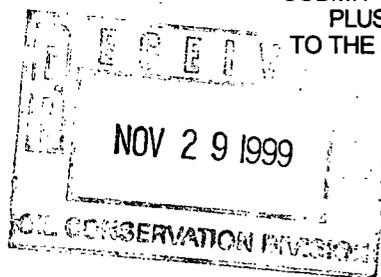


1432

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

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE



APPLICATION FOR NEW WELL STATUS

I. Operator and Well

| | | | | | | | | | |
|--|---------------|-----------------|--------------|-----------------------|---------------------------|------------------------|------------------------|----------------------------|--|
| Operator name & address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960 | | | | | | OGRID Number 013837 | | | |
| Contact Party Robert C. Chase | | | | | | Phone (505)748-1288 | | | |
| Property Name Berry A Federal | | | | | | Well Number 11 | | API Number 30-015-30669 | |
| UL F | Section 21 | Township 17S | Range 30E | Feet From The 1700 | North/South Line North | Feet From The 2260 | East/West Line West | County Eddy, NM | |

II. Date/Time Information

| | | | |
|----------------------|-----------------------|----------------------------|----------------------------|
| Spud Date 10/5/99 | Spud Time 10:00 pm | Date Completed 10/28/99 | Pool Loco Hills Paddock |
|----------------------|-----------------------|----------------------------|----------------------------|

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:

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

Signature: [Signature] Title: Vice President Date: 11/24/99

SUBSCRIBED AND SWORN TO before me this 24th day of November, 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 <u>[Signature]</u> | Title <u>P.E. Spec.</u> | Date <u>DEC 27 1999</u> |
|---------------------------------|----------------------------|----------------------------|

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 12/28/99

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

PVZV2007242664

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*
(See other instruction on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

| | | | | | | | |
|---|---------------------------|---|-----------------------------|--|---------------------------------|---|--------------------------------------|
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG* | | | | | | 5. LEASE DESIGNATION AND SERIAL NO. LC-054988-A | |
| 1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ | | | | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ | | | | | | 7. UNIT AGREEMENT NAME | |
| 2. NAME OF OPERATOR Mack Energy Corporation | | | | | | 8. FARM OR LEASE NAME, WELL NO. Berry A Federal #11 | |
| 3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288 | | | | | | 9. API WELL NO. 30-015-30669 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1700 FNL 2260 FWL At top prod. interval reported below 1700 FNL 2260 FWL At total depth 1700 FNL 2260 FWL | | | | | | 10. FIELD AND POOL, OR WILDCAT Loco Hills Paddock | |
| 14. PERMIT NO. _____ DATE ISSUED _____ | | | | | | 12. COUNTY OR PARISH Eddy | 13. STATE NM |
| 15. DATE SPUDDED 10/5/99 | | 16. DATE T.D. REACHED 10/16/99 | | 17. DATE COMPL. (Ready to prod.) 10/28/99 | | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3664 | 19. ELEV. CASING HEAD 3652 |
| 20. TOTAL DEPTH, MD & TVD 4922 | | 21. PLUG, BACK T.D., MD & TVD 4892 | | 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)* 4397-4859.5 Paddock | | | | | | 25. WAS DIRECTIONAL SURVEY MADE Yes | |
| 28. 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 | | 54 | 485 | 17 1/2 | 450 sx | | None |
| 8 5/8 | | 24 | 1120 | 12 1/4 | 475 sx | | None |
| 5 1/2 | | 17 | 4907 | 7 7/8 | 1125 sx | | None |
| 29. LINER RECORD | | | | 30. TUBING RECORD | | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| | | | | | 2 7/8 | 4368 | |
| 31. PERFORATION RECORD (Interval, size and number) 4397-4859.5, 1/2, 116 | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC | | | |
| DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | | | | | |
| 4397-4859.5 | | 2500 gals 15% NEFE acid | | | | | |
| 4397-4859.5 | | 32,000 gals 20% HCL acid | | | | | |
| | | 54,000 gals 40# gel | | | | | |
| 33. PRODUCTION | | | | | | | |
| DATE FIRST PRODUCTION 11/2/99 | | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping, Subpump | | | | WELL STATUS (Producing or shut-in) Producing | |
| DATE OF TEST 11/11/99 | HOURS TESTED 24 | CHOKE SIZE None | PROD'N FOR TEST PERIOD → | OIL-BBL. 179 | GAS-MCF. 177 | WATER-BBL. 725 | GAS-OIL RATIO 988 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE → | OIL-BBL. 179 | GAS-MCF. 177 | WATER - BBL. 725 | OIL GRAVITY - API (CORR.) 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 Cissa D. Cat TITLE Production Analyst DATE 11/12/99

*(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.DEPH | TRUE VERT.DEPH |
| Loco Hills Paddock | 4397 | 4812 | | Queen | 2139 | |
| | | | | San Andres | 2859 | |
| | | | | Glorietta | 4308 | |

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 21-T17S-R30E 1700 FNL & 2260 FWL

5. Lease Designation and Serial No.

LC-054988-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.

Berry A Federal #11

9. API Well No.

30-015-30669

10. Field and Pool, or Exploratory Area

Loco Hills Paddock

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)*

10/05/1999 Spud 17 1/2" hole 10:00pm (call Duncan BLM).
 10/06/1999 TD 17 1/2" hole @ 490', 7:30am, circ hole, RIH 11 jts 13 3/8" 54# K-55 LT&C 469' set at 485', rig BJ up cement with 450sx Class C 2% CaCl, circ 51sx to pit, Plug down 10:30am, WOC. (witness Duncan BLM)
 10/08/1999 TD 12 1/4" hole 9:45am at 1127', RIH with 27 jts 8 5/8" 24# J-55 ST&C set at 1120', Cement w/275sx 35/65 Lite 6%Gel 6#salt 1/4#CF, Tail in w/200sx Class C 2% CaCl plug down 2:30am, circ 91sx. WOC.

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

Signed Crissa D. Carter

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Production Analysis
ACCEPTED FOR RECORD
David R. Glass
OCT 18 1999
BLM

Date 10/14/1999

Date _____

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.

| PROPERTY | DOI | MO/YR | PROPERTY NAME | OWNER SQ | OWNER NAME | INTEREST | INTEREST TYPE | LAST CHANGE |
|----------|-----|-------|--------------------------|----------|-----------------------------|------------|---------------|-------------|
| 000100 | 011 | J1 | 10/92 BERRY A FEDERAL 11 | | | | | |
| | | | 006172 | 00 | THE HOMESTAKE OIL & GAS CO. | .06250000 | 1 WOR | 5/18/99 |
| | | | 006243 | 00 | JAMES D. BROWN | .01000000 | 1 WOR | 5/18/99 |
| | | | 006470 | 00 | REBECCA ERICSON | .01000000 | 1 WOR | 5/18/99 |
| | | | 999101 | 00 | CHASE OIL CORPORATION | .64250000 | 1 WOR | 5/18/99 |
| | | | 999104 | 00 | RICHARD L. CHASE | .08750000 | 1 WOR | 5/18/99 |
| | | | 999105 | 00 | GERENE DIANNE CHASE CROUCH | .07500000 | 1 WOR | 5/18/99 |
| | | | 999106 | 00 | ROBERT C. CHASE | .11250000 | 1 WOR | 5/18/99 |
| | | | | | TOTAL INTEREST | 1.00000000 | | |