

DEC 18 2014

CONFIDENTIAL

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 30 days or until  
January 15th, Yr 2015, 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 388 barrels per day, the estimated \* volume  
of gas to be flared is 45,720 MCF; Value \$5699 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 <u>12/12/14</u> Telephone No. <u>720-876-5867</u></p>	<p><b>OIL CONSERVATION DIVISION</b></p> <p>Approved Until <u>1-15-15</u></p> <p>By <u>[Signature]</u></p> <p>Title <u>SUPERVISOR DISTRICT #3</u></p> <p>Date <u>DEC 18 2014</u></p>
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\* 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: EC140464  
Cust No: 25150-11325

**Well/Lease Information**

Customer Name: ENCANA OIL & GAS	Source: METER RUN
Well Name: LYBROOK P28-2306-01H	Pressure: 250 PSIG
County/State:	Sample Temp: DEG. F
Location: P28-23N-06W	Well Flowing: Y
Field:	Date Sampled: 12/08/2014
Formation:	Sampled By: SEAN CASAUS
Cust. Stn. No.: 550100934	Foreman/Engr.:
75835	

Remarks:

**Analysis**

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	7.543	0.8330	0.00	0.0730
CO2	0.274	0.0470	0.00	0.0042
Methane	68.610	11.6700	692.96	0.3800
Ethane	13.552	3.6360	239.83	0.1407
Propane	6.894	1.9060	173.46	0.1050
Iso-Butane	0.723	0.2370	23.51	0.0145
N-Butane	1.572	0.4970	51.28	0.0315
I-Pentane	0.304	0.1120	12.16	0.0076
N-Pentane	0.261	0.0950	10.46	0.0065
Hexane Plus	0.267	0.1190	14.07	0.0088
<b>Total</b>	<b>100.000</b>	<b>19.1520</b>	<b>1217.74</b>	<b>0.7718</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0036  
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1225.0  
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1203.7  
 REAL SPECIFIC GRAVITY: 0.7743

**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 #: 4163  
 CYLINDER PRESSURE: 238 PSIG  
 DATE RUN: 12/9/14 10:49 AM  
 ANALYSIS RUN BY: PATRICIA KING