

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Form C-101  
Revised 1-1-89

API NO. (assigned by OCD on New Wells)  
30-015-27361

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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

8. Well No.  
#116

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

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 : 330 Feet From The North Line and 330 Feet From The West Line  
Section 21 Township 17S Range 29E NMPM Eddy County

10. Proposed Depth  
4600'

11. Formation  
San Andres

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)  
3600.0 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  
RECEIVED 11/21

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 [Signature] TITLE [Signature] DATE 3/18/93  
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS  
EXPIRES 9-18-93  
DURING DRILLING UNDERWAY



**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

|  |                      |                             |                           |      |                        |
|--|----------------------|-----------------------------|---------------------------|------|------------------------|
| Operator<br><b>MACK ENERGY CORPORATION</b> |                      |                             | Lease<br><b>G.J. WEST</b> |      | Well No.<br><b>116</b> |
| Unit Letter<br><b>D</b>                    | Section<br><b>21</b> | Township<br><b>17 SOUTH</b> | Range<br><b>29 EAST</b>   | NMPM | County<br><b>EDDY</b>  |

Actual Footage Location of Well:

|   |  |   |                                       |
|---|--|---|---------------------------------------|
| 330 feet from the <b>NORTH</b> line and |  | 330 feet from the <b>WEST</b> line          |                                       |
| Ground Level Elev.<br><b>3600.0'</b>    | Producing Formation<br><b>San Andres</b> | Pool<br><b>Grayburg Jackson SR QN GB SA</b> | Dedicated Acreage:<br><b>40</b> 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

*David J. Gibson*  
Certificate No. JOHN W. WEST 676  
RONALD J. EIDSON 3239  
GARY L. HARRIS 7977

93-11-0425