

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

☒ Oil Well ☐ Gas Well ☐ 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 (Footage, Sec, T, R, M or Survey Description)

840 FSL & 2310 FWL, Sec. 5 T17S R32E

5 Lease Designation and Serial No

NM-97887

6 If Indian, Allottee or Tribe Name

7 If Unit or CA, Agreement Designation

8 Well Name and No

Duck Federal #1

9 API Well No

30-025-38172

10 Field and Pool, or Exploratory Area

Wildcat Paddock/Maljamar GB-SA

11 County or Parish, State

Lea, NM

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other DHC-3920

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Disposal

(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)*

8/14/2007 Perforated from 4725.5'-4784.5' 36 holes.
8/15/2007 Acidize w/2000 gals 15% NEFE.
8/16/2007 Set CIBP @ 4850' and set SV @ 4665'. Squeeze w/100 sx Class C.
8/17/2007 Perforated from 4198.5'-4542' 68 holes. Acidized w/2500 gals 15%.
8/18/2007 Frac w/6000 gals 40# gel, 8000# lite prop 14/30 sand, 30,000 gals 30# gel, 74,660# 16/30 sand, 40,000 gals 40# gel, 15,200# Siber prop 16/30, 5000 gals 40# gel.
8/20/2007 Perforated from 4030'-4046' 33 holes. Acidize w/2500 15%.
8/21/2007 Frac w/54,864 gals 40# gel, 21,320# 16/30 sand, 12,320# SiberProp 16/30.
8/23/2007 Drill out retainer and cement. Drill out CIBP to 5828'. RIH w/177 joint 2 7/8 J-55 tubing SN @ 5674'.
8/24/2007 RIH w/2 1/2"x2"x24' pump.

Mack Energy will use allocation percentages as follows: Total test O/G/W, 75/24/346

DHC-3920
GB/San Andres test Oil-81%, Gas-81%
Maljamar;Grayburg-San Andres 61-Oil, 19-Gas

Paddock test Oil-19%, Gas-19%
~~Loce Hills~~ Paddock 14-Oil, 5-Gas
Wildcat

ACCEPTED FOR RECORD

OCT 3 2007

GARY GOURLEY
PETROLEUM ENGINEER

14 I hereby certify that the foregoing is true and correct

Signed

James W. Sherrill

Title

Production Clerk

Date

9/27/07

(This space for Federal or State office use)

Approved by

Chris Williams

OCD DISTRICT SUPERVISOR/GENERAL MANAGER

Title

Date

OCT 12 2007

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

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-3920**

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

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/Maljamar GB-SA

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

Sec. 5 T17S R32E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Lea

13 STATE
NM

15. DATE SPUDDED **11/27/06** 16. DATE T.D. REACHED **12/13/06** 17. DATE COMPL. (Ready to prod.) **8/24/07** 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 **Yes** ROTARY TOOLS **Yes** CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

5484.5-5670'-Paddock, 4030-4542'-San Andres

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	886	17 1/2	Surface, 600sx	None
8 5/8, J-55	24	2261	12 1/4	Surface, 800sx	None
5 1/2, L-80	17	7705	7 7/8	Surface, 2070sx	None

29. LINER RECORD

30. TUBING RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5674'	

31. PERFORATION RECORD (Interval, size and number)

**5484.5-5670', .41, 52
4198.5-4542', .41, 68
4030-4046', .41, 33**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4198.5-4542'	See 3160-5 for detail
4030-4046'	See 3160-5 for detail

33. PRODUCTION

DATE FIRST PRODUCTION **8/25/07** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **2 1/2 x 2 x 24' pump** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST **9/2/07** HOURS TESTED **24 hours** CHOKE SIZE PROD'N FOR TEST PERIOD **75** OIL-BBL. **75** GAS-MCF. **24** WATER-BBL. **346** GAS-OIL RATIO **320**
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE **75** OIL-BBL. **75** GAS-MCF. **24** WATER-BBL. **346** 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

Gary W. Sheard

TITLE

Production Clerk

DATE

9/28/07

*(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	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	

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