

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

JAN 27 2009

## 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.*

**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: 2,310' FNL &amp; 480' FEL,

BHL: 2,210' FNL &amp; 330 FWL,

Section 3, T24S-R29E, Unit Letter (Surface H) (BHL E)

5 Lease Serial No.

NM-85891

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Knoll AOK Federal #3H

9. API Well No.

30-015-35907

10. Field and Pool, or Exploratory Area

Wildcat Bone Springs

11. County or Parish, State

Eddy County

## 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 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 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 change the hole and casing sizes on this well to the following:

Hole Size	Casing Size	Setting Depth	Estimated TOC
14 3/4"	11 3/4"	700'	Circulated
11"	8 5/8"	3,150'	Circulated
7 7/8"	5 1/2"	12,194' MD	Circulated

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

A full string of 5 1/2" 17# HCP-110 will be run to 12,194' MD cemented in three stages with DV tools at approx. 6200' and 2700'.  
Casing design and cement volumes are attached.

**ACCEPTED FOR RECORD**

Thank-You

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

Name (Printed/Typed)

Jeremiah Mullen

Signature

Garry Guye, Deputy Field Inspector

NMOCD-District II ARTESIA

Date

On-Call Engineer Asst.

January 19, 2009

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

JAN 23 2009

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

WESLEY W. INGRAM  
PETROLEUM ENGINEER

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)

## Knoll AOK Federal #3H

### Surface Casing

Surface Casing designed using an 8.6-9.2 mud weight.

0 ft to 700 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
11.75 inches	42 #/ft	H-40	ST&C	3070	2300	3840	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
1,040 psi	1,980 psi	307,000 #		478,000 #		11	

Cemented w/225sx Class C(YLD 1.64 Wt. 14.8) Tail w/200sx Class C (YLD 1.34 Wt. 14.8)

TOC = Surface

### Intermediate Casing

Intermediate casing designed using a 10-10.2 mud weight.

0 ft to 100 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
8.625 inches	32 #/ft	J-55	ST&C	3720	2790	4650	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
2,530 psi	3,930 psi	372,000 #		503,000 #		7.875-SD	

100 ft to 2,200 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
8.625 inches	24 #/ft	J-55	ST&C	4970	3020	6210	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
1,370 psi	2,950 psi	244,000 #		381,000 #		7.972	

2,200 ft to 3,150 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
8.625 inches	32 #/ft	J-55	ST&C	3720	2790	4650	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
2,530 psi	3,930 psi	372,000 #		503,000 #		7.875-SD	

Cemented w/675sx C-Lite (YLD 2.0 Wt. 12.4) Tail w/200sx Class C (YLD 1.32 Wt. 14.8)

TOC = Surface

### Production Casing

Production casing designed using an 8.6-8.8 mud weight.

0 ft to 12,194 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
5.5 inches	17 #/ft	HCP-110	LT&C	4620	3470	5780	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
8,580 psi	10,640 psi	445,000 #		546,000 #		4.767	

Stage I: Cemented w/1325sx Poz H (YLD 1.57 Wt. 13.2) TOC=6,200'

Stage II: Cemented w/775sx Poz H (YLD 1.57 Wt. 13.2) TOC= 2,700'

Stage III: Cemented w/400sx Lite C(YLD 2.01 Wt. 12.5)Tail w/100sx C Neat(YLD 1.18 Wt. 15.6)

TOC= Surface

**Knoll AOK Federal #3H  
30-015-35907  
Yates Petroleum Corporation  
January 23, 2009  
Conditions of Approval**

1. The minimum required fill of cement behind the **5-1/2** inch production casing is:

a. First stage to DV tool, cement shall:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office, before proceeding with second stage cement job.

b. Second stage above DV tool, cement shall:

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office, before proceeding with third stage cement job.

c. Third stage above second DV tool, cement shall:

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

**WWI 012309**