

DATE 11/18/02	SUSPENSE NA	ENGINEER	LOGGED IN KW	TYPE DHC	APP NO. 232347379
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify \_\_\_\_\_

**RECEIVED**

NOV 18 2002

OIL CONSERVATION  
DIVISION

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners  
 [B] ☐ Offset Operators, Leaseholders or Surface Owner  
 [C] ☐ Application is One Which Requires Published Legal Notice  
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Eddie W Seay  
Print or Type Name

Eddie W Seay  
Signature

Agent  
Title

11/04/2002  
Date

(505) 392-2236

seay\_04@laco.net  
e-mail Address

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 Department

Form C-107A  
Revised May 15, 2000

Oil Conservation Division

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☒ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

SDG Resources Box 1390 Montrose, Colorado 81402

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

OGRID No. 193003 Property Code 29159 API No. 30-025-33458 Lease Type: ☐ Federal ☐ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Jalmat, Tans, Y 7 R		Langlie Mattix, 7 R, Queen, GB
Pool Code	33820		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	Perfs 3434' to 3700'		
Method of Production (Flowing or Artificial Lift)	Artificial Lift - Pumping Unit		
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)	not applicable		
Oil Gravity or Gas BTU (Degree API or Gas BTU)	35.0		35.0
Producing, Shut-In or New Zone	SI		re-entry
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.)	see attached Date: production and decline Rates: curve	Date:  Rates:	Date:  Rates:
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 % %	Oil Gas % %	Oil Gas % % see attachment

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: no references established to date

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 Eddie W. Seay TITLE Agent DATE 11-05-02

TYPE OR PRINT NAME Eddie W. Seay TELEPHONE NO. (505) 392-2236

**\* Fixed Allocation Percentage:**

Will isolate each zone separately, run 24 hr. test. The test data will be presented to the OCD District Supervisor for allocation of % after zones are tested.

**ATTACHMENTS:**

C-102

Production Curve

Production Data

The allocation will be based on test of each zone.

DISTRICT I  
P. O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P. O. Drawer D0, Artesia, NM 88210

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease-4 copies  
Fee Lease-3 copies

☐ AMENDED REPORT

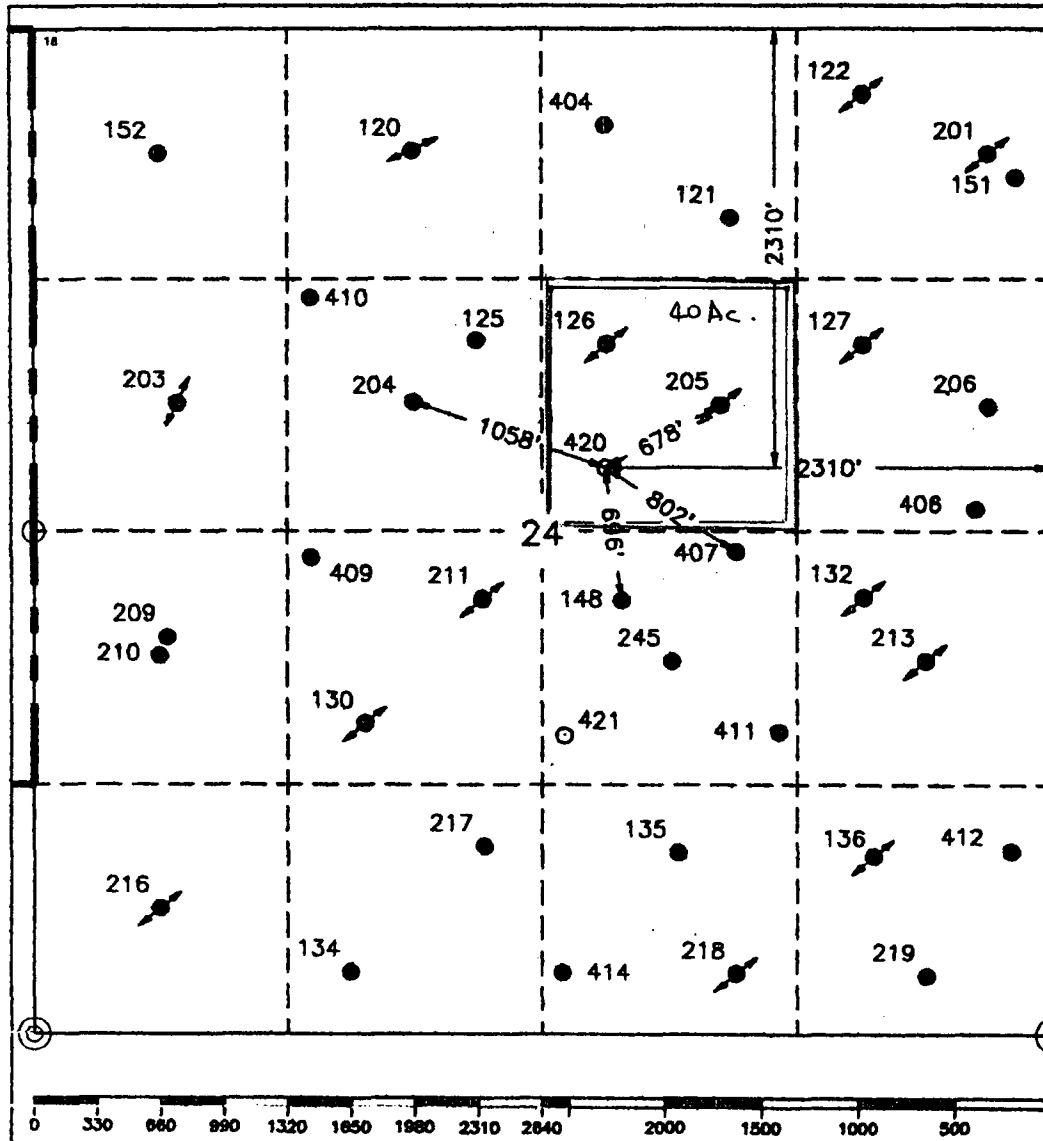
WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-33458		<sup>2</sup> Pool Code 33820/37240		<sup>3</sup> Pool Name Jalmat; Langille Mattix 7R Q GB	
<sup>4</sup> Property Code 10917		<sup>5</sup> Property Name COOPER JAL UNIT			<sup>6</sup> Well Number 420
<sup>7</sup> OCRID No. 22351		<sup>8</sup> Operator Name TEXACO EXPLORATION & PRODUCTION, INC.			<sup>9</sup> Elevation 3313'

