

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals & Natural Resources Department
 OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

Form C-101
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

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

¹ Operator Name and Address. UMC Petroleum Corporation 410 17th Street, Suite 1400 Denver, Colorado 80202		² OGRID Number 023654
		³ API Number 30 - 025-34360
⁴ Property Code 21672	⁵ Property Name Hood State	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
G	25	10S	37E		2250	North	2307 2310	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 Wildcat Devonian G-09 SID3725F; Devonian	¹⁰ Proposed Pool 2
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¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3917'
¹⁶ Multiple NO	¹⁷ Proposed Depth 12,250'	¹⁸ Formation Silurian Devonian	¹⁹ Contractor Patterson	²⁰ Spud Date Upon Approval

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'	430	Surface
12-1/4"	8-5/8"	32#	4200'	1760	Surface
7-7/8"	5-1/2"	17#	12,250'	675	8500'

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.

UMC proposes to drill the well to +- 12,250' into the Silurian Zone. If the well is productive, it will be completed in the target zone. If non-productive, it will be plugged and abandoned or evaluated for completion into another zone.

BOP Program: Blowout preventer - 12" 3000 psi type "E" double ram. 12" 3000 psi GK 180 gallon 5 station Koomey air electric, 4" 3000 psi manifold.

BOP will be tested once a week for each individual shift on duty.

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: *Scott M. Webb*

Printed name: Scott M. Webb

Title: Regulatory Coordinator

Date: 4/13/98

Phone: (303) 573-4721

OIL CONSERVATION DIVISION

Approved by: *Chris Williams*

Title: DISTRICT 1 SUPERVISOR

Approval Date: APR 14 1998

Expiration Date:

Conditions of Approval:
 Attached

4103

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 February 10, 1984
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fé, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34360	Pool Code ✓	Pool Name WILDCAT-DEVONIAN G-09 503725F. <i>Devonian</i>
Property Code 21672	Property Name HOOD STATE	Well Number 2
OGRID No. 23654	Operator Name UMC PETROLEUM CORP.	Elevation 3917

Surface Location

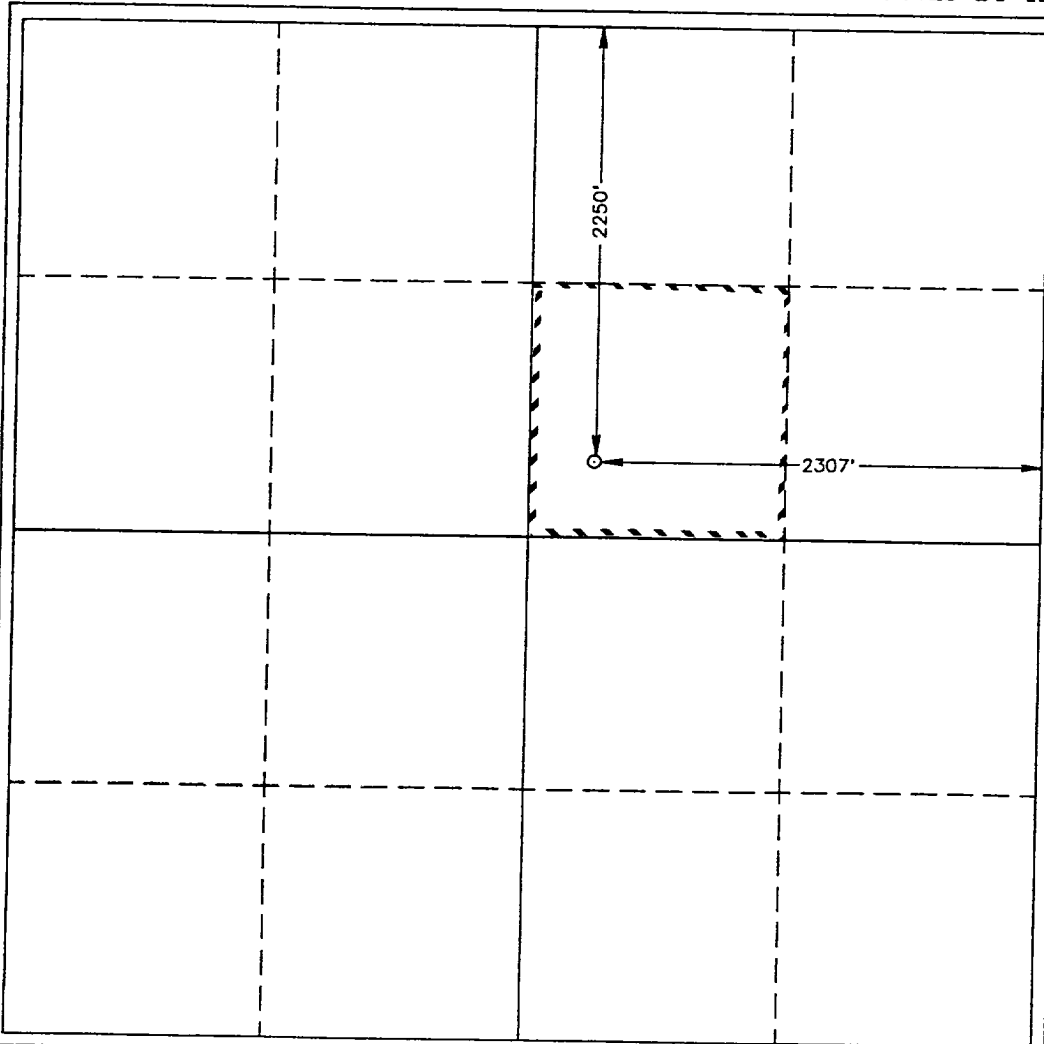
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	25	10 S	37 E		2250	NORTH	2307	EAST	LEA

