

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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OP

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

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

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

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

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

MAR 18 1993

API NO. (assigned by OCD on New Wells)
30-015-27360

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:
DRILL RE-ENTER DEEPEN PLUG BACK

b. Type of Well:
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Mack Energy Corporation

3. Address of Operator
P.O. Box 1359, Artesia, NM 88211-1359

4. Well Location
Unit Letter D : 990 Feet From The North Line and 990 Feet From The West Line
Section 21 Township 17S Range 29E NMPM Eddy County

7. Lease Name or Unit Agreement Name
G-J West Coop Unit

8. Well No.
#115

9. Pool name or Wildcat
Grayburg Jackson SR QN GB SA

10. Proposed Depth
4600'

11. Formation
San Andres

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
3607.8 GR

14. Kind & Status Plug. Bond
Statewide Bond

15. Drilling Contractor
LaRue Drilling

16. Approx. Date Work will start

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
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.	

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.

Post 10-1
3-19-93
K. W. L. 9082

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Crissa D. Carter TITLE Production Clerk DATE 3/17/93
TYPE OR PRINT NAME Crissa D. Carter TELEPHONE NO. 748-1288

(This space for State Use)
APPROVED BY Mark Kelly TITLE Chief DATE 3-18-93

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR 180 DAYS
DAYS 9-18-93
AND UNDERWAY

Submit to Appropriate
 District Office
 State Lease - 4 copies
 Fee Lease - 3 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-102
 Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

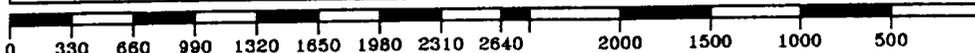
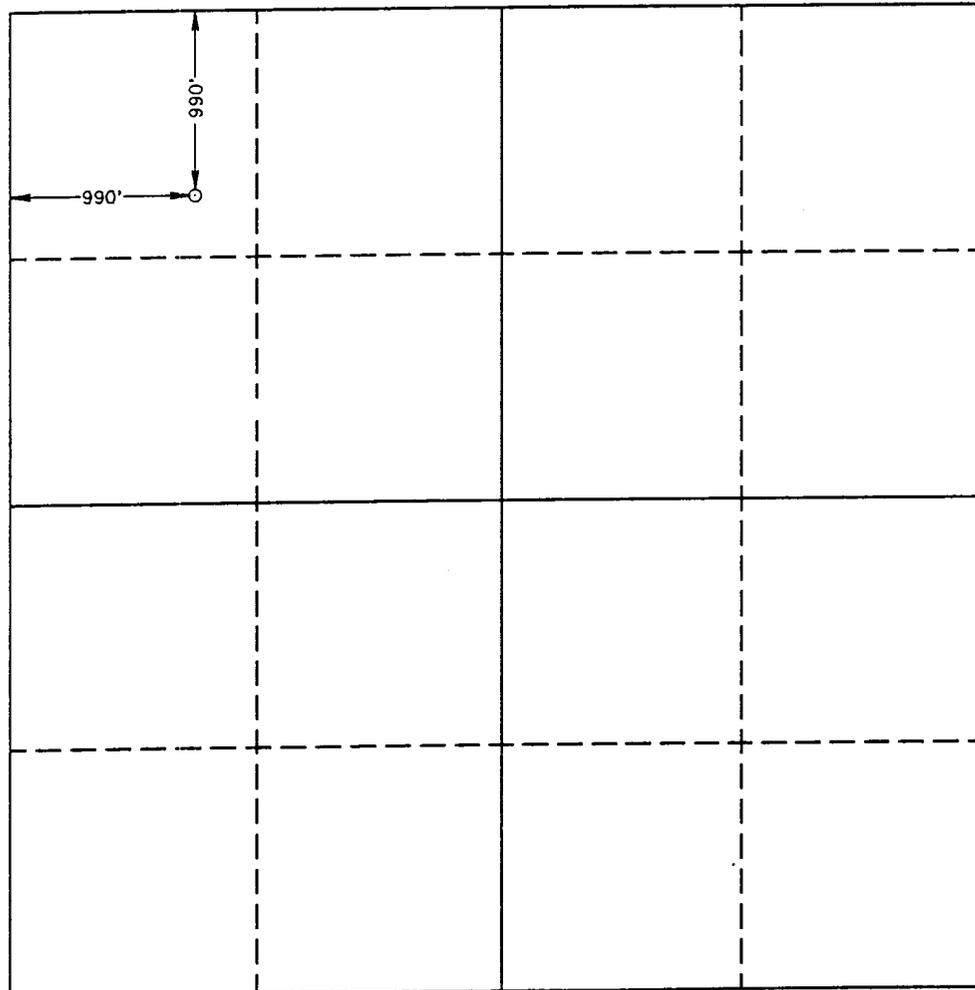
Operator MACK ENERGY CORPORATION			Lease G.J. WEST		Well No. 115
Unit Letter D	Section 21	Township 17 SOUTH	Range 29 EAST	County EDDY	
Actual Footage Location of Well: 990 feet from the NORTH line and 990 feet from the WEST line					
Ground Level Elev. 3607.8'	Producing Formation San Andres	Pool Grayburg Jackson SR QN GB SA		Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

Yes No If answer is "yes" type of consolidation _____

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.) _____

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, 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
Crissa D. Carter

Position
Production Clerk

Company
Mack Energy Corporation

Date
3/17/93

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 knowledge and belief.

Date Surveyed
MARCH 12, 1993

Signature & Seal of Professional Surveyor

Certificate No. **JOHN W. WESTE 676**
RONALD J. EIDSON 3239
GARY L. JONES 7977

93-11-0424

30-015-27360

David - 13837

Prop - 6104

Prod - 28509

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C+T

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ESSELTE

MADE IN U.S.A.

NO. R753 1/3

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7-30-93

Laterolog

802-4754

Neutron

2000-4753