

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

Form C-161
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 Rd., #158 Dallas, TX 75231		² OGRID Number 014245
		³ API Number 30 - 025-33034
³ Property Code 27505	⁵ Property Name New Mexico "H" State NCT-4	⁶ Well No. 36

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
K	19	20S	37E		2206'	South	1981'	West	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 Wildcat ; Ellenburger						¹⁰ Proposed Pool 2			

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3528'
¹⁶ Multiple No	¹⁷ Proposed Depth 12500'	¹⁸ Formation Ellenburger	¹⁹ Contractor Patterson Drilling	²⁰ Spud Date 3-20-01

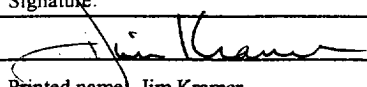
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4"	11-3/4"	42#	1150'	800 sx	Surface
11"	8-5/8"	24#/32#	4010'	1650 sx	Surface
7-7/8"	5-1/2"	17#	12500'	800 sx	6500'

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.
MIRU. Install 11" 3M x 8-5/8" SOW casing head on existing 8-5/8" intermediate casing. NU 11" 3M BOPE and test to 3000 psi. Clean out cement plugs to original total depth of 9620'. Drill new 7-7/8" hole to proposed TD of 12,500'. Evaluate to run 5-1/2" production casing.

Permit Expires 1 Year From Approval
Date Unless ~~Drilling~~ Underway

Re-entry

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature:  Printed name: Jim Kramer Title: Sr. Drilling Engineer Date: 2/22/01 Phone: 214-987-7128		OIL CONSERVATION DIVISION Approved by: _____ Title: _____ Approval Date: _____ Expiration Date: _____ Conditions of Approval: Attached <input type="checkbox"/>	
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MP

DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-102
Revised 02-10-94
Instructions on back

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Submit to the Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

☐ AMENDED REPORT

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-33034		2 Pool Code ✓		3 Pool Name Wildcat, Ellenburger	
4 Property Code 27505		5 Property Name NEW MEXICO 'H' STATE NCT 4			6 Well Number 36
7 OGRID No. 014245		8 Operator Name MATADOR OPERATING COMPANY			9 Elevation 3528'

10 SURFACE LOCATION

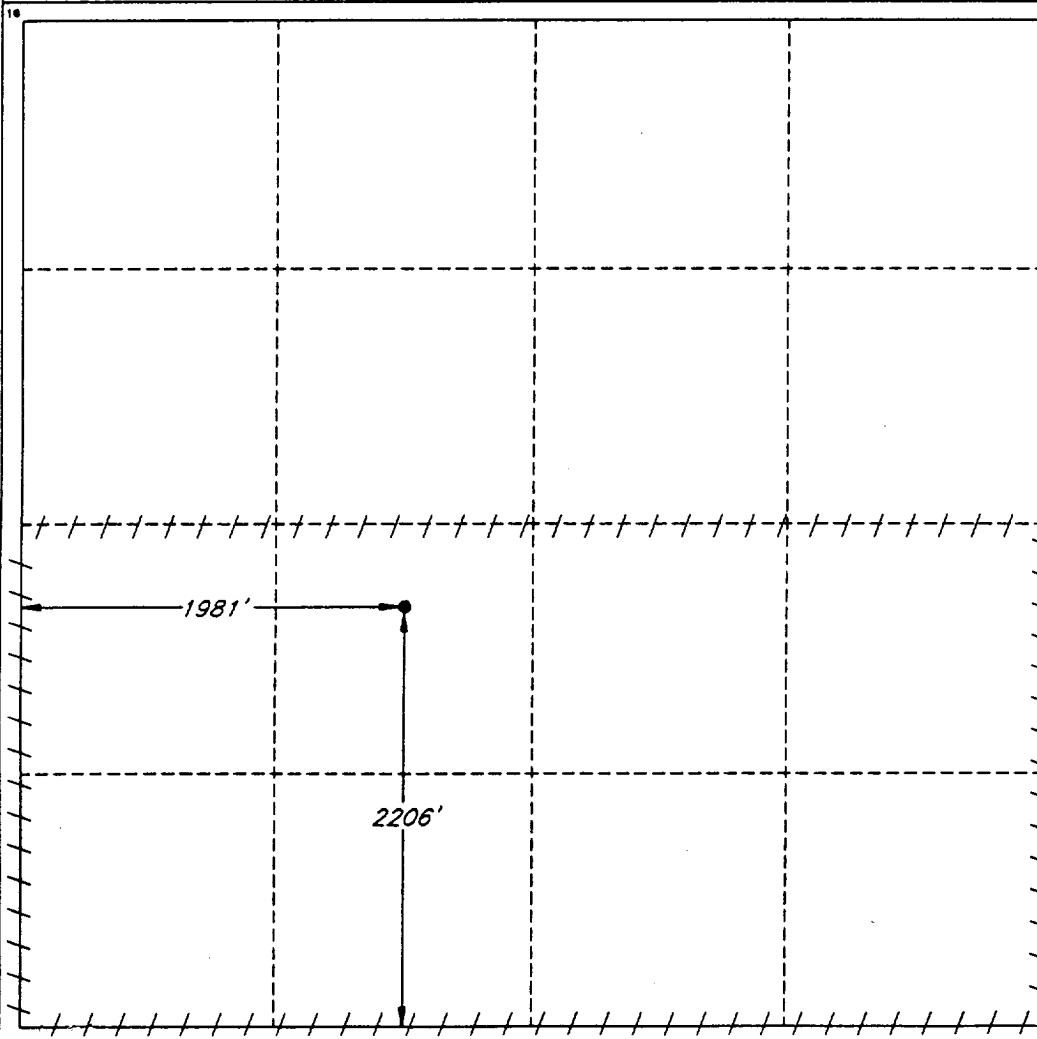
UL or lot no. K	Section 19	Township 20 SOUTH	Range 37 EAST, N.M.P.M.	Lot Ida	Feet from the 2206'	North/South line SOUTH	Feet from the 1981'	East/West line WEST	County LEA
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"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Signature

