

DATE 11/8/02	SUSPENSE NA	ENGINEER	LOGGED IN W	TYPE DHC	APP NO. 232346509
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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 \_\_\_\_\_

### [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

RECEIVED

NOV 18 2002

OIL CONSERVATION  
 DIVISION

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 103 A 18 24S 37E Lea  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 193003 Property Code 29159 API No. 30-025-11135 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	2950' to 3430'	
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	new		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.)	P & A Date: Rates: see attached decline 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 % % attach

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 ☐ NA  
NMOCD Reference Case No. applicable to this well: no reference 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

1625 N. French Dr., Hobbs, NM 88240

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-102  
Revised August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- <u>11135</u>	Pool Code 37240	Pool Name <u>Submit</u> Langlie Mattix, <u>7P-Q-G13</u>
Property Code 029159	Property Name Cooper Jal Unit	Well Number 103
OGRID No. 193003	Operator Name SDG Resources	Elevation 3306' GL

<sup>10</sup> Surface Location

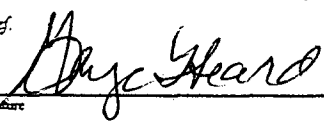
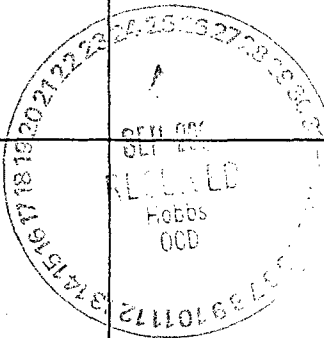
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	18	24S	37E		990	North	990	East	Lea

<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

Dedicated Acres 40	Joint or Infill	Consolidation Code	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

16				990FNL 990 FEL	<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 Gaye Heard Printed Name Agent Title 09/24/02 Date
					<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 belief. Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number

**Well:** COOPER JAL UNIT  
**Operator:** TEXACO EXPLORATION & PRODUCTION INC  
**API:** 3002511135  
**Township:** 24.0S  
**Section:** 18  
**Land Type:** P  
**Range:** 37E  
**Unit:** A  
**County:** Lea

