

DATE <b>8-15-13</b>	SUSPENSE	ENGINEER <b>DB</b>	LOGGED IN <b>9-11-13</b>	TYPE <b>DLM</b>	APP NO <b>PKB1325441331</b>
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



87

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]  
 [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD
- Check One Only for [B] or [C]  
 [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR
- [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply  
 [A]  Working, Royalty or Overriding Royalty Interest Owners  
 [B]  Offset Operators, Leaseholders or Surface Owner  
 [C]  Application is One Which Requires Published Legal Notice  
 [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

_____	_____	_____	_____
Print or Type Name	Signature	Title	Date
_____			_____
e-mail Address			

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



373-A

**ADMINISTRATIVE APPLICATION CHECKLIST**

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**Application Acronyms:**

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- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR
- [D] Other: Specify PLC-373/Amendment

Encana Oil  
 Adding 19 wells  
 to Lybrook Truck

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or  Does Not Apply
- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,  
Attachment No. 4 presents copies of notification to interest owners mailed Certified/Return Receipt (RR). Upon receipt of RRs, copies will be sent to NMOCD.
- [F]  Waivers are Attached

Line:  
 "Lybrook" wells  
 - all horizontal  
 Key well for Appl.  
 30-043-21146/  
 Lybrook M31 2306 #2H

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

Holly Hill Print or Type Name	<u>Holly Hill</u> Signature	Regulatory Analyst Title	8/9/13 Date
		holly.hill@encana.com e-mail Address	

District I  
1625 N. French Drive, 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 Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: Encana Oil & Gas (USA) Inc.  
OPERATOR ADDRESS: 370 17<sup>th</sup> Street, Suite 1700, Denver, CO 80202  
APPLICATION TYPE:

Pool Commingling  Lease Commingling  Pool and Lease Commingling  Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE:  Fee  State  Federal

Is this an Amendment to existing Order?  Yes  No If "Yes", please include the appropriate Order No. PLC-373  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
 Yes  No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production	Calculated Value of Commingled Production	Volumes
Lybrook Gallup (42289)	41° API/1350 BTU	Only gas to be commingled	Only gas to be commingled	5 - 500 mcf/d
Wildcat Gallup (97981)	41° API/1350 BTU	1350 BTU	Value = +/- \$3.30 mmbtu	5 - 500 mcf/d
Basin Mancos (				

- (2) Are any wells producing at top allowables?  Yes  No  
(3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No.  
(4) Measurement type:  Metering  Other (Specify)  
(5) Will commingling decrease the value of production?  Yes  No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**

Please attach sheets with the following information

- (1) Pool Name and Code.  
(2) Is all production from same source of supply?  Yes  No  
(3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No  
(4) Measurement type:  Metering  Other (Specify)

**(C) POOL and LEASE COMMINGLING**

Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**

Please attached sheets with the following information

- (1) Is all production from same source of supply?  Yes  No  
(2) Include proof of notice to all interest owners. See Attachment No. 4

**(E) ADDITIONAL INFORMATION (for all application types)**

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location. See Attachment No. 2 and Attachment No. 5  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved. Attachment No.2  
(3) Lease Names, Lease and Well Numbers, and API Numbers. See Attachment No. 1

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Holly Hill TITLE: Regulatory Analyst DATE: 8/9/13

TYPE OR PRINT NAME: Holly Hill TELEPHONE NO.: 720-876-5331  
E-MAIL ADDRESS: holly.hill@encana.com



August 9, 2013

Transmitted Via Certified Mail

Ms. Jami Bailey  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Mr. Dave Evans, District Manager  
Bureau of Land Management  
6251 College Blvd., Suite A  
Farmington, NM 87402

Mr. Larry Roybal  
Oil, Gas & Minerals Division  
New Mexico State Land Office  
PO Box 1148  
Santa Fe, NM 87504

**Re: Amendment to NMOCD Order PLC-373  
Lybrook Trunk Line #1 Gathering System  
Sandoval County, New Mexico**

Dear Ms. Bailey, Mr. Evans and Mr. Roybal:

Encana Oil & Gas (USA) Inc. (Encana) requests Administrative Approval to tie-in additional wells to the Lybrook Gathering System #1 (LGS), which was approved by the New Mexico Oil Conservation Division (NMOCD) in order number PLC-373 on April 29, 2013. Additionally, the Bureau of Land Management (BLM) approved the LGS on May 28, 2013 and the New Mexico State Land Office (NMSLO) approved the LGS on April 26, 2013. Encana requests approval to commingle natural gas for the leases and wells listed on Attachment No. 1 which reflects the eight (8) wells currently approved for Pool and Lease Commingling, under PLC-373, as well as the nineteen (19) additional wells Encana requests approval to tie into the LGS. Additionally, Encana requests approval to claim beneficial use at the gas lift injection meter on the well pad, which is depicted for each well pad, on the gas lift schematics presented in Attachment No. 6.

Encana is the Operator of all twenty-seven (27) wells. Most of the LGS has already been installed and will continue to be maintained and operated by Encana. The addition of the nineteen (19) wells requires surface commingling of gas, and in some cases off-lease measurement and sale of produced natural gas, as well as off-lease transportation and sale of oil and condensate. There will not be any commingling of oil or condensate in the pipeline and there is no Indian acreage associated with any of the wells to be added or currently tied into the LGS. Moreover, as previously stated in the initial application, the LGS ties into Enterprise Products Partners' (Enterprise) existing pipeline in the SWNW of Section 36, T23N R7W. The interconnection of the wells will be known as the Central Delivery Point (CDP) gas custody transfer, as well as the Point of Royalty Measurement (PRM). A schematic of the interconnection was provided in the initial application, as an amendment on May 15, 2013. Should you need this schematic again, please let us know. Lastly, for the purposes of requesting approval from the BLM, Encana requests commingling be reviewed and granted under Category 3 of the BLM's Instructional Memorandum (IM) dated July 3, 2013.

As you are most likely aware, in order to optimally develop horizontal wells, Encana has proceeded with permitting various well pads in the section adjacent to the Project Area (PA) and/or developed acreage. Therefore, in some instances, the well pad surface hole location (SHL) is located off-lease. In these instances, Off-Lease Measurement of natural gas will occur at the well head by a well allocation meter and again at the pipeline tie-in to Enterprise Products Partners' CDP. Further, Encana intends to install a gas lift compressor on each well as depicted and described in Attachment No 6. Please note, Encana intends to submit to the Bureau of Land Management (BLM) a sundry to formally request approval to install the gas lift on the nineteen (19) wells proposed for tie-in to the LGS, which, once approved, will be forwarded on to the New Mexico Oil Conservation

Encana Oil & Gas (USA) Inc.

370 17<sup>th</sup> Street, Suite 1700, Denver Colorado 80202 720.876.5331 (O) 303.521.2835 (C) [holly.hill@encana.com](mailto:holly.hill@encana.com)

2013 AUG 15 P  
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Division (NMOCD) for their approval. There will not be any commingling of oil or condensate with naturally produced gas in the pipeline.

If applicable, Off-Lease Measurement, Transportation and Sale of produced oil and condensate will occur at the surface location for the affected well where Encana will install the necessary number of 400-barrel oil storage tanks and water tanks. Generally, produced water will be measured using tank gauges and produced oil will be measured using a strapping table measurement by the associated vendors. Run tickets will be filled out onsite for each load of oil, which will show the tank gauge readings, oil gravity, temperature and BS&W content. Each valve on the tanks will have seals. Records will be kept that will show when seals are installed and removed. The tank seal information is also recorded on the run tickets, which will accompany the transportation of the oil.

Enclosed please find the following:

**A. Administrative Application Checklist for Pool/Lease Commingling dated August 9, 2013.**

**B. State of New Mexico Oil Conservation Division Form C-107-B, Amendment to Application for Pool/Lease Commingling (PLC-373) dated August 9, 2013. Attached to and made part of the Application for Pool/Lease Commingling please find the following:**

**Attachment No. 1:** Presents the following information:

- |  |  |
|--|--|
| 1) Wells                                   | 5) Projected gas rate for leases   |
| 2) Leases                                  | 6) Projected gas percentage in the LGS for the wells                     |
| 3) Pool information                        | 7) Projected initial gas heating value through ~1 <sup>st</sup> 6 months |
| 4) Projected gas rate for individual wells | 8) Projected gas heating value after ~1 <sup>st</sup> 6 months           |

A projected decline rate for each well is also addressed in Attachment No. 1 in the Explanation Legend.

**Attachment No. 2a:** Presents a map of the LGS pipeline, depicting all twenty (20) well pads (which represent all twenty-seven wells) that will tie into the LGS which will then tie into Enterprise's CDP in the SWNW of Section 36, T23N R7W. Presently, eight (7) well pads (and eight wells) have already been approved for connection to the LGS, and Encana is proposing to connect an additional twelve (12) well pads to the LGS. The LGS pipeline is approximately 45,000-feet in length, stretching across both Bureau of Land Management (BLM) and State of New Mexico Land Office (NMSLO) surface. Encana received (BLM) approval for the Lybrook Trunk #1 Pipeline on February 22, 2013 for Federal surface and NMSLO approval on September 7, 2012 for State surface.

Each well will be equipped with a continuous recording gas allocation meter (or some form of approved alternative measurement) operated and maintained by Encana. Prior to converting any gas measurement from a conventional allocation meter to an alternative measurement method, Encana will seek formal approvals. The allocation procedures, including examples of how the allocation method would be applied for each well are presented on **Attachment No. 5**.

Moreover, Condensate and oil will be separated, stored and sold at the well head SHL, which in some instances, may be off-lease. Depending on their availability Encana will enlist the services of High Tech Tools, LLC (mailing address: PO Box 1244 Aztec, NM 87410; phone number: 505-334-2266) or Three Rivers Trucking, Inc. (mailing address: PO Box 2728, Farmington, NM 87499; phone number: 505-632-5300) to transport produced water to Basin Disposal Inc. (address: 300 Legion Road, Aztec, NM 87410; phone number: 505-334-3013). Produced water will be generally measured using tank gauges.

Encana will enlist Western Refining, to transport and purchase crude oil from the off-lease SHL to the Gallup Refinery (location: I-40, Exit 39, Jamestown, NM 87347; Route 3, Box 7, Gallup, NM 87301; phone number: 505-

Encana Oil & Gas (USA) Inc.

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722-3833). Western Refining will provide a strapping table measurement for each oil tank at the facility which will be used to determine the exact volume in each tank. Run tickets will be filled out for each load of oil, onsite, which will show the tank gauge readings, oil gravity, temperature and BS&W content. Each valve on the tanks will have seals. Records will be kept and logged into an internal database that will show when seals are installed and removed. The tank seal information is also recorded on the tickets, which will accompany the transportation of the oil.

**Attachment No. 2b:** Presents the well dedication acreage for the additional nineteen (19) wells Encana is proposing to tie into the LGS as depicted on the NMOC Form C-102. Additionally, the C-102s depict the horizontal well bore path and producing interval for each of the nineteen (19) wells.

**Attachment No. 2c (Justification):** Presents a plat depicting individual well pad pipeline connection paths for all twenty (20) well pads connecting to the LGS. However, for the purposes of this application, and in accordance with the BLM's IM dated July 13, 2013, the following discussion will only apply to the proposed addition of the thirteen (13) well pads (which represent the additional nineteen wells) Encana is requesting connected to the LGS. Seven (7) well pads (eight wells) have previously been approved for connection. The Attachment No. 2c plat contemplates, as an alternative, individual well pad connections versus one (1) gathering system, namely the Lybrook Trunk #1 Gathering System (LGS). Also included, is a breakdown of pipeline length and pig launcher and receiver disturbance for each of the thirteen (13) well pads and projected costs for such an undertaking. According to our calculations individual well pad pipeline connections for the thirteen (13) additional well pads would total approximately ninety-four (94) miles in length; and, including a 40-foot width for the pipeline right-of-way the acreage disturbance would be 454.93 acres. Additionally, Encana estimates that a pig launcher and receiver would be required for the thirteen (13) individual well pad pipeline connections into Enterprise's pipeline which would also cause more surface disturbance. Encana estimates that pig launchers and receivers could potentially be 10-feet by 20-feet for each of the thirteen (13) individual well pad pipeline connections. Encana estimates that such an undertaking would cost approximately \$18.9 Million. Again, the breakdown included in Attachment No. 2c will provide more detail as to how Encana arrived at these conclusions. Currently, Encana's estimated costs for the LGS is \$5.6 Million, which includes the connection of all twenty (20) well pads.

Furthermore, all production proposed for commingling derives from the same geologic formation with similar projected gas rates and gas heating values as well as projected decline rates, which are addressed in Attachment No. 1.

In line with Encana's commitment to conduct business ethically, legally, and in a manner that is fiscally, environmentally and socially responsible, it is Encana's position that one (1) gathering system greatly reduces surface disturbance and thus environmental impact; and, is more economically feasible, allowing for potential capitol to be dedicated towards future development projects in the San Juan Basin.

**Attachment No. 3:** Presents a leasehold ownership summary for all of the twenty-seven (27) wells. The royalty interest is Federal and State. There is no Indian Royalty. The interest ownership reflected for each well is to the best of our knowledge at this time. In the event it is determined that interest ownership differs, an updated Attachment No. 3 will be sent to affected owners, the BLM and the OCD. As required by the NMOC all interest owners for the additional nineteen (19) wells that Encana is proposing to tie into the LGS have been given notice of this application.

**Attachment No. 4:** Presents a copy of the notice sent to the interest owners for the wells. All notice letters have been mailed certified, return receipt. Upon receiving the return receipts, copies will be forwarded to the NMOC. Also included, is a copy of the legal notice to be published in The Daily Times, Farmington, New Mexico on June 30<sup>th</sup> in order to provide public notice to any and all affected interest owners.

Encana Oil & Gas (USA) Inc.

370 17<sup>th</sup> Street, Suite 1700, Denver Colorado 80202 720.876.5331 (O) 303.521.2835 (C) [holly.hill@encana.com](mailto:holly.hill@encana.com)



Also included, is a copy of the legal notice to be published in The Daily Times, Farmington, New Mexico on August 11<sup>th</sup> 2013 in order to provide public notice to any and all affected interest owners in NMNM 117562, NMNM 109385 and NMNM 109390.

**Attachment No. 5:** Presents the allocation procedures for the LGS which includes an example of how the allocation method is applied. Encana proposes that the PRM be at Enterprises' CDP in the SWNW of Section 36, T23N R7W. Please also note each well proposed for connection to the LGS will be equipped with a continuous recording gas allocation meter.

**Attachment No. 6:** Presents gas lift well pad schematics and descriptions for the nineteen (19) wells that Encana is requesting to add to the LGS. Encana requests approval to claim beneficial use at the gas lift injection meter on the well pads, which is depicted for each well pad, on the gas lift schematics; which also depicts a list of proposed equipment. Encana requests the use of fuel to operate the gas lifts installed for each well.

In conclusion, Encana is requesting approval to tie-in nineteen (19) additional wells to the Lybrook Trunk #1 Gathering System (LGS). Where applicable, Encana requests Administrative Approval for Off-Lease Measurement and Sale of natural produced gas and Administrative Approval for Off-Lease Measurement, Sale and Transportation of produced crude oil and condensate. Further, as requested in the initial application we are requesting that the NMOCD order issued for amendments to the LGS also include a provision that for any future additions to the LGS, only the interest owners in the wells being added need to be notified.

Please feel free to contact me directly at 720-876-5331 with any questions or concerns.

Encana Oil & Gas (USA) Inc.

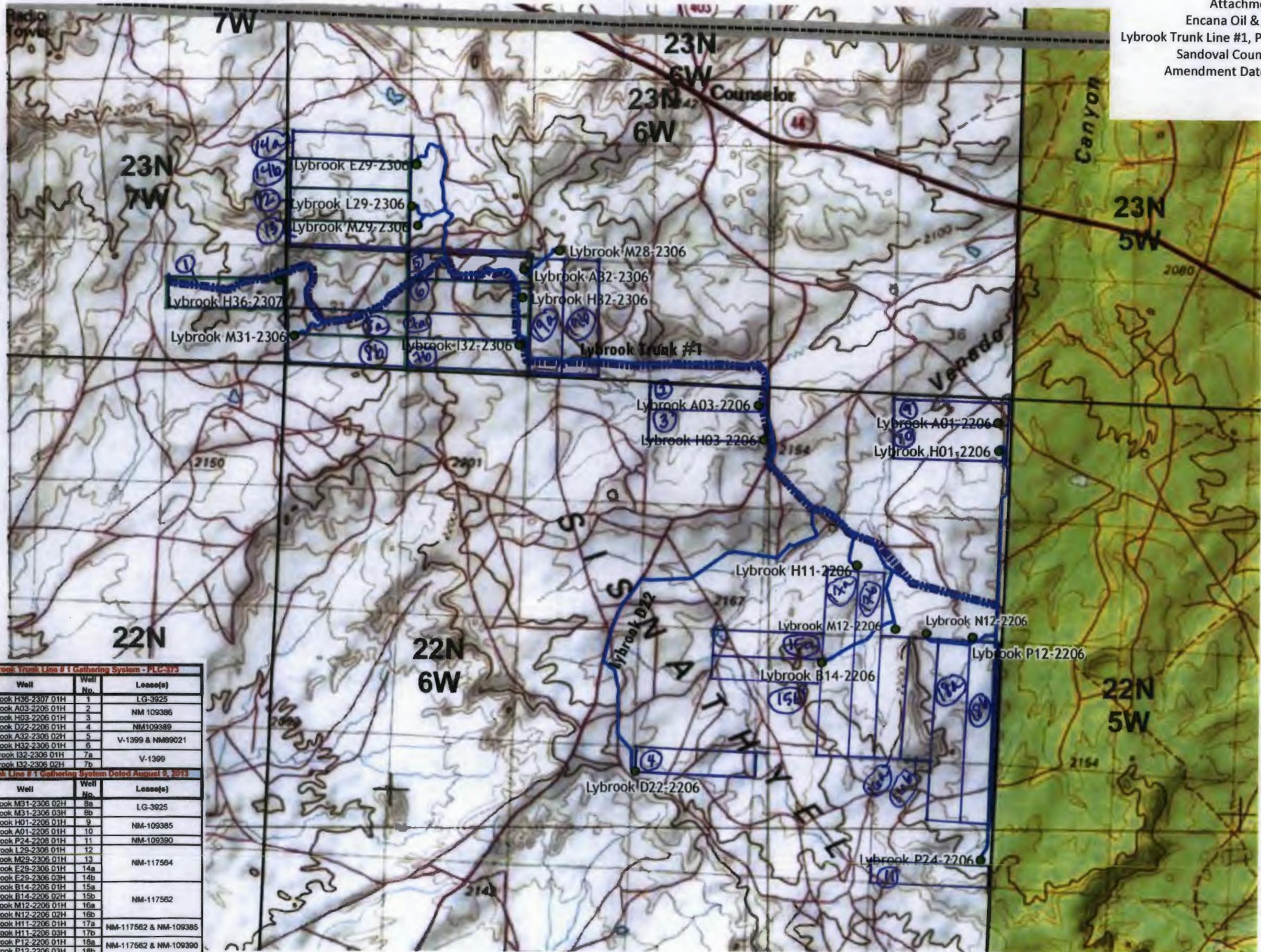
A handwritten signature in black ink that reads "Holly Hill". The signature is written in a cursive, flowing style.

Holly Hill  
Regulatory Analyst

Enc.

Encana Oil & Gas (USA) Inc.

370 17<sup>th</sup> Street, Suite 1700, Denver Colorado 80202 720.876.5331 (O) 303.521.2835 (C) [holly.hill@encana.com](mailto:holly.hill@encana.com)



Initial Application for Lybrook Trunk Line #1 Gathering System - PLC-373			
Well Pad	Well	Well No.	Lease(s)
Lybrook H36-2307 01H	Lybrook H36-2307 01H	1	LG-3925
Lybrook A03-2206 01H	Lybrook A03-2206 01H	2	NM 109386
Lybrook H03-2206 01H	Lybrook H03-2206 01H	3	NM109389
Lybrook D22-2206 01H	Lybrook D22-2206 01H	4	NM109389
Lybrook A32-2306 02H	Lybrook A32-2306 02H	5	V-1399 & NM89021
Lybrook H32-2306 01H	Lybrook H32-2306 01H	6	
Lybrook I32-2306	Lybrook I32-2306 01H	7a	V-1399
	Lybrook I32-2306 02H	7b	
Amendment to Lybrook Trunk Line #1 Gathering System Dated August 9, 2013			
Well Pad	Well	Well No.	Lease(s)
Lybrook M31-2306	Lybrook M31-2306 02H	8a	LG-3925
	Lybrook M31-2306 03H	8b	
Lybrook H01-2206 01H	Lybrook H01-2206 01H	9	NM-109385
Lybrook A01-2206 01H	Lybrook A01-2206 01H	10	NM-109390
Lybrook P24-2206 01H	Lybrook P24-2206 01H	11	NM-109390
Lybrook L29-2306 01H	Lybrook L29-2306 01H	12	
Lybrook M29-2306 01H	Lybrook M29-2306 01H	13	NM-117564
Lybrook E29-2306 01H	Lybrook E29-2306 01H	14a	
	Lybrook E29-2306 03H	14b	
Lybrook B14-2206	Lybrook B14-2206 01H	15a	
	Lybrook B14-2206 02H	15b	
	Lybrook B14-2206 03H	15c	NM-117562
Lybrook M12-2206 01H	Lybrook M12-2206 01H	16a	
Lybrook N12-2206 01H	Lybrook N12-2206 01H	16b	
Lybrook H11-2206	Lybrook H11-2206 01H	17a	NM-117562 & NM-109385
	Lybrook H11-2206 03H	17b	
Lybrook P12-2206	Lybrook P12-2206 01H	18a	NM-117562 & NM-109390
	Lybrook P12-2206 03H	18b	
Lybrook M28-2306	Lybrook M28-2306 01H	19a	
	Lybrook M28-2306 02H	19b	NM-112853

Attachment No. 2b

Encana Oil & Gas (USA) Inc.

Lybrook Trunk Line #1, Phase 1, Gathering System

Sandoval County, New Mexico

Amendment Dated August 9, 2013

Form C-102  
Revised August 1, 2011

Submit one copy to  
Appropriate District Office

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

OIL CONSERVATION DIVISION

1220 South St. Francis Drive  
Santa Fe, NM 87505

AMENDED REPORT

Well No. 8a

WELL LOCATION AND ALLEGE DEDICATION PLAT

*API Number		*Pool Code 42289		*Pool Name LYBROOK GALLUP	
*Property Code	*Property Name LYBROOK M31-2306			*Well Number 02H	
*OGRID No. 282327	*Operator Name ENCANA OIL & GAS (USA) INC.			*Elevation 7173'	

10 Surface Location

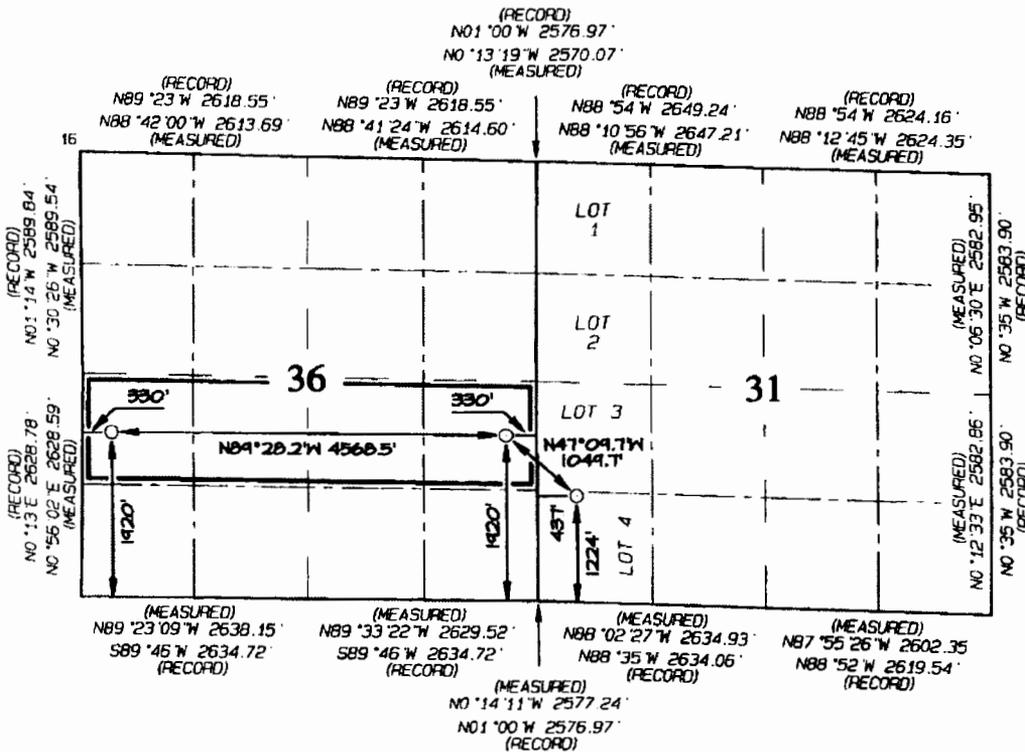
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	31	23N	6W	4	1224	SOUTH	437	WEST	SANDOVAL

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	36	23N	7W		1920	SOUTH	330	WEST	SANDOVAL

*Dedicated Acres 160.0 Acres N/2 S/2 - Section 36	*Joint or Infill	*Consolidation Code	*Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Holly Hill* Date: 8/5/13  
Printed Name: Holly Hill  
E-mail Address: holly.hill@encana.com

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: MAY 6, 2013  
Date of Survey: MARCH 23, 2012  
Signature and Seal of Professional Surveyor



JASON C. EDWARDS  
Certificate Number 15269

END-OF-LATERAL  
1920' FSL 330' FWL  
SECTION 36, T23N, R7W  
LAT: 36.18097°N  
LONG: 107.53368°W  
DATUM: NAD1927  
LAT: 36.18099°N  
LONG: 107.53429°W  
DATUM: NAD1983

POINT-OF-ENTRY  
1920' FSL 330' FWL  
SECTION 36, T23N, R7W  
LAT: 36.18102°N  
LONG: 107.51820°W  
DATUM: NAD1927  
LAT: 36.18104°N  
LONG: 107.51881°W  
DATUM: NAD1983

SURFACE LOCATION  
1224' FSL 437' FWL  
SECTION 31, T23N, R6W  
LAT: 35.17909°N  
LONG: 107.51556°W  
DATUM: NAD1927  
LAT: 35.17910°N  
LONG: 107.51617°W  
DATUM: NAD1983

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

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Appropriate District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

AMENDED REPORT

Well No. 8b

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 42289		3 Pool Name LYBROOK GALLUP	
4 Property Code		5 Property Name LYBROOK M31-2306			6 Well Number 03H
7 OGRID No. 282327		8 Operator Name ENCANA OIL & GAS (USA) INC.			9 Elevation 7173'

10 Surface Location

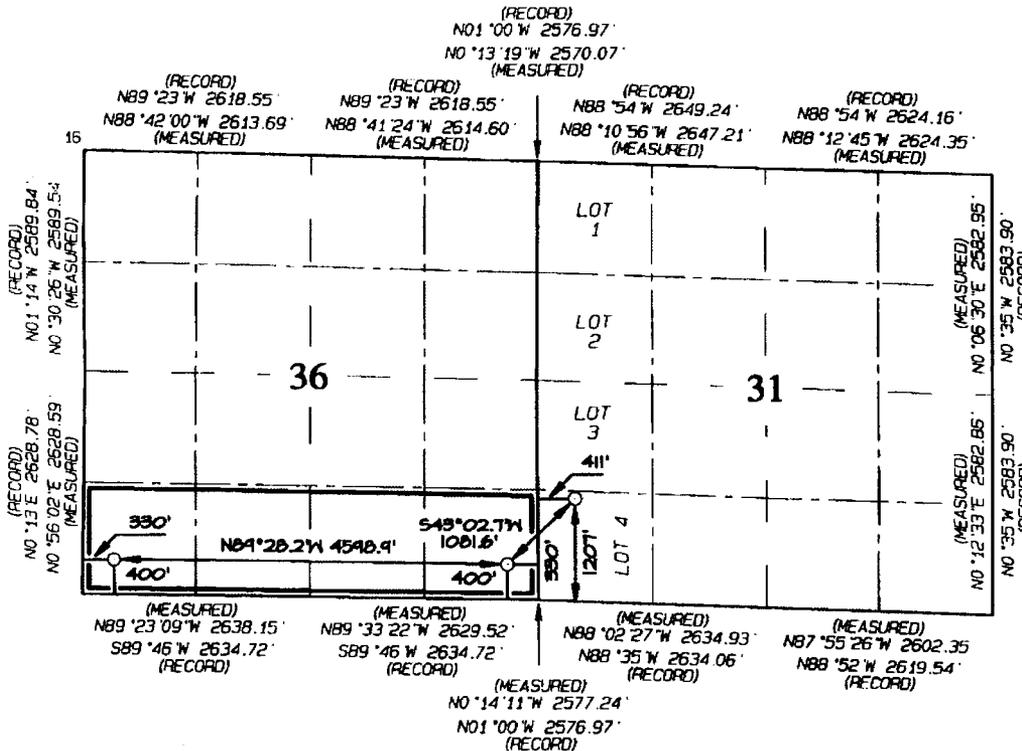
UL or lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
M	31	23N	6W	4	1207	SOUTH	411	WEST	SANDOVAL

