5	belos	
4	•District•I	
	1625 N. French Drive, H	obbs_NM 8824

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 Fc, NM 87505

UHC State of New Mexico Energy, Minerals and Natural Resources Department

WJ

WJ05157 4257 Form C-107A Revised June 10, 2003

Oil Conservation Division

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

APPLICATION TYPE Yes_Single Well Yes_Establish Pre-Approved Pools **EXISTING WELLBORE** _X_Yes ___No

APPLICATION FOR DOWNHOLE COMMINGLING

SDG Resou	rces	P. O. Box 1390	Montrose, CO 8402HC-3	\$9)
Operator	Cooper Jal Unit	# 227 Oil	Address D 24 24-S 37-E	Lea
Lease		Well No.	Unit Letter-Section-Township-Range	County

OGRID No. 193003_Property Code_10917____ API No._30-025-11291_Lease Type: X_Federal __State __ Fee

	CR ZONE		RMEDIA	ATE ZONE		LOWER ZONE
JA	LMAT O(L					LANGLIE MATTIX でい
					5	7240
3,046	5'-3,330'					3,330'-3,790'
Pu	mping					
35.7 I	Degree API					35.7 Degree API
Proc	lucing					Shut In
		Date: Rates:			Date: Rates:	
Oil	Gas	Oil			Oil	Gas 29 %
	3,040 3,040 Pu 35.7 I Proc Date: 11/ Rates: 6/5 Oil	33820 3,046'-3,330' Pumping 35.7 Degree API Producing Date: 11/15/04 Rates: 6/5/40 Oil Gas	336 3 3,046'-3,330' Pumping 35.7 Degree API Producing Date: 11/15/04 Date: 6/5/40 Oil Gas Oil Gas	33820 3,046'-3,330' Pumping 35.7 Degree API Producing Date: 11/15/04 Rates: 6/5/40 Gas Oil	33820 3,046'-3,330' Pumping 35.7 Degree API Producing Date: 11/15/04 Rates: 6/5/40 Gas Oil Gas	JALMAT c { L 3 JALMAT c { L 1 Jate: 11/15/04 1 Date: 11/15/04 1 Rates: 6/5/40 1 Oil Gas 0il Gas

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?	Yes_	_x	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?	2005	_x	No
Will commingling decrease the value of production?	Mar I		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?	20es_		No_X
NMOCD Reference Case No. applicable to this well:	PM		
Attachments:	هسمو		
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.	15		
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

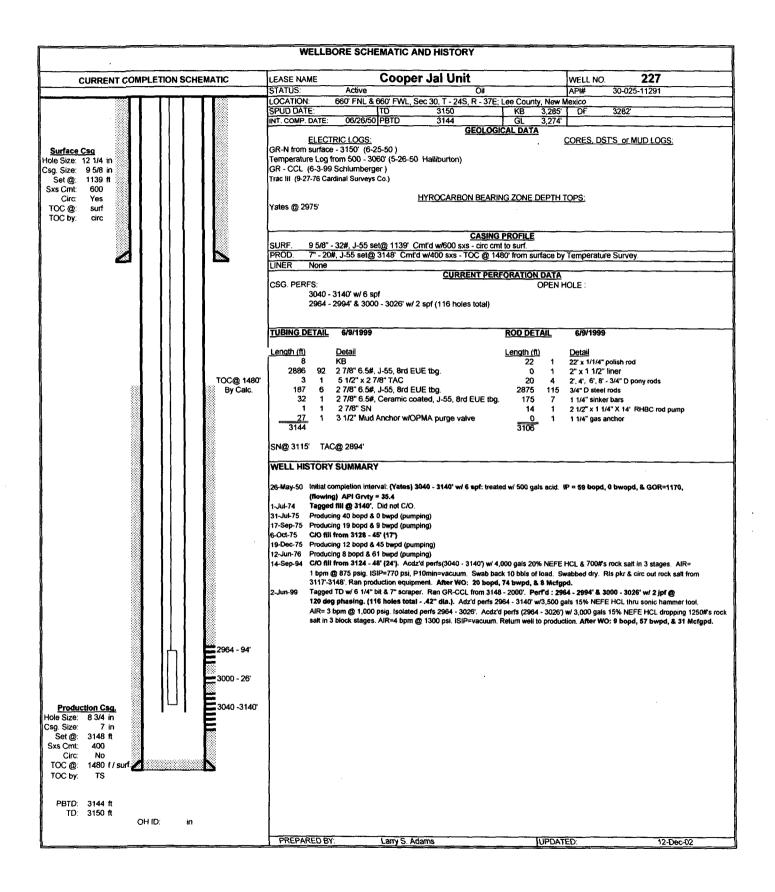
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottomhole pressure data.

