

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

other in-
struction on
reverse side)

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

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 **2310 FNL 1650 FWL**
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

6. FARM OR LEASE NAME, WELL NO.
Sinclair Parke #2

7. API WELL NO.
30-015-30329

8. FIELD AND POOL, OR WILDCAT
Loco Hills Paddock

9. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 22 T17S R30E

10. COUNTY OR PARISH
Eddy

11. STATE
NM

12. DATE SPUDDED
6/25/00

13. DATE T.D. REACHED
7/8/00

14. DATE COMPL. (Ready to prod.)
7/20/00

15. ELEVATIONS (DF, RKB, RT, GR, ETC.)
3666 RKB

16. ELEV. CASING HEAD
3654

17. TOTAL DEPTH, MD & TVD
5181

18. PLUG, BACK T.D., MD & TVD
5129

19. IF MULTIPLE COMPL., HOW MANY*

20. INTERVALS DRILLED BY
Rotary Tools

21. ROTARY TOOLS
Yes

22. CABLE TOOLS

23. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
4548-5048' Paddock

24. WAS DIRECTIONAL SURVEY MADE
Yes

25. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

26. WAS WELL CORED
No

27. 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	296	17 1/2	450 sx	None
8 5/8	24	1078	12 1/4	475 sx	None
5 1/2	17	5142	7 7/8	1005 sx	None

28. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

29. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	5075	

30. PERFORATION RECORD (Interval, size and number)

INTERVAL (MD)	SIZE
4548-5048'	.41, 83

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4548-5048'	2000 gals 15% NEFE acid
4548-5048'	32,000 gals 20% HCL acid
4548-5048'	54,000 gals 40# gel
4548-5048'	5000 gals 15% acid

32. PRODUCTION

DATE FIRST PRODUCTION
7/26/00

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)
2 1/2x2x20' HVR

WELL STATUS (Producing or shut-in)
Producing

DATE OF TEST
8/16/00

HOURS TESTED
24

CHOKE SIZE

PROD'N FOR TEST PERIOD
59

OIL-BBL.
59

GAS-MCF.
93

WATER-BBL.
375

GAS-OIL RATIO
1576

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE
59

OIL-BBL.
59

GAS-MCF.
93

WATER-BBL.
375

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 Curtis D. Carter TITLE Production Analyst DATE 8/17/00

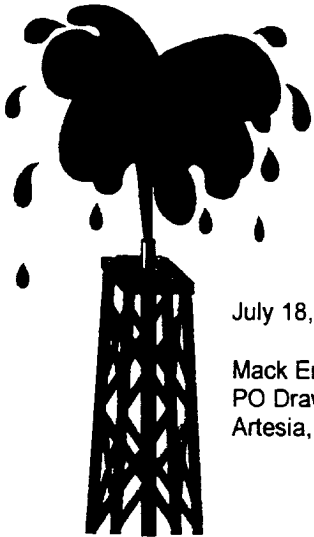
*(See Instructions and spaces for Additional Data on Reverse Side)

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.	GEOLOGIC MARKERS		
				NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
Loco Hills Paddock	4545	5056		Queen	2248	
				San Andreas	3030	
				Glorietta	4420	

38.



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 18, 2000

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

RE: Sinclair Parke Federal #2
2310' FNL & 1650' FWL
Sec. 22, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

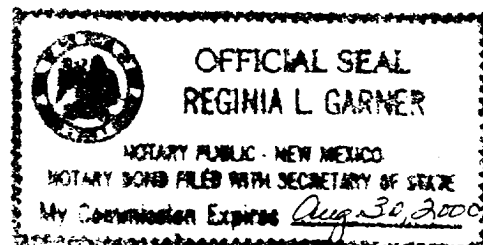
DEPTH	DEVIATION	DEPTH	DEVIATION
237'	1°	2282'	2°
268'	1°	2500'	2 1/4°
471'	1°	2758'	2°
586'	1/2°	2903'	2°
829'	1°	3090'	1 1/2°
1090'	1°	3438'	1 3/4°
1303'	1 1/2°	3925'	1 1/2°
1604'	1 1/2°	4418'	1 1/2°
1914'	2°	4915'	1 3/4°
2109'	2°	5185'	1 3/4°

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 18th day of July, 2000.

Notary Public

00_1009

Serving Southeast New Mexico and West Texas Since 1974