Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

5 Lease Serial No
NM-57274

6 If Indian, Allottee or Tribe Name

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

DEC 15 2008

OCD-ARTESIA

1 Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No
Haracz AMO Federal #8H

2 Name of Operator
Yates Petroleum Corporation

9 API Well No.
30-015-36778

3a. Address
105 South Fourth Street, Artesia, NM 88210

3b Phone No *(include area code)*
(575) 748-1471

10 Field and Pool, or Exploratory Area
Wildcat Bone Springs

4 Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Surface: 330' FSL & 1980' FEL,
BHL: 330' FNL & 1980 FEL,
Section 23, T24S-R31E, Unit Letter (Surface O) (BHL B)

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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☒ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 Corportation 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"	900'	Circulated
11"	8 5/8"	4,400'	Circulated
7 7/8"	5 1/2"	12,683' MD	3900'

A full string of 5 1/2" 17# HCP-110 will be run to 12683' MD with a DV tool at approx 6300' Casing design and cement volumes are attached

ACCEPTED FOR RECORD

Thank-You

DEC 16 2008

14 I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*
Jeremiah Mullen

Title
Drilling Engineer Asst

Gerry Guye, Deputy Field Inspector
NMOCD-District II ARTESIA

Signature Jeremiah Mullen

Date
December 9, 2008

THIS SPACE FOR FEDERAL OR STATE USE

APPROVED

Approved by	Title	Date
		DEC 12 2008
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)

Haracz AMO Federal #8H

Surface Casing

Surface Casing designed using an 8.6-9.2 mud weight.

0 ft to 900 ft				Make up Torque ft-lbs			Total ft = 900
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/265sx C-Lite (YLD 1.96 Wt. 12.5) 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 = 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 2,100 ft				Make up Torque ft-lbs			Total ft = 2,000
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	

2,100 ft to 4,200 ft				Make up Torque ft-lbs			Total ft = 2,100
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	

4,200 ft to 4,400 ft				Make up Torque ft-lbs			Total ft = 200
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
8.625 inches	32 #/ft	HCK-55	ST&C	4970	3730	6210	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
4,130 psi	3,930 psi	497 ,000 #		503 ,000 #		7.875-SD	

Cemented w/975sx C-Lite (YLD 2.0 Wt. 12.6) Tail w/225sx Class C (YLD 1.34 Wt. 14.8)
TOC = Surface

Production Casing

Production casing designed using an 8.6-8.8 mud weight.

0 ft to 12,683 ft				Make up Torque ft-lbs			Total ft = 12,683
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/1575sx PVL (YLD 1.41 Wt. 13) TOC=6,300'

Stage II: Cemented w/250sx Lite Crete (YLD 2.78 Wt. 9.9) Tail w/100sx PVL (YLD 1.41 Wt. 13)
TOC= 3,900'