

RECEIVED

MAY 30 2017

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office
Bureau of Land Management

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.

5. Lease Serial No.
NMNM 6682

6. If Indian, Allottee or Tribe Name
N/A

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
Encana Oil & Gas (USA) Inc.

3a. Address
370 17th Street, Suite 1700
Denver, CO 80202

3b. Phone No. (include area code)
(720) 876-3533

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

SHL: 1463' FSL and 774' FWL Section 34, T23N, R7W
BHL: 1825' FSL and 1716' FWL Section 28, T23N, R7W

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

NMNM 135229X

8. Well Name and No.
North Alamito Unit 308H

9. API Well No.
30-043-21296

10. Field and Pool or Exploratory Area
Alamito Mancos N (OIL)

11. Country or Parish, State
Sandoval County, NM

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

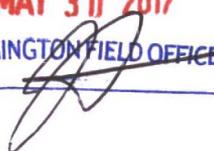
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 <u>Amended</u> Completions Information
	<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 recomplete 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 recompletion 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.)

Encana Oil & Gas (USA) Inc. wishes to amend the completions information for operations performed from 04/15/17 to 05/08/17; which are detailed on the enclosed attachment and now includes sliding sleeve depths.

ACCEPTED FOR RECORD

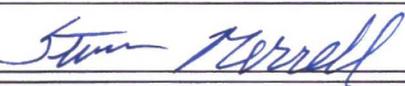
MAY 30 2017

FARMINGTON FIELD OFFICE
BY: 

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

Steven Merrell

Title Field Operations Specialist

Signature 

Date

05/26/2017

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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)

OIL CONS. DIV DIST. 3

NMOCDAY

MAY 30 2017

10

North Alamito Unit 308H API No. 30-043-21296 Completions Information dated 05/11/17:

04/15/2017:

- Hook pump up on annuals of 4 1/2" liner, press up to 1,500 psi, held for 30 min, good test, ND BOP, install night cap, secure well, RD Aztec Rig # 395, stack rig on location

04/26/2017:

- Set sliding sleeve from 12,413' to 12,416' TMD
- Stage #1 Frac Summary Avg BH Rate-43.5 Bpm/Avg Slurry Rate-23 Bpm/Avg N2 Quality 69%/ Total N2-1,523,337 scf/Avg N2 Rate- 29,349 scfm/ Total 20/40 148,480 lbs/ Total 20# Water Frac 748 bbls/15% HCL-24 bbls

04/27/2017:

- Ran in hole with WL assembly for stage #2. Set plug @ 12,315'. Shot perforations from 12,089-12299'. 24 shots fired.
- Stage #2 Avg BH Rate-59.3 Bpm/Avg Slurry Rate-25 Bpm/Avg N2 Quality 69%/ Total N2-2,083,420 scf/Avg N2 Rate- 36,981 scfm/ Total 20/40 300,600 lbs/ Total 20# Water Frac 10,159 bbls
- Ran in hole with WL assembly for stage #3. Set plug @ 12,075'. Shot perforations from 11,849-12,059'. 24 shots fired.
- Stage #3 Avg BH Rate-62 Bpm/Avg Slurry Rate-24 Bpm/Avg N2 Quality 70%/ Total N2-2,254,244 scf/Avg N2 Rate- 37,539 scfm/ Total 20/40 299,400 lbs/ Total 20# Water Frac 1,125 bbls
- Ran in hole with WL assembly for stage #4. Set plug @ 11,835'. Shot perforations from 11,609-11,819'. 24 shots fired.
- Stage #4 Avg BH Rate-58 Bpm/Avg Slurry Rate-23 Bpm/ Avg Pressure-6,998 psi/Avg N2 Quality 70%/ Total N2-2,634,046 scf/Avg N2 Rate- 29,237 scfm/ Total 20/40 299,949 lbs/ Total 20# Water Frac 1,800 bbls
- Ran in hole with WL assembly for stage #5. Set plug @ 11,595'. Shot perforations from 11,369-11,579'. 24 shots fired.