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
M	36	23N	7W		400	SOUTH	330	WEST	SANDOVAL

12 Dedicated Acres 160.0 Acres S/2 S/2 - Section 36		13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



END-OF-LATERAL  
400' FSL 330' FEL  
SECTION 36, T23N, R7W  
LAT: 36.17680°N  
LONG: 107.53369°W  
DATUM: NAD1927  
  
LAT: 36.17681°N  
LONG: 107.53430°W  
DATUM: NAD1983

POINT-OF-ENTRY  
400' FSL 330' FEL  
SECTION 36, T23N, R7W  
LAT: 36.17685°N  
LONG: 107.51811°W  
DATUM: NAD1927  
  
LAT: 36.17686°N  
LONG: 107.51872°W  
DATUM: NAD1983

SURFACE LOCATION  
1207' FSL 411' FWL  
SECTION 31, T23N, R7W  
LAT: 36.17905°N  
LONG: 107.51565°W  
DATUM: NAD1927  
  
LAT: 36.17906°N  
LONG: 107.51625°W  
DATUM: NAD1983

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Holly Hill* 8/2/13  
Signature Date  
*Holly Hill*  
Printed Name  
*holly.hill@encana.com*  
E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: MAY 29, 2013  
Date of Survey: MARCH 23, 2012

Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

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1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form O-10  
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Appropriate District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 9

AMENDED REPORT

WELL LOCATION AND ACHEAGE DEDICATION PLAT

*API Number		*Pool Code 42289	*Pool Name LYBROOK GALLUP	
*Property Code	*Property Name LYBROOK A01-2205		*Well Number 01H	
*OSRI# No 282327	*Operator Name ENCANA OIL & GAS (USA) INC.		*Elevation 6880'	

<sup>10</sup> Surface Location

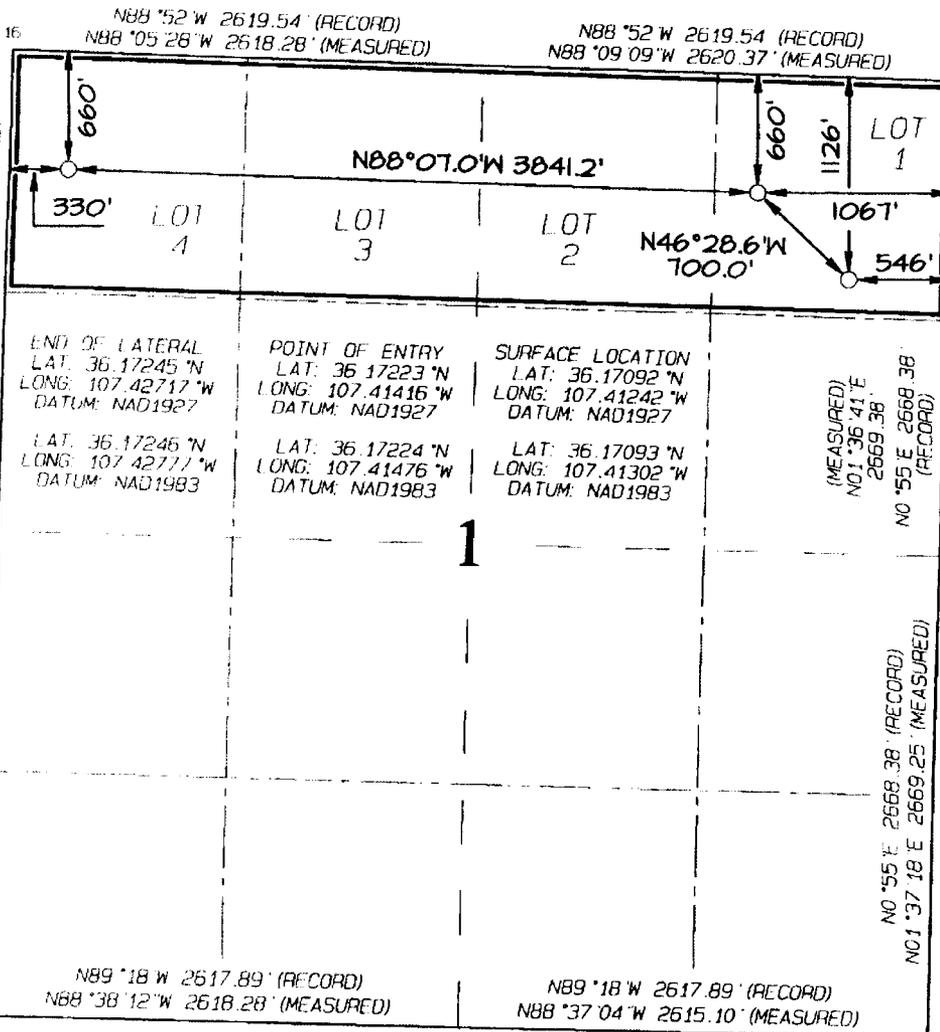
UL of lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	1	22N	6W		1126	NORTH	546	EAST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UL of lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	1	22N	6W		650	NORTH	330	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres 161.40 Acres - (N/2 N/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Signature: *Holly Hill* Date: 8/9/13

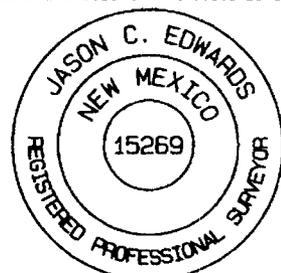
Printed Name: Holly Hill  
E-mail Address: holly.hill@encana.com

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 23, 2013  
Date of Survey: AUGUST 24, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS  
Certificate Number 15269

District I  
1625 N. French Drive Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

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Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 475-3460 Fax: (505) 475-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

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OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 10

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 42289		*Pool Name LYBROOK GALLUP	
*Property Code		*Property Name LYBROOK H01-2206			*Well Number 01H
*OGRID No. 282327		*Operator Name ENCANA OIL & GAS (USA) INC.			*Elevation 6931'

<sup>10</sup> Surface Location

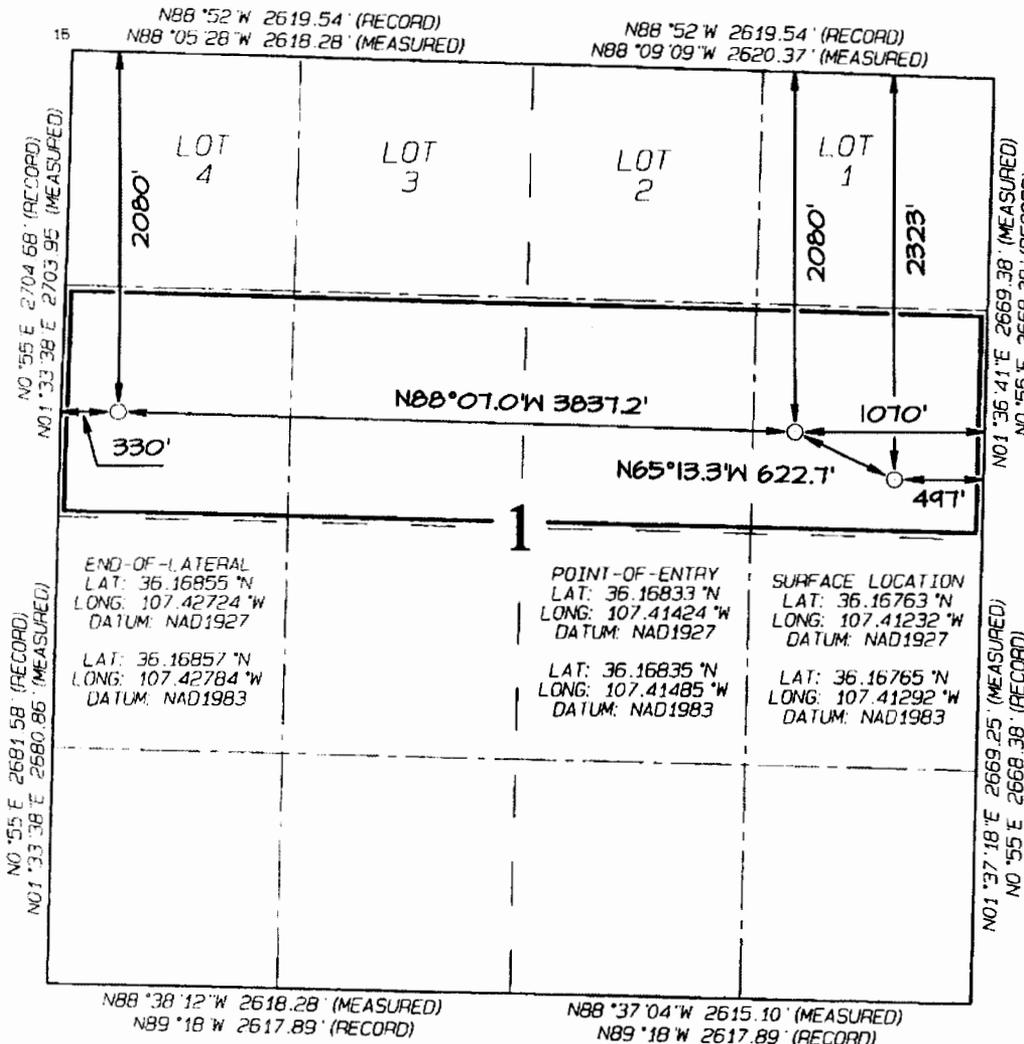
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	1	22N	6W		2323	NORTH	497	EAST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	1	22N	6W		2080	NORTH	330	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres 160.0 Acres - (S/2 N/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	-------------------------------	----------------------------------	-------------------------

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**17 OPERATOR CERTIFICATION:**  
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Signature: Holly Hill Date: 8/9/13  
Printed Name: Holly Hill  
E-mail Address: holly.hill@encana.com

**18 SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 23, 2013  
Date of Survey: AUGUST 24, 2012

Signature and Seal of Professional Surveyor

**JASON C. EDWARDS**  
Certificate Number 15269

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to  
Appropriate District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 11

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name WILDCAT (GALLUP)	
<sup>4</sup> Property Code		<sup>5</sup> Property Name LYBROOK P24-2206			<sup>6</sup> Well Number 01H
<sup>7</sup> OGRID No 282327		<sup>8</sup> Operator Name ENCANA OIL & GAS (USA) INC.			<sup>9</sup> Elevation 7178'

<sup>10</sup> Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	24	22N	6W		1059	SOUTH	449	EAST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

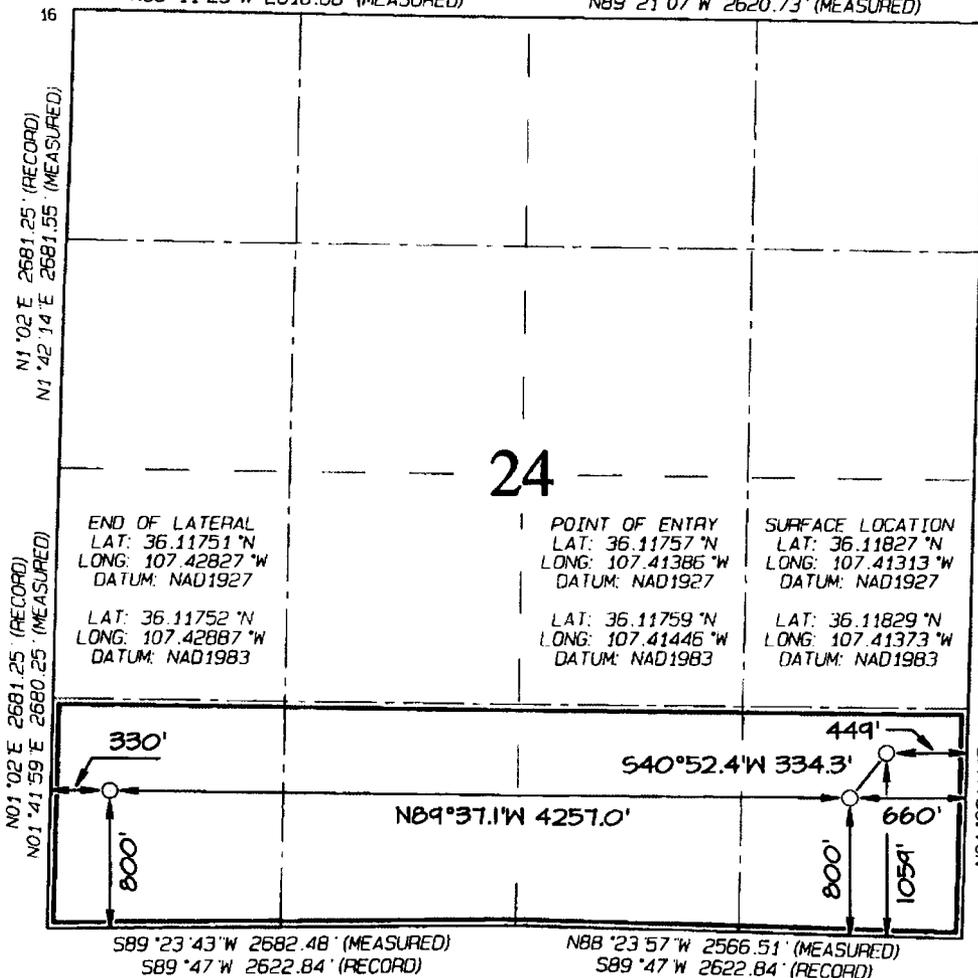
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	24	22N	6W		800	SOUTH	330	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres 160.0 Acres - (S/2 S/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

N89°52'W 2620.86' (RECORD)  
N89°11'29"W 2616.88' (MEASURED)

N89°52'W 2620.86' (RECORD)  
N89°21'07"W 2620.73' (MEASURED)



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Holly Hill* 8/9/13  
Signature Date  
*Holly Hill*  
Printed Name  
*holly.hill@encana.com*  
E-mail Address

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: AUGUST 24, 2012

Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**

Certificate Number 15269

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
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Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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Form C-102  
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Appropriate District Office

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1220 South St. Francis Drive  
Santa Fe, NM 87505

AMENDED REPORT

Well No. 12

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 42289	*Pool Name LYBROOK GALLUP
*Property Code	*Property Name LYBROOK L29-2306		*Well Number 01H
*GRID No. 282327	*Operator Name ENCANA OIL & GAS (USA) INC.		*Elevation 7144'

<sup>10</sup> Surface Location

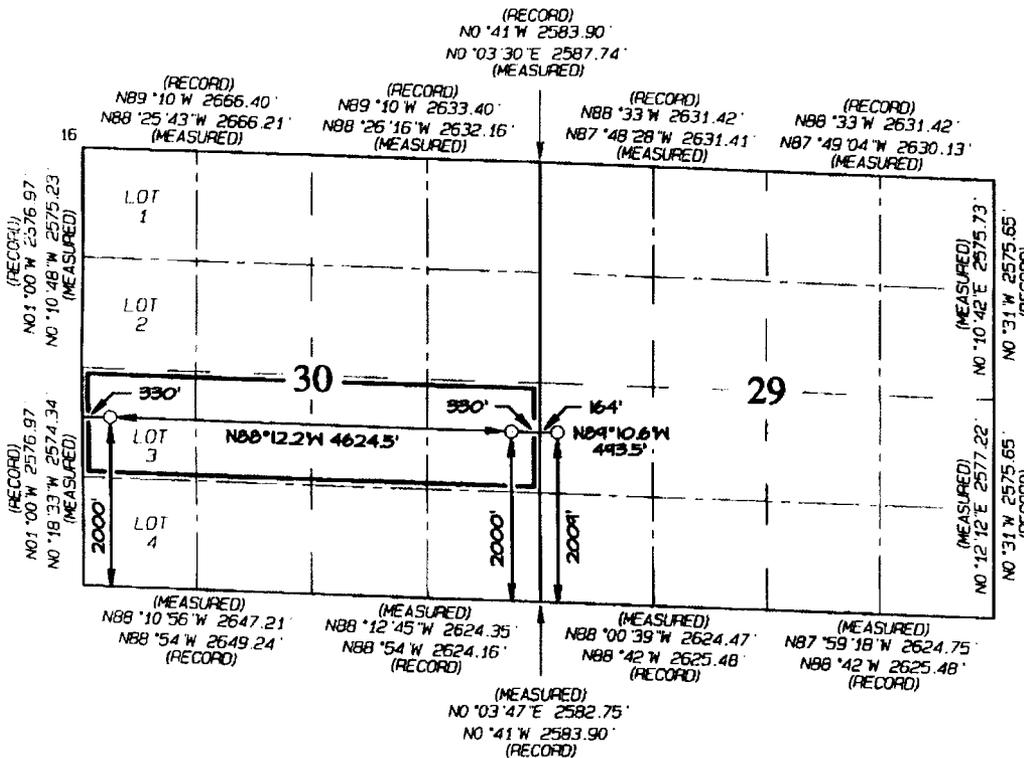
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	29	23N	6W		2009	SOUTH	164	WEST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	30	23N	6W	3	2000	SOUTH	330	WEST	SANDOVAL

*Dedicated Acres 160.85 Acres N/2 S/2 - Section 30	*Joint or Infill	*Consolidation Code	*Order No.
--	------------------	---------------------	------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Holly Hill 8/9/13  
Signature Date  
Holly Hill  
Printed Name  
holly.hill@encana.com  
E-mail Address

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: MARCH 26, 2013

Signature and Seal of Professional Surveyor



JASON C. EDWARDS  
Certificate Number 15269

END-OF-LATERAL 2000' FSL 330' FWL SECTION 30, T23N, R6W LAT: 36.19537' N LONG: 107.51628' W DATUM: NAD1927 LAT: 36.19538' N LONG: 107.51688' W DATUM: NAD1983	POINT-OF-ENTRY 2000' FSL 330' FEL SECTION 30, T23N, R6W LAT: 36.19513' N LONG: 107.50061' W DATUM: NAD1927 LAT: 36.19515' N LONG: 107.50121' W DATUM: NAD1983	SURFACE LOCATION 2009' FSL 164' FWL SECTION 29, T23N, R6W LAT: 36.19513' N LONG: 107.49894' W DATUM: NAD1927 LAT: 36.19515' N LONG: 107.49954' W DATUM: NAD1983
---	---	---

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to  
Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive  
Santa Fe, NM 87505

Well No. 13

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code		*Pool Name	
		42289 / 97232		LYBROOK GALLUP / BASIN MANCOS	
*Property Code		*Property Name			*Well Number
		LYBROOK M29-2306			01H
*GRID No.		*Operator Name			*Elevation
282327		ENCANA OIL & GAS (USA) INC.			7187'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	23N	6W		1150	SOUTH	435	WEST	SANDOVAL

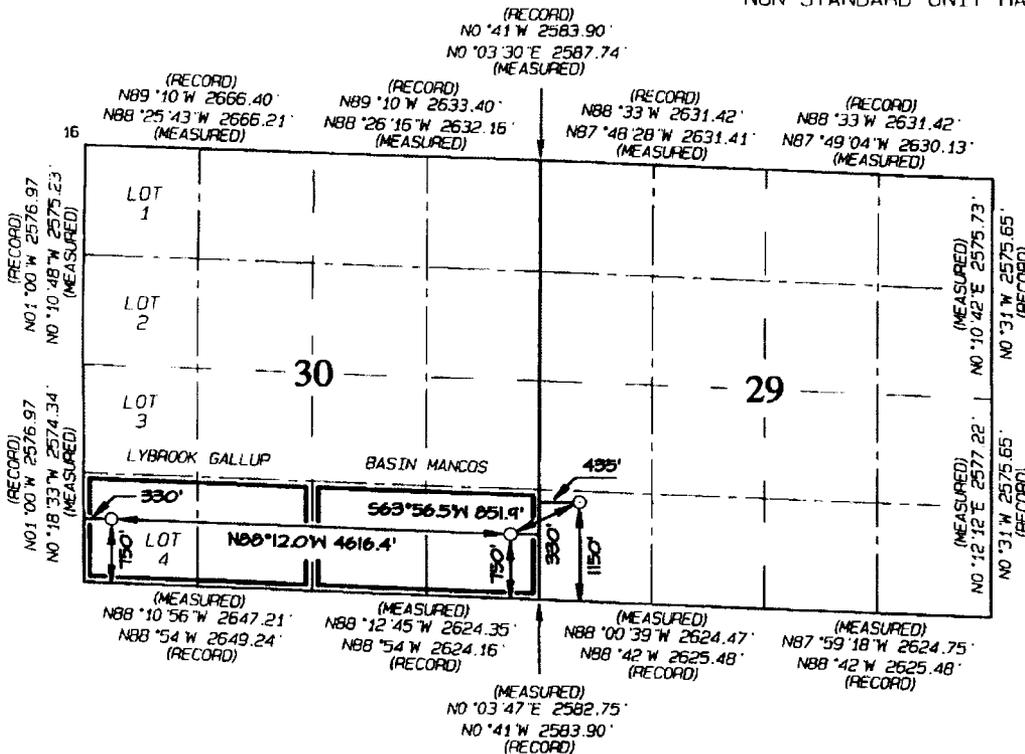
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	30	23N	6W		750	SOUTH	330	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres					<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.
160.79 Acres S/2 S/2 - Section 30									

80.79 Acres - (S/2 SW/4) Lybrook Gallup  
80.00 Acres - (S/2 SE/4) Basin Mancos

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION  
UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Holly Hill Date: 8/9/13

Printed Name: Holly Hill

E-mail Address: holly.hill@encana.com

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: MAY 22, 2013  
Date of Survey: MARCH 27, 2013

Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269

END-OF-LATERAL  
750' FSL 330' FWL  
SECTION 30, T23N, R6W  
LAT: 36.19193°N  
LONG: 107.51620°W  
DATUM: NAD1927

POINT-OF-ENTRY  
750' FSL 330' FWL  
SECTION 30, T23N, R6W  
LAT: 36.19170°N  
LONG: 107.50056°W  
DATUM: NAD1927

SURFACE LOCATION  
1150' FSL 435' FWL  
SECTION 29, T23N, R6W  
LAT: 36.19275°N  
LONG: 107.49798°W  
DATUM: NAD1927

LAT: 36.19171°N  
LONG: 107.50116°W  
DATUM: NAD1983

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
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State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
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OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

AMENDED REPORT

Well No. 14a

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 42289		*Pool Name LYBROOK GALLUP	
*Property Code		*Property Name LYBROOK E29-2306			*Well Number 01H
*GRID No. 282327		*Operator Name ENCANA OIL & GAS (USA) INC.			*Elevation 7080'

<sup>10</sup> Surface Location

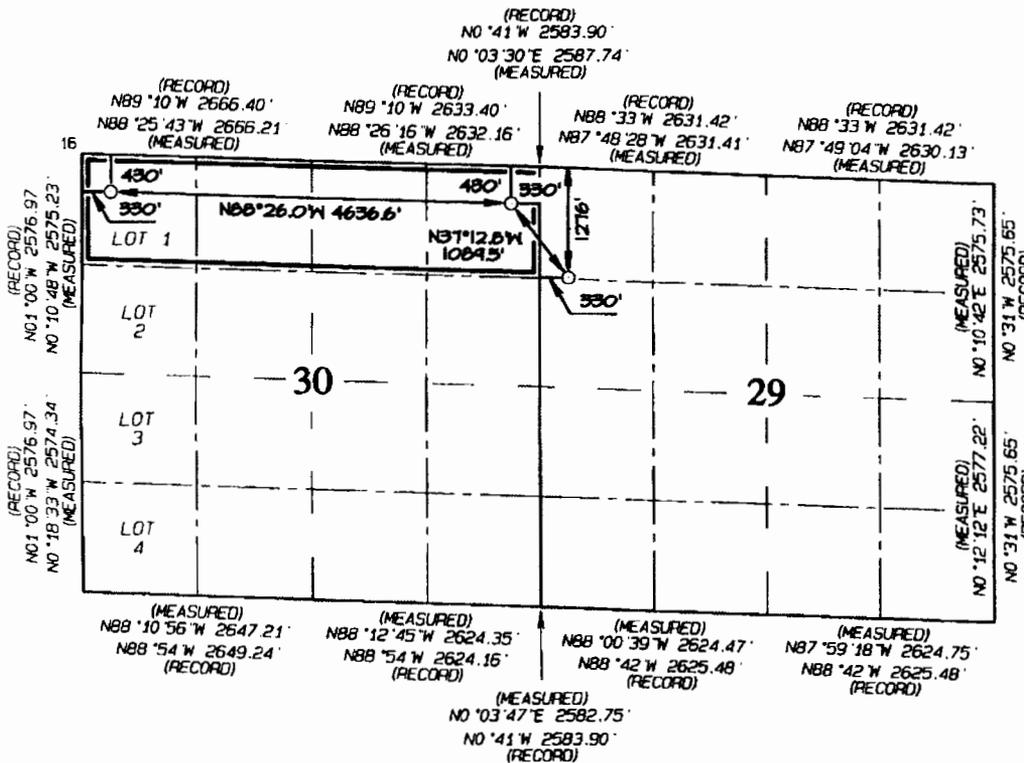
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	23N	6W		1276	NORTH	330	WEST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	30	23N	6W		430	NORTH	330	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres 160.97 Acres N/2 N/2 - Section 30	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

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*Jason Hill*  
Signature Date 8/9/13  
Printed Name Jason Hill  
E-mail Address jason.hill@encana.com

<sup>18</sup> SURVEYOR CERTIFICATION  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Survey Date: SEPTEMBER 25, 2012  
Signature and Seal of Professional Surveyor



JASON C. EDWARDS  
Certificate Number 15269

END-OF-LATERAL  
430' FNL, 330' FWL  
SECTION 30, T23N, R6W  
LAT: 36.20284°N  
LONG: 107.51643°W  
DATUM: NAD1927

POINT-OF-ENTRY  
430' FNL, 330' FEL  
SECTION 30, T23N, R6W  
LAT: 36.20266°N  
LONG: 107.50072°W  
DATUM: NAD1927

SURFACE LOCATION  
1276' FNL, 330' FWL  
SECTION 29, T23N, R6W  
LAT: 36.20030°N  
LONG: 107.49845°W  
DATUM: NAD1927

LAT: 36.20285°N  
LONG: 107.51703°W  
DATUM: NAD1983

LAT: 36.20267°N  
LONG: 107.50132°W  
DATUM: NAD1983

LAT: 36.20031°N  
LONG: 107.49905°W  
DATUM: NAD1983

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to  
Appropriate District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

AMENDED REPORT

Well No. 14b

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 42289		*Pool Name LYBROOK GALLUP	
*Property Code		*Property Name LYBROOK E29-2306			*Well Number 03H
*OGRID No. 282327		*Operator Name ENCANA OIL & GAS (USA) INC.			*Elevation 7080'