<sup>10</sup> Surface Location									
UL or lot no. G	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	<sup>11</sup> County 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	<sup>12</sup> County
<sup>13</sup> Dedicated Acres 40		<sup>14</sup> Joint or Infill		<sup>15</sup> Consolidation Code		<sup>16</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.



<sup>17</sup> OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Signature	<i>C. Wade Howard</i>
Printed Name	C. Wade Howard
Position	Engineer's Assistant
Company	Texaco Expl. & Prod. Inc.
Date	May 15, 1996
<sup>18</sup> 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 knowledge and belief.	
Date Surveyed	May 7, 1996
Signature & Seal of Professional Surveyor	<i>John S. Piper</i>
Certificate No.	7254 John S. Piper
Sheet	

○ = Staked Location ● = Producing Well ◆ = Injection Well

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., 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-103  
Revised March 25, 1999

WELL API NO.  
30-025-33458

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

Cooper Jal Unit

8. Well No.

420

9. Pool name or Wildcat

Jalmat

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

SDG Resources

3. Address of Operator

1008 W Broadway, Hobbs NM 88240

4. Well Location

Unit Letter G : 2310 feet from the North line and 2310 feet from the East line

Section 24 Township 24S Range 36E NMPM County Lea

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3313 GL

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Clean out to 3750. Perf SR & Qu intervals & Acidize & Frac perfs Return to prod.



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

SIGNATURE

*Gaye Heard*

TITLE

Agent

DATE

09/24/02

Type or print name

Gaye Heard

Telephone No.

505/393-2727

(This space for State ORIGINAL SIGNED BY

GARY W. WINK

APPROVED BY OC FIELD REPRESENTATIVE II/STAFF MANAGER

DATE

SEP 27 2002

Conditions of approval, if any:

**Well:** COOPER JAL UNIT  
**Operator:** SDG RESOURCES, L.P.  
**API:** 3002533548  
**Township:** 24.0S  
**Section:** 24  
**Land Type:** P

