Form 3160-5 (June 2015)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

NMOCD Artesia

FORM APPROVED

| OMD NO. 1004-0137        |
|--------------------------|
| Expires: January 31, 201 |
| Lease Serial No.         |
| NMNM81953                |

| SUNI      | DRY NOTI     | CES AND F  | REPORTS        | ON WELLS          |
|-----------|--------------|------------|----------------|-------------------|
| Do not us | se this forn | for propos | als to drill o | or to re-enter an |
|           |              |            |                |                   |

6. If Indian, Allottee or Tribe Name abandoned well. Use form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2 1. Type of Well 8. Well Name and No. Multiple--See Attached ☑ Oil Well ☐ Gas Well ☐ Other Name of Operator Contact: CARRISSA O'MEARA YATES PETROLEUM CORPORATIONE-Mail: carrissa\_omeara@eogresources.com API Well No. Multiple--See Attached 3b. Phone No. (include area code) 10. Field and Pool or Exploratory Area 105 SOUTH FOURTH STREET Ph: 575-748-4203 Multiple--See Attached ARTESIA, NM 88210 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State Multiple--See Attached EDDY COUNTY, NM

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

| TYPE OF SUBMISSION  | TYPE OF ACTION       |                        |                             |                      |  |
|---|----------------------|------------------------|-----------------------------|----------------------|--|
| Notice of Intent     ■     Notice of Intent     Notice of Inten | ☐ Acidize            | ☐ Deepen               | ☐ Production (Start/Resume) | ☐ Water Shut-Off     |  |
| _   | ☐ Alter Casing       | ☐ Hydraulic Fracturing | □ Reclamation               | ■ Well Integrity     |  |
| ☐ Subsequent Report   | ☐ Casing Repair      | ☐ New Construction     | ☐ Recomplete                | <b>⊠</b> Other       |  |
| ☐ Final Abandonment Notice  | Change Plans         | Plug and Abandon       | □ Temporarily Abandon       | Venting and/or Flari |  |
|   | Convert to Injection | ☐ Plug Back            | ☐ Water Disposal            | 6                    |  |

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 recomplete 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

EOG Y Resources, Inc. is requesting permission to flare November 30, 2016 - February 27, 2017 due to Lucid Energy's expansion of their plant. All gas flared will be metered and reported as per BLM Requirements.

NM OIL CONSERVATION ARTESIA DISTRICT

JAN 1 1 2017

This circumstantial flare could result longer than 24 hour period and possibly more than the 144 hours cumulative authorized under NTL4A III.A. Flare volumes will be reported on OGOR.

NECEIVE

# SEE ATTACHED FOR CONDITIONS OF APPROVAL

|  |   |               |        | _/       |                       |                  |                   |                 |        |         | )<br> |
|--|---|---------------|--------|----------|-----------------------|------------------|-------------------|-----------------|--------|---------|-------|
| 14. I hereby certify that the  | he foregoing is true and correct.  Electronic Submission #359343 verifi  For YATES PETROLEUM CORI  Committed to AFMSS for processing by DEBO                          | PORATI        | ON, se | nt to th | ne Carl               | isbad            |                   | 3 <b>S/</b> E)\ | -      | 7       | 1     |
| Name (Printed/Typed)   | CARRISSA O'MEARA  | Title         | SRI    | ROD      | UCTA                  | MREP             | <del>ŅIJ ŞQ</del> | c/vs}           | UST/   | <u></u> | 11    |
| Signature  | (Electronic Submission)   | Date          | 11/3   | 0/2016   |                       | l'r'i            | (UVI              |                 | $\chi$ | ¥       |       |
| THIS SPACE FOR FEDERAL OR STATE OFFICE NEE 3 2017  |   |               |        |          |                       |                  |                   |                 |        |         |       |
| certify that the applicant ho  | ny, are attached. Approval of this notice does not warrant or lds legal or equitable title to those rights in the subject lease licant to conduct operations thereon. | Title<br>Offi |        |          | P <b>V</b> AU<br>CARL | OF LAN<br>SBAD F | D MAN<br>IELD O   | FIGE            |        |         |       |
| 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)
\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

