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DHC

8/7/01

District I

1625 N. French Drive, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

District II

811 South First Street, Artesia, NM 88210

Oil Conservation Division

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87504

2939

APPLICATION TYPE

Single Well

Establish Pre-Approved Pools

EXISTING WELLBORE

Yes  No

District III

1000 Rio Brazos Road, Aztec, NM 87410

JUL 18 01

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87504

APPLICATION FOR DOWNHOLE COMMINGLING

Matador Operating Company 310 W. Wall, Ste. 906 Midland, TX 79701  
Operator Address

JW Cooper 5 6 Unit G, Sec. 5, T20S, R37E Lea  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 014245 Property Code 026617 API No. 30-025-35151 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Monument; Tubb		Wildcat; Drinkard
Pool Code	47090		97060
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6435 - 6450 Perforated		6510 - 6735 & 6725 - 6684 Perforated
Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	NA		NA
Oil Gravity or Gas BTU (Degree API or Gas BTU)	37.2		37.2
Producing, Shut-In or New Zone	Producing		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 11/19/00 Rates: 35 BO, 71 MCF	Date: Rates:	Date: 11/08/00 Rates: 40 BO, 81 MCF
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 47 % 47 %	Oil Gas % %	Oil Gas 53 % 53 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No   
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No

Are all produced fluids from all commingled zones compatible with each other? Yes  No

Will commingling decrease the value of production? Yes  No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes  No

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.) New Well
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases. NA
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Russ Mathis TITLE Production Manager DATE 7-16-01