<sup>10</sup> Surface Location

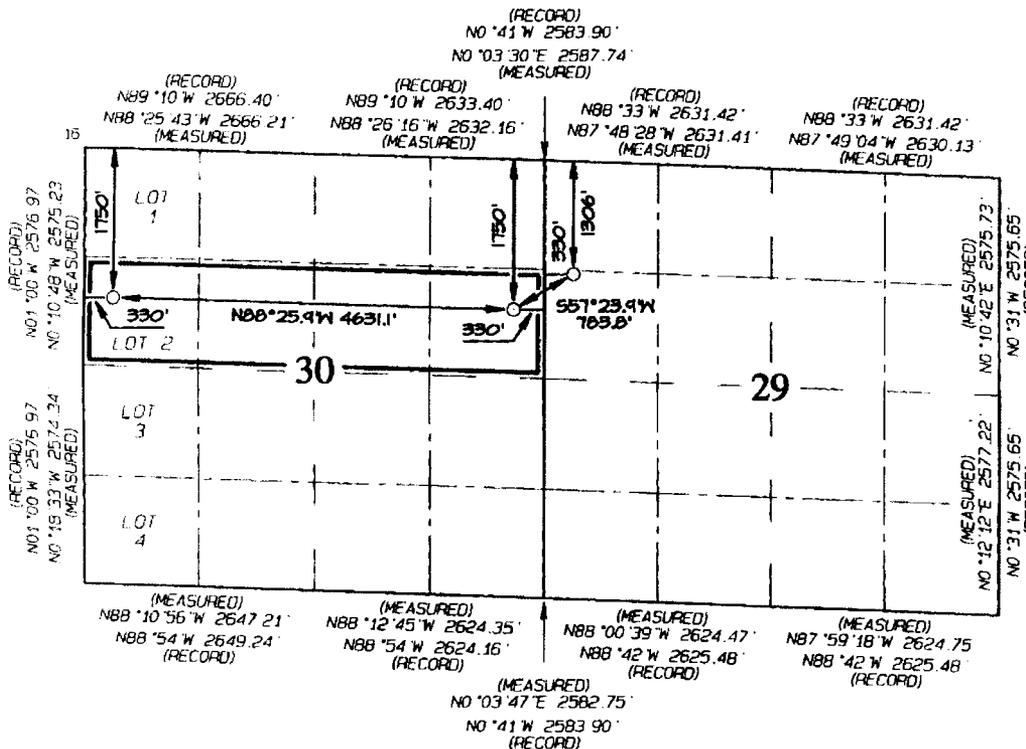
U. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	29	23N	6W		1306	NORTH	330	WEST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

U. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	30	23N	6W	2	1750	NORTH	330	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres 160.91 Acres S/2 N/2 - Section 30	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



END-OF-LATERAL  
1750' FNL 330' FWL  
SECTION 30, T23N, R6W  
LAT: 36.19921°N  
LONG: 107.51636°W  
DATUM: NAD1927

LAT: 36.19923°N  
LONG: 107.51696°W  
DATUM: NAD1983

POINT-OF-ENTRY  
1750' FNL 330' FWL  
SECTION 30, T23N, R6W  
LAT: 36.19903°N  
LONG: 107.50067°W  
DATUM: NAD1927

LAT: 36.19905°N  
LONG: 107.50127°W  
DATUM: NAD1983

SURFACE LOCATION  
1306' FNL 330' FWL  
SECTION 29, T23N, R6W  
LAT: 36.20021°N  
LONG: 107.49845°W  
DATUM: NAD1927

LAT: 36.20023°N  
LONG: 107.49905°W  
DATUM: NAD1983

<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Holly Hill* Date: 8/7/13

Printed Name: Holly Hill

E-mail address: holly.hill@encana.com

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: AUGUST 2, 2013  
Survey Date: SEPTEMBER 25, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS  
Certificate Number 15269

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone (575) 748-1283 Fax: (575) 748-9720

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District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone (505) 476-3460 Fax: (505) 476-3462

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Energy, Minerals & Natural Resources Department

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Appropriate District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 15a

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code 42289	*Pool Name LYBROOK GALLUP
*Property Code	*Property Name LYBROOK B14-2206	*Well Number 01H
*GRID No. 282327	*Operator Name ENCANA OIL & GAS (USA) INC.	*Elevation 7108

<sup>10</sup> Surface Location

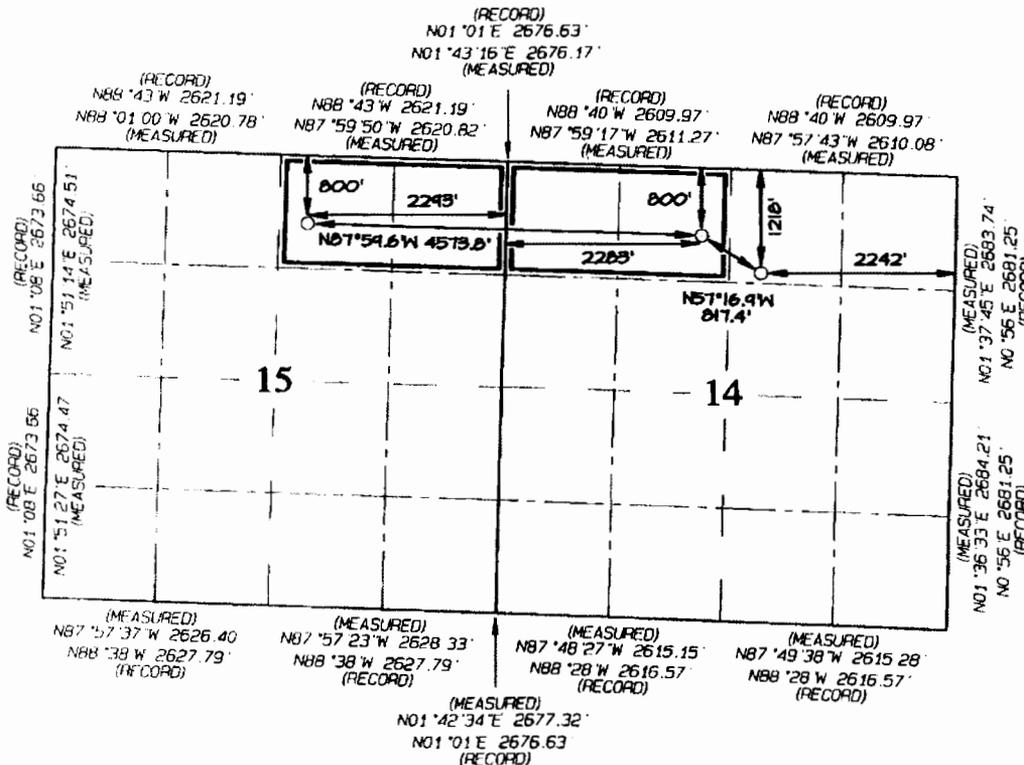
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	22N	6W		1218	NORTH	2242	EAST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	15	22N	6W		800	NORTH	2293	EAST	SANDOVAL

<sup>12</sup> Dedicated Acres 160.0 Acres	N/2 NW/4 - Section 14 N/2 NE/4 - Section 15	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	--	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Holly Hill* Date: 8/9/13  
Printed Name: Holly Hill  
E-mail address: holly.hill@encana.com

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: JULY 10, 2013  
Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269

END-OF-LATERAL  
800' FNL 2293' FEL  
SECTION 15, T22N, R6W  
LAT: 36.14304°N  
LONG: 107.45430°W  
DATUM: NAD1927  
LAT: 36.14305°N  
LONG: 107.45491°W  
DATUM: NAD1983

POINT-OF-ENTRY  
800' FNL 2283' FWL  
SECTION 14, T22N, R6W  
LAT: 36.14275°N  
LONG: 107.43882°W  
DATUM: NAD1927  
LAT: 36.14277°N  
LONG: 107.43942°W  
DATUM: NAD1983

SURFACE LOCATION  
1218' FNL 2242' FEL  
SECTION 14, T22N, R6W  
LAT: 36.14156°N  
LONG: 107.43647°W  
DATUM: NAD1927  
LAT: 36.14158°N  
LONG: 107.43708°W  
DATUM: NAD1983

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone (575) 393-6161 Fax: (575) 393-0720

District II  
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Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
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Form C-102  
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OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 15b

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code	*Pool Name
		42289	LYBROOK GALLUP
*Property Code	*Property Name		*Well Number
	LYBROOK B14-2206		02H
*GRID No.	*Operator Name		*Elevation
282327	ENCANA OIL & GAS (USA) INC.		7108

<sup>10</sup> Surface Location

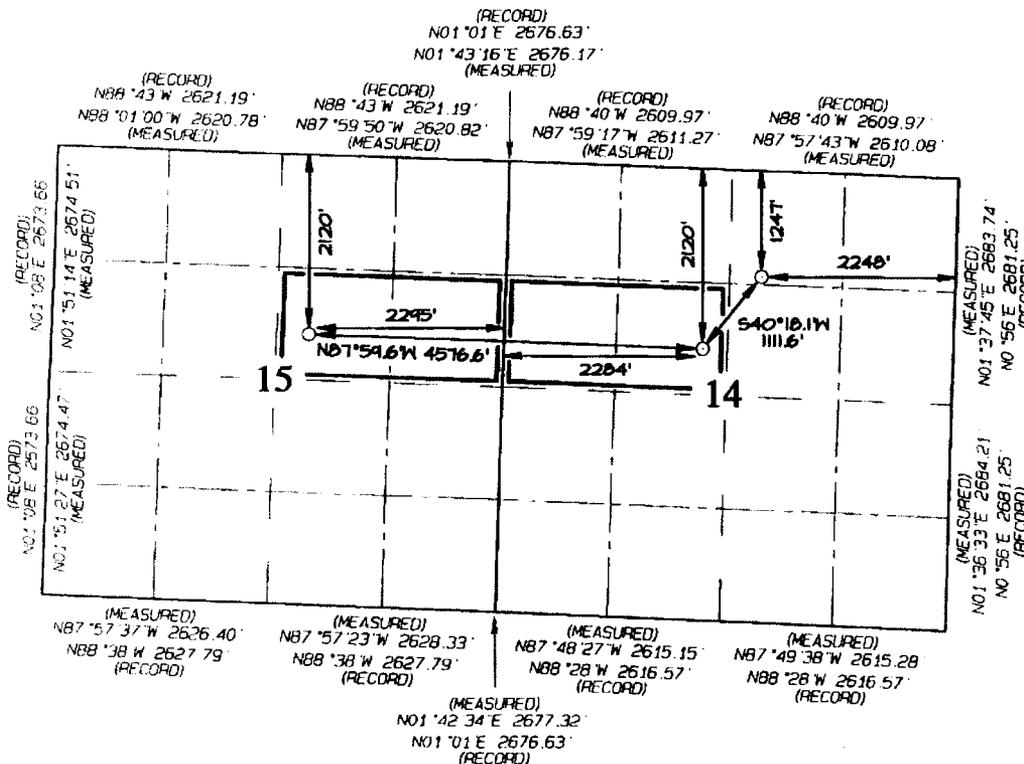
UA or Lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	22N	6W		1247	NORTH	2248	EAST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UA or Lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	15	22N	6W		2120	NORTH	2295	EAST	SANDOVAL

<sup>12</sup> Dedicated Acres	S/2 NW/4 - Section 14 S/2 NE/4 - Section 15	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
160.0 Acres				

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END-OF-LATERAL  
2120' FNL 2295' FEL  
SECTION 15, T22N, R6W  
LAT: 36.13941°N  
LONG: 107.45439°W  
DATUM: NAD1927

POINT-OF-ENTRY  
2120' FNL 2284' FNL  
SECTION 14, T22N, R6W  
LAT: 36.13913°N  
LONG: 107.43890°W  
DATUM: NAD1927

SURFACE LOCATION  
1247' FNL 2248' FEL  
SECTION 14, T22N, R6W  
LAT: 36.14148°N  
LONG: 107.43650°W  
DATUM: NAD1927

LAT: 36.13943°N  
LONG: 107.45499°W  
DATUM: NAD1983

LAT: 36.13914°N  
LONG: 107.43950°W  
DATUM: NAD1983

LAT: 36.14150°N  
LONG: 107.43710°W  
DATUM: NAD1983

**17 OPERATOR CERTIFICATION**  
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Signature: *Holly Hill* Date: 8/9/13  
Printed Name: Holly Hill  
E-mail Address: holly.hill@encana.com

**18 SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

Date of Survey: JULY 10, 2013  
Signature and Seal of Professional Surveyor



JASON C. EDWARDS  
Certificate Number 15269

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

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Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3450 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
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Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 16a

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 42289	*Pool Name LYBROOK GALLUP
*Property Code	*Property Name LYBROOK M12-2206		*Well Number 01H
*OGRID No. 282327	*Operator Name ENCANA OIL & GAS (USA) INC.		*Elevation 7085'

<sup>10</sup> Surface Location

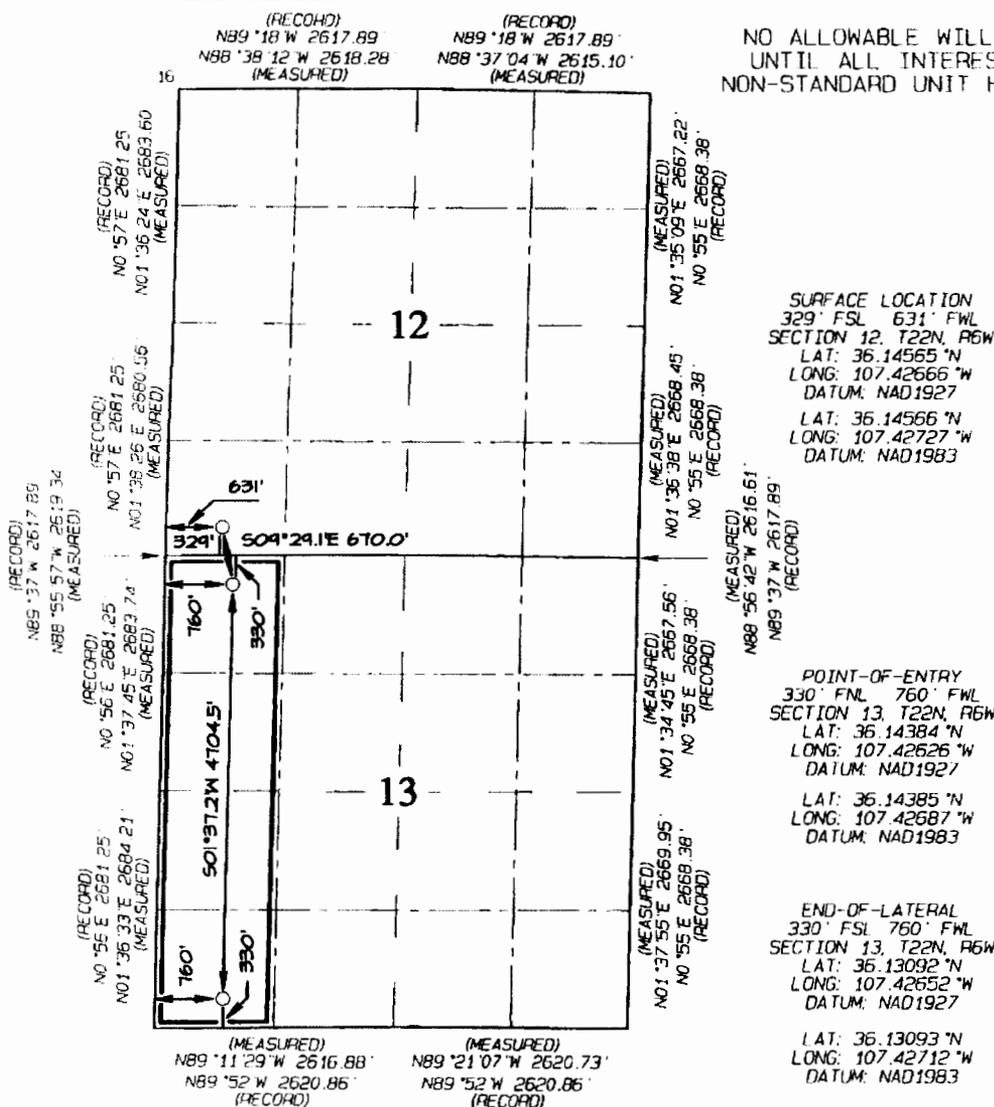
UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
M	12	22N	6W		329	SOUTH	631	WEST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
M	13	22N	6W		330	SOUTH	760	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres 160.00 Acres W/2 W/2 - Section 13	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION  
UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Holly Hill* Date: 8/9/13  
Printed Name: Holly Hill  
E-mail Address: holly.hill@encana.com

**18 SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 23, 2013  
Date of Survey: MARCH 27, 2013

Signature and Seal of Professional Surveyor

**JASON C. EDWARDS**  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
15269

**JASON C. EDWARDS**  
Certificate Number 15269

District I  
1625 N French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

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Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 16b

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 42289	*Pool Name LYBROOK GALLUP
*Property Code	*Property Name LYBROOK N12-2206		*Well Number 01H
*GRID No 282327	*Operator Name ENCANA OIL & GAS (USA) INC.		*Elevation 7133'

<sup>10</sup> Surface Location

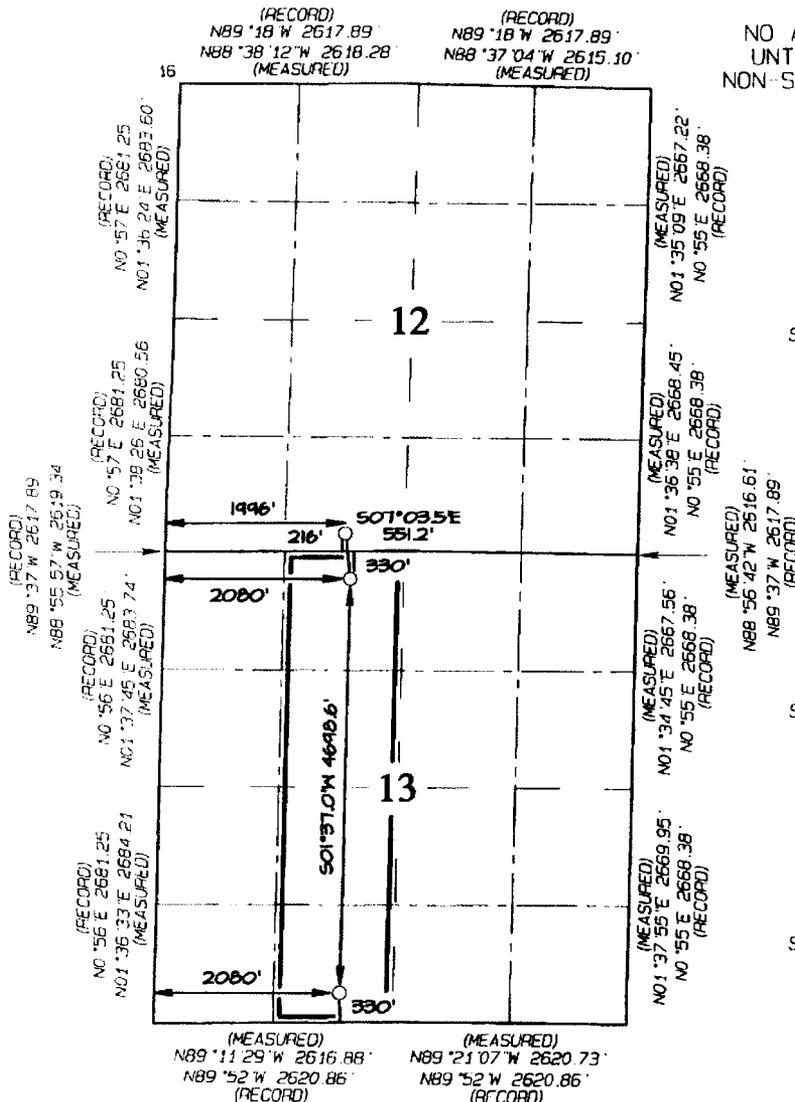
UL or lot no	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
N	12	22N	6W		216	SOUTH	1996	WEST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
N	13	22N	6W		330	SOUTH	2080	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres 160.00 Acres E/2 W/2 - Section 13	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION  
UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**SURFACE LOCATION**  
216' FSL 1996' FWL  
SECTION 12, T22N, R6W  
LAT: 36.14531°N  
LONG: 107.42205°W  
DATUM: NAD1927  
LAT: 36.14533°N  
LONG: 107.42265°W  
DATUM: NAD1983

**POINT-OF-ENTRY**  
330' FNL 2080' FWL  
SECTION 13, T22N, R6W  
LAT: 36.14381°N  
LONG: 107.42180°W  
DATUM: NAD1927  
LAT: 36.14383°N  
LONG: 107.42240°W  
DATUM: NAD1983

**END-OF-LATERAL**  
330' FSL 2080' FWL  
SECTION 13, T22N, R6W  
LAT: 36.13091°N  
LONG: 107.42205°W  
DATUM: NAD1927  
LAT: 36.13093°N  
LONG: 107.42266°W  
DATUM: NAD1983

<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

*Holly Hill* 8/9/13  
Signature Date  
*Holly Hill*  
Printed Name  
*holly.hill@encana.com*  
E-mail Address

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

Date Revised: JULY 23, 2013  
Date of Survey: MARCH 28, 2013  
Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

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1000 Rio Brazos Road, Aztec, NM 87410  
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District IV  
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Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to  
Appropriate District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 17a

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code 42289	*Pool Name LYBROOK GALLUP
*Property Code	*Property Name LYBROOK H11-2206	*Well Number 01H
*OGRID No 282327	*Operator Name ENCANA OIL & GAS (USA) INC.	*Elevation 7001'

<sup>10</sup> Surface Location

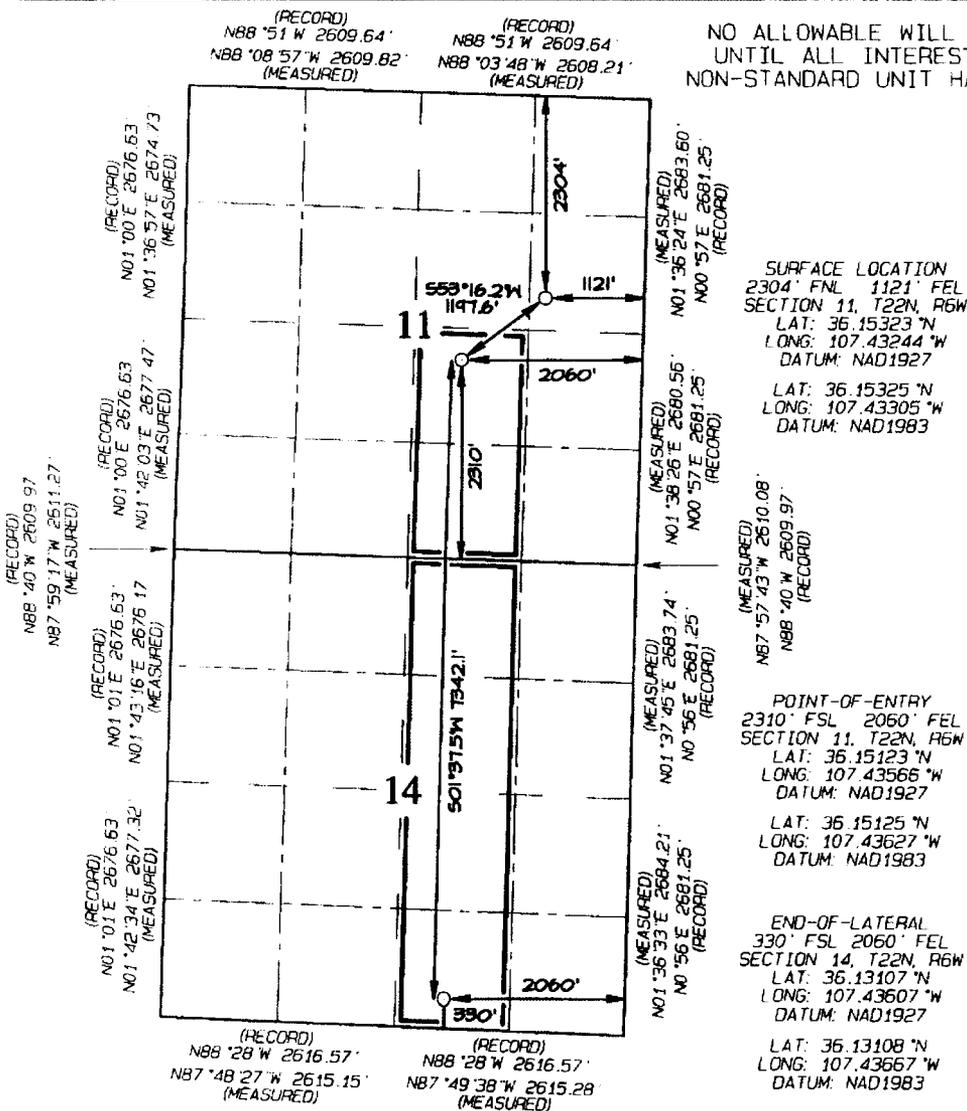
Ul. or lot no	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
H	11	22N	6W		2304	NORTH	1121	EAST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

Ul. or lot no	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
0	14	22N	6W		330	SOUTH	2060	EAST	SANDOVAL

<sup>12</sup> Dedicated Acres 240.0 Acres	W/2 SE/4 - Section 11 W/2 E/2 - Section 14	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	---	-------------------------------	----------------------------------	-------------------------

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UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

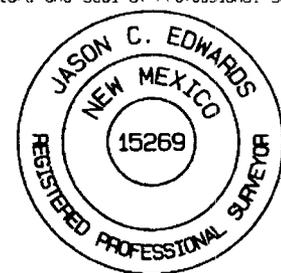
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Holly Hill* 8/9/13  
Signature Date  
*Holly Hill*  
Printed Name  
holly.hill@encana.com  
E-mail address

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 23, 2013  
Survey Date: SEPTEMBER 21, 2012  
Signature and Seal of Professional Surveyor



*JASON C. EDWARDS*  
Certificate Number 15269

SURFACE LOCATION  
2304' FNL 1121' FEL  
SECTION 11, T22N, R6W  
LAT: 36.15323°N  
LONG: 107.43244°W  
DATUM: NAD1927  
LAT: 36.15325°N  
LONG: 107.43305°W  
DATUM: NAD1983

POINT-OF-ENTRY  
2310' FSL 2060' FEL  
SECTION 14, T22N, R6W  
LAT: 36.15123°N  
LONG: 107.43566°W  
DATUM: NAD1927  
LAT: 36.15125°N  
LONG: 107.43627°W  
DATUM: NAD1983

END-OF-LATERAL  
330' FSL 2060' FEL  
SECTION 14, T22N, R6W  
LAT: 36.13107°N  
LONG: 107.43607°W  
DATUM: NAD1927  
LAT: 36.13108°N  
LONG: 107.43667°W  
DATUM: NAD1983

District I  
1525 N. French Drive, Hobbs, NM 88240  
Phone (575) 393-6161 Fax: (575) 393-0720

District II  
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State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to  
Appropriate District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 17b

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*APJ Number		*Pool Code 42289		*Pool Name LYBROOK GALLUP	
*Property Code		*Property Name LYBROOK H11-2206			*Well Number 03H
*OGHD No 282327		*Operator Name ENCANA OIL & GAS (USA) INC.			*Elevation 7001

<sup>10</sup> Surface Location

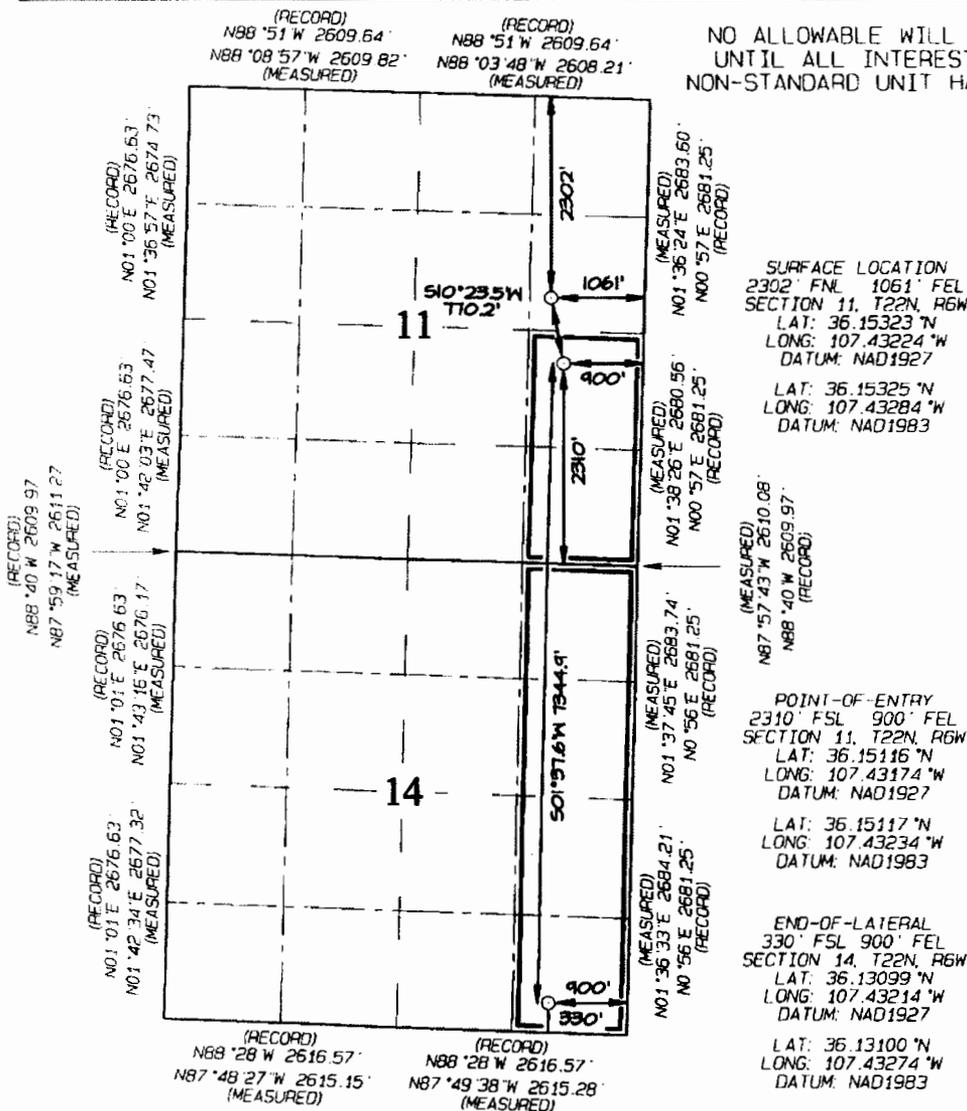
Ul. or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	11	22N	6W		2302	NORTH	1061	EAST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

