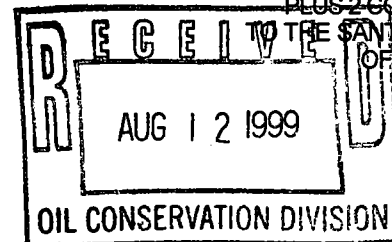


1144

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 2		API Number 30-015-30308		
UL B	Section 30	Township 17S	Range 29E	Feet From The 920	North/South Line North	Feet From The 1650	East/West Line East	County Eddy, NM

II. Date/Time Information

Spud Date 1/1/99	Spud Time 3:00 pm	Date Completed 1/26/99	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 Cassia J. Carr

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>Mack Energy</u>	Title <u>P.O. Spec.</u>	Date <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.

PV2V2006333199

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT 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

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

920 FNL 1650 FEL

At top prod. interval reported below

920 FNL 1650 FEL

At total depth

920 FNL 1650 FEL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Gold Star Federal #2

9. API WELL NO.

30-015-30308

10. FIELD AND POOL, OR WILDCAT

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

1/1/99

16. DATE T.D. REACHED

1/8/99

17. DATE COMPL. (Ready to prod.)

1/26/99

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

3645 RKB

19. ELEV. CASING HEAD

3633 GR

20. TOTAL DEPTH, MD & TVD

4375

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

4361

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)*

3860.5-4149 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, H-40	48	323	17 1/2	300 sx	None
8 5/8, J-55	32	804	12 1/4	450sx	None
5 1/2, J-55	17	4374	7 7/8	840 sx	None

29. LINER RECORD

SIZE	T O P (MD)	B O T T O M (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		1 1/2			2 7/8	4174	

31. PERFORATION RECORD (Interval, size and number)

3860.5-4149, 1/2, 79

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3860.5-4149	3000 gals 15% NE acid
3860.5-4149	32,000 gals 20% NE acid

33. PRODUCTION

DATE FIRST PRODUCTION 2/1/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 20', HVR-PAP-BNC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2/7/99	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 88	GAS-MCF. 85	WATER-BBL. 389	GAS-OIL RATIO 965
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 88	GAS-MCF. 85	WATER - BBL. 389	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. Coate

TITLE

Production Clerk

DATE

2/23/99

*(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
Empire Yeso	3851	4130		Queen	1604	
				San Andres	2300	
				Glorietta	3751	

RECEIVED

FEB 24 '99

BLM
ROSWELL, NM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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)

920 FNL 1650 FEL Sec 30 T17S R29E

5. Lease Designation and Serial No.

NM-29281-29267

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Gold Star Federal #2

9. API Well No.

30-015-30308

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

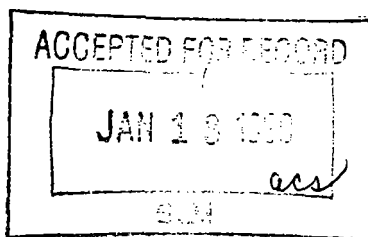
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Spud & Cement Casing
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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.)

1/1/99 Spud 17 1/2" hole 3:00pm 12/31/98, TD 9:50pm @ 329', Ran 7jts 13 3/8" 48# K-55 ST&C 308' set @ 323', rig up BJ Service cemented with 300sx Class C 2% CaCl, Plug down 1:30AM, circ 94sx to pit, WOC 12 hours. witness by BLM Duncan.

1/2/99 Spud 12 1/4" hole @ 1:40pm. TD 12 1/4" hole @ 810', RIH w/18 jts 8 5/8" 24# K-55, ST&C 791' set @ 804', rig up BJ Service cemented with 250sx 35/65 6%gel, 6#salt, 1/4#CF, tail in w/200sx class C 2% CaCl, plug down 1:30am 1/2/99, circ 86sx to pit. WOC 12 hours nipple up BOP.



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

Signed

Cristina D. Carter

Title

Production Clerk

Date

1/11/99

(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	002	J1	03/98	GOLD STAR	FEDERAL 2				
				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		