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

NO ALLOWABLE WILL 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 the the information contained herein is true and complete to the best of my knowledge and belief.

Joe T. Janica
Signature

Joe T. Janica
Printed Name

Agent
Title

04/14/98
Date

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.

APR 14 10 57 AM 1998

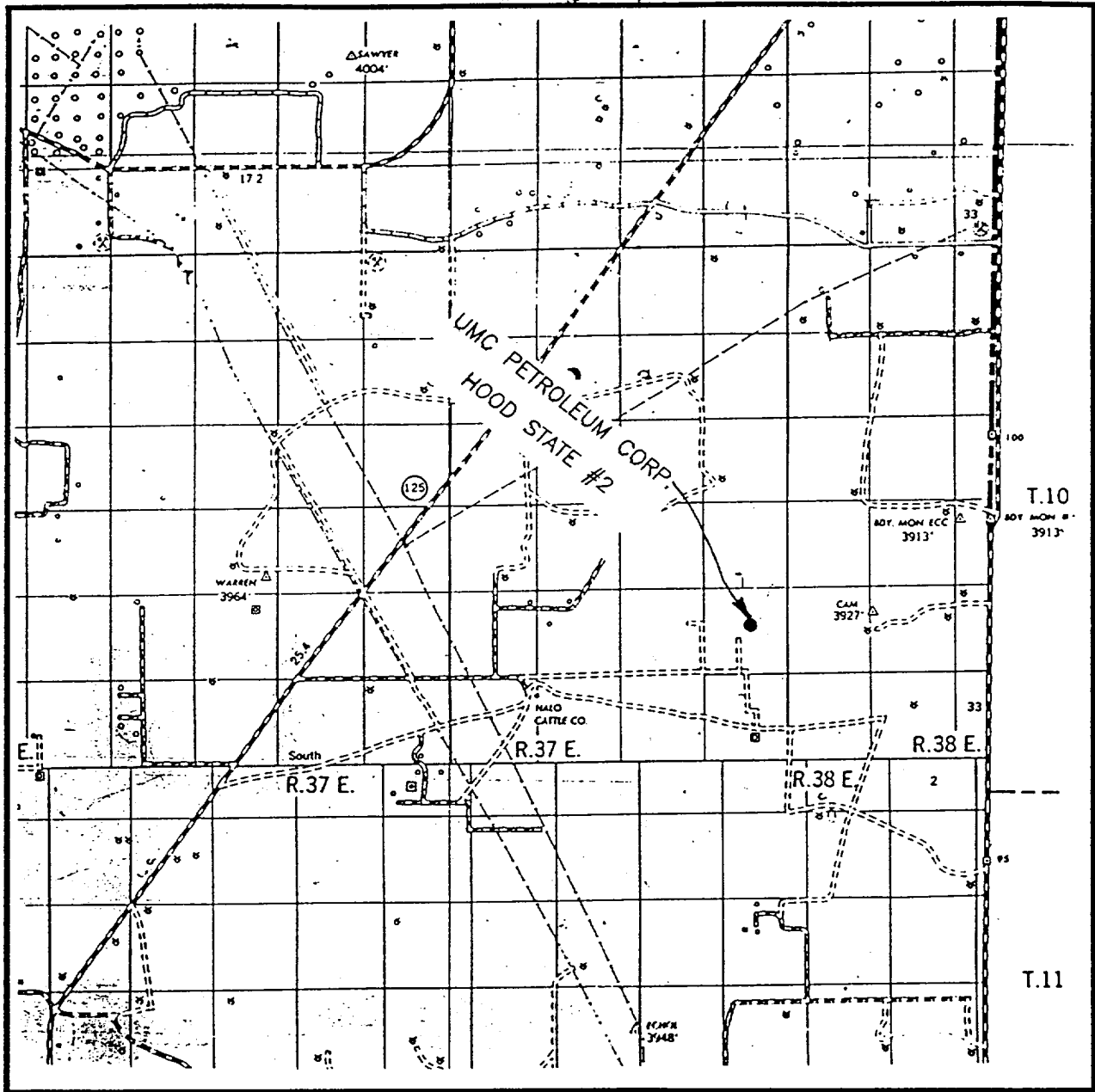
Date Surveyed: _____ JLP

Signature & Seal of Professional Surveyor
Ronald J. Eidson
3239

W.O. No. 98-11-0589

Certificate No. RONALD J. EIDSON, 3239
GARY G. EIDSON, 12841
MACON McDONALD, 12185

