

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised June 10, 2003

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 SDG Resources L. P. P. O. Box 1390 Montrose, CO 81402		² OGRID Number 193003
³ Property Code 10917 29159		⁴ API Number 30-025-11143
⁵ Property Name Cooper Jal Unit		⁶ Well No. 110

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
1	18	24-S	37-E		1980	SOUTH	660	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 JALMAT - 2,960'-3,400'					¹⁰ Proposed Pool 2 LANGLIE MATTIX - 3,400'-3,770'				

¹¹ Work Type Code D4A	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code FEE	¹⁵ Ground Level Elevation 3,303' K. B.
¹⁶ Multiple No	¹⁷ Proposed Depth 3,770'	¹⁸ Formation TNSL-YTS-7RV-QUN	¹⁹ Contractor GREAT BASIN WELL SERVICE	²⁰ Spud Date Orig 9/19/54

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Deepen

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.

Objectives: Deepen Jalmat producer and complete as a DHC (Jalmat/Langlie Mattix) producer. Acidize and Fracture Stimulate.

1. Use Sentinel Manual BOP rated at 5,000 psig.
2. Deepen well from 3,587' to 3,770'.
3. Acidize Tansill, Yates, 7-Rivers, and Queen zones with 2,000 gallons and Fracture Stimulate with 64,500# 12/20 mesh sand.
4. Down hole commingle Jalmat and Langlie Mattix zones.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Domingo Carrizales*

Printed name: Domingo Carrizales

Title: Sr. Petroleum Engineer

E-mail Address: domingo@sdgresources.com

Date: 8/19/05

Phone: 432-580-8500

OIL CONSERVATION DIVISION

Approved by:

Title:

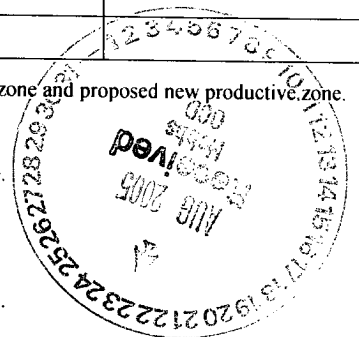
Approval Date:

AUG 31 2005

Expiration Date:

Conditions of Approval:

Attached ☐



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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

¹ API Number 30-025-11143	² Pool Code 33020	³ Pool Name JALMAT: YATES, 7RVRS
⁴ Property Code 10917	⁵ Property Name Cooper Jal Unit	⁶ Well Number 110
⁷ OGRID No. 193003	⁸ Operator Name SDG Resources L. P. P. O. Box 1390 Montrose, CO 81402	⁹ Elevation 3,303' K. B.

¹⁰ Surface Location

UL or lot no. 1	Section 18	Township 24S	Range 37E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 660	East/West line EAST	County Lea
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¹¹ 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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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

18				<p>¹⁷ 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> Signature</p> <p>Domingo Carrizales Printed Name</p> <p>Sr. Petroleum Engineer domingo@sdgresources.com Title and E-mail Address</p> <p>8/19/05 Date</p>
				<p>¹⁸ 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>

