

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: 30-043-21194
Name of Lease Lybrook M28-2306 03H Name of Pool Lybrook Gallup
Location of Battery: Unit Letter M Section 28 Township 23N Range 6W
Number of wells producing into battery 3
- B. Based upon oil production of 251 barrels per day, the estimated * volume
of gas to be flared is 17,790 MCF; Value \$2669 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>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.</p> <p>Signature <u>Cristi Bauer</u></p> <p>Printed Name & 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>OIL CONSERVATION DIVISION</p> <p>Approved Until <u>12-16-2014</u></p> <p>By <u>Charles Kern</u></p> <p>Title <u>SUPERVISOR DISTRICT #3</u></p> <p>Date <u>DEC 01 2014</u></p>
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* Gas-Oil ratio test may be required to verify estimated gas volume.

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

Analysis No: EC140436
 Cust No: 25150-11315

Well/Lease Information

Customer Name: ENCANA OIL & GAS
 Well Name: LYBROOK M28-2306-03H
 County/State:
 Location: M28-23N-06W
 Field: O2 PROJECT
 Formation:
 Cust. Stn. No.: 14180112
 76155

Source:
 Pressure: 90 PSIG
 Sample Temp: DEG. F
 Well Flowing: Y
 Date Sampled: 11/26/2014
 Sampled By: SEAN CASAUS
 Foreman/Engr.:

OIL CONS. DIV DIST. 3
 DEC 01 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	8.471	0.9350	0.00	0.0819
CO2	0.283	0.0480	0.00	0.0043
Methane	65.868	11.2070	665.26	0.3648
Ethane	13.215	3.5470	233.87	0.1372
Propane	7.635	2.1110	192.11	0.1162
Iso-Butane	0.924	0.3030	30.05	0.0185
N-Butane	2.194	0.6940	71.58	0.0440
I-Pentane	0.491	0.1800	19.64	0.0122
N-Pentane	0.434	0.1580	17.40	0.0108
Hexane Plus	0.485	0.2170	25.56	0.0161
Total	100.000	19.4000	1255.47	0.8062

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0039
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1263.3
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1241.3
 REAL SPECIFIC GRAVITY: 0.809

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

DRY BTU @ 14.650: 1256.4
 DRY BTU @ 14.696: 1260.4
 DRY BTU @ 14.730: 1263.3
 DRY BTU @ 15.025: 1288.6

CYLINDER #: 6141
 CYLINDER PRESSURE: 90 PSIG
 DATE RUN: 11/26/14 3:06 PM
 ANALYSIS RUN BY: LOGAN CHENEY