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AUG 24 2010
NMOCD ARTESIA

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5 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.

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

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. 1650' FNL & 330' FEL, Unit H
BHL: 1650' FNL & 330' FWL, Unit E
Section 11, T22S-R31E

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 #13H

9. API Well No

30-015-37511

10. Field and Pool, or Exploratory Area

Livingston Ridge Delaware

11. County or Parish, State

Eddy, 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 checked="" type="checkbox"/> Other Change hole sizes
	<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 recompleat 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/casing sizes on this well as per attached.

Thank-you, See Original COA

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

Name (Printed/Typed)	Title
Jeremiah Mullen	Well Planner
Signature	Date
<i>Jeremiah Mullen</i>	August 10, 2010

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)

APPROVED
AUG 11 2010
/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Martha AIK Federal #13H

Surface Casing

Drilled with a 17 1/2" hole.

0 ft to 800 ft				Make up Torque ft-lbs			Total ft = 800
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
13.375 inches	48 #/ft	J-55	ST&C		4,330	3,250	5,410
Collapse Resistance	Internal Yield	Joint Strength	Body Yield		Drift		
740	2,370 psi	433,000 #	744,000 #		12,559		

Lead w/425sx C (YLD 1.99 Wt 12.6), tail w/225sx Class C (YLD 1.32 Wt. 14.8) TOC= Surface

Intermediate Casing

Drilled with 12 1/4" hole.

0 ft to 100 ft				Make up Torque ft-lbs			Total ft = 100
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
9.625 inches	40 #/ft	J-55	LT&C		5,200	3,900	6,500
Collapse Resistance	Internal Yield	Joint Strength	Body Yield		Drift		
2,570 psi	3,950 psi	520,000 #	630,000 #		8.75-SD		

100 ft to 3,300 ft				Make up Torque ft-lbs			Total ft = 3,200
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
9.625 inches	36 #/ft	J-55	LT&C		4,530	3,400	5,660
Collapse Resistance	Internal Yield	Joint Strength	Body Yield		Drift		
2,020 psi	3,520 psi	453,000 #	564,000 #		8.765		

3,300 ft to 4,050 ft				Make up Torque ft-lbs			Total ft = 750
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
9.625 inches	40 #/ft	J-55	LT&C		5,200	3,900	6,500
Collapse Resistance	Internal Yield	Joint Strength	Body Yield		Drift		
2,570 psi	3,950 psi	520,000 #	630,000 #		8.75-SD		

Lead w/1135sx C (YLD 1.99 Wt 12.6), tail w/225sx Class C (YLD 1.32 Wt. 14.8) TOC= Surface

Production Casing

Drilled with 8 3/4" hole to 8,500' MD (8,189' TVD) then reduced to 8 1/2" to TD'

0 ft to 8,500 ft				Make up Torque ft-lbs			Total ft = 8,500
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
5.5 inches	47 #/ft	P-110	LT&C		4620	3470	5780
Collapse Resistance	Internal Yield	Joint Strength	Body Yield		Drift		
7,480 psi	10,640 psi	445,000 #	546,000 #		4.767		

8,500 ft to 12,605 ft				Make up Torque ft-lbs			Total ft = 4,105
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
5.5 inches	47 #/ft	L-80	LT&C		3410	2560	4260
Collapse Resistance	Internal Yield	Joint Strength	Body Yield		Drift		
6,290	7,740 psi	338,000 #	397,000 #		4.767		

DV tools placed at 7400' and 4500'.

Stage I: 12,605'-7,400' Cemented w/1310sx PVL (YLD 1.86 Wt 13) TOC= 7400'

Stage II: 7,400'-4,500' Lead w/425sx Lite Crete (YLD 3.19 Wt. 9.9), tail w/100sx PVL (YLD 1.41 Wt 13) TOC= 4500'

Stage II: 4,500'-0' Lead w/665sx Lite Crete (YLD 3.19 Wt. 9.9), tail w/100sx PVL (YLD 1.41 Wt 13) TOC= surface