

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
DATE
other information on reverse side

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

5. LEASE DESIGNATION AND SERIAL NO.
NM-29281

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Schley Federal #14

9. API WELL NO.

30-015-32318 S1

10. FIELD AND POOL, OR WILDCAT

East Empire Yeso

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

Sec. 29, T17S R29E, K

12. COUNTY OR PARISH
Eddy

13. STATE
NM

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 & 2385 FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED
7/14/02

16. DATE T.D. REACHED
7/26/02

17. DATE COMPL. (Ready to prod.)
8/7/02

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)
3617' RKB

19. ELEV. CASING HEAD
3604'

20. TOTAL DEPTH, MD & TVD
4541'

21. PLUG, BACK T.D., MD & TVD
4521'

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)*

4039-4385' Yeso

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 J-55	48	325'	17 1/2	350 sx	None
8 5/8 J-55	24	857'	12 1/4	500 sx	None
5 1/2 J-55	17	4535'	7 7/8	920 sx	None

ACCEPTED FOR RECORD

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4415'	

31. PERFORATION RECORD (Interval, size and number)

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

4039-4385', .40,107

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4039-4385'	2500 gals 15% NEFE
4039-4385'	32000 gals 20% HCL
4039-4385'	54000 gals 40# gel
4039-4385'	5000 gals 15% acid

33. PRODUCTION

DATE FIRST PRODUCTION 8/14/02		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2x2x16' Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/21/02	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 104	GAS-MCF. 145	WATER-BBL. 193	GAS- OIL RATIO 1394
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 104	GAS-MCF. 145	WATER - BBL. 193	OIL GRAVITY - API (CORR.) 38	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

Deviation Survey, Logs

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

9/26/02

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
East Empire Yeso	3994	4385		Yates	804	
				Seven Rivers	1096	
				Queen	1732	
				San Andres	2456	
				Glorietta	3922	

RECEIVED
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Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors
PO Box 1370 Artesia, NM 88211-1370
505/746-6651 746-3518 fax 748-2205

July 30, 2002

Mack Energy Corporation
PO Drawer 960
Artesia, NM 88211-0960

RE: Schley Federal #14
2310' FSL & 2385' FWL
Sec. 29, T17S, R29E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

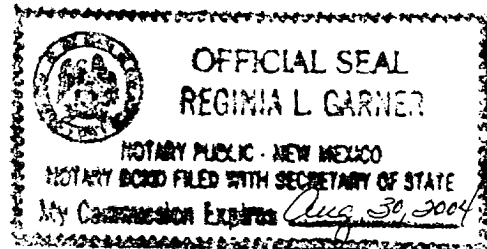
DEPTH	DEVIATION	DEPTH	DEVIATION
327'	1°	2846'	2°
677'	1/2°	3341'	1 3/4°
862'	3/4°	3837'	2°
1423'	1°	4392'	1 3/4°
1916'	2°	4541'	1 1/2°
2387'	2°		

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 30th day of July, 2002.

Notary Public

02-1159

Serving Southeast New Mexico and West Texas Since 1974