

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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-09636
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	NM 12612
7. Lease Name or Unit Agreement Name	Cooper Jal Unit
8. Well Number	Cooper Jal Unit 126 w
9. OGRID Number	193003
10. Pool name or Wildcat	JALMAT: Tansill, Yates & 7-Rivers; LANGLIE MATTIX: 7-Rivers

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 ☒ **Injector**

2. Name of Operator

SDG Resources L. P.

3. Address of Operator

P. O. Box 1390
Montrose, CO 81402

4. Well Location

Unit Letter G : 1650 feet from the NORTH line and 2310 feet from the EAST line
Section 24 Township 24S Range 36E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,320' KB

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type DIRT Depth to Groundwater 130 feet Distance from nearest fresh water well >1000 feet Distance from nearest surface water >1000 feet

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 200 bbls; Construction Material Synthetic

12. 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 COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Replaced with new IPC tubing. ☒

13. 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 recompletion.

Objective: Replaced with new IPC tubing to repaired Jalmat/Langlie Mattix injector.

1. MIRU Pulling Unit.
2. POOH with 2 3/8" Cement Lined Tubing and 5 1/2" x 2 3/8" Baker Model AD-1 tension packer.
3. RIH with 5 1/2" x 2 3/8" Baker Model AD-1 Tension packer to 2,882'; circulate annulus with inhibited packer fluid.
4. Set packer and test annulus to 500 psig for 30 minutes. Pull chart for NMOCD. 06/09/05
5. Place well on injection at approximately 200 bwpd.
6. Maximum permitted injection pressure is 600 psig.



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 or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

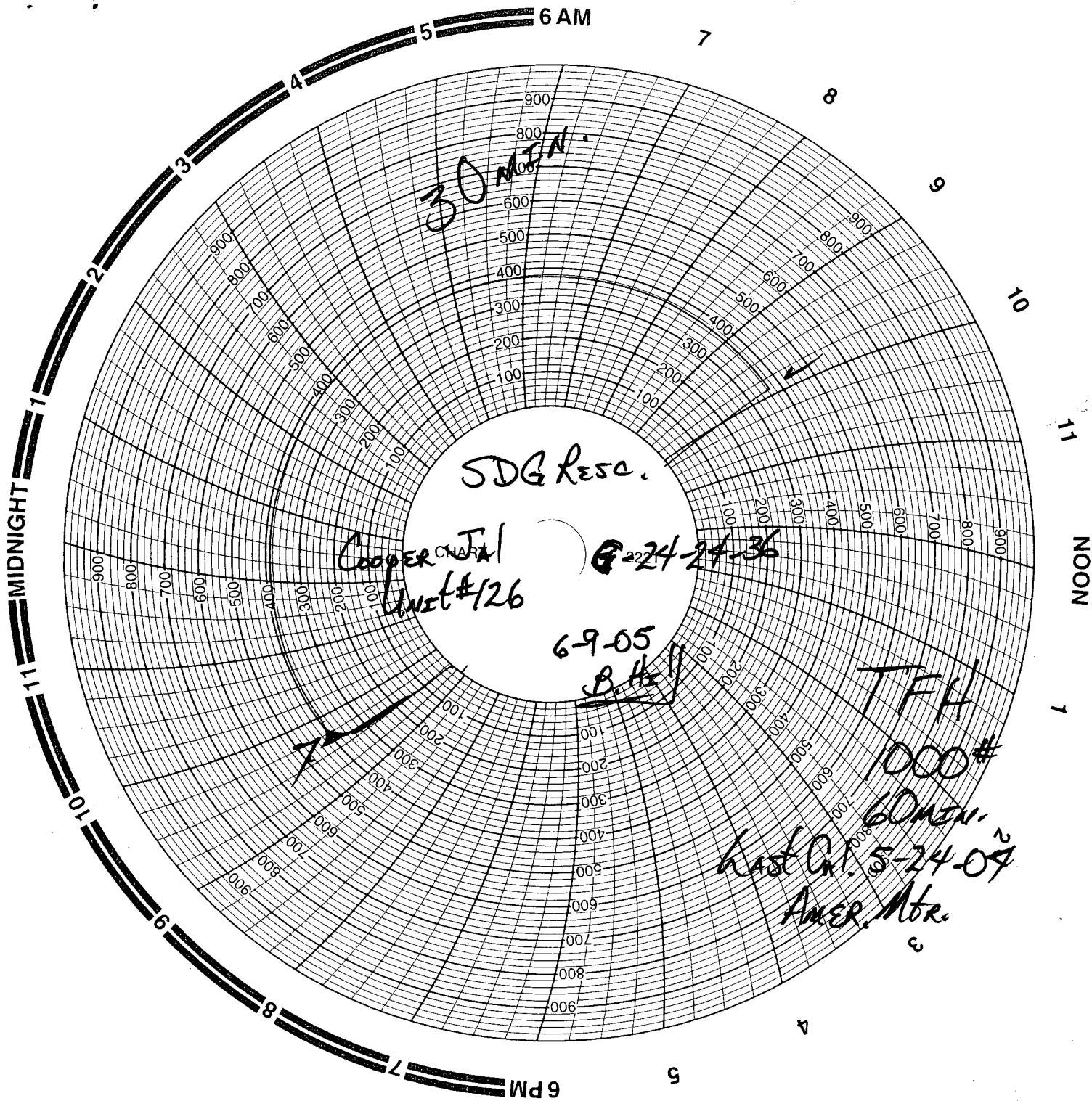
SIGNATURE Domingo Canales TITLE Senior Petroleum Engineer DATE 6/13/05

