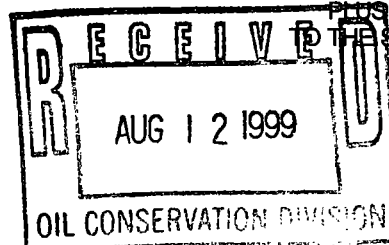


District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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:

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 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 Cassie S. 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 H. Kelly</u>	Title <u>P.E. Speer</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.

PN2V2006333268

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, 19915. LEASE DESIGNATION AND SERIAL NO.
NM-29267

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

330 FNL 990 FEL

At top prod. interval reported below

330 FNL 990 FEL

At total depth

330 FNL 990 FEL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Gold Star Federal #4

9. API WELL NO.

30-015-30309

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
Eddy13. STATE
NM

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, RKB, RT, GR, ETC.)

3642

19. ELEV. CASING HEAD

3631

20. TOTAL DEPTH, MD & TVD

4309

21. PLUG, BACK T.D., MD & TVD

425622. 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)*

3850.5-4135 Paddock25. 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

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4168	

30. TUBING RECORD

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**94**

OIL-BBL.

131

GAS-MCF.

489

WATER-BBL.

1393

GAS-OIL RATIO

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

Crista 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.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
East Empire Yeso	3843	4140	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS.DEPTH	TRUE VERT.DEPTH
Queen	1601	
San Andres	2280	
Glorietta	3730	

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 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

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

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

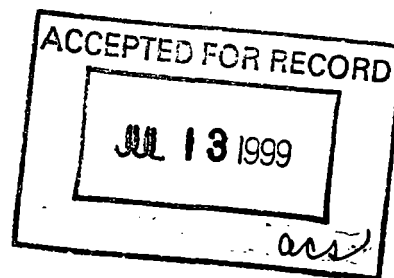
- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other
- Spud & Cement Casings
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(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

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					