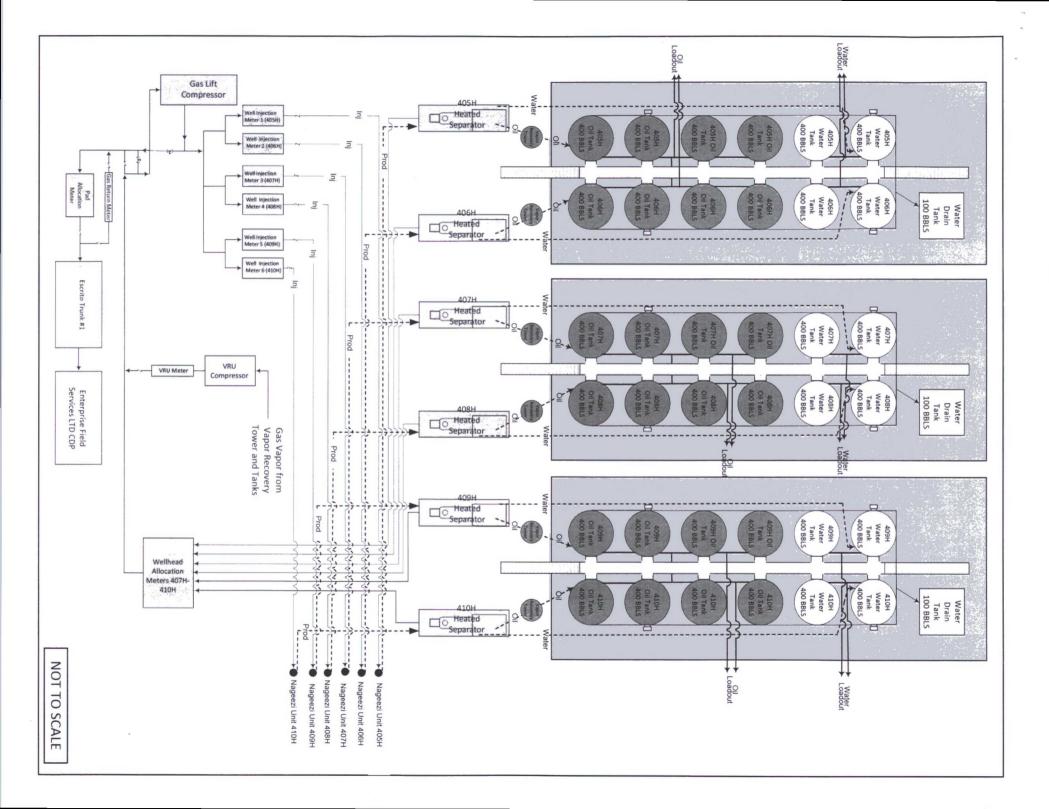
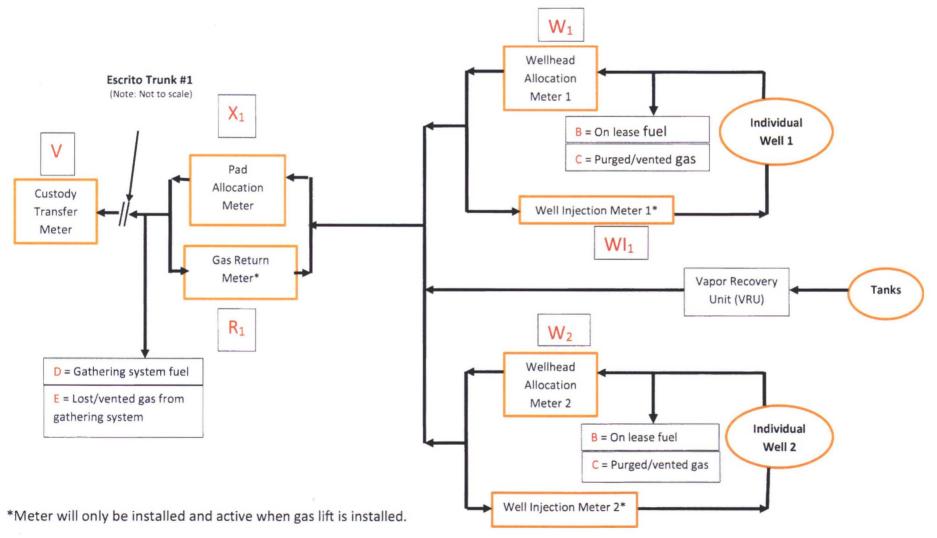
Form 3160-5 UNITED STATES (March 2012) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT					FORM APPROVED OMB No. 1004-0137		
					Expires: October 31, 2014		
					5. Lease Serial No. NMNM 8005		
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee on N/A	or Tribe	: Name
SUBMIT IN TRIPLICATE – Other instructions on page 2.					7. If Unit of CA/Agree	ement,	Name and/or No.
1. Type of Well					NMNM 132981A		
✓ Oil Well Gas Well Other					8. Well Name and No. Nageezi Unit 405H		
2. Name of Operator Encana Oil & Gas (USA) Inc.					9. API Well No. 30-045-35841		
3a. Address 3b. Phone N 370 17th Street, Suite 1700 Denver, CO 80202 720-876-53			(include area code) 10. Field and Pool or Exploratory Area Nageezi Unit; Mancos (OIL)				
 Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SHL: 1985' FSL and 1738' FWL Section 3, T23N, R9W BHL: 2050' FSL and 850' FWL Section 33, T24N, R9W 			11. County or Parish, State San Juan County, NM				
12. CHEC	CK THE APPROPRIATE BO	X(ES) TO IND	ICATE NATUI	RE OF NOTIO	CE, REPORT OR OTH	ER DA	TA
TYPE OF SUBMISSION TYPE OF ACT					ION		
Notice of Intent	Acidize			Deepen Produ			Water Shut-Off
Y Notice of Intent	Alter Casing	=	ire Treat		amation		Well Integrity
Subsequent Report	Casing Repair		Construction		omplete porarily Abandon	\checkmark	Other Installation of Gas Lift
Final Abandonment Notice	Convert to Injection		and Abandon Back		er Disposal		
