

**OCD-ARTESIA**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
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.*

5. Lease Serial No.

NM-81953

6. If Indian, Allottee or Tribe Name

NA

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well



Oil Well



Gas Well



Other

2. Name of Operator

Yates Petroleum Corporation

3a. Address

105 S. 4th Str., Artesia, NM 88210

3b. Phone No. (include area code)

575-748-1471

4. Location of Well (Footage, Sec., T., R., M., OR Survey Description)

Surface - 200'FNL & 900'FEL of Section 4-T23S-R31E (Unit A, NENE)

BHL - 4943'FNL & 891'FEL of Section 4-T23S-R31E (Unit P, SESE)

7. If Unit or CA/Agreement, Name and/or No.

NA

8. Well Name and No.

Glow Worm ALX Federal #16H

9. API Well No.

30-015-36369

10. Field and Pool or Exploratory Area

Los Medanos, Delaware

11. County or Parish, State

Eddy County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 <u>Completion</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Operations</u>
	<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 recomple 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.

**RECEIVED**

MAR 18 2011

NMOCOD ARTESIA

- 1/17/11 Tagged cement at 4301'. Drilled cement down to DV tool. Tagged at 4373'. Drilled out DV tool. Circulated well clean. Tested DV tool to 2500 psi, held good for 15 min. Tagged up at 7301'.
- 1/18/11 TIH with 4-1/2" magnet. Tagged at 7305'. Set 5 points on DV tool.
- 1/19/11 TIH with 8 joints to KOP at 7566'. Circulated well clean. Pressure tested casing to 2900 psi. Lost 350 psi in 15 min and 700 psi in 30 min. Opened valve - no pressure on 5-1/2" x 9-5/8". Cleaned up both DV tools.
- 1/20/11 TIH with 5-1/2" ASI-1X packer to 4468'. Tested casing to 2600 psi, held good for 15 min. Released packer. Set packer below 2nd DV tool. Pressure tested casing to 2600 psi, held good for 15 min. Released packer.
- 1/21/11 TIH with bond tools to 8046'. Logged well to surface with 1500 psi. Est TOC at surface.
- 1/23/11 Pickled tubing and casing with 1200g 15% HCL with 500g Xylene, then spotted 2500g 7-1/2% HCL double inhibited. Displaced hole with 2% KCL water.
- 1/24/11 Perforated Delaware 12,465' (12), 12,327' (12), 12,207' (12) and 12,067' (12).
- 2/15/11 Frac Delaware using a 30# Borate x-linked gel system, 188,020# 20/40 Texas Gold, 72,464# 20/40 Super LC.

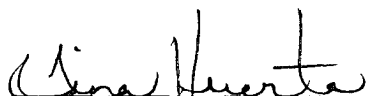
**CONTINUED ON NEXT PAGE:**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Tina Huerta		Title Regulatory Compliance Supervisor	<b>ACCEPTED FOR RECORD</b>
Signature <i>Tina Huerta</i>	Date March 9, 2011		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			MAR 16 2011
Approved by _____		Title _____	Date _____
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 _____	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
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			

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**Form 3160-5 continued:**

- 2/16/11 Spotted 2500g 7-1/2% NEFE HCL at 12,007'. Perforated Delaware 11,941' (12), 11,810' (12), 11,679' (12) and 11,548' (12). Frac using a 30# Borate x-linked gel system, 184,620# 20/40 Texas Gold, 80,000# 20/40 Super LC. Spotted 2500g 7-1/2% NEFE HCL at 11,483'. Perforated Delaware 11,417' (12), 11,286' (12), 11,155' (12) and 11,024' (12). Frac using a 30# Borate x-linked gel system, 195,400# 20/40 Texas Gold, 72,776# 20/40 Super LC. Spotted 2500g 7-1/2% NEFE HCL at 10,959'. Perforated Delaware 10,893' (12), 10,762' (12), 10,631' (12) and 10,500' (12). Frac using a 30# Borate x-linked gel system, 195,102# 20/40 Texas Gold, 75,400# 20/40 Super LC. Spotted 2500g 7-1/2% NEFE HCL at 10,435'. Perforated Delaware 10,369' (12), 10,238' (12), 10,107' (12) and 9976' (12). Frac using a 30# Borate x-linked gel system, 153,118# 20/40 Texas Gold, 78,210# 20/40 Super LC. Spotted 2500g 7-1/2% NEFE HCL at 9911'. Perforated Delaware 9845' (12), 9714' (12), 9583' (12) and 9452' (12).
- 2/17/11 Frac using a 30# Borate x-linked gel system, 195,024# 20/40 Texas Gold, 71,022# 20/40 Super LC. Spotted 2500g 7-1/2% NEFE HCL at 9387'. Perforated Delaware 9321' (12), 9190' (12), 9059' (12) and 8928' (12). Frac using a 30# Borate x-linked gel system, 198,420# 20/40 Texas Gold, 84,544# 20/40 Super LC. Spotted 2500g 7-1/2% NEFE HCL at 8863'. Perforated Delaware 8797' (12), 8666' (12), 8535' (12) and 8404' (12). Frac using a 30# Borate x-linked gel system, 199,135# 20/40 Texas Gold, 104,764# 20/40 Super LC. Flow through plugs at 10,437', 10,960', 11,485' and 12,009'. 2-7/8" 6.4# L-80 tubing at 7515'.
- 3/8/11 Date of 1st production - Delaware

  
Regulatory Compliance Supervisor  
March 9, 2011