

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1997
5. LEASE DESIGNATION AND SERIAL NO.Other In-
jection on
reverse side)N.M. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

10. LAND ANNUAL STATE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

McIntyre A #15

9. API WELL NO.

30-015-31854 S1

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

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

Sec 20-T17S-R30E

12. COUNTY OR
PARISH
Eddy13. STATE
NM

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

330 FSL 990 FELD

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

8/1/01

16. DATE T.D. REACHED

8/11/01

17. DATE COMPL. (Ready to prod.)

9/13/01

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

3636 RKB

19. ELEV. CASING HEAD

3623

20. TOTAL DEPTH, MD & TVD

5064

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

5022

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)*

4601.5-4718.5' 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 H-40	48	425	17 1/2	450 sx	None
8 5/8 J-55	24	1230	12 1/4	625 sx	None
5 1/2 J-55	17	5033	7 7/8	1050 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4738	

31. PERFORMANCE RECORD (Interval, size and number)

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

4601.5-4718.5', .41, 34

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4601.5-4718.5'	2500 gals 15% NE Acid
4601.5-4718.5'	32000 gals 20% NE Acid
4601.5-4718.5'	54000 gals 40# gel
4601.5-4718.5'	5000 cold 15% HCL Acid

33. PRODUCTION

DATE FIRST PRODUCTION 10/11/01		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 x 20' RHBC HVR PAP BNC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 10/23/01	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 14	GAS-MCF. 25	WATER-BBL. 523	GAS-OIL RATIO 1786
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 14	GAS-MCF. 25	WATER - BBL. 523	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

TITLE

Production Analyst

DATE

11/9/01

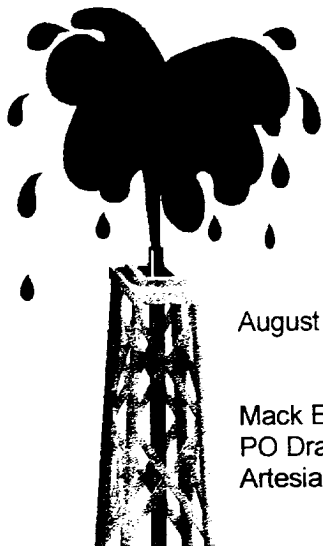
*(See Instructions and spaces for Additional Data on Reverse Side)

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.DEPH	TRUE VERT.DEPH
Loco Hills Paddock	4578	4718		Queen	2242	
				San Andreas	3022	
				Glorietta	4519	

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

August 27, 2001

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

RE: McIntyre A #15
330' FSL & 9900' FEL
Sec. 20, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
425'	3/4°
935'	3/4°
1235'	1 1/2°
1747'	1/2°
2214'	1 1/2°
2648'	1 3/4°
3145'	1 3/4°
3641'	1 1/2°
4136'	1 1/2°
4660'	1 1/2°
5067'	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 27th day of August, 2001.

Notary Public

Aug. 30, 2001