Ul. or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	14	22N	6W		330	SOUTH	900	EAST	SANDOVAL

<sup>12</sup> Dedicated Acres 240.0 Acres		E/2 SE/4 - Section 11 E/2 E/2 - Section 14		<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION  
UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Holly Hill* 8/9/13  
Signature Date  
*Holly Hill*  
Printed Name  
holly.hill@encana.com  
E-mail address

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 23, 2013  
Survey Date: SEPTEMBER 21, 2012

Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to  
Appropriate District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 18a

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 42289	*Pool Name LYBROOK GALLUP
*Property Code	*Property Name LYBROOK P12-2206		*Well Number 01H
*OBRID No 282327	*Operator Name ENCANA OIL & GAS (USA) INC.		*Elevation 7051

<sup>10</sup> Surface Location

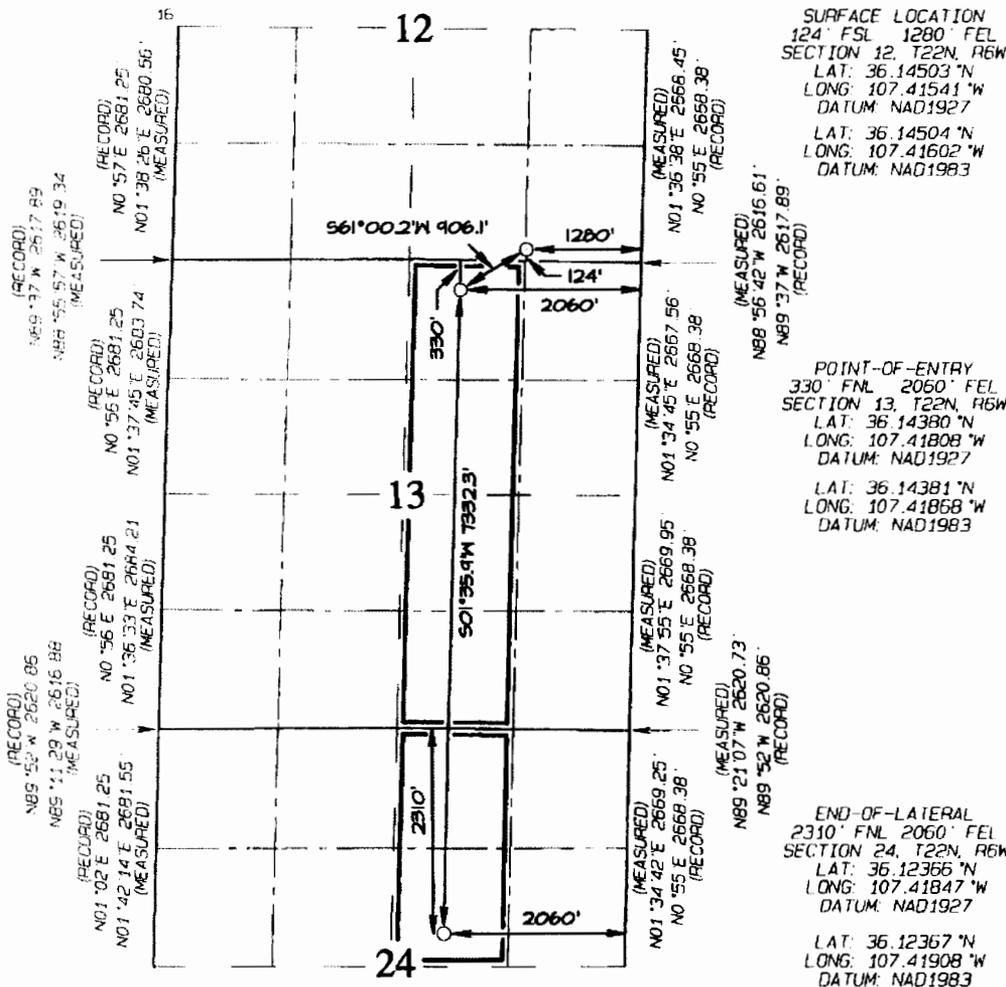
1/4 or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	12	22N	6W		124	SOUTH	1280	EAST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

1/4 or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	24	22N	6W		2310	NORTH	2060	EAST	SANDOVAL

<sup>12</sup> Dedicated Acres 240.0 Acres W/2 E/2 - Section 13 240.0 Acres W/2 NE/4 - Section 24	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



SURFACE LOCATION  
124' FSL 1280' FEL  
SECTION 12, T22N, R6W  
LAT: 36.14503°N  
LONG: 107.41541°W  
DATUM: NAD1927  
LAT: 36.14504°N  
LONG: 107.41602°W  
DATUM: NAD1983

POINT-OF-ENTRY  
330' FNL 2060' FEL  
SECTION 13, T22N, R6W  
LAT: 36.14380°N  
LONG: 107.41808°W  
DATUM: NAD1927  
LAT: 36.14381°N  
LONG: 107.41868°W  
DATUM: NAD1983

END-OF-LATERAL  
2310' FNL 2060' FEL  
SECTION 24, T22N, R6W  
LAT: 36.12366°N  
LONG: 107.41847°W  
DATUM: NAD1927  
LAT: 36.12367°N  
LONG: 107.41908°W  
DATUM: NAD1983

<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Holly Hill* 8/9/13  
Signature Date  
*Holly Hill*  
Printed Name  
*holly.hill@encana.com*  
E-mail Address

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 23, 2013  
Date of Survey: MAY 16, 2013  
Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269



District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone (575) 393-6161 Fax (575) 393-0720

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C 102  
Revised August 1, 2011

Submit one copy to  
Appropriate District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
Well No. 19a

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 42289		*Pool Name LYBROOK GALLUP	
*Property Code		*Property Name LYBROOK M28-2306			*Well Number 01H
*OGPIID No 282327		*Operator Name ENCANA OIL & GAS (USA) INC.			*Elevation 7220

<sup>10</sup> Surface Location

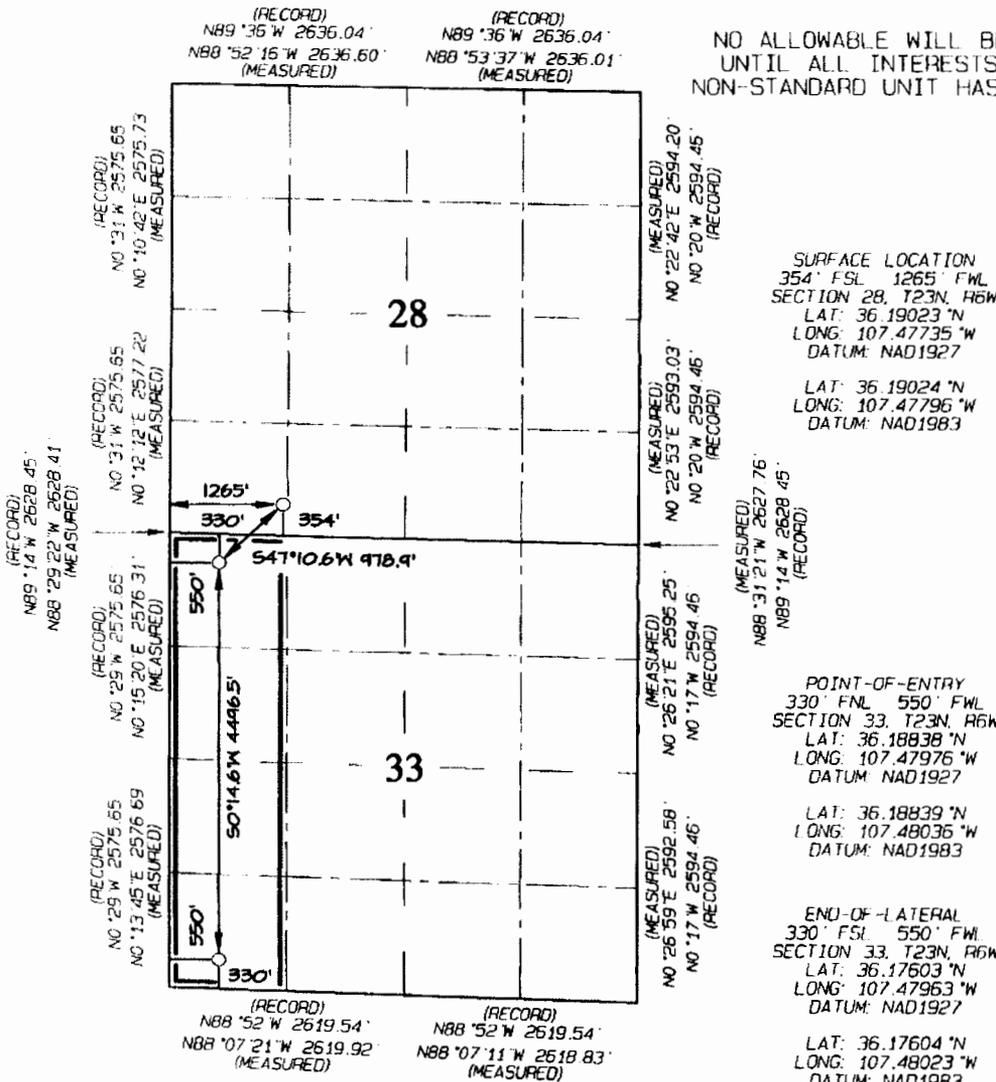
UL or Lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	28	23N	6W		354	SOUTH	1265	WEST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or Lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	23N	6W		330	SOUTH	550	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres 150.0 Acres W/2 W/2 - Section 33	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION  
UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Holly Hill* Date: 8/9/12

Printed Name: Holly Hill

E-mail Address: holly.hill@encana.com

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Survey Date: SEPTEMBER 5, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS  
Certificate Number 15269

SURFACE LOCATION  
354' FSL 1265' FWL  
SECTION 28, T23N, R6W  
LAT: 36.19023°N  
LONG: 107.47735°W  
DATUM: NAD1927

LAT: 36.19024°N  
LONG: 107.47796°W  
DATUM: NAD1983

POINT-OF-ENTRY  
330' FNL 550' FWL  
SECTION 33, T23N, R6W  
LAT: 36.18838°N  
LONG: 107.47976°W  
DATUM: NAD1927

LAT: 36.18839°N  
LONG: 107.48036°W  
DATUM: NAD1983

END-OF-LATERAL  
330' FSL 550' FWL  
SECTION 33, T23N, R6W  
LAT: 36.17603°N  
LONG: 107.47963°W  
DATUM: NAD1927

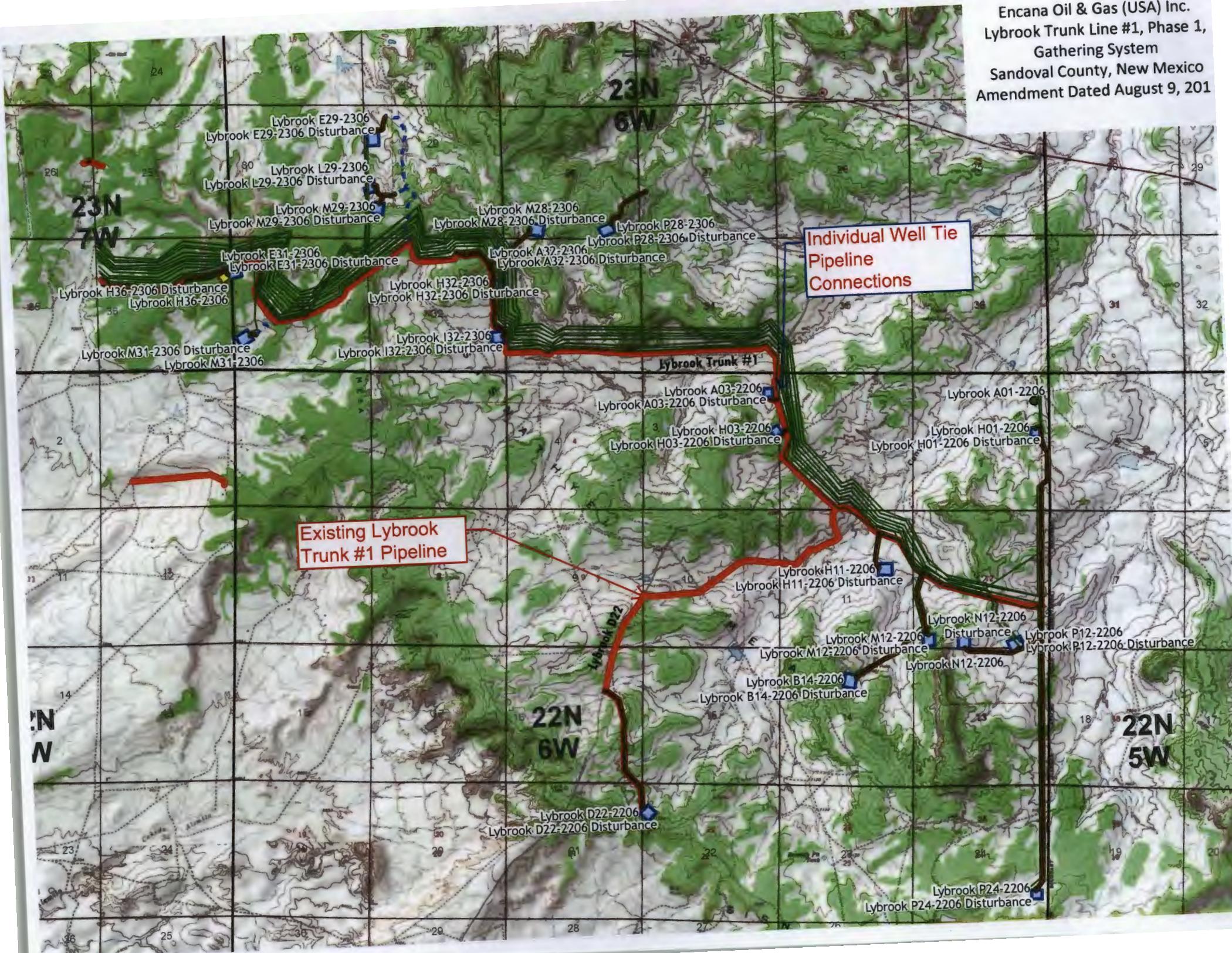
LAT: 36.17604°N  
LONG: 107.48023°W  
DATUM: NAD1983



Attachment No. 2c  
Encana Oil Gas (USA) Inc.  
Lybrook Trunk Line #1, Phase 1 Gathering System  
Sandoval County, New Mexico  
Amendment Dated August 9, 2013

Well Pad	Estimated Pipeline Length in Feet	Estimated Length in Miles	Projected Width for Pipeline ROW	Total Pipeline Disturbed Acreage	Cost (\$50k/mile*4" O.D.)	Pig Launcher/Receiver Disturbance	Pig Launcher/Receiver Cost
Lybrook M31-2306	9,945	1.88	40'	9.13	\$ 376,704.55	10' x 20'	\$ 10,000.00
Lybrook H01-2206 01H	54,468	10.32	40'	50.02	\$ 2,063,181.82	10' x 20'	\$ 10,000.00
Lybrook A01-2206 01H	56,230	10.65	40'	51.63	\$ 2,129,924.24	10' x 20'	\$ 10,000.00
Lybrook P24-2206 01H	60,828	11.52	40'	55.86	\$ 2,304,090.91	10' x 20'	\$ 10,000.00
Lybrook L29-2306 01H	16,823	3.19	40'	15.45	\$ 637,234.85	10' x 20'	\$ 10,000.00
Lybrook M29-2306 01H	15,873	3.01	40'	14.58	\$ 601,250.00	10' x 20'	\$ 10,000.00
Lybrook E29-2306 01H	19,065	3.61	40'	17.51	\$ 722,159.09	10' x 20'	\$ 10,000.00
Lybrook B14-2206	50,327	9.53	40'	46.21	\$ 1,906,325.76	10' x 20'	\$ 10,000.00
Lybroko M12-2206 01H	47,244	8.95	40'	43.38	\$ 1,789,545.45	10' x 20'	\$ 10,000.00
Lybroko N12-2206 01H	50,831	9.63	40'	46.68	\$ 1,925,416.67	10' x 20'	\$ 10,000.00
Lybrook H11-2206	43,673	8.27	40'	40.10	\$ 1,654,280.30	10' x 20'	\$ 10,000.00
Lybrook P12-2206	49,177	9.31	40'	45.16	\$ 1,862,765.15	10' x 20'	\$ 10,000.00
Lybrook M28-2306	20,936	3.97	40'	19.22	\$ 793,030.30	10' x 20'	\$ 10,000.00
<b>TOTAL</b>	<b>495,420</b>	<b>93.83</b>	<b>0.01 Acres</b>	<b>454.93</b>	<b>\$ 18,765,909.09</b>	<b>0.06 Acres</b>	<b>\$ 130,000.00</b>

<b><u>GRAND TOTAL COST</u></b>	<b>\$ 18,895,909.09</b>
<b><u>GRAND TOTAL ACREAGE</u></b>	<b>454.99</b>



Existing Lybrook  
Trunk #1 Pipeline

Individual Well Tie  
Pipeline  
Connections

Attachment No. 3  
Encana Oil Gas (USA) Inc.  
Lybrook Trunk Line #1 Gathering System  
Sandoval County, New Mexico  
Amendment Dated August 9, 2013

**Initial Application for Lybrook Trunk #1 Gathering System**

**Lybrook D22-2206 01H**  
D-SWNW-22-22N-6W  
N2N2 Sec 22 22N 6W (160 acres)  
NM109389

<u>Interest Owner</u>	<u>Widcat</u>	
	<u>Gross</u>	<u>Net</u>
<b>Working Interest</b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	100.000%	80.000%
<b>Royalty Interest</b> USA c/o BLM	0.000%	12.500%
<b>Overriding Royalty Interest</b> Synergy Operating, LLC PO Box 5513 Farmington, NM 87449	0.000%	7.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

**Lybrook A03-2206 01H**  
A-NENE-3-22N-6W  
N2N2 Sec 3 22N 6W (160 acres)  
NM 109386

<u>Interest Owner</u>	<u>Lybrook Gallup Pool</u>	
	<u>Gross</u>	<u>Net</u>
<b>Working Interest</b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	41.250%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%
<b>Royalty Interest</b> USA c/o BLM	0.000%	12.500%
<b>Overriding Royalty Interest</b> Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

**Lybrook H03-2206 01H**  
H-SENE-3-22N-6W  
S2N2 Sec 3 22N 6W (160 acres)  
NM 109386

<u>Interest Owner</u>	<u>Lybrook Gallup Pool</u>	
	<u>Gross</u>	<u>Net</u>
<b>Working Interest</b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	41.250%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%
<b>Royalty Interest</b> USA c/o BLM	0.000%	12.500%
<b>Overriding Royalty Interest</b> Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

**Lybrook I32-2306 02H**  
I-NESE-32-23N-6W  
S2S2 Sec 32 23N 6W (160 acres)  
V-1399

<u>Interest Owner</u>	<u>Lybrook Gallup Pool</u>	
	<u>Gross</u>	<u>Net</u>
<b>Working Interest</b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	40.528%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	41.461%
OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046-0506	0.000%	0.000%
<b>Royalty Interest</b> State of New Mexico	0.000%	11.112%
USA c/o BLM	0.000%	4.166%
<b>Overriding Royalty Interest</b> Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210	0.000%	1.400%
Abo Petroleum Corporation 105 South 4th Street Artesia, NM 88210	0.000%	0.20%
Myco Industries Inc. 105 South 4th Street Artesia, NM 88210	0.000%	0.20%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

**Lybrook A32-2306 02H**  
A-NENE-32-23N-6W  
N2N2 Sec 32; N2NE Sec 31  
V-1399 & NM89021

<u>Interest Owner</u>	<u>Lybrook Gallup Pool</u>	
	<u>Gross</u>	<u>Net</u>
<b>Working Interest</b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	40.528%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	41.461%
OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046-0506	0.000%	0.000%
<b>Royalty Interest</b> State of New Mexico	0.000%	11.112%
USA c/o BLM	0.000%	4.166%
<b>Overriding Royalty Interest</b> Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210	0.000%	1.400%
Abo Petroleum Corporation 105 South 4th Street Artesia, NM 88210	0.000%	0.20%
Myco Industries Inc. 105 South 4th Street Artesia, NM 88210	0.000%	0.20%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

Attachment No. 3  
Encana Oil Gas (USA) Inc.  
Lybrook Trunk Line #1 Gathering System  
Sandoval County, New Mexico  
Amendment Dated August 9, 2013

**Lybrook H32-2306 01H**  
H-SENE-32-23N-6W  
S2N2 Sec 32; S2NE Sec 31  
V-1399 & NM89021  
Lybrook Gallup Pool

**Lybrook I32-2306 01H**  
I-NESE-32-23N-6W  
N2S2 Sec 32 23N 6W (160 acres)  
V-1399  
Lybrook Gallup Pool

<u>Interest Owner</u>					
<b>Working Interest</b>	<u>Gross</u>	<u>Net</u>	<b>Working Interest</b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	40.167%	Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	40.167%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	40.317%	Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	40.317%
OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046-0506	0.000%	0.000%	OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046-0506	0.000%	0.000%
<b>Royalty Interest</b>			<b>Royalty Interest</b>		
State of New Mexico	0.000%	16.667%	State of New Mexico	0.000%	16.667%
<b>Overriding Royalty Interest</b>			<b>Overriding Royalty Interest</b>		
Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210	0.000%	2.100%	Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210	0.000%	2.100%
Abo Petroleum Corporation 105 South 4th Street Artesia, NM 88210	0.000%	0.30%	Abo Petroleum Corporation 105 South 4th Street Artesia, NM 88210	0.000%	0.30%
Myco Industries Inc. 105 South 4th Street Artesia, NM 88210	0.000%	0.30%	Myco Industries Inc. 105 South 4th Street Artesia, NM 88210	0.000%	0.30%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	0.15%	Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	0.15%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>	<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

**Lybrook H36-2307 01H**  
SENE-36-23N-7W  
S2N2 Sec 36 23N 7W (160 acres)  
LG-3925  
Lybrook Gallup Pool

<u>Interest Owner</u>		
<b>Working Interest</b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	41.250%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%
<b>Royalty Interest</b>		
State of New Mexico, Acting by and through its Commissioner of Public Lands	0.000%	12.500%
<b>Overriding Royalty Interest</b>		
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

**Amendment to Lybrook Trunk #1 Gathering System Dated August 9, 2013**

**Lybrook M31-2306 02H**  
M-SWSW-31-23N-6W  
N2S2 Sec 36 23N 7W (160 acres)  
LG-3925  
Lybrook Gallup Pool

**Lybrook M31-2306 03H**  
M-SWSW-31-23N-6W  
S2S2 Sec 36 23N 7W (160 acres)  
LG-3925  
Lybrook Gallup Pool

<u>Interest Owners</u>			<u>Interest Owners</u>		
<b>Working Interest</b>	<u>Gross</u>	<u>Net</u>	<b>Working Interest</b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	40.250%	Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	40.250%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	42.750%	Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	42.750%

Attachment No. 3  
Encana Oil Gas (USA) Inc.  
Lybrook Trunk Line #1 Gathering System  
Sandoval County, New Mexico  
Amendment Dated August 9, 2013

**Lybrook H01-2206 01H**  
H-SENE-1-22N-6W  
S2N2 Sec 1 22N 6W (160 acres)  
NM-109385

**Lybrook A01-2206 01H**  
A-NENE-1-22N-6W  
N2N2 Sec 1 22N 6W (161.4 acres)  
NM-109385

**Interest Owners** Lybrook Gallup Pool

**Interest Owners** Lybrook Gallup Pool

<b><u>Working Interest</u></b>	<b>Gross</b>	<b>Net</b>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	41.250%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

<b><u>Working Interest</u></b>	<b>Gross</b>	<b>Net</b>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	41.250%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

**Lybrook P24-2206 01H**  
P-SESE-24-22N-6W  
S2S2 Sec 24 22N 6W (160 acres)  
NM-109390  
Widcat

**Interest Owners**

<b><u>Working Interest</u></b>	<b>Gross</b>	<b>Net</b>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	50.000%	41.250%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

**Lybrook L29-2306 01H**  
L-NWSW-29-23N-6W  
N2S2 Sec 30 23N 6W (160.85 acres)  
NM-117564

**Interest Owners** Lybrook Gallup Pool

<b><u>Working Interest</u></b>	<b>Gross</b>	<b>Net</b>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	87.500%	70.000%
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> James R.J. Strickler and Marie R. Strickler, Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

**Lybrook M29-2306 01H**  
M-SWSW-29-23N-6W  
S2S2 Sec 30 23N 6W (160.79 acres)  
NM-117564

**Interest Owners** Lybrook Gallup Pool & Basin Mancos Gas Pool

<b><u>Working Interest</u></b>	<b>Gross</b>	<b>Net</b>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	87.500%	70.000%
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> James R.J. Strickler and Marie R. Strickler, Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

Attachment No. 3  
Encana Oil Gas (USA) Inc.  
Lybrook Trunk Line #1 Gathering System  
Sandoval County, New Mexico  
Amendment Dated August 9, 2013

<u>Lybrook E29-2306 01H</u>		
E-SWNW-29-23N-6W N2N2 Sec 30 23N 6W (160.97 acres) NM-117564		
<u>Interest Owners</u>	<u>Lybrook Gallup Pool</u>	
<b><u>Working Interest</u></b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	87.500%	70.000%
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%
<b><u>Royalty Interest</u></b>		
USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b>		
James R.J. Strickler and Marie R. Strickler, Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

<u>Lybrook E29-2306 03H</u>		
E-SWNW-29-23N-6W S2N2 Sec 30 23N 6W (160 acres) NM-117564		
<u>Interest Owners</u>	<u>Lybrook Gallup Pool</u>	
<b><u>Working Interest</u></b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	87.500%	70.000%
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%
<b><u>Royalty Interest</u></b>		
USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b>		
James R.J. Strickler and Marie R. Strickler, Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

<u>Lybrook E29-2306 03H</u>		
E-SWNW-29-23N-6W S2N2 Sec 30 23N 6W (160 acres) NM-117564		
<u>Interest Owners</u>	<u>Lybrook Gallup Pool</u>	
<b><u>Working Interest</u></b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	87.500%	70.000%
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%
<b><u>Royalty Interest</u></b>		
USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b>		
James R.J. Strickler and Marie R. Strickler, Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

<u>Lybrook B14-2206 01H</u>		
B-NWSW-14-22N-6W N2NW Sec 14 & N2NE Sec 15 22N 6W (160 NM-117562		
<u>Interest Owners</u>	<u>Lybrook Gallup Pool</u>	
<b><u>Working Interest</u></b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	100.000%	80.000%
<b><u>Royalty Interest</u></b>		
USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b>		
Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	7.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

<u>Lybrook B14-2206 02H</u>		
B-NWSW-14-22N-6W S2NW Sec 14 & S2NE Sec 15 22N 6W (160 NM-117562		
<u>Interest Owners</u>	<u>Lybrook Gallup Pool</u>	
<b><u>Working Interest</u></b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	100.000%	80.000%
<b><u>Royalty Interest</u></b>		
USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b>		
Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	7.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

<u>Lybrook M12-2206 01H</u>		
M-SWSW-12-22N-6W W2W2 Sec 13 22N 6W (160 acres) NM-117562		
<u>Interest Owners</u>	<u>Lybrook Gallup Pool</u>	
<b><u>Working Interest</u></b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	100.000%	80.000%
<b><u>Royalty Interest</u></b>		
USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b>		
Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	7.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

