

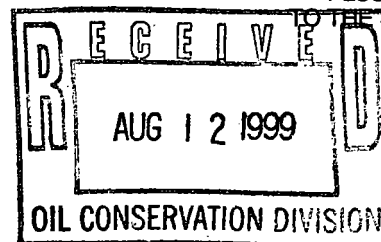
1153

District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-142  
Date 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE



APPLICATION FOR NEW WELL STATUS

I. Operator and Well

|  |               |                 |              |                       |                           |                            |                        |                    |
|--|---------------|-----------------|--------------|-----------------------|---------------------------|----------------------------|------------------------|--------------------|
| Operator name & address<br>Mack Energy Corporation<br>P.O. Box 960<br>Artesia, NM 88211-0960 |               |                 |              |                       |                           | OGRID Number<br>013837     |                        |                    |
| Contact Party<br>Robert C. Chase   |               |                 |              |                       |                           | Phone<br>(505)748-1288     |                        |                    |
| Property Name<br>Western Federal   |               |                 |              |                       | Well Number<br>3          | API Number<br>30-015-30357 |                        |                    |
| UL<br>G  | Section<br>30 | Township<br>17S | Range<br>29E | Feet From The<br>2330 | North/South Line<br>North | Feet From The<br>1650      | East/West Line<br>East | County<br>Eddy, NM |

II. Date/Time Information

|                      |                      |                           |                          |
|----------------------|----------------------|---------------------------|--------------------------|
| Spud Date<br>3/19/99 | Spud Time<br>2:15 pm | Date Completed<br>4/12/99 | Pool<br>East Empire Yeso |
|----------------------|----------------------|---------------------------|--------------------------|

III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of New Mexico )  
County of Eddy ) ss.  
Robert C. Chase, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.  
2. To the best of my knowledge, this application is complete and correct.

Signature [Signature] Title Vice President Date 8/9/99

SUBSCRIBED AND SWORN TO before me this 9th day of August, 1999.

My Commission expires: 12-9-99 Notary Public [Signature]

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

|                                 |                            |                            |
|---------------------------------|----------------------------|----------------------------|
| Signature<br><u>[Signature]</u> | Title<br><u>P.E. Spec.</u> | Date<br><u>AUG 13 1999</u> |
|---------------------------------|----------------------------|----------------------------|

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: AUG 16 1999

NOTICE: The operator must notify all working interest owners of this New Well certification.

PN2V2006334626

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

See other In-  
struction on  
reverse side)FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 19916. LEASE DESIGNATION AND SERIAL NO.  
LC-028480-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

## 1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

## b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

## 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 requirements)\*

At surface

2330 FNL 1650 FEL

At top prod. interval reported below

2330 FNL 1650 FEL

At total depth

2330 FNL 1650 FEL

## 7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
Western Federal #3

## 9. API WELL NO.

30-015-30357

## 10. FIELD AND POOL, OR WILDCAT

East Empire Yeso

## 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 30 T17S R29E

## 14. PERMIT NO.

## DATE ISSUED

## 12. COUNTY OR PARISH

Eddy

## 13. STATE

NM

## 15. DATE SPUDDED

3/19/99

## 16. DATE T.D. REACHED

3/30/99

## 17. DATE COMPL. (Ready to prod.)

4/12/99

## 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

3645 RKB

## 19. ELEV. CASING HEAD

3634

## 20. TOTAL DEPTH, MD &amp; TVD

5200

## 21. PLUG, BACK T.D., MD &amp; TVD

4317'

## 22. IF MULTIPLE COMPL., HOW MANY\*

## 23. INTERVALS DRILLED BY

## ROTARY TOOLS

Yes

## CABLE TOOLS

## 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

3956-4214' Paddock

## 25. WAS DIRECTIONAL SURVEY MADE

Yes

## 26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

## 27. WAS WELL CORED

No

## 28.

## CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB/FT | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|---------------|----------------|-----------|---------------------------------|---------------|
| 13 3/8, J-55      | 54            | 346            | 17 1/2    | 350 sx                          | None          |
| 8 5/8, J-55       | 24            | 771            | 12 1/4    | 450 sx                          | None          |
| 5 1/2, J-55       | 15.5          | 4330           | 7 7/8     | 825 sx                          | None          |

## 29.

| SIZE | TOP (MD) | SCREEN (MD) | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|----------------|-----------------|
|      |          | 2 7/8       | 4244           |                 |
|      |          | 2 7/8       |                |                 |