04/28/2017:

- Stage #5 Avg BH Rate-61 Bpm/Avg Slurry Rate-23 Bpm/ Avg Pressure-6823 psi/Avg N2 Quality 70%/ Total N2-2,322,932 scf/Avg N2 Rate- 36,946 scfm/ Total 20/40 299,800 lbs/ Total 20# Water Frac 1653 bbls
- Ran in hole with WL assembly for stage #6. Set plug @ 11,355'. Shot perforations from 11,129-11,339'. 24 shots fired.
- Stage #6 Avg BH Rate-58 Bpm/Avg Slurry Rate-22 Bpm/ Avg Pressure-6563 psi/Avg N2 Quality 70%/ Total N2-2,986,047 scf/Avg N2 Rate- 37,127 scfm/ Total 20/40 300,244 lbs/ Total 18# Water Frac 1742 bbls
- Ran in hole with WL assembly for stage #7. Set plug @ 11,115'. Shot perforations from 10,889-11,094'. 24 shots fired.

04/29/2017:

- Stage #7 Avg BH Rate-58 Bpm/Avg Slurry Rate-23 Bpm/ Avg Pressure-6588 psi/Avg N2 Quality 70%/ Total N2-2,757,673 scf/Avg N2 Rate- 36,734 scfm/ Total 20/40 300,168 lbs/ Total 15# Water Frac 1643 bbls
- Ran in hole with WL assembly for stage #8. Set plug @ 10,875'. Shot perforations from 10,649'-10,859'. 24 shots fired.

04/30/2017:

- Stage #8 Avg BH Rate-59 Bpm/Avg Slurry Rate-24 Bpm/ Avg Pressure-6647 psi/Avg N2 Quality 70%/ Total N2-2,840,226 scf/Avg N2 Rate- 37,813 scfm/ Total 20/40 299,958 lbs/ Total 16# Water Frac 1639 bbls
- Ran in hole with WL assembly for stage #9. Set plug @ 10,635'. Shot perforations from 10,409'-10,613'. 24 shots fired.
- Stage #9 Avg BH Rate-60 Bpm/Avg Slurry Rate-24 Bpm/ Avg Pressure-6615 psi/Avg N2 Quality 70%/ Total N2-2,753,355 scf/Avg N2 Rate- 38,439 scfm/ Total 20/40 299,519 lbs/ Total 16# Water Frac 1751 bbls

05/01/2017:

- Perf stage #10. Set plug @ 10,395'. Shot perforations from 10,169'-10,379'. 24 shots fired.
- Frac Stage #10 Avg BH Rate 58.5 Bpm/Avg Slurry Rate 24 Bpm/Avg N2 Quality 71%/ Total N2- 2,273,896 scf/Avg N2 Rate- 37,513 scfm/ Total 20/40 283,600 lbs/ Total 16# Water Frac 1,423 bbls.
- Perf stage #11. Set plug @ 10,161'. Shot perforations from 9,929'-10,139'. 24 shots fired.
- Frac Stage #11 Avg BH Rate 59 Bpm/Avg Slurry Rate 24 Bpm/Avg Pressure-6457 psi/Avg N2 Quality 71%/ Total N2- 2,897,632 scf/Avg N2 Rate- 38,797 scfm/ Total 20/40 300,434 lbs/ Total 16# Water Frac 1,616 bbls.
- Perf stage #12. Set plug @ 9,915'. Shot perforations from 9,689'-9,899'. 24 shots fired.
- Frac Stage #12 Avg BH Rate 60 Bpm/Avg Slurry Rate 24 Bpm/Avg Pressure-6665 psi/Avg N2 Quality 71%/ Total N2- 2,714,122 scf/Avg N2 Rate- 38,421 scfm/ Total 20/40 300,272 lbs/ Total 16# Water Frac 1,546 bbls.
- Perf stage #13. Set plug @ 9,678'. Shot perforations from 9,454'-9,659'. 24 shots fired.

