

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, 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

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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 Matador Operating Company 8340 Meadow Road #150 Dallas, TX 75231		² OGRID Number 014245
³ Property Code 26812		³ API Number 30-025-35664
⁵ Property Name Mary 12 State Com		⁶ Well No. 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	12	21S	34E		660	North	1980	East	Lea

⁸ 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
⁹ Proposed Pool 1 Wilson Morrow					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code PS	¹⁵ Ground Level Elevation 3672'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,100'	¹⁸ Formation Morrow	¹⁹ Contractor Patterson Drlg.	²⁰ Spud Date 9/05/01

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#	1400'	1000 sx	Circ to surface
12-1/4"	9-5/8"	40#	5600'	1500 sx	Circ to surf (2stg)
8-3/4"	7"	26#	11500'	350 sx	9000'
6-1/8"	4-1/2"	13.5#	13100'	200 sx	11200' (TOL)

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.

Drill 17-1/2" hole to \pm 1400'. Run/cmt 13-3/8" surface casing. NU 13-5/8" 1500 psi annular. Drill 12-1/4" hole to \pm 5600'. Run/cmt 9-5/8" intermediate casing. NU 11" 3M BOPE & test to 3000 psi. Drill 8-3/4" hole to \pm 11500'. Run/cmt 7" production casing. NU 7-1/16" 10M BOPE & test to 10,000 psi (annular to 5000 psi). Drill 6-1/8" hole to PTD of \pm 13,100'. Evaluate to run 4-1/2" production liner.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Jin Kramer</i> Printed name: Jin Kramer Title: Sr. Drilling Engineer Date: 8/16/01 Phone: 214 987-7128		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: <i>[Signature]</i> Approval Date: AUG 22 2001 Expiration Date: <i>[Signature]</i> Conditions of Approval: Attached <input type="checkbox"/>	
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