

DEC 01 2014

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

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: 30-043-21176  
Name of Lease Lybrook P28-2306 01H Name of Pool Lybrook Gallup  
Location of Battery: Unit Letter P Section 28 Township 23N Range 6W  
Number of wells producing into battery 2
- B. Based upon oil production of 320 barrels per day, the estimated \* volume  
of gas to be flared is 15,580 MCF; Value \$2337 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 Charles

Title SUPERVISOR DISTRICT #3

Date DEC 01 2014

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



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

Analysis No: EC140437  
Cust No: 25150-11325

### Well/Lease Information

Customer Name: ENCANA OIL & GAS  
Well Name: LYBROOK P28-2306-01H  
County/State:  
Location: P28-23N-06W  
Field:  
Formation:  
Cust. Stn. No.: 550100934  
75835

Source:  
Pressure: 400 PSIG  
Sample Temp: DEG. F  
Well Flowing: Y  
Date Sampled: 11/26/2014  
Sampled By: SEAN CASAUS  
Foreman/Engr.:

OIL CONS. DIV DIST. 3

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Remarks:

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	11.505	1.2690	0.00	0.1113
CO2	0.255	0.0440	0.00	0.0039
Methane	67.953	11.5530	686.33	0.3764
Ethane	12.173	3.2650	215.43	0.1264
Propane	5.790	1.6000	145.68	0.0882
Iso-Butane	0.566	0.1860	18.41	0.0114
N-Butane	1.173	0.3710	38.27	0.0235
I-Pentane	0.213	0.0780	8.52	0.0053
N-Pentane	0.177	0.0640	7.10	0.0044
Hexane Plus	0.195	0.0870	10.28	0.0065
Total	100.000	18.5170	1130.00	0.7571

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0031  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1136.1  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1116.3  
REAL SPECIFIC GRAVITY: 0.7592

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

DRY BTU @ 14.650: 1129.9  
DRY BTU @ 14.696: 1133.5  
DRY BTU @ 14.730: 1136.1  
DRY BTU @ 15.025: 1158.9

CYLINDER #: 4159  
CYLINDER PRESSURE: 360 PSIG  
DATE RUN: 11/26/14 3:07 PM  
ANALYSIS RUN BY: LOGAN CHENEY