LOGGED IN 09/25/3

TYPEPLC

e-mail Address

Amend

RPRG 1326930143

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



PLC-373-B

		ADMINISTRATIVE APPLIC	ATION CHECKLIS	T
Th	HIS CHECKLIST IS N	IANDATORY FOR ALL ADMINISTRATIVE APPLICATION WHICH REQUIRE PROCESSING AT THE D		ILES AND REGULATIONS
Applic	[DHC-Dow [PC-Pe	is: Indard Location] [NSP-Non-Standard Pron Inhole Commingling] [CTB-Lease Comm Indicol Commingling] [OLS - Off-Lease Store	ation Unit] [SD-Simultaneous lingling] [PLC-Pool/Lease G age] [OLM-Off-Lease Meas ssure Maintenance Expansio ection Pressure Increase]	Commingling] urement] on]
[1]	[A]	PPLICATION - Check Those Which Appl Location - Spacing Unit - Simultaneous I NSL NSP SD k One Only for [B] or [C] Commingling - Storage - Measurement	Dedication	Encara Oil & Gas Lybrook Trunkling
	[C]		PC OLS OLM Enhanced Oil Recovery IPI EOR PPR C-373-A	Encara Oil & Gas Lybrook Truncline #1 GS Multiple wells
[2]	NOTIFICAT	TION REQUIRED TO: - Check Those Wh	nich Apply, or □ Does Not App	oly
	[B]	Offset Operators, Leaseholders or S	urface Owner	
	[C]	Application is One Which Requires	Published Legal Notice	
	[D]	Notification and/or Concurrent App U.S. Bureau of Land Management - Commissioner of P	proval by BLM of SLO Public Lands, State Land Office	
	[E]		cation or Publication is Attach at No. 4 presents copies of notification to ceipt (RR). Upon receipt of RRs, copies v	interest owners mailed Certified/
	[F]	Waivers are Attached		
[3]		CCURATE AND COMPLETE INFORM ATION INDICATED ABOVE.	ATION REQUIRED TO PR	OCESS THE TYPE
	val is <mark>accurate</mark> a	ATION: I hereby certify that the information and complete to the best of my knowledge. equired information and notifications are su	I also understand that no acti	
Holly Hil		e: Statement must be completed by an individual w	*	capacity. 8-/9//3
	r Type Name	Signature	Title	Date
			holly.hill@encana.com	

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



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] Location - Spacing Unit - Simultaneous Dedication \square NSL \square NSP \square SD Check One Only for [B] or [C] [B] Commingling - Storage - Measurement □ DHC □ CTB □ PLC □ PC □ OLS □ OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] □ WFX □ PMX □ SWD □ IPI □ EOR □ PPR [D] Other: Specify [2] **NOTIFICATION REQUIRED TO: -** Check Those Which Apply, or Does Not Apply 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 SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE [3] 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. Date Print or Type Name Title Signature

e-mail Address

<u>District I</u> 1625 N. French Drive, Hobbs, NM 88240 District II

District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV

E-MAIL ADDRESS: holly hill a encana.com

1220 S. St Francis Dr. Santa Fe, NM 87505 State of New Mexico

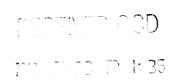
Energy, Minerals and Natural Resources Department

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.

APPLICA	ATION FOR SURFACE (COMMINGLING	(DIVERSE	OWNERSHIP)			
OPERATOR NAME:	Encana Oil & Gas (USA) Inc.						
OPERATOR ADDRESS: 370 17 th Street, Suite 1700, Denver, CO 80202							
APPLICATION TYPE:							
☐ Pool Commingling ☐Lease	Commingling Pool and Lease Cor	mmingling Off-Lease	Storage and Measur	ement (Only if not Surface	Commingled)		
LEASE TYPE:	State 🛛 Feder	ral					
	ting Order? ⊠Yes □No If nagement (BLM) and State Land				ingling		
	• •	L COMMINGLINGS with the following in					
Gravities / BTU of Non-Commingled Production Gravities / BTU of Calculated Gravities / BTU of Commingled Production Calculated Value of Commingled Production Commingled Production Commingled Production Commingled Production Commingled Production Calculated Value of Calculated Va							
Lybrook Gallup (42289)	41° APV1350 BTU	Only gas to be commingled		Only gas to be commingled	5 – 500 mcfd		
Wildcat Gallup (97981)	41° API/1350 BTU	1350 BTU		Value = +/- \$3.30 mmbtu	5 - 500 mcfd		
Basin Mancos (
(5) Will commingling decrease	e the value of production? Yes	No If "yes", descri		ing should be approved			
		s with the following in					
(1) Pool Name and Code.							
	e source of supply? Yes No notified by certified mail of the prop		□Yes □N	۵			
(4) Measurement type: Me		oscu comminging:		U			
	(C) POOL and	LEASE COMMIN	GLING				
		s with the following in					
(1) Complete Sections A and I	***						
	(D) OFF-LEASE ST	ORAGE and MEA	SUREMENT	144			
		ts with the following	information				
-	(1) Is all production from same source of supply? Yes						
(E) ADDITIONAL INFORMATION (for all application types) Please attach sheets with the following information							
(1) A schematic diagram of fa	cility, including legal location. See A		The state of the s		·		
(2) A plat with lease boundarie	es showing all well and facility locati	ions. Include lease numbe		ate lands are involved. A	ttachment No.2		
(3) Lease Names, Lease and Well Numbers, and API Numbers. See Attachment No. I							
I hereby certify that the informat	ion above is true and complete to the	best of my knowledge an	d belief.	***************************************	} /		
SIGNATURE: JJELO	7 4/04 TI	TLE: Regulatory Analyst		DATE:_&	19/13		
TYPE OR PRINT NAME; Holly Hill TELEPHONE NO.: 720-876-5331							





September 19, 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. Pete Martinez
Oil, Gas & Minerals Division
New Mexico State Land Office
PO Box 1148
Santa Fe, NM 87504

Re: Revisions to Amendment to NMOCD Order PLC-373

Dated August 9th, 2013

Lybrook Trunk Line #1 Gathering System

Sandoval County, New Mexico

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

On August 9th, 2013 Encana Oil & Gas (USA) Inc. (Encana) submitted a request for Administrative Approval (Amendment) to tie-in additional nineteen (19) additional wells to the Lybrook Gathering System #1 (LGS), which was originally approved by the New Mexico Oil Conservation Division (NMOCD) in order number PLC-373 on April 29, 2013 (the Amendment was approved on September 11, 2013 by order number PLC-373-A/OLM-82). 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. The Amendment further requested approval for Off Lease Measurement and Sale of Natural Gas, and in some cases, Off Lease Sale and Transportation of Oil and Condensate for the additional nineteen (19) wells.

More to the point, four (4) items have changed since said Amendment was filed with all of the aforementioned offices due to well pad location changes and discussions with the BLM regarding the Instructional Memorandum (IM) dated July 3, 2013; which specifically addressed the BLM's future proceedings and regulations regarding commingling.

The four (4) items that have been modified in the Amendment dated August 9th are as follows:

Modification 1: Attachment No. 1: Which presents the following information:

1) Wells

2) Leases

3) Pool information

4) Projected gas rate for individual wells

5) Projected gas rate for leases

6) Projected gas percentage in the LGS for the wells

7) Projected initial gas heating value through ~1st 6 months

8) Projected gas heating value after ~1st 6 months

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

CHANGES: Due to discussions with the BLM at well site location reviews the Lybrook L29-2306 01H will be moved to the NWNW of Section 32, T23N R6W, which will require the name to be changed to the <u>Lybrook D32-2306 01H</u>. Similarly, the Lybrook M29-2306 01H will be moved to the NESE of Section 30, T23N R6W, which will require the name to be changed to the <u>Lybrook I30-2306 01H</u>. The Project Areas for both wells will not change. The revised Attachment No. 1 is enclosed.



In line with the well pad location changes and new names for these locations, **Attachment No. 3 has been updated** to reflect the well name changes and is attached herein.

Please replace the items provided August 9th, 2013 with the revised Attachment No. 1 and Attachment No. 3, enclosed.

Modification 2: Attachment No. 2a: Which presents a map of the LGS pipeline, depicting all twenty (20) well pads (which represents 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.

CHANGES: Please note Encana has added lease boundaries and has corrected the Project Areas for the Lybrook M31-2306 01H and Lybrook M31-2306 02H, which were not shown in the correct Section, Township and Range in the Amendment. Furthermore, the Lybrook D32-2306 01H (fka Lybrook L29-2306 01H) and Lybrook I30-2306 01H (fka Lybrook M29-2306 01H) have been added. Please note the Project Areas for these wells have not changed, only the surface hole location. For your files, please find enclosed a NMOCD Form C-102 for the Lybrook D32-2306 01H and Lybrook I30-2306 01H which depict the well dedication acreage.

Please replace the items provided August 9th, 2013 with the revised items for Attachment No. 2a, enclosed. Additionally, please add the NMOCD Forms C-102 for the Lybrook D32-2306 01H and the Lybrook I30-2306 01H in lieu of the Lybrook L29-2306 01H and Lybrook M29-2306 01H respectively.

Modification 3: Attachment No. 5: Which presents the allocation procedures for the LGS; including an example of how the allocation method is applied; was revised according to discussions with the BLM regarding the IM dated July 3, 2013.

CHANGES: Encana has devised an allocation method for single well pads and multiple well pads which are attached herein. Regardless, Encana still 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.

Please replace the items provided August 9th, 2013 with the revised items for Attachment No. 5, enclosed.

Modification 4: Attachment No. 6: Which presents gas lift well pad schematics and descriptions for the twenty (20) well pads to be connected to the LGS have been modified to more accurately depict the location of the well head allocation meter and well pad allocation meter as well as the path the natural gas will follow from the well pad to custody transfer. Regardless, 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 enclosed; which also depicts a list of proposed equipment. Encana requests the use of fuel to operate the gas lifts installed for each well.

Please replace the items provided August 9th, 2013 with the revised items for Attachment No. 6, enclosed.

Should you have any questions or concerns, please feel free to contact me directly at 720-876-5331 with any questions or concerns.

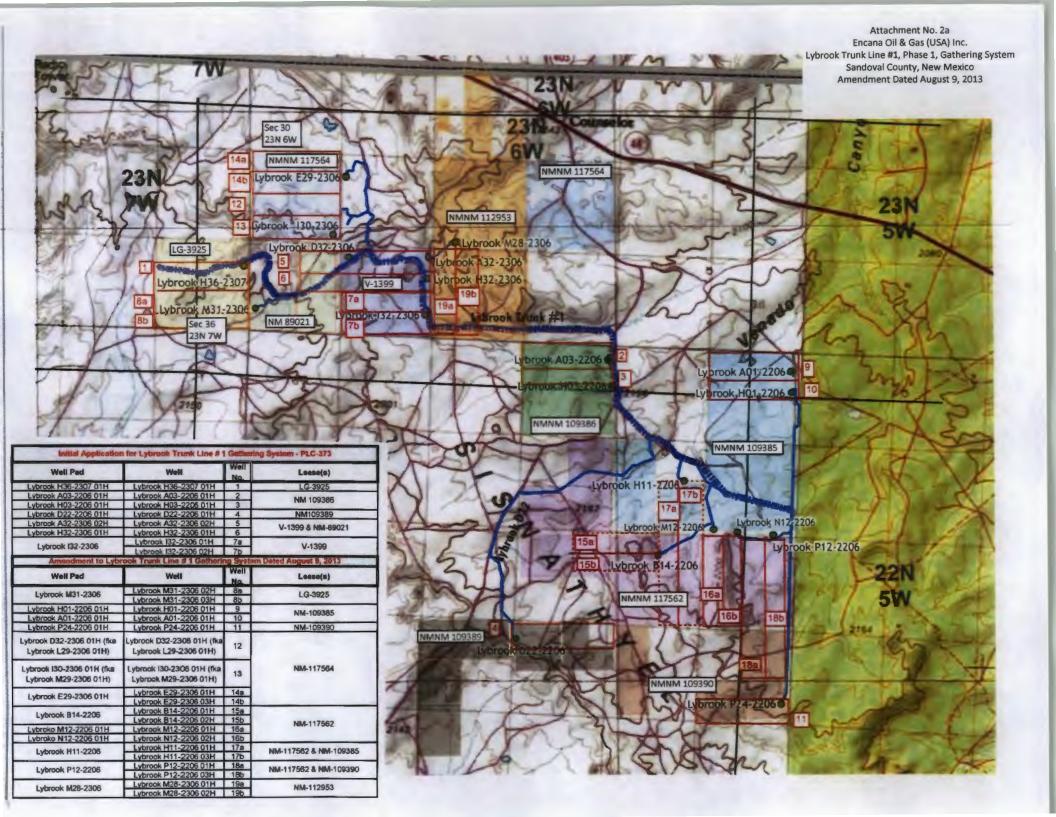
Encana Oil & Gas (USA) Inc.

lly Hu

Holly Hill

Regulatory Analyst

Encana Oil & Gas (USA) Inc.



•		

District I 1625 N. French Drive, Hobbs, NM 88240 Phone: (575) 393–5151 Fax: (575) 393–0720 District II 811 S. First Street, Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

1000 Rio Brazos Road, Aztec, NM 87410 Prone: (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

N88 °54 W 2649.24' (RECORD)

State of New Mexico Energy, Minerals & Natural Resources Department

Revised August 1, 2011 Submit one copy to Appropriate District Office

Form C-102

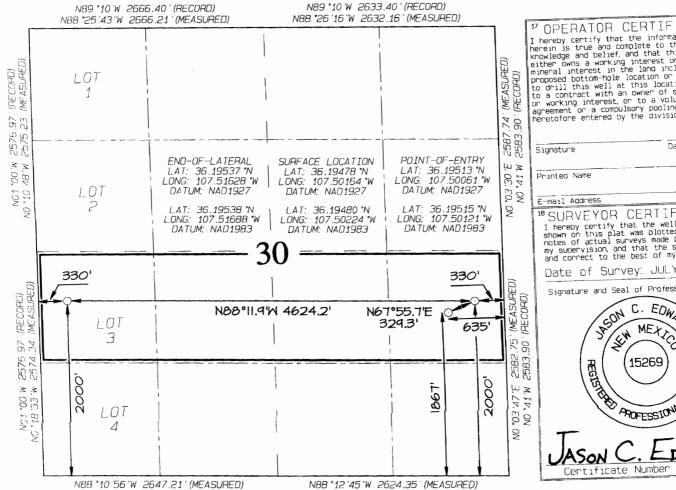
OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe, NM 87505

WELL LOCATION	AND	ACREAGE	DEDICATION	PLAT

	MELL LOCALION AND	AUNLAUL BLDIGHTI	
'API Number	² Pool Code 42289	°Pool Name LYBROOK GALLU	Р
	1222		*Well Number
*Property Code		operty Name OK I30–2306	01H
70GPID No. 282327	* Op	erator Name & GAS (USA) INC.	°Elevation 7150'
2.3232	10 Sur f	face Location	Complete

UL or lot	1	Township	Plange 6W	Lat Idn	10 Surface Feet from the 1867	Location North/South line SOUTH	Feet from the	East/West line	SANDOVA!
UL or lot	30			m Hole	Feet from the	f Different North/South line	rom Surfac	East/West line WEST	County SANDOVAL
12 Dedicated	30	23N 85 Acre	5 - N/	2 5/2	2000	SOUTH 14 Consolidation Code	15 Order No.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	100						TUTEDCCTC L	HAVE BEEN CO	NSOL IDATED

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



N88 °54 W 2624.16 '(RECORD)

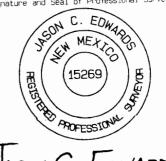
" OPERATOR CERTIFICATION "OPERATUR CERTIFILATION
I hereby certify that the information contained
herein is true and complete to the best of my
knowledge and belief, and that this organization
either owns a working interest or unleased
mineral interest in the land including the
proposed bottom-hole location 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	Date
Printed Name	

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

Date of Survey: JULY 8, 2013

Signature and Seal of Professional Surveyor



District I
1625 N. French Drive, Hobbs, NM 88240
Prone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First Street, Artesia, NM 88210
Prone: (575) 748-1283 Fax: (575) 748-9720

Cistrict 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

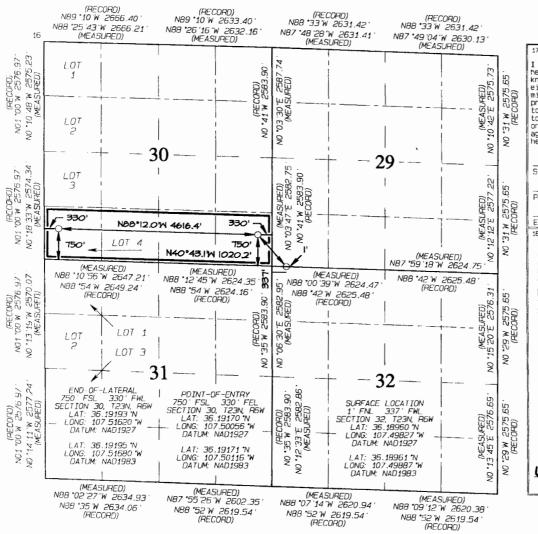
OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe, NM 87505

AMENDED	REPOR
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WELL LOCATION AND ACREAGE DEDICATION PLAT

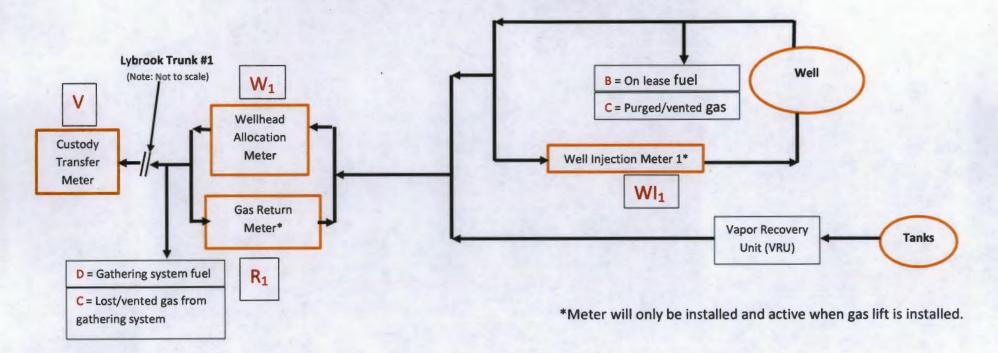
		,	VLLL L	OCATIC	IN AND AG	TEAUL DEDIC				
Ι Δ	PI Numbe	Γ		Pool Cod	е	³Pool Name				
	4228					LYBROOK GALLUP				
'Property Code					*Property	Name			⁵Well Number	
					LYBROOK D32-2306				01H	
'OGRID N	Vo.				*Operator	Name			*Elevation	
28232	!7			ENCA	VA OIL & C	SAS (USA) INC	· .		7247	
	¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
D	32	23N	6W		1	NORTH	337	WEST	SANDOVAL	
		1	¹ Botto	m Hole	Location I	f Different F		3		
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	4	750	SOUTH	330	WEST	SANDOVAL	
160.79 Acres S/2 S/2 - Section 30				¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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



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 Date				
Printed Name				
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 of Survey: JULY 24, 2013				
Signature and Seal of Professional Surveyor				
JASON C. EDWARDS Certificate Number 15269				

Gas Measurement Allocation Procedure for Single Well Pads



Base Data:

V = Gas Volume (MCF) from Custody Transfer Meter during allocation period (Enterprise Products Partners)

R = Gas Volume (MCF) from Gas Return Meter (Encana)*

W₁ = Gas Volume (MCF) from Wellhead Allocation Meter at individual wells during allocation period. (Encana)

WI₁ = Gas Volume (MCF) from Well Injection Meter at individual wells during allocation period. (Encana)*

Y = Heating Value (BTU/scf) from Custody Transfer Meter during allocation period. (Enterprise Products Partners)

Z = Heating Value (BTU/scf) from individual Wellhead Allocation Meter and Well Injection Meter. (Encana)

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

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

A = Allocated Gas production off lease, MCF: $[(W_1-R_1)/((W_1-R_1)+(W_2-R_2)+(W_n-R_n))]*(V)$

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.

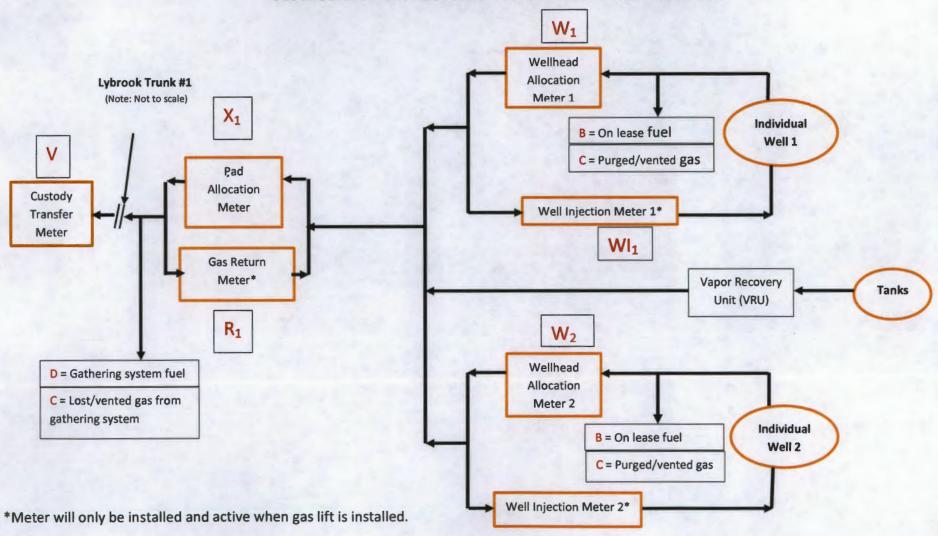
D = Allocated fuel from gathering system equipment, MCF. The total fuel required to operate gathering system equipment will be allocated to the individual wells benefiting from the equipment using allocation factors determined by $[(W_1-R_1)/((W_1-R_1)+(W_2-R_2)+(W_n-R_n))]$.