05/02/2017:

- Frac Stage #13 Avg BH Rate-59 Bpm/Avg Slurry Rate-24 Bpm/Avg Pressure-6,201 psi/Avg N2 Quality 70%/ Total N2- 2,307,219 scf/Avg N2 Rate- 38,049 scfm/ Total 20/40 290,000 lbs/ Total 16# Water Frac 1,493 bbls.
- Perf stage #14. Set plug @ 9,435'. Shot perforations from 9,209'-9,419'. 24 shots fired.
- Frac Stage #14 Avg BH Rate-57 Bpm/Avg Slurry Rate-24 Bpm/Avg Pressure-5,790 psi/Avg N2 Quality 70%/ Total N2- 2,345,578 scf/Avg N2 Rate- 38,000 scfm/ Total 20/40 306,364 lbs/ Total 16# Water Frac 1,540 bbls.
- Perf stage #15. Set plug @ 9,195'. Shot perforations from 8,969'-9,179'. 24 shots fired.

05/03/2017:

- Frac Stage #15 Avg BH Rate-59.7 Bpm/Avg Slurry Rate-24 Bpm/Avg Pressure-6,569 psi/Avg N2 Quality 69%/ Total N2- 2,2283,690 scf/Avg N2 Rate- 38,086 scfm/ Total 20/40 296,400 lbs/ Total 16# Water Frac 1,549 bbls.
- Perf stage #16. Set plug @ 8,955'. Shot perforations from 8,729'-8,939'. 24 shots fired.
- Frac Stage #16 of 29 Avg BH Rate-59.7 Bpm/Avg Slurry Rate-24 Bpm/Avg Pressure-5,777 psi/Avg N2 Quality 70%/ Total N2- 2,324,837 scf/Avg N2 Rate- 38,393 scfm/ Total 20/40 298,780 lbs/ Total 15# Water Frac 1,570 bbls.
- Perf stage #17 of 29 Set plug @ 8,715'. Shot perforations from 8492,'-8,699'. 24 shots fired.

05/04/2017:

- Frac Stage #17 of 29 Avg BH Rate-59.9 Bpm/Avg Slurry Rate - 24 Bpm/Avg Pressure- 6,073 psi/Avg N2 Quality 71%/ Total N2- 2,333,189 scf/Avg N2 Rate- 38,328 scfm/ Total 20/40 299,800 lbs/ Total 14# Water Frac 1,500 bbls.
- Perf stage #18 of 29 Set plug @ 8,475'. Shot perforations from 8,249'-8,459'. 24 shots fired.
- Frac Stage #18 of 29 Avg BH Rate- 60.3 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,952 psi/Avg N2 Quality 70%/ Total N2- 2,298,787 scf/Avg N2 Rate- 38,270 scfm/ Total 20/40 297,800 lbs/ Total 14# Water Frac 1,507 bbls.
- Perf stage #19 of 29 Set plug @ 8,235'. Shot perforations from 8,009'-8,219'. 24 shots fired.
- Frac Stage #19 of 29 Avg BH Rate- 60.9 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,785psi/Avg N2 Quality 70%/ Total N2- 2,313,654 scf/Avg N2 Rate- 38,604 scfm/ Total 20/40 300,600 lbs/ Total 12# Water Frac 1,456 bbls.
- Perf stage #20 of 29 Set plug @ 7,995'. Shot perforations from 7,769'-7,979'. 24 shots fired.

05/05/2017:

- Frac Stage #20 of 29 Avg BH Rate- 62 Bpm/Avg Slurry Rate- 25 Bpm/Avg Pressure- 5,692 psi/Avg N2 Quality 70%/ Total N2- 2,294,892 scf/Avg N2 Rate- 37,925 scfm/ Total 20/40 300,100 lbs/ Total 12# Water Frac 1,454 bbls.
- Perf stage #21 of 29 Set plug @ 7,755'. Shot perforations from 7,529'-7,739'. 24 shots fired.
- Frac Stage #21 of 29 Avg BH Rate- 61 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,421 psi/Avg N2 Quality 70%/ Total N2- 2,305,567 scf/Avg N2 Rate- 38,465 scfm/ Total 20/40 300,200 lbs/ Total 11# Water Frac 1,444 bbls.
- Perf stage #22 of 29 Set plug @ 7,515'. Shot perforations from 7,289'-7,496'. 24 shots fired.