<u>Lybrook M12-2206 01H</u>		
M-SWSW-12-22N-6W W2W2 Sec 13 22N 6W (160 acres) NM-117562		
<u>Interest Owners</u>	<u>Lybrook Gallup Pool</u>	
<b><u>Working Interest</u></b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	100.000%	80.000%
<b><u>Royalty Interest</u></b>		
USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b>		
Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	7.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

<u>Lybrook N12-2206 02H</u>		
N-SESW-12-22N-6W E2W2 Sec 13 22N 6W (160 acres) NM-117562		
<u>Interest Owners</u>	<u>Lybrook Gallup Pool</u>	
<b><u>Working Interest</u></b>	<u>Gross</u>	<u>Net</u>
Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	100.000%	80.000%
<b><u>Royalty Interest</u></b>		
USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b>		
Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	7.500%
<b>TOTAL</b>	<u>100.000%</u>	<u>100.000%</u>

Attachment No. 3  
Encana Oil Gas (USA) Inc.  
Lybrook Trunk Line #1 Gathering System  
Sandoval County, New Mexico  
Amendment Dated August 9, 2013

**Lybrook H11-2206 01H**  
H-SENE-11-22N-6W  
W2SE Sec 11 & W2E2 Sec 14 22N 6W (240  
NM-117562 & NM-109385  
**Lybrook Gallup Pool**

<b><u>Interest Owners</u></b>	<b><u>Gross</u></b>	<b><u>Net</u></b>
<b><u>Working Interest</u></b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	83.350%	67.096%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	16.650%	14.569%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	0.833%
Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	5.003%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

**Lybrook H11-2206 03H**  
H-SENE-11-22N-6W  
E2SE Sec 11 & E2E2 Sec 14 22N 6W (240  
NM-117562 & NM-109385  
**Lybrook Gallup Pool**

<b><u>Interest Owners</u></b>	<b><u>Gross</u></b>	<b><u>Net</u></b>
<b><u>Working Interest</u></b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	83.350%	67.096%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	16.650%	14.569%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	0.833%
Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	5.003%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

**Lybrook P12-2206 01H**  
P-SESE-12-22N-6W  
W2E2 Sec 13 & W2NE Sec 24 22N 6W (240  
NM-117562 & NM-109390  
**Lybrook Gallup Pool**

<b><u>Interest Owners</u></b>	<b><u>Gross</u></b>	<b><u>Net</u></b>
<b><u>Working Interest</u></b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	83.350%	67.096%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	16.650%	14.569%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	0.833%
Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	5.003%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

ESTMATED

**Lybrook P12-2206 03H**  
P-SESE-12-22N-6W  
E2E2 Sec 13 & E2NE Sec 24 22N 6W (240  
NM-117562 & NM-109390  
**Lybrook Gallup Pool**

<b><u>Interest Owners</u></b>	<b><u>Gross</u></b>	<b><u>Net</u></b>
<b><u>Working Interest</u></b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	83.350%	67.096%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	16.650%	14.569%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	0.833%
Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	5.003%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

**Lybrook M28-2306 01H**  
M-SESE-12-22N-6W  
W2W2 Sec 33 23N 6W (160 acres)  
NM-112953  
**Lybrook Gallup Pool**

<b><u>Interest Owners</u></b>	<b><u>Gross</u></b>	<b><u>Net</u></b>
<b><u>Working Interest</u></b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	87.500%	70.000%
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> James R.J. Strickler and Marie R. Strickler, As Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

**Lybrook M28-2306 02H**  
M-SESE-12-22N-6W  
E2W2 Sec 33 23N 6W (160 acres)  
NM-112953  
**Lybrook Gallup Pool**

<b><u>Interest Owners</u></b>	<b><u>Gross</u></b>	<b><u>Net</u></b>
<b><u>Working Interest</u></b> Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	87.500%	70.000%
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%
<b><u>Royalty Interest</u></b> USA c/o BLM	0.000%	12.500%
<b><u>Overriding Royalty Interest</u></b> James R.J. Strickler and Marie R. Strickler, As Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%
<b>TOTAL</b>	<b>100.000%</b>	<b>100.000%</b>

Attachment No. 4  
Encana Oil & Gas (USA) Inc.  
Lybrook Trunk Line #1, Phase 1, Gathering System  
Sandoval County, NM  
Amendment Dated August 9, 2013

As evidence that all interest ownership parties in the subject well have been given notice of Encana's application, attached please find:

- 1) The Leasehold Interest Owner's Address List for the additional wells tying into the Lybrook Trunk #1 Gathering System.
- 2) Copies of Encana's letters, dated June 28, 2013, used to send copies of the subject application to the leasehold interest owners for the additional wells connecting to the Lybrook Trunk #1 Gathering System. The letters were transmitted via certified mail/return receipt. Upon receiving receipts, a copy will be sent to NMOCD.
- 3) Copy of Encana's letter to The Daily Times, requesting a legal ad run August 11<sup>th</sup> in order to provide effective notice to interest owners in three Federal Leases that are being added to the Lybrook Trunk #1 Gathering System; namely leases NMNM 117562, NMNM 109385 and NMNM 109390.
- 4) All royalty interest is State and BLM. Since the NMSLO and the BLM are receiving this application requesting their approval, a separate notice letter was not sent to the royalty interest owners. The application to the NMSLO and BLM were transmitted via certified mail/return receipt. Upon receiving receipts, a copy will be sent to NMOCD.

Attachment No. 4  
Encana Oil & Gas (USA) Inc.  
Lybrook Trunk Line #1, Phase 1, Gathering System  
Sandoval County, NM  
Amendment Dated August 9, 2013

**Working Interest Owners:**

Encana Oil & Gas (USA) Inc.  
370 17th Street, Suite 1700  
Denver, CO 80202

Dugan Production Corp.  
709 E. Murray Dr.  
Farmington, New Mexico 87401

JMJ Land & Minerals Company  
2204 North Santiago Avenue  
Farmington, NM 87401

**Royalty Interest Owner:**

Bureau of Land Management  
6251 College Blvd., Suite A  
Farmington, NM 87402

New Mexico State Land Office  
Oil, Gas & Minerals Division  
P.O. Box 1148  
Santa Fe, NM 87504

**Overriding Royalty Interest:**

Dugan Production Corp.  
709 E. Murray Dr.  
Farmington, New Mexico 87401

Cynthia Sweetland  
2301 Camino Rio  
Farmington, New Mexico 87401

Kurt Fagrelus  
2001 Hidden Glen  
Farmington, New Mexico 87401

John Alexander  
3114 Crescent Avenue  
Farmington, New Mexico 87401

James R.J. Strickler and  
Marie R. Strickler, Joint Tenants  
2204 North Santiago Avenue  
Farmington, NM 87401

Attachment No. 4  
Encana Oil & Gas (USA) Inc.  
Lybrook Trunk Line #1, Phase 1, Gathering System  
Sandoval County, NM  
Amendment Dated August 9, 2013

Bayless Ranches, LLC  
P.O. Box 168  
Farmington, NM 87499



June 28, 2013

John Alexander  
3114 Crescent Avenue  
Farmington, NM 87401

**Re: Lybrook Trunk #1 Gathering System  
Application for Pool and Lease Commingling  
Add Wells to Gathering System and Off-Lease Measurement (if applicable)  
Sandoval County, New Mexico**

Dear Interest Owner:

Encana Oil & Gas (USA) Inc.'s (Encana) is seeking administrative approval from the New Mexico Oil Conservation Division (NMOCD) to add additional wells to Encana's Lybrook Trunk #1 Gathering System (LGS) which was approved by the NMOCD on April 29, 2013 (Administrative order PLC-373). The LGS is operated by Encana, and the addition of wells will require surface commingling of gas, and in some cases off-lease measurement and sale of produced natural gas, as well as off-lease transportation and sale of oil and condensate. All of the additional wells proposed to tie into the LGS will be operated by Encana. Encana has applied for the necessary rights-of-way to install, operate and maintain the LGS.

Off-Lease Measurement and Sale of produced natural gas, as well as Off-Lease Transportation and Sale of crude oil and condensate, may also be applicable for some of the additional proposed wells tying into the LGS. If applicable, Off-Lease Measurement of natural gas will occur at the well head by a well allocation meter and again at the pipeline tie-in to Enterprise Products Partners' central delivery point, gas custody transfer meter.

The wells will be equipped with individual gas measurement equipment for allocation purposes and will benefit from central compression which should keep wellhead operating pressure as low as possible. There will not be any downhole commingling of oil or condensate and there is no Indian acreage associated with any of the proposed wells.

If applicable, Off-Lease Measurement, Transportation and Sale of produced oil and condensate will occur at the surface location for the affected well where Encana will install the necessary number of 400-barrel oil storage tanks and water tanks. A gathering company will purchase and transport the product to refining. A strapping table measurement for each oil tank will determine the volume in each tank with run tickets to be filled out at the surface location for each load. Tank seal information will also be recorded to accompany transport.

This matter does not require any action on your part. Current NMOCD Regulations require that all affected interest owners receive notice of Off-Lease Measurement, Transportation and Sale, and receive notice of proposed future additions to the LGS (those in the existing system and those being added). Included in Encana's Gathering System application is a request that for future additions to the LGS, only the interest owners in the wells to be added will require notification provided that the proposed additions do not adversely affect the existing wells in the LGS. This will greatly simplify adding wells to the EGS. Should you have any questions, concerns or need additional information please contact me at your earliest convenience at 720-876-5965 and/or [billy.mccool@encana.com](mailto:billy.mccool@encana.com).

Encana Oil & Gas (USA) Inc.

370 17<sup>th</sup> Street, Suite 1700, Denver Colorado 80202

**encana**

Should you have any objections to our application, please contact the undersigned; you should also contact the NMOCD directly with your objections within twenty (20) days from the date the NMOCD receives our application. The mailing address for the NMOCD is 1220 St. Francis Drive, Santa Fe, New Mexico 87505. We would appreciate a copy of your objection.

Yours Truly,  
Encana Oil & Gas (USA) Inc.



B. Wade McCool  
Land Negotiator  
720.876.5965 (O)  
email: [billy.mccool@encana.com](mailto:billy.mccool@encana.com)

Enc:



June 28, 2013

Cynthia Sweetland  
2301 Camino Rio  
Farmington, NM 87401

**Re: Lybrook Trunk #1 Gathering System  
Application for Pool and Lease Commingling  
Add Wells to Gathering System and Off-Lease Measurement (if applicable)  
Sandoval County, New Mexico**

Dear Interest Owner:

Encana Oil & Gas (USA) Inc.'s (Encana) is seeking administrative approval from the New Mexico Oil Conservation Division (NMOCD) to add additional wells to Encana's Lybrook Trunk #1 Gathering System (LGS) which was approved by the NMOCD on April 29, 2013 (Administrative order PLC-373). The LGS is operated by Encana, and the addition of wells will require surface commingling of gas, and in some cases off-lease measurement and sale of produced natural gas, as well as off-lease transportation and sale of oil and condensate. All of the additional wells proposed to tie into the LGS will be operated by Encana. Encana has applied for the necessary rights-of-way to install, operate and maintain the LGS.

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The wells will be equipped with individual gas measurement equipment for allocation purposes and will benefit from central compression which should keep wellhead operating pressure as low as possible. There will not be any downhole commingling of oil or condensate and there is no Indian acreage associated with any of the proposed wells.

If applicable, Off-Lease Measurement, Transportation and Sale of produced oil and condensate will occur at the surface location for the affected well where Encana will install the necessary number of 400-barrel oil storage tanks and water tanks. A gathering company will purchase and transport the product to refining. A strapping table measurement for each oil tank will determine the volume in each tank with run tickets to be filled out at the surface location for each load. Tank seal information will also be recorded to accompany transport.

This matter does not require any action on your part. Current NMOCD Regulations require that all affected interest owners receive notice of Off-Lease Measurement, Transportation and Sale, and receive notice of proposed future additions to the LGS (those in the existing system and those being added). Included in Encana's Gathering System application is a request that for future additions to the LGS, only the interest owners in the wells to be added will require notification provided that the proposed additions do not adversely affect the existing wells in the LGS. This will greatly simplify adding wells to the EGS. Should you have any questions, concerns or need additional information please contact me at your earliest convenience at 720-876-5965 and/or [billy.mccool@encana.com](mailto:billy.mccool@encana.com).

Encana Oil & Gas (USA) Inc.

370 17<sup>th</sup> Street, Suite 1700, Denver Colorado 80202



Should you have any objections to our application, please contact the undersigned; you should also contact the NMOCD directly with your objections within twenty (20) days from the date the NMOCD receives our application. The mailing address for the NMOCD is 1220 St. Francis Drive, Santa Fe, New Mexico 87505. We would appreciate a copy of your objection.

Yours Truly,  
Encana Oil & Gas (USA) Inc.

A handwritten signature in black ink, appearing to read "B. Wade McCool".

B. Wade McCool  
Land Negotiator  
720.876.5965 (O)  
email: [billy.mccool@encana.com](mailto:billy.mccool@encana.com)

Enc:



June 28, 2013

Kurt Fagrelus  
2001 Hidden Glen  
Farmington, NM 87401

**Re: Lybrook Trunk #1 Gathering System  
Application for Pool and Lease Commingling  
Add Wells to Gathering System and Off-Lease Measurement (if applicable)  
Sandoval County, New Mexico**

Dear Interest Owner:

Encana Oil & Gas (USA) Inc.'s (Encana) is seeking administrative approval from the New Mexico Oil Conservation Division (NMOCD) to add additional wells to Encana's Lybrook Trunk #1 Gathering System (LGS) which was approved by the NMOCD on April 29, 2013 (Administrative order PLC-373). The LGS is operated by Encana, and the addition of wells will require surface commingling of gas, and in some cases off-lease measurement and sale of produced natural gas, as well as off-lease transportation and sale of oil and condensate. All of the additional wells proposed to tie into the LGS will be operated by Encana. Encana has applied for the necessary rights-of-way to install, operate and maintain the LGS.

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Encana Oil & Gas (USA) Inc.

370 17<sup>th</sup> Street, Suite 1700, Denver Colorado 80202

**encana**

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Yours Truly,  
Encana Oil & Gas (USA) Inc.



B. Wade McCool  
Land Negotiator  
720.876.5965 (O)  
email: [billy.mccool@encana.com](mailto:billy.mccool@encana.com)

Enc:



June 28, 2013

Bayless Ranches, LLC  
P.O. Box 168  
Farmington, NM 87499

**Re: Lybrook Trunk #1 Gathering System  
Application for Pool and Lease Commingling  
Add Wells to Gathering System and Off-Lease Measurement (if applicable)  
Sandoval County, New Mexico**

Dear Interest Owner:

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B. Wade McCool  
Land Negotiator  
720.876.5965 (O)  
email: [billy.mccool@encana.com](mailto:billy.mccool@encana.com)

Enc:



June 28, 2013

Dugan Production Corp.  
709 E. Murray Dr.  
Farmington, New Mexico 87401

**Re: Lybrook Trunk #1 Gathering System  
Application for Pool and Lease Commingling  
Add Wells to Gathering System and Off-Lease Measurement (if applicable)  
Sandoval County, New Mexico**

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Encana Oil & Gas (USA) Inc.

A handwritten signature in black ink, appearing to read "B. Wade McCool". The signature is fluid and cursive, with the first letter of each word being capitalized and prominent.

B. Wade McCool  
Land Negotiator  
720.876.5965 (O)  
email: [billy.mccool@encana.com](mailto:billy.mccool@encana.com)

Enc:



June 28, 2013

James R.J. Strickler and  
Marie R. Strickler, joint tenants  
2204 North Santiago Avenue  
Farmington, NM 87401

**Re: Lybrook Trunk #1 Gathering System  
Application for Pool and Lease Commingling  
Add Wells to Gathering System and Off-Lease Measurement (if applicable)  
Sandoval County, New Mexico**

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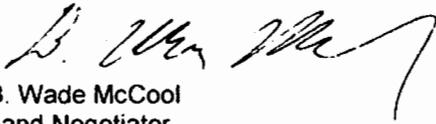
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Encana Oil & Gas (USA) Inc.



B. Wade McCool  
Land Negotiator  
720.876.5965 (O)  
email: [billy.mccool@encana.com](mailto:billy.mccool@encana.com)

Enc:



June 28, 2013

JMJ Land & Minerals Company  
2204 North Santiago Avenue  
Farmington, NM 87401

**Re: Lybrook Trunk #1 Gathering System  
Application for Pool and Lease Commingling  
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B. Wade McCool  
Land Negotiator  
720.876.5965 (O)  
email: [billy.mccool@encana.com](mailto:billy.mccool@encana.com)

Enc:

Initial Application for Lybrook Trunk Line # 1 Gathering System - PLC-373

Well Name	API No.	Well Location UL-Sec-Twn-Rng	Communitization No. If Applicable	Well No.	Project Area	Pool	Lease No.	Lease Type	Completion Date	Well Status	Projected Gas Rate (Mcf/Day)	Projected Lease Gas Rate (Mcf/day)	Projected Gas %	*Projected Initial Gas Heating Value (Btu/scf) (through 1st ~6 Months)	Projected Gas Heating Value (Btu/scf after ~1st 6 months)	Comments
Lybrook H36-2307 01H	30-043-21117	SENE-36-23N-7W	N/A	1	S2N2 Sec 36 23N 7W (160 acres)	Lybrook Gallup Pool	LG-3925	NM State	03/10/2012	Completed	350	350	3%	950	1215	Current Status: 5 wells are currently drilled and Completed and producing. The additional 3 wells are contingent on success of the initial 5 wells
Lybrook A03-2206 01H	30-043-21130	A-NENE-3-22N-6W	N/A	2	N2N2 Sec 3 22N 6W (160 acres)	Lybrook Gallup Pool	NM 109386	NM State	03/10/2012	Completed	1162	1572	11%	950	1215	
Lybrook H03-2206 01H	30-043-21123	H-SENE-3-22N-6W	N/A	3	S2N2 Sec 3 22N 6W (160 acres)	Lybrook Gallup Pool		USA	05/14/2013	Completed	410		4%	950	1215	
Lybrook D22-2206 01H	30-043-21131	D-SWNW-22-22N-6W	N/A	4	N2N2 Sec 22 22N 6W (160 acres)	Widcat	NM109389	USA	11/17/2012	Completed	410	410	4%	950	1215	
Lybrook A32-2306 02H	30-043-21127	A-NENE-32-23N-6W	NMNM 130514	5	N2N2 Sec 32; N2NE Sec 31 23N 6W (240 acres)	Lybrook Gallup Pool	V-1399 & NM89021	USA	N/A	Drilled	350	700	3%	950	1215	
Lybrook H32-2306 01H	30-043-21126	H-SENE-32-23N-6W	NMNM 130513	6	S2N2 Sec 32; S2NE Sec 31 23N 6W (240 acres)	Lybrook Gallup Pool		USA & NM State	N/A	Drilled	350		3%	950	1215	
Lybrook I32-2306 01H	30-043-21129	I-NESE-32-23N-6W	N/A	7a	N2S2 Sec 32 23N 6W (160 acres)	Lybrook Gallup Pool	V-1399	NM State	N/A	Drilled	350	700	3%	950	1215	
Lybrook I32-2306 02H	30-043-21125	I-NESE-32-23N-6W	N/A	7b	S2S2 Sec 32 23N 6W (160 acres)	Lybrook Gallup Pool		NM State	06/09/2013	Completed	350		3%	950	1215	

Amendment to Lybrook Trunk Line # 1 Gathering System Dated August 9, 2013

Well Name	API No.	Well Location UL-Sec-Twn-Rng	Communitization No. If Applicable	Well No.	Project Area	Pool	Lease No.	Lease Type	Completion Date	Well Status	Projected Gas Rate (Mcf/Day)	Projected Lease Gas Rate (Mcf/day)	Projected Gas %	*Projected Initial Gas Heating Value (Btu/scf) (through 1st ~6 Months)	Projected Gas Heating Value (Btu/scf after ~1st 6 months)	Comments
Lybrook M31-2306 02H	30-043-21146	M-SWSW-31-23N-6W	N/A	8a	N2S2 Sec 36 23N 7W (160 acres)	Lybrook Gallup Pool	LG-3925	NM State	N/A	Not Drilled	350	700	3%	950	1215	Current Status: Future wells are contingent on success of initial 8 wells. Note: Total rate is not expected to equal 3.85 MMcfpd due to wells being drilled/completed and coming online at different times. The initial 8 will naturally decline before future wells come online.
Lybrook M31-2306 03H	30-043-21145	M-SWSW-31-23N-6W	N/A	8b	S2S2 Sec 36 23N 7W (160 acres)	Lybrook Gallup Pool		NM State	N/A	Not Drilled	350		3%	950	1215	
Lybrook H01-2206 01H	30-043-21122	H-SENE-1-22N-6W	N/A	9	S2N2 Sec 1 22N 6W (160 acres)	Lybrook Gallup Pool	NM-109385	USA	N/A	Not Drilled	350	700	3%	950	1215	
Lybrook A01-2206 01H	30-043-21137	A-NENE-1-22N-6W	N/A	10	N2N2 Sec 1 22N 6W (161.4 acres)	Lybrook Gallup Pool		USA	N/A	Not Drilled	350		3%	950	1215	
Lybrook P24-2206 01H	PENDING	P-SESE-24-22N-6W	N/A	11	S2S2 Sec 24 22N 6W (160 acres)	Widcat	NM-109390	USA	N/A	Not Drilled	350	350	3%	950	1215	
Lybrook L29-2306 01H	PENDING	L-NWSW-29-23N-6W	N/A	12	N2S2 Sec 30 23N 6W (160.85 acres)	Lybrook Gallup Pool	NM-117564	USA	N/A	Not Drilled	350	1400	3%	950	1215	
Lybrook M29-2306 01H	PENDING	M-SWSW-29-23N-6W	N/A	13	S2S2 Sec 30 23N 6W (160.79 acres)	Lybrook Gallup Pool & Basin Mancos Gas Pool		USA	N/A	Not Drilled	350		3%	950	1215	
Lybrook E29-2306 01H	PENDING	E-SWNW-29-23N-6W	N/A	14a	N2N2 Sec 30 23N 6W (160.97 acres)	Lybrook Gallup Pool		USA	N/A	Not Drilled	350		3%	950	1215	
Lybrook E29-2306 03H	PENDING	E-SWNW-29-23N-6W	N/A	14b	S2N2 Sec 30 23N 6W (160 acres)	Lybrook Gallup Pool		USA	N/A	Not Drilled	350		3%	950	1215	
Lybrook B14-2206 01H	PENDING	B-NWSW-14-22N-6W	N/A	15a	N2NW Sec 14 & N2NE Sec 15 22N 6W (160 acres)	Lybrook Gallup Pool	NM-117562	USA	N/A	Not Drilled	350	1400	3%	950	1215	
Lybrook B14-2206 02H	PENDING	B-NWSW-14-22N-6W	N/A	15b	S2NW Sec 14 & S2NE Sec 15 22N 6W (160 acres)	Lybrook Gallup Pool		USA	N/A	Not Drilled	350		3%	950	1215	
Lybrook M12-2206 01H	PENDING	M-SWSW-12-22N-6W	N/A	16a	W2W2 Sec 13 22N 6W (160 acres)	Lybrook Gallup Pool		USA	N/A	Not Drilled	350		3%	950	1215	
Lybrook N12-2206 02H	PENDING	N-SESW-12-22N-6W	N/A	16b	E2W2 Sec 13 22N 6W (160 acres)	Lybrook Gallup Pool		USA	N/A	Not Drilled	350		3%	950	1215	
Lybrook H11-2206 01H	PENDING	H-SENE-11-22N-6W	PENDING	17a	W2SE Sec 11 & W2E2 Sec 14 22N 6W (240 acres)	Lybrook Gallup Pool	NM-117562 & NM-109385	USA	N/A	Not Drilled	350	700	7%	950	1215	
Lybrook H11-2206 03H	PENDING	H-SENE-11-22N-6W		17b	E2SE Sec 11 & E2E2 Sec 14 22N 6W (240 acres)	Lybrook Gallup Pool		USA	N/A	Not Drilled	350			950	1215	
Lybrook P12-2206 01H	PENDING	P-SESE-12-22N-6W	PENDING	18a	W2E2 Sec 13 & W2NE Sec 24 22N 6W (240 acres)	Lybrook Gallup Pool	NM-117562 & NM-109390	USA	N/A	Not Drilled	350	700	7%	950	1215	
Lybrook P12-2206 03H	PENDING	P-SESE-12-22N-6W		18b	E2E2 Sec 13 & E2NE Sec 24 22N 6W (240 acres)	Lybrook Gallup Pool		USA	N/A	Not Drilled	350			950	1215	
Lybrook M28-2306 01H	PENDING	M-SESE-12-22N-6W	N/A	19a	W2W2 Sec 33 23N 6W (160 acres)	Lybrook Gallup Pool	NM-112953	USA	N/A	Not Drilled	350	700	7%	950	1215	
Lybrook M28-2306 02H	PENDING	M-SESE-12-22N-6W	N/A	19b	E2W2 Sec 33 23N 6W (160 acres)	Lybrook Gallup Pool		USA	N/A	Not Drilled	350			950	1215	
<b>TOTALS</b>												10,382.00	100%			

**EXPLANATION LEGEND**

To date, Encana has four (4) horizontal well producing from the Lybrook Gallup Pool and one (1) horizontal well producing from the Wildcat Gallup Pool. The producing wells were targeted and completed in a correlative interval within the Mancos formation. Completion design was also very similar in these five (5) wells. Initial flowback and hydrocarbon analysis results show very similar BTU heating content (see \* below). The other twenty-two (22) wells that are scheduled to be drilled and commingled will also be targeted and completed in the same interval within the Mancos formation.

Projected decline rates for all wells listed above: DI/b:75%/1.8.

\*BTU value is lower over the 1st ~6 months due to pumping nitrogen while completing the well. Nitrogen introduced while completing decreases over time as the well is produced.

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Bayless Ranches, LLC  
 P.O. Box 168  
 Farmington, NM 87499

2. Article Number  
 (Transfer from service label)

7011 3500 0000 3594 4899

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

Agent

Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type

Certified Mail  Express Mail

Registered  Return Receipt for Merchandise

Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

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1. Article Addressed to:

John Alexander  
 3114 Crescent Avenue  
 Farmington, NM 87401

2. Article Number  
 (Transfer from service label)

7011 3500 0000 3594 4882

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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James R.J. Strickler and  
 Marie R. Strickler, Joint Tenants  
 2204 North Santiago Avenue  
 Farmington, NM 87401

2. Article Number  
 (Transfer from service label)

7011 3500 0000 3594 4875

PS Form 3811, February 2004

Domestic Return Receipt

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Yes

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature <input checked="" type="checkbox"/> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to:	B. Received by (Printed Name)	C. Date of Delivery
Kurt Fagrelus 2001 Hidden Glen Farmington, NM 87401		
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
2. Article Number (Transfer from service label)	7011 3500 0000 3594 4868	
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature <input checked="" type="checkbox"/> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to:	B. Received by (Printed Name)	C. Date of Delivery
Dugan Production Corp. 709 E. Murray Dr. Farmington, NM 87401		
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
2. Article Number (Transfer from service label)	7011 3500 0000 3594 4851	
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature <input checked="" type="checkbox"/> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to:	B. Received by (Printed Name)	C. Date of Delivery
Cynthia Sweetland 2301 Camino Rio Farmington, NM 87401		
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
2. Article Number (Transfer from service label)	7011 3500 0000 3594 4844	
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
1. Article Addressed to:	B. Received by (Printed Name)	C. Date of Delivery
JMJ Land & Minerals Company 2204 North Santiago Drive Farmington, NM 87401	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label)	7011 3500 0000 3594 4837	
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
1. Article Addressed to:	B. Received by (Printed Name)	C. Date of Delivery
Ms. Jami Bailey New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label)	7011 3500 0000 3594 4820	
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
1. Article Addressed to:	B. Received by (Printed Name)	C. Date of Delivery
Mr. Larry Roybal Oil, Gas & Minerals Division New Mexico State Land Office PO Box 1148 Santa Fe, NM 87504	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
2. Article Number (Transfer from service label)	7011 3500 0000 3594 4813	
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540		

**SENDER: COMPLETE THIS SECTION**

- Complete Items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Bureau of Land Management  
6251 College Blvd., Suite A  
Farmington, NM 87402

2. Article Number

*(Transfer from service label)*

7011 3500 0000 3594 4806

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

 Agent AddresseeB. Received by (*Printed Name*)

C. Date of Delivery

D. Is delivery address different from item 1?  YesIf YES, enter delivery address below:  No

3. Service Type

 Certified Mail  Express Mail Registered  Return Receipt for Merchandise Insured Mail  C.O.D.4. Restricted Delivery? (*Extra Fee*) Yes



August 9, 2013

Transmitted Via Email: [legals@daily-times.com](mailto:legals@daily-times.com)

Ms. Carletta Dodge, Legal Clerk  
The Daily Times  
201 N. Allen  
Farmington, New Mexico 87401

**Re: Legal Ad Placement Request**  
**Sunday, August 11<sup>th</sup> 2013 Publication**  
Amendment to Lybrook Trunk #1 Gathering System  
Sandoval County, New Mexico

Dear Ms. Dodge:

Encana Oil & Gas (USA) Inc. (Encana) respectfully requests The Daily Times place the following notice in the Legal Ads section for the August 11<sup>th</sup>, 2013 publication. Once the ad has run, please send Affidavit of Publication to the undersigned.