**No.:** 420  
**API:** 3002533458  
**Range:** 36E  
**Unit:** G  
**County:** Lea

**Accumulated:**  
**Oil:** 3875 (BBLs)  
**Water:** 86327 (BBLs)  
**Gas:** 5454 (MCF)  
**Days Prod:** 607 (Days)

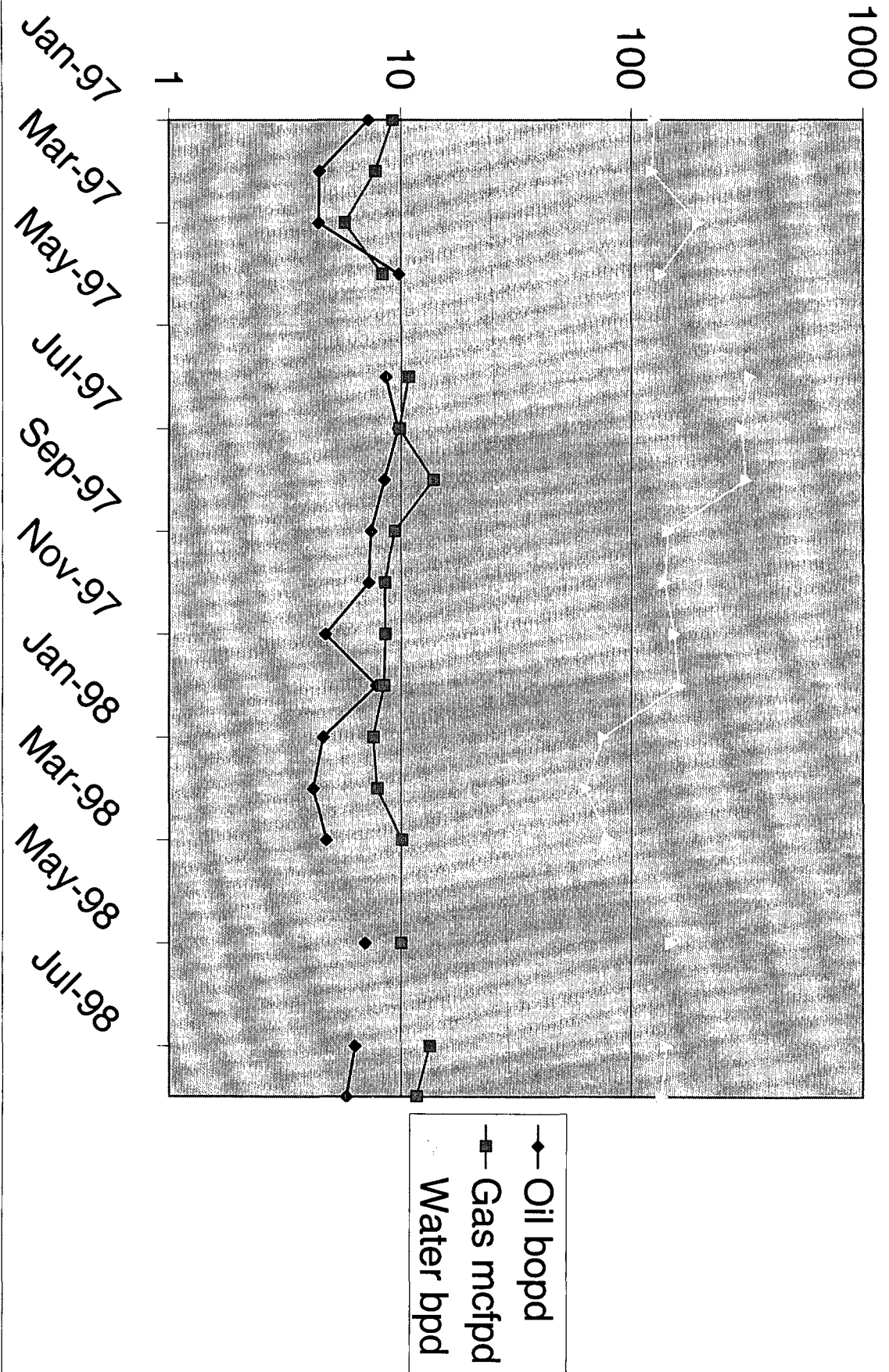
1996												
Pool Name: JALMAT; TAN-YATES-7 RVRS (OIL)												
Year:	Month	Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days Produced	Accum. O (BBLs)	Accum. G (MCF)	Accum. W (BBLs)	Total/yr O	Total/yr G	Total/yr W	
1996	January	0	0	0	0	0	0	0	0	0	0	
1996	February	0	0	0	0	0	0	0	0	0	0	
1996	March	0	0	0	0	0	0	0	0	0	0	
1996	April	0	0	0	0	0	0	0	0	0	0	
1996	May	0	0	0	0	0	0	0	0	0	0	
1996	June	0	0	0	0	0	0	0	0	0	0	
1996	July	0	0	0	0	0	0	0	0	0	0	
1996	August	18	14	30	23	18	14	30	30	71	30	
1996	September	24	22	41	30	42	36	71	4490	4514	36	
1996	October	362	316	4419	31	404	352	4490	623	628	7837	143
1996	November	17	18	24	30	421	370	4514				
1996	December	202	258	3323	29	623	628	7837				
1997	January	195	248	3385	27	818	876	11222				
1997	February	120	209	3311	27	938	1085	14533				
1997	March	75	97	3303	17	1013	1182	17836				
1997	April	216	183	2955	22	1229	1365	20791				
1997	May	0	0	0	0	1229	1365	20791				
1997	June	215	269	8119	25	1444	1634	28910				
1997	July	301	305	9302	31	1745	1939	38212				
1997	August	178	290	6573	21	1923	2229	44785				
1997	September	223	282	4341	30	2146	2511	49126				
1997	October	152	178	2920	21	2298	2689	52046				

