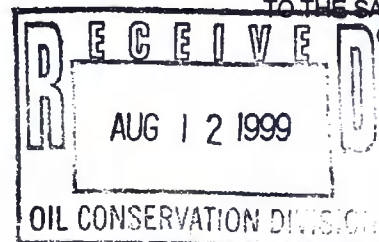


Date 06/99

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 Gold Star Federal | | | | | Well Number 4 | API Number 30-015-30309 | |
| UL A | Section 30 | Township 17S | Range 29E | Feet From The 330 | North/South Line North | Feet From The 990 | East/West Line East |
| | | | | | | | County Eddy, NM |

II. Date/Time Information

| | | | |
|----------------------|-----------------------|--------------------------|---------------------|
| Spud Date 6/17/99 | Spud Time 10:00 am | Date Completed 7/7/99 | Pool 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:

- 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 Robert C. Chase 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 Cassia D. Cat

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>Mark Kelly</u> | Title <u>P.E. Spee</u> | Date <u>OCT 1 1999</u> |
|--------------------------------|---------------------------|---------------------------|

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 10/1/99

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

**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. NM-29267 | |
| 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. Gold Star Federal #4 | |
| 3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288 | | | | | | 9. API WELL NO. 30-015-30309 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330 FNL 990 FEL At top prod. interval reported below 330 FNL 990 FEL At total depth 330 FNL 990 FEL | | | | | | 10. FIELD AND POOL, OR WILDCAT East Empire Yeso | |
| 14. PERMIT NO. _____ DATE ISSUED _____ | | | | | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 30 T17S R29E | |
| 15. DATE SPUDDED 6/17/99 | | 16. DATE T.D. REACHED 6/25/99 | | 17. DATE COMPL. (Ready to prod.) 7/7/99 | | 18. ELEVATIONS (DF, RK3, RT, GR, ETC.) 3642 | |
| 19. ELEV. CASING HEAD 3631 | | 20. TOTAL DEPTH, MD & TVD 4309 | | | | | |
| 21. PLUG, BACK T.D., MD & TVD 4256 | | 22. IF MULTIPLE COMPL., HOW MANY* | | 23. INTERVALS DRILLED BY → | | ROTARY TOOLS Yes | |
| 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 3850.5-4135 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, K-55 | 48 | 316 | 17 1/2 | 400sx | | None | |
| 8 5/8, K-55 | 24 | 768 | 12 1/4 | 450sx | | None | |
| 5 1/2, J-55 | 15.5 | 4273 | 7 7/8 | 890sx | | None | |
| 29. LINER RECORD | | | | 30. TUBING RECORD | | | |
| SIZE | T O P (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| | | | | | 2 7/8 | 4168 | |
| 31. PERFORATION RECORD (Interval, size and number) 3850.5-4135, 1/2, 75 | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC | | | |
| | | | | DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | |
| | | | | 3850.5-4135 | | 2500 gals 15% NE acid | |
| | | | | 3850.5-4135 | | 32,000 gals 20% NE acid | |
| | | | | | | | |
| 33. PRODUCTION | | | | | | | |
| DATE FIRST PRODUCTION 7/12/99 | | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping, 2 1/2 x 2 x 20' RHBC-HVR-PAP-BNC | | | | WELL STATUS (Producing or shut-in) Producing | |
| DATE OF TEST 7/14/99 | HOURS TESTED 24 | CHOKE SIZE | PROD'N FOR TEST PERIOD → | OIL-BBL. 94 | GAS-MCF. 131 | WATER-BBL. 489 | GAS-OIL RATIO 1393 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE → | OIL-BBL. 94 | GAS-MCF. 131 | WATER-BBL. 489 | 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 *Luisa D. Carter* TITLE Production Clerk DATE 7/15/99

*(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.

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

5. Lease Designation and Serial No.

NM-29267

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.

Gold Star Federal #4

9. API Well No.

30-015-30309

10. Field and Pool, or Exploratory Area

East Empire Yeso

11. County or Parish, State

Eddy, NM

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 988211-0960

505-748-1288

4. Location of Well (Footage, Sec., T. R., M. or Survey Description)

Sec. 30-T17S-R29E 330 FNL & 990 FEL

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

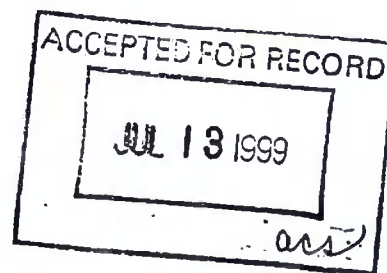
- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other
- Spud & Cement Casings
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(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.)

6/17/1999 Spud 17 1/2" hole 10:00AM. Called Don Early @ BLM office. Lost circ at 158' mix fresh water mud pill got returns back for 1 hour, no returns but fluid level stayed at 3' below cellar, TD hole at 322' at 5:30PM (called BLM no answer on cell phone left message at main #, circ POH, rig csg crew up RIH with 8 jts 13 3/8" 61# ST&C K-55, shoe jt 46' with notched collar and baffle plate set at 316' rig csg crew down rig up BJ, pump 400sx Class C 2% CaCl, circ 25sx. Plug down at 7:30PM, cement fell back 36' below surface, call ready mix 5 yards and cement to surface.

6/18/1999 TD 12 1/4" hole @ 776' @ 3:30PM (Called BLM Carlsbad Kathey Queen), circ hole, RIH with 17 jts 8 5/8" 24# ST&C J-55 756' set @ 768', BJ Cemented w/ 250sx 35/65 6%Gel, 3#salt 1/4#CF tail in w/200sx Class C 2%CaCl, plug down 7:20PM, circ 120sx.



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

Signed

Cris D. Carter

Title

Production Analyst

Date

7/8 99

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

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.

•See Instruction on Reverse Side

| PROPERTY | DOI | MO/YR | PROPERTY NAME | OWNER SQ | OWNER NAME | INTEREST | INTEREST TYPE | LAST CHANGE |
|----------|-----|-------|---------------|---------------------|-------------------------------|------------|---------------|-------------|
| 000785 | 004 | J1 | 03/98 | GOLD STAR FEDERAL 4 | | | | |
| | | | | 001020 | 00 BUCKHORN ENTERPRISES CORP. | .00859275 | 1 WOR | 5/13/98 |
| | | | | 001070 | 00 BILLY W. CHASE | .00859275 | 1 WOR | 5/13/98 |
| | | | | 007690 | 00 TEXACO E&P | .25000000 | 1 WOR | 5/13/98 |
| | | | | 999101 | 00 CHASE OIL CORPORATION | .36162000 | 1 WOR | 5/13/98 |
| | | | | 999104 | 00 RICHARD L. CHASE | .01865100 | 1 WOR | 5/13/98 |
| | | | | 999105 | 00 GERENE DIANNE CHASE CROUCH | .01092150 | 1 WOR | 5/13/98 |
| | | | | 999106 | 00 ROBERT C. CHASE | .04162200 | 1 WOR | 5/13/98 |
| | | | | 999107 | 00 MACK C. CHASE TRUST | .30000000 | 1 WOR | 5/13/98 |
| | | | | | TOTAL INTEREST | 1.00000000 | | |