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

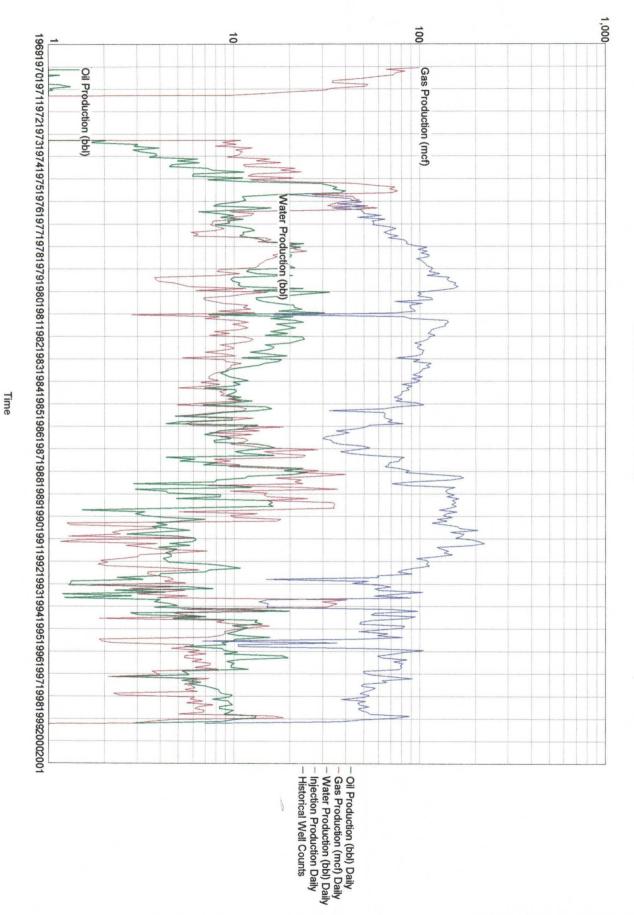
SIGNATURE Cominge Carines	_TITLE _Sr. Petroleum Engineer	DATE 05/12/2005

