



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

June 14, 1999



Donna D.

Mack Energy Corporation
P. O. Box 960
Artesia, New Mexico 88211-0960
Attention: Matt Brewer

Telefax No. (505) 746-2362

Administrative Order NSL-4314

Dear Mr. Brewer:

Reference is made to your application dated June 10, 1999 for an unorthodox gas well location within the Ellenburger formation for Mack Energy Corporation's proposed MC Federal Well No. 1 to be drilled 2275 feet from the North line and 1268 feet from the West line (Unit E) of Section 22, Township 17 South, Range 32 East, NMPM, Eddy County, New Mexico. The W/2 of Section 22 is to be dedicated to this well in order to form a standard 320-acre gas spacing and proration unit.

The application has been duly filed under the provisions of Rule 104.F of the Rules and Regulations of the New Mexico Oil Conservation Division ("Division").

By the authority granted me under the provisions of Division Rule 104.F(2), the above-described unorthodox gas well location is hereby approved.

Sincerely,

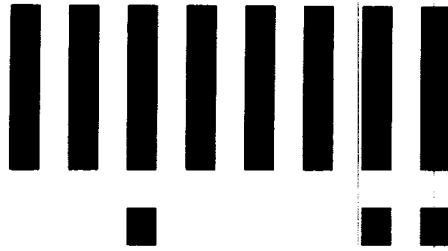
Lori Wrotenbery

Lori Wrotenbery
Director

LW/MWA/kv

cc: New Mexico Oil Conservation Division - Artesia /
U. S. Bureau of Land Management - Carlsbad

*Please
correct. Location
is in Lea County
Thanks dp*



LTR



Job separation sheet

N. M. OIL CONS. COMMISSION
P. O. BOX 1880
HOBBS, NEW MEXICO 88240
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
OIL WELL ☐ Gas Well ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Mack Energy Corporation

3. ADDRESS AND TELEPHONE NO.
P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288

4. LOCATION OF WELL (Report location clearly and in accordance with any state regulations)
At surface 2275 FNL & 1268 FWL
At proposed prod. zone F 2275 FNL & 1268 FWL

5. LEASE DESIGNATION AND SERIAL NO.
LC-029509A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
MC Federal #1

9. API WELL NO.
30-025-34647

10. FIELD AND POOL, OR WILDCAT
Wildcat Ellenburger

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 22 T17S R32E

12. COUNTY OR PARISH
Lea

13. STATE
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)
330

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES IN LEASE TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.
660

19. PROPOSED DEPTH
15000

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR-4006

22. APPROX. DATE WORK WILL START*
6/15/1999

23. PROPOSED CASING AND CEMENT SCHEDULE

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	K-55, 13 3/8	54.5	650	Circ
12 1/4	L-80, 9 5/8	40	4600	Circ
8 3/4	L-80, 7	32	15000	Suff to Circ

Mack Energy proposes to drill to a depth sufficient to test the Ellenburger Formation for oil gas. If productive, 7" casing will be cemented. If non-productive, plugging and abandoning in a manner consistent with federal regulation. Specific programs as per Onshore Oil and Gas Order #1 are outlined in the following attachments:

1. Surveys
Exhibit #1- Well Location Plat
Exhibit #2- Vicinity Map
Exhibit #3- Location Verification Map
2. Drilling Program
3. Surface Use & Operating Plan
Exhibit #4- One Mile Radius Map
Exhibit #5- Production Facilities Layout
Exhibit #6- Location Layout
4. Certification
5. Hydrogen Sulfide Drilling Operation Plan
Exhibit #7- H2S Warning Sign
Exhibit #8- H2S Safety Equipment
6. Blowout Preventers
Exhibit #9- BOPE Schematic
Exhibit #10- Blowout Preventer Requirements
Exhibit #11- Choke Manifold
7. Responsibility Statement

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or

ly, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Matt J. Brewer TITLE Geological Engineer DATE 04/30/1999

for Federal or State office use)

APPROVAL DATE

approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

OF APPROVAL, IF ANY: **Acting**

Larry D. Bray TITLE Assistant Field Office Manager,
Lands and Minerals DATE JUN 02 1999

*See Instructions On Reverse Side

C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

30
APR 29 '99

BLM
ROSWELL, NM