*Encana oil & Gas (USA) Inc. (Encana) is seeking administrative approval from the New Mexico Oil Conservation Division (NMOCD) and the Bureau of Land Management (BLM) for an amendment to the Lybrook Trunk #1 Gathering System, PLC-373. Encana is requesting the addition of nineteen (19) wells to the previously approved Lybrook Trunk #1 Gathering System, which will require surface commingling. Said application also requests administrative approval Off-Lease Measurement and sale of naturally produced gas and in some instances Off-Lease Transportation and Sale of oil and condensate for various wells operated by Encana in Sandoval County, New Mexico. The Lybrook Trunk #1 Gathering System interconnects with Enterprise Products Partners (Enterprise) pipeline in the SWNW of Section 36, T23N R7W, which will be known as the Central Delivery Point (CDP). At this point in time, Encana is unable to confirm with absolute certainty interest ownership in wells that will produce from the following Project Areas (PA): the W2SE of Section 11 and W2E2 of Section 14, T22N R6W (Federal Leases NMNM 117562 and NMNM 109385) and the W2E2 of Section 13 and W2NE of Section 24, T22N R6W (Federal Leases NMNM 117562 and NMNM 109390). Encana is currently in the process of ordering title opinions for said PAs. There will not be any commingling of oil or condensate with natural gas in the pipeline. The project areas described above will be completed in the Lybrook Gallup Pool (Order No. 42289).*

*Any person holding an interest in Federal Leases NMNM 117562, NMNM 109385 and NMNM 109390 may contact Encana for additional information and details (Attn: Billy Wade McCool, 720-876-5965; 370 17<sup>th</sup> Street, Suite 1700, Denver CO 80202; [billy.mccool@encana.com](mailto:billy.mccool@encana.com)). Any objection or request for a formal hearing should be filed in writing with the NMOCD's Santa Fe Office (1220 South St. Francis Drive, Santa Fe, NM 87505) within 20 days from the date of this publication. In the absence of objections, Encana is requesting that the NMOCD approve the application administratively.*

Encana Oil & Gas (USA) Inc.

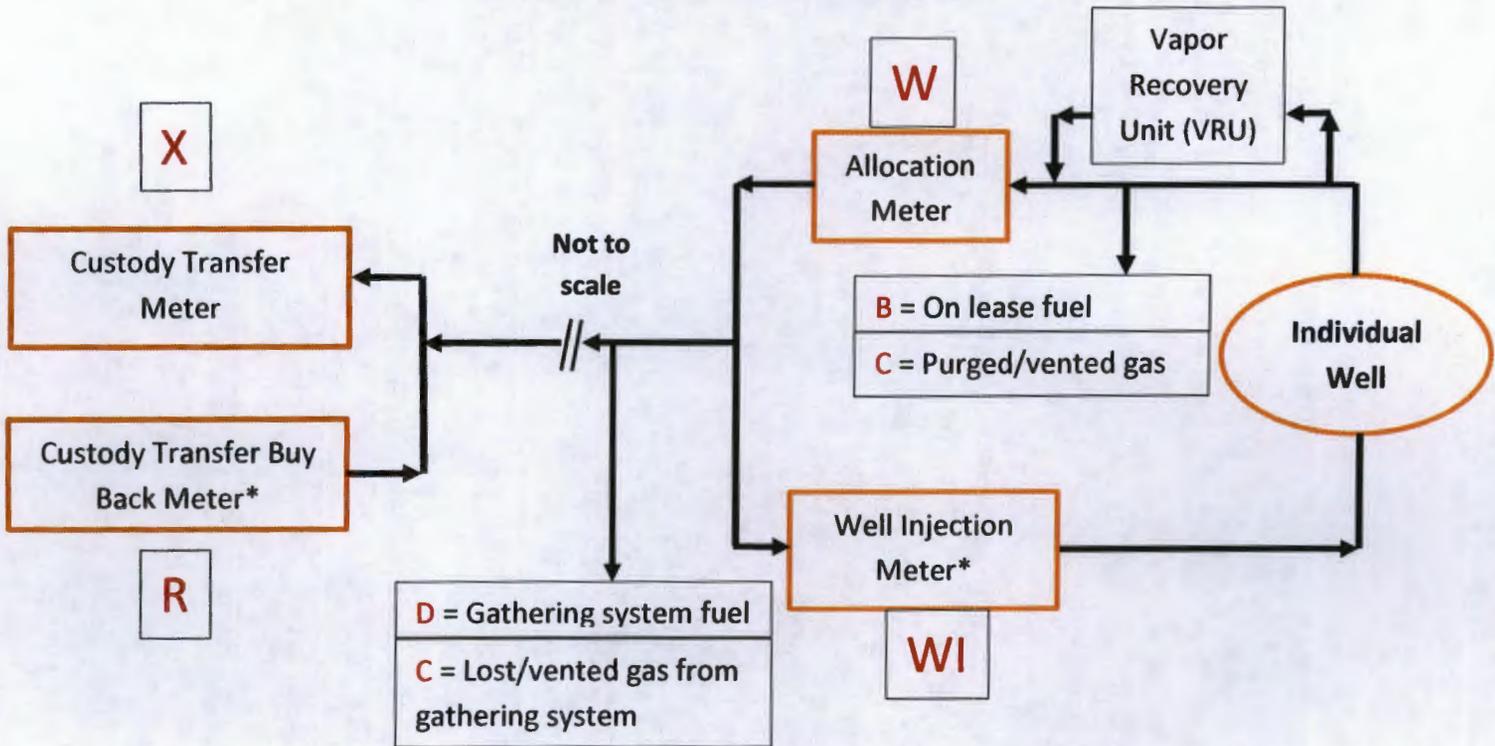
Holly Hill  
Regulatory Analyst

Encana Oil & Gas (USA) Inc.

370 17<sup>th</sup> Street, Suite 1700, Denver Colorado 80202 720.876.5331 (O) 303.521.2835 (C) [holly.hill@encana.com](mailto:holly.hill@encana.com)

### Allocation Procedures

#### Lybrook Trunk #1 Gathering System



\*Meter will only be installed and active when gas lift is installed.

**Base Data:**

- X = Gas Volume (MCF) from Custody Transfer Meter during allocation period. (Enterprise)
- R = Gas Volume (MCF) from Custody Transfer Buy Back Meter (Enterprise)\*
- W = Gas Volume (MCF) from allocation meters at individual wells during allocation period. (Encana)
- WI = Gas Volume (MCF) from well injection meter at individual wells during allocation period. (Encana)\*
- Y = Heating Value (BTU/scf) from Custody Transfer Meter and Custody Transfer Buy Back Meter during allocation period. (Enterprise)
- Z = Heating Value (BTU/scf) from individual well allocation meter and well injection meter. (Encana)

Allocation Period is typically a calendar month and will be the same for all wells.

Attachment No. 5  
Encana Oil & Gas (USA) Inc.  
Lybrook Trunk #1, Phase 1, Gathering System  
Sandoval County, NM  
Amendment Dated August 9, 2013

**Individual Well Gas Production** = A + B + C + D + E

A = Allocated Gas production off lease, MCF:  $((W-WI) / \text{SUM}(W-WI)) * (X-R)$

B = On lease fuel usage, MCF. Determined from equipment specification and operating conditions. This includes, but is not limited to, compression, vapor recovery unit (VRU) compression, burners, and pump jacks.

C = Lost and/or vented gas from well and/or lease equipment, MCF. Calculated using equipment and piping specifications and operating pressures.

D = Allocated fuel from gathering system equipment, MCF. The total fuel required to operate gathering system equipment will be allocated to the individual wells benefiting from the equipment using allocation factors determined by  $(W-WI) / \text{SUM}(W-WI)$ .

E = Allocated volume of gas lost and/or vented from the gathering system, gathering system equipment, condensate collection, and water collection in MCF. The total volume will be determined using industry accepted procedures at the time of the loss. The total volumes lost and/or vented will be allocated to the individual wells affected using factors determined by  $(W-WI) / \text{SUM}(W-WI)$ .

**Individual Well BTU's** =  $((W-WI) * Z) / \text{SUM}((W-WI) * Z) * Y$

Individual well gas heating values to be determined in accordance with BLM regulations.

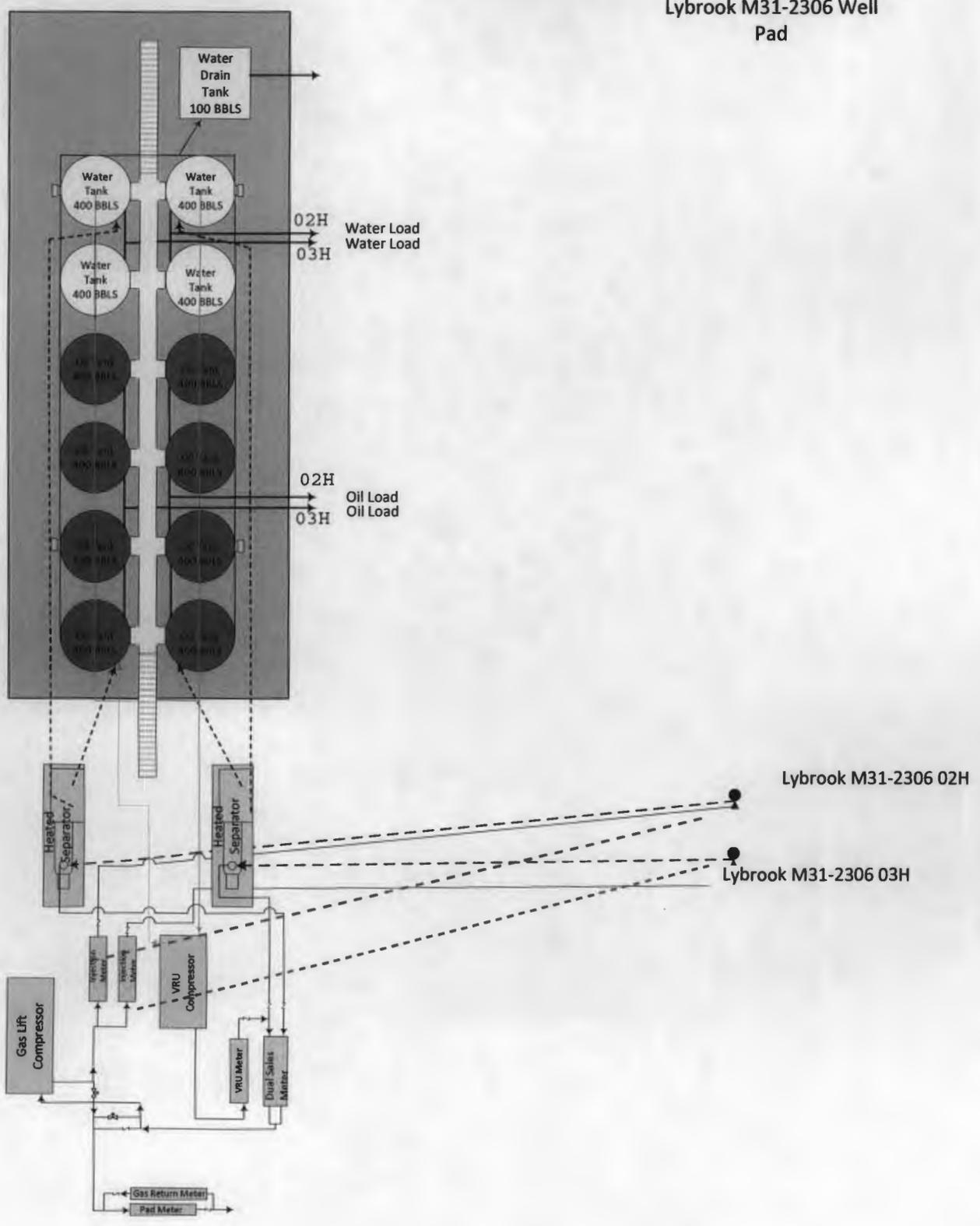
Attachment No. 6  
 Encana Oil & Gas (USA) Inc.  
 Lybrook Trunk #1, Phase 1, Gathering System  
 Sandoval County, NM  
 Amendment Dated August 9, 2013

Gas Lift Schematics and descriptions for each of the thirteen (13) well pads as follows attached herein:

Lybrook M31-2306	Lybrook M31-2306 02H
	Lybrook M31-2306 03H
Lybrook H01-2206 01H	Lybrook H01-2206 01H
Lybrook A01-2206 01H	Lybrook A01-2206 01H
Lybrook P24-2206 01H	Lybrook P24-2206 01H
Lybrook L29-2306 01H	Lybrook L29-2306 01H
Lybrook M29-2306 01H	Lybrook M29-2306 01H
Lybrook E29-2306 01H	Lybrook E29-2306 01H
	Lybrook E29-2306 03H
Lybrook B14-2206	Lybrook B14-2206 01H
	Lybrook B14-2206 02H
Lybroko M12-2206 01H	Lybrook M12-2206 01H
Lybroko N12-2206 01H	Lybrook N12-2206 02H
Lybrook H11-2206	Lybrook H11-2206 01H
	Lybrook H11-2206 03H
Lybrook P12-2206	Lybrook P12-2206 01H
	Lybrook P12-2206 03H
Lybrook M28-2306	Lybrook M28-2306 01H
	Lybrook M28-2306 02H

*Please note Attachment No. 6 contains twenty-seven (27) pages*

Lybrook M31-2306 Well Pad



FILENAME

NOT TO SCALE

DATE

## Gas Metering on the Lybrook M31-2306 Well Pad with Gas Lift

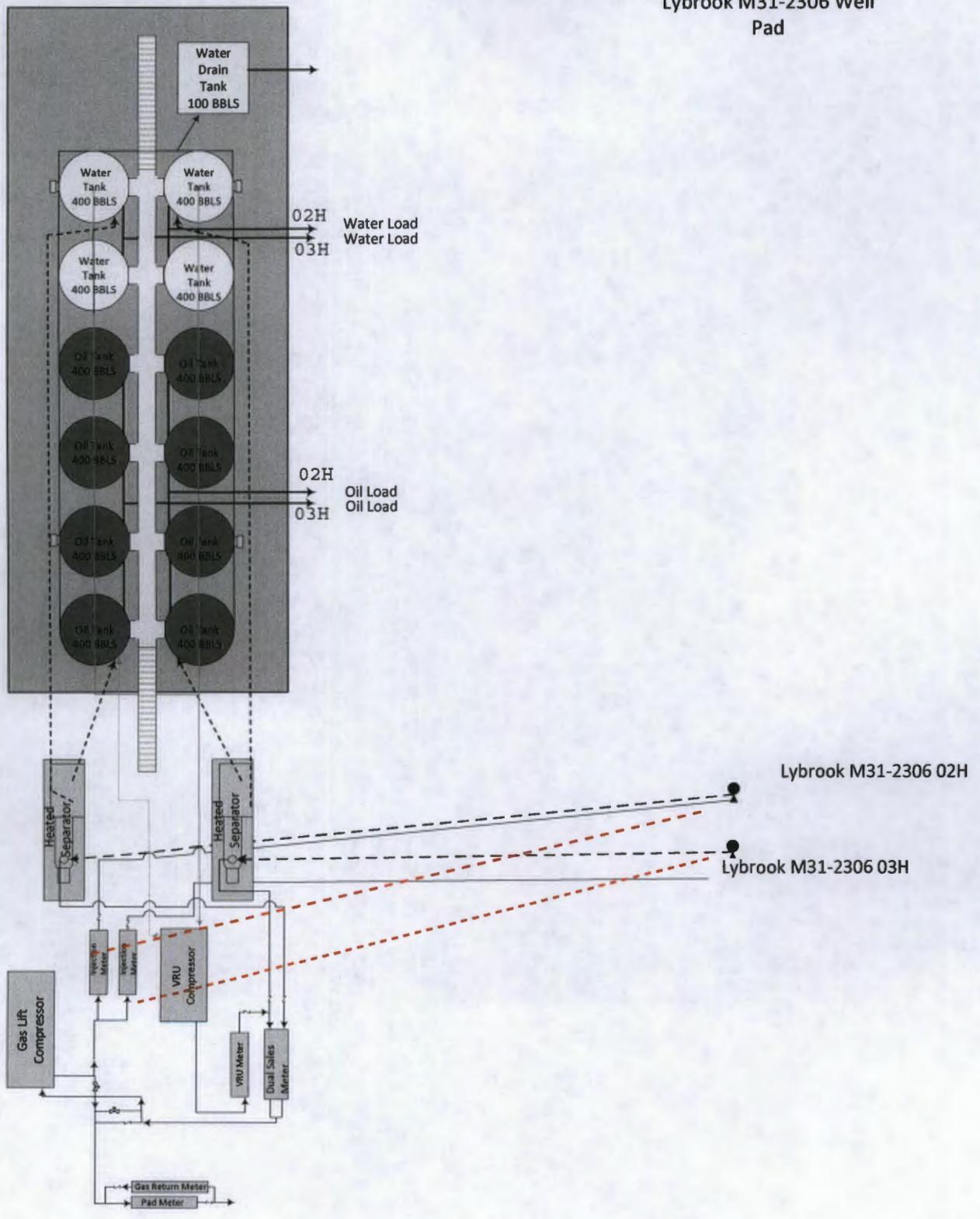
Outlined below is an overview of the additional metering that will be installed on the Lybrook M31-2306 well pad location due to the wells having gas lift installed on them. As this is a two well pad, additional meters will be installed for allocation purposes.

In order to minimize surface equipment on the pad, a common gas lift compressor will be utilized for the two Lybrook M31-2306 02H and 03H wells. This setup calls for additional metering compared to a single well gas lift system where the compressor is setup to pull and discharge gas upstream of the well pad meter. With a multi well system, the gas from each well is measured prior to going to the gas lift compressor. The compressed gas is either injected or sent to the custody transfer meter. The injected gas for each well is individually metered with an injection meter. In order to get the produced gas from each well, the injection metered volume is subtracted from the wellhead metered volume. An additional pad sales and gas return meter will be installed to ensure allocations from the Lybrook Trunk Pipeline #1 are correct.

For initial kick off, gas from the Lybrook Trunk #1 Pipeline will go through a gas return meter to the Lybrook M31-2306 pad to allow for initiation of production from the wells. The gas return meter is used to meter any gas that is moved from the Lybrook Trunk #1 Pipeline for kickoff and start up purposes only. This meter is installed in parallel to the sales meter and with the use of check valves, flow can only occur in one meter at a time. The gas return volume is expected to be minimal on a monthly basis. Once the wells are producing excess gas from what is being circulated, the gas will be sold and no return gas will be required. At the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

Finally, the Lybrook M31-2306 pad will be equipped with a VRU (vapor recovery unit). The VRU consists of an additional compressor and is gathering any vapors that are released off the tanks. The discharge of the VRU will be tied in upstream of the wellhead meter so the volume will be captured there. Initially, Encana will install an additional VRU meter for information purposes to help aid in equipment and modeling sizing and economics for future installations.

Lybrook M31-2306 Well Pad



FILENAME

NOT TO SCALE

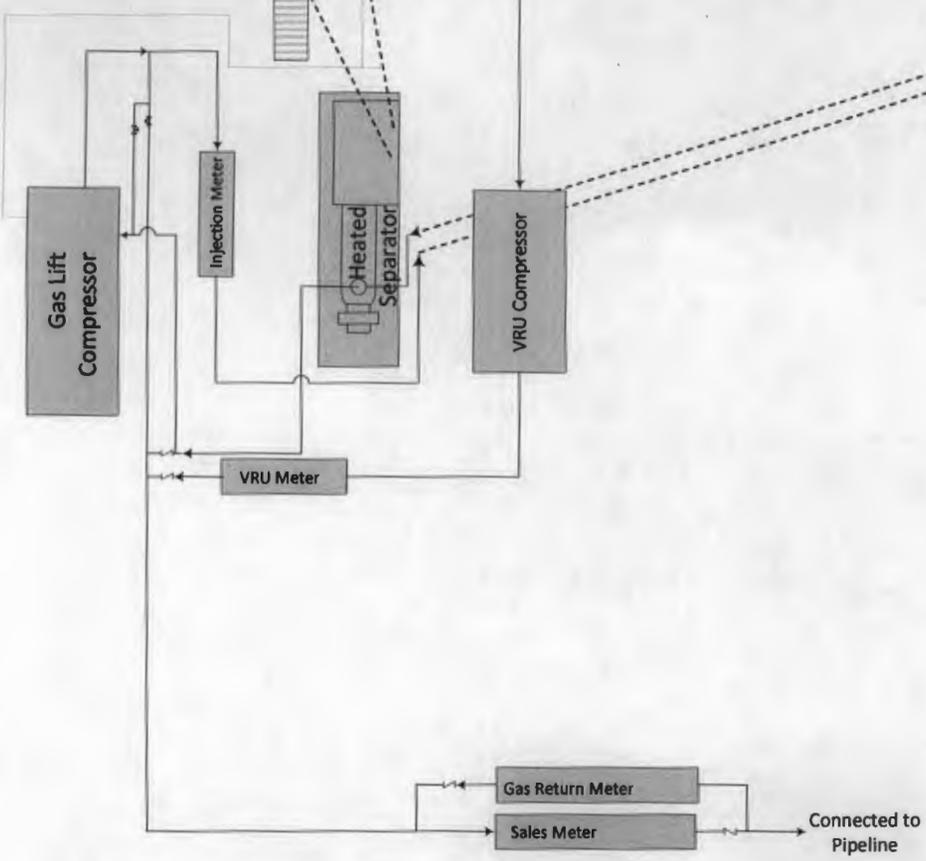
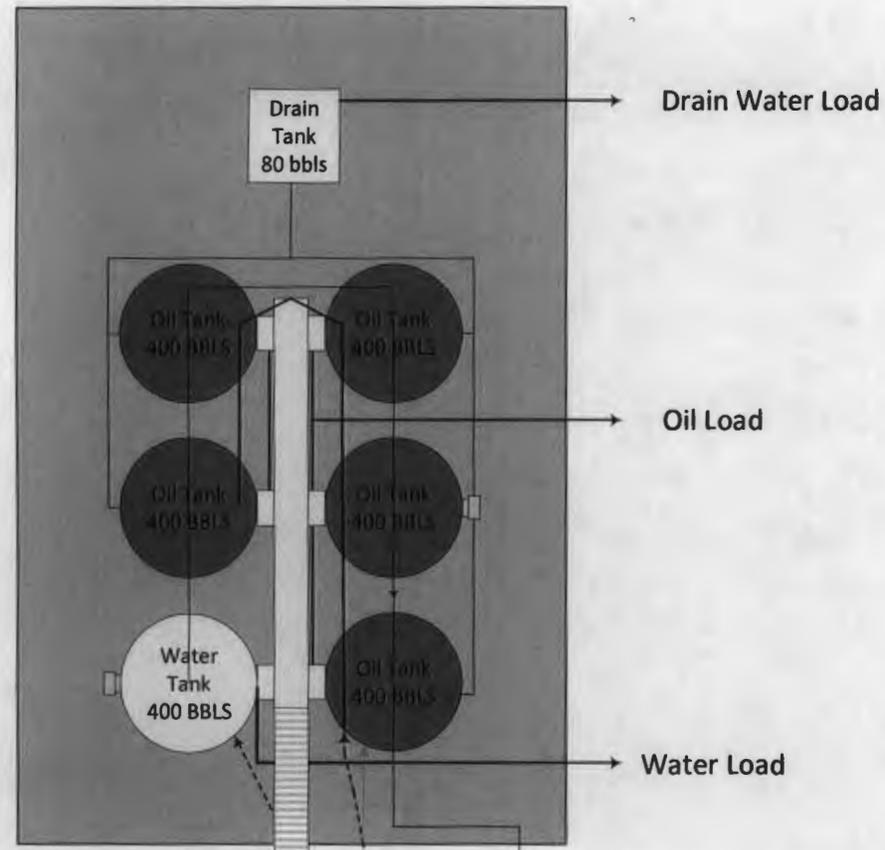
DATE

## Gas Metering on Lybrook H01-2206 01H with Gas Lift

The Lybrook H01-2206 01H will have two additional gas meters installed for use with the gas lift system. The typical sales gas meter continues to be used for the same functionality as if the well did not have gas lift. The additional meters are a gas return meter and an injection (for information purposes only) meter.

The gas return meter is used to meter any gas that is brought back from the Lybrook Trunk #1 Pipeline for kickoff and re-start purposes only. This meter will be installed parallel to the sales meter with check valves preventing back flow through either meter. The gas return volume is expected to be minimal on a monthly basis. Once the well is producing excess gas from what is being circulated, the gas is sold and no return gas is used. The only difference from a typical well setup is that at the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

The second additional meter on the pad is the injection meter which is used for metering the injection gas that is circulated through the wellbore. This meter is for informational / operational optimization purposes only. Since this meter is upstream of the sales meter, this meter is not used to calculate sales volumes.



Lybrook H01-2206 01H

**PROPOSED**

FILENAME

**NOT TO SCALE**

DATE

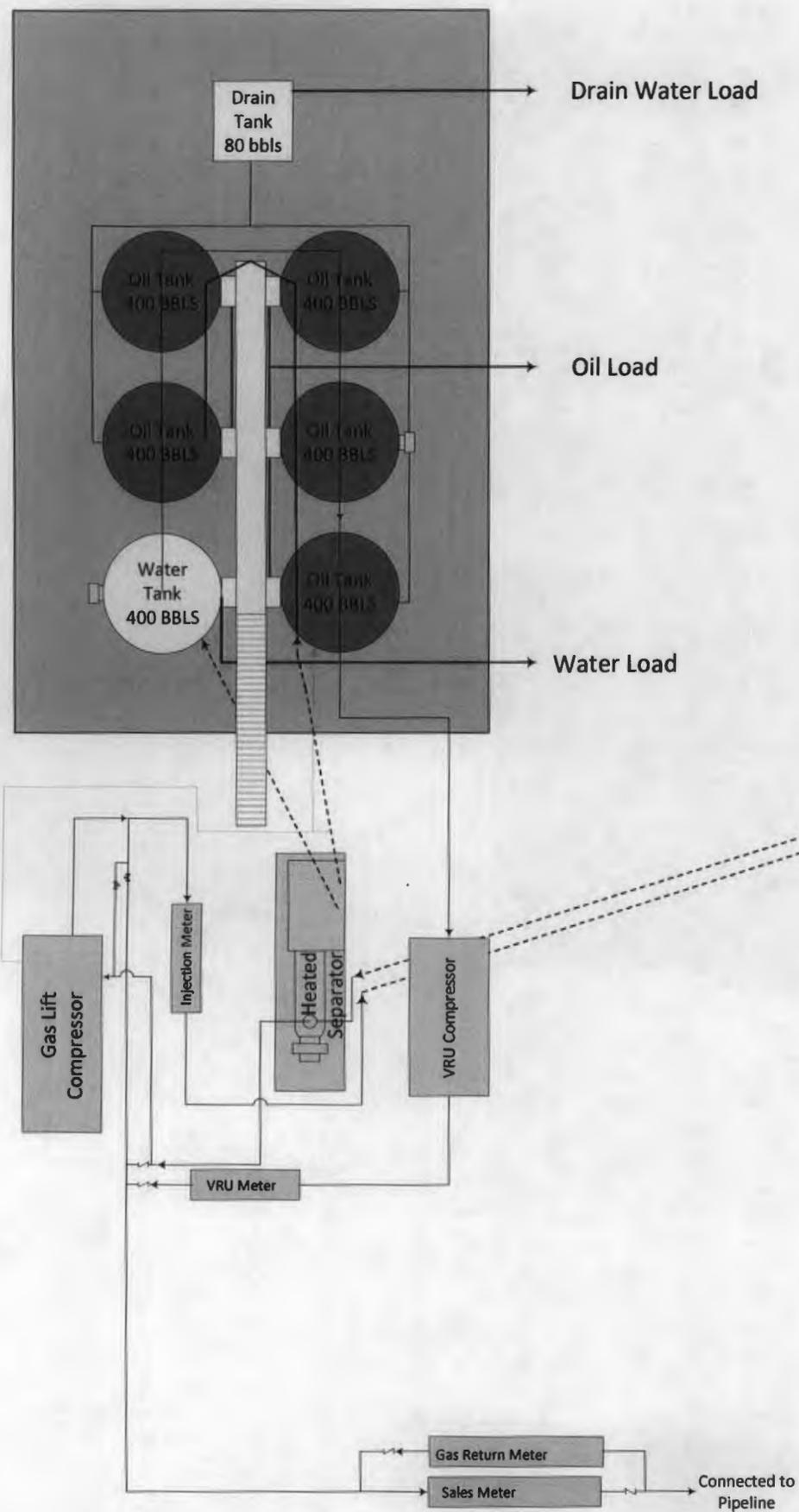
Connected to Pipeline

## Gas Metering on Lybrook A01-2206 01H with Gas Lift

The Lybrook A01-2206 01H will have two additional gas meters installed for use with the gas lift system. The typical sales gas meter continues to be used for the same functionality as if the well did not have gas lift. The additional meters are a gas return meter and an injection (for information purposes only) meter.

