

DATE 11/18/02	SUSPENSE NA	ENGINEER	LOGGED IN KW	TYPE DHC	APP NO. 232346673
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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 _____

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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 _____ 11/04/2002
 Print or Type Name Signature Title 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 105 F 18 24S 37E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 193003 Property Code 29159 API No. 30-025-11147 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)	open hole from 3468' to 3820' perfs 2970' to 3468'		
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 & new
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 attached % %

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.

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- 11147	Pool Code 37240	Pool Name 50 mt Langlie Mattix, 7R-Q-GB
Property Code 029159	Property Name Cooper Jal Unit	Well Number 105
OGRID No. 193003	Operator Name SDG Resources	Elevation 3304 GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	18	24S	37E		1980	North	1980	West	Lea

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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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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	1980 FWL				<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p style="text-align: right;"><i>Gaye Heard</i></p> <p>Signature _____</p> <p style="text-align: right;">Gaye Heard</p> <p>Printed Name _____</p> <p style="text-align: right;">Agent</p> <p>Title _____</p> <p style="text-align: right;">09/24/02</p> <p>Date _____</p>
1980 FWL					<p>18 SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>Certificate Number _____</p>

25 26 27 28 29 30 31

1 2 3 4 5 6 7 8 9 10 11 12

13 14 15 16 17 18 19 20 21 22 23 24

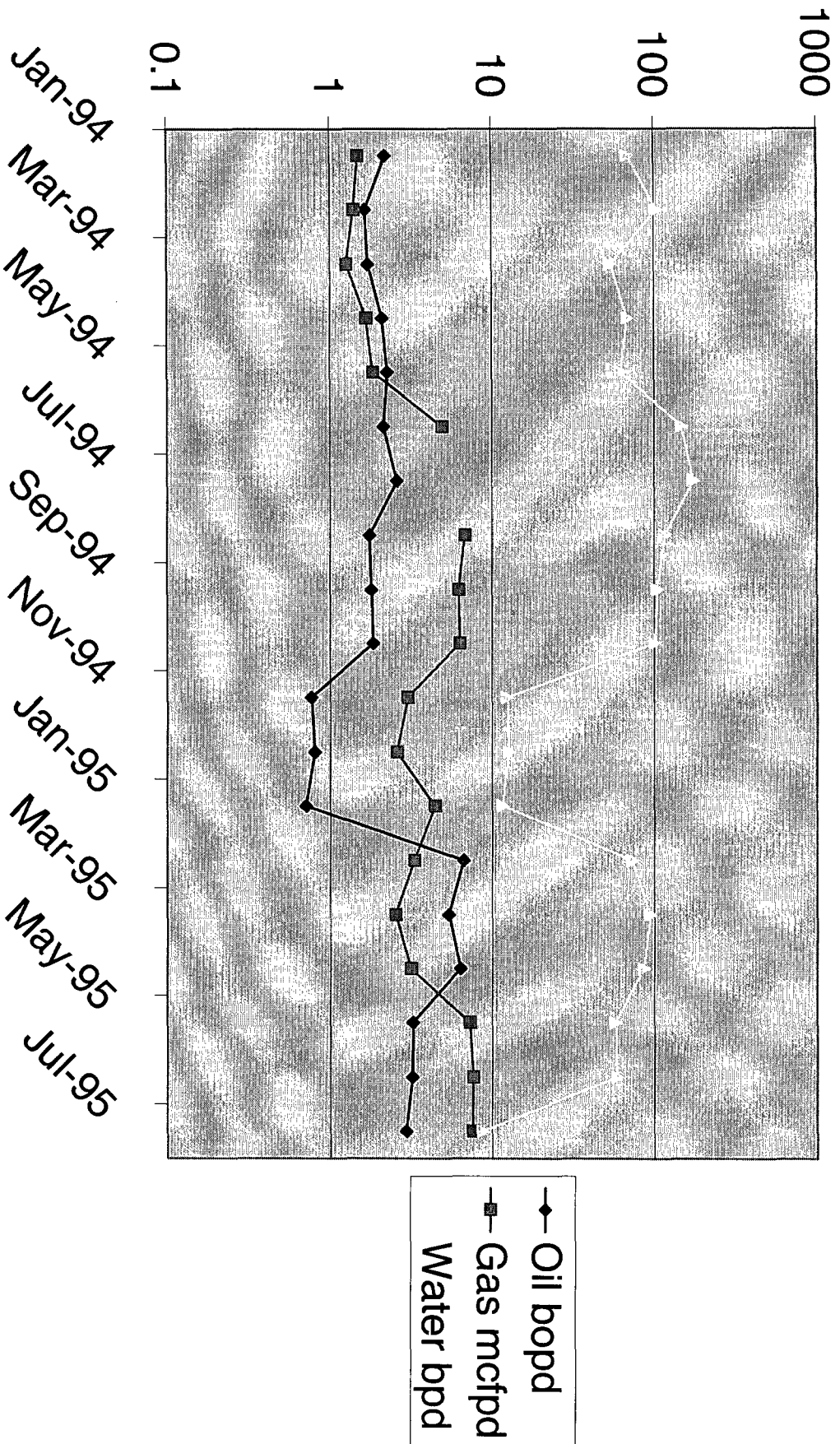
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Hobbs

