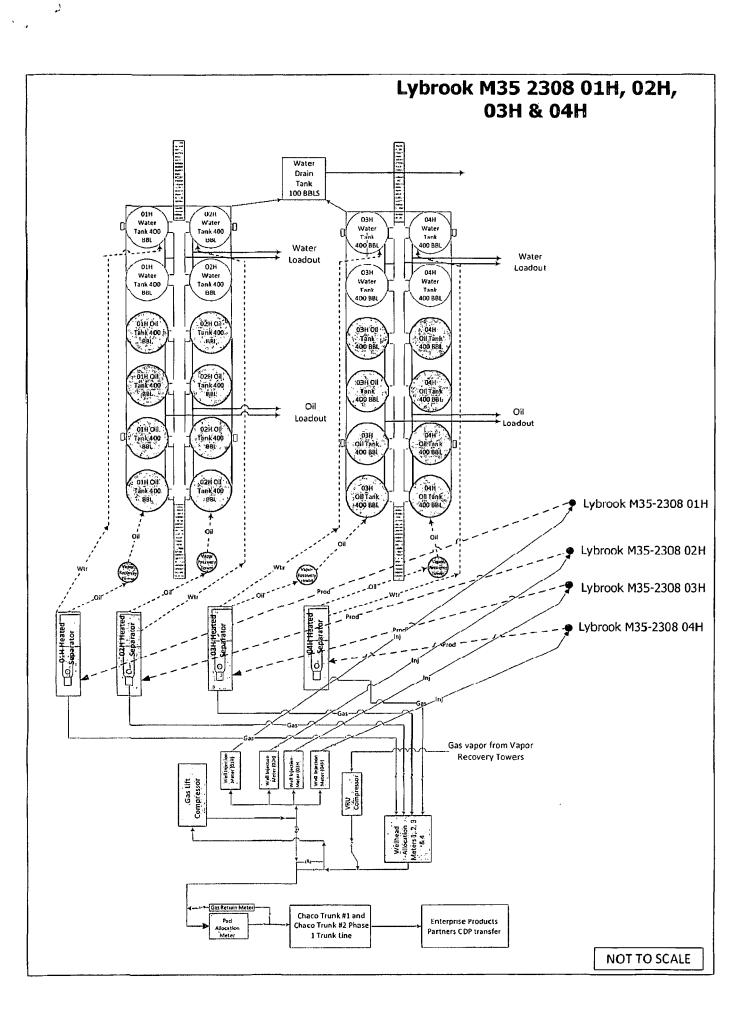
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Form 3160-5						FORM APPROVED OMB No. 1004-0137	
(March 2012) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT					5. Lease Serial No.	Expires: October 31, 2014	
					NMNM-048989A		
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 316g-3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name N/A		
SUBMIT IN TRIPLICATE – Other instructions on page 2.					7. If Unit of CA/Agro	cement, Name and/or No.	
1. Type of Well				N/A			
Oil Well Gas Well Other					8. Well Name and No. Lybrook M35-2308 01H		
2. Name of Operator Encana Oil & Gas (USA) Inc.					9. API Well No. 30-045-35526		
3u. Address 3b. Phone No. (include area cod 370 17th Street, Suite 1700 Denver, CO 80202 720-876-5867				de)	10. Field and Pool or Exploratory Area Alamito-Gallup Pool		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 316 FSL and 1298' FWL Sec 35, T23N, R8W BHL: 330' FSL and 920' FWL Sec 2, T22N, R8W				11. County or Parish, State San Juan County, NM			
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA							
TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION						
Notice of Intent	Alter Casing Frac		ure Treat 🗌 Reels		uction (Start/Resume) Water Shut-Off		
					amation implete	Well Integrity Coher Pre-Installation of	
Subsequent Report	Change Plans	_			porarily Abandon	Gas Lift	
Final Abandonment Notice	Convert to Injection	Ping I	Back Uster Disposal				
Attach the Bond under which the following completion of the involu-	work will be performed or pro ved operations. If the operatic Abandonment Notices must b or final inspection.)	wide the Bond N on results in a m be filed only afte	lo. on file with B ultiple completio r all requirement	BLM/BIA. R on or recomp is, including	Required subsequent re letion in a new interva reclamation, have bee	of all pertinent markers and zones, ports must be filed within 30 days al, a Form 3160-4 must be filed once in completed and the operator has schematic of the pad with gas lift	
						INS. DIV DIST. 3	
					OIL CONS. DIE 24		
					ເ	DCT 29 2014	
See Attached For Benditions of Applicate							
14. I hereby certify that the foregoing is	true and correct. Name (Primed	d/Typed)					
Cristi Bauer			Title Operations Technician				
Signature Right	Date 10/15/14						
	THIS SPACE	FOR FEDE	RAL OR ST	ATE OF	FICE USE		
Approved by Conditions of approval, if any, are attacht that the applicant holds legal of equitable entitle the applicant to conduct operations	title to those rights in the subject	s not warrant or c ct lease which wo	Title ertify uld Office	Petr.	£19	Date 10/21/14	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.							
(Instructions on page 2)							