TYPE OR PRINT NAME_Domingo Carrizales___TELEPHONE NO. (__432__)_580-8500

E-MAIL ADDRESS_domingo@sdgresources.com_



1 - 3



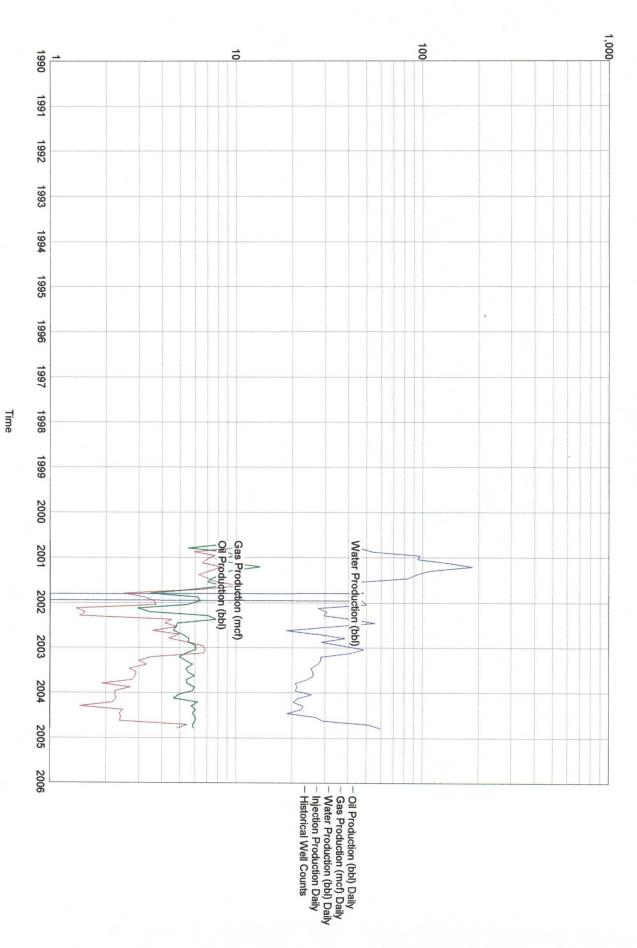
COOPER JAL UNIT - JALMAT

Lease Name: COOPER JAL UNIT #227 County, State: LEA, NM Operator: SDG RESOURCES LIMITED PARTNERSHIP Field: JALMAT Reservoir: TANSILL-YATES-SEVEN Location: 30 24S 37E

Rate

Lease Name: COOPER JAL UNIT # 227 County, State: LEA, NM Operator: SDG RESOURCES LIMITED PARTNERSHIP Field: JALMAT Reservoir: TANSILL-YATES-SEVEN Location: 30 24S 37E

COOPER JAL UNIT - JALMAT



Rate

* >

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

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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

A	API Number	r	² Pool (Code Jalm	at: -	³ Pool Name									
3	0-025-11291			11	720	JALMAT: Tansill, YATES, 7RVRS						JALMAT: Tansill, YATES, 7RVRS			
⁴ Property Code	10917			- 57	Propert	y Name			⁶ Well Number						
		_			Cooper J	al Unit			227						
⁷ OGRID No.	193003				⁸ Operato	r Name			⁹ Elevation						
		SDG Resou	irces L. P.	· .	P. O. B	ox 1390	Montrose, CO	81402	3,285' G. L						
					¹⁰ Surface	e Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County						
D	30	248	37E		660	NORTH	660	WEST	Lea						
		••	¹¹ Bo	ottom Ho	le Location	If Different Fro	m Surface	·							
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County						
¹² Dedicated Acres	s ¹³ Joint o	r Infill ¹⁴ Con	solidation	Code ¹⁵ Or	der No.		1	l							

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

³⁰ 660 '		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein
		is true and complete to the best of my knowledge and
		belief.
		Demingo Carrigates
		Domingo Carrizales Printed Name
		Sr. Petroleum Engineer domingo@sdgresources.com
		Title and E-mail Address
		05/13/05
		Date
		¹⁸ 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
	L	

District 1 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

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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

	API Numbe 0-025-11291		² Pool Code Langlie Mattix: <u>37240</u>			³ Pool Name LANGLIE MATTIX:, 7RVRS, Queen, Grbrg					
⁴ Property Code	e 10917		L			ty Name Jal Unit	⁶ Well Number 227				
⁷ OGRID No.	D No. 193003 SDG Resources L. P. P. O. Box 1390 Montrose, CO 81402						81402	⁹ Elevation 3,285' G. L			
				·····	¹⁰ Surfac	e Location					
UL or lot no. D	Section 30	Township 24S	Range 37E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 660	East/West line WEST	County Lea		
	<u> </u>	<u></u>	¹¹ Bo	ottom Ho	le Locatior	If Different From	m Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the		Feet from the	East/West line	County		
¹² Dedicated Acre	s ¹³ Joint a	r Infill ¹⁴ Con	solidation	Code ¹⁵ Or	der No.		L				

