

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

C/S17

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.

C. Cons.  
N.M. Div. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No.
2. Name of Operator Yates Petroleum Corporation		8. Well Name and No. Grafa RW Federal #4
3a. Address 105 South Fourth Street, Artesia, NM 88210	3b. Phone No. (include area code) (505) 748-1400	9. API Well No. 30-010-2300
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FSL & 1,980' FEL Section 35 T5S-R24E		10. Field and Pool, or Exploratory Area Pecos Slope
		11. County or Parish, State Chaves County, NM

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 type="checkbox"/> Other
	<input checked="" 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 recomple 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 90 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160 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 request premission to change the casing/cement program as follows:

From:

Hole Size	Casing	#s/ft	Grade	Couplings	Interval
12 1/4"	8 5/8"	24	J-55	ST&C	0'-900'
7 7/8"	4 1/2"	10.5	J-55	ST&C	0'-4,150'

To:

Hole Size	Casing	#s/ft	Grade	Couplings	Interval
14 3/4"	11 3/4"	42	H-40	ST&C	0'-900'
11"	8 5/8"	24	J-55	ST&C	0'-1,500'
7 7/8"	5 1/2"	15.5	J-55	LT&C	0'-5,270'

Please see additional sheet.

APPROVED

NOV 9 2001

GARY GOURLEY  
PETROLEUM ENGINEER

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

Name (Printed/Typed)

Cory Frederick

Title

Assistant Drilling Engineer

Signature

Cory Frederick

Date

October 24, 2001

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.

ST. LOUIS, MO. 63101  
HOSPITAL OFFICE

2001 OCT 29 AM 10:08

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The 8 5/8" casing will only be set if lost circulation is encountered from 900'-1,500'. If lost circulation is not encountered in the 11" hole in this interval then the hole size will be reduced to 7 7/8" at 1,500'. The cement for the 11 3/4" surface casing will be 275 sx Lite (yld 2.0 wt 12.0) tailed in w/ 200 sx class C + 2% CaCl2 (yld 1.32 wt 14.8). If the 8 5/8" casing is set it will be cemented in place with 250 sx class C + 2% Cacl2 (yld 1.32 wt 14.8). The 5 1/2" casing will be cemented with 450 sx Pecos Valley Lite (yld 1.34 wt 13.0). Also, YPC is requesting a variance to test the BOP to 2,000 psi with a 3<sup>rd</sup> party tester. YPC requests permission to test the BOP to 1,000 psi with the rig pumps, as we have been doing for some time on similar wells in this area. Please note that TD has been changed from 4,150' to 5,270'. This will enable us to drill to the basement and test formations below the Abo for hydrocarbons.

Thank you,

Prepared by: Cory Frederick  
Cory Frederick  
Assistant Drilling Engineer.