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 the time of the loss. The total volumes lost and/or vented will be allocated to the individual wells affected using factors determined $[(W_1-R_1)/((W_1-R_1)+(W_2-R_2)+(W_n-R_n))]$.

Individual Well BTU's = $[((W_n-R_n)*Z_n)/SUM((W_n-R_n)*Z_n)]*Y$

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

Gas Measurement Allocation Procedure for Multi-Well Pads



 WI_2

Base Data:

V = Gas Volume (MCF) from Custody Transfer Meter during allocation period (Enterprise Products Partners)

 X_x = Gas Volume (MCF) from Pad Allocation Meter during allocation period. (Encana)

R_x = Gas Volume (MCF) from Gas Return Meter at Well Pad (Encana)*

 $(X_x - R_x) = Gas Volume (MCF)$ for total Well Pad Production (Encana)

 W_x = Gas Volume (MCF) from Wellhead Allocation Meter at individual wells during allocation period. (Encana)

WI_x = Gas Volume (MCF) from Well Injection Meter at individual wells during allocation period. (Encana)*

Y = Heating Value (BTU/scf) from Custody Transfer Meter during allocation period. (Enterprise Products Partners)

Z = Heating Value (BTU/scf) from individual Wellhead Allocation Meter and Well Injection Meter. (Encana)

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

Well Pad Gas Production = A + B + C + D + E

A = Allocated Gas production off lease for Well Pad, MCF: $[(X_1-R_1)/((X_1-R_1)+(X_2-R_2)+(X_n-R_n))]*(V)$

Please note, gas production (MCF) for individual wells on a Well Pad is calculated using the formula: $[(W_1-WI_1)/((W_1-WI_1)+(W_2-WI_2)+(W_n-WI_n))]*(X_1-R_1)$

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 Well Pads benefiting from the equipment using allocation factors determined by $[(X_1-R_1)/((X_1-R_1)+(X_2-R_2)+(X_n-R_n))]$ and for individual wells using allocation factors determined by $[(W_1-WI_1)/((W_1-WI_1)+(W_2-WI_2)+(W_n-WI_n))]$.

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 the time of the loss. The total volumes lost and/or vented will be allocated to the Well Pads affected using factors determined by $[(X_1-R_1)/((X_1-R_1)+(X_2-R_2)+(X_n-R_n))]$, and for individual wells using factors determined by $[(W_1-W_1)/((W_1-W_1)+(W_2-W_1)+(W_n-W_1))]$.

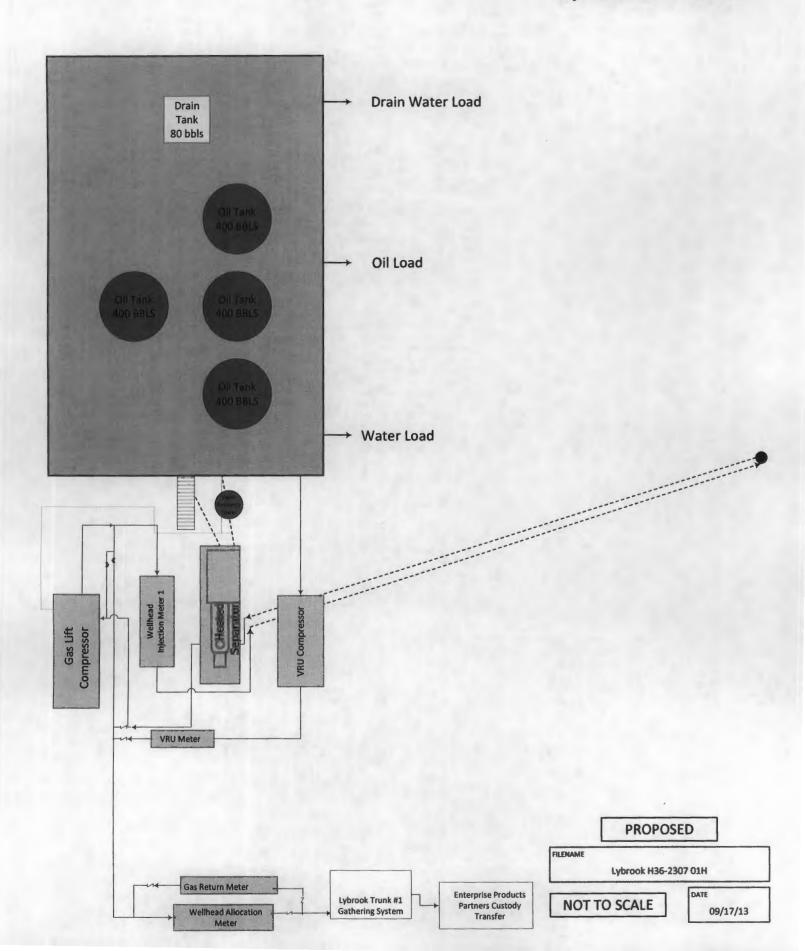
<u>Individual Well BTU's</u> = $[((W_n-WI_n)*Z_n)/SUM((W_n-WI_n)*Z_n)]*Y$ Individual well gas heating values to be determined in accordance with BLM regulations.

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

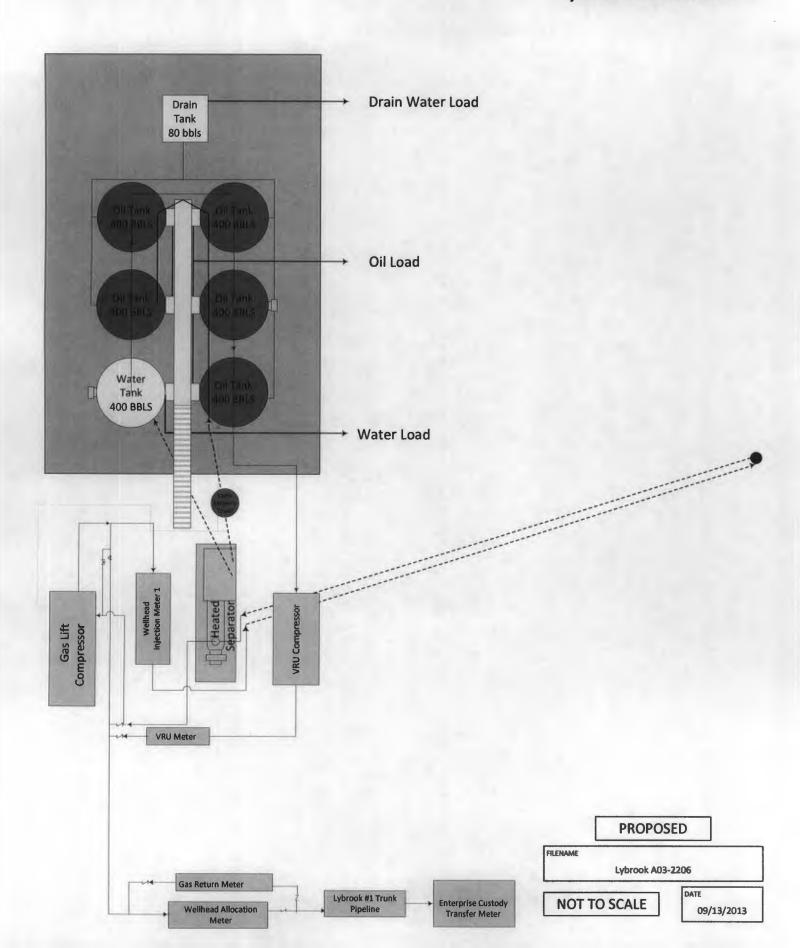
Lybrook M31-2306	Lybrook M31-2306 02H		
Lybrook mor 2000	Lybrook M31-2306 03H		
Lybrook H01-2206 01H	Lybrook H01-2206 01H		
Lybrook A01-2206 01H	Lybrook A01-2206 01H		
Lybrook P24-2206 01H	Lybrook P24-2206 01H		
Lybrook D32-2306 01H (fka Lybrook L29-2306 01H)	Lybrook D32-2306 01H		
Lybrook I30-2306 01H (fka Lybrook M29-2306 01H)	Lybrook 30-2306 01H		
Lybrook E29-2306	Lybrook E29-2306 01H		
01H	Lybrook E29-2306 03H		
1.1.1.0000	Lybrook B14-2206 01H		
Lybrook B14-2206	Lybrook B14-2206 02H		
Lybroko M12-2206 01H	Lybrook M12-2206 01H		
Lybroko N12-2206 01H	Lybrook N12-2206 02H		
Lubrack 1111 2200	Lybrook H11-2206 01H		
Lybrook H11-2206	Lybrook H11-2206 03H		
L b L B40 0000	Lybrook P12-2206 01H		
Lybrook P12-2206	Lybrook P12-2206 03H		
L. b I. MOO 0000	Lybrook M28-2306 01H		
Lybrook M28-2306	Lybrook M28-2306 02H		

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

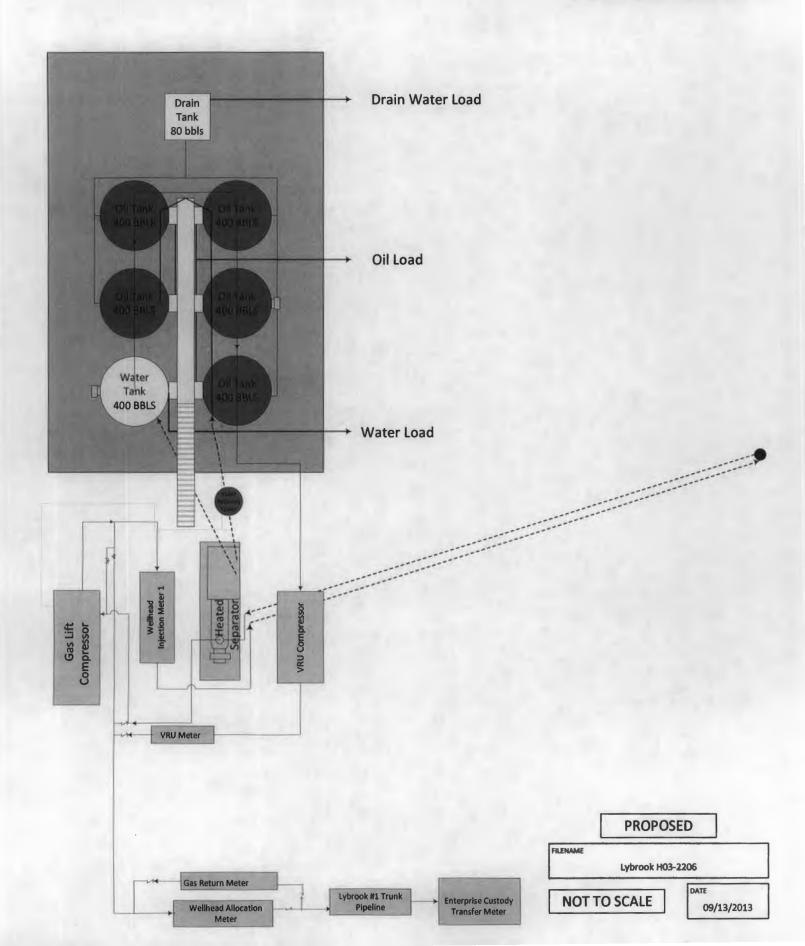
Lybrook H36-2307 01H



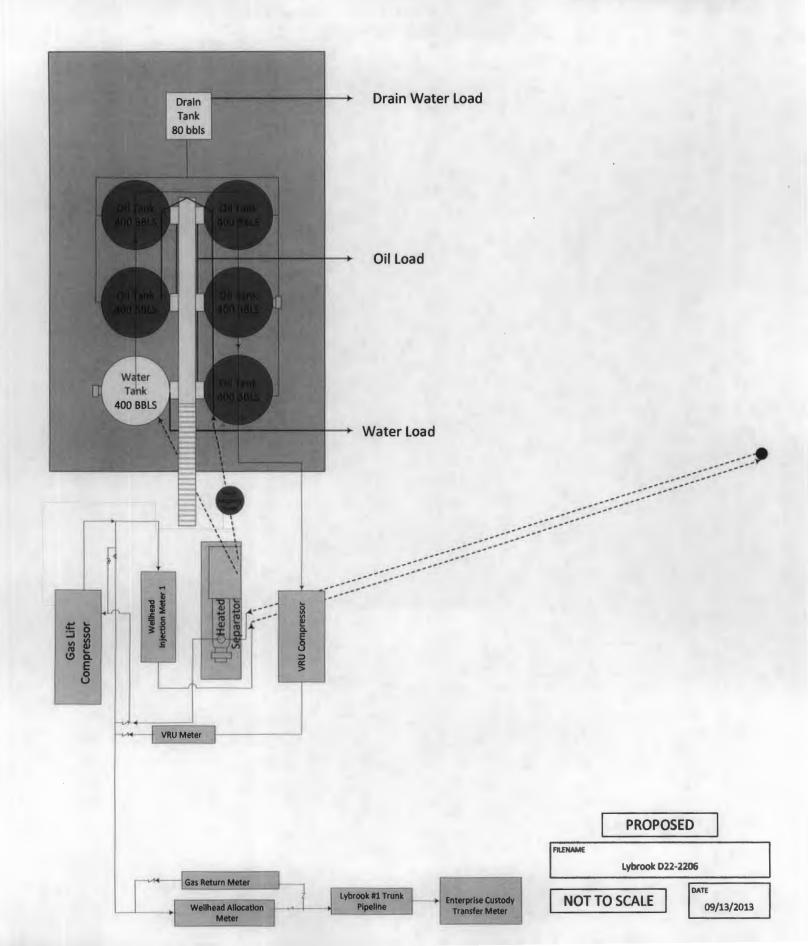
Lybrook A03-2206 01H



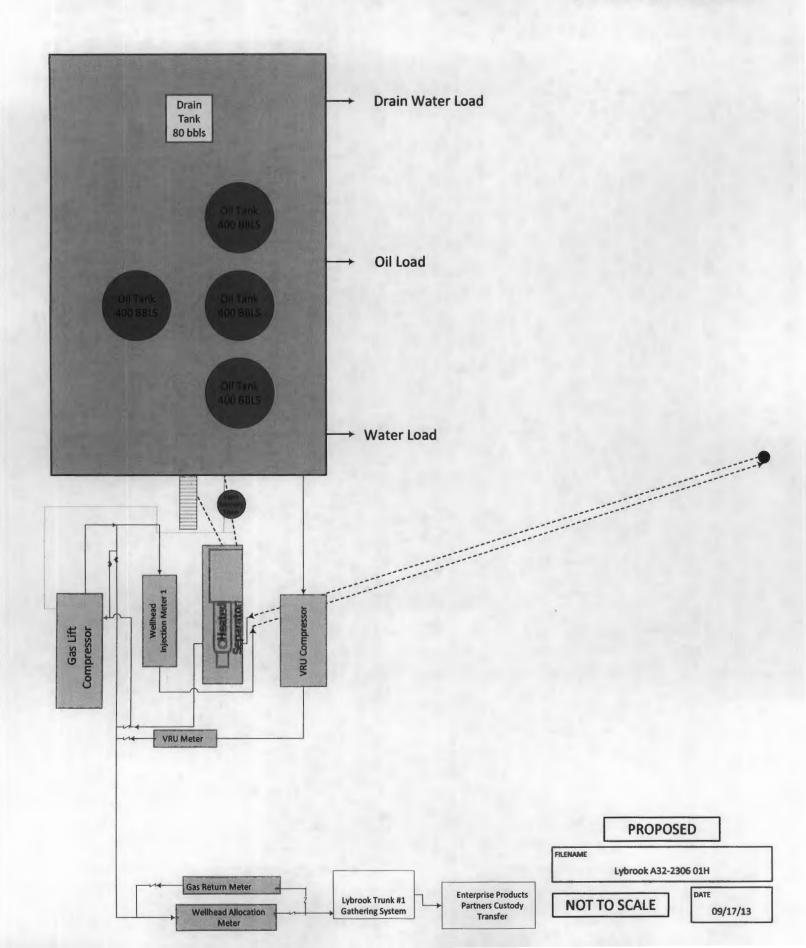
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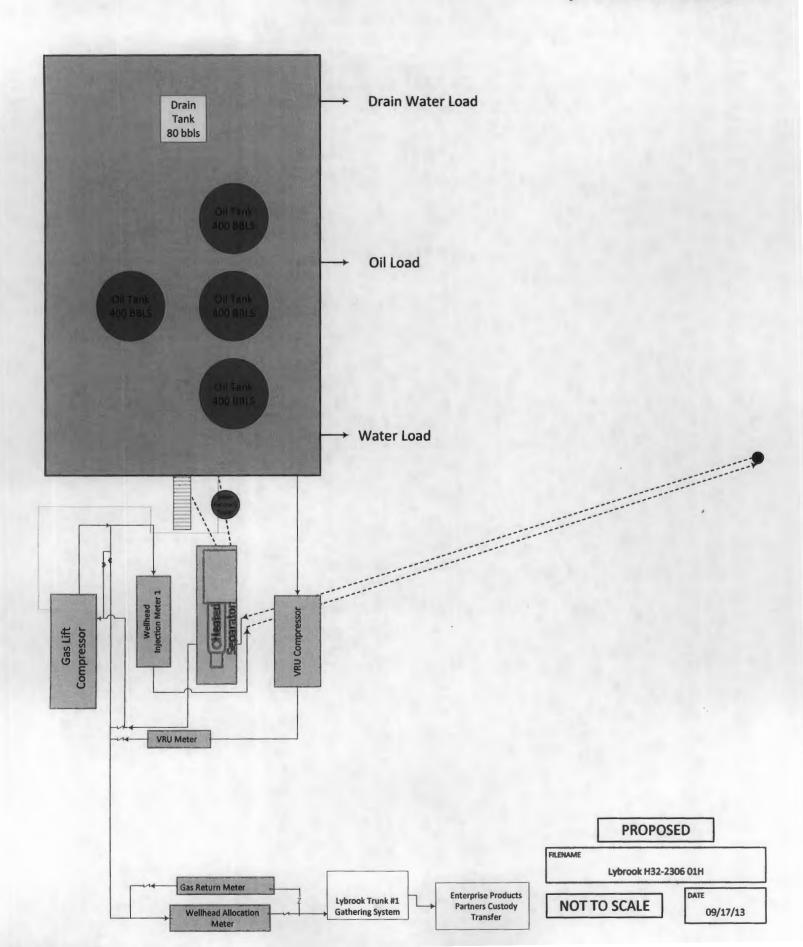
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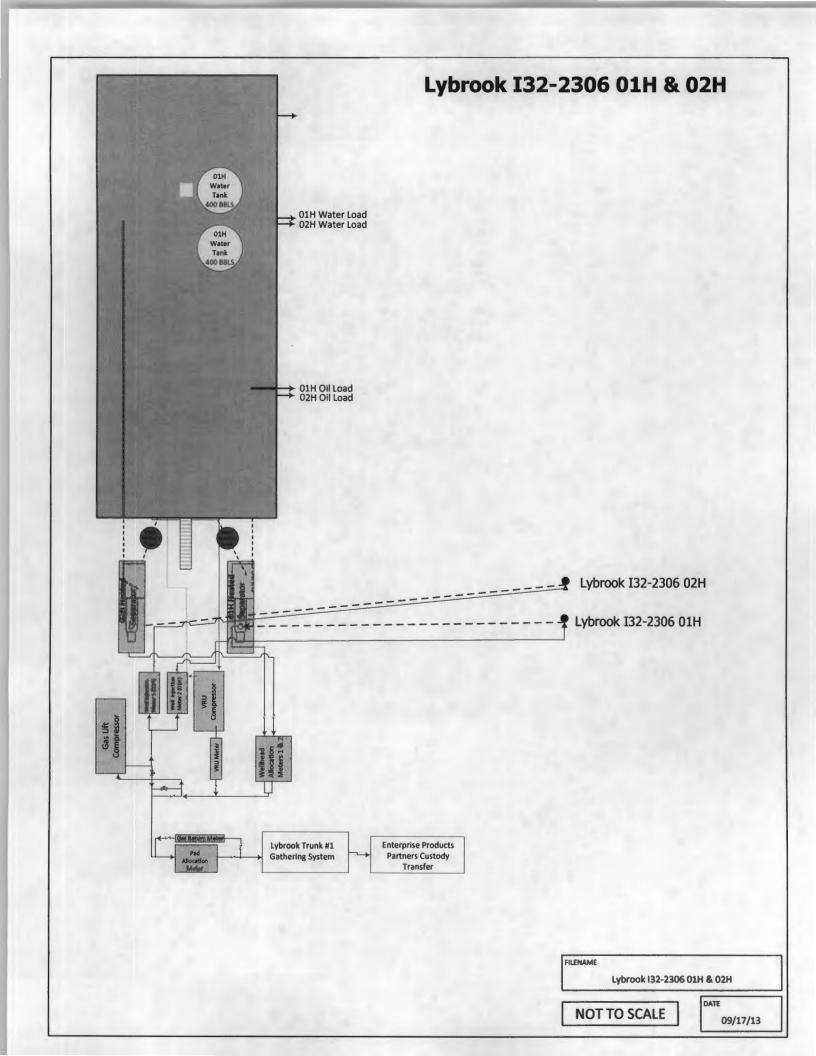


