

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*

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 **1235 FNL 370 FEL**
At top prod. interval reported below **1235 FNL 370 FEL**
At total depth **1235 FNL 370 FEL**

N.M. Oil Cons. Division
811 S. 1ST ST.
ARTESIA, NM 88210-2834

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Gold Star Federal #1

9. API WELL NO.
30-015-30358

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 **12/5/98** 16. DATE T.D. REACHED **12/15/98** 17. DATE COMPL. (Ready to prod.) **1/8/99** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **3631** 19. ELEV. CASING HEAD **3620**

20. TOTAL DEPTH, MD & TVD **5126** 21. PLUG, BACK T.D., MD & TVD **5019** 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **Yes** 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* **3892-4188 Paddock**

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	300	17 1/2	325sx	None
8 5/8, J-55	32	868	12 1/4	450sx	None
5 1/2, J-55	17	5039	7 7/8	1000sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	4506	

31. PERFORATION RECORD (Interval, size and number)

3892-4188, 1/2, 57

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3892-4188	3000 gals 15% NE acid
3892-4188	32,000 gals 20% NE acid

33. PRODUCTION

DATE FIRST PRODUCTION 1/21/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping, 2 1/2 x 2 x 20' RHBC-HVR-PAP				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/26/99	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD → 109	OIL-BBL. 109	GAS-MCF. 104	WATER-BBL. 425	GAS-OIL RATIO 954
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE → 109	OIL-BBL. 109	GAS-MCF. 104	WATER - BBL. 425	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 Curtis D. Carter 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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Empire Yeso	3840	4180		Queen	1616	
				San Andres	2308	
				Glorietta	3768	

38. GEOLOGIC MARKERS

RECEIVED
FEB 24 99
BLM
ROSWELL, NM