

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

State of New Mexico Energy Minerals and Natural Resources

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	<u>ICATI</u>	ON FOR		TO DRILI	L , RE -	ENTE	R, DI	<u>EEPEN</u>	I, PLUGB	ACK, O	R ADI	D A ZONE	
Operator Name and Address SDG Resources L. P.								•	² OGRID Number 193003				
	P. O. Box 1390								³ API Number				
M	ontrose,	CO 81401							30 – 025	-11140			
³ Prope	³ Property Code 1 0917 29159				⁵ Property Cooper Ja	l Unit					⁶ Well 117		
				$\frac{7}{\text{S}}$	urface	Locat	ion						
UL or lot no Section To		Township	Range	Lot Idn	Lot Idn Feet fro		from the North/Soc 560 SOUT		Feet from the	East/We	st line	County	
N	N 18 24-S		37-E						TTH 1980		ST	Lea	
			8 Proposed	Bottom Hol	e Loca	tion If	Diffe	rent Fro	om Surface	<u> </u>	<u>_</u>		
UL or lot no.	1 1		Range	Lot Idn		i		outh line	Feet from the	East/We	st line	County	
		9 I	Proposed Pool 1		<u> </u>				¹⁰ P	roposed Pool	<u></u>		
		JALM	AT – 2,970°-3,40	00'					LANGLIE I	MATTIX – 3,40	0'-3,750'		
11 Work	Type Code		12 Well Type Co						Lease Type Code	ease Type Code FEDERAL		15 Ground Level Elevation 3,320° K. B.	
I	16 Multiple No		¹⁷ Proposed Dep 3,750'	ed Depth		R mation 5-7RV-OU	DI CDEATE		19 Contractor BASIN WELL SERVICE		²⁰ Spud Date		
				Proposed C						RVICE	On	ig 11/04/48	
Hole S	Hole Size Casing Size Casing weight/foot					1				Sstimated TOC			
1		I	ı										
Condit	ions of a	nnroval: I	Approval to o	lo Remedial w	ork —								
to the	Langlie N	lattix, but	CANNOT pro	duce Downh	ole _						. 4. 4.		
commi	ingled un	til DHC is	approved fro	m Santa Fe.	_					10	191	128/3/	
									1000	10° 6 65			
22 Describe th	ne proposed	l program. If	this application	is to DEEPEN or	PLUG BA	ACK, give	the data	a on the pr	esent productiv	e zone and pr	oposed ne	w productive zone.	
1				additional sheets						-	- /		
Objectives: D	rill CIBP, l	Deepen Jalma	at producer and o	complete as a DHO	C (Jalmat/	Langlie N	/lattix) p	roducer. A	cidize and Frac	ture Stimulat	e.	$= \frac{1}{2} \left(\frac{1}{2} \right)$	
1. Use Sentina	ıl Manual E	OP rated at :	5,000 psig.					F70 - 100	mit Eynire	s 1 Year	From	Approval	
2. Drill CIBP	at 3,3,18'.	Deepen well	from 3,341' to 3	,750".				P @ ₹	nate Unic	SS Driffit	ag Une	331 AA ar X	
3. Acidize Ta	nsill, Yates	, 7-Rivers, ar	nd Queen zones	with 4,000 gallons	s and Frac	ture Stim	ulate wit	th 120,000	mit Expire Date Unic # 12/20 mesh s	and.	XOV.WA		
4. Down hole	commingle	e Jalmat and	Langlie Mattix z	ones.									
			given above is t	rue and complete	to the			OIL C	ONSERVA	ATION D	IVISIO	ON	
best of my kno	owledge an		Carrie	Pes	į	Approv	ed by:		Rí				
Printed name:		Carrizales	cary			Title:			7/\a				
Title:							Approval Date: Expiration Date:						
E-mail Addres							M,	AY 0 3	2005	DAPILITION L			
Date: 0	4/21/05 8/21/05			2-580-8500		Condition	ons of A	pproval:					
						Attached							

