## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
E 1 21 200
Expires: March 31, 200

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5.	Lease Serial No.	

SUNDRY NOTICES AND REPORTS ON WELLS				NM-8420A			
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals					Allottee or Tribe Name		
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SUBMIT IN TRIPLICATE- Other instructions on reverse side					CA/Agreement, Name and/or No.		
I. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other					8. Well Name and No.		
2. Name of Operator Rex Energy					Patterson "20" #1		
					9. API Well No.		
3a Address 3b. Phone No. (include area code) 476 Rolling Ridge Dr Suite 300 State College PA 16801 814-278-7108				30-015-3	35451		
				10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					Rocky Arroyo - Southwest		
1780' FNL & 1830' FEL Section 20 T22S-R22E Eddy County, NM					r Parish, State		
				Eddy Co, NM			
12. CHECK AI	PPROPRIATE BOX(ES) TO	INDICATE NATURI	E OF NOTICE, R	EPORT, OR	OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION						
	Acidize	Deepen	Production (Sta	art/Resume)	Water Shut-Off		
Notice of Intent	Alter Casing	Fracture Treat	Reclamation	·	Well Integrity		
Colored Power	Casing Repair	New Construction	Recomplete	Ī	Other Inspect in order to		
Subsequent Report	Change Plans	Plug and Abandon	Temporarily At		have bond released		
Final Abandonment Notice	Convert to Injection	Dlug Book	Water Disposal				

13. Describe Proposed or Completed Operation (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 BEM/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.)

FEB 25 2011

**NMOCD ARTESIA** 

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)							
Thomas Stabley -1	Title Executive VP and CFO						
SignatureI	Date 01	/02/2011					
THIS SPACE FOR FEDERAL OR STATE OFFICE USE							
Approved by Lames Q. Cons	Title SEAS	Date 2-19-11					
Conditions of approval, if any, are attached. Approval of this notice does not warrant 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.							
Title 18 11 C Caption 1001 and Title 42 11 C Caption 1212 make it a grime for any no	roon 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 page 2)