

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 OGRID Number 025575
³ Property Code 12833		⁴ API Number 30-015-3911
⁵ Property Name Thistle AKT		⁶ Well No. 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot 1ch	Feet from the	North/South line	Feet from the	East/West line	County
D	10	18-S	25-E		660'	North	660'	West	Eddy

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1ch	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Richard-Knob Morrow					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3523'
¹⁶ Multiple No	¹⁷ Proposed Depth 8750'	¹⁸ Formation Morrow	¹⁹ Contractor Not determined	²⁰ Spud Date ASAP

Minimum WOC time / 8 hrs. ²¹ 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"	48#	400'	450 sx	circulated
12 1/4"	8 5/8"	24#	1300'	700 sx	circulated
7 7/8"	5 1/2"	17# & 15.5#	8750'	550 sx	TOC-4700'

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 proposes to drill and test the Morrow and intermediate formations. Approximately 350' of surface casing will be set and cement circulated. Intermediate casing will be cement circulated. If commercial production casing will be run and cemented back to approximately 4700', perforated and stimulated as needed for production.

MUD PROGRAM: 0-400' FW/air mist; 400'-1300' FW/air mist; 1300'-7900' cut brine; 7900'-TD Salt gel/starch.

BOPE PROGRAM: 3000# BOPE will be set on 8 5/8" casing and tested daily.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Ken Beardemphl</i>		Approved by: ORIGINAL SIGNED BY TIM W. GUN	
Printed name: Ken Beardemphl		Title: DISTRICT II SUPERVISOR	
Title: Landman		Approval Date: 1-11-00	Expiration Date: 1-11-01
Date: January 10, 2000	Phone: (505) 748-1471	Conditions of Approval: Notify OCD at SPUD & TIME to witness cementing the	
		Attached <input type="checkbox"/>	

13 3/8" casing.