05/06/2017:

- Frac Stage #22 of 29 Avg BH Rate- 58.9 Bpm/Avg Slurry Rate- 25 Bpm/Avg Pressure- 5,729 psi/Avg N2 Quality 69%/ Total N2- 2,270,510 scf/Avg N2 Rate- 38,061 scfm/ Total 20/40 296,000 lbs/ Total 12# Water Frac 1,473 bbls.
- Perf stage #23 of 29. Set plug @ 7,275'. Shot perforations from 7,049'-7,259'. 24 shots fired.
- Frac Stage #23 of 29 Avg BH Rate- 60 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,705 psi/Avg N2 Quality 70%/ Total N2- 2,355,080 scf/Avg N2 Rate- 39,186 scfm/ Total 20/40 301,940 lbs/ Total 11# Water Frac 1,417 bbls.
- Perf stage #24 of 29. Set plug @ 7,035'. Shot perforations from 6,809'-7,019'. 24 shots fired.
- Frac Stage #24 of 29 Avg BH Rate- 60 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,488 psi/Avg N2 Quality 70%/ Total N2- 2,300,738 scf/Avg N2 Rate- 39,873 scfm/ Total 20/40 301,700 lbs/ Total 11# Water Frac 1,403 bbls.
- Perf stage #25 of 29. Set plug @ 6,798'. Shot perforations from 6,569'-6,779'. 24 shots fired.

05/07/2017:

- Held PJSM with all wellsite personnel.
- Frac Stage #25 of 29 Avg BH Rate- 59.3 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,740 psi/Avg N2 Quality 70%/ Total N2- 2,355,671 scf/Avg N2 Rate- 38,540 scfm/ Total 20/40 298,700 lbs/ Total 12# Water Frac 1,361 bbls.
- Perf stage #26 of 29. Set plug @ 6,555'. Shot perforations from 6,329'-6,539'. All shots fired.
- Frac Stage #26 of 29 Avg BH Rate- 60 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,665 psi/Avg N2 Quality 70%/ Total N2- 2,307,972 scf/Avg N2 Rate- 38,779 scfm/ Total 20/40 293,100 lbs/ Total 10# Water Frac 1,347 bbls.

- Perf stage #27 of 29. Set plug @ 6,315'. Shot perforations from 6,089'-6,299'. 24 shots fired.
- Frac Stage #27 of 29 Avg BH Rate- 60 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,406 psi/Avg N2 Quality 70%/ Total N2- 2,160,130 scf/Avg N2 Rate- 38,771 scfm/ Total 20/40 302,000 lbs/ Total 10# Water Frac 1,366 bbls.

05/08/2017:

- Perf stage #28 of 29. Set plug @ 6,075'. Shot perforations from 5,849'-6,059'. 24 shots fired.
- Frac Stage #28 of 29 Avg BH Rate- 59.9 Bpm/Avg Slurry Rate- 25 Bpm/Avg Pressure- 5,540 psi/Avg N2 Quality 70%/ Total N2- 2,157,247 scf/Avg N2 Rate- 37,873 scfm/ Total 20/40 300,600 lbs/ Total 14# Water Frac 1,451 bbls.
- Perf stage #29 of 29. Set plug @ 5,835'. Shot perforations from 5,612'-5,819'. 24 shots fired.
- Frac Stage #29 of 29 Avg BH Rate- 61 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,008 psi/Avg N2 Quality 70%/ Total N2- 2,343,557 scf/Avg N2 Rate- 38,570 scfm/ Total 20/40 301,000 lbs/ Total 10# Water Frac 1,333 bbls.
- RIH in hole with Kill plug and set @ 5,590' WLM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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MAY 18 2017

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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
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Encana Oil & Gas (USA) Inc. performed completion operations from 04/15/17 to 05/08/17 detailed on the enclosed attachment.

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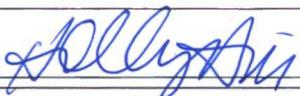
MAY 16 2017

FARMINGTON FIELD OFFICE
BY: 

Farmington Field Office
Bureau of Land Management

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

Title Senior Regulatory Analyst

Signature  Date 05/11/2017

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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.

