UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter and

5. Lease Serial No.
NMNM112273
6. If hadden Aboutee or Tribe Name

abandoned we	II. Use form 3160-3 (APD) fo	or such proposals.	6. If hather Hottee 7. If Unit or CA/Agree	or Tribe Name
SUBMIT IN TRI	7. If Unit or CA/Agre	eement, Name and/or No.		
1. Type of Well	8. Well Name and No MOSSY FEDER			
Oil Well ☐ Gas Well ☐ Oth 2. Name of Operator	9. API Well No.	AL (1)		
Name of Operator Contact: AMANDA AVERY COG OPERATING LLC E-Mail: aavery@concho.com			30-015-42735	
3a. Address 2208 W MAIN STREET ARTESIA, NM 88210		Phone No. (include area code) n: 575-748-6940	10. Field and Pool, or PARKWAY-BC	r Exploratory NE SPRING
4. Location of Well (Footage, Sec., T		11. County or Parish	11. County or Parish, and State	
Sec 12 T20S R29E NENE 990	OFNL 550FEL		EDDY COUNT	Y, NM
12. CHECK APPI	ROPRIATE BOX(ES) TO IN	DICATE NATURE OF 1	NOTICE, REPORT, OR OTHE	ER DATA
TYPE OF SUBMISSION	TYPE OF ACTION			
Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	■ Well Integrity
☐ Subsequent Report	☐ Casing Repair	■ New Construction	☐ Recomplete	Other Venting and/or Flari
☐ Final Abandonment Notice	Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	ng
	Convert to Injection	☐ Plug Back	☐ Water Disposal	
testing has been completed. Final Al determined that the site is ready for f COG Operating LLC requests #1H Battery. This request is a necessary to capture the gas Operating LLC understands the complete of the Authorized of the Authorized of the Authorized of the Cog Operating LLC will consume the complete of the Cog Operating LLC will consume the complete of the Cog Operating LLC will consume the complete of the Cog Operating LLC will consume the Cog Operating LLC w	pandonment Notices shall be filed or inal inspection.) permission to install a Vapor due to the fact that the cost of exceeds the value of the gas nat the following conditions apperent of the passion of the passion of the passion of the passion of the provide econor of the passion of the p	nly after all requirements, included the combustor Unit (VCU) at installing and operating experience over the life of the facility oply: and providents. It is considered ? It will not be required to be appors which are released	re volume SUBJE(APPROVA (in this case of royalties and ARTESIA	A DISTRICT
14. I hereby certify that the foregoing is Name (Printed/Typed) AMANDA	Electronic Submission #3484 For COG OPER Committed to AFMSS for prod	RATING LLC, sent to the C	arisbad	served glanlb
Signature (Electronic S	(v.h.m.ission)			
Signature (Electronic S		Date 08/19/2 FEDERAL OR STATE		n I
•	<u> </u>		+ ALLINA	<u> </u>
Approved By	chlis Krueng	Title PE	TROLEUM ENGINEER	Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to condu	nitable title to those rights in the subject operations thereon.	ect lease Office	SEP - 9 201	
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a crimitatements or representations as to an	e for any person knowingly and ny matter within its jurisdiction.	WI Ifully BURGALLOFT AND MANA	Experient of the United

Additional data for EC transaction #348425 that would not fit on the form

32. Additional remarks, continued

volumes need to be reported on OGOR ?B? reports as disposition code ?08?. 5. Per 43 CFR 3162.7-5(d)/Onshore Order No.3.III.I.1, site facility diagram must be submitted within 60 days of equipment installation.

6. This approval does not authorize any additional surface disturbance.

Subject to like approval from NMOCD.

The Mossy Fed tank vapor measurement method was performed in the following manner:

Measurement Instrument: Fox Instruments Thermal Mass Meter

? This meter technology was chosen due to its volume turndown capabilities
? The meter was calibrated for 3? diameter pipe.

? A standard gas analysis, comparable to the gas expected from the Mossy Fed production stream, was also inputted into the thermal mass meter transmitter for gas density calculations.

? The calibration of the meter allows for a span of 0-300 Mcfd. ? Test results 7.92 MSCF on 8/16/16

