

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*  
(See other in-  
struction on  
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.  
**NMLC-054988A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
**Berry A Federal #15**

9. API WELL NO.

**30-015-33486**

10. FIELD AND POOL, OR WILDCAT

**Grbg Jackson SA/Paddock**

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

**Sec. 21 T17S R30E**

**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 **DHC-3584**

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

**RECEIVED 1700 FNL & 1650 FWL**

At top prod. interval reported below

**JAN 18 2006**

At total depth

**WOB-ARTESIA**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR  
PARISH  
**Eddy**

13. STATE  
**NM**

15. DATE SPUDED  
**10/25/2005**

16. DATE T.D. REACHED  
**11/7/2005**

17. DATE COMPL. (Ready to prod.)  
**12/8/2005**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**3666' RKB**

19. ELEV. CASING HEAD  
**3650'**

20. TOTAL DEPTH, MD & TVD  
**4950**

21. PLUG, BACK T.D., MD & TVD  
**4931**

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)\*

**3492-4157.5', San Andres 4398-4826', Paddock**

26. 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
<b>13 3/8" H-40</b>	<b>48</b>	<b>373</b>	<b>17 1/2</b>	<b>530 sx</b>	<b>None</b>
<b>8 5/8" J-55</b>	<b>32</b>	<b>1077</b>	<b>12 1/4</b>	<b>500 sx</b>	<b>None</b>
<b>5 1/2" J-55</b>	<b>17</b>	<b>4945</b>	<b>7 7/8</b>	<b>1530 sx</b>	<b>None</b>

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<b>2 7/8</b>	<b>4833</b>	

31. PERFORATION RECORD (Interval, size and number)

**3492-4157.5', .45, 147  
4398-4826', .45, 131**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	<b>See 3160-5 for detail</b>

33. PRODUCTION

DATE FIRST PRODUCTION <b>12/13/2005</b>		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>2 1/2 x 2 x 24' pump</b>				WELL STATUS (Producing or shut-in) <b>Producing</b>	
DATE OF TEST <b>12/26/2005</b>	HOURS TESTED <b>24 hours</b>	CHOKE SIZE	PROD'N FOR TEST PERIOD <b>→</b>	OIL-BBL. <b>72</b>	GAS-MCF. <b>99</b>	WATER-BBL. <b>410</b>	GAS-OIL RATIO <b>1375</b>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE <b>→</b>	OIL-BBL. <b>72</b>	GAS-MCF. <b>99</b>	WATER - BBL. <b>410</b>	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**Sold**

35. LIST OF ATTACHMENTS

**Deviation Survey and Logs**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Jerry W. Shenell* TITLE Production Clerk DATE 1/10/06

\*(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.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Paddock  San Andres	4398	4826		Yates	1204	
	3492	4157		Seven Rivers	1510	
				Queen	2132	
				San Andres	2850	
				Glorietta	4308	

# L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

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

November 14, 2005

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

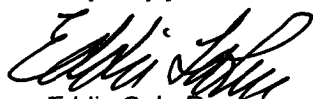
RE: Berry A Federal #15  
1700' FNL & 1650' FWL  
Sec. 21, T17S, R30E  
Eddy County, New Mexico

Gentlemen:

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

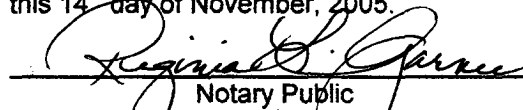
DEPTH	DEVIATION	DEPTH	DEVIATION
241'	3/4°	2349'	1 1/2°
325'	1 3/4°	2755'	1°
604'	3/4°	3312'	1 1/2°
910'	1/2°	3749'	1 3/4°
1067'	1°	4220'	1 3/4°
1447'	1°	4657'	1 3/4°
1851'	1 1/4°	4950'	1 3/4°

Very truly yours,

  
Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

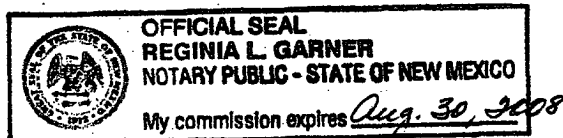
The foregoing was acknowledged before me  
this 14<sup>th</sup> day of November, 2005.

  
Notary Public

RECEIVED

JAN 18 2006

ODD-ARTESIA



**SERVING SOUTHEAST NEW MEXICO AND WEST TEXAS SINCE 1978**