

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Conservation Division
811 S. 1st Street
Artesia, NM 88210-2834

SUBMIT IN DUPLICATE*

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

LEASE DESIGNATION AND SERIAL NO.

NM-29269

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

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 ☐

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

1550 FSL 1500 FEL

At top prod. interval reported below

At total depth

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Navaho Federal #2

9. API WELL NO.

30-015-30839

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

4/19/00

16. DATE T.D. REACHED

4/29/00

17. DATE COMPL. (Ready to prod.)

5/15/00

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

3642 RKB

19. ELEV. CASING HEAD

3630

20. TOTAL DEPTH, MD & TVD

4515

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

4495

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)*

4117-4377' 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	48	321	17 1/2	350 sx	None
8 5/8	24	962	12 1/4	475 sx	None
5 1/2	15.5	4506	7 7/8	900 sx	None

29.

LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	4404	

31. PERFORATION RECORD (Interval, size and number)

4117-4377', .41, 75

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4117-4377'	32,000 gals 20% HCL acid
4117-4377'	54,000 gals 40# gel
4117-4377'	5000 gals 15% HCL

33.

PRODUCTION

DATE FIRST PRODUCTION

5/19/00

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

2 1/2 x 2 x 16" RHBC HVR PAP BNC

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

5/26/00

HOURS TESTED

24

CHOKE SIZE

PROD'N FOR TEST PERIOD

OIL-BBL.

96

GAS-MCF.

91

WATER-BBL.

435

GAS-OIL RATIO

947

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL-BBL.

96

GAS-MCF.

WATER - BBL.

435

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

David F. Glass

TITLE

Production Manager

DATE

5/26/00

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Empire Yeso	4072	4376		Queen	1737	
				San Andreas	2481	
				Glorietta	3982	

38. GEOLOGIC MARKERS