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- Frac Stage #13 Avg BH Rate-59 Bpm/Avg Slurry Rate-24 Bpm/Avg Pressure-6,201 psi/Avg N2 Quality 70%/ Total N2- 2,307,219 scf/Avg N2 Rate- 38,049 scfm/ Total 20/40 290,000 lbs/ Total 16# Water Frac 1,493 bbls.
- Perf stage #14. Set plug @ 9,435'. Shot perforations from 9,209'-9,419'. 24 shots fired.
- Frac Stage #14 Avg BH Rate-57 Bpm/Avg Slurry Rate-24 Bpm/Avg Pressure-5,790 psi/Avg N2 Quality 70%/ Total N2- 2,345,578 scf/Avg N2 Rate- 38,000 scfm/ Total 20/40 306,364 lbs/ Total 16# Water Frac 1,540 bbls.
- Perf stage #15. Set plug @ 9,195'. Shot perforations from 8,969'-9,179'. 24 shots fired.

05/03/2017:

- Frac Stage #15 Avg BH Rate-59.7 Bpm/Avg Slurry Rate-24 Bpm/Avg Pressure-6,569 psi/Avg N2 Quality 69%/ Total N2- 2,228,690 scf/Avg N2 Rate- 38,086 scfm/ Total 20/40 296,400 lbs/ Total 16# Water Frac 1,549 bbls.
- Perf stage #16. Set plug @ 8,955'. Shot perforations from 8,729'-8,939'. 24 shots fired.
- Frac Stage #16 of 29 Avg BH Rate-59.7 Bpm/Avg Slurry Rate-24 Bpm/Avg Pressure-5,777 psi/Avg N2 Quality 70%/ Total N2- 2,324,837 scf/Avg N2 Rate- 38,393 scfm/ Total 20/40 298,780 lbs/ Total 15# Water Frac 1,570 bbls.
- Perf stage #17 of 29 Set plug @ 8,715'. Shot perforations from 8492,'-8,699'. 24 shots fired.

05/04/2017:

- Frac Stage #17 of 29 Avg BH Rate-59.9 Bpm/Avg Slurry Rate - 24 Bpm/Avg Pressure- 6,073 psi/Avg N2 Quality 71%/ Total N2- 2,333,189 scf/Avg N2 Rate- 38,328 scfm/ Total 20/40 299,800 lbs/ Total 14# Water Frac 1,500 bbls.
- Perf stage #18 of 29 Set plug @ 8,475'. Shot perforations from 8,249'-8,459'. 24 shots fired.
- Frac Stage #18 of 29 Avg BH Rate- 60.3 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,952 psi/Avg N2 Quality 70%/ Total N2- 2,298,787 scf/Avg N2 Rate- 38,270 scfm/ Total 20/40 297,800 lbs/ Total 14# Water Frac 1,507 bbls.
- Perf stage #19 of 29 Set plug @ 8,235'. Shot perforations from 8,009'-8,219'. 24 shots fired.
- Frac Stage #19 of 29 Avg BH Rate- 60.9 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,785psi/Avg N2 Quality 70%/ Total N2- 2,313,654 scf/Avg N2 Rate- 38,604 scfm/ Total 20/40 300,600 lbs/ Total 12# Water Frac 1,456 bbls.
- Perf stage #20 of 29 Set plug @ 7,995'. Shot perforations from 7,769'-7,979'. 24 shots fired.

05/05/2017:

- Frac Stage #20 of 29 Avg BH Rate- 62 Bpm/Avg Slurry Rate- 25 Bpm/Avg Pressure- 5,692 psi/Avg N2 Quality 70%/ Total N2- 2,294,892 scf/Avg N2 Rate- 37,925 scfm/ Total 20/40 300,100 lbs/ Total 12# Water Frac 1,454 bbls.
- Perf stage #21 of 29 Set plug @ 7,755'. Shot perforations from 7,529'-7,739'. 24 shots fired.
- Frac Stage #21 of 29 Avg BH Rate- 61 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,421 psi/Avg N2 Quality 70%/ Total N2- 2,305,567 scf/Avg N2 Rate- 38,465 scfm/ Total 20/40 300,200 lbs/ Total 11# Water Frac 1,444 bbls.
- Perf stage #22 of 29 Set plug @ 7,515'. Shot perforations from 7,289'-7,496'. 24 shots fired.