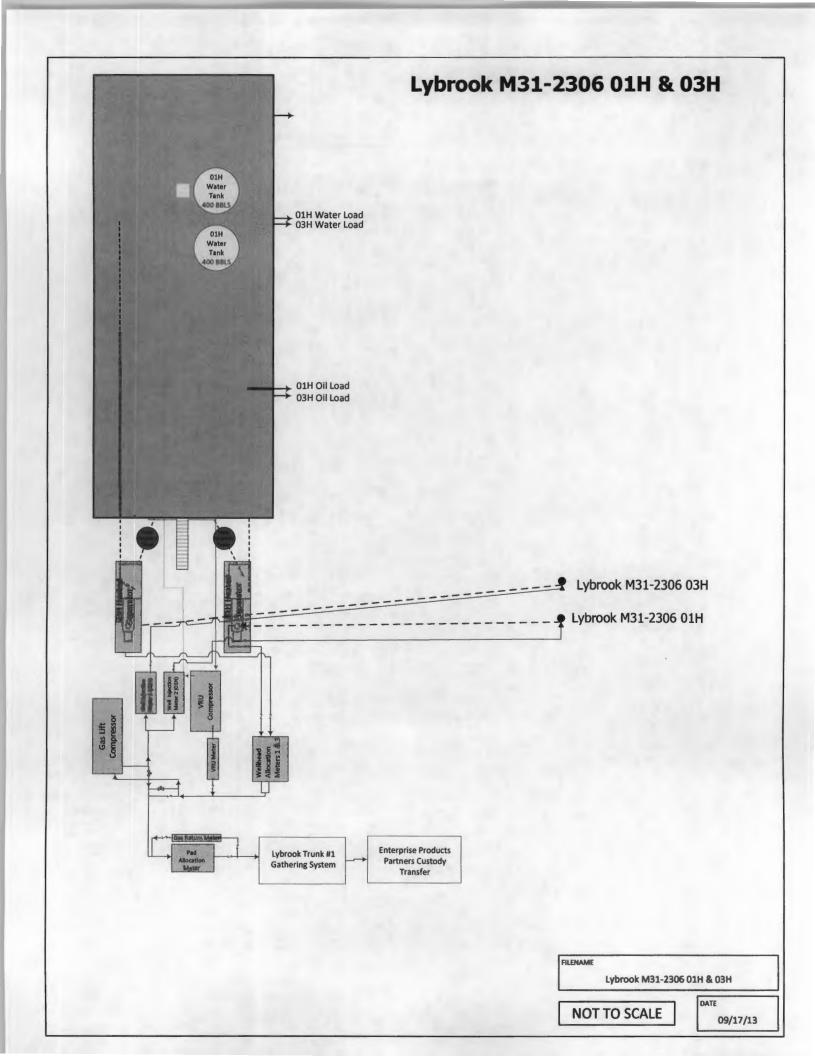
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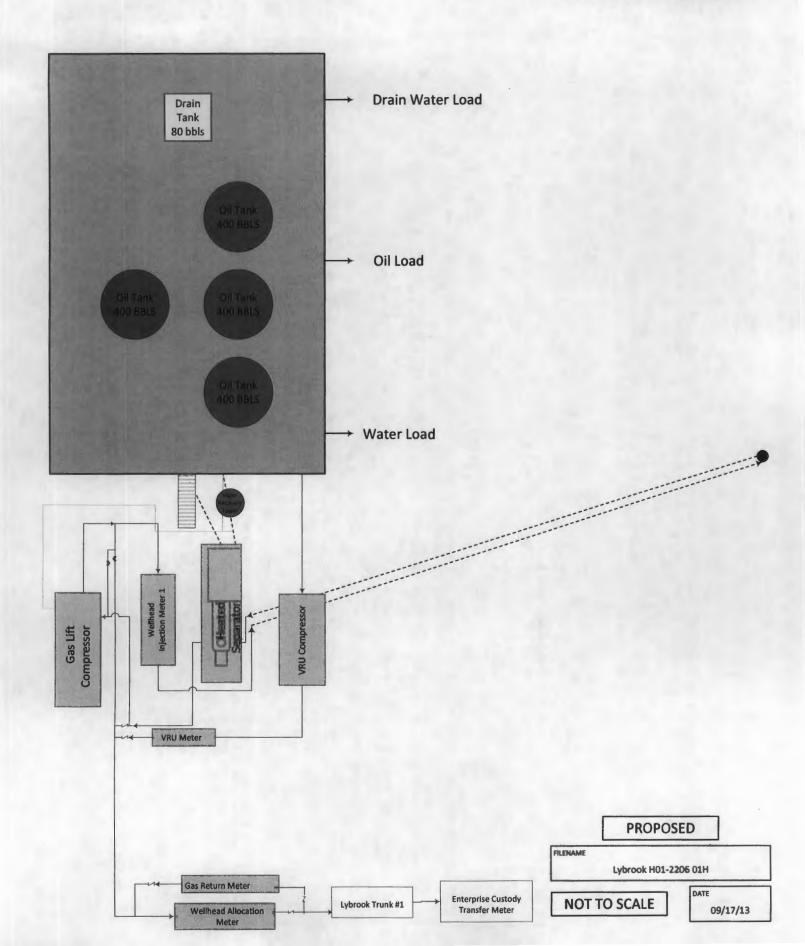
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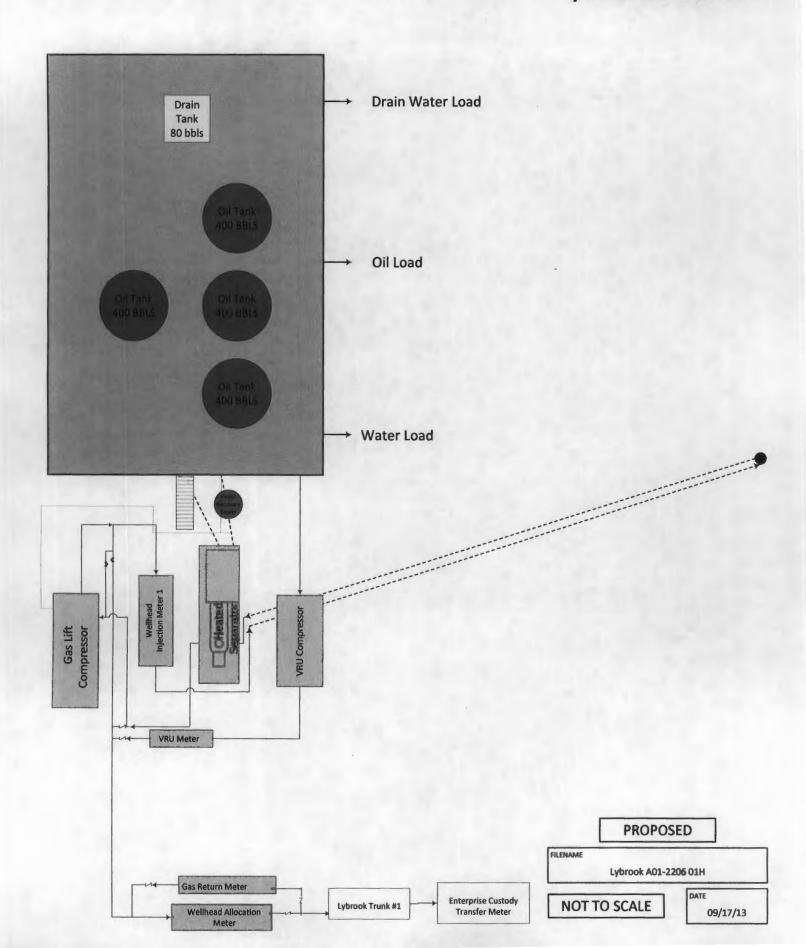




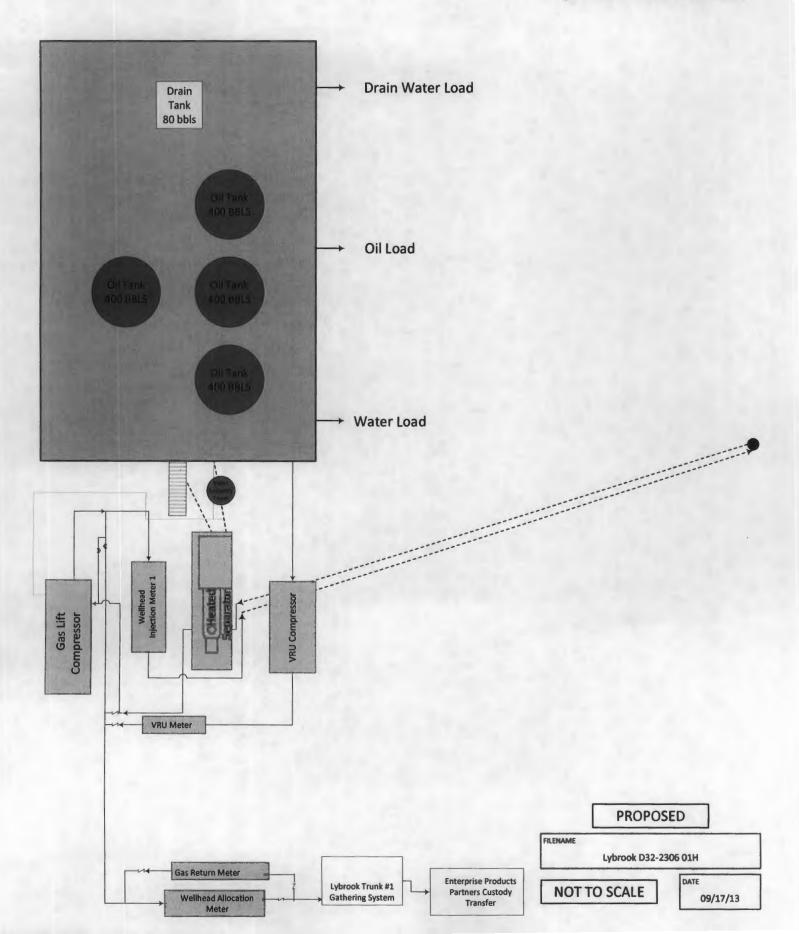
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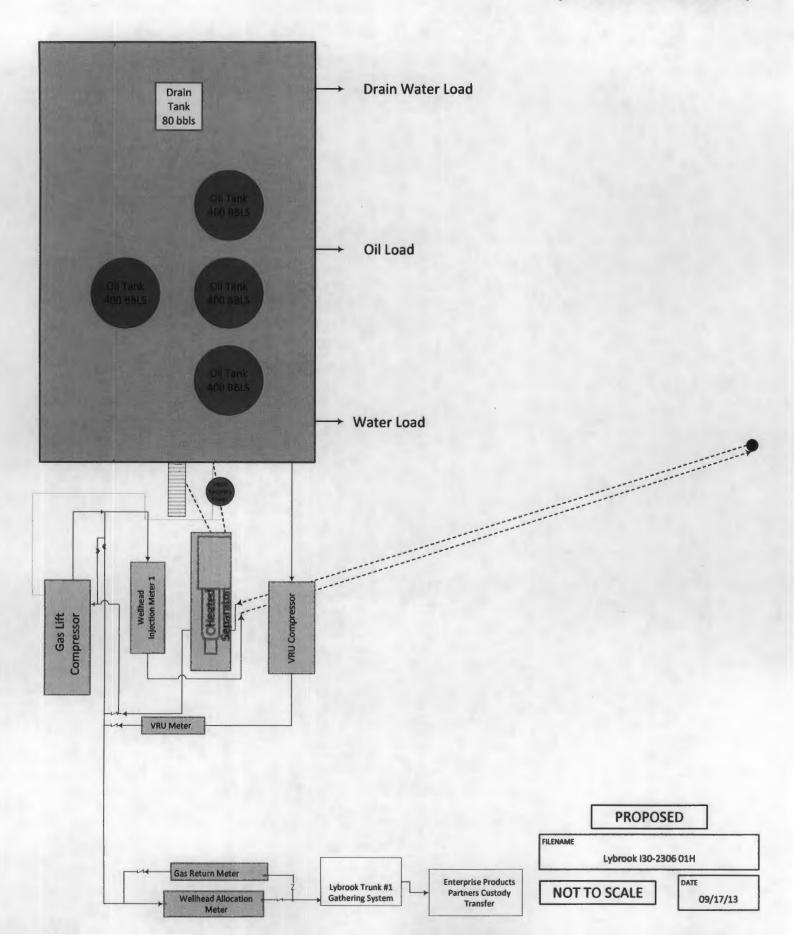
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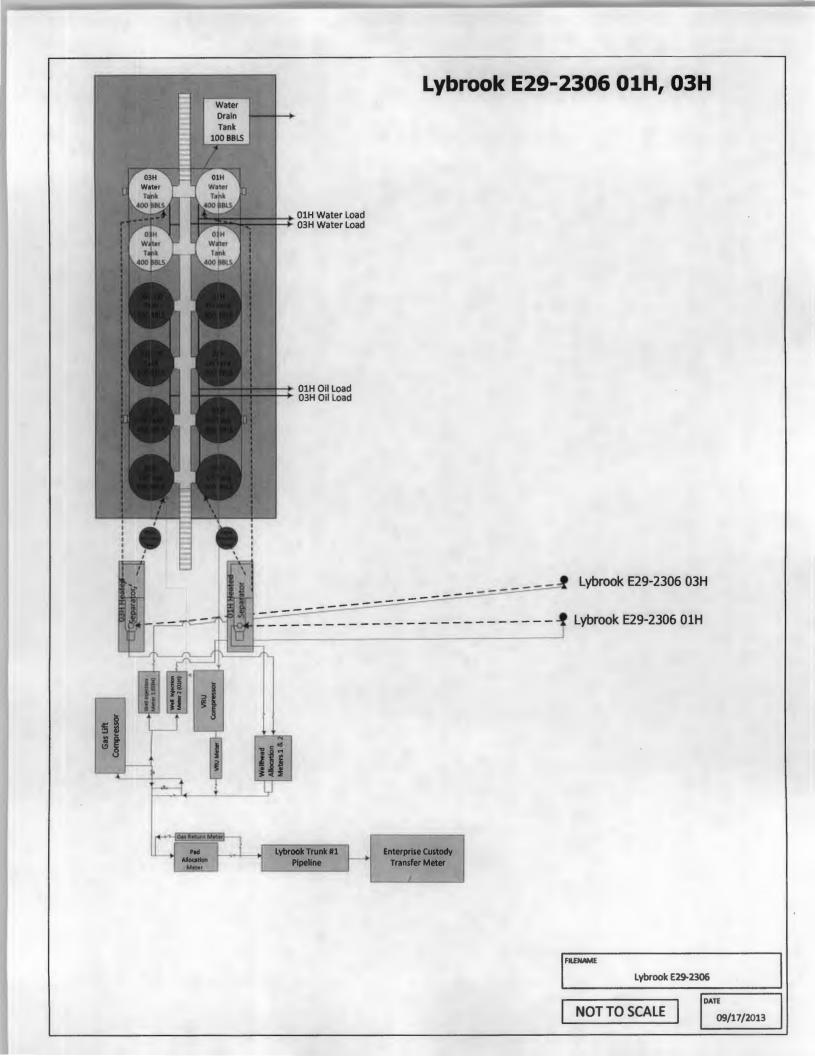


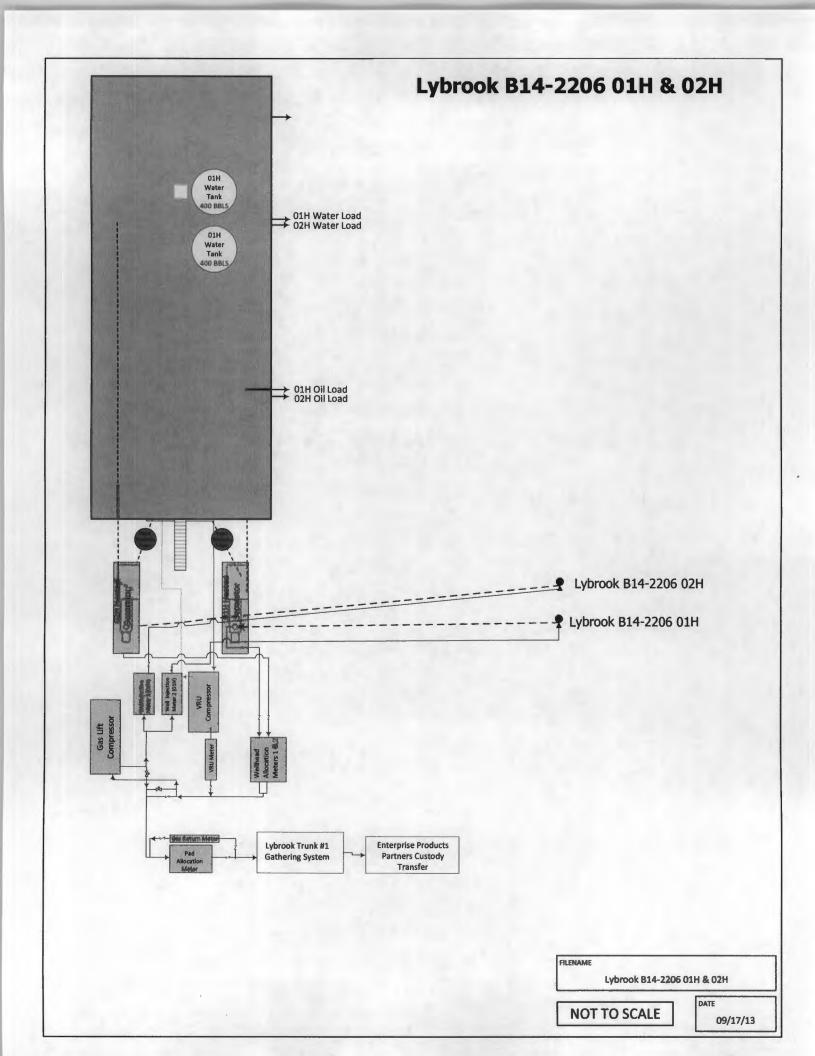
Lybrook D32-2306 01H (fka Lybrook L29-2306 01H)



