to be called 'well name' | 22 | Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary. |
| 6 | The number of this well on the property. | 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. |
| 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 | Mutiple 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 mutiple complete? Yes or No | | |
| 17 | Proposed total depth of this well | | |

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

RECEIVED

☐ AMENDED REPORT

MAY 4 1995

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-28494	Pool Code 28509	Property Name Grayburg Jackson 7RVS-QN-GB-SA
Property Code 006104	Property Name G.J. WEST UNIT	Well Number 139
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3566

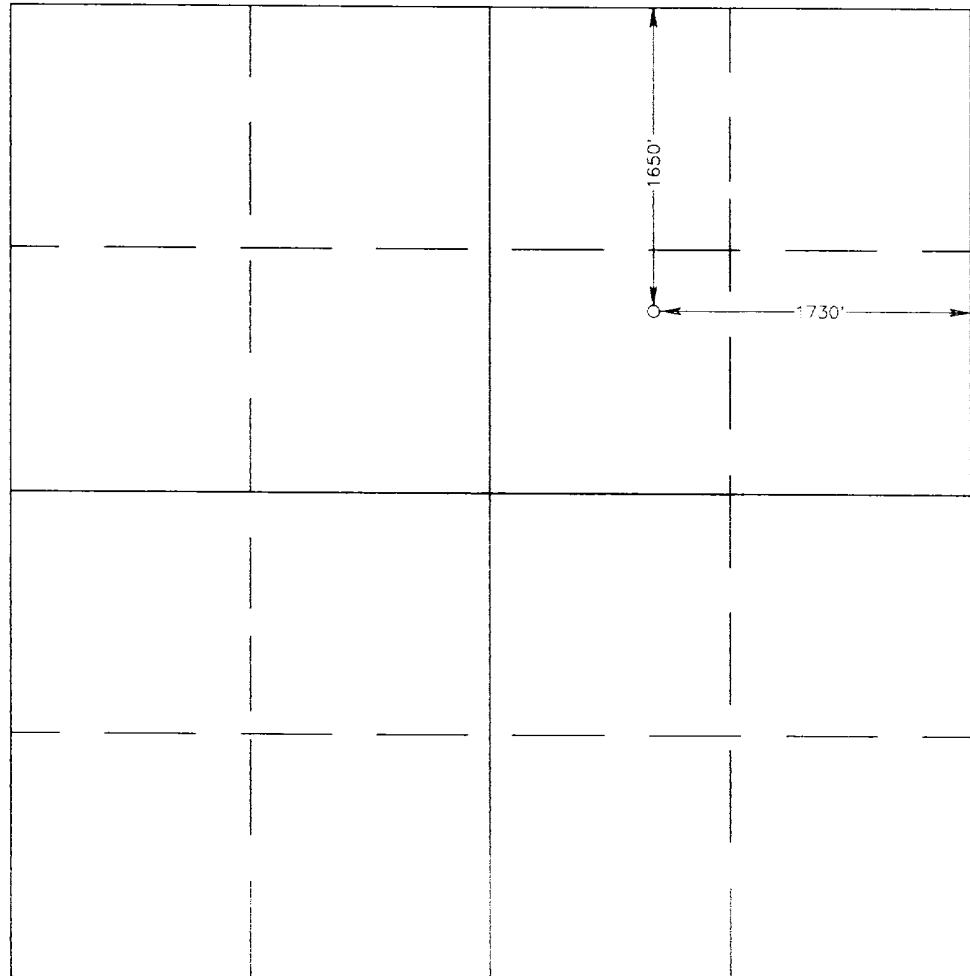

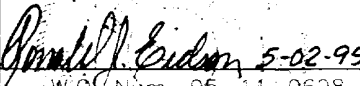
Surface Location

UL or lot No. G	Section 28	Township 17 S	Range 29 E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 1730	East/West line EAST	County EDDY
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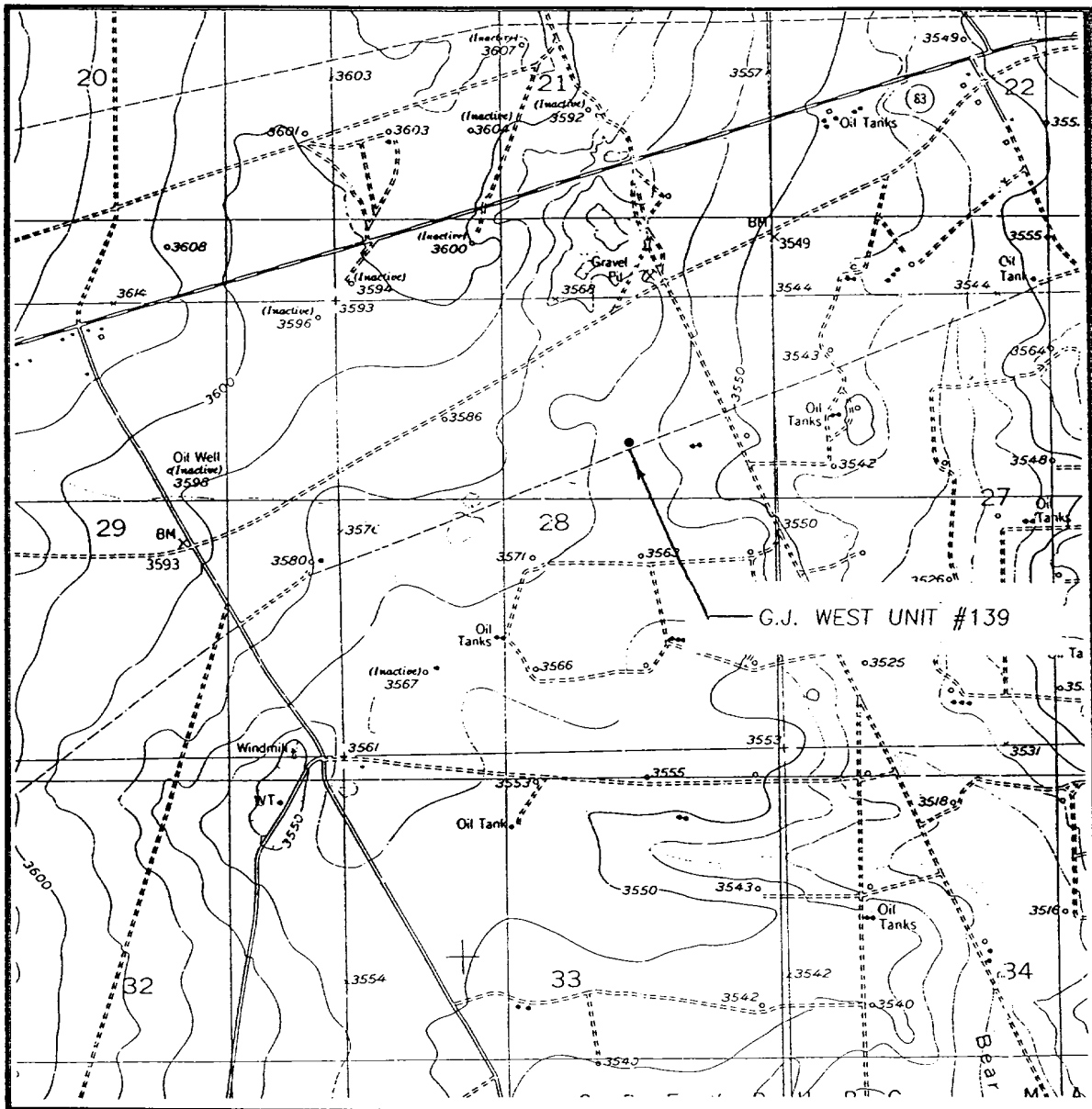
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Crissa D. Carter Printed Name Production Clerk Title 5/4/95 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. APRIL 27, 1995 Date Surveyed  Signature & Seal of Professional Surveyor 5-02-95 W.O. Num. 95-11-0698
	Certificate No. JOHN W. WEST 676 RONALD J. EDSON 3229 GARY EDSON 12641