		WELLE	BORE SCHEMATIC AND HISTORY			
CURRENT COMPLETION SCH	EMATIC L	LEASE NAME	Cooper Jal Unit	WELL NO. 117		
CURRENT COMPLETION SCHI Surface Csg Hole Size: 11 in Set @ 320 ft Sxs Cmt: 150 Circ: Yes TOC @ surf TOC by: circ Set @: 3341 ft Sxs Cmt: 500 Circ: No TOC @: 705 ft/surf TOC by: calc	TOC@ 1201' By TS 3058' 8 spf 3078'	LEASE NAME STATUS: LOCATION: SPUD DATE: NT. COMP. DATE: NT. COMP. DATE: SPUD DATE: NT. COMP. DATE: SPUD DATE: NT. COMP. DATE: SPUD DATE: NT. COMP. DATE: OR - 0 3-646 Csg Inspection Log GR-CCL from 3255 Yates @ 2944' Seven Rivers @ 31 Queen @ 3575' SURF. 8 5/8"- PROD. 5 1/2" LINER None CSG. PERFS: 3058 - TUBING DETAIL Length (ft) 2980 97 5 1 1 1 28 1 3119 btm WELL HISTORY 24-Nov-48 Initial or 3119 btm WELL HISTORY 15 Perform 15 And Cylo to 3 Cylo to 4 Cylo to 3 Cylo to 3 Cylo to 4 Cylo to	Cooper Jal Unit Active Oil 660 FSL & 1980 FWL, Sec 18, T - 24S, R - 37E, L TD 3648 11/24/48 PBTD 3268 GEOLOGICA (11-18-48 Lane Wells) 16 from 335 - 1500' (1-16-74 McCullough) 5 - 2800' (4-27-92 Halliburton) HYROCARBON BEARING 187' CASING PF - 24#, J-55 set@ 320' Cmi'd w/150 sxs - circ cmt to s - 14#, J-55 set@ 3341' Cmi'd w/500 sxs - TOC @ 70 CURRENT PERFO 3078' w/8 spf (160 holes) 9/15/2000 Detail 2 3/8" 4.7#, J-55, 8rd EUE tbg. 5 1/2" x 2 3/8" TAC 2 3/8" 57, 8rd EUE tbg. 2 3/8" 3/8" J-55, 8rd EUE tbg. 2 3/8" 3/8" J-55, 8rd EUE tbg. 3 1/2" MA	ROFILE SUIT. S ZONE DEPTH TO S ZONE S ZONE DEPTH TO S	API# 30-025-11140 Mexico DF CORES, DST'S or MUD LOC OPS: CORES, DST'S or MUD LOC OPS: Coulation COLE: 3341 - 3648' Detail 20' x 1 1/4" polish rod w/ 1 1 3/4" rod subs 1' x 3/4" lift rod 2" x 1 1/4" X 18' RHBC bras 1" Gas Anchor 41'-3.620'). 250 sxs cmt @ 700 psi. Dld out 1.8 7 bwpd 36.000#'s 12/20 resin o WC: pmp 0 bopd, 17 bwpd & 8. Illiud entry. Performed scale squ' 1 w production equipment. SWI 3058 - 78' w/-1,000 gals 15% NE 756 mixed w/,55 gals 2% KCL @	2" liner s-chrome pmp s tst. OK. om @ 2800 psi. hasing baled 45 MCFGPD. using 24 hrs. 4 bpm & 1200 psi.
PBTD: 3268 ft	OH Interval 3341 - 3648'				10/20101	3.23 P
TD: 3648 ft	1					

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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

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

District IV

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

					at: 33020		³ Pool Name		Langlie mattin SB
⁴ Property Code 10917 29159					⁵ Property Cooper Ja			⁶ Well Number 117	
⁷ OGRID No.	SDG Res				Name 1390	Montrose, CO	⁹ Elevation 81402 3,320' K. B.		
					10 Surface	Location			
UL or lot no. N	Section 18	Township 24S	Range 37E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 1980	East/West line WEST	County Lea
			11 Bo	ottom Ho	le Location I	f Different From	m Surface	<u> </u>	
JL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Pedicated Acres	s ¹³ Joint o	r Infill 14 Co	onsolidation	Code 15 Or	der No.	<u> </u>			

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 **OPERATOR CERTIFICATION** I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. **Domingo Carrizales** Sr. Petroleum Engineer domingo@sdgresources.com Date ¹⁸SURVEYOR 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