

DEC 26 2014

State of New Mexico  
Energy Minerals and Natural Resources

Form C-129

Revised August 1, 2011

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

811 S. First St., Artesia, NM 88210

## District III

1000 Rio Brazos Road, Aztec, NM 87410

## District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505Submit one copy to appropriate  
District OfficeNFO Permit No. \_\_\_\_\_  
(For Division Use Only)

## APPLICATION FOR EXCEPTION TO NO-FLARE RULE 19.15.18.12

(See Rule 19.15.18.12 NMAC and Rule 19.15.7.37 NMAC)

- A. Applicant Encana Oil & Gas (USA) Inc.,  
whose address is 370 17th Street, Suite 1700 Denver, CO 80202,  
hereby requests an exception to Rule 19.15.18.12 for Thirty (30) days or until  
January 24th, Yr 2015, for the following described tank battery (or LACT):  
API: 30-043-21196  
Name of Lease Lybrook E33-2307 02H Name of Pool Alamito-Gallup  
Location of Battery: Unit Letter E Section 33 Township 23N Range 7W  
Number of wells producing into battery 2
- B. Based upon oil production of 194 barrels per day, the estimated \* volume  
of gas to be flared is 10,710 MCF; Value \$1556.52 per day.
- C. Name and location of nearest gas gathering facility:  
Lybrook Trunk CDP
- D. Distance N/A Estimated cost of connection Already Connected
- E. This exception is requested for the following reasons: \_\_\_\_\_  
The wells early production is being impacted by high backpressure on  
the gas gathering line. The wells should optimally be produced with  
minimum backpressure during early life to ensure proper load water recovery.

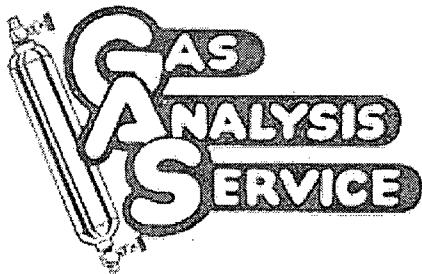
## OPERATOR

I hereby certify that the rules and regulations 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 Cristi BauerPrinted Name  
& Title Cristi BauerE-mail Address Cristi.Bauer@encana.comDate 12/23/14 Telephone No. 720-876-5867

## OIL CONSERVATION DIVISION

Approved Until 1/24/15By Brandt  
DEPUTY OIL & GAS INSPECTOR  
Title DISTRICT #3Date 12/30/14

\* Gas-Oil ratio test may be required to verify estimated gas volume.



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

Analysis No: EC140467  
Cust No: 25150-11365

### Well/Lease Information

Customer Name: ENCANA OIL & GAS  
Well Name: LYBROOK E33-2307-02H  
County/State:  
Location: E33-23N-07W  
Field: O2 PROJECT  
Formation:  
Cust. Stn. No.: 14181178  
cc #76528

Source: METER RUN  
Pressure: 165 PSIG  
Sample Temp: DEG. F  
Well Flowing: Y  
Date Sampled: 12/08/2014  
Sampled By: SEAN CASAUS  
Foreman/Engr.: MIKE SACKETT

Remarks:

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	2.399	0.2650	0.00	0.0232
CO2	0.342	0.0590	0.00	0.0052
Methane	76.074	12.9410	768.35	0.4214
Ethane	10.728	2.8790	189.85	0.1114
Propane	6.702	1.8530	168.63	0.1020
Iso-Butane	0.862	0.2830	28.03	0.0173
N-Butane	1.818	0.5750	59.31	0.0365
I-Pentane	0.385	0.1410	15.40	0.0096
N-Pentane	0.318	0.1160	12.75	0.0079
Hexane Plus	0.372	0.1660	19.61	0.0123
Total	100.000	19.2780	1261.93	0.7468

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0037  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1269.5  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1247.4  
REAL SPECIFIC GRAVITY: 0.7493

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

DRY BTU @ 14.650: 1262.6  
DRY BTU @ 14.696: 1266.6  
DRY BTU @ 14.730: 1269.5  
DRY BTU @ 15.025: 1294.9

CYLINDER #: 6191  
CYLINDER PRESSURE: 171 PSIG  
DATE RUN: 12/9/14 10:52 AM  
ANALYSIS RUN BY: PATRICIA KING