

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM33277
2. Name of Operator MACK ENERGY CORPORATION Contact: JERRY SHERRELL E-Mail: jerrys@mec.com		6. If Indian, Allottee or Tribe Name
3a. Address P O BOX 960 ARTESIA, NM 88211-0960	3b. Phone No. (include area code) Ph: 575-748-1288	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T16S R28E SESW 1310FSL 1980FWL		8. Well Name and No. DERRICK FEDERAL COM 4
		9. API Well No. 30-015-31731-00-S1
		10. Field and Pool or Exploratory Area DIAMOND MOUND
		11. County or Parish, State EDDY COUNTY, 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 type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 checked="" 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.

1. Set CIBP @ 9006' w/35' cement cap.
2. Set 50sx cement plug from 8070-8880'.
3. Set 55sx cement plug from 6460-7383'.
4. Free point 5 1/2" casing @ 6100' and pull.
5. Set 50sx cement plug from 6050-6150'.
6. Set 40sx cement plug from 5483-5283'.
7. Set 40sx cement plug from 3632-3432'.
8. Set 40sx cement plug from 4955-2055'.
9. Set 30sx cement plug from 480-580'.
10. Set 30sx cement plug from 0-60'.
11. Cut wellhead off and install dry hole marker.

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EMNRD-OCD ARTESIA
SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Accepted for record 2/21/20 NMOC

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #502312 verified by the BLM Well Information System For MACK ENERGY CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 02/07/2020 (20PP1147SE)	
Name (Printed/Typed) JERRY SHERRELL	Title PRODUCTION CLERK
Signature (Electronic Submission)	Date 02/06/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>James R. Ames</i>	Title <i>SLET</i>	Date <i>2-11-20</i>
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.		Office <i>CFO</i>

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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MAILROOM

devon		BLM		DERRICK FED COM 4		DELAWARE BASIN UNRESTRICTED							
Production				PROPOSED									
Sub-Division	County	Field Name	Region	State/Province									
DELAWARE BASIN	EDDY	PARKWAY NORTH - DM	NORTHWEST CORE	NM									
Surface Legal Location	APR/UM	Latitude (°)	Longitude (°)	Ground Elev M	Orig KB Elev (ft)	Tubing Head Elevation (ft)							
K-5-16S-28E-1	3001531731	32° 56' 55.302" N	104° 11' 59.161" W	3,650.00	3,667.00								
Total Depth (ftKB)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Drig Spud Date										
9,300.0		OH - 11,790.0	5/21/2001 17:30										
Cut @ 2900'													
VERTICAL - OH, 12/19/2018 3:14:17 PM													
MD (ftKB)	TV D (ftKB)	Inc I (°)	DL S	Vertical schematic (actual)	Cement Squeezes	Bottom Hole Core	DST	Lessons	Problems	Perf	Stims	Zones	
16.1				<p>1; SURFACE 1; 13 3/8; 12,715; 17,0: 513.00</p> <p>2; TUBING - PRODUCTI ON; 2 3/8; 16.0 Perf; 9,056.0- 9,156.0; 6/18/2001</p> <p>3; PRODUCTI ON; 5 1/2; 4,892; 17.0; 9,283.00</p>	2,17.0; 2,005.0ftKB								
17.1													
430.6													
430.1													
520.5													
520.6													
1,801.6													
1,903.8													
2,003.6													
2,004.9													
6,100.0													
8,835.0													
8,830.6													
8,034.1													
9,031.1													
9,056.1													
9,155.9													
9,214.6													
9,256.9													
9,256.0													
9,256.6													
9,202.9													
11,790.0													

① CIBP @ 9000' - 8800'

② 6550' - 6140'

* ③ 5330' - 5230'

* ④ 2900' - 2800'

* ⑤ 2054' - 1954'

* ⑥ 579' - 479'

⑦ 100' - 3'

25H TAB

41c TAB

27c TAB

27c TAB

66c TAB

66c TAB

27c