

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Armstrong Energy Corporation P.O. Box 1973, Roswell, NM 88202		² OGRID Number 1092
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 041-20972	⁵ Pool Name WC-041 G-05 S053419N; Fusselman	⁶ Pool Code 97868
⁷ Property Code 317732	⁸ Property Name Liza Jane Federal	⁹ Well Number 1

II. ¹⁰ Surface Location

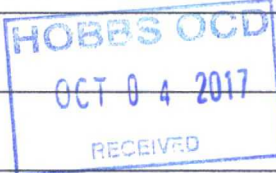
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	19	5S	34E		1630	South	1220	East	Roosevelt

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
035246	Shell Trading (US) Company P.O. Box 4604, Houston, TX 77210-4604	O
024650	Versado Gas Processors LLC 1000 Louisiana St., Suite 4300, Houston, TX 77002	G



IV. Well Completion Data

²¹ Spud Date 06/28/17	²² Ready Date 8/18/17	²³ TD 8056'	²⁴ PBTB 7994'	²⁵ Perforations 7872'-7879'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	416'	400		
12.25	8.625	2481'	1430		
7.875	5.5	8048'	1240		

V. Well Test Data

³¹ Date New Oil 09/28/17	³² Gas Delivery Date 9/26/17	³³ Test Date 9/25/17	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 14	³⁹ Water 0	⁴⁰ Gas 1039		⁴¹ Test Method Flowing
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature:			OIL CONSERVATION DIVISION		
Printed name: Kyle Alpers			Approved by:		
Title: Operations Manager			Approval Date: 10/5/17		
E-mail Address: kalpers@aecnm.com			Petroleum Engineer		
Date: 10/03/2017		Phone: 575-625-2222			

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM118119

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator ARMSTRONG ENERGY CORPORATION Contact: IRMA CUNNINGHAM Email: icunningham@aecn.com			8. Lease Name and Well No. LIZA JANE FEDERAL 1		
3. Address 500 N. MAIN ST., SUITE 20 ROSWELL, NM 88201			9. API Well No. 30-041-20972		
3a. Phone No. (include area code) Ph: 575-625-2222			10. Field and Pool, or Exploratory WC041G05S053419NFUSSELMAN		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 1630FSL 1220FEL 33.855667 N Lat, 103.409168 W Lon At top prod interval reported below NESE 1630FSL 1220FEL 33.855667 N Lat, 103.409168 W Lon At total depth NESE 1630FSL 1220FEL 33.855667 N Lat, 103.409168 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 19 T5S R34E Mer NMP		
14. Date Spudded 06/28/2017			15. Date T.D. Reached 07/18/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 08/18/2017			17. Elevations (DF, KB, RT, GL)* 4331 GL		
18. Total Depth: MD TVD 8056		19. Plug Back T.D.: MD TVD 7994		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL-MG, DSN-SD			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	416		400	110	0	0
12.250	8.625 J-55	24.0	0	2481		1430	454	0	0
7.875	5.500 J-55	17.0	0	8048		1240	471	0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7783	7783						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FUSSELMAN	7870	7950	7872 TO 7879	0.400	24	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7872 TO 7879	7.5 BBL 15% HCL

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

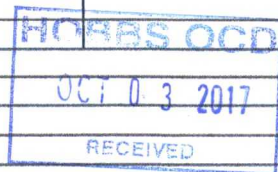
28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #388570 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **



28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
UNKNOWN

30. Summary of Porous Zones (Include Aquifers): 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.					31. Formation (Log) Markers	
Formation	Top	Bottom	Descriptions, Contents, etc.		Name	Top Meas. Depth
FUSSELMAN	7872	7879			QUEEN SAN ANDRES GLORIETA TUBB ABO WOLFCAMP PENN SILURIAN	2657 3227 4555 5855 6620 7351 7696 7858

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #388570 Verified by the BLM Well Information System.
For ARMSTRONG ENERGY CORPORATION, sent to the Roswell**

Name (please print) IRMA CUNNINGHAM Title GEO TECH

Signature _____ (Electronic Submission) Date 09/14/2017

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.

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