

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN D

'CATE'  
See other in-  
struction on  
reverse side)FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

CISF

5. LEASE DESIGNATION AND SERIAL NO.  
**NM-29281**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

**Schley Federal #4**

9. API WELL NO.

**30-015-30451**

10. FIELD AND POOL, OR WILDCAT

**East Empire Yeso**11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA**Sec 29 T17S R29E**12. COUNTY OR  
PARISH**Eddy**

13. STATE

**NM**

1a. TYPE OF WELL:

OIL  
WELL ☒GAS  
WELL ☐DRY ☐

b. TYPE OF COMPLETION:

NEW  
WELL ☒WORK  
OVER ☐DEEPEN ☐PLUG  
BACK ☐DIFF.  
RESV. ☐

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

**2180 FSL 430 FWL**

At top prod. interval reported below

**2180 FSL 430 FWL**

At total depth

**2180 FSL 430 FWL**

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

**3/10/99**

16. DATE T.D. REACHED

**3/21/99**

17. DATE COMPL. (Ready to prod.)

**4/5/99**

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

**3627 RKB**

19. ELEV. CASING HEAD

**3616**

20. TOTAL DEPTH, MD &amp; TVD

**5365**

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

**5190**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)\*

**4711.5-5041 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
<b>13 3/8, K-55</b>	<b>54</b>	<b>319</b>	<b>17 1/2</b>	<b>Class C w/2% CC</b>	<b>None</b>
<b>8 5/8, J-55</b>	<b>24</b>	<b>841</b>	<b>12 1/4</b>	<b>35-65-6 w/6# salt 1/4# CF</b>	<b>None</b>
<b>5 1/2, J-55</b>	<b>17 &amp; 15.5</b>	<b>5205</b>	<b>7 7/8</b>	<b>35/65 Lite 50/50 Poz</b>	<b>None</b>

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<b>2 3/8</b>	<b>5065</b>	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>4711.5-5041</b>	<b>2000 gals 15% NE acid</b>
<b>4711.5-5041</b>	<b>1710sx 16/30 sand 57000 35#gell</b>

**4711.5-5041, 1/2, 36**

33. PRODUCTION

DATE FIRST PRODUCTION 4/9/1999		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 X 11/2 X 16' PAP Travel barrel				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4/28/1999	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 85	GAS-MCF. 225	WATER-BBL. 45	GAS-OIL RATIO 2647
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 85	GAS-MCF. 225	WATER - BBL. 45	OIL GRAVITY - API (CORR.) 38	

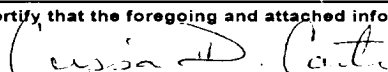
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**Sold**

36. LIST OF ATTACHMENTS

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

**06/18/99**

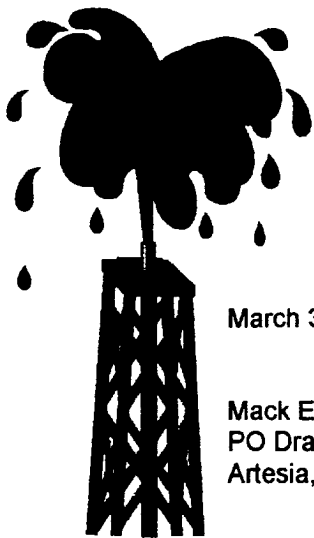
\*(See Instructions and spaces for Additional Data on Reverse Side)

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
East Empire Yeso	4028	4322		Queen	1718	
				San Andres	2445	
				Glorietta	3901	

RECEIVED  
JUN 17 '90

38. GEOLOGIC MARKERS



# Artesia Fishing Tool Co., Inc.

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

March 31, 1999

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

RE: Schley Federal #4  
2180' FSL & 430' FWL  
Sec. 29, T17S, R29E  
Eddy County, New Mexico

Gentlemen:

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

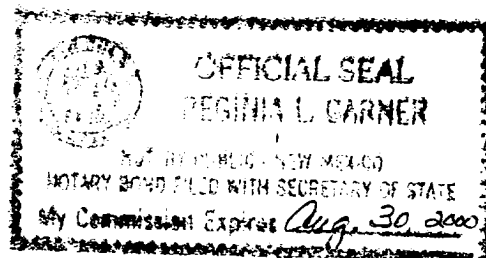
DEPTH	DEVIATION
330'	1/2°
790'	2°
844'	1 3/4°
1116'	2°
1697'	2°
2000'	2°
2295'	2 1/4°
2482'	2°
2950'	2 1/4°
3450'	2 1/4°
3968'	2 1/2°
4454'	2 1/4°
4950'	2 1/4°
5365'	2°

Very truly yours,

Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 31st day of March, 1999.

  
\_\_\_\_\_  
Notary Public

99\_934.DOC

*Serving Southeast New Mexico and West Texas Since 1974*