The gas return meter is used to meter any gas that is brought back from the Lybrook Trunk #1 Pipeline for kickoff and re-start purposes only. This meter will be installed parallel to the sales meter with check valves preventing back flow through either meter. The gas return volume is expected to be minimal on a monthly basis. Once the well is producing excess gas from what is being circulated, the gas is sold and no return gas is used. The only difference from a typical well setup is that at the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

The second additional meter on the pad is the injection meter which is used for metering the injection gas that is circulated through the wellbore. This meter is for informational / operational optimization purposes only. Since this meter is upstream of the sales meter, this meter is not used to calculate sales volumes.



Lybrook A01-2206 01H

**PROPOSED**

FILENAME

**NOT TO SCALE**

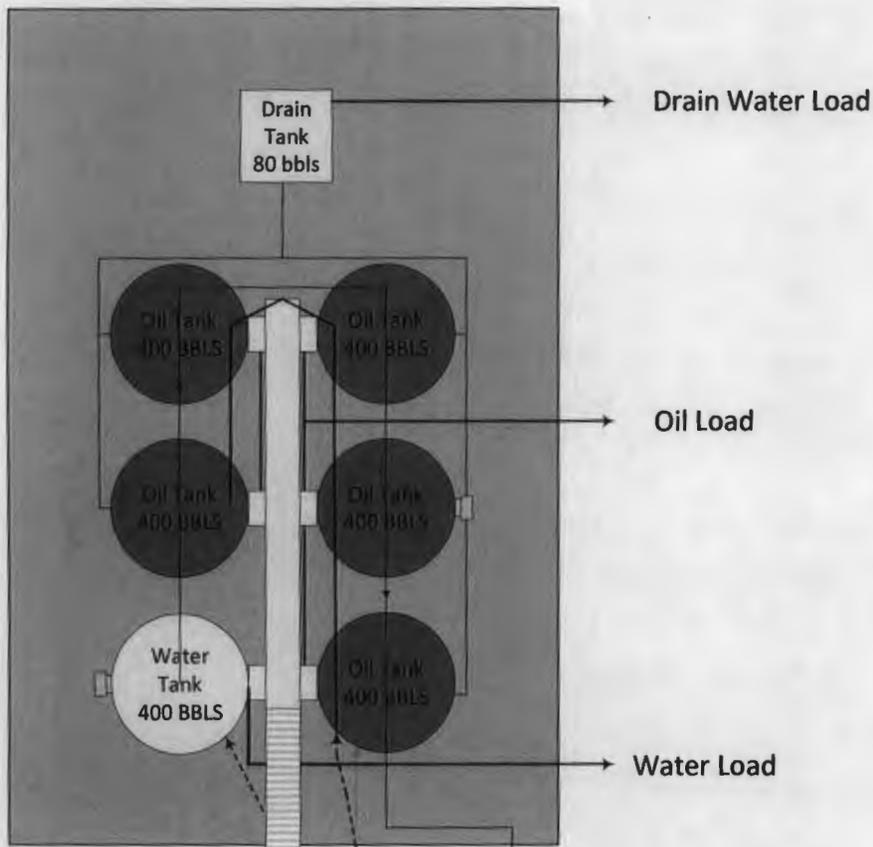
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## Gas Metering on Lybrook P24-2206 01H with Gas Lift

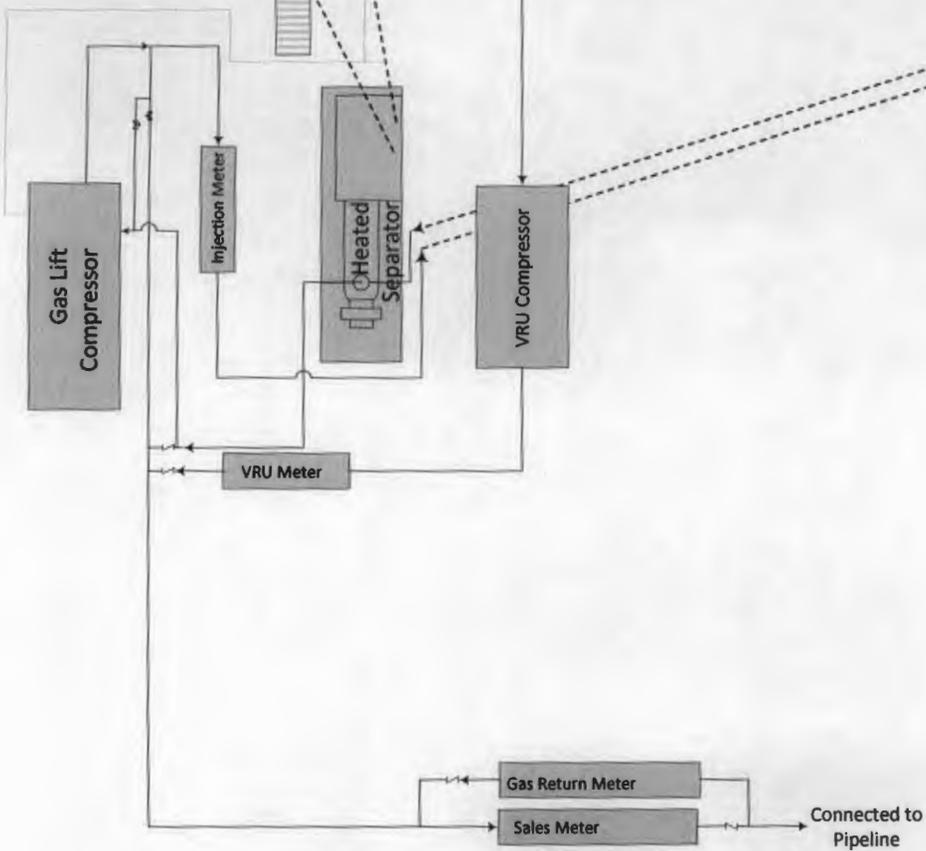
The Lybrook P24-2206 01H will have two additional gas meters installed for use with the gas lift system. The typical sales gas meter continues to be used for the same functionality as if the well did not have gas lift. The additional meters are a gas return meter and an injection (for information purposes only) meter.

The gas return meter is used to meter any gas that is brought back from the Lybrook Trunk #1 Pipeline for kickoff and re-start purposes only. This meter will be installed parallel to the sales meter with check valves preventing back flow through either meter. The gas return volume is expected to be minimal on a monthly basis. Once the well is producing excess gas from what is being circulated, the gas is sold and no return gas is used. The only difference from a typical well setup is that at the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

The second additional meter on the pad is the injection meter which is used for metering the injection gas that is circulated through the wellbore. This meter is for informational / operational optimization purposes only. Since this meter is upstream of the sales meter, this meter is not used to calculate sales volumes.



Lybrook P24-2206 01H



PROPOSED

FILENAME

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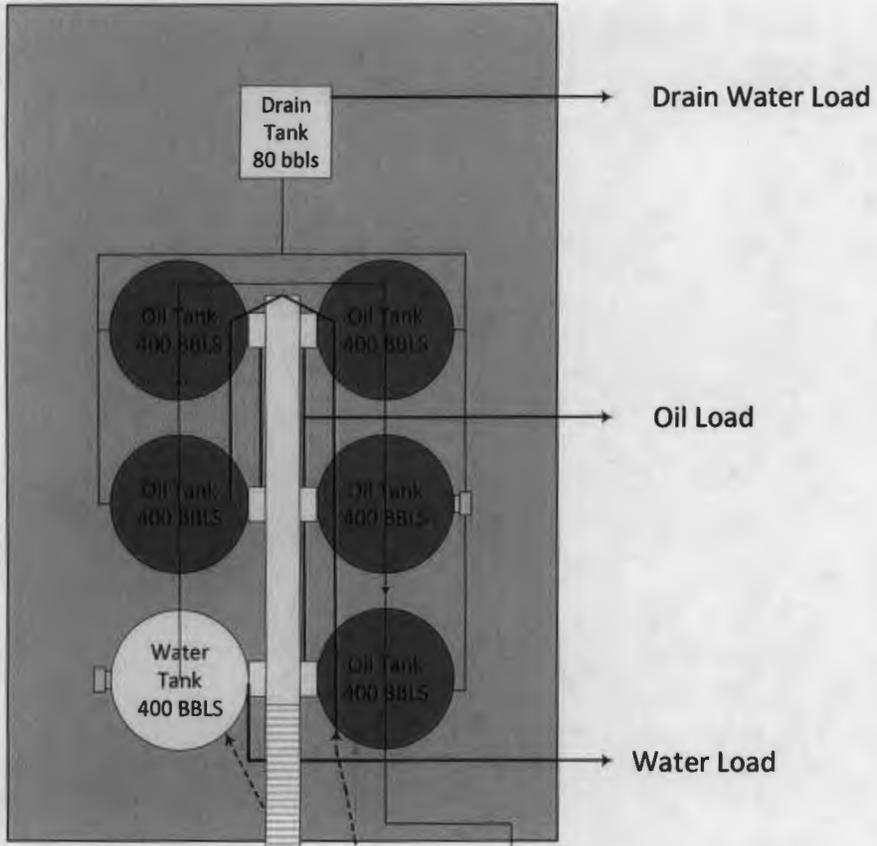
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## Gas Metering on Lybrook L29-2306 01H with Gas Lift

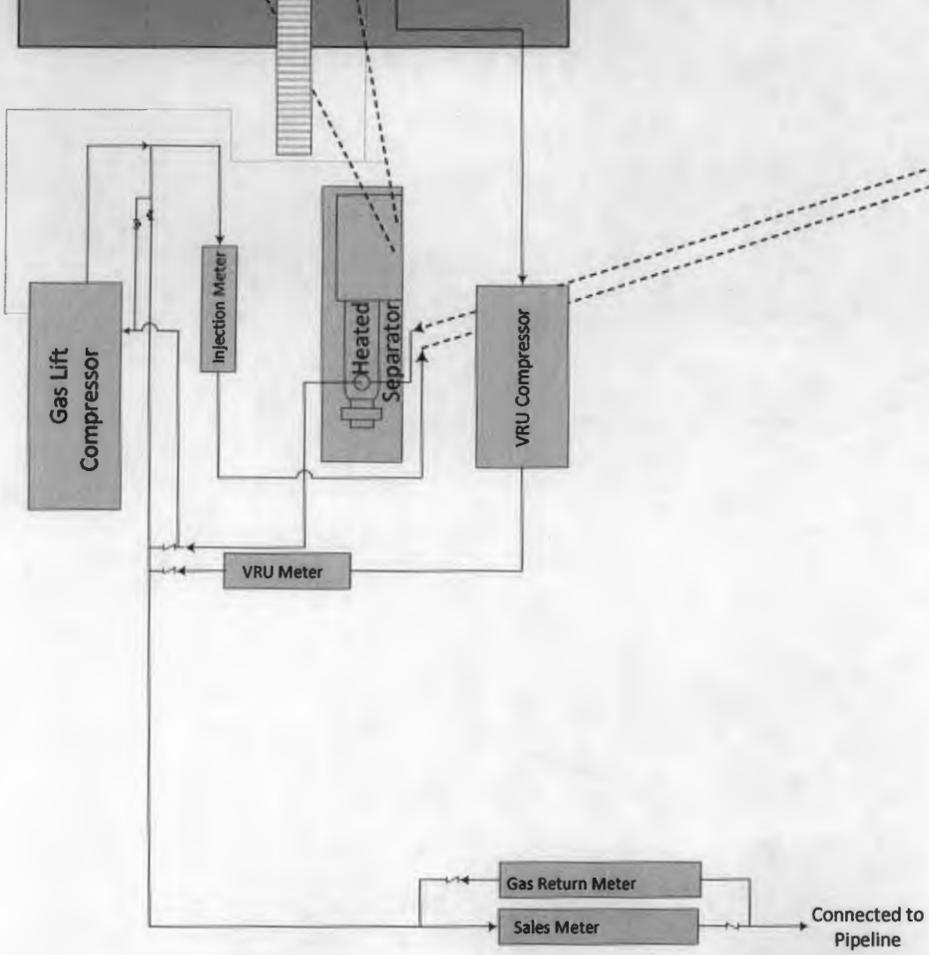
The Lybrook L29-2306 01H will have two additional gas meters installed for use with the gas lift system. The typical sales gas meter continues to be used for the same functionality as if the well did not have gas lift. The additional meters are a gas return meter and an injection (for information purposes only) meter.

The gas return meter is used to meter any gas that is brought back from the Lybrook Trunk #1 Pipeline for kickoff and re-start purposes only. This meter will be installed parallel to the sales meter with check valves preventing back flow through either meter. The gas return volume is expected to be minimal on a monthly basis. Once the well is producing excess gas from what is being circulated, the gas is sold and no return gas is used. The only difference from a typical well setup is that at the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

The second additional meter on the pad is the injection meter which is used for metering the injection gas that is circulated through the wellbore. This meter is for informational / operational optimization purposes only. Since this meter is upstream of the sales meter, this meter is not used to calculate sales volumes.



Lybrook L29-2306 01H



**PROPOSED**

FILENAME

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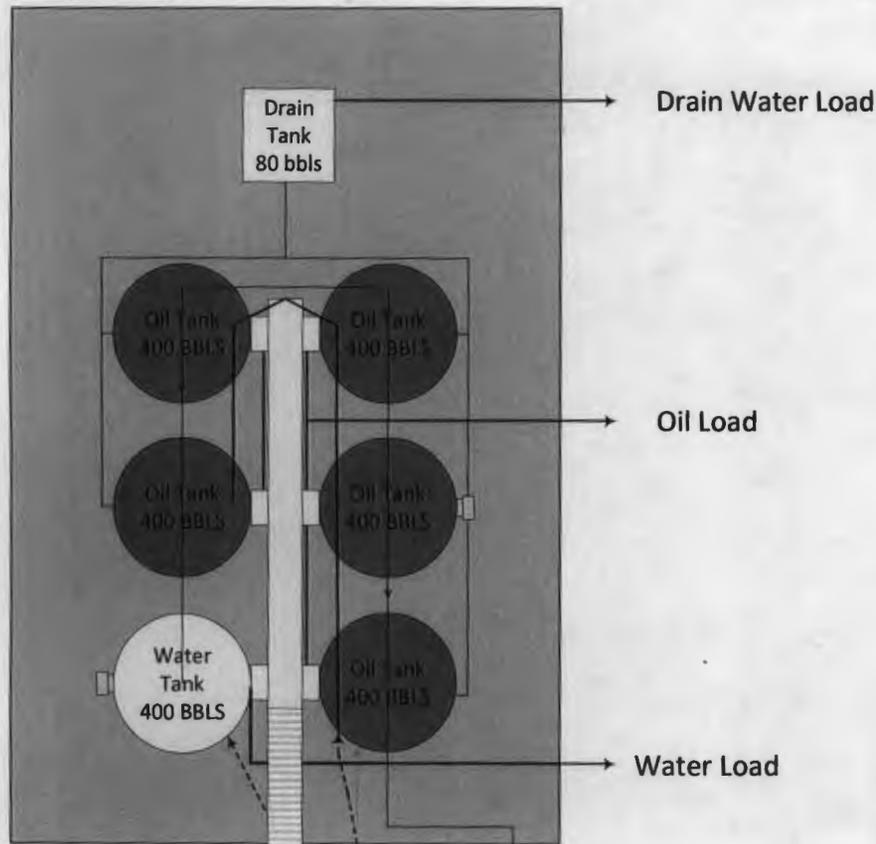
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## Gas Metering on Lybrook M29-2306 01H with Gas Lift

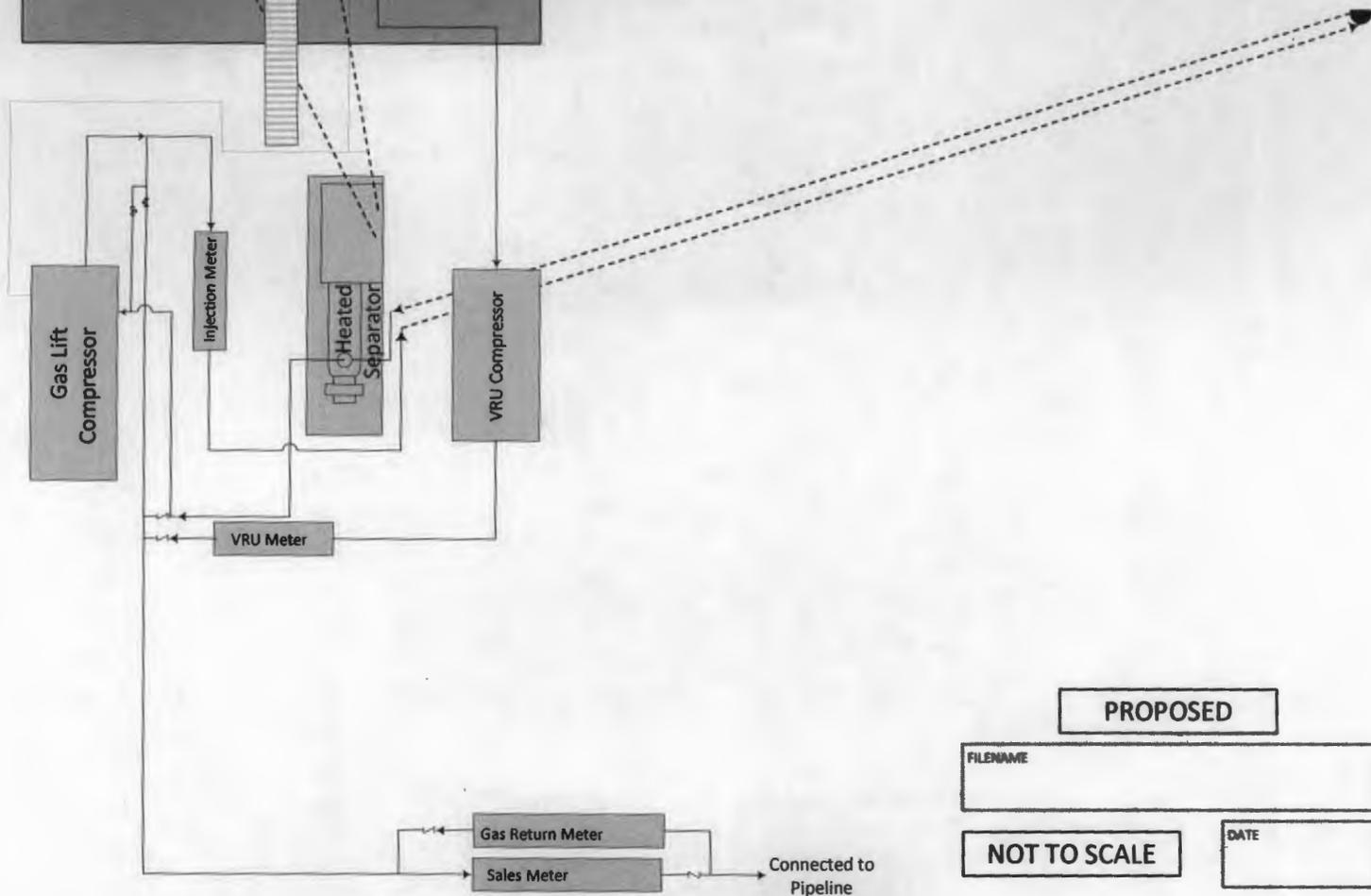
The Lybrook M29-2306 01H will have two additional gas meters installed for use with the gas lift system. The typical sales gas meter continues to be used for the same functionality as if the well did not have gas lift. The additional meters are a gas return meter and an injection (for information purposes only) meter.

The gas return meter is used to meter any gas that is brought back from the Lybrook Trunk #1 Pipeline for kickoff and re-start purposes only. This meter will be installed parallel to the sales meter with check valves preventing back flow through either meter. The gas return volume is expected to be minimal on a monthly basis. Once the well is producing excess gas from what is being circulated, the gas is sold and no return gas is used. The only difference from a typical well setup is that at the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

The second additional meter on the pad is the injection meter which is used for metering the injection gas that is circulated through the wellbore. This meter is for informational / operational optimization purposes only. Since this meter is upstream of the sales meter, this meter is not used to calculate sales volumes.



Lybrook M29-2306 01H



**PROPOSED**

FILENAME

**NOT TO SCALE**

DATE

## Gas Metering on the Lybrook E29-2306 Well Pad with Gas Lift

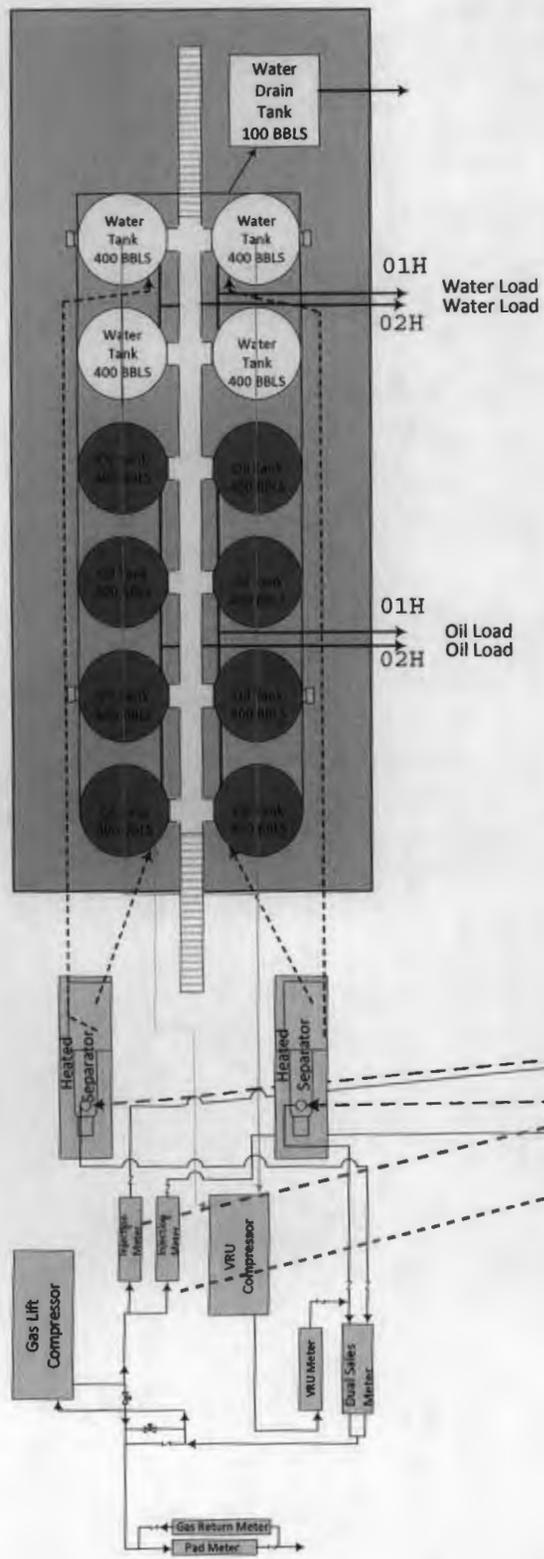
Outlined below is an overview of the additional metering that will be installed on the Lybrook E29-2306 well pad location due to the wells having gas lift installed on them. As this is a two well pad, additional meters will be installed for allocation purposes.

In order to minimize surface equipment on the pad, a common gas lift compressor will be utilized for the two Lybrook E29-2306 01H and 03H wells. This setup calls for additional metering compared to a single well gas lift system where the compressor is setup to pull and discharge gas upstream of the well pad meter. With a multi well system, the gas from each well is measured prior to going to the gas lift compressor. The compressed gas is either injected or sent to the custody transfer meter. The injected gas for each well is individually metered with an injection meter. In order to get the produced gas from each well, the injection metered volume is subtracted from the wellhead metered volume. An additional pad sales and gas return meter will be installed to ensure allocations from the Lybrook Trunk Pipeline #1 are correct.

For initial kick off, gas from the Lybrook Trunk #1 Pipeline will go through a gas return meter to the Lybrook E29-2306 pad to allow for initiation of production from the wells. The gas return meter is used to meter any gas that is moved from the Lybrook Trunk #1 Pipeline for kickoff and start up purposes only. This meter is installed in parallel to the sales meter and with the use of check valves, flow can only occur in one meter at a time. The gas return volume is expected to be minimal on a monthly basis. Once the wells are producing excess gas from what is being circulated, the gas will be sold and no return gas will be required. At the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

Finally, the Lybrook E29-2306 pad will be equipped with a VRU (vapor recovery unit). The VRU consists of an additional compressor and is gathering any vapors that are released off the tanks. The discharge of the VRU will be tied in upstream of the wellhead meter so the volume will be captured there. Initially, Encana will install an additional VRU meter for information purposes to help aid in equipment and modeling sizing and economics for future installations.