VICINITY MAP

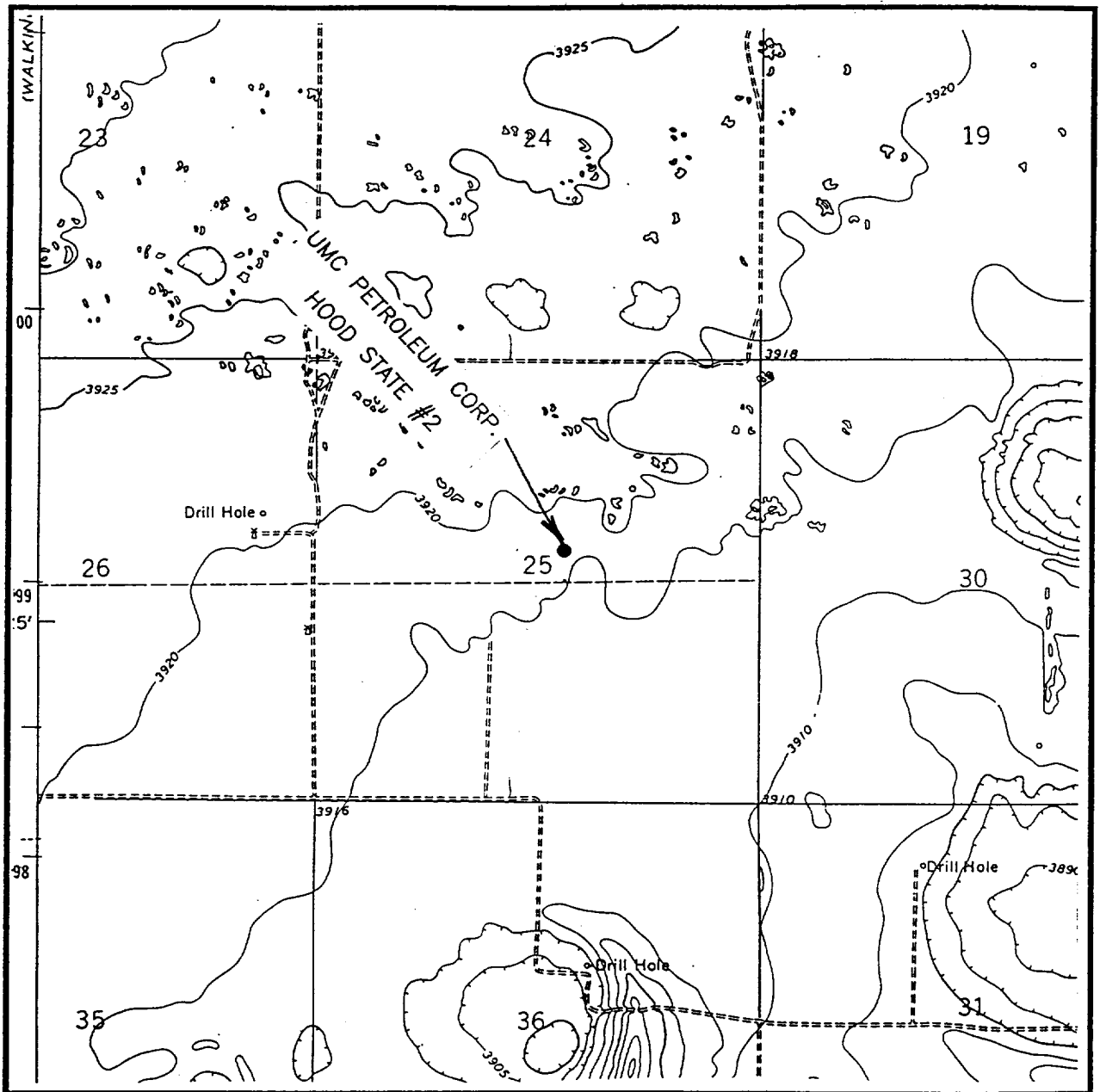


SCALE: 1" = 2 MILES

SEC. 25 TWP. 10-S RGE. 37-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 2250' FNL & 2307' FEL
 ELEVATION 3917'
 OPERATOR UMC PETROLEUM CORP.
 LEASE HOOD STATE

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 5'

SEC. 25 TWP. 10-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2250' FNL & 2307' FEL

