

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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 APACHE CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		7. If Unit or CA/Agreement, Name and/or No. NMNM134086
3b. Phone No. (include area code) Ph: 432-818-1801		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 Multiple--See Attached
		11. County or Parish, and State EDDY 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 recompletable 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 recompletable 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.)

Apache would like to request a Flare permit for 10 Mmcf per day for 90 days 09/21/16 thru 12/21/16. all gas will be Measured prior to flaring.

Raven Central Bty - PAD 1,5,8,10,12,16

- 1. Meter #6165023
- 2. Volumes are being reported to the BLM on ONRR thru OGOR report
- 3. Flare location - Sec 7 17S,31E

CEDAR LAKE FEDERAL CA 701 30-015-40465 Vertical - Sec 7 17S,31E

CEDAR LAKE FEDERAL CA 719H 30-015-40916 PAD 1

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 19 2016

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL RECEIVED**

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #351527 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/19/2016 (16DLM0932SE)	
Name (Printed/Typed) EMILY FOLLIS	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 09/16/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>CHARLES NIMMER</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>10/12/2016</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 <u>Carlsbad</u>

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.

Additional data for EC transaction #351527 that would not fit on the form

5. Lease Serial No., continued

NMLC029435A
NMLC029435B

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM134086	NMLC029435A	CEDAR LAKE FEDERAL CA 701	30-015-40465-00-S1	Sec 7 T17S R31E Lot 3 2190FSL 990FWL
NMLC029435A	NMLC029435A	CEDAR LAKE FEDERAL CA 718H	30-015-40915-00-X1	Sec 7 T17S R31E NENE 597FNL 1000FEL
NMLC029435A	NMLC029435A	CEDAR LAKE FEDERAL CA 811H	30-015-40467-00-X1	Sec 8 T17S R31E SWNW 2153FNL 220FWL 32.850246 N Lat, 103.899263 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 628H	30-015-42653-00-S1	Sec 6 T17S R31E SESE 920FSL 155FEL 32.858687 N Lat, 103.900501 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 629H	30-015-42585-00-S1	Sec 6 T17S R31E SESE 985FSL 155FEL 32.858865 N Lat, 103.900501 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 634H	30-015-42654-00-S1	Sec 6 T17S R31E SESE 945FSL 155FEL 32.858755 N Lat, 103.900501 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 635H	30-015-42587-00-S1	Sec 6 T17S R31E SESE 1010FSL 155FEL 32.858934 N Lat, 103.900501 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 640H	30-015-42900-00-S1	Sec 6 T17S R31E NESE 2000FSL 200FEL 32.861654 N Lat, 103.900653 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 641H	30-015-42901-00-S1	Sec 6 T17S R31E NESE 2025FSL 200FEL 32.861723 N Lat, 103.900653 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 642H	30-015-42902-00-S1	Sec 6 T17S R31E NESE 2065FSL 200FEL 32.861833 N Lat, 103.900653 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 643H	30-015-42903-00-S1	Sec 6 T17S R31E NESE 2090FSL 200FEL 32.861902 N Lat, 103.900653 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 652H	30-015-42907-00-S1	Sec 6 T17S R31E Lot 1 485FNL 1025FEL 32.869329 N Lat, 103.903353 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 653H	30-015-42908-00-S1	Sec 6 T17S R31E Lot 1 460FNL 1025FEL 32.869398 N Lat, 103.903353 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 654H	30-015-42909-00-S1	Sec 6 T17S R31E NWNW 420FNL 1025FEL 32.869508 N Lat, 103.903353 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 655H	30-015-42910-00-S1	Sec 6 T17S R31E NENE 395FNL 1025FEL 32.869767 N Lat, 103.903353 W Lon
NMNM134086	NMLC029435A	CEDAR LAKE FEDERAL CA 716H	30-015-40913-00-S1	Sec 7 T17S R31E NENE 727FNL 1000FEL
NMNM134086	NMLC029435A	CEDAR LAKE FEDERAL CA 717H	30-015-40914-00-S1	Sec 7 T17S R31E NENE 662FNL 1000FEL
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 719H	30-015-40916-00-S1	Sec 7 T17S R31E SESE 485FSL 180FEL 32.843100 N Lat, 103.901191 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 720H	30-015-40917-00-S1	Sec 7 T17S R31E SESE 420FSL 180FEL 32.842921 N Lat, 103.901190 W Lon
NMNM134086	NMLC029435A	CEDAR LAKE FEDERAL CA 721H	30-015-40918-00-S1	Sec 7 T17S R31E SESE 330FSL 180FEL 32.842674 N Lat, 103.901189 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 737H	30-015-40901-00-S1	Sec 7 T17S R31E NENE 702FNL 1000FEL
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 738H	30-015-40902-00-S1	Sec 7 T17S R31E NENE 637FNL 1000FEL
NMNM134086	NMLC029435A	CEDAR LAKE FEDERAL CA 810H	30-015-40466-00-S1	Sec 8 T17S R31E SWNW 2218FNL 220FWL 32.850067 N Lat, 103.899264 W Lon
NMNM134086	NMLC029435A	CEDAR LAKE FEDERAL CA 812H	30-015-40468-00-S1	Sec 8 T17S R31E SWNW 2088FNL 220FWL 32.850425 N Lat, 103.899263 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 826H	30-015-40462-00-S1	Sec 8 T17S R31E SWNW 2128FNL 220FWL 32.850315 N Lat, 103.899263 W Lon
NMNM134086	NMLC029435B	CEDAR LAKE FEDERAL CA 827H	30-015-40470-00-S1	Sec 8 T17S R31E SWNW 2063FNL 220FWL 32.850493 N Lat, 103.899262 W Lon
NMLC029435B	NMLC029435B	CEDAR LAKE CA 645H	30-015-42906-00-X1	Sec 6 T17S R31E NESE 2155FSL 200FEL 32.862080 N Lat, 103.900654 W Lon
NMLC029435B	NMLC029435B	CEDAR LAKE FEDERAL CA 630H	30-015-42586-00-X1	Sec 6 T17S R31E SESE 1050FSL 0155FEL 32.859044 N Lat, 103.900502 W Lon
NMLC029435B	NMLC029435B	CEDAR LAKE FEDERAL CA 636H	30-015-42588-00-X1	Sec 6 T17S R31E SESE 1075FSL 0155FEL 32.859113 N Lat, 103.900502 W Lon
NMLC029435B	NMLC029435B	CEDAR LAKE FEDERAL CA 644H	30-015-42904-00-X1	Sec 6 T17S R31E NESE 2130FSL 200FEL 32.862011 N Lat, 103.900654 W Lon
NMLC029435B	NMLC029435B	CEDAR LAKE FEDERAL CA 656H	30-015-42911-00-X1	Sec 6 T17S R31E Lot 1 355FNL 1025FEL 32.869687 N Lat, 103.903354 W Lon
NMLC029435B	NMLC029435B	CEDAR LAKE FEDERAL CA 657H	30-015-42912-00-X1	Sec 6 T17S R31E Lot 1 330FNL 1025FEL 32.869755 N Lat, 103.903354 W Lon
NMLC029435B	NMLC029435B	CEDAR LAKE FEDERAL CA 739H	30-015-40903-00-X1	Sec 7 T17S R31E NENE 572FNL 1000FEL