OCD

Cooper Jal Unit # 105



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

Year: Month

Oil Gas Water Days Accum. Accum. Accum. Total/yr Total/yr Total/yr
(BBS) (MCF) (BBS) Produced O (BBS) G (MCF) W (BBS) O G W

Well: COOPER JAL UNIT No.: 105

Operator: TEXACO EXPLORATION & PRODUCTION INC

API: 3002511147

Township: 24.0S Range: 37E

Section: 18 Unit: F

Land Type: P County: Lea

Accumulated:

Oil: 148573 (BBS) Gas: 90949 (MCF)
Water: 1409524 (BBS) Days Produced: (Days)

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

Year: Month	Oil (BBS)	Gas (MCF)	Water (BBS)	Days Produced	Accum. O (BBS)	Accum. G (MCF)	Accum. W (BBS)	Total/yr O	Total/yr G	Total/yr W
1992 January	132	186	2950	0	132	186	2950			
1992 February	90	34	1849	0	222	220	4799			
1992 March	132	70	2275	0	354	290	7074			
1992 April	98	75	1752	0	452	365	8826			
1992 May	105	68	1503	0	557	433	10329			
1992 June	69	0	1607	0	626	433	11936			
1992 July	71	161	1707	0	697	594	13643			
1992 August	95	150	1264	0	792	744	14907			
1992 September	328	137	2203	0	1120	881	17110			
1992 October	115	73	439	0	1235	954	17549			
1992 November	125	68	1915	0	1360	1022	19464			
1992 December	310	57	3984	0	1670	1079	23448	1670	1079	23448
1993 January	60	124	2103	0	1730	1203	25551			
1993 February	23	68	1623	0	1753	1271	27174			
1993 March	44	83	969	0	1797	1354	28143			
1993 April	94	87	1330	0	1891	1441	29473			
1993 May	83	121	1818	0	1974	1562	31291			
1993 June	81	134	1397	0	2055	1696	32688			
1993 July	55	135	1349	0	2110	1831	34037			
1993 August	29	159	1459	0	2139	1990	35496			

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
1993 September	58	973	2487	0	2197	2963	37983			
1993 October	88	105	1968	0	2285	3068	39951			
1993 November	41	326	2142	0	2326	3394	42093			
1993 December	90	32	2161	0	2416	3426	44254	746	2347	20806
1994 January	68	46	2140	39	2484	3472	46394			
1994 February	46	39	2903	0	2530	3511	49297			
1994 March	53	39	1678	0	2583	3550	50975			
1994 April	63	50	2052	0	2646	3600	53027			
1994 May	70	57	1944	0	2716	3657	54971			
1994 June	64	147	4438	0	2780	3804	59409			
1994 July	80	0	5416	0	2860	3804	64825			
1994 August	54	210	3607	0	2914	4014	68432			
1994 September	9	31	526	0	2923	4045	68958			
1994 October	57	195	3132	0	2980	4240	72090			
1994 November	23	90	371	0	3003	4330	72461	611	981	28586
1994 December	24	77	379	0	3027	4407	72840			
1995 January	22	137	360	0	3049	4544	73200			
1995 February	186	92	2058	0	3235	4636	75258			
1995 March	167	78	2938	0	3402	4714	78196			
1995 April	190	94	2576	0	3592	4808	80772			
1995 May	100	224	1788	0	3692	5032	82560			
1995 June	96	228	1766	0	3782	5260	84326			
1995 July	87	235	2170	0	3782	5260	84326			
1995 August	0	0	0	0	3782	5260	84326			
1995 September	0	0	0	0	3782	5260	84326			
1995 October	0	0	0	0	3782	5260	84326			
1995 November	0	0	0	0	3782	5260	84326			
1995 December	0	0	0	0	3782	5260	84326	761	853	11486



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* # *105-F-18-24s-37e*
Operator Lease & Well No. Unit S-T-R API # *30-025-11147*

and my recommendations are as follows:

OK
KZ

Yours very truly,

Chris Williams

Chris Williams

Supervisor, District 1