

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
QCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. Multiple--See Attached
2. Name of Operator XTO ENERGY INCORPORATED		6. If Indian, Allottee or Tribe Name
Contact: PATTY R URIAS E-Mail: patty_urias@xtoenergy.com		7. If Unit or CA/Agreement, Name and/or No. NMNM84642X
3a. Address 500 WILLINOIS STREET SUITE 100 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-4318 Fx: 432-618-3530	8. Well Name and No. Multiple--See Attached
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		9. API Well No. Multiple--See Attached
		10. Field and Pool, or Exploratory ARROWHEAD
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Venting and/or Flaring
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ARROWHEAD GRAYBURG UNIT SAT #4

ASSOCIATED WELLS:

ARROWHEAD GRAYBURG UNIT 184 GRAYBURG
ARROWHEAD GRAYBURG UNIT 186 GRAYBURG
ARROWHEAD GRAYBURG UNIT 188 GRAYBURG
ARROWHEAD GRAYBURG UNIT 195 GRAYBURG
ARROWHEAD GRAYBURG UNIT 197 GRAYBURG
ARROWHEAD GRAYBURG UNIT 200 GRAYBURG
ARROWHEAD GRAYBURG UNIT 202 GRAYBURG
ARROWHEAD GRAYBURG UNIT 204 GRAYBURG
ARROWHEAD GRAYBURG UNIT 209 GRAYBURG

Revised

14. I hereby certify that the foregoing is true and correct. Electronic Submission #319552 verified by the BLM Well Information System For XTO ENERGY INCORPORATED, sent to the Hobbs Committed to AFMSS for processing by LINDA JIMENEZ on 10/23/2015 (16LJ0134SE)	
Name (Printed/Typed) PATTY R URIAS	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/13/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>CHRISTOPHER WALLS</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>08/22/2016</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

MSS/OCD 8/31/2016

Additional data for EC transaction #319552 that would not fit on the form

5. Lease Serial No., continued

FEE
NMNM62665
STATE

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM84642X	STATE	AGU 213	<u>30-025-31582-00-S1</u>	Sec 7 T22S R36E NENE
NMNM84642X	FEE	AGU 184	30-025-10094-00-S1	Sec 7 T22S R37E NWNW 660FNL 660FWL
NMNM84642X	STATE	AGU 186	30-025-31722-00-S1	Sec 12 T22S R36E NWNW 760FNL 1820FEL
NMNM84642X	STATE	AGU 188	30-025-31723-00-S1	Sec 12 T22S R36E NWNW 730FNL 520FWL
NMNM84642X	FEE	AGU 195	30-025-08882-00-S1	Sec 12 T22S R36E SENW 2310FNL 1650FWL
NMNM84642X	STATE	AGU 197	30-025-31631-00-S1	Sec 12 T22S R36E SENE 2210FNL 990FEL
NMNM84642X	FEE	AGU 200	30-025-31752-00-S1	Sec 7 T22S R37E NWSE 1780FSL 1880FEL
NMNM84642X	STATE	AGU 202	30-025-31561-00-S1	Sec 7 T22S R37E NWSW 1950FSL 350FWL
NMNM84642X	STATE	AGU 204	30-025-26478-00-S1	Sec 12 T22S R36E NWSE 2133FSL 1644FEL
NMNM84642X	STATE	AGU 209	30-025-26534-00-S1	Sec 12 T22S R36E SESW 660FSL 2310FWL
NMNM84642X	STATE	AGU 211	30-025-31534-00-S1	Sec 12 T22S R36E SESE 330FSL 420FEL
NMNM84642X	FEE	AGU 215	30-025-31751-00-S1	Sec 7 T22S R37E SESE 660FSL 660FEL
NMNM84642X	NMNM62665	AGU 344	30-025-34665-00-S1	Sec 1 T22S R36E SWNW 1334FNL 1300FWL
NMNM84642X	FEE	AGU 369	30-025-34298-00-S1	Sec 12 T22S R36E NWNW 170FNL 1220FWL
NMNM84642X	STATE	AGU 390	30-025-34299-00-S1	Sec 12 T22S R36E SESE 1130FSL 1070FEL
NMNM84642X	FEE	AGU 391	30-025-37284-00-S1	Sec 7 T22S R36E SWSW 1180FSL 120FWL
NMNM84642X	FEE	AGU 398	30-025-37285-00-S1	Sec 12 T22S R36E SESE 205FSL 990FEL

32. Additional remarks, continued

ARROWHEAD GRAYBURG UNIT 211 GRAYBURG
ARROWHEAD GRAYBURG UNIT 213 GRAYBURG
ARROWHEAD GRAYBURG UNIT 215 GRAYBURG
ARROWHEAD GRAYBURG UNIT 344 GRAYBURG Federal
ARROWHEAD GRAYBURG UNIT 369 GRAYBURG
ARROWHEAD GRAYBURG UNIT 390 GRAYBURG
ARROWHEAD GRAYBURG UNIT 391 GRAYBURG
ARROWHEAD GRAYBURG UNIT 398 GRAYBURG

DCP plant repairs - started flaring 9/11/15 at 212 mcf/d

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

Pursuant to **NTL-4A III**, Lessees or operators are hereby authorized to vent or flare gas on a short-term basis without incurring a royalty obligation in the following circumstances:

- A. Emergencies. During temporary emergency situations, such as compressor or other equipment failures, relief of abnormal system pressures, or other conditions which result in the unavoidable short-term venting or flaring of gas. However, this authorization to vent or flare gas in such circumstances without incurring a royalty obligation is limited to 24 hours per incident and to 144 hours cumulative for the lease during any calendar month, except with the prior authorization, approval, ratification, or acceptance of the Supervisor.
- B. Well Purging and Evaluation Tests. During the unloading or cleaning up of a well during drillstem, producing, routine purging, or evaluation tests, not exceeding a period of 24 hours.
- C. Initial Production Tests. During initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMcf of gas, whichever occurs first, unless a longer test period has been authorized by the appropriate State regulatory agency and ratified or accepted by the Supervisor.
- D. Routine or Special Well Tests. During routine or special well tests, other than those cited in NTL-4A III.B and C above, only after approval by the Supervisor.

If a flaring event conforms with the requirements listed above as per NTL-4A III., the flared volumes are not royalty bearing and the operator does not need to submit a Sundry Notice. Report flared volumes as unavoidably lost on OGOR B.

Condition of Approval to Flare Gas

1. The first 24 hours of a temporary emergency flare* is considered "unavoidably lost" and is therefore royalty free. Flared volumes that are considered unavoidably lost are not to be included in Sundry Notice (Form 3160-5). NTL-4A specifies no more than 24 hours per incident and no more 144 hours cumulative for the lease during any calendar month. These Volumes are not royalty bearing and shall be reported on OGOR "B" as disposition code "23".
2. Flared volumes considered to be "avoidably lost":
 - Exceeding the first 24 hours for each temporary emergency flare event (144 hours cumulative for the lease per month), well purging and evaluation test.
 - During initial well evaluation tests, exceeding a period of 30 days or the production of 50 MMcf of gas, whichever occurs first
 - Scheduled flaring operations

These flare events will require prior approval via Notice of Intent- Sundry Notice (Form 3160-5). Volumes flared beyond limits defined in NTL-4A are considered "avoidably lost" and will require payment of royalties, unless an exception is granted in accordance with NTL-4A.IV.B.. Volumes for avoidably lost gas shall be reported on OGOR "B" reports as disposition code "08". If the operator believes that the flared volumes were "unavoidably lost" and the BLM determines them to be "avoidably lost", the operator can submit a more detailed request via Sundry Notice (Form 3160-5) for an exception in accordance with NTL-4A.IV.B.. As an alternative to producing oil and flaring gas the operator may choose to shut the well in and avoid paying royalties on otherwise avoidably lost gas.

3. Approval not to exceed 90 days, if flaring is still required past 90 days submit new request for approval.
4. Submit Subsequent Report with actual volumes of gas flared for each month gas is flared on a Sundry Notice (Form 3160-5). Include method for volume determination and duration. Report unavoidably lost (first 24 hrs of unexpected event) and avoidably lost (exceeding the first 24 hrs or flared gas that has been approved as avoidably lost by the Authorized Officer) volumes and durations on the Subsequent Report.

5. In determining the volumes of gas to be reported in accordance with NTL-4A the BLM CFO requires Vent/flare gas metering to meet all requirements for a sales meter as per Federal Regulations, Onshore Order #5 and NTL 2008-01. Include meter serial number on Sundry Notice (Form 3160-5).
 - If installation of an approved gas meter is not economically feasible for continued operations. Submit Notice of Intent - Sundry Notice (Form 3160-5) to request an alternate method of determining gas volumes with a valid justification. Alternate methods are listed in NTL-4A. The Authorized Officer may require the installation of additional measurement equipment whenever it is determined that the present methods are inadequate to meet the purposes of this Notice.
6. An updated facility diagram is required within 60 days of modifications to existing facilities per Onshore Order #3.
7. This approval does not authorize any additional surface disturbance.
8. Subject to like approval from NMOCD

Regulations and Definitions

Definition: As per NTL-4A II. A. "Avoidably lost" production shall mean the venting or flaring of produced gas without the prior authorization, approval, ratification, or acceptance of the Supervisor and the loss of produced oil or gas when the Supervisor determines that such loss occurred as a result of (1) negligence on the part of the lessee or operator, or (2) the failure of the lessee or operator to take all reasonable measures to prevent and/or to control the loss, or (3) the failure of the lessee or operator to comply fully with the applicable lease terms and regulations, appropriate provisions of the approved operating plan, or the prior written orders of the Supervisor, or (4) and combination of the foregoing.

NTL-4A.IV.B. Oil Well Gas. Except as provided in II.C and III above, oil well gas may not be vented or flared unless approved in writing by the Supervisor. The Supervisor may approve an application for the venting or flaring of oil well gas if justified either by the submittal of **(1)** an evaluation report supported by engineering, geologic, and economic data which demonstrates to the satisfaction of the Supervisor that the expenditures necessary to market or beneficially use such gas are not economically justified and that conservation of the gas, if required, would lead to the premature abandonment of recoverable oil reserves and ultimately to a greater loss of equivalent energy than would be recovered if the venting or flaring were permitted to continue or **(2)** an action plan that will eliminate venting or flaring of the gas within 1 year from the date of application.

*Temporary Emergency Flaring is defined as an unexpected situation requiring immediate action. A flaring event is considered an emergency if the occurrence is out of the operators control and the operator had less than 24 hrs notification of the event. Scheduled or routine flare events will not be considered an emergency.