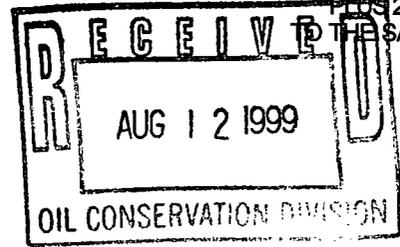


District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

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
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- 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 J. 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 P. Bee</u>	Title <u>P.E. Bee</u>	Date <u>OCT 1 1999</u>
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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 instruction on reverse side)

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

5. 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 _____

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

8. FARM OR LEASE NAME, WELL NO.

Mack Energy Corporation

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

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 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
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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	ROTARY TOOLS Yes	CABLE TOOLS
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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	TOP (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)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3850.5-4135, 1/2, 75	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.	GAS-MCF. 131	WATER-BBL. 489	GAS-OIL RATIO 1393
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 94	OIL-BBL.	GAS-MCF. 131	WATER - BBL. 489	OIL GRAVITY - API (CORR.) 38	

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

36. 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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS.DEPTH	TRUE VERT.DEPTH
East Empire Yeso	3843	4140		Queen	1601	
				San Andres	2280	
				Glorietta	3730	

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		