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Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 20 2017

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.

Farmington Field Office
Bureau of Land Management

5. Lease Serial No.
NMNM 16586
6. If Indian, Allottee or Tribe Name
N/A

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		7. If Unit of CA/Agreement, Name and/or No. NMNM 135229X
2. Name of Operator Encana Oil & Gas (USA) Inc.		8. Well Name and No. North Alamito Unit 306H (FKA Lybrook L34-2307 01H)
3a. Address 370 17th Street, Suite 1700 Denver, CO 80202	3b. Phone No. (include area code) (720) 876-5331	9. API Well No. 30-043-21276
4. Location of Well (Footage, Sec., T.R.M., or Survey Description) SHL: 1404' FSL and 759' FWL Section 34, T23N, R7W BHL: 693' FNL and 645' FWL Section 33, T23N, R7W		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 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 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 FLARE EXTENSION
	<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 recomplate 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 perfonned 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 detennined that the site is ready for final inspection.)

Encana Oil & Gas (USA) Inc. (Encana) requests authorization to flare this well for 30 additional days due to high nitrogen content. The most recent gas analysis report shows nitrogen at approximately 23.35%, which does not meet pipeline specs for nitrogen content. It is anticipated that this level of nitrogen will not be obtained by the date of expiration (06/27/17). Encana anticipates that the well will need an additional 30 days after to flare after expiration. The most recent gas measurement report is attached.

OIL CONS. DIV DIST. 3

JUN 26 2017

APPROVED TO SIGN FOR THIS
... AND
...
ON THE ...

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Steven Merrell		Title Senior Regulatory Analyst
Signature <i>Steven Merrell</i>	Date 06/20/2017	

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Jack Savage</i>	Title PE	Date 6/21/17
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 FFO	

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)

NMOCDPV

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OIL CONS. DIV DIST. 3

JUN 26 2017

2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: EC170285
Cust No: 25150-11695

Well/Lease Information

Customer Name: ENCANA OIL & GAS
Well Name: NAU 306H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.:

Source: METER RUN
Pressure: 160 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/15/2017
Sampled By: SEAN CASAUS
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	23.351	2.5760	0.00	0.2259
CO2	0.241	0.0410	0.00	0.0037
Methane	58.943	10.0180	595.32	0.3265
Ethane	8.367	2.2430	148.07	0.0869
Propane	5.770	1.5940	145.18	0.0878
Iso-Butane	0.700	0.2300	22.76	0.0140
N-Butane	1.591	0.5030	51.90	0.0319
I-Pentane	0.348	0.1280	13.92	0.0087
N-Pentane	0.305	0.1110	12.23	0.0076
Hexane Plus	0.384	0.1720	20.24	0.0127
Total	100.000	17.6160	1009.63	0.8057

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1014.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 997.1
REAL SPECIFIC GRAVITY: 0.8076

GPM, BTU, and SPG calculations as shown above are based on current GPA factors.

DRY BTU @ 14.650: 1009.3
DRY BTU @ 14.696: 1012.5
DRY BTU @ 14.730: 1014.8
DRY BTU @ 15.025: 1035.1

CYLINDER #: 018
CYLINDER PRESSURE: 248 PSIG
DATE RUN: 6/15/17 10:31 AM
ANALYSIS RUN BY: PATRICIA KING



ENCANA OIL & GAS
WELL ANALYSIS COMPARISON

Lease: NAU 306H
Stn. No.:
Mtr. No.:

METER RUN

06/15/2017
25150-11695

Smpl Date: 06/15/2017
Test Date: 06/15/2017
Run No: EC170285
Nitrogen: 23.351
CO2: 0.241
Methane: 58.943
Ethane: 8.367
Propane: 5.770
I-Butane: 0.700
N-Butane: 1.591
I-Pentane: 0.348
N-Pentane: 0.305
Hexane+: 0.384
BTU: 1014.8
GPM: 17.6160
SPG: 0.8076



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
6251 College Blvd. - Suite A
Farmington, New Mexico 87402
www.blm.gov/nm



In Reply refer To:

Conditions of Approval

W. Lybrook UT # 748H
Section 12, T23N, 9W
Lease No. N0-G-1403-1944

OIL CONS. DIV DIST. 3

JUN 26 2017

- Flaring is authorized pursuant to 43 CFR 3170, Subpart 3179.102.
- 43 CFR 3179.9 (a) The operator must estimate or measure all volumes of gas vented or flared from wells, facilities and equipment on a lease, unit PA, or communitized area and report those volumes under applicable ONRR reporting requirements.
- Flaring will be authorized until July 20, 2017 if additional time is required, please contact this office accordingly.
- Please take appropriate and necessary safety precautions at this well site during the flaring period.