TYPE OR PRINT NAME Russ Mathis TELEPHONE NO. (915) 687-5955

**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

**DISTRICT III**  
 1000 Rio Brazos Rd.  
 Aztec, NM 87410

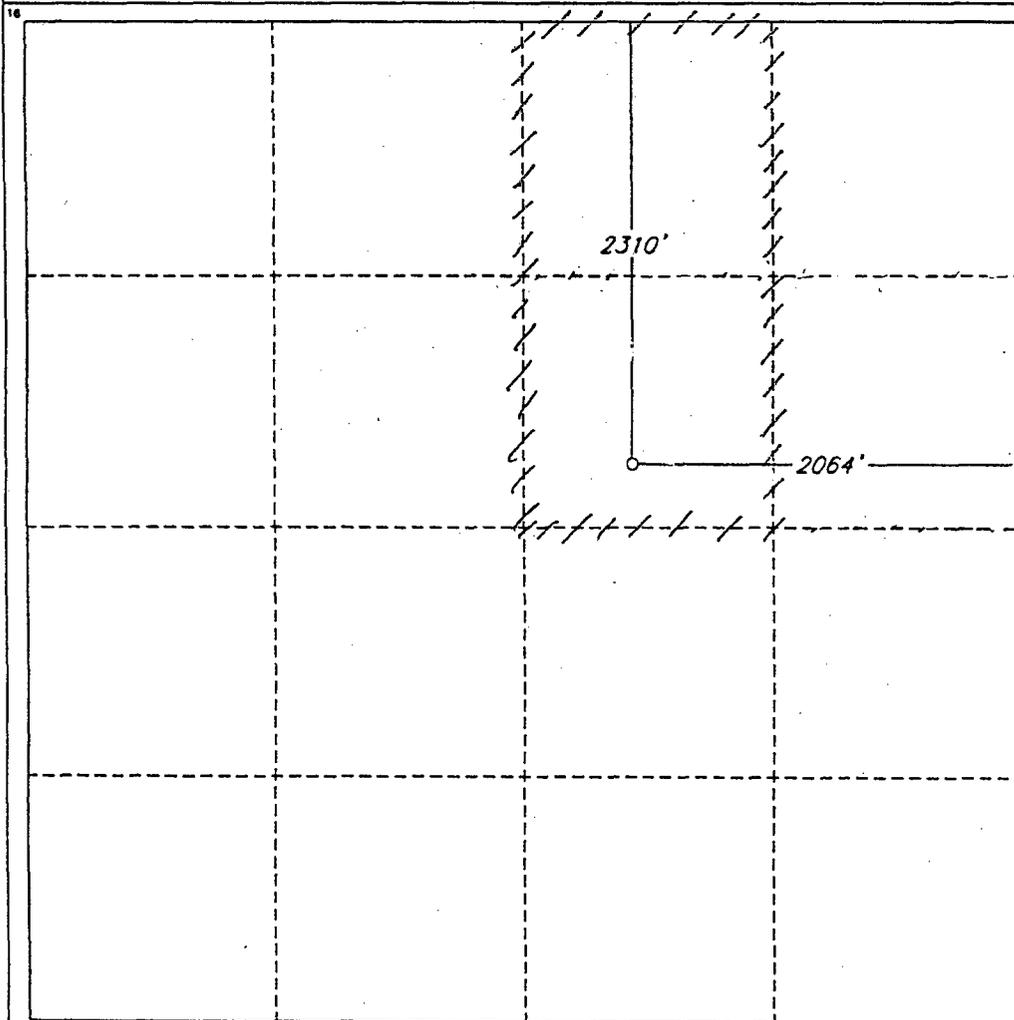
AMENDED REPORT

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-025-35151		2 Pool Code 47090		3 Pool Name Monument Tubb					
4 Property Code 26617		5 Property Name COOPER '5'						6 Well Number 6	
7 OGRID No. 014245		8 Operator Name MATADOR OPERATING COMPANY						9 Elevation 3560'	
10 SURFACE LOCATION									
UL or lot no. G	Section 5	Township 20 SOUTH	Range 37 EAST, N.M.P.M.	Lot Ida	Feet from the 2310'	North/South line NORTH	Feet from the 2064'	East/West line EAST	County LEA
"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
12 Dedicated Acres 80		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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  
*Russ Mathis*

Printed Name  
 Russ Mathis

Title  
 Production Manager

Date  
 12/27/00

**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  
 AUGUST 31, 2000

Signature and Seal of Professional Surveyor

Certification No.  
 V. L. BEZNER R.P.S. #7920  
 JOB #7138 / 70 SW / JCP

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

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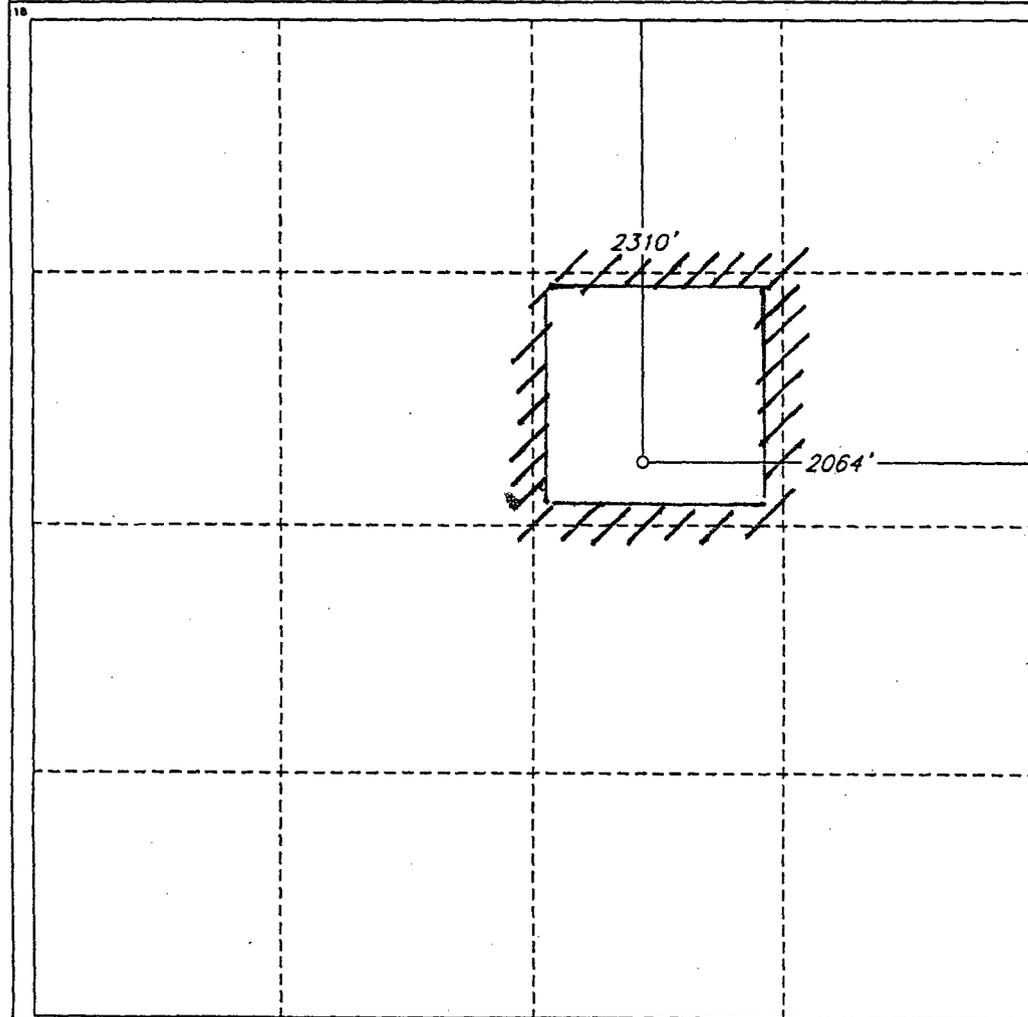
AMENDED REPORT

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-025-35151		2 Pool Code 97060		3 Pool Name Wildcat; Drinkard					
4 Property Code 26617		5 Property Name COOPER '5'				6 Well Number 6			
7 OGRID No. 014245		8 Operator Name MATADOR OPERATING COMPANY				9 Elevation 3560'			
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V. L. BEZNER R.P.S. #7920

JOB #71384 / 70 SW / JCP