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JAN 20 2011

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUDDRY 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: 330' FSL & 330' FEL

BHL: 330' FSL & 330' FWL

Section 12 T15S-R31E Unit Letter (Surface P) (BHL M)

5. Lease Serial No.

NM-105886

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Gemini BOQ Com. #1H

9. API Well No.

30-005-27972

10. Field and Pool, or Exploratory Area

Wolfcamp

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☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other production casing cement
job utilizing FO tool.

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 run a packer/port system on this well. Cementing will be done with a pulling unit once drilling rig has inflated all packers and moved off. 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.

Verbal approval given by Mr. David Glass, Roswell BLM on 11/30/10

Thank-You

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

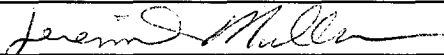
Name (Printed/Typed)

Jeremiah Mullen

Title

Well Planning Technician

Signature



Date

November 24, 2010

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

/S/ DAVID R. GLASS

Title

PETROLEUM ENGINEER

Date

JAN 14 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)

Gemini BOQ Com. #1H

Surface Casing

0 ft to 400 ft				Make up Torque ft-lbs			Total ft =
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 =
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 =
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 4,000 ft				Make up Torque ft-lbs			Total ft =
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/1125sx 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 13,330 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
5.5 inches	17 #/ft	P-110	LT&C		4,620	3,470 5,780	
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 Halliburton as follows:

External casing packer set approx. 50' above top of curve with FO tool 1 joint above packer.

Cement w/1500sx Lite Crete (YLD 2.66 Wt. 9.9), tail w/200sx Class C (YLD 1.34 Wt. 14.8) TOC=Surface

An 8 3/4" hole will be drilled to 9,192' MD (8,910' TVD). Decision will then be made whether to set 7" or not. If 7" casing is not set, then hole size will be reduced to 7 7/8" and drilled to 13,330' MD (8,840' 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. 9,192' MD (8,910' TVD). A 6 1/8" hole will then be drilled to 13,330' MD (8,840' TVD) where 4 1/2" casing will be set with packer/port system and will not be cemented.

2nd Intermediate

0 ft to 200 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	200
7 inches	26 #/ft	L-80	LT&C	5110	3830	6390	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
5,410 psi	7,240 psi	511,000 #		604,000 #		6.151	

200 ft to 8,000 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	7,800
7 inches	26 #/ft	J-55	LT&C	3670	2750	4590	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
4,320 psi	4,980 psi	367,000 #		415,000 #		6.151	

8,000 ft to 9,192 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	1,192
7 inches	26 #/ft	L-80	LT&C	5110	3830	6390	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
5,410 psi	7,240 psi	511,000 #		604,000 #		6.151	

Cement w/900sx Lite Crete (YLD 2.66 Wt. 9.9), tail w/275sx Class C (YLD 1.34 Wt. 14.8) TOC=Surface

Production Liner

8,300 ft to 13,330 ft				Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt.	min.	mx.	5,030
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" will be run with packer/port system with no cement.

New Mexico Oil Conservation Division, District I

1625 N. French Drive

Hobbs, NM 88240

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

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Gemini BOQ Com #1H

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11/28/10 Spudded well at 4:00 PM.

11/29/10 Set 40' of 20" conductor and cemented to surface with 5 yds redi-mix.

RECEIVED
2010 DEC 15 AM 10:03
BUREAU OF LAND MANAGEMENT
ROSWELL OFFICE

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

Name (Printed/Typed)

Tina Huerta

Title

Regulatory Compliance Supervisor

Signature

Date

December 14, 2010

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

Title

Date

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(Instructions on page 2)

DAVID R. GLASS
PETROLEUM ENGINEER