

DEC 01 2014

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 15 days or until
12/15, Yr 2014, 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 320 barrels per day, the estimated * volume
of gas to be flared is 15,580 MCF; Value \$2337 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 Lee</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: EC140437
Cust No: 25150-11325

Well/Lease Information

Customer Name: ENCANA OIL & GAS
Well Name: LYBROOK P28-2306-01H
County/State:
Location: P28-23N-06W
Field:
Formation:
Cust. Str. No.: 550100934
75835

Source:
Pressure: 400 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 11/26/2014
Sampled By: SEAN CASAUS
Foreman/Engr.:

OIL CONS. DIV DIST. 3

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Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	11.505	1.2690	0.00	0.1113
CO2	0.255	0.0440	0.00	0.0039
Methane	67.953	11.5530	686.33	0.3764
Ethane	12.173	3.2650	215.43	0.1264
Propane	5.790	1.6000	145.68	0.0882
Iso-Butane	0.566	0.1860	18.41	0.0114
N-Butane	1.173	0.3710	38.27	0.0235
I-Pentane	0.213	0.0780	8.52	0.0053
N-Pentane	0.177	0.0640	7.10	0.0044
Hexane Plus	0.195	0.0870	10.28	0.0065
Total	100.000	18.5170	1130.00	0.7571

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1136.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1116.3
REAL SPECIFIC GRAVITY: 0.7592

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

DRY BTU @ 14.650: 1129.9
DRY BTU @ 14.696: 1133.5
DRY BTU @ 14.730: 1136.1
DRY BTU @ 15.025: 1158.9

CYLINDER #: 4159
CYLINDER PRESSURE: 360 PSIG
DATE RUN: 11/26/14 3:07 PM
ANALYSIS RUN BY: LOGAN CHENEY