

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other instruction on reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.
LC-054988-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Berry A Federal #11

9. API WELL NO.

30-015-30669

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

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

Sec 21 T17S R30E

12. COUNTY OR
PARISH
Eddy13. STATE
NM

14. PERMIT NO.

DATE ISSUED

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

1700 FNL 2260 FWL

At top prod. interval reported below

1700 FNL 2260 FWL

At total depth

1700 FNL 2260 FWL

15. DATE SPUDDED
10/5/9916. DATE T.D. REACHED
10/16/9917. DATE COMPL. (Ready to prod.)
10/28/9918. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
366419. ELEV. CASING HEAD
365220. TOTAL DEPTH, MD & TVD
492221. PLUG, BACK T.D., MD & TVD
489222. 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)*

4397-4859.5 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	54	485	17 1/2	450 sx	None
8 5/8	24	1120	12 1/4	475 sx	None
5 1/2	17	4907	7 7/8	1125 sx	None

29. LINER RECORD

SIZE	T O P (MD)	B O T T O M (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4368	

31. PERFORATION RECORD (Interval, size and number)

4397-4859.5, 1/2, 116

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4397-4859.5	2500 gals 15% NEFE acid
4397-4859.5	32,000 gals 20% HCL acid
	54,000 gals 40# gel

33.

PRODUCTION

DATE FIRST PRODUCTION
11/2/99PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)
Pumping, SubpumpWELL 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
11/11/99	24	None		179	177	725	988
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
			179	177	725	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

C. D. Cat

TITLE

Production Analyst

DATE

11/12/99

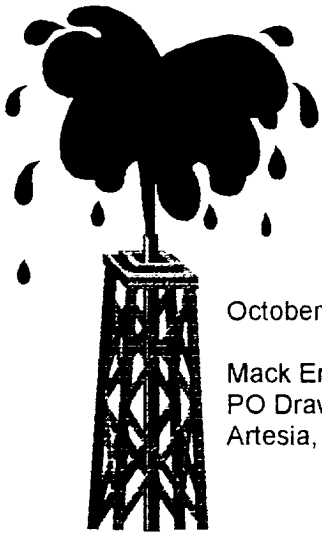
*(See Instructions and spaces for Additional Data on Reverse Side)

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.	NAME	TOP	
					MEAS DEPTH	TRUE VERT DEPTH
Loco Hills Paddock	4397	4812		Queen	2139	
				San Andres	2859	
				Glorietta	4308	

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

October 25, 1999

Mack Energy Corporation

PO Drawer 960

Artesia, NM 88211-0960

RE: Berry Federal #1
1700' FNL & 2260' FEL
Sec. 21, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
490'	3/4°
705'	1 1/2°
885'	1°
1127'	1°
1350'	1/2°
1604	1/4°
1844	1/2°
2130'	1 1/4°
2622'	2°
2860'	1 1/2°
3398'	1 1/2°
3842'	1 3/4°
4472'	1 3/4°
4920'	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 25th day of October, 1999.

Notary Public

Aug 30, 2000