## 31. PERFORATION RECORD (Interval, size and number)

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED  |
|---------------------|-----------------------------------|
| 3956-4214           | 2500 gals 15% NE acid             |
| 3956-4214           | 54,000 gals gel, 32,000 gals acid |

3956-4214', 71

## 33.

## PRODUCTION

## DATE FIRST PRODUCTION

4/18/99

## PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

2 1/2 x 2 x 20 HVR

## WELL STATUS (Producing or shut-in)

Producing

| DATE OF TEST        | HOURS TESTED    | CHOKE SIZE              | PROD'N FOR TEST PERIOD | OIL-BBL. | GAS-MCF.   | WATER-BBL.                | GAS-OIL RATIO |
|---------------------|-----------------|-------------------------|------------------------|----------|------------|---------------------------|---------------|
| 4/28/99             | 24              |                         |                        | 99       | 142        | 356                       | 1434          |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL-BBL.               | GAS-MCF. | WATER-BBL. | OIL GRAVITY - API (CORR.) |               |
|                     |                 |                         | 99                     | 142      | 356        |                           | 38            |

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

## 35. LIST OF ATTACHMENTS

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Crista D. Carter

TITLE

Production Analyst

DATE

06/18/99

\*(See Instructions and spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES- (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION        | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME       | TOP        |                 |
|------------------|------|--------|-----------------------------|------------|------------|-----------------|
|                  |      |        |                             |            | MEAS.DEPTH | TRUE VERT.DEPTH |
| East Empire Yeso | 3952 | 4230   |                             | Queen      | 1663       |                 |
|                  |      |        |                             | San Andres | 2382       |                 |
|                  |      |        |                             | Glorietta  | 3827       |                 |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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 (Footage, Sec., T. R., M. or Survey Description)

Sec. 30T17S-R29E 2330 FNL & 1650 FEL

5. Lease Designation and Serial No.

LC-028480-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Western Federal #3

9. API Well No.

30-015-30357

10. Field and Pool, or Exploratory Area

Empire Yeso

11. County or Parish, State

Eddy, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

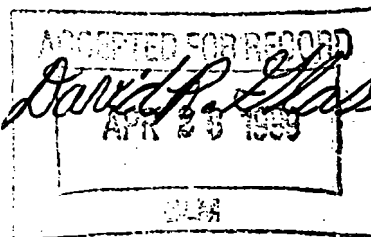
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud & Cement Casings  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

3/19/1999 Spud 17 1/2" hole 2:15PM, (CALLED BLM) TD hole 8:00PM 3-18-99, Ran 8 jts. 13 3/8" 54# K-55 ST&C, 330' set @ 346'; BJ cemented with 350 sack Class C 2% CaCl, (Circ 105 sks) plug down 1:40AM 3-19-99.

3/20/1999 TD 12 1/4" hole, ran 18 jts. 8 5/8" 24# J-55 756' set at 771' cement with 250 sacks 35/65 6%Gel, 6# salt 1/4#CF, Tail in with 200 sacks Class C 2% CaCl, circ 83 sacks, plug down 4:45AM 3-20-99.



APR 23 1999

14. I hereby certify that the foregoing is true and correct

Signed

*Crista D. Carter*

Title

Production Analyst

Date

4/21/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

•See Instruction on Reverse Side

| PROPERTY | DOI | MO/YR | PROPERTY NAME | OWNER SQ        | OWNER NAME                    | INTEREST   | INTEREST TYPE | LAST CHANGE |
|----------|-----|-------|---------------|-----------------|-------------------------------|------------|---------------|-------------|
| 002275   | 003 | J1    | 03/98         | WESTERN FEDERAL | 3                             |            |               |             |
|          |     |       |               | 999101          | 00 CHASE OIL CORPORATION      | .65000000  | 1 WOR         | 5/13/98     |
|          |     |       |               | 999104          | 00 RICHARD L. CHASE           | .03000000  | 1 WOR         | 5/13/98     |
|          |     |       |               | 999105          | 00 GERENE DIANNE CHASE CROUCH | .02000000  | 1 WOR         | 5/13/98     |
|          |     |       |               | 999106          | 00 ROBERT C. CHASE            | .05000000  | 1 WOR         | 5/13/98     |
|          |     |       |               | 999107          | 00 MACK C. CHASE TRUST        | .25000000  | 1 WOR         | 5/13/98     |
|          |     |       |               |                 | TOTAL INTEREST                | 1.00000000 |               |             |