

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.

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 Chantel

Title SUPERVISOR DISTRICT #3

Date DEC 01 2014

* 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