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New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 a abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
NM-105888

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.
Scooter BPS Federal #1H

2. Name of Operator
Yates Petroleum Corporation

9. API Well No.
30-005-29172

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
Wolfcamp

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Surface: 770' FNL & 200' FEL ,
BHL: 360' FNL & 330 FWL ,
Section 28 T15S-R31E, Unit Letter (Surface A) (BHL D)

11. County or Parish, State
Chaves 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 production casing cement job utilizing FO tool
	☐ 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 run a 5 1/2" packer/port system on this well. Cementing will be done once packers have been inflated. Attached is the casing design for the entire well along with the cement program for each casing string.
A contingency casing design is also included for use if hole conditions dictate.

Thank-You

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

Name *(Printed/Typed)*	Title
Jeremiah Mullen	Well Planning Technician
Signature	Date
Jeremiah Mullen	April 1, 2011

THIS SPACE FOR FEDERAL OR STATE USE

Approved by /S/ DAVID R. GLASS	Title PETROLEUM ENGINEER	Date APR 18 2011
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)

Scooter BPS Federal #1H

Surface Casing

0 ft to 425 ft				Make up Torque ft-lbs			Total ft = 425
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	

Cemented w/425sx Class C (YLD 1.34 Wt 14.8) TOC= Surface

Intermediate Casing

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	K-55	LT&C	4,890	3,670	6,110	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
2,020 psi	3,520 psi	489 ,000 #		564 ,000 #		8.765	

3,300 ft to 4,100 ft				Make up Torque ft-lbs			Total ft = 800
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	

Cemented w/1175sx C-Lite (YLD 2.0 Wt 12.5), tail w/200sx Class C (YLD 1.34 Wt 14.8) TOC= Surface

Production Casing

0 ft to 14,502 ft				Make up Torque ft-lbs			Total ft = 14,502
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
5.5 inches	17 #/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	

Cemented with an external casing packer and FO tool from Packers plus as follows:
External casing packer set approx. 50' above top of curve with FO tool 1 joint above packer.
Cement w/1000sx Lite Crete (YLD 2.66 Wt. 9.9), tail w/225sx Class C (YLD 1.34 Wt. 14.8) TOC=3,600'
There will be no cement from top of curve to the end of lateral.
An 8 3/4" hole will be drilled to 10,222' MD (9,938' TVD), then hole size will be reduced to 7 7/8" and drilled to 14,502' MD (9,840' TVD) where 5 1/2" casing will be set and cemented as per the above production casing/cement design.

Contingency Casing Design

If hole conditions dictate, 7" casing will be set at approx. 9,350' in the vertical hole. A 6 1/8" hole will then be drilled to 9,461' and kicked off at 12*/100'. Lateral will be drilled to 14502' MD (9,840' TVD) where 4 1/2" casing will be set with packer/port system and will not be cemented.

2nd Intermediate

0 ft to 9,350 ft				Make up Torque ft-lbs			Total ft = 9,350
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
7 inches	26 #/ft	P-110	LT&C	6930	5200	8660	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
6,230 psi	9,950 psi	639,000 #		830,000 #		6.151	

Cement w/925sx Lite Crete (YLD 2.66 Wt. 9.9), tail w/200sx Class C (YLD 1.34 Wt. 14.8) TOC=Surface

Production Liner

9,150 ft to 14,502 ft				Make up Torque ft-lbs			Total ft = 5,352
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
4.5 inches	11.6 #/ft	HCP-110	LT&C	3020	2270	3780	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
8,650 psi	10,690 psi	279,000 #		367,000 #		3.875	

4 1/2" liner will be run with packer/port system with no cement.