

(October 1990)

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

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

c15f

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.
C-062407
6. 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 _____

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

Mack Energy Corporation

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

3. ADDRESS AND TELEPHONE NO.

P.O. Box 960, Artesia, NM 88211-0960

(505) 748-1288

9. API WELL NO.

30-015-30709

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

840 FSL 2310 FEL

10. FIELD AND POOL, OR WILDCAT

Empire Yeso

At top prod. interval reported below

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

Sec 30 T17S R29E

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED
8/16/00

16. DATE T.D. REACHED
9/3/00

17. DATE COMPL. (Ready to prod.)
9/22/00

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)
3654 RKB

19. ELEV. CASING HEAD
3641

20. TOTAL DEPTH, MD & TVD
5400

21. PLUG, BACK T.D., MD & TVD
5358

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)*

4202-4422 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	331	17 1/2	325 sx	None
8 5/8	24	831	12 1/4	425 sx	None
5 1/2	17	5371	7 7/8	1305 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	4446'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4202-4422, .41, 48

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4202-4422	2500 gals 15% NE acid
4202-4422	32,000 gals 20% HCL acid
4202-4422	54,000 gals 40# gel
4202-4422	5000 gals 15% HCL

33. PRODUCTION

DATE FIRST PRODUCTION 10/1/00		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 10/5/00	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD → 70	OIL-BBL. 47	GAS-MCF. 415	WATER-BBL. 671	GAS-OIL RATIO	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE → 70	OIL-BBL. 47	GAS-MCF. 415	WATER - BBL. 38	OIL GRAVITY - API (CORR.)		
34. DISPOSITION OF GAS (Sold, used for fuel, etc.)								

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

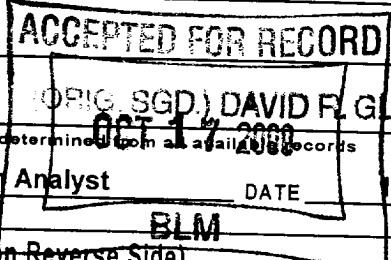
David F. Glass

TITLE

Production Analyst

DATE

10/6/00



*(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	4137	4472		Queen	1761	
				San Andreas	2522	
				Glorietta	4052	

38. GEOLOGIC MARKERS

NOV 19 1954