

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

Hobbs

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM118119
2. Name of Operator ARMSTRONG ENERGY CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: KYLE ALPERS Email: kalpers@aecnm.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 500 N. MAIN ST., SUITE 200 ROSWELL, NM 88201	3b. Phone No. (include area code) Ph: 575-625-2222 Fx: 575-622-2512	8. Well Name and No. LIZA JANE FEDERAL 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T5S R34E NESE 1630FSL 1220FEL 33.855667 N Lat, 103.409168 W Lon		9. API Well No. 30-041-20972-00-X1
		10. Field and Pool or Exploratory Area WC041G05S053419N-FUSSELMAN
		11. County or Parish, State ROOSEVELT COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 checked="" type="checkbox"/> Other Drilling Operations
	<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.

7/7/17 TD intermediate hole. Intermediate 8 5/8? casing detail:

1-Notch Collar 8-5/8? J-55 0.75?
1-SJ 8-5/8? 32# J-55 STC 42.09?
1-Float Collar 8-5/8? 1.35?
3-Jts 8-5/8? 32# J-55 STC 125.50?
53-Jts 8-5/8? 24# J-55 STC 2228.21?
2-Jts 8-5/8? 32# J-55 STC + 85.36?
Total length 2483.26'
+ KB 19.00?

14. I hereby certify that the foregoing is true and correct. Electronic Submission #380907 verified by the BLM Well Information System For ARMSTRONG ENERGY CORPORATION, sent to the Roswell Committed to AFMSS for processing by DAVID GLASS on 07/10/2017 (17DRG0234SE)	
Name (Printed/Typed) IRMA CUNNINGHAM	Title GEO TECH
Signature (Electronic Submission)	Date 07/10/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD (ORIG. SGD) DAVID E. GLASS JUL 10 2017	
Approved By	Title
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.	Date
DAVID E. GLASS PETROLEUM ENGINEER	Office

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 **

Additional data for EC transaction #380907 that would not fit on the form

32. Additional remarks, continued

-cut off 20.90?
Total Depth 2481.36?

Centralizers:

Middle of 1st jt 2460?, 2nd jt at 2397?, 3rd jt at 2355?, 6th jt at 2229?, 10th jt at 2060?, 14th
jt at 1891?, 18th jt at 1723?, 27th jt at 1351?, 38th jt at 886?, 51st jt at 380?.