

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: 30-043-21178
Name of Lease Lybrook M28-2306 01H 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 213 barrels per day, the estimated * volume
of gas to be flared is 10,950 MCF; Value \$1642 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 Chenba

Title SUPERVISOR DISTRICT #3

Date DEC 01 2014

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

RO



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

Analysis No: EC140434
Cust No: 25150-11305

Well/Lease Information

Customer Name: ENCANA OIL & GAS
Well Name: LYBROOK M28-2306-01H
County/State:
Location: M28-23N-06W
Field: O2 PROJECT
Formation:
Cust. Stn. No.: 14180108
CC# 76154

Source:
Pressure: 100 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	10.373	1.1450	0.00	0.1003
CO2	0.298	0.0510	0.00	0.0045
Methane	65.057	11.0670	657.07	0.3603
Ethane	12.827	3.4420	227.00	0.1332
Propane	7.343	2.0300	184.76	0.1118
Iso-Butane	0.847	0.2780	27.54	0.0170
N-Butane	1.980	0.6260	64.59	0.0397
I-Pentane	0.437	0.1600	17.48	0.0109
N-Pentane	0.393	0.1430	15.75	0.0098
Hexane Plus	0.445	0.1990	23.46	0.0147
Total	100.000	19.1410	1217.67	0.8023

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0037
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1225.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1203.7
REAL SPECIFIC GRAVITY: 0.805

**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 #: 7006
CYLINDER PRESSURE: 89 PSIG
DATE RUN: 11/26/14 12:00 AM
ANALYSIS RUN BY: LOGAN CHENEY