Lybrook B14-2206 Well Pad



Lybrook B14-2206 01H

Lybrook B14-2206 02H

FILENAME

NOT TO SCALE

DATE

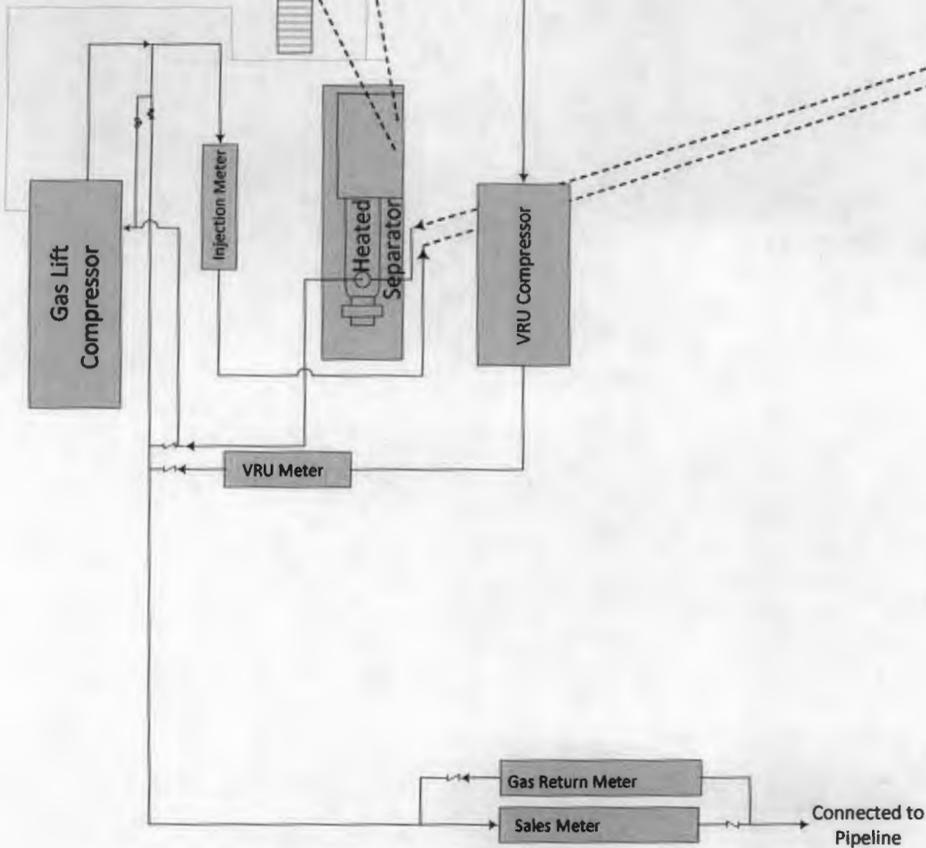
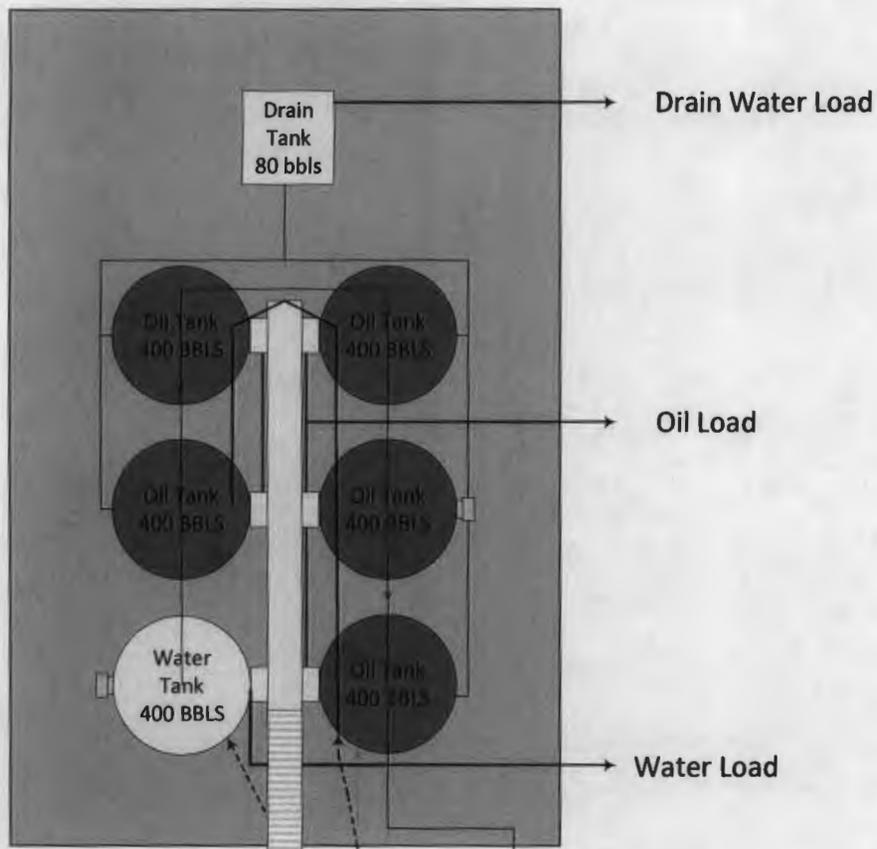
## Gas Metering on the Lybrook B14-2206 Well Pad with Gas Lift

Outlined below is an overview of the additional metering that will be installed on the Lybrook B14-2206 well pad location due to the wells having gas lift installed on them. As this is a two well pad, additional meters will be installed for allocation purposes.

In order to minimize surface equipment on the pad, a common gas lift compressor will be utilized for the two Lybrook B14-2206 01H and 02H wells. This setup calls for additional metering compared to a single well gas lift system where the compressor is setup to pull and discharge gas upstream of the well pad meter. With a multi well system, the gas from each well is measured prior to going to the gas lift compressor. The compressed gas is either injected or sent to the custody transfer meter. The injected gas for each well is individually metered with an injection meter. In order to get the produced gas from each well, the injection metered volume is subtracted from the wellhead metered volume. An additional pad sales and gas return meter will be installed to ensure allocations from the Lybrook Trunk Pipeline #1 are correct.

For initial kick off, gas from the Lybrook Trunk #1 Pipeline will go through a gas return meter to the Lybrook B14-2206 pad to allow for initiation of production from the wells. The gas return meter is used to meter any gas that is moved from the Lybrook Trunk #1 Pipeline for kickoff and start up purposes only. This meter is installed in parallel to the sales meter and with the use of check valves, flow can only occur in one meter at a time. The gas return volume is expected to be minimal on a monthly basis. Once the wells are producing excess gas from what is being circulated, the gas will be sold and no return gas will be required. At the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

Finally, the Lybrook B14-2206 pad will be equipped with a VRU (vapor recovery unit). The VRU consists of an additional compressor and is gathering any vapors that are released off the tanks. The discharge of the VRU will be tied in upstream of the wellhead meter so the volume will be captured there. Initially, Encana will install an additional VRU meter for information purposes to help aid in equipment and modeling sizing and economics for future installations.



Lybrook M12-2206 01H

**PROPOSED**

FILENAME

**NOT TO SCALE**

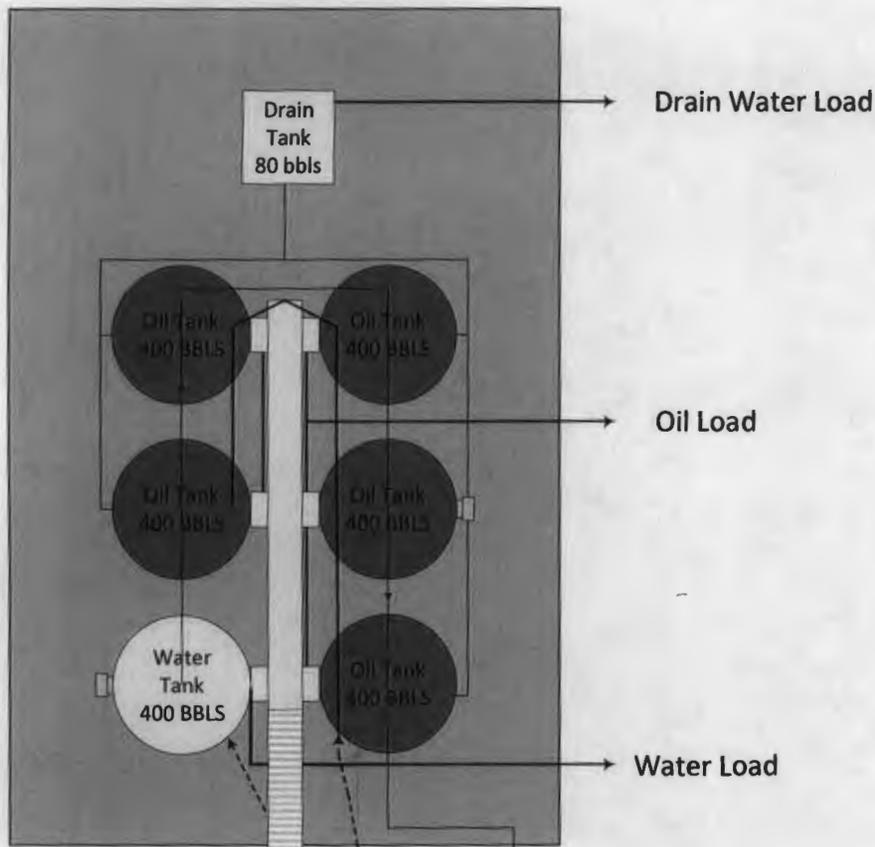
DATE

## Gas Metering on Lybrook M12-2206 01H with Gas Lift

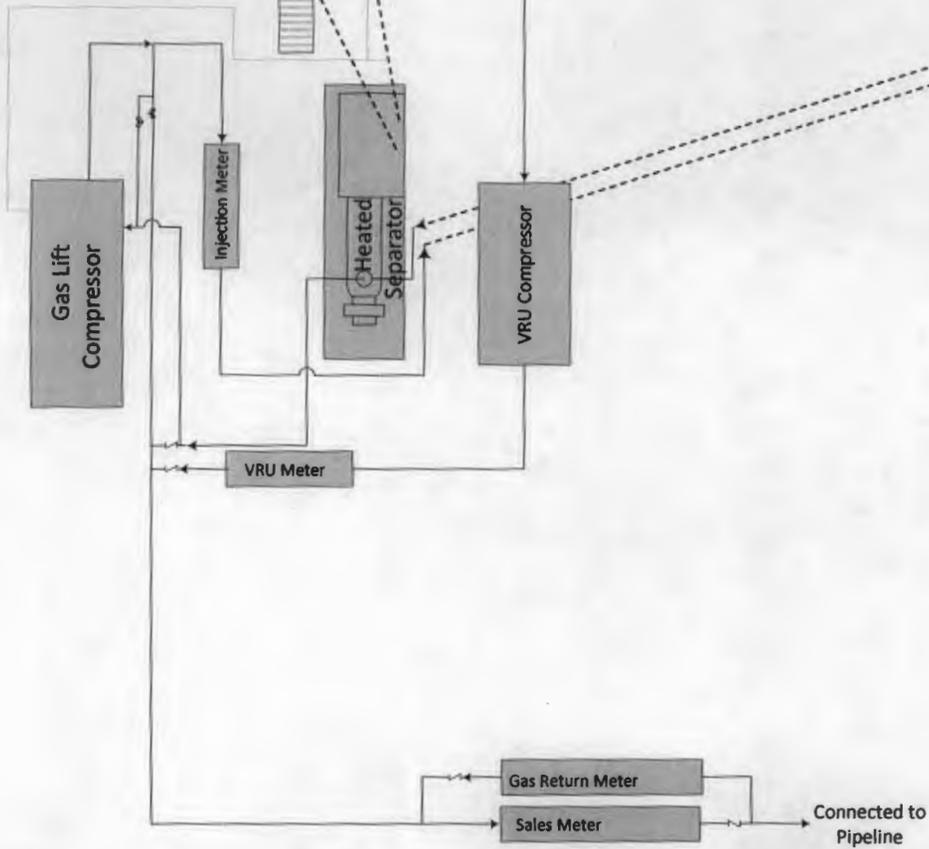
The Lybrook M12-2206 01H will have two additional gas meters installed for use with the gas lift system. The typical sales gas meter continues to be used for the same functionality as if the well did not have gas lift. The additional meters are a gas return meter and an injection (for information purposes only) meter.

The gas return meter is used to meter any gas that is brought back from the Lybrook Trunk #1 Pipeline for kickoff and re-start purposes only. This meter will be installed parallel to the sales meter with check valves preventing back flow through either meter. The gas return volume is expected to be minimal on a monthly basis. Once the well is producing excess gas from what is being circulated, the gas is sold and no return gas is used. The only difference from a typical well setup is that at the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

The second additional meter on the pad is the injection meter which is used for metering the injection gas that is circulated through the wellbore. This meter is for informational / operational optimization purposes only. Since this meter is upstream of the sales meter, this meter is not used to calculate sales volumes.



Lybrook N12-2206 01H



PROPOSED

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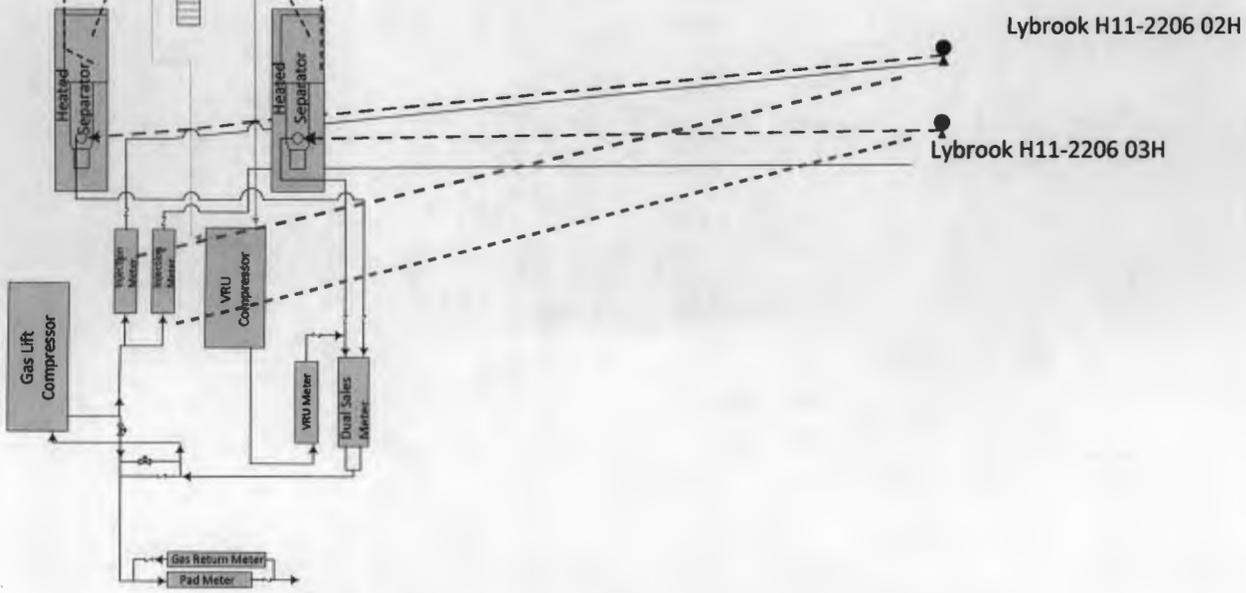
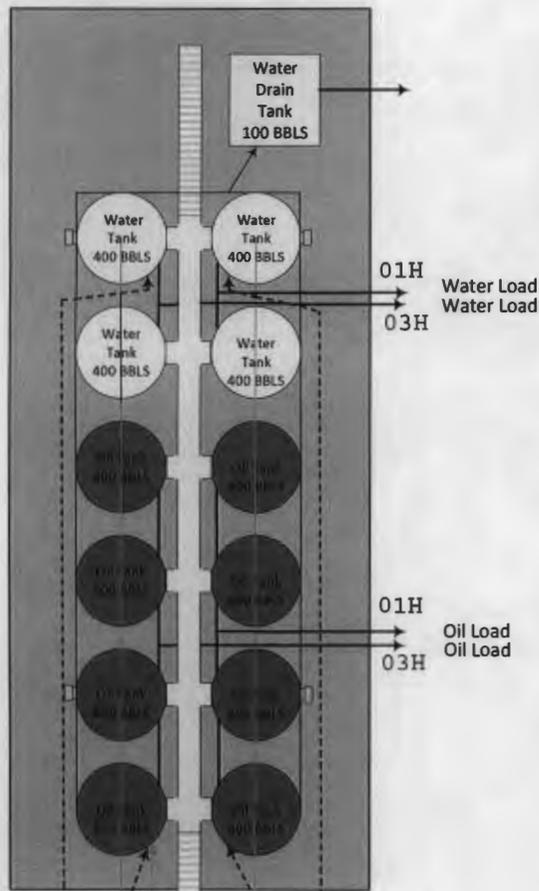
## Gas Metering on Lybrook N12-2206 01H with Gas Lift

The Lybrook N12-2206 01H will have two additional gas meters installed for use with the gas lift system. The typical sales gas meter continues to be used for the same functionality as if the well did not have gas lift. The additional meters are a gas return meter and an injection (for information purposes only) meter.

The gas return meter is used to meter any gas that is brought back from the Lybrook Trunk #1 Pipeline for kickoff and re-start purposes only. This meter will be installed parallel to the sales meter with check valves preventing back flow through either meter. The gas return volume is expected to be minimal on a monthly basis. Once the well is producing excess gas from what is being circulated, the gas is sold and no return gas is used. The only difference from a typical well setup is that at the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

The second additional meter on the pad is the injection meter which is used for metering the injection gas that is circulated through the wellbore. This meter is for informational / operational optimization purposes only. Since this meter is upstream of the sales meter, this meter is not used to calculate sales volumes.

Lybrook H11-2206 Well Pad



FILENAME

NOT TO SCALE

DATE

## Gas Metering on the Lybrook H11-2206 Well Pad with Gas Lift

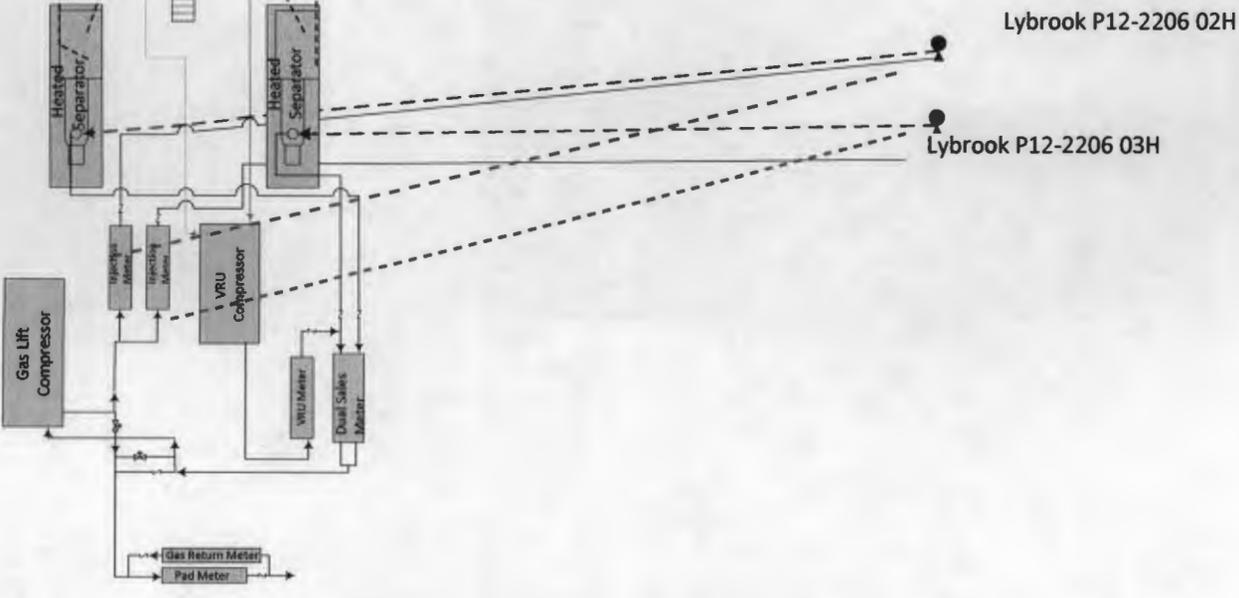
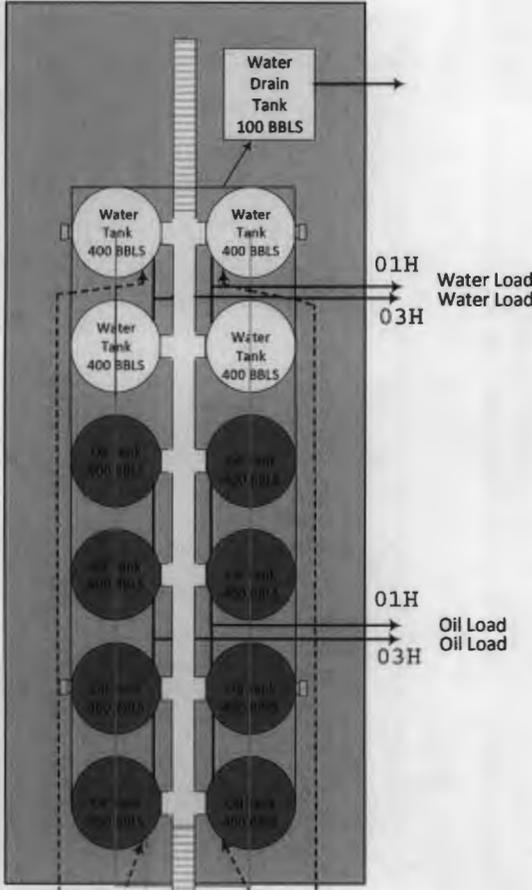
Outlined below is an overview of the additional metering that will be installed on the Lybrook H11-2206 well pad location due to the wells having gas lift installed on them. As this is a two well pad, additional meters will be installed for allocation purposes.

In order to minimize surface equipment on the pad, a common gas lift compressor will be utilized for the two Lybrook H11-2206 01H and 03H wells. This setup calls for additional metering compared to a single well gas lift system where the compressor is setup to pull and discharge gas upstream of the well pad meter. With a multi well system, the gas from each well is measured prior to going to the gas lift compressor. The compressed gas is either injected or sent to the custody transfer meter. The injected gas for each well is individually metered with an injection meter. In order to get the produced gas from each well, the injection metered volume is subtracted from the wellhead metered volume. An additional pad sales and gas return meter will be installed to ensure allocations from the Lybrook Trunk Pipeline #1 are correct.

For initial kick off, gas from the Lybrook Trunk #1 Pipeline will go through a gas return meter to the Lybrook H11-2206 pad to allow for initiation of production from the wells. The gas return meter is used to meter any gas that is moved from the Lybrook Trunk #1 Pipeline for kickoff and start up purposes only. This meter is installed in parallel to the sales meter and with the use of check valves, flow can only occur in one meter at a time. The gas return volume is expected to be minimal on a monthly basis. Once the wells are producing excess gas from what is being circulated, the gas will be sold and no return gas will be required. At the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

Finally, the Lybrook H11-2206 pad will be equipped with a VRU (vapor recovery unit). The VRU consists of an additional compressor and is gathering any vapors that are released off the tanks. The discharge of the VRU will be tied in upstream of the wellhead meter so the volume will be captured there. Initially, Encana will install an additional VRU meter for information purposes to help aid in equipment and modeling sizing and economics for future installations.

Lybrook P12-2206 Well Pad



FILENAME

NOT TO SCALE

DATE

## Gas Metering on the Lybrook P12-2206 Well Pad with Gas Lift

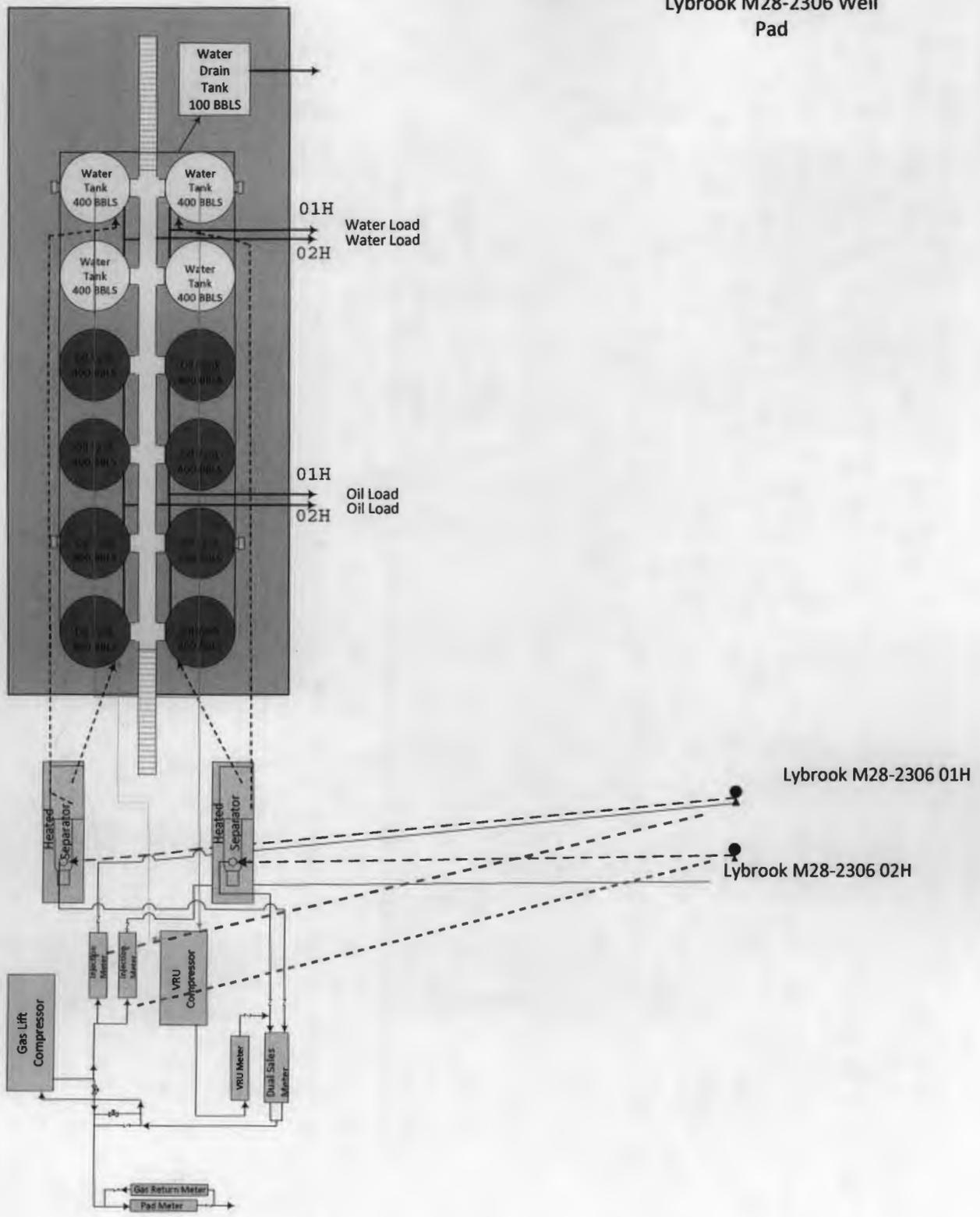
Outlined below is an overview of the additional metering that will be installed on the Lybrook P12-2e06 well pad location due to the wells having gas lift installed on them. As this is a two well pad, additional meters will be installed for allocation purposes.

In order to minimize surface equipment on the pad, a common gas lift compressor will be utilized for the two Lybrook P12-2206 01H and 03H wells. This setup calls for additional metering compared to a single well gas lift system where the compressor is setup to pull and discharge gas upstream of the well pad meter. With a multi well system, the gas from each well is measured prior to going to the gas lift compressor. The compressed gas is either injected or sent to the custody transfer meter. The injected gas for each well is individually metered with an injection meter. In order to get the produced gas from each well, the injection metered volume is subtracted from the wellhead metered volume. An additional pad sales and gas return meter will be installed to ensure allocations from the Lybrook Trunk Pipeline #1 are correct.

For initial kick off, gas from the Lybrook Trunk #1 Pipeline will go through a gas return meter to the Lybrook P12-2206 pad to allow for initiation of production from the wells. The gas return meter is used to meter any gas that is moved from the Lybrook Trunk #1 Pipeline for kickoff and start up purposes only. This meter is installed in parallel to the sales meter and with the use of check valves, flow can only occur in one meter at a time. The gas return volume is expected to be minimal on a monthly basis. Once the wells are producing excess gas from what is being circulated, the gas will be sold and no return gas will be required. At the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

Finally, the Lybrook P12-2206 pad will be equipped with a VRU (vapor recovery unit). The VRU consists of an additional compressor and is gathering any vapors that are released off the tanks. The discharge of the VRU will be tied in upstream of the wellhead meter so the volume will be captured there. Initially, Encana will install an additional VRU meter for information purposes to help aid in equipment and modeling sizing and economics for future installations.

Lybrook M28-2306 Well Pad



FILENAME

NOT TO SCALE

DATE

## Gas Metering on the Lybrook M28-2306 Well Pad with Gas Lift

Outlined below is an overview of the additional metering that will be installed on the Lybrook M28-2306 well pad location due to the wells having gas lift installed on them. As this is a two well pad, additional meters will be installed for allocation purposes.

In order to minimize surface equipment on the pad, a common gas lift compressor will be utilized for the two Lybrook M28-2306 01H and 02H wells. This setup calls for additional metering compared to a single well gas lift system where the compressor is setup to pull and discharge gas upstream of the well pad meter. With a multi well system, the gas from each well is measured prior to going to the gas lift compressor. The compressed gas is either injected or sent to the custody transfer meter. The injected gas for each well is individually metered with an injection meter. In order to get the produced gas from each well, the injection metered volume is subtracted from the wellhead metered volume. An additional pad sales and gas return meter will be installed to ensure allocations from the Lybrook Trunk Pipeline #1 are correct.

For initial kick off, gas from the Lybrook Trunk #1 Pipeline will go through a gas return meter to the Lybrook M28-2306 pad to allow for initiation of production from the wells. The gas return meter is used to meter any gas that is moved from the Lybrook Trunk #1 Pipeline for kickoff and start up purposes only. This meter is installed in parallel to the sales meter and with the use of check valves, flow can only occur in one meter at a time. The gas return volume is expected to be minimal on a monthly basis. Once the wells are producing excess gas from what is being circulated, the gas will be sold and no return gas will be required. At the end of the month, the sales meter and gas return meter are combined to determine the net sales volume.

Finally, the Lybrook M28-2306 pad will be equipped with a VRU (vapor recovery unit). The VRU consists of an additional compressor and is gathering any vapors that are released off the tanks. The discharge of the VRU will be tied in upstream of the wellhead meter so the volume will be captured there. Initially, Encana will install an additional VRU meter for information purposes to help aid in equipment and modeling sizing and economics for future installations.