

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: 30-043-21177  
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 177 barrels per day, the estimated \* volume  
of gas to be flared is 4,215 MCF; Value \$633 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.

<p><b>OPERATOR</b> 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.</p> <p>Signature <u>Cristi Bauer</u></p> <p>Printed Name &amp; Title <u>Cristi Bauer, Operations Technician</u></p> <p>E-mail Address <u>cristi.bauer@encana.com</u></p> <p>Date _____ Telephone No. <u>720-876-5867</u></p>	<p><b>OIL CONSERVATION DIVISION</b></p> <p>Approved Until <u>12-16-2014</u></p> <p>By <u>Chantel</u></p> <p>Title <u>SUPERVISOR DISTRICT #3</u></p> <p>Date <u>DEC 01 2014</u></p>
--	--

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

20  
2



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

Analysis No: EC140438  
Cust No: 25150-11330

### 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  
75836

Source:  
Pressure: 385 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	11.073	1.2220	0.00	0.1071
CO2	0.261	0.0450	0.00	0.0040
Methane	67.737	11.5170	684.14	0.3752
Ethane	12.764	3.4240	225.88	0.1325
Propane	5.859	1.6190	147.42	0.0892
Iso-Butane	0.563	0.1850	18.31	0.0113
N-Butane	1.174	0.3710	38.30	0.0236
I-Pentane	0.215	0.0790	8.60	0.0054
N-Pentane	0.179	0.0650	7.18	0.0045
Hexane Plus	0.175	0.0780	9.22	0.0058
Total	100.000	18.6050	1139.06	0.7584

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0032  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1145.4  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1125.5  
REAL SPECIFIC GRAVITY: 0.7606

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

DRY BTU @ 14.650: 1139.2  
DRY BTU @ 14.696: 1142.8  
DRY BTU @ 14.730: 1145.4  
DRY BTU @ 15.025: 1168.3

CYLINDER #: 6176  
CYLINDER PRESSURE: 356 PSIG  
DATE RUN: 11/26/14 3:08 PM  
ANALYSIS RUN BY: PATRICIA KING