

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN

LOCATE*
See other in-
struction on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
NM-29269

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT

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

1650 FSL 330 FEL

At top prod. interval reported below

At total depth

N.M. ON Cons. Division

811 S. 1st Street

Artesia, NM 88210-2834

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Navaho Federal #1

9. API WELL NO.

30-015-30838

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

3/8/00

16. DATE T.D. REACHED

3/28/00

17. DATE COMPL. (Ready to prod.)

4/17/00

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

3631 RKB

19. ELEV. CASING HEAD

3619

20. TOTAL DEPTH, MD & TVD

5663

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

4491

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)

4117-4379' 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	68	336	17 1/2	350 sx	None
8 5/8	24	955	12 1/4	445 sx	None
5 1/2	17	4505	7 7/8	955 sx	None

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4408	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4117-4379' .47, 70

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4117-4379'	32,000 gals 20% HCL acid
4117-4379'	54,000 gals 40# gel
4117-4379'	5000 gals cold 15% HCL

33. PRODUCTION

DATE FIRST PRODUCTION 4/22/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 16' HVR				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 5/2/00	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD → 138	OIL-BBL. 138	GAS-MCF. 151	WATER-BBL. 425	GAS-OIL RATIO 1094
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE → 138	OIL-BBL. 138	GAS-MCF. 151	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

Cissa D. Carls

TITLE

Production Analyst

DATE

5/2/00

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Empire Yeso	4061	4382		Queen	1747	
				San Andreas	2484	
				Glorietta	3989	

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