

## OIL CONS. DIV DIST. 3

DEC 16 2014

State of New Mexico  
Energy Minerals and Natural Resources

CONFIDENTIAL

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 30 days or until  
January 15th, Yr 2015, for the following described tank battery (or LACT):  
API: 30-043-21178  
Name of Lease Lybrook M28-2306 01H Name of Pool Lybrook Gallup  
Location of Battery: Unit Letter M Section 28 Township 23N Range 6W  
Number of wells producing into battery 3
- B. Based upon oil production of 155 barrels per day, the estimated \* volume  
of gas to be flared is 12,930 MCF; Value \$1612 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 Bauer

Printed Name

& Title Cristi Bauer, Operations TechnicianE-mail Address cristi.bauer@encana.comDate 12/12/14 Telephone No. 720-876-5867

## OIL CONSERVATION DIVISION

Approved Until

1-15-2015

By

Charles Lerner

Title

SUPERVISOR DISTRICT #3

Date

DEC 18 2014

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



OIL CONS. DIV DIST. 3

DEC 16 2014

2030 Afton Place  
Farmington, NM 87401  
(505) 325-6622Analysis No: EC140461  
Cust No: 25150-11305

---

**Well/Lease Information**Customer Name: ENCANA OIL & GAS  
Well Name: LYBROOK M28-2306-01H  
County/State:  
Location: M28-23N-06W  
Field: O2 PROJECT  
Formation:  
Cust. Stn. No.: 14180108  
CC# 76154Source: METER RUN  
Pressure: 65 PSIG  
Sample Temp: DEG. F  
Well Flowing: Y  
Date Sampled: 12/08/2014  
Sampled By: SEAN CASUAS  
Foreman/Engr.:

Remarks: SAMPLED AT METER RUN

**Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	8.291	0.9160	0.00	0.0802
CO2	0.298	0.0510	0.00	0.0045
Methane	65.147	11.0870	657.98	0.3608
Ethane	13.173	3.5360	233.12	0.1368
Propane	7.939	2.1960	199.75	0.1209
Iso-Butane	0.980	0.3220	31.87	0.0197
N-Butane	2.410	0.7630	78.62	0.0484
I-Pentane	0.574	0.2110	22.97	0.0143
N-Pentane	0.530	0.1930	21.25	0.0132
Hexane Plus	0.658	0.2950	34.68	0.0218
Total	100.000	19.5700	1280.25	0.8205

\* @ 14.730 PSIA DRY &amp; UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0041  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1288.5  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1266.1  
REAL SPECIFIC GRAVITY: 0.8236GPM, BTU, and SPG calculations as shown  
above are based on current GPA factors.DRY BTU @ 14.650: 1281.5  
DRY BTU @ 14.696: 1285.5  
DRY BTU @ 14.730: 1288.5  
DRY BTU @ 15.025: 1314.3CYLINDER #: 5017  
CYLINDER PRESSURE: 70 PSIG  
DATE RUN: 12/9/14 10:19 AM  
ANALYSIS RUN BY: PATRICIA KING