

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
Other instructions on reverse side)

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

015P

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2854

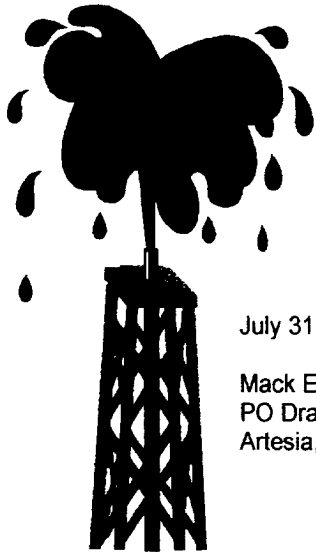
1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-0467930	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. LAND ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mack Energy Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 960, Artesia, NM 88211-0960 (505) 748-1288		8. FARM OR LEASE NAME, WELL NO. Sinclair Parke #3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface At top prod. interval reported below At total depth		9. API WELL NO. 30-015-30330	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDED 7/10/00		16. DATE T.D. REACHED 7/22/00	
17. DATE COMPL. (Ready to prod.) 7/31/00		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3669 RKB	
19. ELEV. CASING HEAD 3657		10. FIELD AND POOL, OR WILDCAT Loco Hills Paddock	
20. TOTAL DEPTH, MD & TVD 5165		21. PLUG, BACK T.D., MD & TVD 5125	
22. IF MULTIPLE COMPL., HOW MANY		23. INTERVALS DRILLED BY ROTARY TOOLS Yes	
24. PRODUCING INTERVAL (S); OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 4540.5-5014.5 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
13 3/8	48	464	17 1/2
8 5/8	24	1302	12 1/4
5 1/2	17	5138	7 7/8
29. LINER RECORD			
SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8	5023		
31. PERFORATION RECORD (Interval, size and number)			
4540.5-5014.5, .41, 106			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4540.5-5014.5		2500 gals 15% NEFE acid	
4540.5-5014.5		32,000 gals 20% HCL acid	
4540.5-5014.5		54,000 gals 40# gel	
4540.5-5014.5		5000 gals 15% acid	
33. PRODUCTION			
DATE FIRST PRODUCTION 8/4/00	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2x2x16' RHBC HVR PAP BNC		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 8/16/00	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 115
GAS-MCF. 181		WATER-BBL. 465	
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 <u>[Signature]</u>		TITLE <u>Production Analyst</u> DATE <u>8/17/00</u>	

*(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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS.DEPH	TOP TRUE VERT.DEPH
Loco Hills Paddock	4524	5017		Queen	2245	
				San Andreas	3014	
				Glorietta	4452	

RECEIVED
JUL 10 1959



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 31, 2000

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

RE: Sinclair Parke Federal #3
1840' FNL & 2210' FWL
Sec. 22, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

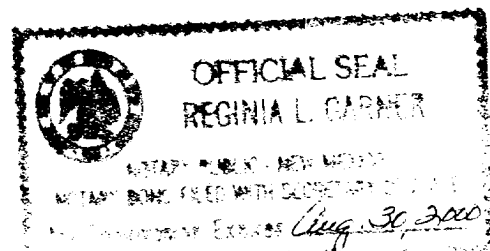
DEPTH	DEVIATION	DEPTH	DEVIATION
236'	1°	2504'	2°
513'	1 3/4°	2721'	2°
760'	1°	2966'	1 3/4°
1037'	1°	3277'	2°
1309'	1 1/4°	3545'	13/4°
1542'	1°	3812'	1 3/4°
1795'	1 3/4°	4404'	1 1/2°
1983'	1 3/4°	4785'	1 1/2°
2256'	1 3/4°	5155'	1 1/2°

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 July, 2000.

Notary Public

00_1010

Serving Southeast New Mexico and West Texas Since 1974