1997 November	141	256	4591	30	2439	2945	56637				
1997 December	243	262	4986	31	2682	3207	61623	2059	2579	53786	282
1998 January	143	235	2345	31	2825	3442	63968				
1998 February	117	221	1764	28	2942	3663	65732				
1998 March	142	302	2383	30	3084	3965	68115				
1998 April	0	0	0	0	3084	3965	68115				
1998 May	217	310	4626	31	3301	4275	72741				
1998 June	198	405	5009	0	3499	4680	77750				
1998 July	196	413	4390	31	3695	5093	82140				
1998 August	180	361	4187	31	3875	5454	86327				
1998 September	0	0	0	0	3875	5454	86327				
1998 October	0	0	0	0	3875	5454	86327				
1998 November	0	0	0	0	3875	5454	86327				
1998 December	0	0	0	0	3875	5454	86327	1193	2247	24704	182
1999 January	0	0	0	0	3875	5454	86327				
1999 February	0	0	0	0	3875	5454	86327				
1999 March	0	0	0	0	3875	5454	86327				
1999 April	0	0	0	0	3875	5454	86327				
1999 May	0	0	0	0	3875	5454	86327				
1999 June	0	0	0	0	3875	5454	86327				
1999 July	0	0	0	0	3875	5454	86327				
1999 August	0	0	0	0	3875	5454	86327				
1999 September	0	0	0	0	3875	5454	86327				
1999 October	0	0	0	0	3875	5454	86327				
1999 November	0	0	0	0	3875	5454	86327				
1999 December	0	0	0	0	3875	5454	86327	0	0	0	0
2000 January	0	0	0	0	3875	5454	86327				
2000 February	0	0	0	0	3875	5454	86327				
2000 March	0	0	0	0	3875	5454	86327				
2000 April	0	0	0	0	3875	5454	86327				
2000 May	0	0	0	0	3875	5454	86327				
2000 June	0	0	0	0	3875	5454	86327				
2000 July	0	0	0	0	3875	5454	86327				
2000 August	0	0	0	0	3875	5454	86327				
2000 September	0	0	0	0	3875	5454	86327				
2000 October	0	0	0	0	3875	5454	86327				
2000 November	0	0	0	0	3875	5454	86327				

2000 December	0	0	0	0	3875	5454	86327	0	0	0	0
2001 January	0	0	0	0	3875	5454	86327				
2001 February	0	0	0	0	3875	5454	86327				
2001 March	0	0	0	0	3875	5454	86327				
2001 April	0	0	0	0	3875	5454	86327				
2001 May	0	0	0	0	3875	5454	86327				
2001 June	0	0	0	0	3875	5454	86327				
2001 July	0	0	0	0	3875	5454	86327				
2001 August	0	0	0	0	3875	5454	86327				
2001 September	0	0	0	0	3875	5454	86327				
2001 October	0	0	0	0	3875	5454	86327				
2001 November	0	0	0	0	3875	5454	86327				
2001 December	0	0	0	0	3875	5454	86327	0	0	0	0
2002 January	0	0	0	0	3875	5454	86327				
2002 February	0	0	0	0	3875	5454	86327				
2002 March	0	0	0	0	3875	5454	86327				
2002 April	0	0	0	0	3875	5454	86327				
2002 May	0	0	0	0	3875	5454	86327				
2002 June	0	0	0	0	3875	5454	86327				
2002 July											
2002 August											
2002 September											
2002 October											
2002 November											
2002 December								0	0	0	0



# Cooper Jal Unit # 420



DHC - ~~3082~~  
3082



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

Betty Rivera

Cabinet Secretary

**Lori Wrotenbery**

Director

Oil Conservation Division

Oil Conservation Division  
1220 S. Francis Drive  
Santa Fe, NM 87505

RE: Proposed:

MC

DHC X

NSL

NSP

SWD

WFX

PMX

Gentlemen:

I have examined the application for the:

SDG Resources Cooper Jal Unit # 420-G-24-24s-36e  
Operator Lease & Well No. Unit S-T-R API # 30-025-33458

and my recommendations are as follows:

*OK*

Yours very truly,

*Chris Williams*

Chris Williams

Supervisor, District 1