# Additional data for EC transaction #359343 that would not fit on the form

### Wells/Facilities, continued

| Agreement | Lease     | Well/Fac Name, Number    | API Number          | Location                            |
|-----------|-----------|--------------------------|---------------------|-------------------------------------|
| NMNM81953 | NMNM81953 | GLOW WORM ALX FEDERAL 11 | 30-015-35313-00-\$1 | Sec 3 T23S R31E NENW 330FNL 2310FWL |
| NMNM81953 | NMNM81953 | GLOW WORM ALX FEDERAL 12 |                     | Sec 3 T23S R31E NWNW 330FNL 330FWL  |
| NMNM81953 | NMNM81953 | GLOW WORM ALX FEDERAL 13 |                     | Sec 4 T23S R31E NWNE 330FNL 2160FEL |
| NMNM81953 | NMNM81953 | GLOW WORM ALX FEDERAL 14 | 30-015-35316-00-S1  | Sec 4 T23S R31E NENE 330FNL 330FEL  |
| NMNM81953 | NMNM81953 | GLOW WORM ALX FEDERAL 15 | H30-015-36368-00-S1 | Sec 4 T23S R31E NWNE 200FNL 1830FEL |
| NMNM81953 | NMNM81953 | GLOW WORM ALX FEDERAL 16 | H30-015-36369-00-S1 | Sec 4 T23S R31E NENE 200FNL 900FEL  |
|           |           |                          |                     | 32.340110 N Lat, 103.777209 W Lon   |
| NMNM81953 | NMNM81953 | GLOW WORM ALX FEDERAL 19 | H30-015-37515-00-S1 | Sec 3 T23S R31E SWSE 30FSL 2310FEL  |
|           |           |                          |                     |                                     |

### 10. Field and Pool, continued

SALT DRAW WILDCAT

#### Revisions to Operator-Submitted EC Data for Sundry Notice #359343

**Operator Submitted** 

**FLARE** 

NOI

Lease:

Sundry Type:

NMNM81953

Agreement:

Operator:

**EOG Y RESOURCES** 

105 SOUTH FOURTH STREET ARTESIA, NM 88210 Ph: 575-748-4203

Admin Contact:

CARRISSA O'MEARA SR PRODUCTION REPORTING ASSIST E-Mail: carrissa\_omeara@eogresources.com

Ph: 575-748-4203

Tech Contact:

CARRISSA O'MEARA

SR PRODUCTION REPORTING ASSIST E-Mail: carrissa\_omeara@eogresources.com

Ph: 575-748-4203

Location:

State:

NM

EDDY COUNTY County:

Field/Pool:

WILDCAT

Well/Facility:

GLOW WORM ALX FEDERAL 11

Sec 3 T23S R31E SWSW 760FSL 660FWL

**BLM Revised (AFMSS)** 

FLARE NOI

NMNM81953

YATES PETROLEUM CORPORATION

105 SOUTH FOURTH STREET ARTESIA, NM 88210

Ph: 575.748.1471

CARRISSA O'MEARA SR PRODUCTION REPORTING ASSIST E-Mail: carrissa\_omeara@eogresources.com

Ph: 575-748-4203

CARRISSA O'MEARA

SR PRODUCTION REPORTING ASSIST E-Mail: carrissa\_omeara@eogresources.com

Ph: 575-748-4203

NM EDDY

LOS MEDANOS LOS MEDANOS DELAWARE SALT DRAW

WILDCAT

**GLOW WORM ALX FEDERAL 11** 

Sec 3 T23S R31E NENW 330FNL 2310FWL

GLOW WORM ALX FEDERAL 12
Sec 3 T23S R31E NWNW 330FNL 330FWL
GLOW WORM ALX FEDERAL 13
Sec 4 T23S R31E NWNE 330FNL 2160FEL
GLOW WORM ALX FEDERAL 14
Sec 4 T23S R31E NENE 330FNL 330FEL
GLOW WORM ALX FEDERAL 15H
Sec 4 T23S R31E NWNE 200FNL 1830FEL
GLOW WORM ALX FEDERAL 16H
Sec 4 T23S R31E NENE 200FNL 900FEL
32.340110 N Lat, 103.777209 W Lon
GLOW WORM ALX FEDERAL 19H
Sec 3 T23S R31E SWSE 30FSL 2310FEL

Sec 3 T23S R31E SWSE 30FSL 2310FEL

## 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 <u>without</u> <u>incurring a royalty</u> obligation in the following circumstances:

- A. <u>Emergencies.</u> 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. <u>Well Purging and Evaluation Tests</u>. 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. <u>Initial Production Tests.</u> 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. <u>Routine or Special Well Tests.</u> 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 <u>temporary emergency flare\*</u> 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 either disposition code "21" or "22".".
- 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.. <u>Volumes for avoidably lost gas shall be reported on OGOR "B" reports as disposition code "08"</u>. 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.