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

Form 3160-5 (August 1999)

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

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other	5. Lease Serial No.: NM-105886
2. Name of Operator: Yates Petroleum Corporation	6. If Indian, Allottee or Tribe Name:
3a. Address: 105 South Fourth Street, Artesia, NM 88210 — 3b. Phone No. (include area code): (575) 748-1471	7. If Unit or CA/Agreement, Name and/or No.:
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): Surface: 2500' FSL & 200' FEL, BHL: 2280' FSL & 330 FWL, Section 12 T15S-R31E, Unit Letter (Surface I) (BHL L)	8. Well Name and No.: Vespa BME Federal #1H
	9. API Well No.: 30-005-29095
	10. Field and Pool, or Exploratory Area: Abo Wildcat 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			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
[ ] Subsequent Report	[X] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Final Abandonment Notice	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[X] Change directional plan and casing program
	[ ] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
	[ ] 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 casing design and directional plan on this well. It is also requested that the pilot hole be omitted for this well. See attached for new casing design and directional plan.

Thank-You

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

Name (Printed/Typed): Jeremiah Mullen	Title: Well Planner
Signature: Jeremiah Mullen	Date: February 16, 2011

THIS SPACE FOR FEDERAL OR STATE USE

Approved by /S/ DAVID R. GLASS	Title: PETROLEUM ENGINEER	Date: FEB 28 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: Ka	ROSWELL FIELD 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)

PETROLEUM ENGINEER
MAR 04 2011

Vespa BME Federal #1H

Well will be drilled to 8350'. 7" casing will then be run and cemented. Drill out with 6 1/8" hole and kick off at approx. 8475' at 12 degrees per 100' to an EOC of 9,225' MD(8,953' TVD). Lateral will then be drilled to 13,581' MD with a TVD of 8,807' at TD. Penetration point of of producing zone will be encountered at 2283' FSL and 626' FEL, 12-15S-31E. Deepest TVD in the well is 8953' in the lateral. NO PILOT HOLE.

Surface Casing

Drilled with a 17 1/2" hole. MW 8.6-9

0 ft to 400 ft				Make up Torque ft-lbs			Total ft = 400
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 w/2% CaCl2 (YLD 1.34 Wt 14.8) TOC= Surface
Designed using 100% excess

Intermediate Casing

Drilled with 12 1/4" hole. MW 10-10.2

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 4,050 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	

Cemented w/1150sx C-Lite w/2% CaCl2 (YLD 2.0 Wt 12.4), tail w/200sx Class C w/2% CaCl2(YLD 1.34 Wt 14.8) TOC= Surface
Designed using 100% excess

2nd Intermediate Casing

Drilled with 8 3/4" hole. MW 8.7-9.2

0 ft to 8,350 ft				Make up Torque ft-lbs			Total ft = 8,350
O.D.	Weight	Grade	Threads	opt.	min.	mx.	
7 inches	26 #/ft	HCP-110	LT&C	6930	5200	8660	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield		Drift	
7,800 psi	9,950 psi	693 ,000 #		830 ,000 #		6.151	

Cemented w/785sx Class H (YLD 3.0 Wt 11.2), tail w/100sx Super H (YLD 1.6 Wt 13.2) TOC= Surface
Designed using 100% excess

Production Casing

Drilled with 6 1/8" hole. MW 8.7-9.3

8,100 ft to 13,581 ft				Make up Torque ft-lbs			Total ft = 5,481
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	

No cement. Peak packer port system will be used.

Yates Petroleum Corporation

Location: Chaves County, NM
Field: (Vespa) Sec 9, T15S, R31E
Facility: Vespa BME Fed No.1H

Slot: No.1H SHL
Well: No.1H
Wellbore: No.1H PWB

BAKER HUGHES INTEQ

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	0.00	0.000	243.000	0.00	0.00	0.00	0.00	0.00
Est KOP	8475.00	0.000	243.000	8475.00	0.00	0.00	0.00	0.00
EOC	9225.84	90.000	243.000	8953.00	-217.01	-425.90	11.99	437.62
End of Turn	9942.22	92.089	271.585	8939.66	-372.98	-1117.34	4.00	1136.85
Vespa BME Fed No.10H PBHL	13581.70	92.089	271.585	8807.00	-272.36	-4753.01	0.00	4760.80

Plot reference wellpath is Prelim_3	
True vertical depths are referenced to Rig on No.1H SHL (RT)	Grid System: NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on No.1H SHL (RT)	North Reference: Grid north
Rig on No.1H SHL (RT) to Mean Sea Level: 4362 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: Vespa BME Fed No.1H): -4362 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: gentbry on 2/9/2011