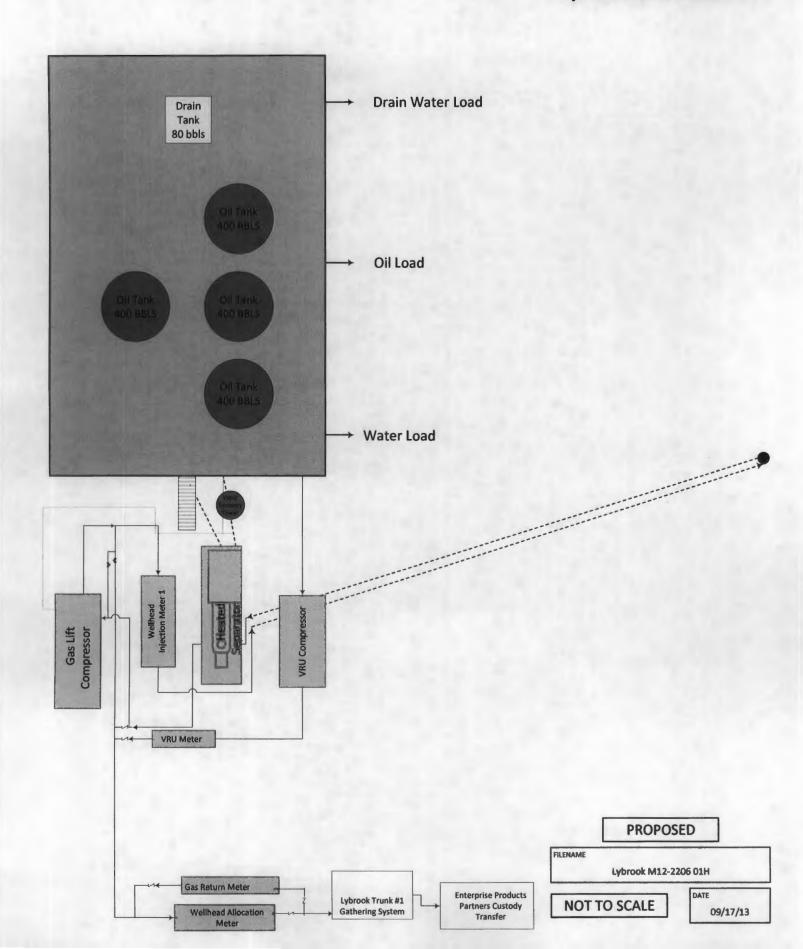
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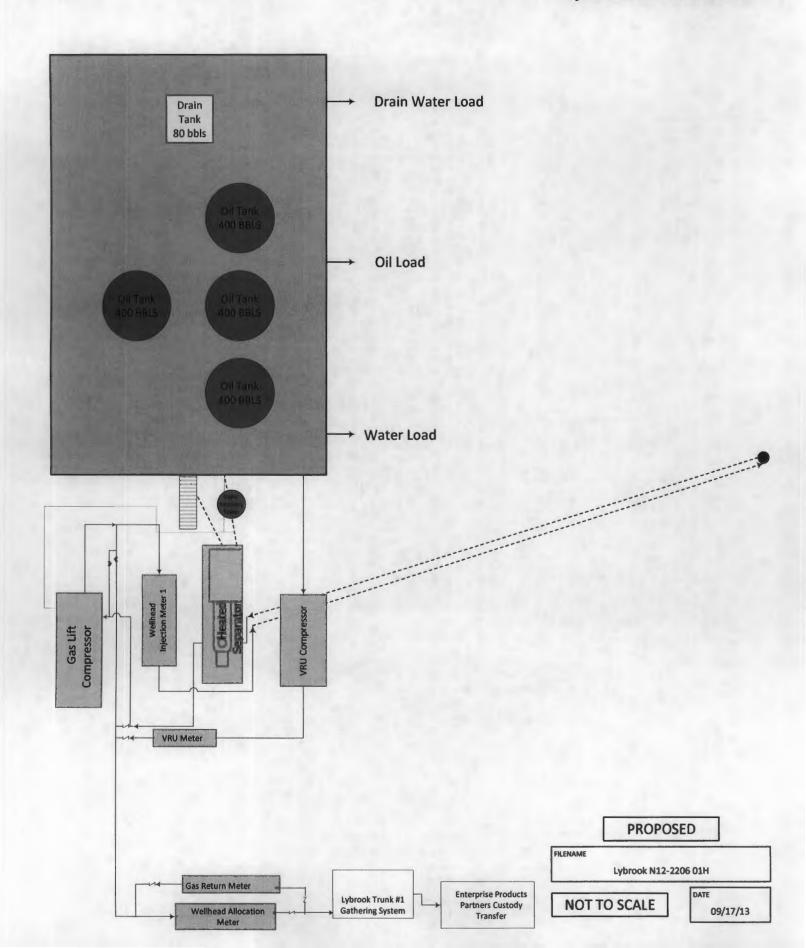


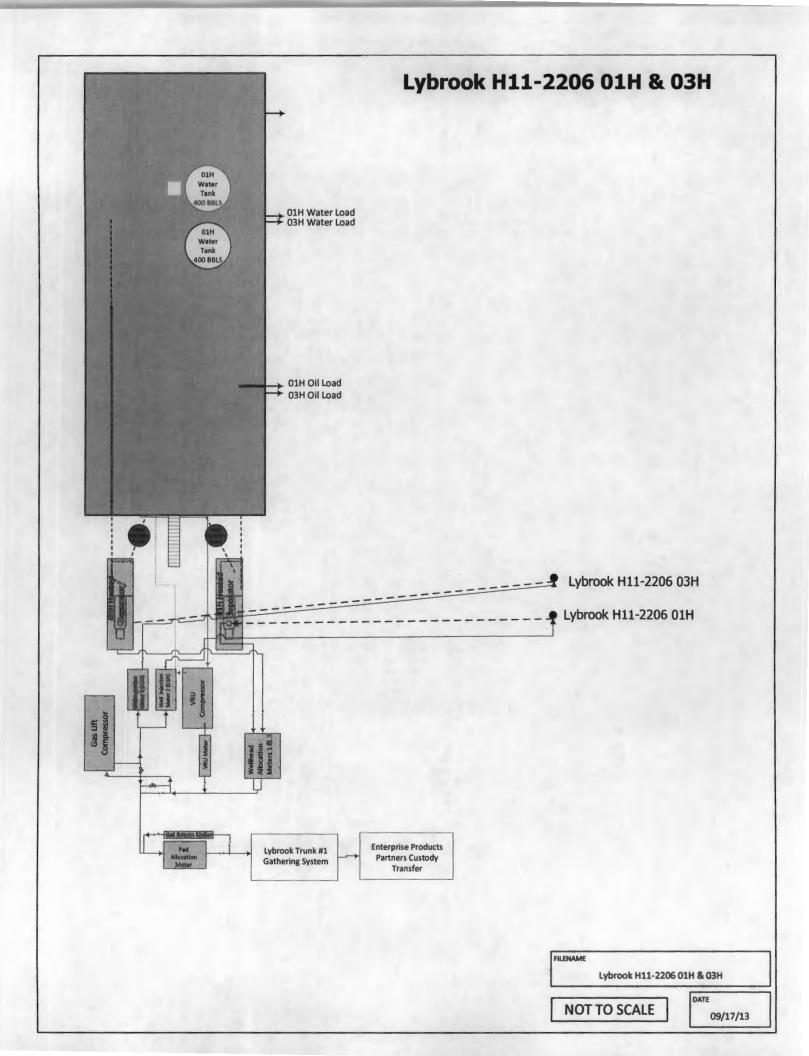


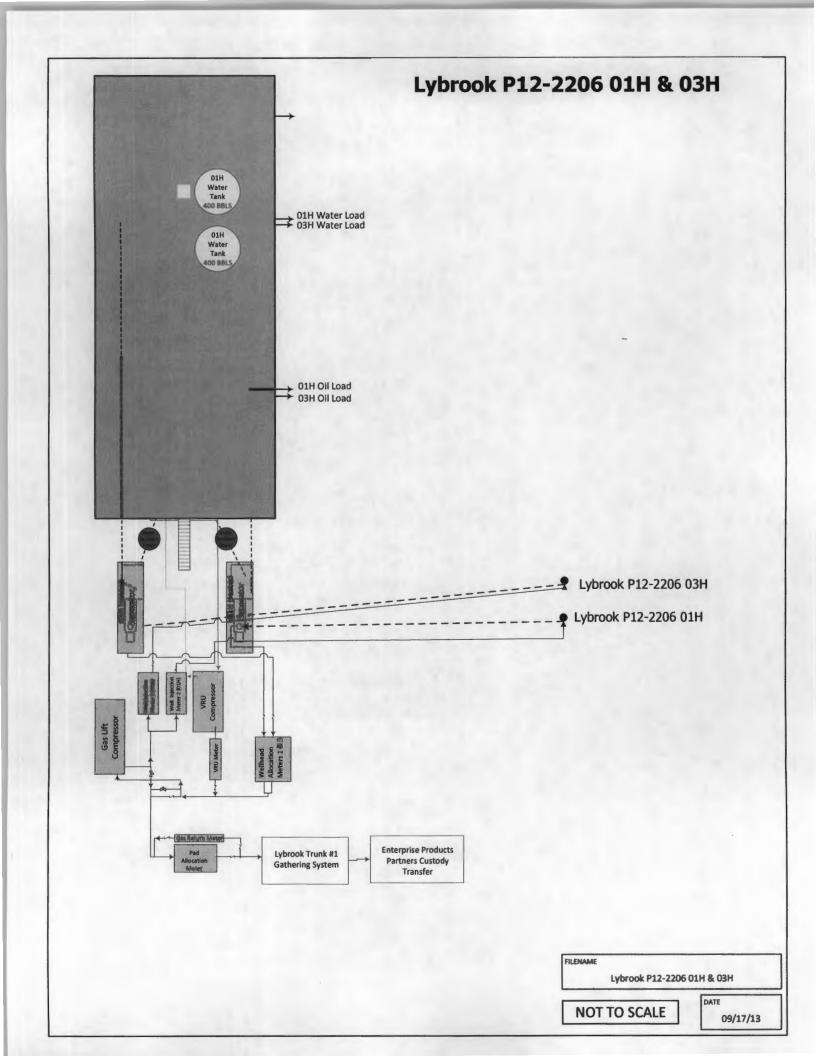
Lybrook M12-2206 01H

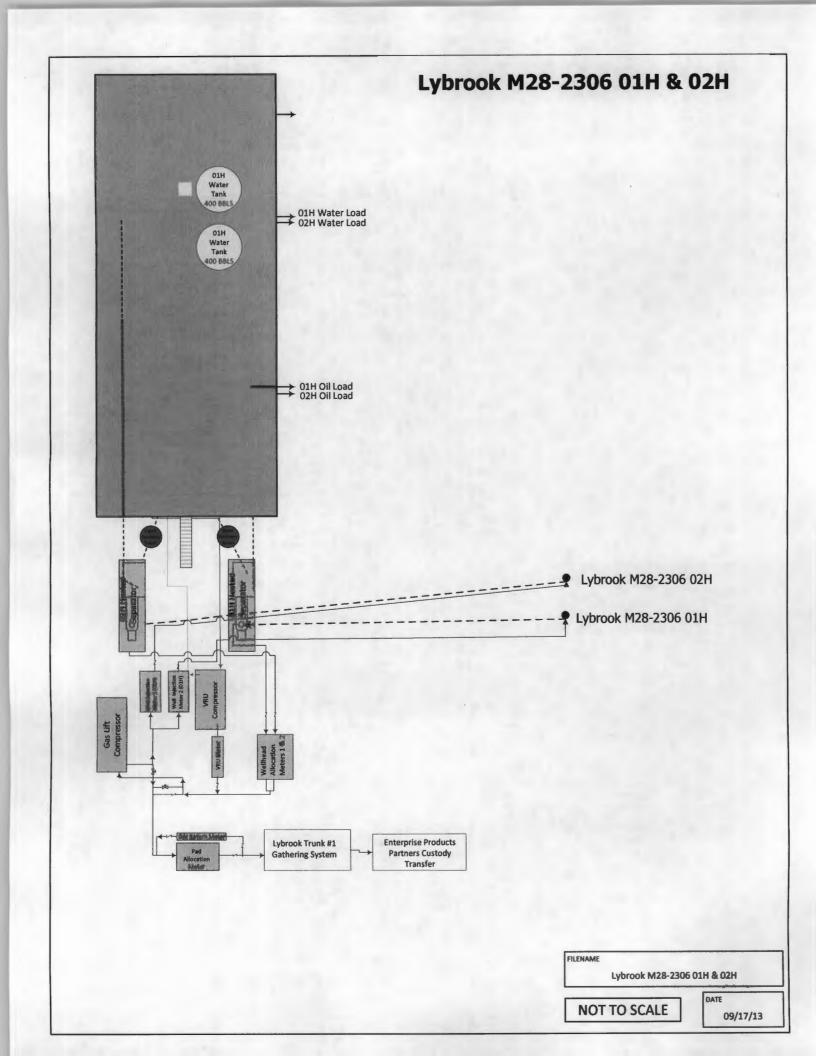


Lybrook N12-2206 01H









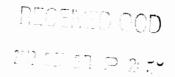
Comments	Projected Gas Heating Value (Btu/scf after ~1st 6 months)	*Projected Initial Gas Heating Value (Btu/scf) (through 1st ~6 Months)	Projected Gas %	Projected Lease Gas Rate (Mcf/day)	Projected Gas Rate (Mcf/Day)	Well Status	Completion Date	Lease Type	Lease No.	Pool	Project Area	Well No.	Communitization No. If Applicable	Well Location UL-Sec-Twn-Rng	API No.	Well Name
	1215	950	3%	350	350	Completed	03/10/2012	NM State	LG-3925	Lybrook Gallup Pool	S2N2 Sec 36 23N 7W (160 acres)	1	N/A	SENE-36-23N-7W		ybrook H36-2307 01H
	1215	950	11%	1572	1162	Completed	03/10/2012	NM State	NM 109386	Lybrook Gallup Pool	N2N2 Sec 3 22N 6W (160 acres)	2	N/A	A-NENE-3-22N-6W		ybrook A03-2206 01H
Current Status: 5 wells	1215 1215	950 950	4%	410	410	Completed Completed	05/14/2013 11/17/2012	USA	NM109389	Lybrook Gallup Pool Widlcat	S2N2 Sec 3 22N 6W (160 acres) N2N2 Sec 22 22N 6W (160 acres)	3	N/A N/A	H-SENE-3-22N-6W D-SWNW-22-22N-6W		ybrook H03-2206 01H ybrook D22-2206 01H
currently drilled and Completed and produci The additional 3 wells a	1215	950	3%	700	350	Drilled	N/A	USA	V-1399 & NM-	Lybrook Gallup Pool	N2N2 Sec 32; N2NE Sec 31 23N 6W (240 acres)	5	NMNM 130514	A-NENE-32-23N-6W	30-043-21127	ybrook A32-2306 02H
contingent on success of initial 5 wells	1215	950	3%	700	350	Drilled	N/A	USA & NM State	89021	Lybrook Gallup Pool	S2N2 Sec 32; S2NE Sec 31 23N 6W (240 acres)	6	NMNM 130513	H-SENE-32-23N-6W	30-043-21126	ybrook H32-2306 01H
initial 5 Wells	1215	950	3%	700	350	Completed	05/20/2013	NM State	V-1399	Lybrook Gallup Pool	N2S2 Sec 32 23N 6W (160 acres)	7a	N/A	I-NESE-32-23N-6W	30-043-21129	Lybrook 132-2306 01H
	1215	950	3%		350	Completed	06/09/2013	NM State		Lybrook Gallup Pool	S2S2 Sec 32 23N 6W (160 acres)	7b	N/A	I-NESE-32-23N-6W	30-043-21125	Lybrook I32-2306 02H
Comments	Projected Gas Heating Value (Btu/scf after ~1st 6 months)	*Projected Initial Gas Heating Value (Btu/scf) (through 1st ~6 Months)	Projected Gas %	Projected Lease Gas Rate (Mcf/day)	Projected Gas Rate (Mcf/Day)	Well Status	Completion Date			t to Lybrook Trunk Li	Amendmen Project Area	Well No.	Communitization No. If Applicable	Well Location UL-Sec-Twn-Rng	API No.	Well Name
	1215	950	3%	700	350	Drilled	N/A	NM State	LG-3925	Lybrook Gallup Pool	N2S2 Sec 36 23N 7W (160 acres)	8a	N/A	M-SWSW-31-23N-6W	30-043-21146	ybrook M31-2306 02H
	1215	950	3%	700	350	Drilled	N/A	NM State	es) Lybrook Gallup Pool N Es) Lybrook Gallup Pool NM-109385	Lybrook Gallup Pool	S2S2 Sec 36 23N 7W (160 acres)	8b	N/A	M-SWSW-31-23N-6W	30-043-21145	ybrook M31-2306 03H
	1215	950	3%		350	Not Drilled	N/A	USA		S2N2 Sec 1 22N 6W (160 acres)	9	N/A	H-SENE-1-22N-6W	30-043-21122	vbrook H01-2206 01H	
	1215	950	3%	700	350	Not Drilled	N/A	USA		N2N2 Sec 1 22N 6W (161.4 acres)	10	N/A	A-NENE-1-22N-6W	30-043-21137	ybrook A01-2206 01H	
	1215	950	3%	350	350	Not Drilled	N/A	USA	NM-109390	Widlcat	S2S2 Sec 24 22N 6W (160 acres)	11	N/A	P-SESE-24-22N-6W	30-043-21124	vbrook P24-2206 01H
- 100	1215	950	3%		350	Not Drilled	N/A	USA		Lybrook Gallup Pool	N2S2 Sec 30 23N 6W (160.85 acres)	12	N/A	D-NWNW-32-23N-6W	PENDING	Lybrook D32-2306 01H (fka Lybrook L29-2306 01H)
	1215	950	3%	1400	350	Not Drilled	N/A	USA	NM-117564	Lybrook Gallup Pool & Basin Mancos Gas Pool	S2S2 Sec 30 23N 6W (160.79 acres)	13	N/A	I-NESE-30-23N-6W	PENDING	Lybrook (30-2306 01H fka Lybrook M29-2306 01H)
Current Status: Future vare contingent on success	1215	950	3%		350	Not Drilled	N/A	USA		Lybrook Gallup Pool	N2N2 Sec 30 23N 6W (160.97 acres)	14a	N/A	E-SWNW-29-23N-6W	30-043-21141	ybrook E29-2306 01H
initial 8 wells. Note: To rate is not expected to e	1215	950	3%		350	Not Drilled	N/A	USA		Lybrook Gallup Pool	S2N2 Sec 30 23N 6W (160 acres)	14b	N/A	E-SWNW-29-23N-6W	30-043-21142	ybrook E29-2306 03H
3.85 MMcfpd due to we being drilled/completed	1215	950	3%		350	Not Drilled	N/A	USA		Lybrook Gallup Pool	N2NW Sec 14 & N2NE Sec 15 22N 6W (160 acres)	15a	N/A	B-NWSW-14-22N-6W	PENDING	ybrook B14-2206 01H
coming online at different times. The initial 8 wi	1215	950	3%	1400	350	Not Drilled	N/A	USA	NM-117562	Lybrook Gallup Pool	S2NW Sec 14 & S2NE Sec 15 22N 6W (160 acres)	15b	N/A	B-NWSW-14-22N-6W	PENDING	_ybrook B14-2206 02H
naturally decline befor future wells come onlin	1215	950	3%		350	Not Drilled	N/A	USA		Lybrook Gallup Pool	W2W2 Sec 13 22N 6W (160 acres)	16a	N/A	M-SWSW-12-22N-6W	PENDING	ybrook M12-2206 01H
	1215	950	3%		350	Not Drilled	N/A	USA		Lybrook Gallup Pool	E2W2 Sec 13 22N 6W (160 acres)	16b	N/A	N-SESW-12-22N-6W	PENDING	ybrook N12-2206 02H
	1215	950	7%	700	350	Not Drilled	N/A	USA	NM-117562 &	Lybrook Gallup Pool	W2SE Sec 11 & W2E2 Sec 14 22N 6W (240 acres)	17a	PENDING	H-SENE-11-22N-6W	PENDING	ybrook H11-2206 01H
	1215	950			350	Not Drilled	N/A	USA	NM-109385	Lybrook Gallup Pool	E2SE Sec 11 & E2E2 Sec 14 22N 6W (240 acres)	17b		H-SENE-11-22N-6W	PENDING	_ybrook H11-2206 03H
	1215	950	7%	700	350	Not Drilled	N/A	USA	NM-117562 &	Lybrook Gallup Pool	W2E2 Sec 13 & W2NE Sec 24 22N 6W (240 acres)	18a	PENDING	P-SESE-12-22N-6W	PENDING	_ybrook P12-2206 01H
	1215	950			350	Not Drilled	N/A	USA	NM-109390	Lybrook Gallup Pool	E2E2 Sec 13 & E2NE Sec 24 22N 6W (240 acres)	18b		P-SESE-12-22N-6W	PENDING	_ybrook P12-2206 03H
	1215	950	7%	700	350	Not Drilled	N/A	USA	NM-112953	Lybrook Gallup Pool	W2W2 Sec 33 23N 6W (160 acres)	19a	N/A	M-SESE-12-22N-6W	PENDING	ybrook M28-2306 01H
	1215	950	, ,,	, 50	350	Not Drilled	N/A	USA		Lybrook Gallup Pool	E2W2 Sec 33 23N 6W (160 acres)	19b	N/A	M-SESE-12-22N-6W	PENDING	ybrook M28-2306 02H

EXPLANATION LEGEND

To date, Encana has five (5) 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.





September 23, 2013

Transmitted Via Certified Mail

Bailey
Cit Conservation Division
Conservation
Conservation Division
Conservation
Cons

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

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

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

Dugan Production Corp. 709 E. Murray Dr. Farmington, NM 87401

Re: Revisions to Amendment to NMOCD Order PLC-373

Dated August 9th, 2013

Lybrook Trunk Line #1 Gathering System

Sandoval County, New Mexico

To Whom It May Concern:

On September 19th, 2013 Encana Oil & Gas (USA) Inc. submitted modifications to the Lybrook Gathering System #1 (LGS), which was originally approved by the New Mexico Oil Conservation Division (NMOCD) in order number PLC-373 on April 29, 2013 (the Amendment was approved on September 11, 2013 by order number PLC-373-A/OLM-82). 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.

It has come to our attention that the items mailed to your attention may not have included all of the attachments intended for your review. Therefore, please accept the enclosed as the entire and full packet for the LGS intended for your review and handling. We apologize for any inconvenience.

Should you have any questions or concerns, please feel free to contact me directly at 720-876-5331 with any questions or concerns.

Encana Oil & Gas (USA) Inc.

Holly Hill

Regulatory Analyst

Holly Hea



In line with the well pad location changes and new names for these locations, **Attachment No. 3 has been updated** to reflect the well name changes and is attached herein.

Please replace the items provided August 9th, 2013 with the revised Attachment No. 1 and Attachment No. 3, enclosed.

Modification 2: Attachment No. 2a: Which presents a map of the LGS pipeline, depicting all twenty (20) well pads (which represents 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.

CHANGES: Please note Encana has added lease boundaries and has corrected the Project Areas for the Lybrook M31-2306 01H and Lybrook M31-2306 02H, which were not shown in the correct Section, Township and Range in the Amendment. Furthermore, the Lybrook D32-2306 01H (fka Lybrook L29-2306 01H) and Lybrook I30-2306 01H (fka Lybrook M29-2306 01H) have been added. Please note the Project Areas for these wells have not changed, only the surface hole location. For your files, please find enclosed a NMOCD Form C-102 for the Lybrook D32-2306 01H and Lybrook I30-2306 01H which depict the well dedication acreage.

