

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD Artesia

FORM APPROVED
OMB No 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM-89882

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Mack Energy Corporation

3a. Address

P.O. Box 960 Artesia, NM 88210-0960

3b. Phone No. (include area code)

(575) 748-1288

7. If Unit of CA/Agreement, Name and/or No

8. Well Name and No
Razorback Federal #2

9. API Well No

30-015-40639

10. Field and Pool or Exploratory Area

Tamano; San Andres

4. Location of Well (Footage, Sec., T,R,M, or Survey Description)

330 FNL & 330 FWL Sec. 3 T18S R31E

11. Country or Parish, State

Eddy, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> After Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Proposed change to casing, cement program.

Proposed Casing

Hole	Depth	Casing	WT	Collar	Grade	Collapse	Burst	Tension
17 1/2	0-800'	13 3/8	48#	ST&C	H-40	1.852	3.348	3.46
12 1/4	0-2050'	8 5/8	32#	ST&C	J-55	2.326	8.210	7.86
7 7/8	0-5500'	5 1/2	17#	LT&C	L-80	2.339	2.440	2.489

Proposed Cement

13 3/8-100% excess Lead 500sx Class C, 4%PF20, 2%PF1, .25#/sxPF29(13.5 wt, 1.75 yld). Tail 200sx Class C, 1%PF1(14.8 wt, 1.34 yld).
8 5/8-100% excess Lead 707sx Class C, 4%PF20, 2%PF1, .25#/sxPF29(13.5 wt, 1.75 yld). Tail 350sx Class C, 1%PF1(14.8 wt, 1.34 yld).
5 1/2-35% excess Lead 385sx POZ/C + 5%PF44 + 6%PF20 + 1.5% PF112 + .125/sk PF132 + .2# sk PF42 + .2%PF46 + .2%PF13(12.8 wt, 1.95 yld). Tail 625sx PVL + .2% PF167 + .2% PF65 + .2% PF 46 + .2% PF13(13.0 wt, 1.47 yld).

No change to mud program

RECEIVED

SEP 14 2012

NMOCD ARTESIA

Accepted for record

NMOCD 9/14/2012

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)

Jerry W. Sherrell

Title Production Clerk

Signature

Jerry W. Sherrell

Date 9/5/12

APPROVED

SEP 12 2012

Approved by

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

WESLEY INGRAM
Date
PETROLEUM ENGINEER

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for my 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.

(Instructions on page 2)