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

30 A GGO		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein
		is true and complete to the best of my knowledge and
		belief.
600'		Dominge Carregales
		Domingo Carrizales
		Sr. Petroleum Engineer domingo@sdgresources.com
,		Title and E-mail Address
		05/13/05
		Date
		¹⁸ 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

District L 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

Copy

Form C-101 Revised June 10, 2003

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

□ AMENDED REPORT

APPL	ICATI	<u>ON FOI</u>				RE-E	<u>ENTE</u>	<u>r, Di</u>	EEPEN	N, PLUG			D A ZONE
		·	¹ Operator Name	and Addre	ess						² O	GRID Numbe 193003	r
SDG Resources L. P. P. O. Box 1390								³ API Number					
		CO 81402								30 - 02	25-11291		
	rty Code					roperty N		-				⁶ We	ll No.
	10917					oper Jal						22	27
					<u> </u>	rface 1	Locat	ion					
UL or lot no	Section	Township	Range	Lot	idn	Feet from	n the	North/S	outh line	Feet from the	ne Ea	ast/West line	County
D	30	24-S	37-Е			660)	NO	RTH	660 ·		WEST	Lea
		I	⁸ Proposed	Botton	hole	Locat	ion If	Diffe	rent Fr	om Surfa			
UL or lot no.	Section	Township	Range	Lot	1	Feet from			South line	Feet from the	1	ast/West line	County
												uu	
		9	Proposed Pool 1							10	"Proposed	Pool 2	
·····		JALN	1AT - 2,963'-3,3	50'						LANGLI	E MATTIX	- 3,350'-3,790'	
			¹² Well Type Co		T	¹³ Cable/	D - 4			1 T		15 0	
	Type Code N		0			F	٢.			¹ Lease Type Co FEE		¹⁵ Ground Level Elevation 3,314' K. B.	
	lultiple No		¹⁷ Proposed Dep 3,790'	th	TNSL-	¹⁸ Form YTS-7RV		RBRG	GREAT				²⁰ Spud Date Orig 6/15/50
· · · · · · · · · · · · · · · · · · ·			21	Propos	sed Ca								
Hole S	ize	Cas	ing Size		g weight/1			Setting D			of Cemen	t	Estimated TOC
		1			00								
		1											
<u> </u>											<u> </u>		
²² Describe t	he propose	d program. I	f this application	is to DEE	PEN or P	LUG BA	CK, giv	e the dat	a on the p	oresent produc	tive zone a	and proposed	new productive zone.
Describe the	blowout pr	revention pro	gram, if any. Us	e addition:	al sheets i	f necessa	ıry.						
Objectives: I	Deepen Jahr	nat producer.	run 5 ½" liner a	nd comple	te as a DI	HC (Jalm	at/Lang	lie Matti	x) produc	er. Acidize an	d Fracture	Stimulate.	
L. Use Sentin	al Manual	BOP rated at	5,000 psig.										
2. Deepen we	Il from 3,1	50' to 3,790'											
3. Acidize Ta	ansill, Yate	s, 7-Rivers, a	ind Queen zones	with 3,000) gallons a	and Fract	ure Stin	nulate wi	ith 90,000	# 12/20 mesh	sand.		
4. Down hole	e comming	le Jalmat and	Langlie Mattix	zones.							·		
²³ I hereby certify that the information given above is true and complete to the									OILC	CONSER	VATIO	N DIVIS	ION
best of my knowledge and belief.													
Signature:	Jon	ringe	lang	alla			Appro	ved by:					
Printed name	Domin	ngo Carrizale		····			Title:						
Title:	Sr. Pet	troleum Engi	neer		···· ·		Appro	val Date:			Expira	ation Date:	
E-mail Addre	ss: domin	go@sdgreso	urces.com										
Date: 5/13/05 Phone: 432-580-8500							Condit	ions of A	pproval:				