determined that the site is ready for final inspection.) Encana Oil & Gas (USA) Inc. is requesting authorization to install gas lift at the Nageezi Unit 405H well. At well pad with gas lift as well as the gas allocation procedure. BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATION ON FEDERAL AND INDIAN LANDS						posed	leted and the operator has well site schematic of the L CONS. DIV DIST. 3 JUN 1 9,2017
14. I hereby certify that the foregoing is t	rue and correct. Name (Printed	d/Typed)					
Katie Wegner			Title Senior Regualtory Analyst				
Signature Kato M			Date 05/31/2017				
	THIS SPACE	FOR FEDE	RAL OR S	TATE OF	FICE USE		
Approved by Abaclgadia Conditions of approval, if any, are attache that the applicant holds legal or equitable t entitle the applicant to conduct operations Title 18 U.S.C. Section 1001 and Title 43	itle to those rights in the subject thereon. U.S.C. Section 1212, make it a	t lease which wo	uld Office		FO	Date nt or age	C/14/17
fictitious or fraudulent statements or repre- (Instructions on page 2)	esentations as to any matter wit	hin its jurisdiction	1.				5
(monucions on page 2)							

NMOCD A



Attachment No. 5 Encana Oil & Gas (USA) Inc. Escrito Trunk #1 Gathering System San Juan County, New Mexico

Gas Measurement Allocation Procedure for Multi-Well Pads



Attachment No. 5 Encana Oil & Gas (USA) Inc. Escrito Trunk #1 Gathering System San Juan County, New Mexico

WI_2

Base Data:

V = Gas Volume (MCF) from Custody Transfer Meter during allocation period (Enterprise Field Services, LLC)

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 Field Services, LLC)

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. Escrito Trunk #1 Gathering System San Juan County, 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.