

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB NO 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5 Lease Serial No <b>NM-81953</b>
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resrv., Other: _____		6 If Indian, Allottee or Tribe Name
2 Name of Operator <b>Yates Petroleum Corporation</b>		7 Unit or CA Agreement Name and No
3 Address <b>105 S. 4th Str., Artesia, NM 88210</b>	3a Phone No (include area code) <b>575-748-1471</b>	8 Lease Name and Well No <b>Glow Worm ALX Federal #11</b>
4 Location of Well (Report location clearly and in accordance with Federal requirements)*  At Surface <b>330'FNL &amp; 2310'FWL (Unit C, NENW)</b>  At top prod Interval reported below <b>Same as above</b>  At total depth <b>Same as above</b>		9 API Well No. <b>30-015-35313</b> 10. Field and Pool or Exploratory <b>Los Medanos; Delaware</b> 11 Sec., T., R., M., on Block and Survey or Area <b>Section 3-T23S-R31E</b> 12 County or Parish <b>Eddy</b> 13 State <b>New Mexico</b>

14 Date Spudded <b>11/17/07</b>	15. Date T D Reached <b>12/5/07</b>	16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod <b>12/27/07</b>	17 Elevations (DF,RKB,RT,GL)* <b>3438'GL 3456'KB</b>
18 Total Depth MD <b>8324'</b> TVD <b>NA</b>	19 Plug Back T.D MD <b>8281'</b> TVD <b>NA</b>	20. Depth Bridge Plug Set. MD <b>NA</b> TVD <b>NA</b>	
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CNL, Hi-Res Laterolog Array, CBL</b>		22 Was Well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)	

## 23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft )	Top (MD)	Bottom(MD)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17-1/2"	20"	Cond.	Surface	40'		Redi-mix		Surface	
11"	13-3/8"	48#	Surface	564'		465 sx		Surface	
7-7/8"	8-5/8"	24#,32#	Surface	4085'		1300 sx		Surface	
	5-1/2"	15.5#,17#	Surface	8324'		1200 sx		Surface	

## 24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7897'							

## 25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) Delaware	8024'	8214'	8024'-8030'		7	Producing
B)			8146'-8152'		7	Producing
C)			8174'-8180'		7	Producing
D)			8194'-8198'		5	Producing
E)			8210'-8214'		5	Producing

## 26 Perforation Record

## 27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
8146'-8214'	Acidize w/2000g 7-1/2% IC acid and 35 balls
8024'-8030'	Acidize w/1000g 7-1/2% IC acid and 15 balls
8024'-8214'	Frac w/55,172g Silverstim and 140,100 20/40 Expedite

## 28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
12/28/07	1/3/08	24	→	30	45	512	NA	NA	Pumping
Choke Size	Tbg. Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
NA	110 psi	80 psi	→	30	45	512	NA		

## 28a Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD  
Producing

FEB 6 2008

JERRY FANT  
PETROLEUM GEOLOGIST

## 28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg	Csg Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg	Csg Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

## 30. Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31 Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc	Name	Top
					Meas. Depth
				Rustler	634'
				BOS	4052'
				Bell Canyon	4350'
				Cherry Canyon	5434'
				Brushy Canyon	7038'
				Bone Spring	8250'

## 32. Additional remarks (include plugging procedure):

## 33 Indicate which items have been attached by placing a check in the appropriate boxes

- ☒ Electrical/Mechanical Logs (1 full set req'd)  
 ☐ Geologic Report  
 ☐ DST Report  
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification  
 ☐ Core Analysis  
 ☒ Other Deviation Survey

## 34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

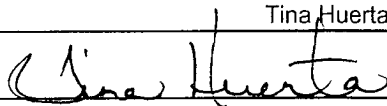
Name (please print)

Tina Huerta

Title

Regulatory Compliance Supervisor

Signature



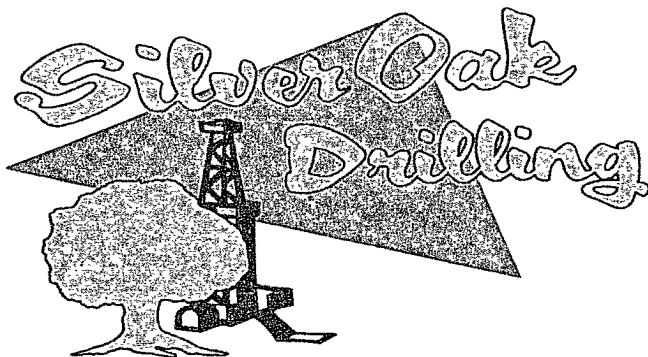
Date

January 11, 2008

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

(Continued on page 3)

(Form 3160-4, page2)



PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

December 19, 2007

Yates Petroleum Corporation  
105 S. 4th  
Artesia, NM 88211-1395

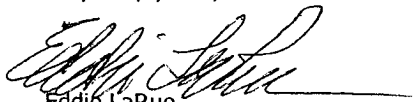
RE: Glow Worm ALX Federal #11  
330' FNL & 2310' FWL  
Sec. 3, T23S, R31E  
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

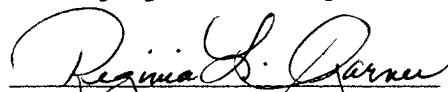
<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
238.00	0.50	3636.00	1.25
546.00	1.25	3791.00	1.25
801.00	1.00	3946.00	2.00
1051.00	1.25	4332.00	1.75
1301.00	1.25	4582.00	0.75
1549.00	1.25	4894.00	0.00
1799.00	1.25	5422.00	0.75
2047.00	1.25	5920.00	0.25
2578.00	1.00	6419.00	0.25
2858.00	1.25	6917.00	0.50
3075.00	1.00	7414.00	1.00
3167.00	0.75	7914.00	1.00
3293.00	0.75	8258.00	1.00
3449.00	0.75		

Very truly yours,

  
Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 19<sup>th</sup> day of December, 2007.

  
Notary Public