Attached 🛛

Submit 3 Copies To Appropriate District Office	State of New M		COTT	Form C-103
District 1 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Nat	tural Resources	WELL API NO.	May 27, 2004
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATIO	N DIVISION		30-025-11291
District III	1220 South St. Fra		5. Indicate Type of STATE	FLease FEE [FED]
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM	87505	6. State Oil & Gas	
1220 S. St. Francis Dr., Santa Fe, NM 87505			NM 12	.612
	ICES AND REPORTS ON WELL		7. Lease Name or I	Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLI			LC0325928	R
PROPOSALS.)	Gas Well 🗌 Other Injec	tor		Cooper Jal Unit 227
2. Name of Operator			9. OGRID Number	r 193003
-	SDG Resources L. P.			
3. Address of Operator	P. O. Box 1390 Montrose, CO 81402		10. Pool name or V Tansill, Yates & 7-	-
	Monuose, CO 01402			
4. Well Location				
Unit LetterD	;660_feet from theNORTH_	line and660	feet from the	_WESTline
Section 30	Township 24S	Range 37E		EA County
the second second	11. Elevation (Show whether D 3,285'			
Pit or Below-grade Tank Application				
Pit type_DIRTDepth to Groundwater_	_130 feetDistance from nearest fresh	water well_>1000 feet_	Distance from nearest su	rface water_>1000 feet
Pit Liner Thickness: 12 mil	Below-Grade Tank: Volume 200	bbls; Constructio	n Material Synthetic	
12. Check	Appropriate Box to Indicate	Nature of Notice,	Report or Other I	Data
NOTICE OF IN	ITENTION TO:	SUB	SEQUENT REP	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WOR	к 🗋 /	
		COMMENCE DRI		PANDA
PULL OR ALTER CASING OTHER: Deepen, Acidize and Fra		CASING/CEMEN	ГЈОВ []	L-1
13. Describe proposed or com	oleted operations. (Clearly state al	l pertinent details, and		
	ork). SEE RULE 1103. For Multi	ple Completions: At	tach wellbore diagran	n of proposed completion
or recompletion. Objective: Deepen producer to	3,790', run 5 1/2" liner, acidize, an	d fracture stimulate.	Complete as DHC pro	oducer.
			,	
 MIRU Pulling Unit. POOH wi RIH w/ 6 1/8" bit & 12 - 3 ½" 	th rods, pump and tubing string. drill collars on 2 7/8" work string.	Deepen well to new	TD at 3 790'	
	U Wireline Company. Run Compe			
4. RIH w/ 5 ¹ / ₂ " liner from 3,790'		-		
	vork string to 2,860'. Set packer. 90'); perfs: Yates (2,964'-3,140'),	with 4 000 gallons 15	% NEEE HCl acid di	verting with rock calt
 Fracture stimulate open hole (3) 	3,148'-3,790') & Yates Perfs (2,96	64'-3,140') with 100,0	000# 12/20 mesh sand	d in 4 stages, diverting
with rock salt.		0 1/221		
	ressure depletes. POOH and lay do sand bailer on 2 7/8" work string.			
10. RIH 2 7/8" production string, J	oump and rods. Place well on prod	uction. Turn over to c	operations.	
11. Fold Pit Liner inward, cover w	ith 20 mil liner and cover with top	soil. File Form C144	with NMOCD.	
I hereby certify that the information	above is true and complete to the	best of my knowledge	and belief. I further	certify that any pit or below-
grade tank has been/will be constructed o	r closed according to NMOCD guideline	s 🗷, a general permit 🗌] or an (attached) alterna	itive OCD-approved plan 🔲.
SIGNATURE Lonwige (anifales	_Senior Petroleum E	ngineer	DATE_05/13/05
Type or print name	V E-mail address	: Domingo@sdgresou	rces.com Telephor	ne No. 432-580-8500

Type or print name For State Use Only

APPROVED BY:_____ Conditions of Approval (if any): .