Form 3160-5 (September 2001)

UNITED STATES N.M. DIV-Dist. 2 DEPARTMENT OF THE INTERIOR 1301 W. Grand Avenue BUREAU OF LAND MANAGEMENT Artesia, NM 88210 SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or recently abandoned well.

FORM APPROVED OMB No. 1004-0135 Expires January 31, 2004

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

5. Lease Serial No.

Do not use this form for proposals to di	INM-100521					
abandoned well. Use Form 3160-3 (APD) i	6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRIPLICATE - Other inst	ructions on reverse side	7. If Unit or CA/Agreement, Name and/or No.				
Type of Well Oil Well Gas Well Other Other	RECEIVED	8. Well Name and No.				
2. Name of Operator	FEB 2 5 7004	Mule Deer ATU Federal #2				
Yates Petroleum Corporation		9. API Well No.				
3a. Address	3b. Phone No. (inclu@@DoARTESIA	30-015-31223				
105 S. 4th St., Artesia, NM 88210	505-748-1471	10. Field and Pool, or Exploratory Area				
4. Location of Well (Footage, Sec., T., R., M., OR Survey Description)		Box Canyon Permo Penn				
	41. 41.	11. County or Parish, State				
2,310' FSL & 660' FEL of Section 11 T 21S R21E		Eddy County, New Mexico				
12. CHECK APPROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTICE, RE	EPORT, OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION					
Acidize	Deepen Production	(Start/Resume) Water Shut-Off				
X Notice of Intent Alter Casing	Fracture Treat Reclamation	Well Integrity				
Casing Repair	New Construction Recomplete	Other				
Subsequent Report						
Change Plans	Plug and Abandon Temporarily	Abandon				
Final Abandonment Notice Convert to Injection	n Plug Back Water Disp	osal				
following completion of the involved operations. If the operation results in a testing has been completed. Final Abandonment Notices shall be filed only determined that the site is ready for final inspection.) Yates Petroleum Corporation proposes to PA this well as follows: Call OCD with a 24 hour notice before commencing operations. 1. MIRU WSU. ND wellhead NU BOP. RU all H2S and safety equ. 2. MI RU WL set a CIBP @ 4,306' and cap it w/ 35' of cement. This 3. Tally tubing and TIH open ended to 3,458'. Load the hole with pl clean out tubing. 4. Move tubing to 2,086'. Load the hole with plugging mud then specified properties of the surface casing shoe an 5. RU WL and perforate 6 squeeze holes @ 397'. Tie onto the 5.5' thi should circulate cement from 397' to the surface. Do not disp 6. Remove all surface equipment and weld dry hole marker per reg	APPROVAL SUBJECT TO GENERAL REQUIREMENT SPECIAL STIPULATIONS Special STIPULATIONS Special STIPULATIONS Special STIPULATIONS Special STIPULATIONS Special States of the ABO Perforations. Sugging mud then spot a 25 SX plug from 3,218' to 3,41 Section 25 SX plug from 1,846' to 2,086', pull 5 stands and did the Glorieta top. WOC 4 hours and tag reset if necessarian and establish circulation back up the 5.5" x 8.1 Slace cement. WOC 24 hours and tag reset if necessarians	IS AND ATTACHED W/ tubing and packer if any exist. 58'. Pull 5 stands and reverse circulate to reverse circulate to clean out tubing and essary. 525annulus. Pump 100 sx of class "C" cement,				
Name (Printed/Typed) Su'Ann Rogers	Title Regulatory Compli	ance Tech.				
Signature Signature	Date February 17, 2004					
THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved by (ORIG. SGD.) ALEXIS C. SWOB		engineer FEB 2 3 2004				
Conditions of approval, if any, are attached. Approval of this notice d certify that the applicant holds legal or equitable title to those rights which would entitle the applicant to conduct operations thereon.	in the subject lease Office					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it	a crime for any person knowingly and willbully to mak	e to any department or agency of the United				

	WELL NAME: Mule De	eer ATU No. 2	FIE	LD:		
### ABIA PERS: 4356" - 4.384" (29) Not to Scale Not to Scale	LOCATION: 2,310' FSL & 660' FEL Sec 11-21S-21E			Eddy County NM		
Tops: API No. 30-015-31223 13-38* 48# H40 ST&C 347 13-38* 48# H40 ST&C 2.098* 14-105* ST&C 2.098* 15-12* 17# J55 LT&C 2.694 94 15-12* 17# J55 LT&C 2.694 94 15-12* 17# J65 LT&C 2.694	GL: 4533' ZERO: KB: 4546'					
13-36° 489 H4 9578C 347 2.096 8-56° 249 49 558 TRC 2.096 5-12° 179 485 178C 6.894.84 -1.01° 179 486 178C 1.292 8 8.450 -1.02° 179 486 178C -1.292 8 8.450 -1.20° 179 486 178C -1.292 8 -1.20° 179 58 -1.20°	SPUD DATE: 08-10-00					
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17-1/2" Hole 17-1/2" Hole 18-1/2" 15. 18.5 LT&C				5-1/2" 17# J55	LT&C 125.28'	
12-1/4" Hole 13-38" @ 347 w/ 595 sx 1" ed to surface Tops: Gloricta	() /	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7			
12-1/4" Hole 13-36" @ 347 w/ 595 ax 1" ed to surface Tops: Glorieta 2,006' Yeso 2,110' Tubb 2,810' Abo 3,458' Wolfcamp 4,610' Cisco 5,866' Canyon 6,594' Strawn 7,204' Atoka 7,658' Morrow 7,980' Chester 8,300' 7-7/8" Hole Abo Perfs: 4,356' - 4,384' (29) ClisP @ 6,5045' + 35' cement Cisco Perfs: 6,145' - 6,197' (16), Actifized w/ 12,000 gal. 15% HC1 Cisco Perfs: 6,145' - 6,197' (16), Actifized w/ 12,000 gal. 15% HC1 Cisco Perfs: 6,145' - 6,197' (16), Actifized w/ 12,000 gal. 15% HC1 Cisco Perfs: 6,145' - 6,197' (16), Actifized w/ 1,500 gal. 7,5% + N2 Cisco Perfs: 7,632' - 7,637' (25), Actifized w/ 1,500 gal. 15% HC1 + N2 Not to Scale Not to Scale	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		ζ	5-1/2" 17# M95	LT&C 1,679.56'	8,450'
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Not to Scale 8,409' 5.5" @ 8,450' w\ 1,340 sx						
5.5" @ 8,450' w\ 1,340 sx		(\ †) ∢ -[Atoka Perfs: 7,830' – 7870' (2	25), Acidized w\ 1,5	00 gal. 15% HCl + N	2
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5.5" @ 8,450' w\ 1,340 sx	Not to Scale)/ 8400, //				
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