Please replace the items provided August 9th, 2013 with the revised items for Attachment No. 2a, enclosed. Additionally, please add the NMOCD Forms C-102 for the Lybrook D32-2306 01H and the Lybrook I30-2306 01H in lieu of the Lybrook L29-2306 01H and Lybrook M29-2306 01H respectively.

Modification 3: Attachment No. 5: Which presents the allocation procedures for the LGS; including an example of how the allocation method is applied; was revised according to discussions with the BLM regarding the IM dated July 3, 2013.

CHANGES: Encana has devised an allocation method for single well pads and multiple well pads which are attached herein. Regardless, Encana still 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.

Please replace the items provided August 9th, 2013 with the revised items for Attachment No. 5, enclosed.

Modification 4: Attachment No. 6: Which presents gas lift well pad schematics and descriptions for the twenty (20) well pads to be connected to the LGS have been modified to more accurately depict the location of the well head allocation meter and well pad allocation meter as well as the path the natural gas will follow from the well pad to custody transfer. Regardless, 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 enclosed; which also depicts a list of proposed equipment. Encana requests the use of fuel to operate the gas lifts installed for each well.

Please replace the items provided August 9th, 2013 with the revised items for Attachment No. 6, enclosed.

Should you have any questions or concerns, please feel free to contact me directly at 720-876-5331 with any questions or concerns.

Encana Oil & Gas (USA) Inc.

Holly Hill

Regulatory Analyst

Encana Oil & Gas (USA) Inc.



September 19, 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. Pete Martinez
Oil, Gas & Minerals Division
New Mexico State Land Office
PO Box 1148
Santa Fe, NM 87504

Re: Revisions to Amendment to NMOCD Order PLC-373

Dated August 9th, 2013

Lybrook Trunk Line #1 Gathering System

Sandoval County, New Mexico

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

On August 9th, 2013 Encana Oil & Gas (USA) Inc. (Encana) submitted a request for Administrative Approval (Amendment) to tie-in additional nineteen (19) additional wells to the Lybrook Gathering System #1 (LGS), which was originally approved by the New Mexico Oil Conservation Division (NMOCD) in order number PLC-373 on April 29, 2013 (the Amendment was approved on September 11, 2013 by order number PLC-373-A/OLM-82). 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. The Amendment further requested approval for Off Lease Measurement and Sale of Natural Gas, and in some cases, Off Lease Sale and Transportation of Oil and Condensate for the additional nineteen (19) wells.

More to the point, four (4) items have changed since said Amendment was filed with all of the aforementioned offices due to well pad location changes and discussions with the BLM regarding the Instructional Memorandum (IM) dated July 3, 2013; which specifically addressed the BLM's future proceedings and regulations regarding commingling.

The four (4) items that have been modified in the Amendment dated August 9th are as follows:

Modification 1: Attachment No. 1: Which 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 ~1st 6 months

4) Projected gas rate for individual wells

8) Projected gas heating value after ~1st 6 months

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

CHANGES: Due to discussions with the BLM at well site location reviews the Lybrook L29-2306 01H will be moved to the NWNW of Section 32, T23N R6W, which will require the name to be changed to the Lybrook D32-2306 01H. Similarly, the Lybrook M29-2306 01H will be moved to the NESE of Section 30, T23N R6W, which will require the name to be changed to the Lybrook I30-2306 01H. The Project Areas for both wells will not change. The revised Attachment No. 1 is enclosed.

Encana Oll & Gas (USA) Inc.

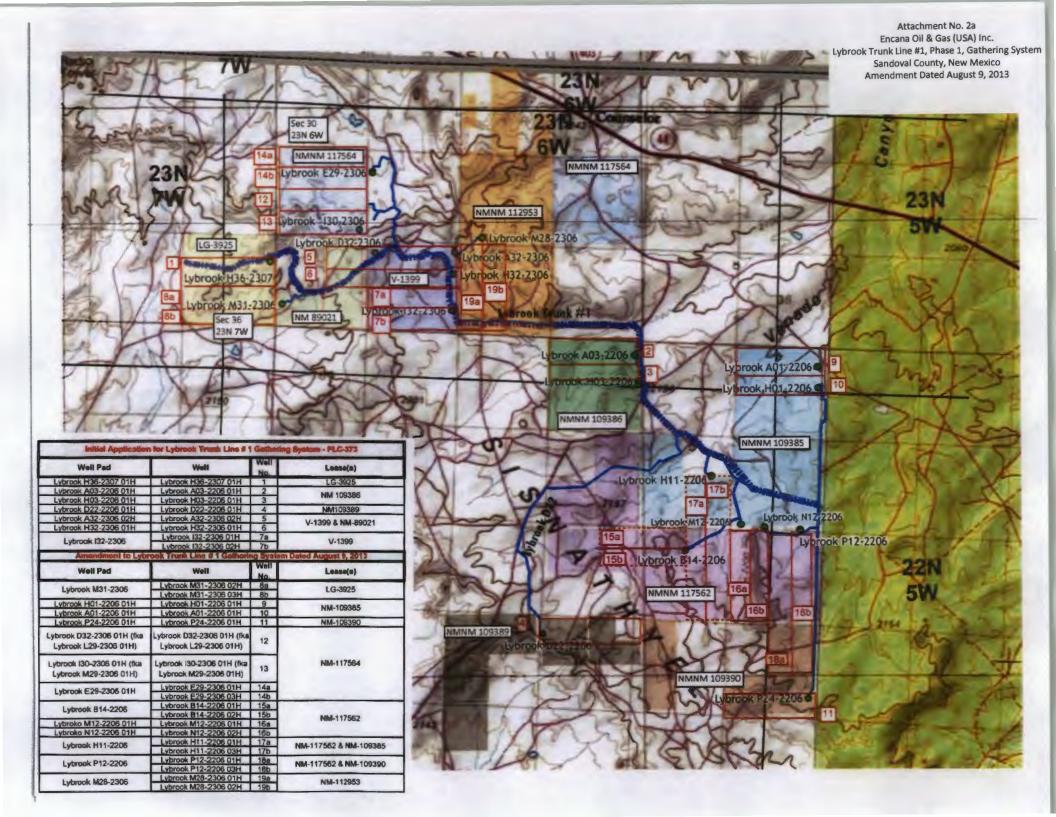
Comments	Projected Gas Heating Value (Btu/scf after ~1st 6 months)	*Projected Initial Gas Heating Value (Btu/scf) (through 1st ~6 Months)	Projected Gas %	Projected Lease Gas Rate (Mcf/day)	Projected Gas Rate (Mcf/Day)	Well Status	Completion Date	Lease Type	Lease No.	Pool	Project Area	Well No.	Communitization No. If Applicable	Well Location UL-Sec-Twn-Rng	API No.	Well Name
	1215	950	3%	350	350	Completed	03/10/2012	NM State	LG-3925	Lybrook Gallup Pool	S2N2 Sec 36 23N 7W (160 acres)	1	N/A	SENE-36-23N-7W		ybrook H36-2307 01H
	1215	950 950	11% 4%	1572	1162 410	Completed	03/10/2012 05/14/2013	NM State	NM 109386	Lybrook Gallup Pool	N2N2 Sec 3 22N 6W (160 acres)	2	N/A	A-NENE-3-22N-6W		ybrook A03-2206 01H ybrook H03-2206 01H
Current Status: 5 wells	1215 1215	950	4%	410	410	Completed Completed	11/17/2012	USA	NM109389	Lybrook Gallup Pool Widlcat	S2N2 Sec 3 22N 6W (160 acres) N2N2 Sec 22 22N 6W (160 acres)	3	N/A N/A	H-SENE-3-22N-6W D-SWNW-22-22N-6W		ybrook D22-2206 01H
Completed and producing	1215	950	3%		350	Drilled	N/A	USA	V-1399 & NM-	Lybrook Gallup Pool	N2N2 Sec 32; N2NE Sec 31 23N 6W (240 acres)	5	NMNM 130514	A-NENE-32-23N-6W	30-043-21127	ybrook A32-2306 02H
The additional 3 wells a contingent on success of initial 5 wells	1215	950	3%	700	350	Drilled	N/A	USA & NM State	89021	Lybrook Gallup Pool	S2N2 Sec 32; S2NE Sec 31 23N 6W (240 acres)	6	NMNM 130513	H-SENE-32-23N-6W	30-043-21126	ybrook H32-2306 01H
minus o wono	1215	950	3%	700	350	Completed	05/20/2013	NM State	V-1399	Lybrook Gallup Pool	N2S2 Sec 32 23N 6W (160 acres)	7a	N/A	I-NESE-32-23N-6W	30-043-21129	Lybrook 132-2306 01H
	1215	950	3%	100	350	Completed	06/09/2013	NM State	V-1000	Lybrook Gallup Pool	S2S2 Sec 32 23N 6W (160 acres)	7b	N/A	I-NESE-32-23N-6W	30-043-21125	Lybrook I32-2306 02H
Comments	Projected Gas Heating Value (Btu/scf after ~1st 6 months)	*Projected Initial Gas Heating Value (Btu/scf) (through 1st ~6 Months)	Projected Gas	Projected Lease Gas Rate (Mcf/day)	Projected Gas Rate (Mcf/Day)	Well Status	Completion Date		ne # 1 Gathe	nt to Lybrook Trunk Li	Amendmer Project Area	Well No.	Communitization No. if Applicable	Well Location UL-Sec-Twn-Rng	API No.	Well Name
	1215	950	3%	700	350	Drilled	N/A	NM State	10.0005	Lybrook Gallup Pool	N2S2 Sec 36 23N 7W (160 acres)	8a	N/A	M-SWSW-31-23N-6W	30-043-21146	ybrook M31-2306 02H
	1215	950	3%	700	350	Drilled	N/A	NM State	es) Lybrook Gallup Pool NM-109385	Lybrook Gallup Pool	S2S2 Sec 36 23N 7W (160 acres)	8b	N/A	M-SWSW-31-23N-6W	30-043-21145	ybrook M31-2306 03H
	1215	950	3%		350	Not Drilled	N/A	USA		S2N2 Sec 1 22N 6W (160 acres)	9	N/A	H-SENE-1-22N-6W	30-043-21122	ybrook H01-2206 01H	
	1215	950	3%	700	350	Not Drilled	N/A	USA		N2N2 Sec 1 22N 6W (161.4 acres)	10	N/A	A-NENE-1-22N-6W	30-043-21137	ybrook A01-2206 01H	
	1215	950	3%	350	350	Not Drilled	N/A	USA	NM-109390	Widlcat	S2S2 Sec 24 22N 6W (160 acres)	11	N/A	P-SESE-24-22N-6W	30-043-21124	ybrook P24-2206 01H
	1215	950	3%	330	350	Not Drilled	N/A	USA	NW-105350	Lybrook Gallup Pool	N2S2 Sec 24 22N 6W (160.85 acres)	12	N/A	D-NWNW-32-23N-6W	PENDING	ybrook D32-2306 01H fka Lybrook L29-2306 01H)
	1215	950	3%	1400	350	Not Drilled	N/A	USA	NM-117564	Lybrook Gallup Pool & Basin Mancos Gas Pool Lybrook Gallup Pool	S2S2 Sec 30 23N 6W (160.79 acres)	13	N/A	I-NESE-30-23N-6W	PENDING	Lybrook i30-2306 01H fka Lybrook M29-2306 01H)
Current Status: Future ware contingent on success	1215	950	3%		350	Not Drilled	N/A	USA			N2N2 Sec 30 23N 6W (160.97 acres)	14a	N/A	E-SWNW-29-23N-6W	30-043-21141	ybrook E29-2306 01H
initial 8 wells. Note: Total	1215	950	3%		350	Not Drilled	N/A	USA		Lybrook Gallup Pool	S2N2 Sec 30 23N 6W (160 acres)	14b	N/A	E-SWNW-29-23N-6W	30-043-21142	ybrook E29-2306 03H
is not expected to equal 3 MMcfpd due to wells bei dniled/completed and con	1215	950	3%		350	Not Drilled	N/A	USA		Lybrook Gallup Pool	N2NW Sec 14 & N2NE Sec 15 22N 6W (160 acres)	15a	N/A	B-NWSW-14-22N-6W	PENDING	ybrook B14-2206 01H
online at different times. I	1215	950	3%	1400	350	Not Drilled	N/A	USA	NM-117562	Lybrook Gallup Pool	S2NW Sec 14 & S2NE Sec 15 22N 6W (160 acres)	15b	N/A	B-NWSW-14-22N-6W	PENDING	ybrook B14-2206 02H
before future wells com online.	1215	950	3%	1400	350	Not Drilled	N/A	USA	Tunt 117552	Lybrook Gallup Pool	W2W2 Sec 13 22N 6W (160 acres)	16a	N/A	M-SWSW-12-22N-6W	PENDING	ybrook M12-2206 01H
	1215	950	3%		350	Not Drilled	N/A	USA		Lybrook Gallup Pool	E2W2 Sec 13 22N 6W (160 acres)	16b	N/A	N-SESW-12-22N-6W	PENDING	ybrook N12-2206 02H
	1215	950	7%	700	350	Not Drilled	N/A	USA	NM-117562 &	Lybrook Gallup Pool	W2SE Sec 11 & W2E2 Sec 14 22N 6W (240 acres)	17a	PENDING	H-SENE-11-22N-6W	PENDING	ybrook H11-2206 01H
	1215	950	1,70	700	350	Not Drilled	N/A	USA	Lybrook Gallup Pool NM-109385	Lybrook Gallup Pool	E2SE Sec 11 & E2E2 Sec 14 22N 6W (240 acres)	17b	r ENDING	H-SENE-11-22N-6W	PENDING	ybrook H11-2206 03H
	1215	950	7%	700	350	Not Drilled	N/A	USA	NM-117562 &	Lybrook Gallup Pool	W2E2 Sec 13 & W2NE Sec 24 22N 6W (240 acres)	18a	PENDING -	P-SESE-12-22N-6W	PENDING	ybrook P12-2206 01H
	1215	950	70	130	350	Not Drilled	N/A	USA	NM-109390	Lybrook Gallup Pool	E2E2 Sec 13 & E2NE Sec 24 22N 6W (240 acres)	18b	TENDING	P-SESE-12-22N-6W	PENDING	ybrook P12-2206 03H
	1215	950		1	350	Not Drilled	N/A	USA		Lybrook Gallup Pool	W2W2 Sec 33 23N 6W (160 acres)	19a	N/A	M-SESE-12-22N-6W	PENDING	ybrook M28-2306 01H
			7%	700					rbrook Gallup Pool							

EXPLANATION LEGEND

To date, Encana has five (5) 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 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.



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Initial Application for Lybrook Trunk #1 Gathering System

Lybrook D22-2206 01H D-SWNW-22-22N-6W

Interest Owner		2 22N 6W (160 acres) NM109389 Widlcat
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 100.000%	<u>Net</u> 80.000%
Royalty Interest USA c/o BLM	0.000%	12.500%
Overriding Royalty Interest Synergy Operating, LLC PO Box 5513 Farmington, NM 87449	0.000%	7.500%
TOTAL	100.000%	100.000%
	A-NE N2N2 Sec	bk A03-2206 01H ENE-3-22N-6W 3 22N 6W (160 acres) NM 109386
Interest Owner		ook Gallup Pool

Luber - I. U00 0000 04U
Lybrook H03-2206 01H
H-SENE-3-22N-6W
S2N2 Sec 3 22N 6W (160 acres)
NM 109386
Lybrook Gallup Pool

<u>Interest Owner</u>	N2N2 Sec 3 N	NE-3-22N-6W 22N 6W (160 acres) M 109386 ok Gallup Pool	H-SENE-3-22N-6W S2N2 Sec 3 22N 6W (160 acres) NM 109386 Lybrook Gallup Pool		
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 41.250%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 41.250%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%	Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%
Royalty Interest USA c/o BLM	0.000%	12.500%	Royalty Interest USA c/o BLM	0.000%	12.500%
Overriding Royalty Interest Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%	Overriding Royalty Interest Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%
TOTAL	100.000%	100.000%	TOTAL	100.000%	100.000%
http://	I-NES S2S2 Sec 32	ok 132-2306 02H SE-32-23N-6W 2 23N 6W (160 acres) V-1399	Lybrook A32-2306 02H A-NENE-32-23N-6W N2N2 Sec 32; N2NE Sec 31 V-1399 & NM-89021 Lybrook Gallup Pool		
Interest Owner	Lybro	ok Gallup Pool	Lybrook	Gallup Pool	
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 40.528%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 40.528%
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	41.461%	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%	OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046-0506	0.000%	0.000%
Royalty Interest State of New Mexico	0.000%	11.112%	Royalty Interest State of New Mexico	0.000%	11.112%
USA c/o BLM	0.000%	4.166%	USA c/o BLM	0.000%	4.166%
Overriding Royalty Interest Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210	0.000%	1.400%	Overriding Royalty Interest 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%	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%	Myco Industries Inc. 105 South 4th Street Artesia, NM 88210	0.000%	0.20%

Lybrook H32-2306 01H H-SENE-32-23N-6W S2N2 Sec 32: S2NE Sec 31 V-1399 & NM-89021 Lybrook Gallup Pool

Interest Owner

Lybrook 132-2306 01H I-NESE-32-23N-6W N2S2 Sec 32 23N 6W (160 acres) V-1399 Lybrook Gallup Pool

		···········			
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 40.167%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 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%
Royalty Interest State of New Mexico	0.000%	16.667%	Royalty Interest State of New Mexico	0.000%	16.667%
Overriding Royalty Interest Yates Petroleum Corporation 105 South 4th Street Artesia, NM 88210	0.000%	2.100%	Overriding Royalty Interest 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%
TOTAL	100.000%	100.000%	TOTAL	100.000%	100.000%

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

		LG-3923	
Interest Owner	Lybro	ook Gallup Pool	
Working Interest	Gross	<u>Net</u>	
Encana Oil & Gas (USA) Inc.	50.000%	41.250%	
370 17th Street, Suite 1700			
Denver, CO 80202			
Dugan Production Corp.	50.000%	43.750%	
709 E. Murray Dr.			
Farmington, New Mexico 87401			
Royalty Interest			
State of New Mexico, Acting by			
and through Its Commissioner of			
Public Lands	0.000%	12.500%	
Overriding Royalty Interest			
Dugan Production Corp.	0.000%	2.500%	
709 E. Murray Dr.			
Farmington, New Mexico 87401			
TOTAL	100.000%	100.000%	

Amendment to Lybrook	Trunk #1	Gathering S	System Date	ed August 9.	2013
Alliendinent to Lybrook	II WILK # I	Quality in	Jystoiii Dut	va magasi o,	

Lybrook M31-2306 01H M-SWSW-31-23N-6W N2S2 Sec 36 23N 7W (160 acres) LG-3925 Interest Owners Lybrook Gallup Pool			Interest Owners	Lybrook M31-2306 02H M-SWSW-31-23N-6W S2S2 Sec 36 23N 7W (160 acres) LG-3925 Lybrook Gallup Pool		
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 40.250%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 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%	

100.000% TOTAL 100.000% 100.000% TOTAL 100.000%

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

<u>Lybrook A01-2206 01H</u> A-NENE-1-22N-6W N2N2 Sec 1 22N 6W (161.4 acres)

Interest Owners	NM-109385 hterest Owners Lybrook Gallup Pool		Interest Owners	NM-109385 Lybrook Gallup Pool		
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 41.250%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 41.250%	
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%	Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%	
Royalty Interest USA c/o BLM	0.000%	12.500%	Royalty Interest USA c/o BLM	0.000%	12.500%	
Overriding Royalty Interest Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%	Overriding Royalty Interest Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%	
TOTAL	100.000%	100.000%	TOTAL	100.000%	100.000%	

<u>Lybrook P24-2206 01H</u> P-SESE-24-22N-6W S2S2 Sec 24 22N 6W (160 acres)

Lybrook D32-2306 01H (fka Lybrook L29-

Interest Owners	NM-109390 Widlcat				
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 50.000%	<u>Net</u> 41.250%			
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	50.000%	43.750%			
Royalty Interest USA c/o BLM	0.000%	12.500%			
Overriding Royalty Interest Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	2.500%			
TOTAL	100.000%	100.000%			

Lybrook I30-2306 01H (fka Lybrook M29-

Interest Owners	D-NW N2S2 Sec 30	2306 01H) NW-32-23N-6W 23N 6W (160.85 acres) NM-117564 book Gallup Pool	<u>Interest Owners</u>	2306 01H) I-NESE-30-23N-6W S2S2 Sec 30 23N 6W (160.79 acres) NM-117564 Lybrook Gallup Pool & Basin Mancos Gas		
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 87.500%	<u>Net</u> 70.000%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 87.500%	<u>Net</u> 70.000%	
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%	JMJ Land & Minerals Company 2204 North Santiago Avenus Farmington, NM 87401	12.500%	10.000%	
Royalty Interest USA c/o BLM	0.000%	12.500%	Royalty Interest USA c/o BLM	0.000%	12.500%	
Overriding Royalty Interest James R.J. Strickler and Marie R. Strickler, Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%	Overriding Royalty Interest James R.J. Strickler and Marie R. Strickler, Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%	
TOTAL	100.000%	100.000%	TOTAL	100.000%	100.000%	