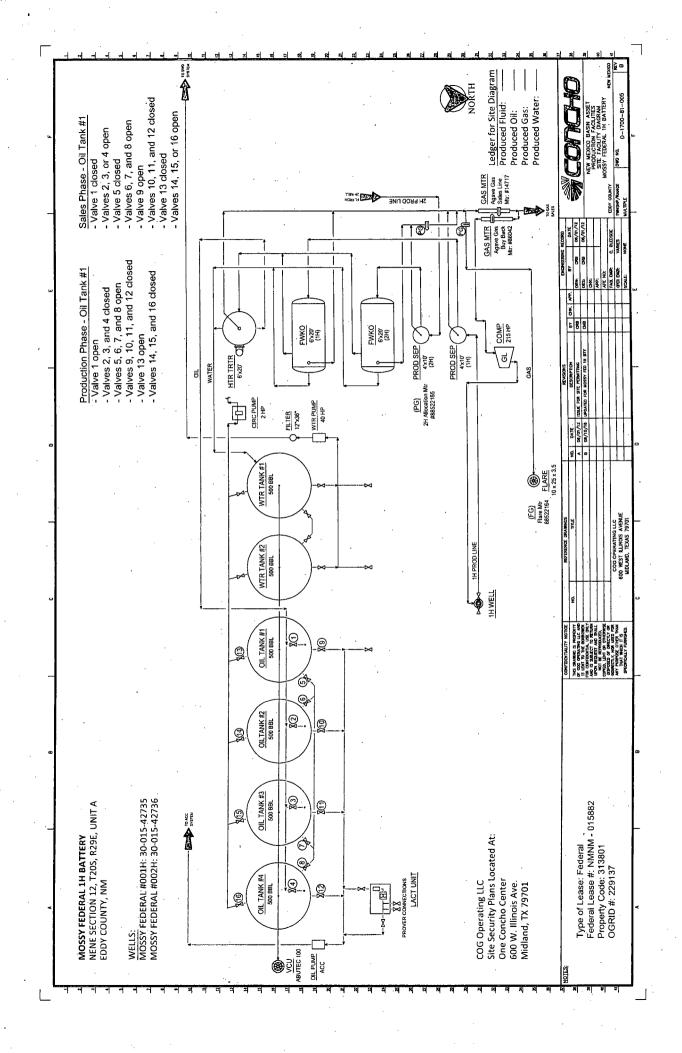
The thermal mass meter was installed on the outlet of the production tanks. The valve to the combustor was placed in the closed position and all tank vapors were directed to the thermal mass meter. Our technician verified there were no leaks on the tank vent valves or thief hatches during testing. The tank vapors were measured for 4 hours during the hottest part of the day. Our cumulative 4-hour volume was then averaged over a 24 hour period to arrive at our 24-hr daily production. Due to the measurement period occurring during the heat of the day, we feel our measured volumes are higher than the actual production.

Attached are the following:

Site Security Diagram of the current tank battery, as well as the location of the VCU and the manifold line connecting the tanks to the VCU.

Contact name and number to retrieve information on volumes being combusted.

Specification sheet(s) for the VCU.

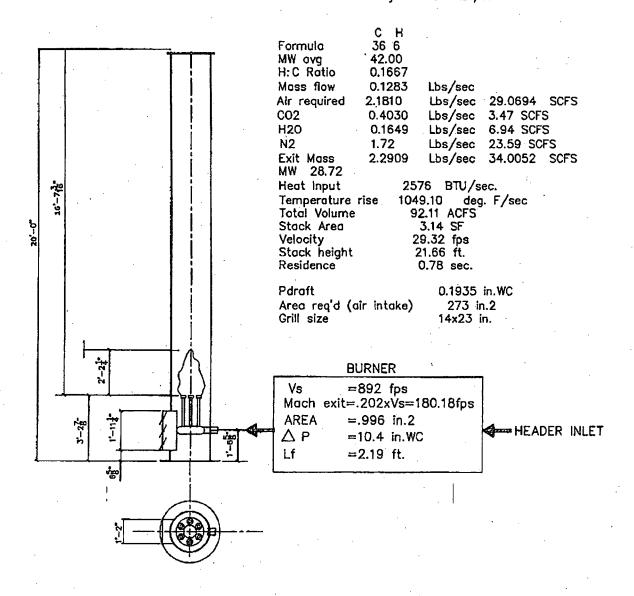




2606 W CR 130, Midfand TX 79705 432-687-7060

THERMAL OXIDATION CALCULATIONS

Flow Rate 1.157 SCFS
Temperature (vapor)585 deg. R
Pav 10in.W.C.
Temperature (air) 545 deg. R
Hgt:D Ratio 8.5
Diameter 24 in.
Ambient air density 0.0716 lb./cf



\triangle	REVISED PER FINAL DATA	8/14/14
REV.	DESCRIPTION	DATE

Edge CXV 24" Combustor Data Sheet

Mossy Federal #1H Battery

Contact

Winston Ballard - 575-513-9366

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

CONDITIONS OF APPROVAL TO INSTALL VAPOR COMBUSTOR UNIT (VCU)

- These conditions of approval are for installation of a VCU on low-pressure oil storage tank
 facilities. This approval is due to the fact that the cost of installing and operating equipment
 necessary to capture the gas exceeds the value of the gas over the life of the facility. The
 operator may be required to provide economic justification to the Authorized Officer upon
 request. The operator may be required to provide volume verification to the Authorized
 Officer upon request.
- 2. Comply with NTL-4A requirements.
- 3. If volume being combusted is less than 50 MCF of gas per day, it is considered "unavoidably lost", therefore, no royalty obligation shall be accrued and will not be required to be reported.
 - a. "Unavoidably Lost" production shall mean (1) those gas vapors which are released (in this case combusted) from low-pressure storage tanks.
- 4. Essentially all measured combusted volumes over 50 MCF will require payment of royalties and volumes need to be reported on OGOR "B" reports as disposition code "08".
- 5. Per 43 CFR 3162.7-5(d)/Onshore Order No.3.III.I.1, site facility diagram must be submitted within 60 days of equipment installation.
- 6. This approval does not authorize any additional surface disturbance.
- 7. Subject to like approval from NMOCD.