

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

OCD Artesia

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

NM-65417

6. If Indian, Allottee or Tribe Name

N/A

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

N/A

8. Well Name and No.

Martha AIK Federal #9H

9. API Well No.

30-015-37512

10. Field and Pool, or Exploratory Area

Livingston Ridge Delaware

11. County or Parish, State

Eddy, New Mexico

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Yates Petroleum Corporation

3a. Address

105 South Fourth Street, 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: 430' FSL & 200' FEL, Unit P

BHL: 430' FSL & 1650' FWL, Unit N

Section 11, T22S-R31E

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 checked="" 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 type="checkbox"/> Other
	<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 Operations (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 recompletion 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.)

Yates Petroleum Corporation respectfully requests permission to set a second intermediate string at approx. 7450', where 7" casing will be set and cemented to surface in three stages with a Packer Stage tool approx. 6500'-7000' and a DV tool approx. 4650'-5150' (Cement will be distributed proportionately). Hole size will then be reduced to a 6 1/8" hole and drilled to approx. 11520' MD (8272' TVD), where 4 1/2" casing will be set and cemented from TD to approx 7000' (Cement will be distributed proportionately). Once well is completed 4 1/2" casing will be cut and pulled at approx. 7000'. Please see attached for Intermediate 2 and Production casing and cement designs.

Thank-you,

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jeremiah Mullen

Title

Drilling Engineer

Signature

*Jeremiah Mullen*

Date

December 24, 2012

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

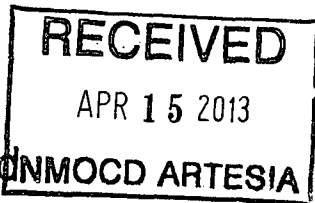
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, 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 reverse)

Accepted for record  
NMOCD



# Martha AIK Federal #9H

## Contingency Casing Design

### 2nd Intermediate

0 ft to 7,450 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
7 inches	26 #/ft	J-55	LT&C	3670	2750	4590	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
4,320 psi	4,980 psi	367,000 #		415,000 #		6.151	

DV/Packer Stage tool placed between 6500'-7000' and 4650'-5150' (cement will be adjusted ).

Stage I: Cemented w/80sx PVL (YLD 1.42 WT 13) 7450'-6900' (35% excess)

Stage II: Lead w/165sx 35/65 PozC (YLD 2.01 WT 12.6), tail w/100sx 50/50 PozC (YLD 1.36 WT 14.2) 6900'-4650' (35% excess)

Stage III: Lead w/335sx 35/65 PozC (YLD 2.01 WT 12.6), Tail w/100sx 50/50 PozC (YLD 1.36 WT 14.2) 4650'-0' (15% excess)

### Production

0 ft to 7,800 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
4.5 inches	11.6 #/ft	L-80	LT&C	2230	1670	2790	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
6,350	7,780 psi	212,000 #		267,000 #		3.875	

7,800 ft to 11,520 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
4.5 inches	11.6 #/ft	L-80	BT&C	2230	1670	2790	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
6,350	7,780 psi	212,000 #		267,000 #		3.875	

DV tool will be placed at approx. 7000'

Stage I: Lead w/410sx of PVL (YLD 1.41 WT 13) 11520'-7200' (35% excess)

## CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	<b>Yates Petroleum Corporation</b>
<b>LEASE NO.:</b>	<b>NMNM065417</b>
<b>WELL NAME &amp; NO.:</b>	<b>Martha AIK Federal # 9H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>430' FSL &amp; 200' FEL</b>
<b>LOCATION:</b>	<b>Section 11, T. 22 S., R 31 E., NMPM</b>
<b>COUNTY:</b>	<b>Eddy County, New Mexico</b>

1. The minimum required fill of cement behind the 7 inch production casing is:

a. First stage to DV tool:

- ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

b. Second stage above DV tool:

- ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with third stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

c. Third stage above DV tool:

- ☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office.

2. The minimum required fill of cement behind the 4-1/2 inch production casing is:

a. First stage to DV tool:

- ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

b. Second stage above DV tool:

- ☒ Cement will not be pumped, casing will be cut and pulled after completion.

**CRW 122412**