

11/5/05

District I

1625 N. French Drive, Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources DepartmentRECEIVED  
DHC-3591  
2005PWJ0532151679  
Form C-107A  
Revised June 10, 2003Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505APPLICATION TYPE  
Yes Single Well  
Yes Establish Pre-Approved Pools  
EXISTING WELLBORE  
X Yes    No

## APPLICATION FOR DOWNHOLE COMMINGLING

SDG Resources L P

P. O. Box 1390

Montrose, CO 81402

Operator	Cooper Jal Unit	#420	G	Address	24	24S	36E	Lea
Lease	Well No.	Unit Letter-Section-Township-Range	County					

OGRID No. 022351 Property Code 10917 API No. 30-025-33458 Lease Type:    Federal X State    Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	JALMAT <u>OIL</u>		LANGLIE MATTIX
Pool Code	<u>33820</u>		<u>37240</u>
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3024'-3362'		3476'-3752'
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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	35.7 Degree API		35.7 Degree API
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: 10/10/05 Rates: 9/6/359	Date: Rates:	Date: 10/10/05 Rates: 1/3/23
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 94 % 71 %	Oil Gas % %	Oil Gas 6% 29 %

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

Are all produced fluids from all commingled zones compatible with each other?

Yes X No   

Will commingling decrease the value of production?

Yes    No X

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 XNMOCD 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.)
- 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.
- 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 Domingo Carrizales TITLE Sr. Petroleum Engineer DATE 10/20/05TYPE OR PRINT NAME Domingo Carrizales TELEPHONE NO. ( 432 ) 580-8500E-MAIL ADDRESS domingo@sdgresources.com

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-33458		<sup>2</sup> Pool Code L.M. 37240		<sup>3</sup> Pool Name Langlie Mattix:	
<sup>4</sup> Property Code 10917		<sup>5</sup> Property Name Cooper Jal Unit			<sup>6</sup> Well Number 420
<sup>7</sup> OGRID No. 022351		<sup>8</sup> Operator Name SDG Resources L. P. P. O. Box 1390 Montrose, CO 81402			<sup>9</sup> Elevation 3313' G. L.

<sup>10</sup> 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	24	24-S	36-E		2310	North	2310	East	Lea

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.

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

<p>24</p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Domingo Carrizales</i></p> <p>Signature</p> <p>Domingo Carrizales</p> <p>Printed Name</p> <p>Sr. Petroleum Engineer domingo@sdgresources.com</p> <p>Title and E-mail Address</p> <p>10/20/05</p> <p>Date</p>	
	<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>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.</p>	
	<p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>	
	<p>Certificate Number</p>	

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State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2005

1220 South St. Francis Dr.

**Santa Fe, NM 87505**

WILDLIFE CONSERVATION  
DIVISION

Form C-102

Revised June 10, 2003

**Submit to Appropriate District Office**

**State Lease - 4 Copies**

Fee Lease - 3 Copies

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-33458	<sup>2</sup> Pool Code Jalmat. 33020	<sup>3</sup> Pool Name Jalmat	
<sup>4</sup> Property Code 10917	<sup>5</sup> Property Name Cooper Jal Unit		<sup>6</sup> Well Number 420
<sup>7</sup> OGRID No. 022351	<sup>8</sup> Operator Name SDG Resources L. P.	Montrose, CO 81402	<sup>9</sup> Elevation 3313' G. L.

### <sup>10</sup> Surface Location

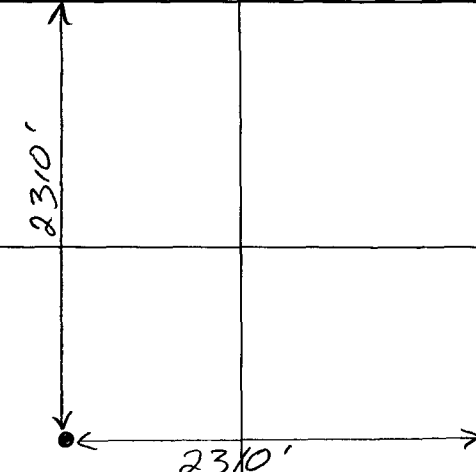

UL or lot no. <b>G</b>	Section 24	Township 24-S	Range 36-E	Lot Idn	Feet from the 2310	North/South line North	Feet from the 2310	East/West line East	County Lea
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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				<div>18</div> <div><b>SURVEYOR CERTIFICATION</b></div> <div>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.</div> <div> Date of Survey</div> <div> Signature and Seal of Professional Surveyor:</div>
				<div> Certificate Number</div>

Lease Name: COOPER JAL UNIT #420  
 County, State: LEA, NM  
 Operator: SDG RESOURCES LIMITED PARTNERSHIP  
 Field: JALMAT  
 Reservoir: TANSILL-YATES-SEVEN  
 Location: 24 24S 36E

COOPER JAL UNIT - JALMAT

