

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, 1991N.M. Oil Cons. Div.
811 S. 1st Street

Artesia, NM 88210-2834

5. LEASE DESIGNATION AND SERIAL NO.
NM-29267

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Gold Star Federal #3

9. API WELL NO.

30-015-30469

10. FIELD AND POOL, OR WILDCAT

East Empire Yeso

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 30 T17S R29E

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

430 FNL 2410 FEL

At top prod. interval reported below

430 FNL 2410 FEL

At total depth

430 FNL 2410 FEL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

12/30/99

16. DATE T.D. REACHED

1/10/00

17. DATE COMPL. (Ready to prod.)

1/24/00

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

3645 RKB

19. ELEV. CASING HEAD

3636 GR

20. TOTAL DEPTH, MD & TVD

4255

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

4237

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)*

3825-4106.5 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	61	355	17 1/2	350 sx	None
8 5/8, K-55	24	796	12 1/4	550 sx	None
5 1/2, J-55	17	4249	7 7/8	840 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	3826	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3825-4106.5, 41, 85 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3825-4106.5	2500 gals 15% NE acid
3825-4106.5	32,000 gals 20% NE acid
3825-4106.5	54,000 gals 40# gel
3825-4106.5	5000 gals 15% acid

33. PRODUCTION

DATE FIRST PRODUCTION

1/24/00

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

Reda pump

WELL STATUS (Producing or
shut-in)

Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
2/8/00	24			116	146	455	1261
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
			116	146	455		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

TITLE

Production Analyst

DATE

2/10/00

BLM

*(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

TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
				MEAS.DEPH	TRUE VERT.DEPH
3776	4084		Queen	1593	
			San Andres	2276	
			Glorietta	3712	

RECEIVED
 FOR THE
 East Empire Yeso
 FEB 11 2000
 BLM
 ROSWELL NM