

CISF  
JP

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		OGRID Number 25575
		API Number 30-015-23353
Property Code 12678	Property Name Rio Penasco KD Com	Well No. 2

Surface Location

Ul. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	2	19S	25E		1680	North	1980	West	Eddy

Proposed Bottom Hole Location If Different From Surface

Ul. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Penasco Draw Undesignated Atoka					82760	Penasco Undesignated Wolfcamp			
						50290			

Work Type Code P	Well Type Code G	Cable/Rotary Pulling Unit	Lease Type Code P	Ground Level Elevation 3449' GR
Multiple N	Proposed Depth 8890' PBDT	Formation Atoka/Wolfcamp	Contractor Unknown	Spud Date ASAP

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	54#	397'	In place	
12-1/4"	8-5/8"	24#	1134'	In place	
7-7/8"	5-1/2"	17# & 15.5#	9300'	In place	

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.  
Propose to abandon Morrow completion and recomple to Atoka/Wolfcamp to establish gas production as follows:

- TOOH with tubing and packer.
- Set CIBP at 8890' and cap with 20' of cement. Test casing to 2000 psi.
- Perforate 8692-8835' (Atoka) and acidize and frac as necessary. Test.
- Perforate 6586-6696' (Lower Wolfcamp), acidize as necessary. Test.
- Perforate 6110-6226' (Upper Wolfcamp), acidize as necessary. Test. Turn well to production. NOTE: RBP's or CIBP's will be set between Atoka & Wolfcamp zones as appropriate, depending on test results.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: <i>Rusty Klein</i>	OIL CONSERVATION DIVISION	
Printed name: Rusty Klein	Approved by: <i>Jim W. Gunn B6D</i>	Title: <i>District Supervisor</i>
Title: Operations Technician	Approval Date: 7-7-98	Expiration Date: 7-7-99
Date: July 7, 1998	Phone: 505-748-1471	Conditions of Approval: Attached <input type="checkbox"/>