

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED  
Budget Bureau No 1004-0135  
Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5 Lease Designation and Serial No NM-97887
2 Name of Operator Mack Energy Corporation	6 If Indian, Allottee or Tribe Name
3 Address and Telephone No P.O. Box 960, Artesia, NM 88211-0960 (505)748-1288	7 If Unit or CA, Agreement Designation
4 Location of Well (Footage, Sec, T R, M or Survey Description) 840 FSL & 2310 FWL, Sec. 5 T17S R32E	8 Well Name and No Duck Federal #1
	9 API Well No 30-025-38172
	10 Field and Pool, or Exploratory Area Wildcat Paddock
	11 County or Parish, State Lea, NM

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Recompletion</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note Report results of multiple completion on Well Completion or Recompletion Report and Log form)

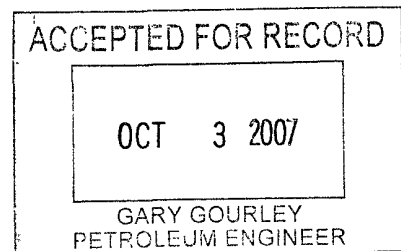
13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)\*

6/14/2007 Set CIBP @ 5860'. Perforated from 5484.5'-5670' 52 holes.

6/15/2007 Acidized w/2500 gals 15% HCL.

6/16/2007 Frac w/9,726# LiteProp 125 14/30, 72,692# 16/30 white sand, 16,132# SiberProp 16/30 using 85,500 gals 30#&40# Linear gel.

6/18/2007 RIH w/181 joints J-55 tubing SN @ 5676'. RIH w/2 1/2"x2"x24' pump.



14 I hereby certify that the foregoing is true and correct

Signed Gary W. Sherrill

Title Production Clerk

Date 9/27/07

(This space for Federal or State office use)

Approved by Chris Williams

Title OC DISTRICT SUPERVISOR/GENERAL MANAGER

Date OCT 1 2 2007

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

•See Instruction on Reverse Side

2A Maljamar Blinbry

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.  
**NM-97887**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

**Duck Federal #1**

9. API WELL NO.

**30-025-38172**

10. FIELD AND POOL, OR WILDCAT

**Wildcat Paddock** (97647)

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

**Sec. 5 T17S R32E**

12. COUNTY OR  
PARISH  
**Lea**

13. 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

**840 FSL & 2310 FWL**

At top prod. interval reported below

At total depth

15. DATE SPUNDED  
**11/27/06**

16. DATE T.D. REACHED  
**12/13/06**

17. DATE COMPL. (Ready to prod.)  
**6/18/07**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**4086' RKB**

19. ELEV. CASING HEAD  
**4072' GR**

20. TOTAL DEPTH, MD & TVD  
**7720**

21. PLUG, BACK T.D., MD & TVD  
**5860**

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)\*

**5484.5-5670', 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
<b>13 3/8, H-40</b>	<b>48</b>	<b>886</b>	<b>17 1/2</b>	<b>Surface, 600sx</b>	<b>None</b>
<b>8 5/8, J-55</b>	<b>24</b>	<b>2261</b>	<b>12 1/4</b>	<b>Surface, 800sx</b>	<b>None</b>
<b>5 1/2, L-80</b>	<b>17</b>	<b>7705</b>	<b>7 7/8</b>	<b>Surface, 2070sx</b>	<b>None</b>

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<b>2 7/8</b>	<b>5676</b>	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>5484.5-5670'</b>	<b>2500 gals 15% HCL</b>
<b>5484.5-5670'</b>	<b>98,550# 14/30 &amp; 16/30 sand</b>
<b>5484.5-5670'</b>	<b>85,500 gals 30# &amp; 40# gel</b>

**5484.5-5670', .41, 52**

33. PRODUCTION

DATE FIRST PRODUCTION <b>6/19/07</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>8/8/07</b>	HOURS TESTED <b>24 hours</b>	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. <b>14</b>	GAS-MCF. <b>72</b>	WATER-BBL. <b>220</b>	GAS-OIL RATIO <b>5143</b>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. <b>14</b>	GAS-MCF. <b>72</b>	WATER - BBL. <b>220</b>	OIL GRAVITY - API (CORR.)	

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

**Sold**

35. LIST OF ATTACHMENTS

**N/A**

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

SIGNED

*Paul W. Shenell*

TITLE

**Production Clerk**

DATE

**9/27/07**

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

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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	TOP	
					MEAS DEPTH	TRUE VERT DEPTH
Wildcat Paddock	5484.5	5670'		Yates	2208	
				Seven Rivers	2544	
				Queen	3160	
				Grayburg	3612	
				San Andres	3896	
				Glorietta	5374	
				Tubb	6768	
				Abo	7492	