05/06/2017:

- Frac Stage #22 of 29 Avg BH Rate- 58.9 Bpm/Avg Slurry Rate- 25 Bpm/Avg Pressure- 5,729 psi/Avg N2 Quality 69%/ Total N2- 2,270,510 scf/Avg N2 Rate- 38,061 scfm/ Total 20/40 296,000 lbs/ Total 12# Water Frac 1,473 bbls.
- Perf stage #23 of 29. Set plug @ 7,275'. Shot perforations from 7,049'-7,259'. 24 shots fired.
- Frac Stage #23 of 29 Avg BH Rate- 60 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,705 psi/Avg N2 Quality 70%/ Total N2- 2,355,080 scf/Avg N2 Rate- 39,186 scfm/ Total 20/40 301,940 lbs/ Total 11# Water Frac 1,417 bbls.
- Perf stage #24 of 29. Set plug @ 7,035'. Shot perforations from 6,809'-7,019'. 24 shots fired.
- Frac Stage #24 of 29 Avg BH Rate- 60 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,488 psi/Avg N2 Quality 70%/ Total N2- 2,300,738 scf/Avg N2 Rate- 39,873 scfm/ Total 20/40 301,700 lbs/ Total 11# Water Frac 1,403 bbls.
- Perf stage #25 of 29. Set plug @ 6,798'. Shot perforations from 6,569'-6,779'. 24 shots fired.

05/07/2017:

- Held PJSM with all wellsite personnel.
- Frac Stage #25 of 29 Avg BH Rate- 59.3 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,740 psi/Avg N2 Quality 70%/ Total N2- 2,355,671 scf/Avg N2 Rate- 38,540 scfm/ Total 20/40 298,700 lbs/ Total 12# Water Frac 1,361 bbls.
- Perf stage #26 of 29. Set plug @ 6,555'. Shot perforations from 6,329'-6,539'. All shots fired.
- Frac Stage #26 of 29 Avg BH Rate- 60 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,665 psi/Avg N2 Quality 70%/ Total N2- 2,307,972 scf/Avg N2 Rate- 38,779 scfm/ Total 20/40 293,100 lbs/ Total 10# Water Frac 1,347 bbls.

- Perf stage #27 of 29. Set plug @ 6,315'. Shot perforations from 6,089'-6,299'. 24 shots fired.
- Frac Stage #27 of 29 Avg BH Rate- 60 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,406 psi/Avg N2 Quality 70%/ Total N2- 2,160,130 scf/Avg N2 Rate- 38,771 scfm/ Total 20/40 302,000 lbs/ Total 10# Water Frac 1,366 bbls.

05/08/2017:

- Perf stage #28 of 29. Set plug @ 6,075'. Shot perforations from 5,849'-6,059'. 24 shots fired.
- Frac Stage #28 of 29 Avg BH Rate- 59.9 Bpm/Avg Slurry Rate- 25 Bpm/Avg Pressure- 5,540 psi/Avg N2 Quality 70%/ Total N2- 2,157,247 scf/Avg N2 Rate- 37,873 scfm/ Total 20/40 300,600 lbs/ Total 14# Water Frac 1,451 bbls.
- Perf stage #29 of 29. Set plug @ 5,835'. Shot perforations from 5,612'-5,819'. 24 shots fired.
- Frac Stage #29 of 29 Avg BH Rate- 61 Bpm/Avg Slurry Rate- 24 Bpm/Avg Pressure- 5,008 psi/Avg N2 Quality 70%/ Total N2- 2,343,557 scf/Avg N2 Rate- 38,570 scfm/ Total 20/40 301,000 lbs/ Total 10# Water Frac 1,333 bbls.
- RIH in hole with Kill plug and set @ 5,590' WLM