

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991  
REGISTRATION AND SERIAL NO.  
1301 W. Grand Avenue  
Artesia, NM 88210

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **1525 FNL & 990 FWL**  
At top prod. interval reported below  
At total depth

7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME, WELL NO.  
**Schley Federal #13**

9. API WELL NO.  
**30-015-32244 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, E**

14. PERMIT NO. DATE ISSUED  
12. COUNTY OR PARISH **Eddy** 13. STATE **NM**

15. DATE SPUDDED **5/26/02** 16. DATE T.D. REACHED **6/8/02** 17. DATE COMPL. (Ready to prod.) **6/21/02** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **3622' RKB** 19. ELEV. CASING HEAD **3610'**

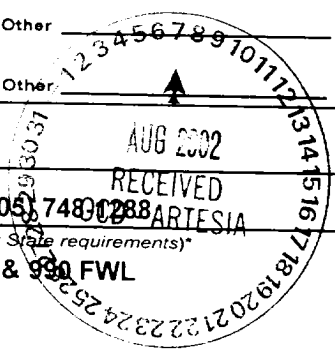
20. TOTAL DEPTH, MD & TVD **4350'** 21. PLUG, BACK T.D., MD & TVD **4331'** 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY **Yes** ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
**3900-4197.5', 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 J-55	48	335'	17 1/2	350 sx	None
8 5/8 K-55	24	863'	12 1/4	500 sx	None
5 1/2 J-55	17	4344'	7 7/8	1060 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	AUG - 5 2002				2 7/8	4223'	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	4223'	

31. PERFORATION RECORD (Interval, size and number)  
**3900-4197.5', .43, 86**  
ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3900-4197.5'	2000 gals 15% NEFE Acid
3900-4197.5'	32000 gals 20% HCL
3900-4197.5'	54000 gals 40# gel
3900-4197.5'	5000 gals 15% acid

33. PRODUCTION

DATE FIRST PRODUCTION **6/25/02** 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	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
7/15/02	24 hours			81	101	150	1247

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
			81	101	150	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 [Signature] TITLE **Production Analyst** DATE **7/30/02**

\*(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.
East Empire Yeso	3856	4188	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	750	
Seven Rivers	1026	
Queen	1630	
San Andres	2322	
Glorietta	3782	

RECEIVED  
 1928 AUG - 1 M. 2: 02  
 THE UNIVERSITY OF TEXAS AT AUSTIN

# L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS  
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370  
(505) 746-4405 746-3518 748-2205

June 12, 2002

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


RE: Schley Federal #13  
1525' FNL & 990' FWL  
Sec. 29, T17S, R29E  
Eddy County, New Mexico

Gentlemen:

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

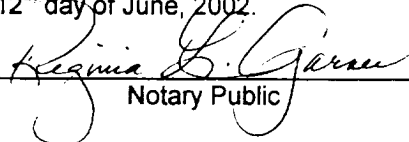
DEPTH	DEVIATION	DEPTH	DEVIATION
340'	3/4°	2089'	2°
542'	1 1/4°	2439'	2 3/4°
664'	1/2°	2577'	2 1/2°
869'	3/4°	2765'	2°
1002'	1 1/4°	3260'	2 1/4°
1200'	3/4°	3750'	2 1/4°
1406'	1°	4200'	2°
1593'	1°	4350'	2°

Very truly yours,

  
Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 12<sup>th</sup> day of June, 2002.

  
Notary Public