10. Field and Pool, continued

UNKNOWN

32. Additional remarks, continued

CEDAR LAKE FEDERAL CA 720H 30-015-40917
CEDAR LAKE FEDERAL CA 721H 30-015-40918.

CEDAR LAKE FEDERAL CA 810H 30-015-40466 PAD 5
CEDAR LAKE FEDERAL CA 811H 30-015-40467
CEDAR LAKE FEDERAL CA 812H 30-015-40468
CEDAR LAKE FEDERAL CA 826H 30-015-40462
CEDAR LAKE FEDERAL CA 827H 30-015-40470

CEDAR LAKE FEDERAL CA 716H 30-015-40913 PAD 8
CEDAR LAKE FEDERAL CA 717H 30-015-40914

32. Additional remarks, continued

CEDAR LAKE FEDERAL CA 718H 30-015-40915
CEDAR LAKE FEDERAL CA 737H 30-015-40901
CEDAR LAKE FEDERAL CA 738H 30-015-40902
CEDAR LAKE FEDERAL CA 739H 30-015-40903

CEDAR LAKE FEDERAL CA 628H 30-015-42653 PAD 10
CEDAR LAKE FEDERAL CA 629H 30-015-42585
CEDAR LAKE FEDERAL CA 630H 30-015-42586
CEDAR LAKE FEDERAL CA 634H 30-015-42654
CEDAR LAKE FEDERAL CA 635H 30-015-42587
CEDAR LAKE FEDERAL CA 636H 30-015-42588

CEDAR LAKE FEDERAL CA 640H 30-015-42900 PAD 12
CEDAR LAKE FEDERAL CA 641H 30-015-42901
CEDAR LAKE FEDERAL CA 642H 30-015-42902
CEDAR LAKE FEDERAL CA 643H 30-015-42903
CEDAR LAKE FEDERAL CA 644H 30-015-42904
CEDAR LAKE FEDERAL CA 645H 30-015-42906

CEDAR LAKE FEDERAL CA 652H 30-015-42907 PAD 16
CEDAR LAKE FEDERAL CA 653H 30-015-42908
CEDAR LAKE FEDERAL CA 654H 30-015-42909
CEDAR LAKE FEDERAL CA 655H 30-015-42910
CEDAR LAKE FEDERAL CA 656H 30-015-42911
CEDAR LAKE FEDERAL CA 657H 30-015-42912

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

Apache Corporation
Raven Central Battery 1
NMLC029435A

10/12/2016

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 drill stem, 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, (from 09/21/2016 to 12/21/2016), 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.