Lybrook E29-2306 01H E-SWNW-29-23N-6W N2N2 Sec 30 23N 6W (160.97 acres)

Lybrook E29-2306 03H E-SWNW-29-23N-6W S2N2 Sec 30 23N 6W (160 acres) NM-117564

		23N 6W (160.97 acres)		S2N2 Sec 30 23N 6W (160 acres) NM-117564		
Interest Owners	NM-117564 Lybrook Gallup Pool		Interest Owners	Lybrook Gallup Pool		
<u></u>		The Contract of the Contract o				
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 87.500%	<u>Net</u> 70.000%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 87.500%	<u>Net</u> 70.000%	
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%	JMJ Land & Minerals Company 2204 North Santiago Avenu∈ Farmington, NM 87401	12.500%	10.000%	
Royalty Interest USA c/o BLM	0.000%	12.500%	Royalty Interest USA c/o BLM	0.000%	12.500%	
Overriding Royalty Interest James R.J. Strickler and Marie R. Strickler, Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%	Overriding Royalty Interest James R.J. Strickler and Marie R. Strickler, Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%	
TOTAL	100.000%	100.000%	TOTAL	100.000%	100.000%	
Interest Owners	E-SWN S2N2 Sec 30 NI	k E29-2306 03H W-29-23N-6W 23N 6W (160 acres) M-117564 ok Gallup Pool				
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 87.500%	<u>Net</u> 70.000%				
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%				
Royalty Interest USA c/o BLM	0.000%	12.500%				
Overriding Royalty Interest James R.J. Strickler and Marie R. Strickler, Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%				
TOTAL	100.000%	100.000%				
Interest Owners	<u>Lybrook B14-2206 01H</u> B-NWSW-14-22N-6W N2NW Sec 14 & N2NE Sec 15 22N 6W (160 NM-117562 Lybrook Gallup Pool		<u>Interest Owners</u>	B-NW S2NW Sec 14 & S	ok B14-2206 02H SW-14-22N-6W S2NE Sec 15 22N 6W (160 NM-117562 ook Gallup Pool	
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 100.000%	<u>Net</u> 80.000%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 100.000%	<u>Net</u> 80.000%	

<u>Lybrook M12-2206 01H</u> M-SWSW-12-22N-6W

12.500%

7.500%

100.000%

W2W2 Sec 13 22N 6W (160 acres) NM-117562 Lybrook Gallup Pool

<u>Lybrook N12-2206 01H</u> N-SESW-12-22N-6W E2W2 Sec 13 22N 6W (160 acres) NM-117562 Lybrook Gallup Pool

Working Interest Gross Net Encana Oil & Gas (USA) Inc. 80.000% 100.000%

0.000%

0.000%

100.000%

Overriding Royalty Interest Bayless Ranches, LLC

Interest Owners

370 17th Street Suite 1700

Farmington, NM 87499

Royalty Interest USA c/o BLM

P.O. Box 168

TOTAL

Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street Suite

Interest Owners

Royalty Interest USA c/o BLM

P.O. Box 168

TOTAL

Overriding Royalty Interest Bayless Ranches, LLC

Farmington, NM 87499

<u>Gross</u> 100.000%

0.000%

0.000%

100.000%

<u>Net</u> 80.000%

12.500%

7.500%

100.000%

<u>Lybrook H11-2206 01H</u> H-SENE-11-22N-6W W2SE Sec 11 & W2E2 Sec 14 22N 6W (240

100.000%

TOTAL

100.000%

TOTAL

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

100.000%

100.000%

Interest Owners	NM-117	V2E2 Sec 14 22N 6W (240 562 & NM-109385 ok Gallup Pool	Interest Owners	E2SE Sec 11 & E2E2 Sec 14 22N 6W (240 NM-117562 & NM-109385 Lybrook Gallup Pool		
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 83.350%	<u>Net</u> 67.096%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 83.350%	<u>Net</u> 67.096%	
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	16.650%	14.569%	Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	16.650%	14.569%	
Royalty Interest USA c/o BLM	0.000%	12.500%	Royalty Interest USA c/o BLM	0.000%	12.500%	
Overriding Royalty Interest Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	0.833%	Overriding Royalty Interest 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%	Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	5.003%	
TOTAL	100.000%	100.000%	TOTAL	100.000%	100.000%	
Interest Owners	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		ESTMATED Interest Owners	P-S E2E2 Sec 13 & NM-11	ook P12-2206 03H ESE-12-22N-6W E2NE Sec 24 22N 6W (240 7562 & NM-109390 rook Gallup Pool	
<u></u>		on Sullap 1 301	<u></u>		rook Canap i coi	
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 83.350%	<u>Net</u> 67.096%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 83.350%	<u>Net</u> 67.096%	
Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	16.650%	14.569%	Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	16.650%	14.569%	
Royalty Interest USA c/o BLM	0.000%	12.500%	Royalty Interest USA c/o BLM	0.000%	12.500%	
Overriding Royalty Interest Dugan Production Corp. 709 E. Murray Dr. Farmington, New Mexico 87401	0.000%	0.833%	Overriding Royalty Interest 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%	Bayless Ranches, LLC P.O. Box 168 Farmington, NM 87499	0.000%	5.003%	
TOTAL	100.000%	100.000%	TOTAL	100.000%	100.000%	
<u>Interest Owners</u>	M-SE W2W2 Sec 3 N	k M28-2306 01H SE-12-22N-6W 3 23N 6W (160 acres) IM-112953 ok Gallup Pool	<u>Interest Owners</u>	M-S E2W2 Sec	ook M28-2306 02H ESE-12-22N-6W 33 23N 6W (160 acres) NM-112953 rook Gallup Pool	
Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 87.500%	<u>Net</u> 70.000%	Working Interest Encana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202	<u>Gross</u> 87.500%	<u>Net</u> 70.000%	
JMJ Land & Minerals Company 2204 North Santiago Avenue Farmington, NM 87401	12.500%	10.000%	JMJ Land & Minerals Company 2204 North Santiago Avenuε Farmington, NM 87401	12.500%	10.000%	
Royalty Interest USA c/o BLM	0.000%	12.500%	Royalty Interest USA c/o BLM	0.000%	12.500%	
Overriding Royalty Interest James R.J. Strickler and Marie R. Strickler, As Joint Tenants 2204 North Santiago Avenus Farmington, NM 87401	0.000%	7.500%	Overriding Royalty Interest James R.J. Strickler and Marie R. Strickler, As Joint Tenants 2204 North Santiago Avenue Farmington, NM 87401	0.000%	7.500%	

District I 1625 N. French Drive, Phone: (575) 393-6161 Hobbs, NM 88240 Fax: (575) 393-0720 Fax: (575) 393-0720 Fax: (575) 748-1283 Fax: (575) 748-9720

811 S. First Street, Artesid, 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 B7505 Phone: (505) 476–3460 Fax: (505) 476–3462

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 1, 2011

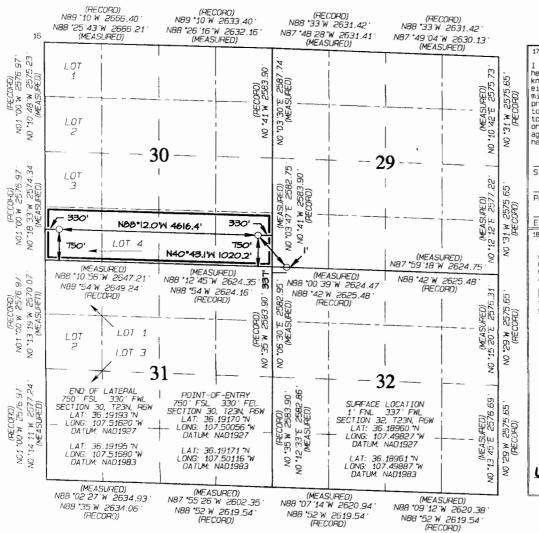
Submit one copy to Appropriate District Office

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number Pool Code											
42289				LYBROOK GALLUP							
*Property	Code				*Property	Name		P.M.	⁵Well Number		
					LYBROOK D	LYBR00K D32-2306			01H		
'OGRID N	√o .				*Operator	Name		9	Elevation		
28232	7			ENCA	NA OIL & G	SAS (USA) INC	C.		7247		
					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		
D	32	23N	6W		1	NORTH	337	WEST	SANDOVAL		
		1	1 Botto	m Hole	Location I	f Different	rom Surfac	е			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
Μ	30	23N	6W	4	750	SOUTH	330	WEST	SANDOVAL		
¹² Dedicated Acres		160.79 S/2 - 9		30	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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



17 OPERATOR CERTIFICATION "UPERATUR CEHTIFICATION
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 Date Printed Name 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 of Survey: JULY 24, 2013 Signature and Seal of Professional Surveyor EDWARDS JASON С. MEXICO EN PEGISTAL PROFESSIONAL SAME Certificate Number

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 Prone: (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

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

Revised August 1, 2011

Form C-102

Date

SAMEYOR

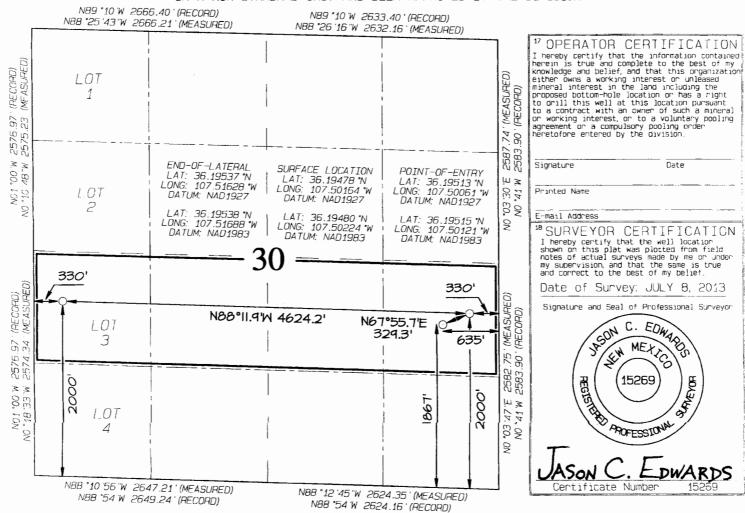
Submit one copy to Appropriate District Office

AMENDED REPORT

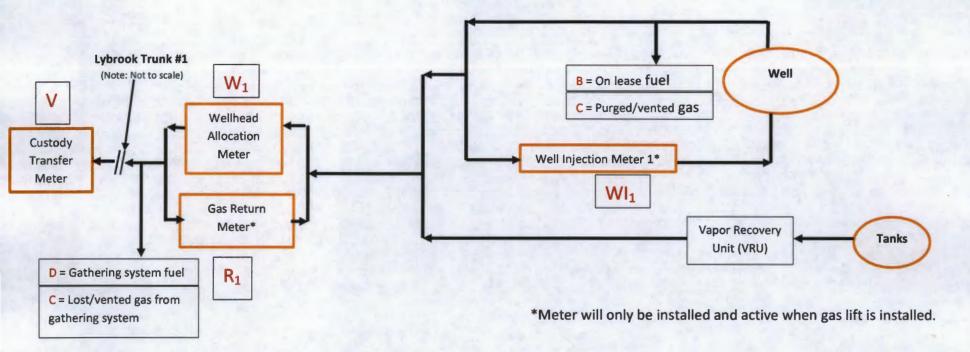
WELL LOCATION AND ACREAGE DEDICATION PLAT

			² Pool Cod 42289		*Pool Name LYBROOK GALLUP						
'Property	Property Code				5Property	/ Name	6 M	⁶ Well Number			
					LYBROOK I	[30-2306		1777	01H		
OGRID N	No .				*Operator	· Name		9	Elevation		
2 B 232	7			ENCA	VA OIL & G	GAS (USA) INC	<u> </u>		7150		
					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		
1	30	2.3N	6W		1867	SOUTH	635	EAST	SANDOVAL		
		1	1 Botto	m Hole	Location I	f Different F	rom Surface	9			
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		2000	SOUTH	330	WEST	SANDOVAL		
12 Dedicated Acres		35 Acres	s - N/2	2 S/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Onder 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



Gas Measurement Allocation Procedure for Single Well Pads



Base Data:

V = Gas Volume (MCF) from Custody Transfer Meter during allocation period (Enterprise Products Partners)

R = Gas Volume (MCF) from Gas Return Meter (Encana)*

W₁ = Gas Volume (MCF) from Wellhead Allocation Meter at individual wells during allocation period. (Encana)

WI₁ = Gas Volume (MCF) from Well Injection Meter at individual wells during allocation period. (Encana)*

Y = Heating Value (BTU/scf) from Custody Transfer Meter during allocation period. (Enterprise Products Partners)

Z = Heating Value (BTU/scf) from individual Wellhead Allocation Meter and Well Injection Meter. (Encana)

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

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

A = Allocated Gas production off lease, MCF: $[(W_1-R_1)/((W_1-R_1)+(W_2-R_2)+(W_n-R_n))]*(V)$

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.

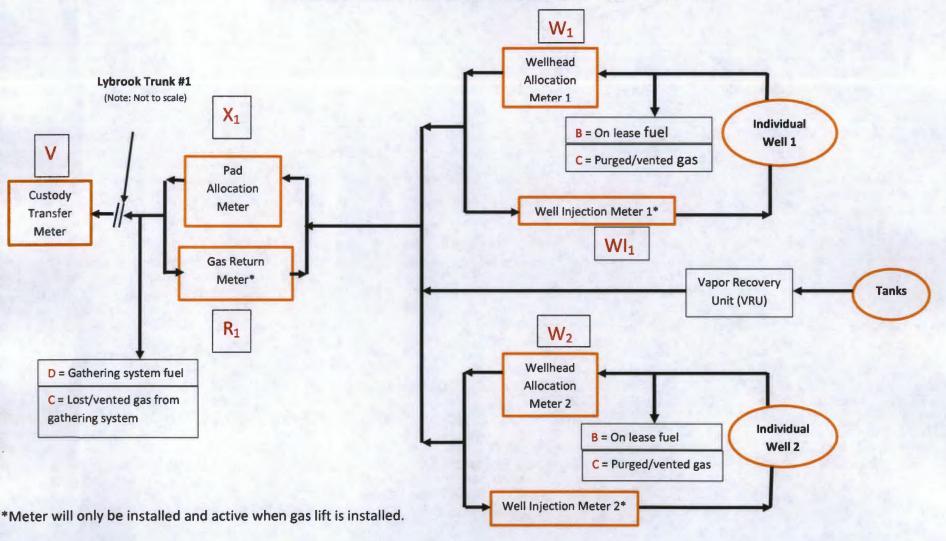
D = Allocated fuel from gathering system equipment, MCF. The total fuel required to operate gathering system equipment will be allocated to the individual wells benefiting from the equipment using allocation factors determined by $[(W_1-R_1)/((W_1-R_1)+(W_2-R_2)+(W_n-R_n))]$.

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 the time of the loss. The total volumes lost and/or vented will be allocated to the individual wells affected using factors determined $[(W_1-R_1)/((W_1-R_1)+(W_2-R_2)+(W_n-R_n))]$.

Individual Well BTU's = $[((W_n-R_n)*Z_n)/SUM((W_n-R_n)*Z_n)]*Y$

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

Gas Measurement Allocation Procedure for Multi-Well Pads



 $WI_2 \\$

Base Data:

V = Gas Volume (MCF) from Custody Transfer Meter during allocation period (Enterprise Products Partners)

 X_x = Gas Volume (MCF) from Pad Allocation Meter during allocation period. (Encana)

R_x = Gas Volume (MCF) from Gas Return Meter at Well Pad (Encana)*

 $(X_x - R_x) = Gas Volume (MCF)$ for total Well Pad Production (Encana)

 W_x = Gas Volume (MCF) from Wellhead Allocation Meter at individual wells during allocation period. (Encana)

WI_x = Gas Volume (MCF) from Well Injection Meter at individual wells during allocation period. (Encana)*

Y = Heating Value (BTU/scf) from Custody Transfer Meter during allocation period. (Enterprise Products Partners)

Z = Heating Value (BTU/scf) from individual Wellhead Allocation Meter and Well Injection Meter. (Encana)

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

Well Pad Gas Production = A + B + C + D + E

A = Allocated Gas production off lease for Well Pad, MCF: $[(X_1-R_1)/((X_1-R_1)+(X_2-R_2)+(X_n-R_n))]*(V)$

Please note, gas production (MCF) for individual wells on a Well Pad is calculated using the formula: $[(W_1-WI_1)/((W_1-WI_1)+(W_2-WI_2)+(W_n-WI_n))]*(X_1-R_1)$

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 Well Pads benefiting from the equipment using allocation factors determined by $[(X_1-R_1)/((X_1-R_1)+(X_2-R_2)+(X_n-R_n))]$ and for individual wells using allocation factors determined by $[(W_1-W_1)/((W_1-W_1)+(W_2-W_1)+(W_n-W_1))]$.

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 the time of the loss. The total volumes lost and/or vented will be allocated to the Well Pads affected using factors determined by $[(X_1-R_1)/((X_1-R_1)+(X_2-R_2)+(X_n-R_n))]$, and for individual wells using factors determined by $[(W_1-W_1)/((W_1-W_1)+(W_2-W_1)+(W_n-W_1))]$.

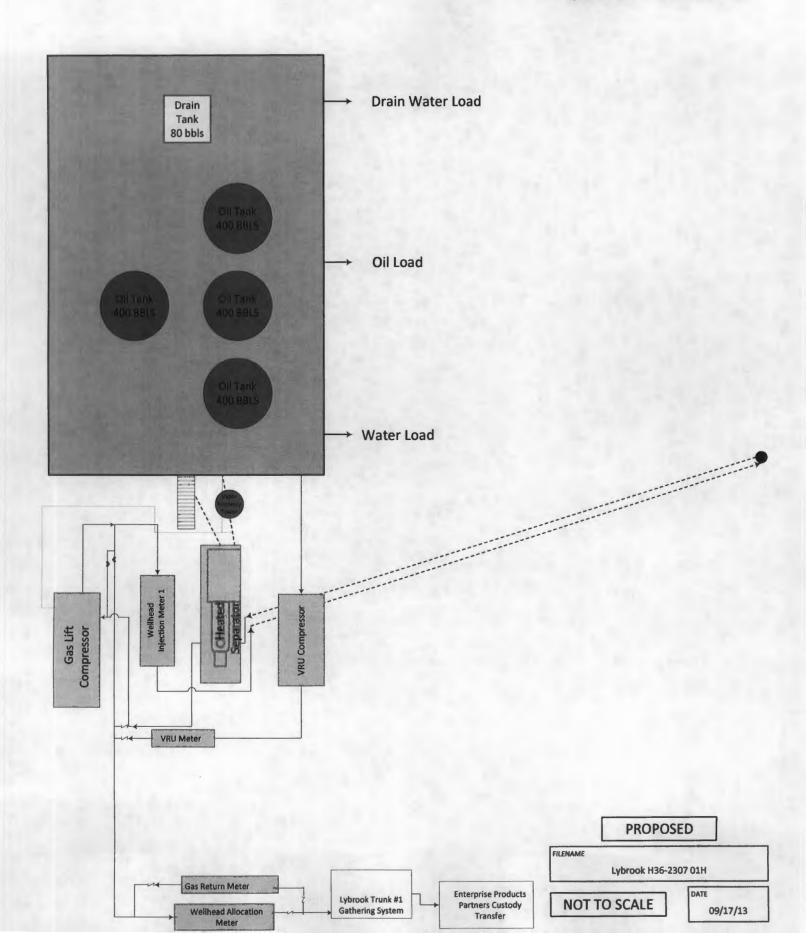
Individual Well BTU's = $[((W_n-WI_n)*Z_n)/SUM((W_n-WI_n)*Z_n)]*Y$ Individual well gas heating values to be determined in accordance with BLM regulations.

