

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 16 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 Thirty (30) days or until  
January 15th, Yr 2015, for the following described tank battery (or LACT):  
API: 30-043-21195  
Name of Lease Lybrook E33-2307 01H Name of Pool Basin Mancos  
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 203 barrels per day, the estimated \* volume  
of gas to be flared is 18,600 MCF; Value \$2319 per day.
- C. Name and location of nearest gas gathering facility:  
Lybrook Truck 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 back pressure on the gas  
gathering line. The wells should optimally be produced with miniumum  
back pressure 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

E-mail Address Cristi.Bauer@encana.com

Date 12/12/14 Telephone No. 720-876-5867

### OIL CONSERVATION DIVISION

Approved Until 1-15-2015

By [Signature]

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: EC140466  
Cust No: 25150-11360

---

**Well/Lease Information**Customer Name: ENCANA OIL & GAS  
Well Name: LYBROOK E33-2307 #01H  
County/State: SANDOVAL NM  
Location: E33-23N-07W  
Field: O2 PROJECT  
Formation:  
Cust. Stn. No.: 550100238  
CC# 76527Source: METER RUN  
Pressure: 170 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	2.892	0.3190	0.00	0.0280
CO2	0.311	0.0530	0.00	0.0047
Methane	75.647	12.8690	764.03	0.4190
Ethane	10.882	2.9200	192.58	0.1130
Propane	6.578	1.8180	165.51	0.1002
Iso-Butane	0.842	0.2760	27.38	0.0169
N-Butane	1.789	0.5660	58.36	0.0359
I-Pentane	0.380	0.1390	15.20	0.0095
N-Pentane	0.313	0.1140	12.55	0.0078
Hexane Plus	0.366	0.1640	19.29	0.0121
Total	100.000	19.2380	1254.91	0.7470

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

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

COMPRESSIBILITY FACTOR (1/Z): 1.0037  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1262.5  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1240.5  
REAL SPECIFIC GRAVITY: 0.7495GPM, BTU, and SPG calculations as shown  
above are based on current GPA factors.DRY BTU @ 14.650: 1255.6  
DRY BTU @ 14.696: 1259.6  
DRY BTU @ 14.730: 1262.5  
DRY BTU @ 15.025: 1287.8CYLINDER #: 5001  
CYLINDER PRESSURE: 159 PSIG  
DATE RUN: 12/9/14 10:51 AM  
ANALYSIS RUN BY: PATRICIA KING