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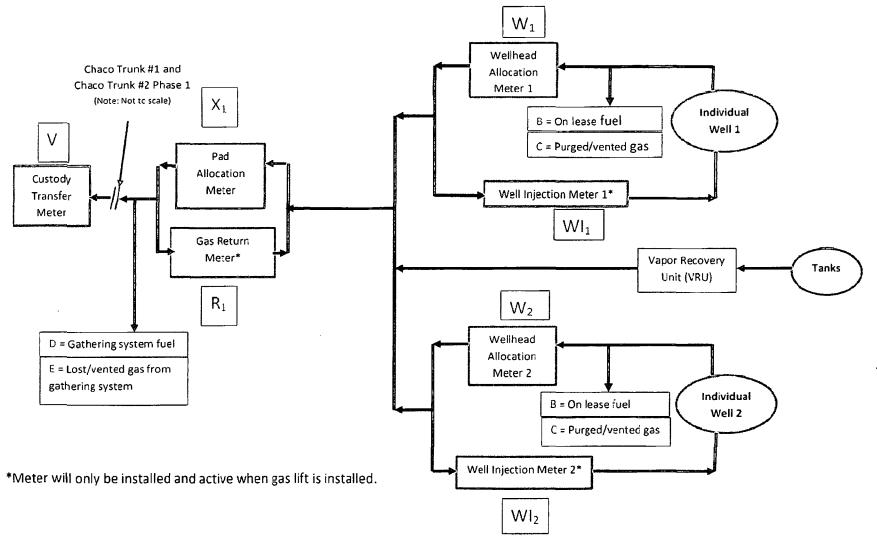
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Attachment No. 5 Encana Oil & Gas (USA) Inc. Chaco Trunk #1 and Chaco Trunk #2 Phase 1 Gathering System San Juan and Sandoval Counties, New Mexico

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Gas Measurement Allocation Procedure for Multi-Well Pads



Attachment No. 5 Encana Oil & Gas (USA) Inc. Chaco Trunk #1 and Chaco Trunk #2 Phase 1 Gathering System San Juan and Sandoval Counties, New Mexico

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_c = 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.

Allocate the off lease Custody Transfer volume back to the well pad

 $A_{AL} = Well pad allocated volume (MCF) = [(X_1-R_1)/((X_1-R_1)+(X_2-R_2)+(X_n-R_n))]^*(V) + D + E$

Distribute (allocate) the allocated well pad production, (AAL) back to each well on the pad

Gas production (MCF) allocated back to the individual wells on a Well Pad is calculated using the formula: AL Net_n = $[(W_1-WI_1)/((W_1-WI_1)+(W_2-WI_2)+(W_n-WI_n))]^* A_{AL}$

Determine the final allocated production for each well on the pad

Final allocated individual well production (MCF) = AL Net_n + B_n + C_n

 B_n = On lease fuel usage attributed to an individual well, 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.

Attachment No. 5 Encana Oil & Gas (USA) Inc. Chaco Trunk #1 and Chaco Trunk #2 Phase 1 Gathering System San Juan and Sandoval Counties, New Mexico

C_n = Lost and/or vented gas attributed to an individual well 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 $[(W_1-WI_1)/((W_1-WI_1)+(W_2-WI_2)+(W_n-WI_n))]$.

<u>Individual Well BTU's</u> = $[[{(W_n-WI_n)*Z_n}]/{SUM}((W_n-WI_n)*Z_n)]*(V*Y)*1000]$ Individual well gas heating values to be determined in accordance with BLM regulations.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Farmington Field Office 6252 College Blvd., Suite A Farmington, New Mexico 87402

IN REPLY REFER TO:

CONDITIONS OF APPROVAL FOR GAS LIFT & BUY BACK METER INSTALLATIONS:

• The buy-back meter isolation valve, either up or down stream of the buyback meter must be effectively sealed in the closed position to prevent produced gas from potentially by-passing the measurement and sales meter. In lieu of the seal requirement at least two check valves can be installed either up and down stream of the buyback meter or in line with the buy-back meter to prevent produced gas from potentially by-passing the measurement and sales meter.

Contact this office so a BLM witness verify installation of either the seal or check valves.

- If seals are installed, seal records must be maintained and made available upon request.
 - Post a Facility Card or Sign that Clearly identifies <u>both</u> the sales and by-back meters.
 - Gas Meters must be installed and calibrated in accordance with Onshore Order 5.