

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

## 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

FEB - 4 2008

2 Name of Operator

Yates Petroleum Corporation

HOBBS OCD

3a Address

105 South Fourth Street, Artesia, NM 88210

3b Phone No. (include area code)

(505) 748-1471

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

Surface: 1980' FSL &amp; 1830' FEL,

BHL: 330' FNL &amp; 2310' FEL,

Section 14, T20S-R32E. Unit Letter (Surface J) (BHL B)

5 Lease Serial No

NMNM-63016

6. If Indian, Allottee or Tribe Name

7 If Unit or C/A Agreement, Name and/or No

8 Well Name and No

Belco AIA Federal #34

9. API Well No.

30-025-38719

10 Field and Pool, or Exploratory Area

Salt Lake

11 County or Parish, State

Lea, New Mexico

## 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 recompleate 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 recompleation 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 make the following changes to the casing design:

Hole Size	Casing Size	Casing Weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	106.5 & 94#	1,500'	2,350sx	Circulated
17 1/2"	13 3/8"	68 & 54.5#	3,370'	2,450sx	Circulated
11"	8 5/8"	32 & 24#	4,678' MD	1375sx	Circulated
7 7/8"	5 1/2"	17#	7,772' MD	825sx	4,200'

It is requested that a rotating head be installed on the 20" casing due to lack of BOP for that size. A BOP will be installed on 13 3/8" casing. The original permit included a pilot hole to 5,400'. Yates Petroleum Corporation would like to omit the pilot hole on this well. The 8 5/8" second intermediate casing will be set approx. 25' into the Lamar Lime. Detailed casing and cement design attached. Thank-You,

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jeremiah Mullen

Title

Drilling Engineer Asst.

Signature

Date

January 22, 2008

THIS SPACE FOR FEDERAL OR STATE USE

APPROVED

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

DC DISTRICT SUPERVISOR/GENERAL MANAGER

FEB 25 2008

JAN 31 2008

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.

MURRAY M. UNGRAM  
PETROLEUM ENGINEER

(Instructions on reverse)

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

### Surface Casing & Cement

0 ft to 100 ft				Make up Torque ft-lbs			Total ft = 100
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
20 inches	106.5 #/ft	J-55	BT&C	N/A	N/A	N/A	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
770 psi	2,410 psi	1595 ,000 #		1685 ,000 #		18.812	

100 ft to 900 ft				Make up Torque ft-lbs			Total ft = 800
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
20 inches	94 #/ft	J-55	BT&C	N/A	N/A	N/A	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
520 psi	2,110 psi	1402 ,000 #		1480 ,000 #		18.936	

900 ft to 1,500 ft				Make up Torque ft-lbs			Total ft = 600
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
20 inches	106.5 #/ft	J-55	BT&C	N/A	N/A	N/A	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
770 psi	2,410 psi	1595 ,000 #		1685 ,000 #		18.812	

Lead w/2,125sx C Lite (YLD 1.99 WT. 12.6) Tail w/225sx Class C (YLD 1.32 WT. 14.8) TOC= Surface

### 1st Interm. Casing & Cement

0 ft to 100 ft				Make up Torque ft-lbs			Total ft = 100
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
13.375 inches	68 #/ft	J-55	ST&C	6,750	5,060	8,440	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
1,950 psi	3,450 psi	675 ,000 #		1,069 ,000 #		12,259	

100 ft to 1,800 ft				Make up Torque ft-lbs			Total ft = 1,700
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
13.375 inches	54.5 #/ft	J-55	ST&C	5,140	3,860	6,430	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
1,130 psi	2,730 psi	514 ,000 #		853 ,000 #		12,459	

1,800 ft to 3,370 ft				Make up Torque ft-lbs			Total ft = 1,570
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
13.375 inches	68 #/ft	J-55	ST&C	6,750	5,060	8,440	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
1,950 psi	3,450 psi	675 ,000 #		1,069 ,000 #		12,259	

Lead w/2,250sx C Lite (YLD 1.99 WT. 12.6) Tail w/200sx Class C (YLD 1.32 WT. 14.8) TOC= Surface

**2nd Interm. Casing & Cement**

0 ft to 100 ft		Make up Torque ft-lbs		Total ft = 100	
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 2,500 ft		Make up Torque ft-lbs		Total ft = 2,400	
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	

2,500 ft to 4,678 ft		Make up Torque ft-lbs		Total ft = 2,178	
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	

Lead w/875sx C Lite (YLD 1.99 WT. 12.6) Tail w/500sx Class C (YLD 1.32 WT. 14.8) TOC= Surface

**Production Casing & Cement**

0 ft to 7,772 ft		Make up Torque ft-lbs		Total ft = 7,772	
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	

Cement 875sx Super C (YLD 1.51 WT. 13) TOC=4200'

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**Belco AIA Federal 3H  
Yates Petroleum Corporation  
January 31, 2008  
Conditions of Approval**

- 1. Based on additional information received from operator, the casing and cement program as designed are acceptable.**
- 2. A 2M annular will be required for drilling the 17 ½" well bore due to setting depth for the 13 3/8" casing.**

**WWI 013108**