

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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

API NO. (assigned by OCD on New Wells)

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 ☐

7. Lease Name or Unit Agreement Name

G-J West Coop Unit

2. Name of Operator

Mack Energy Corporation

8. Well No.

#104

3. Address of Operator

P.O. Box 1359, Artesia, NM 88211-1359

9. Pool name or Wildcat

Grayburg Jackson SR QN GB SA

4. Well Location

Unit Letter M : 560 Feet From The South Line and 480 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.)

3598.7 GR

14. Kind & Status Plug. Bond

Statewide Bond

15. Drilling Contractor

LaRue Drilling

16. Approx. Date Work will start

1/15/92

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.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-28-93
UNLESS DRILLING UNDERWAY

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 Crista D Carter TITLE Production Clerk DATE 12/21/92

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY Mark Schultz TITLE Geologist DATE 12-28-92

CONDITIONS OF APPROVAL, IF ANY:

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MACK ENERGY CORP.			Lease G. J. WEST		Well No. 104
Unit Letter M	Section 21	Township 17 SOUTH	Range 29 EAST	County NMPM EDDY	
Actual Footage Location of Well: 560 feet from the SOUTH line and 480 feet from the WEST line					
Ground Level Elev. 3598.7	Producing Formation SAN ANDRES		Pool 65-SR-Q-GB-SA		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 that 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 Corp.
Date
12/21/92

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
DECEMBER 12, 1992
Signature & Seal of Professional Surveyor
7977
Certificate No. **JOHN W. WEST, 676**
RONALD J. EDSON, 3238
GARY L. JONES, 7977

92-11-1959

30-015-27257

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NO. R753 1/3

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7-30-93
Dual Space Neutron
2000-5045
Laterolog
771-5048