**No.:** 103

**Accumulated:**

**Oil:** 5785 (BBLs)  
**Water:** 1103 (BBLs)  
**Gas:** 7286 (MCF)  
**Days Prodi** 974 (Days)

**Pool Name:** LANGLE MATTX;7 RVRS-Q-GRAYBURG

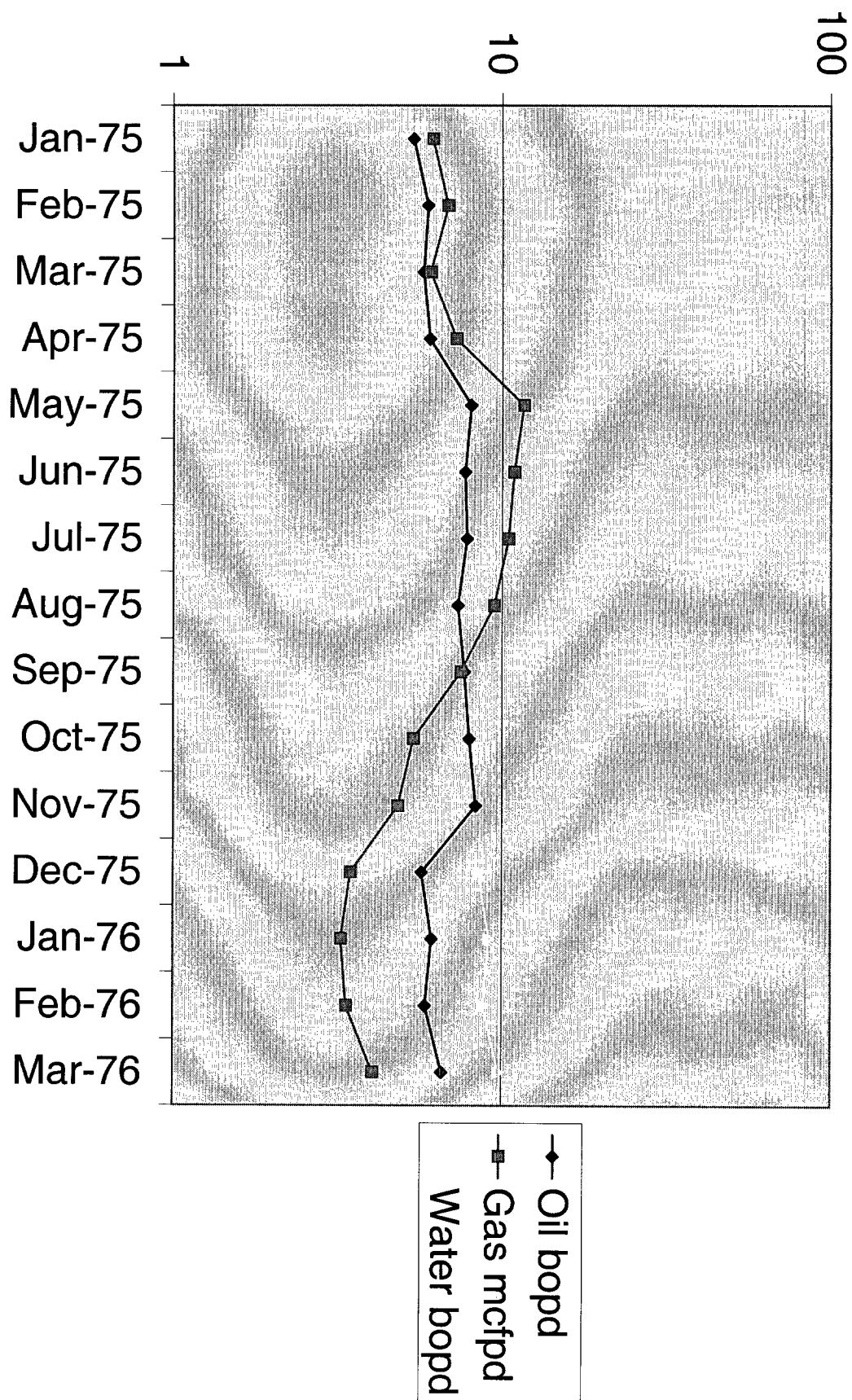
Year:	Month	Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days Produced	Accum. O (BBLs)	Accum. G (MCF)	Accum. W (BBLs)	Total/yr O	Total/yr G	Total/yr W
1973	January	0	0	0	0	0	0	0	0	0	0
1973	February	0	0	0	0	0	0	0	0	0	0
1973	March	0	0	0	0	0	0	0	0	0	0
1973	April	0	0	0	0	0	0	0	0	0	0
1973	May	0	0	0	0	0	0	0	0	0	0
1973	June	0	0	0	0	0	0	0	0	0	0
1973	July	0	0	0	0	0	0	0	0	0	0
1973	August	181	469	0	31	181	469	0	0	0	0
1973	September	145	391	0	30	326	860	0	0	0	0
1973	October	160	295	0	31	486	1155	0	0	0	0
1973	November	144	188	0	30	630	1343	0	0	0	0
1973	December	175	214	0	31	805	1557	0	805	1557	0
1974	January	159	187	0	31	964	1744	0	0	0	0
1974	February	165	231	0	28	1129	1975	0	0	0	0
1974	March	171	264	0	31	1300	2239	0	0	0	0
1974	April	169	270	0	30	1469	2509	0	0	0	0
1974	May	170	259	0	31	1639	2768	0	0	0	0
1974	June	164	263	0	30	1803	3031	0	0	0	0
1974	July	162	299	0	31	1965	3330	0	0	0	0
1974	August	176	243	0	31	2141	3573	0	0	0	0
1974	September	147	182	0	30	2288	3755	0	0	0	0
1974	October	138	172	0	31	2426	3927	0	0	0	0
1974	November	113	135	0	30	2539	4062	0	0	0	0

Pool Name: LANGLEIE MATTIX:7 RVRS-Q-GRAYBURG

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
1974 December	145	172	0	31	2684	4234	0	1879	2677	0
1975 January	166	190	0	31	2850	4424	0			365
1975 February	166	191	0	28	3016	4615	0			
1975 March	178	187	0	31	3194	4802	0			
1975 April	180	217	0	30	3374	5019	0			
1975 May	249	361	0	31	3623	5380	0			
1975 June	231	326	0	30	3854	5706	0			
1975 July	242	324	0	31	4096	6030	0			
1975 August	227	293	0	31	4323	6323	0			
1975 September	230	224	0	30	4553	6547	0			
1975 October	246	166	0	31	4799	6713	0			
1975 November	249	144	0	30	5048	6857	0			
1975 December	176	107	263	31	5224	6964	263	2540	2730	263
1976 January	189	100	283	31	5413	7064	546			365
1976 February	169	97	254	29	5582	7161	800			
1976 March	203	125	303	31	5785	7286	1103			
1976 April	0	0	0	0	5785	7286	1103			
1976 May	0	0	0	0	5785	7286	1103			
1976 June	0	0	0	0	5785	7286	1103			
1976 July	0	0	0	0	5785	7286	1103			
1976 August	0	0	0	0	5785	7286	1103			
1976 September	0	0	0	0	5785	7286	1103			
1976 October	0	0	0	0	5785	7286	1103			
1976 November	0	0	0	0	5785	7286	1103			
1976 December	0	0	0	0	5785	7286	1103	561	322	840

Converted to WIW  
Status: P&A

# Cooper Jal Unit # 103





# 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 Tail Unit # 103-A-18-245-376  
Operator Lease & Well No. Unit S-T-R API # 30-025-11135

and my recommendations are as follows:

*OK*

Yours very truly,

*Chris Williams*

Chris Williams

Supervisor, District 1