Printed Name

Jim Kramer

Title

Sr. Drilling Engineer

Date

2/22/01

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

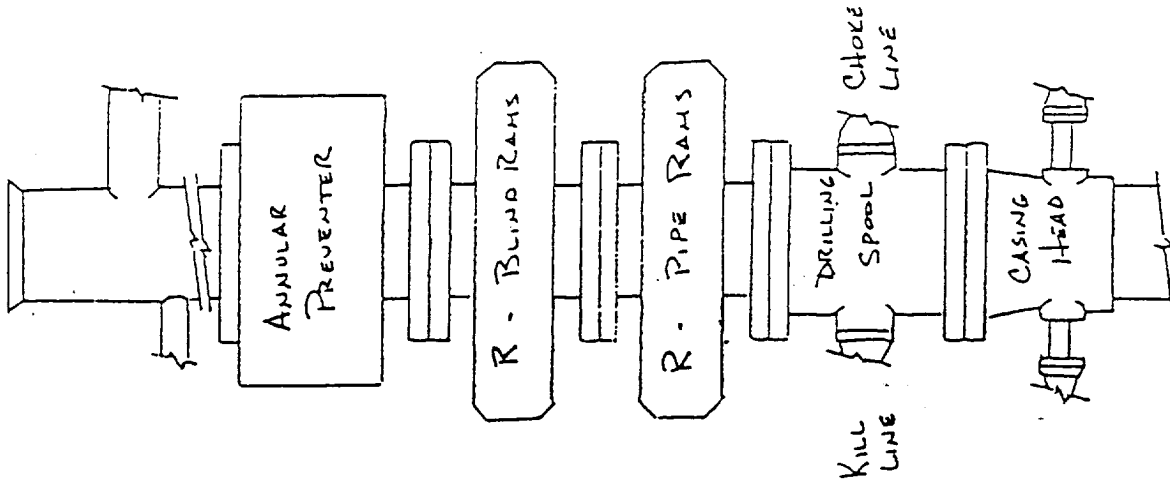
DECEMBER 12, 2000

Signature and Seal of
Professional Surveyor

Certificate No.

V. L. BEZNAR R.P.S. #7920

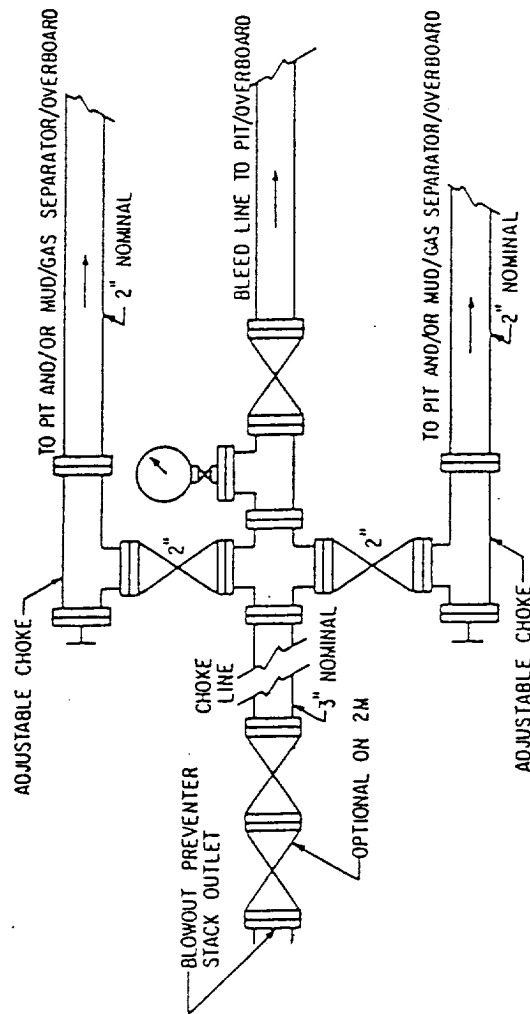
JOB #73396 / 71 SE / JCP



3000 PSI
WORKING PRESSURE

Matador Operating Company
New Mexico "H" State NCT-4 #36
2206' FSL; 1981' FWL
Sec 19, T20S, R37E
Lea County, New Mexico

Blowout Preventer



New Mexico "H" State NCT-4 #36

Sec. 19, T20S - R37E

Lea County, New Mexico

Current Wellbore

Revised 2/21/01 JEK

GL: 3528'

KB: TBD