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

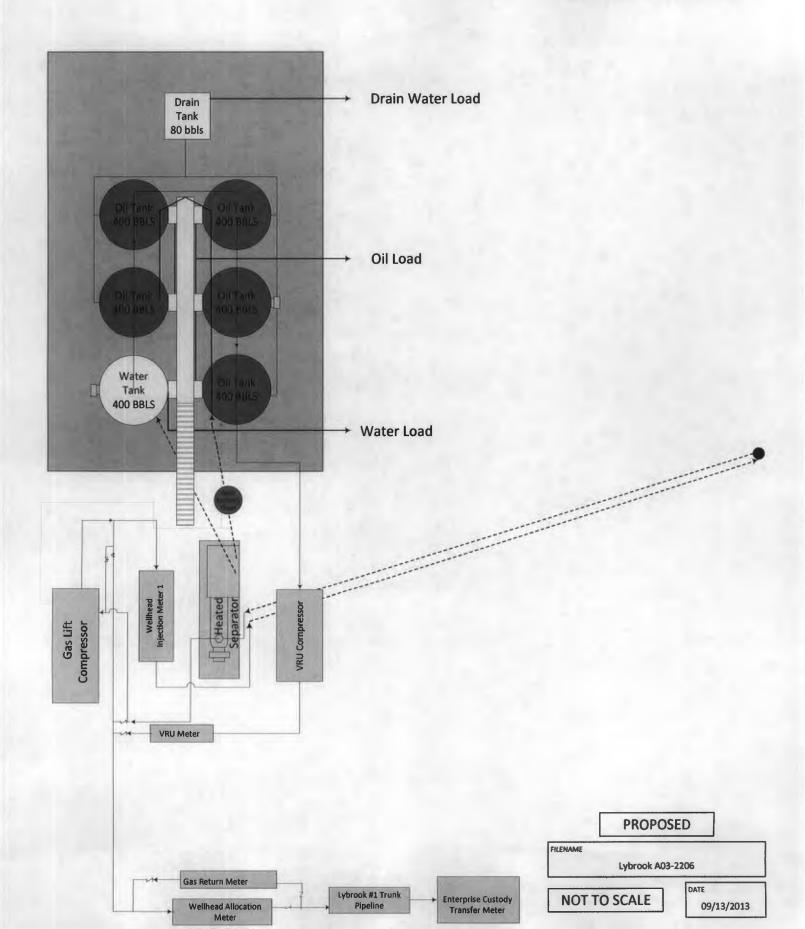
Lybrook M31-2306	Lybrook M31-2306 02H			
Lybrook Mis 1-2306	Lybrook M31-2306 03H			
Lybrook H01-2206 01H	Lybrook H01-2206 01H			
Lybrook A01-2206 01H	Lybrook A01-2206 01H			
Lybrook P24-2206 01H	Lybrook P24-2206 01H			
Lybrook D32-2306 01H (fka Lybrook L29-2306 01H)	Lybrook D32-2306 01H			
Lybrook I30-2306 01H (fka Lybrook M29-2306 01H)	Lybrook 30-2306 01H			
Lybrook E29-2306	Lybrook E29-2306 01H			
01H	Lybrook E29-2306 03H			
Lubrook P14 2206	Lybrook B14-2206 01H			
Lybrook B14-2206	Lybrook B14-2206 02H			
Lybroko M12-2206 01H	Lybrook M12-2206 01H			
Lybroko N12-2206 01H	Lybrook N12-2206 02H			
Lubrack U111 2206	Lybrook H11-2206 01H			
Lybrook H11-2206	Lybrook H11-2206 03H			
Lybrook P12-2206	Lybrook P12-2206 01H			
Lybiook P 12-2206	Lybrook P12-2206 03H			
Lybrook M28-2306	Lybrook M28-2306 01H			
Lybrook 19126-2306	Lybrook M28-2306 02H			

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

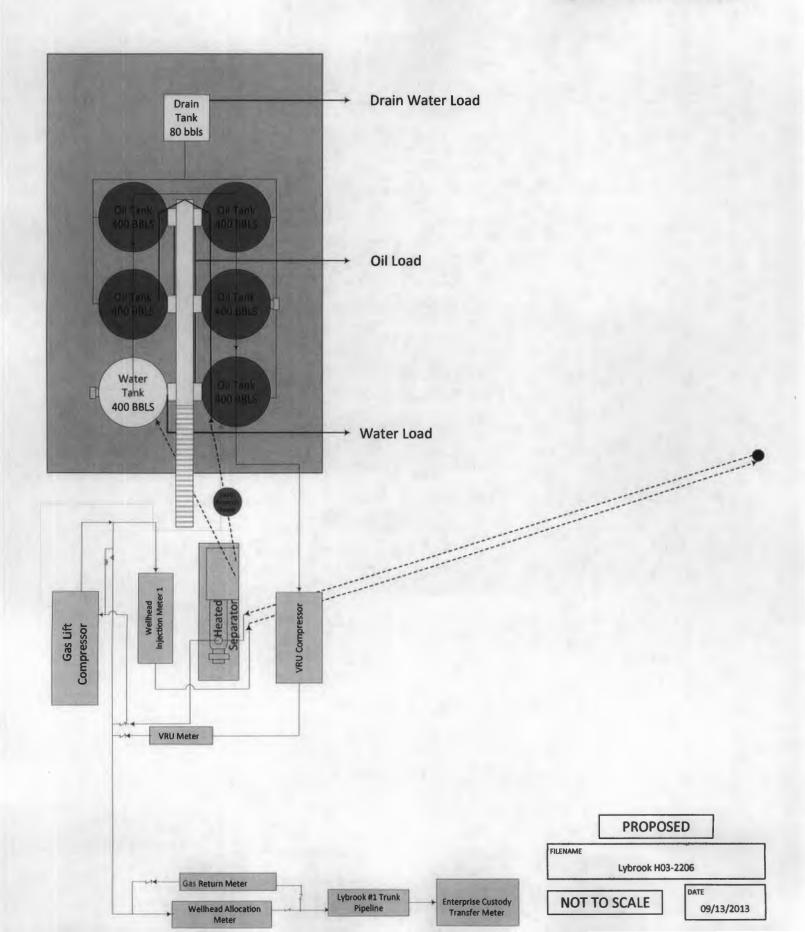
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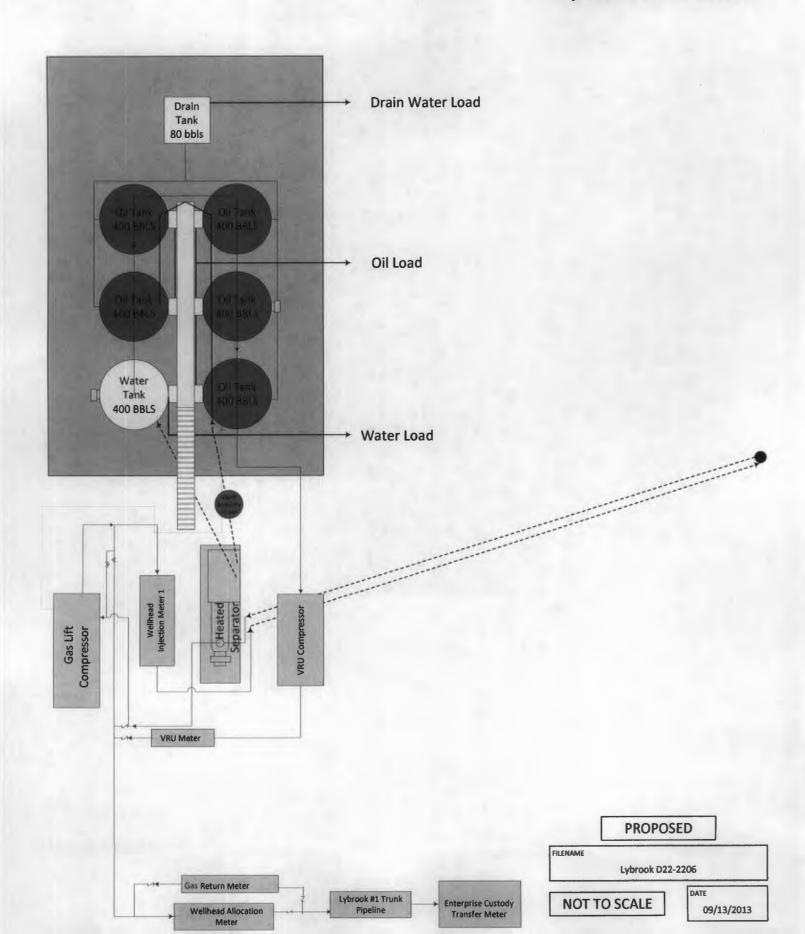
Lybrook A03-2206 01H



