

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas Division
1st Street
Artesia, NM 88210-2834

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

LEASE DESIGNATION AND SERIAL NO.
NM-14840

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

2310 FSL 2310 FEL

At top prod. interval reported below

2310 FSL 2310 FEL

At total depth

2310 FSL 2310 FEL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

White Star Federal 3

9. API WELL NO.

30-015-30305

10. FIELD AND POOL, OR WILDCAT

East Empire Yeso

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

Sec 29-T17S-R29E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

1/4/00

16. DATE T.D. REACHED

1/15/00

17. DATE COMPL. (Ready to prod.)

2/1/00

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

3607 RKB

19. ELEV. CASING HEAD

3595

20. TOTAL DEPTH, MD & TVD

4465

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

4416

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)*

3985-4403' 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	54.5	326	17 1/2	325 sx	None
8 5/8 J-55	24	810	12 1/4	425 sx	None
5 1/2 J-55	17	4430	7 7/8	940 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	3947	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3985-4403', 0.41, 112

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3985-4403'	2500 gals 15% NEFE acid
3985-4403'	32000 gals 20% HCL acid
3985-4403'	54000 gals 40# gel
3985-4403'	5000 gals 15% acid

33.

PRODUCTION

DATE FIRST PRODUCTION

2/24/00

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

2 1/2x2x20" HVR PAP

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

3/1/2000

HOURS TESTED

24

CHOKE SIZE

None

PROD'N FOR TEST PERIOD

OIL-BBL.

85

GAS-MCF.

105

WATER-BBL.

426

GAS-OIL RATIO

1245

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL-BBL.

85

GAS-MCF.

105

WATER - BBL.

426

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 Analyst

DATE

2/29/00

*(See Instructions and spaces for Additional Data on Reverse Side)

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
East Empire Yeso	3972	4366		Queen	1727	
				San Andres	2451	
				Glorietta	3910	

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