

DEC 16 2014

State of New Mexico  
Energy Minerals and Natural ResourcesOil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505Form C-129  
Revised August 1, 2011Submit one copy to appropriate  
District Office

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

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 30 days or until  
January 15th, Yr 2015, for the following described tank battery (or LACT):  
API: 30-043-21177  
Name of Lease Lybrook P28-2306 02H 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 522 barrels per day, the estimated \* volume  
of gas to be flared is 39,660 MCF; Value \$4944 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 Bauer, Operations TechnicianE-mail Address cristi.bauer@encana.comDate 12/12/14 Telephone No. 720-876-5867

## OIL CONSERVATION DIVISION

Approved Until 1-15-2015By Charles P.Title SUPERVISOR DISTRICT #3Date 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) 325-6622

Analysis No: EC140465

Cust No: 25150-11330

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**Well/Lease Information**Customer Name: ENCANA OIL & GAS  
Well Name: LYBROOK P28-2306-02H  
County/State:  
Location: P28-23N-06W  
Field:  
Formation:  
Cust. Stn. No.: 550100933  
75836Source: METER RUN  
Pressure: 250 PSIG  
Sample Temp: DEG. F  
Well Flowing: Y  
Date Sampled: 12/08/2014  
Sampled By: SEAN CASUAS  
Foreman/Engr.: TONY FERRARI

Remarks:

**Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	8.109	0.8950	0.00	0.0784
CO2	0.273	0.0470	0.00	0.0041
Methane	67.171	11.4270	678.43	0.3721
Ethane	13.759	3.6920	243.49	0.1428
Propane	7.290	2.0150	183.42	0.1110
Iso-Butane	0.789	0.2590	25.66	0.0158
N-Butane	1.713	0.5420	55.88	0.0344
I-Pentane	0.332	0.1220	13.28	0.0083
N-Pentane	0.283	0.1030	11.34	0.0070
Hexane Plus	0.281	0.1260	14.81	0.0093
Total	100.000	19.2280	1226.32	0.7833

\* @ 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): 1233.7  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1212.2  
REAL SPECIFIC GRAVITY: 0.7859GPM, BTU, and SPG calculations as shown  
above are based on current GPA factors.DRY BTU @ 14.650: 1227.0  
DRY BTU @ 14.696: 1230.9  
DRY BTU @ 14.730: 1233.7  
DRY BTU @ 15.025: 1258.4CYLINDER #: 4228  
CYLINDER PRESSURE: 234 PSIG  
DATE RUN: 12/9/14 10:50 AM  
ANALYSIS RUN BY: PATRICIA KING