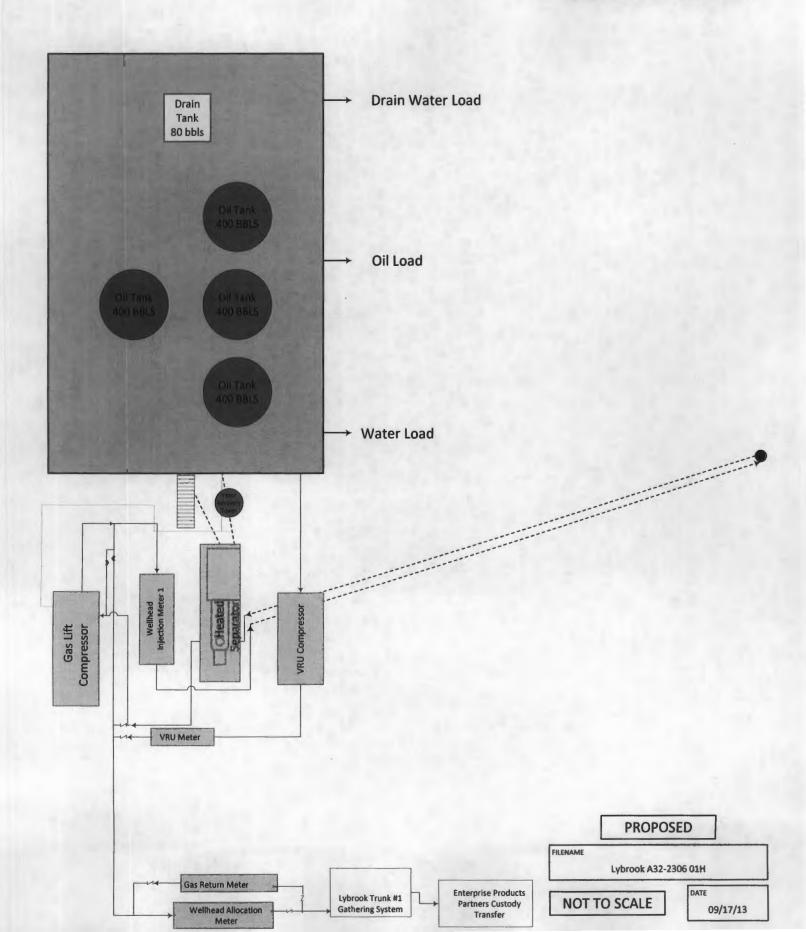
Lybrook H03-2206 01H



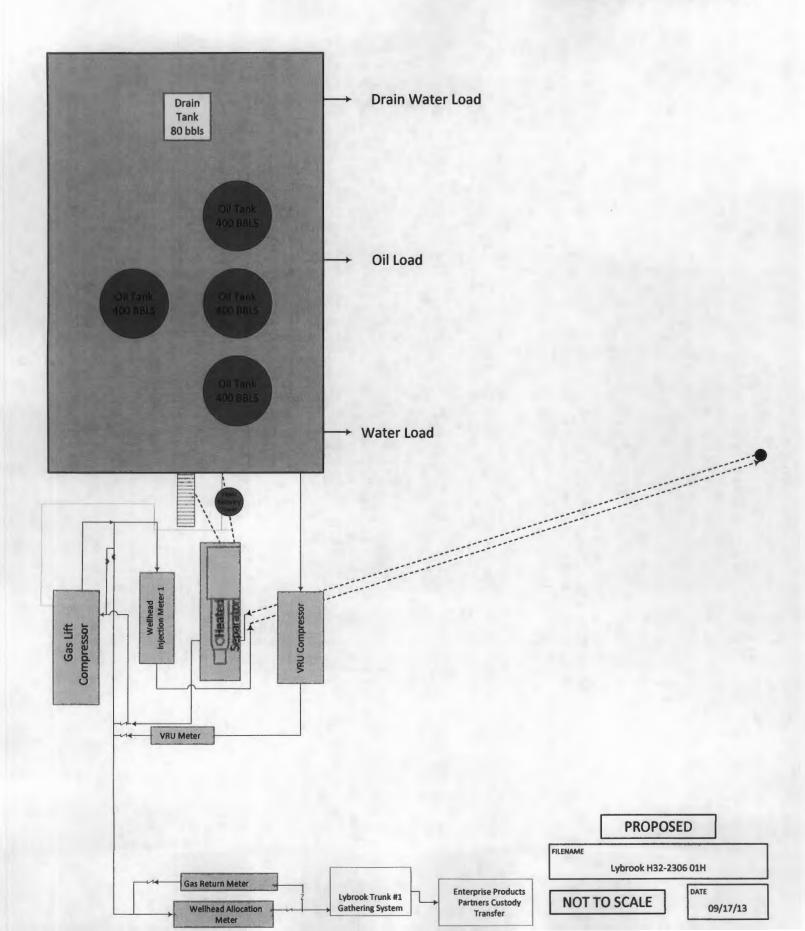
Lybrook D22-2206 01H

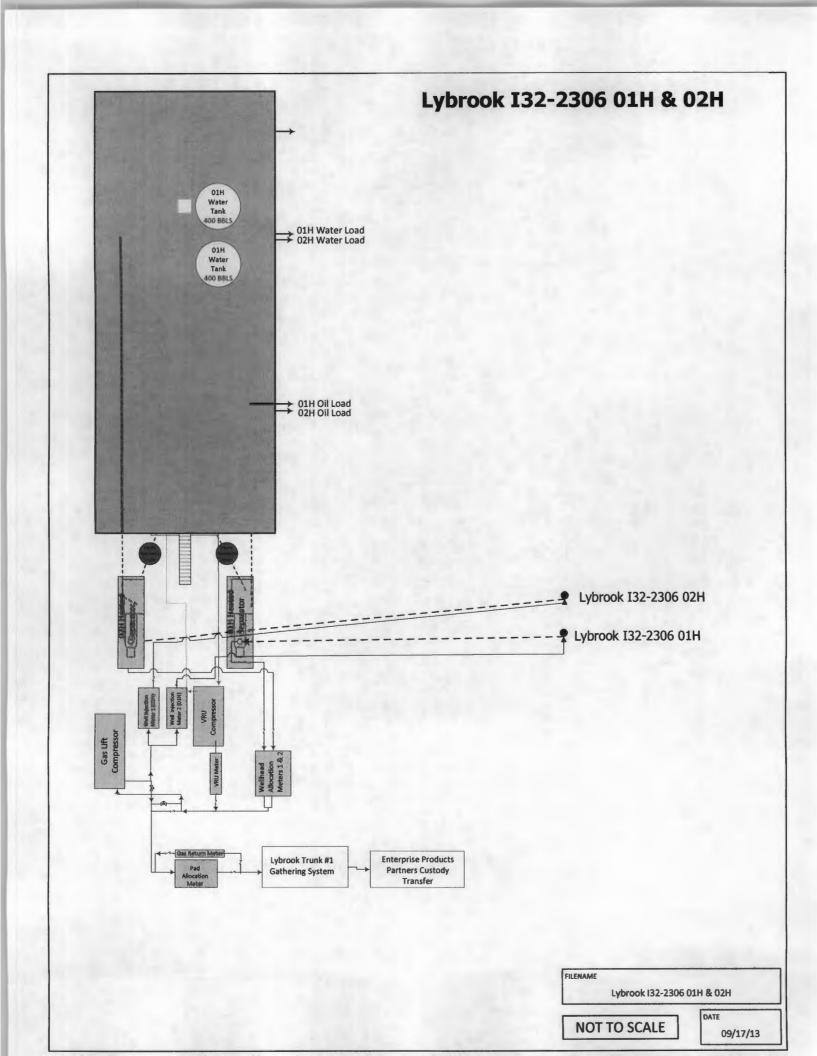


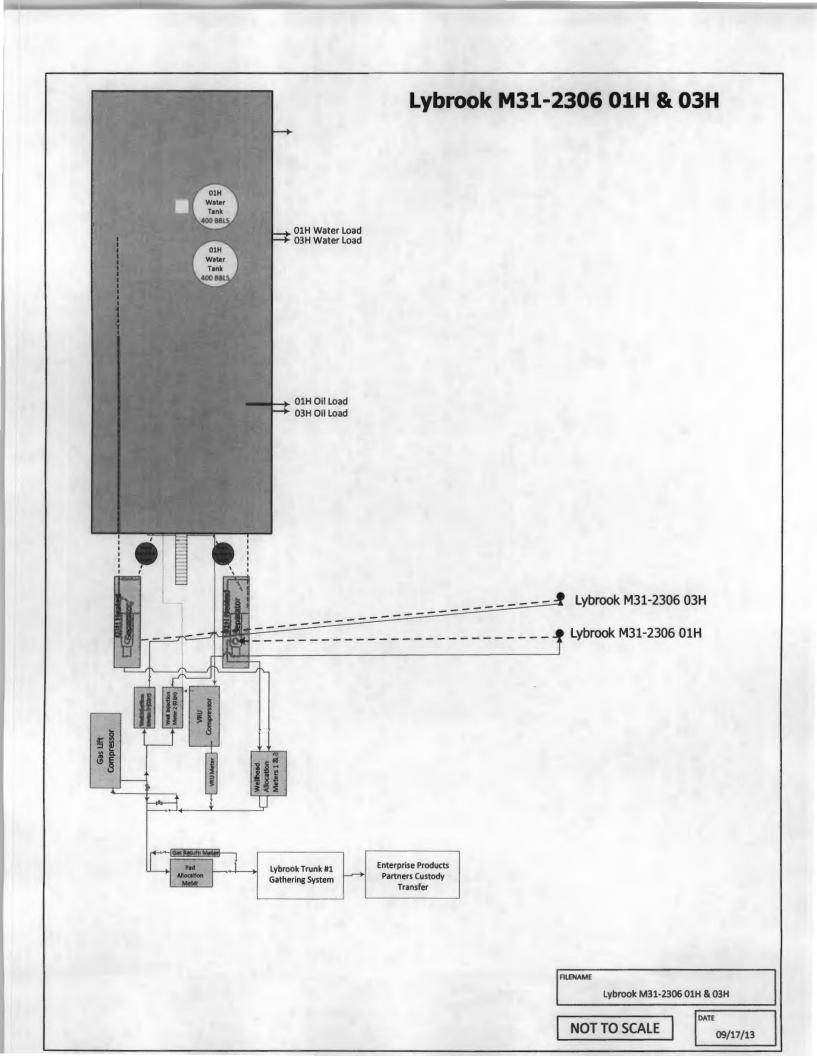
Lybrook A32-2306 01H



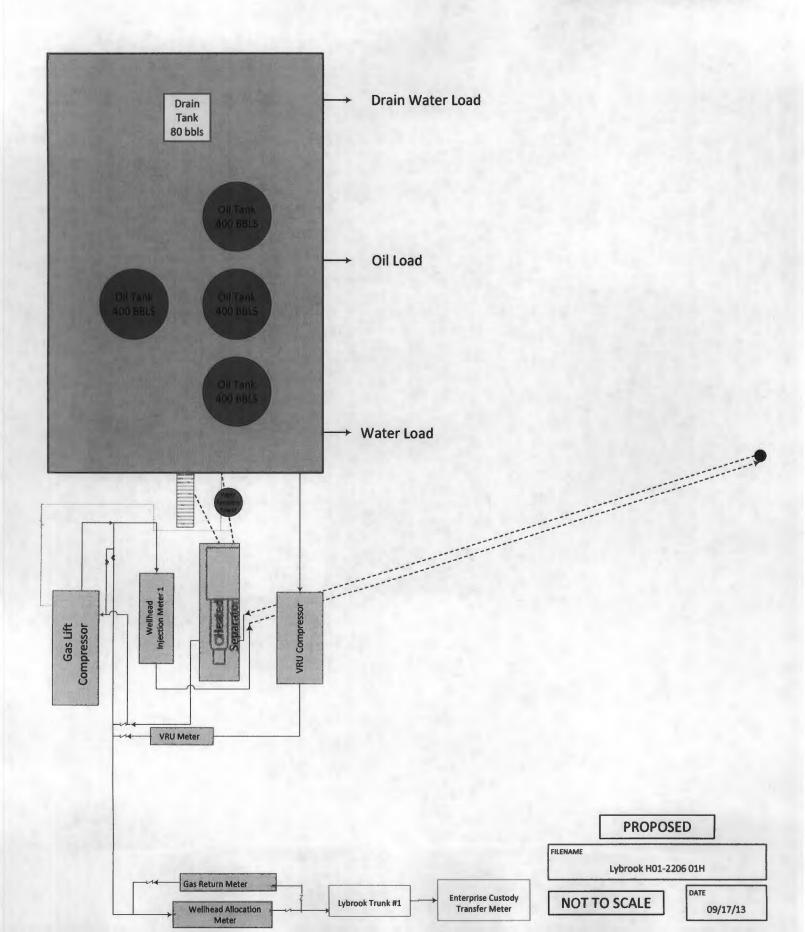
Lybrook H32-2306 01H



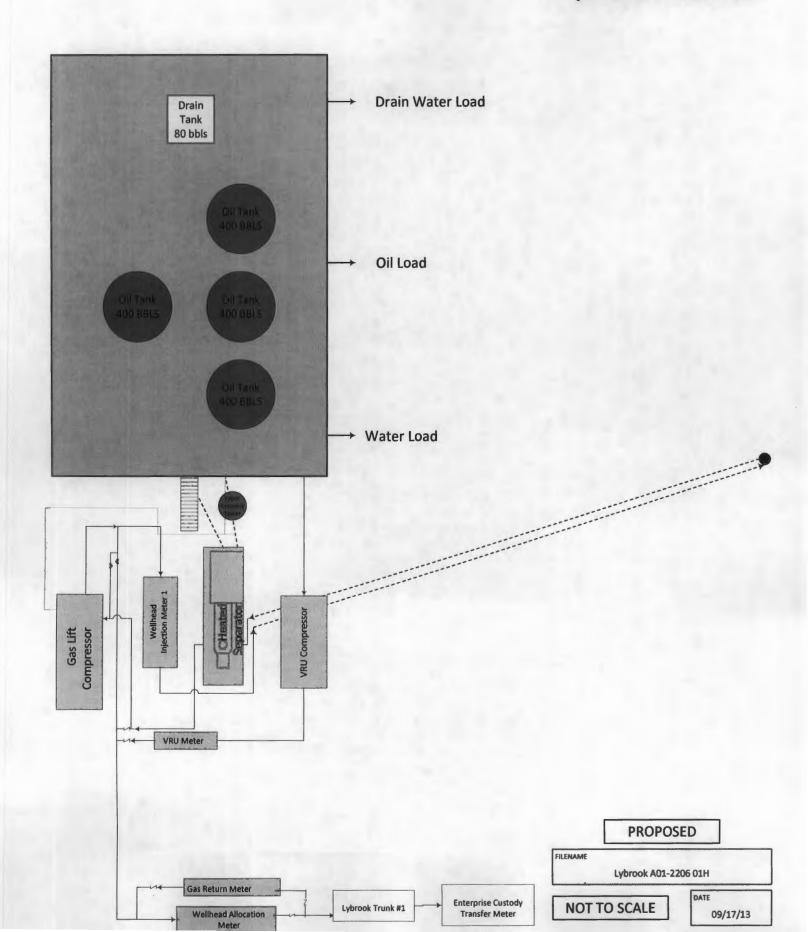




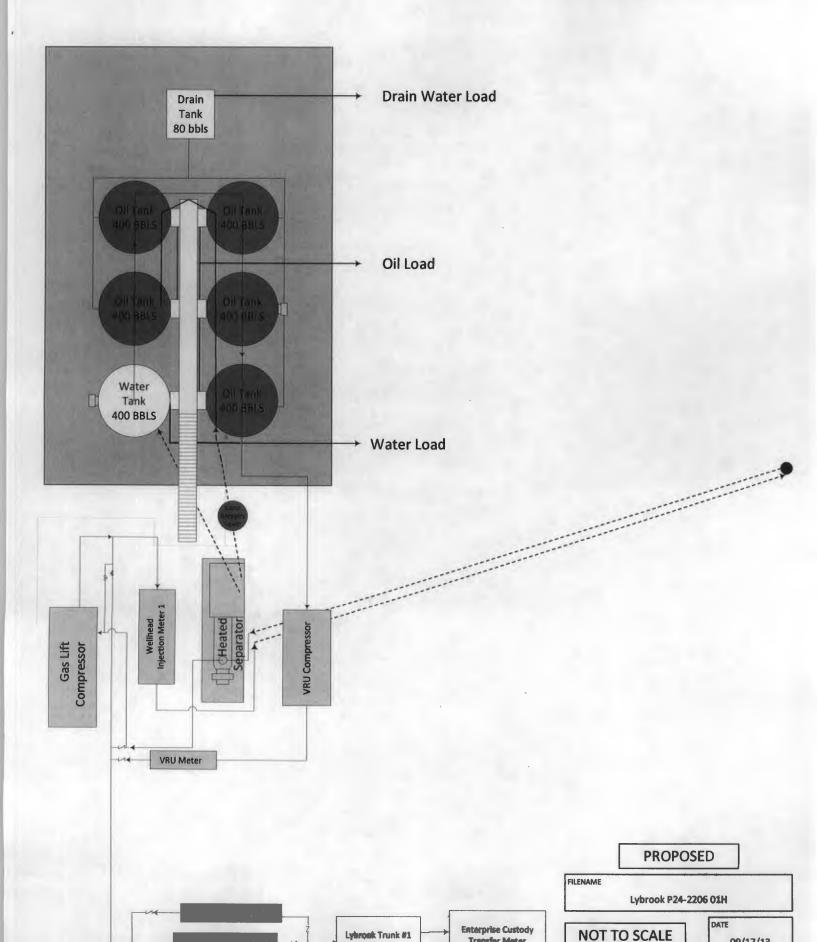
Lybrook H01-2206 01H



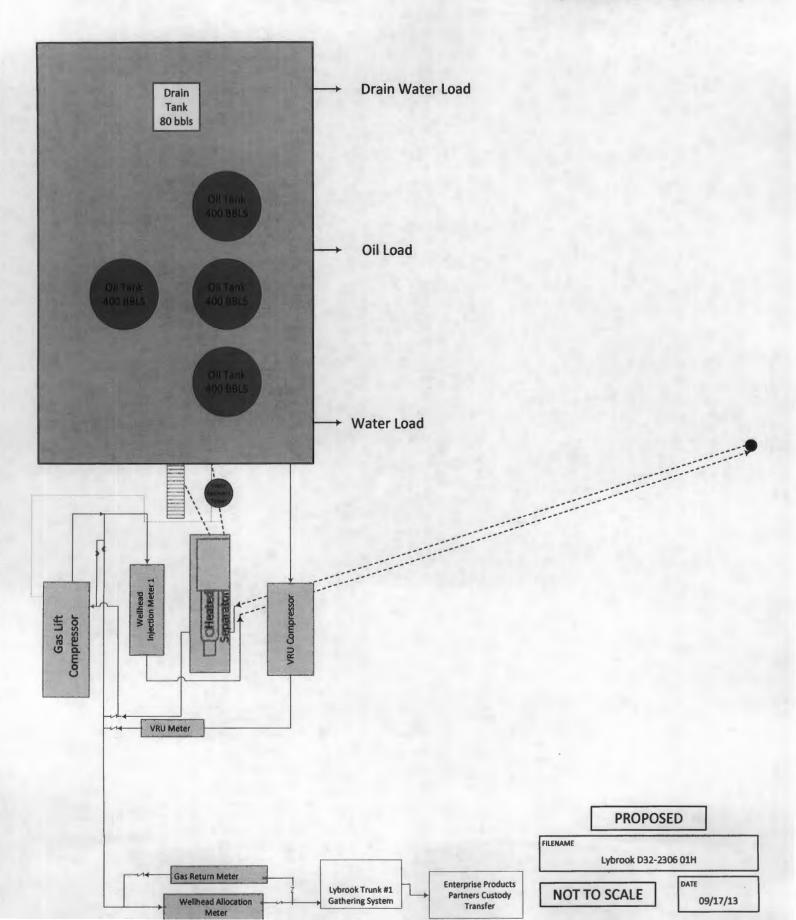
Lybrook A01-2206 01H



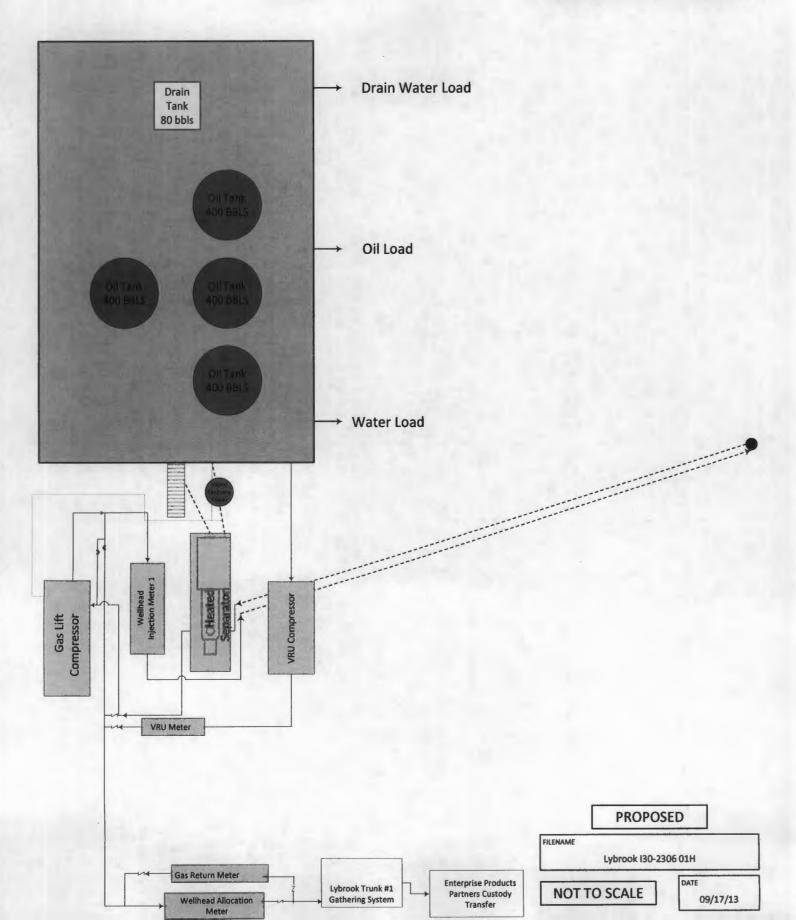
Lybrook P24-2206 01H

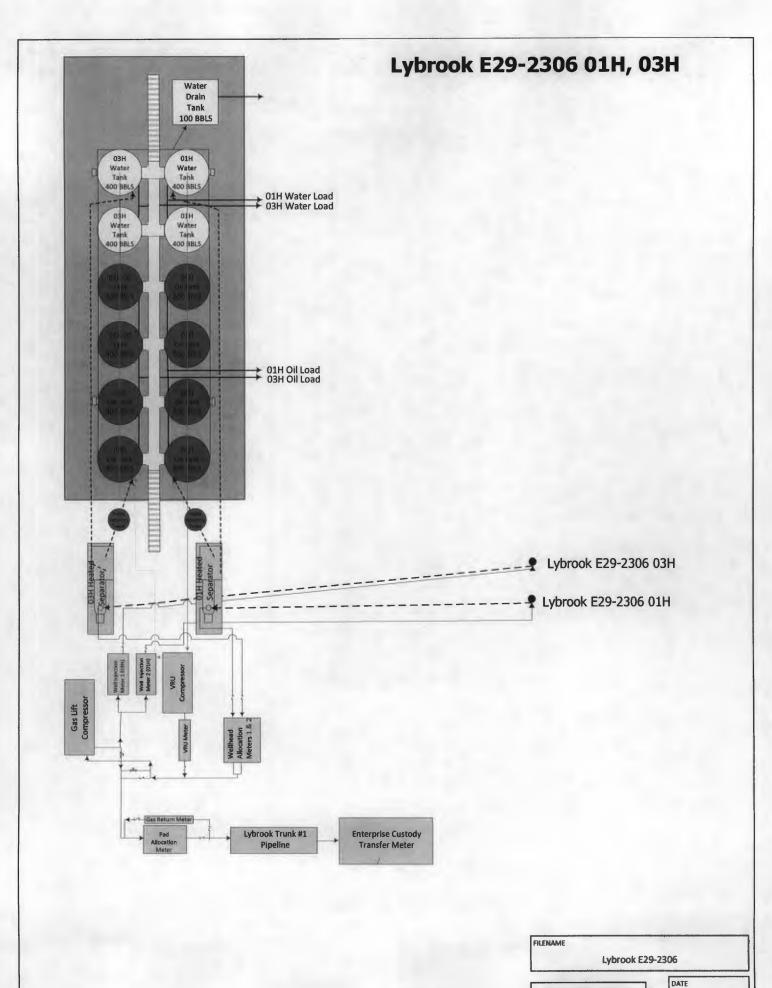


Lybrook D32-2306 01H (fka Lybrook L29-2306 01H)



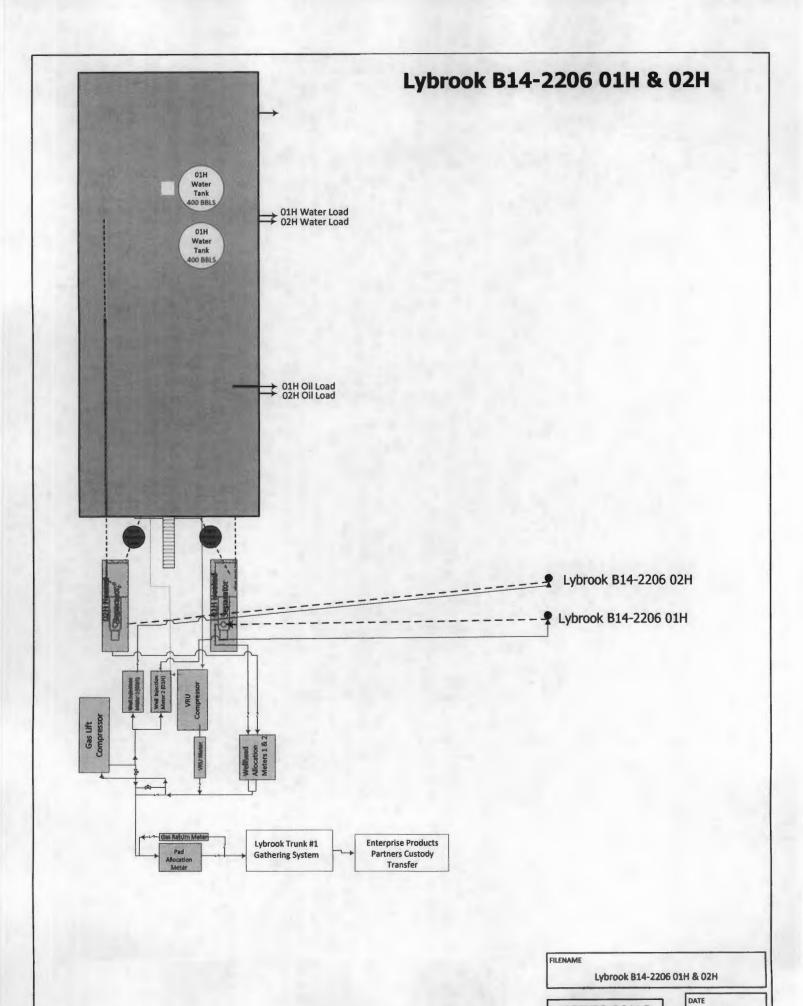
Lybrook I30-2306 01H (fka Lybrook M29-2306 01H)





NOT TO SCALE

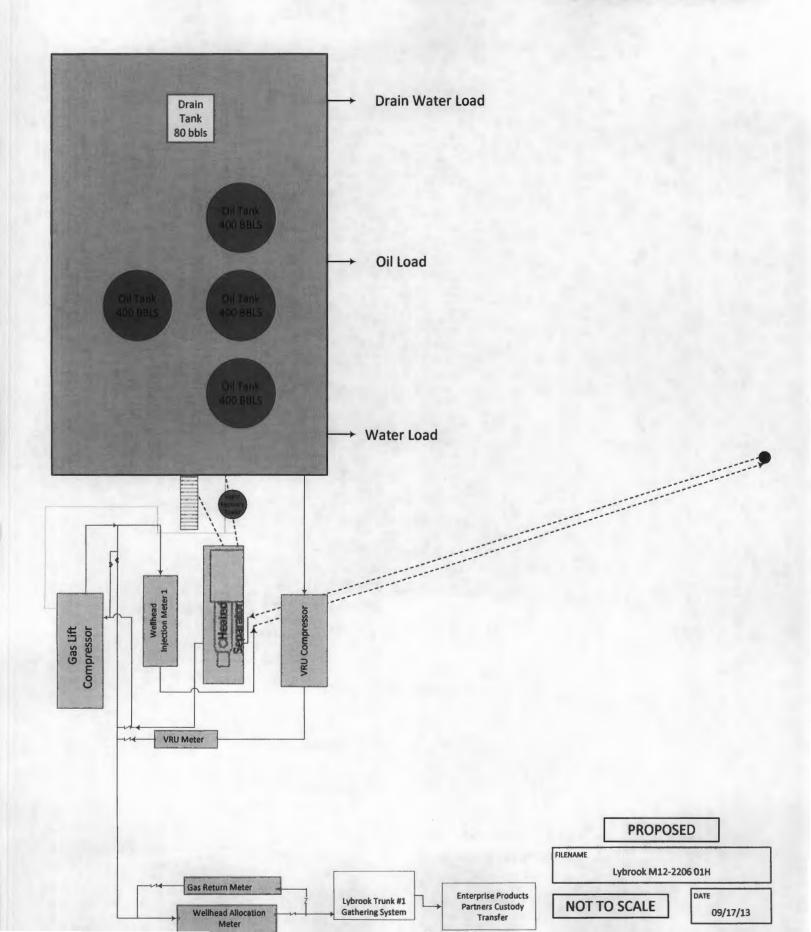
09/17/2013



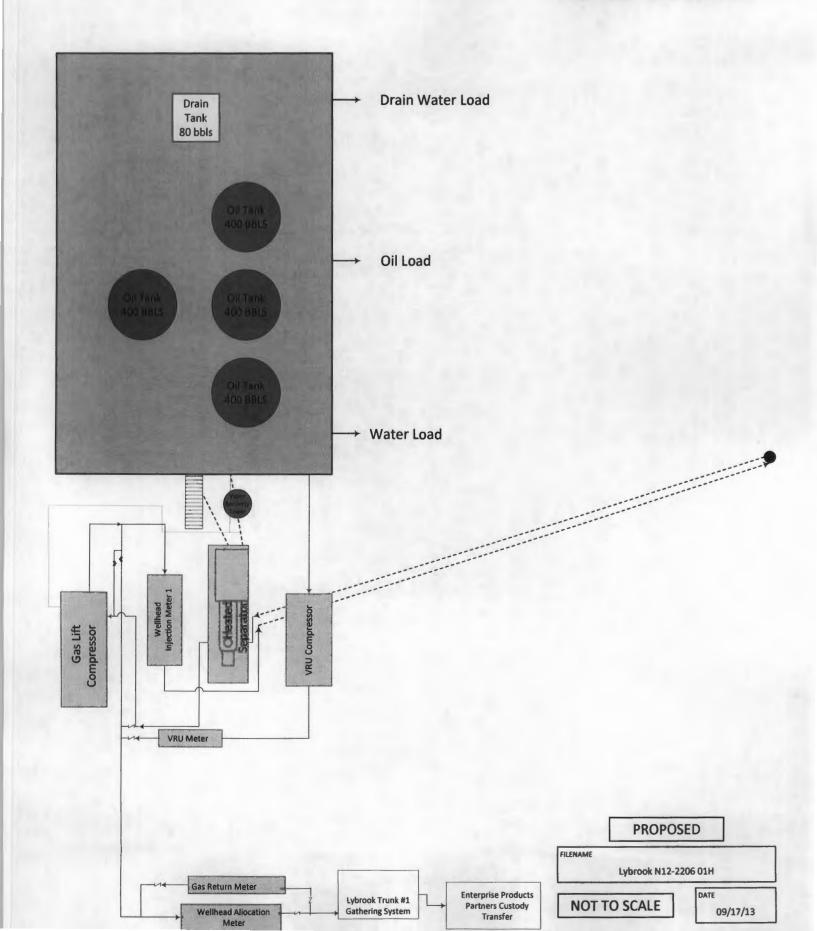
NOT TO SCALE

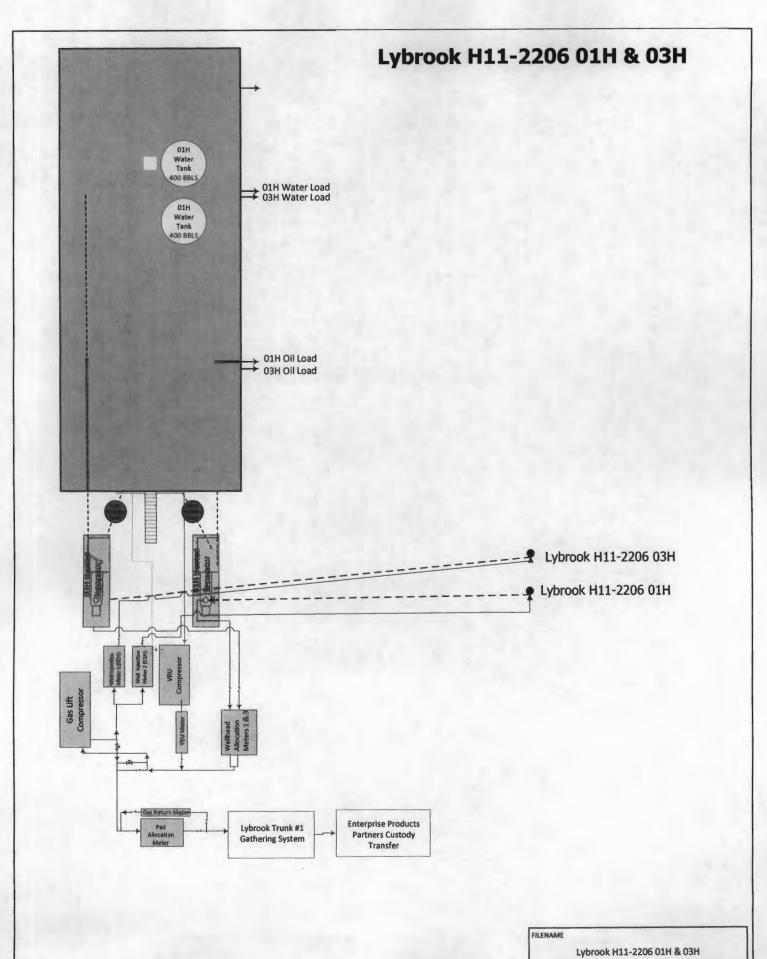
09/17/13

Lybrook M12-2206 01H



Lybrook N12-2206 01H





NOT TO SCALE

DATE

09/17/13