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

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

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1650' FNL & 1730' FEL

ELEVATION 3566

OPERATOR MACK ENERGY CORPORATION

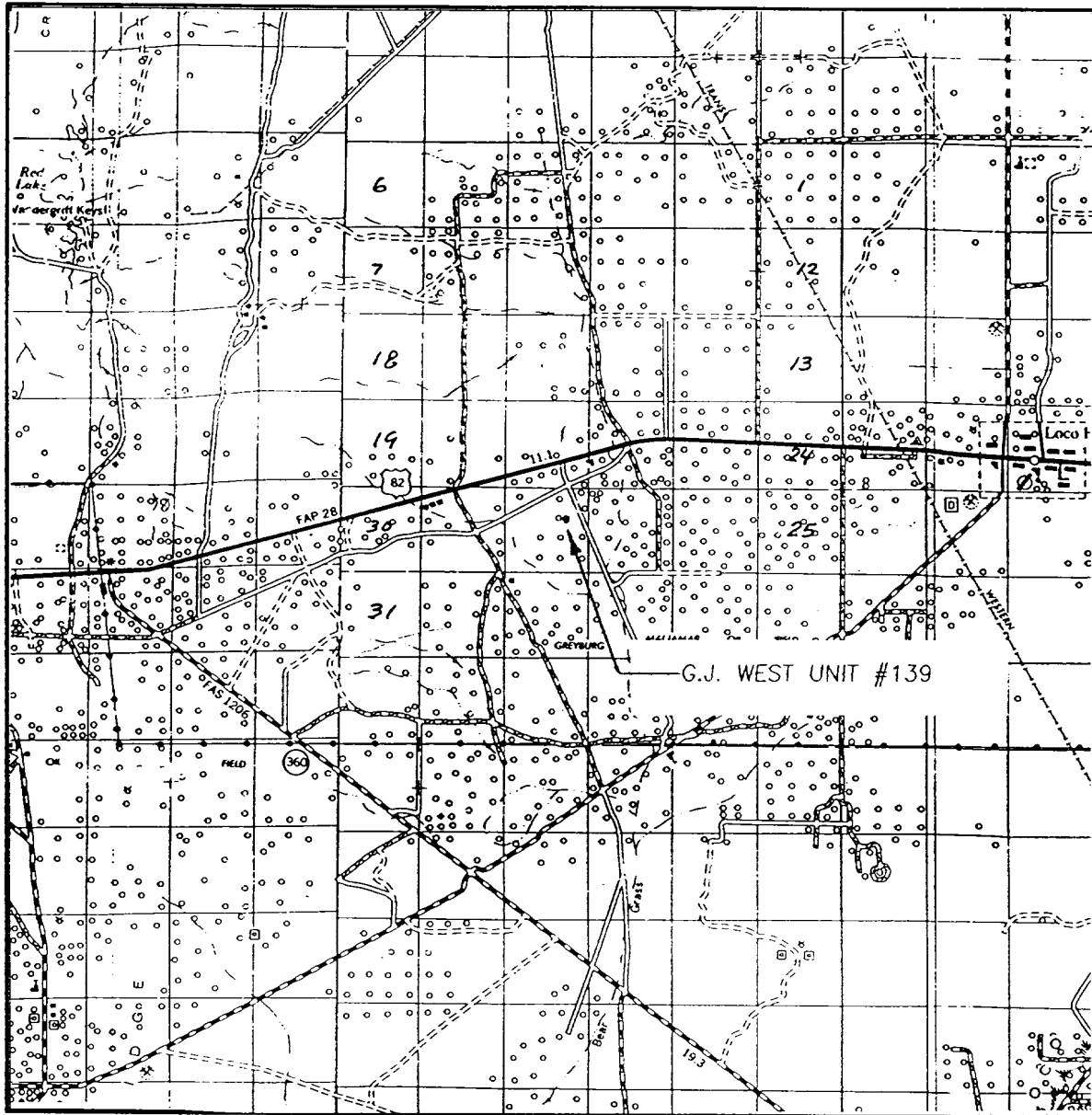
LEASE G.J. WEST UNIT

U.S.G.S. TOPOGRAPHIC MAP

RED LAKE N.E., 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 1650' FNL & 1730' FEL

ELEVATION 3566

OPERATOR MACK ENERGY CORPORATION

LEASE G.J. WEST UNIT

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

30-015-28494

Grid- 13837

Property- 6104

Pool- 28509

Oxford[®]

ESSELTE

MADE IN U.S.A.

NO. R753 1/3

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7-27-95

Dual Spaced Neutron

2000-4000

Dual Sat.

1-1-95

Geol. Tops per / BGA

TX (cp)	230
BX (cp)	735
Grayburg	2210
San Andres	2432
Louington SD	2551