ELEVATION 3917'

OPERATOR UMC PETROLEUM CORP.

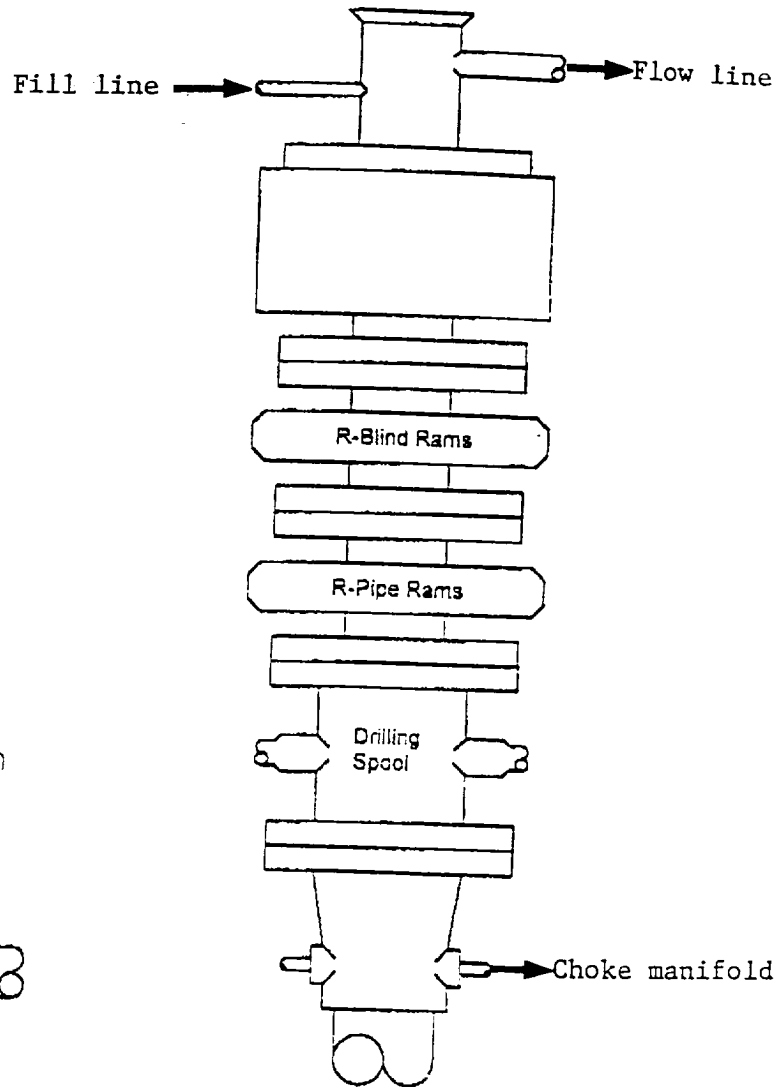
LEASE HOOD STATE

U.S.G.S. TOPOGRAPHIC MAP

BRONCO NE, N.M.-TEX.

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

BLOWOUT PREVENTER SYSTEM



Type 900 Series
3000 psi WP

Choke Manifold Assembly for 3M WP System

