

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

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

DEC 01 2014

Form C-129  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

NFO 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 15 days or until  
12/15, Yr 2014, 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 213 barrels per day, the estimated \* volume  
of gas to be flared is 10,950 MCF; Value \$1642 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 Technician

E-mail Address cristi.bauer@encana.com

Date \_\_\_\_\_ Telephone No. 720-876-5867

**OIL CONSERVATION DIVISION**

Approved Until 12-16-2014

By Cherha Pen

Title SUPERVISOR DISTRICT #3

Date DEC 01 2014

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

RO



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

Analysis No: EC140434  
 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# 76154

Source:  
 Pressure: 100 PSIG  
 Sample Temp: DEG. F  
 Well Flowing: Y  
 Date Sampled: 11/26/2014  
 Sampled By: SEAN CASUAS  
 Foreman/Engr.:

**OIL CONS. DIV DIST. 3**

**DEC 01 2014**

Remarks:

**Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	10.373	1.1450	0.00	0.1003
CO2	0.298	0.0510	0.00	0.0045
Methane	65.057	11.0670	657.07	0.3603
Ethane	12.827	3.4420	227.00	0.1332
Propane	7.343	2.0300	184.76	0.1118
Iso-Butane	0.847	0.2780	27.54	0.0170
N-Butane	1.980	0.6260	64.59	0.0397
I-Pentane	0.437	0.1600	17.48	0.0109
N-Pentane	0.393	0.1430	15.75	0.0098
Hexane Plus	0.445	0.1990	23.46	0.0147
<b>Total</b>	<b>100.000</b>	<b>19.1410</b>	<b>1217.67</b>	<b>0.8023</b>

\* @ 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): 1225.0  
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1203.7  
 REAL SPECIFIC GRAVITY: 0.805

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

DRY BTU @ 14.650: 1218.3  
 DRY BTU @ 14.696: 1222.2  
 DRY BTU @ 14.730: 1225.0  
 DRY BTU @ 15.025: 1249.5

CYLINDER #: 7006  
 CYLINDER PRESSURE: 89 PSIG  
 DATE RUN: 11/26/14 12:00 AM  
 ANALYSIS RUN BY: LOGAN CHENEY