

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

¹ Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		² GRID Number 025575
		³ API Number 30-025-29998
⁴ Property Code 26132	⁵ Property Name Arreguy "Avm"	⁶ Well No. 1

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	25	15S	34E		810'	North	510'	East	Lea

⁸Proposed 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
⁹ Proposed Pool 1 Wildcat Mississippian					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4035.5'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,300'	¹⁸ Formation Mississippian	¹⁹ Contractor Not determined	²⁰ Spud Date ASAP

²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	54.7#	519'	525 sx	In Place
12 1/4", 11"	8 5/8"	32 & 24 #	4800'	2600 sx	In Place
7 7/8"	5 1/2"	17#	11340'	1100 sx	In Place
4 3/4"	3 1/2"	8.81#	13300'	1000 sx	Circulated

²² 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. Yates Petroleum Corporation plans to re-enter with a pulling unit, drill out plugs to the 5 1/2" casing stub at 4350', run 5 1/2" 17 lb/ft K-555 casing, splice and cement casing with approximately 500 sacks of class C. The splice will be inside the 8 5/8" casing. We'll then drill out splice pressure test casing, drill out remaining plugs to 5 1/2" casing shoe at 8516'. At this point the pulling unit will be replaced with a drilling rig. Cement plugs will be drilled out with a 4 3/4" bit to original TD of 12,050'. From here the well will be deepened with 4 3/4" bit to 13,300'. The new hole will be logged and if warranted 3 1/2" liner will be run and cemented from TD to 9500'. The well will then be perforated, acidized and fraced as needed to obtain production from the Morrow or shallower intervals.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Ken Beardemphl

Printed name:

Ken Beardemphl

Title:

Landman

Date:

June 27, 2000

Phone:

505-748-1471

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