Type or print name
For State Use Only

E-mail address: domingo@sdgresources.com Telephone No. 432-580-8500

APPROVED BY: Harry W. Wink OC FIELD REPRESENTATIVE II/STAFF MANAGER
Conditions of Approval (if any):

JUN 15 2005



WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME Cooper Jal Unit		WELL NO. 126 W			
<p>Surface Csg Hole Size: 12 1/4 in Csg. Size: 8 5/8 in Set @: 280 ft Sxs Cmt: 125 Circ: Yes TOC @: surf TOC by: circ</p>		STATUS: Active		Water Injector			
		LOCATION: 1650 FNL & 2310 FEL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico					
		SPUD DATE: 05/13/54		TD 3560		KB 3,320' DF	
		INT. COMP. DATE: 05/13/54		PBDT 3560		GL 3,311'	
				GEOLOGICAL DATA		<u>CORES, DSTS or MUD LOGS:</u>	
		ELECTRIC LOGS: GR-N (5-11-54 Schlumberger) GR-CCL ((2-3-87 Rotary Wireline) Injection Profile (4-21-95 Houston, Inc.) <u>HYDROCARBON BEARING ZONE DEPTH TOPS:</u>					
		CASING PROFILE					
		SURF. 8 5/8" - 24#, J-55 set@ 280' Cmt'd w/125 sxs - circ cmt to surf. PROD. 5 1/2" - 14#, J-55 set@ 3470' Cmt'd w/200 sxs - TOC @ 2415' from surf. DV tool @ 1206' - pmp 100 sxs - TOC@ 680' f/ surf by calc. LINER None					
		CURRENT PERFORATION DATA					
		CSG. PERFS:		OPEN HOLE :			
		3022,28,32,41,45,52,57,59,71,75,78,84,86,90, 3102,06		3470 - 3560'			
		12,29,35,51,58,67,90, 3202,17,19,21,23,32, & 34 w/2 spf (60 holes total).					
		TUBING DETAIL		ROD DETAIL			
		Length (ft)		Detail			
		9 KB					
		2870 92 jts - 2 3/8" 4.7#, IPC, J-55, 8rd EUE tbq.					
		3 1- 5 1/2" x 2 3/8" Baker Model AD-1 packer					
		2882 btm					
WELL HISTORY SUMMARY							
13-May-54 Initial completion interval: 3470 - 3560' (7 RVRS/Queen OH). Frac'd w/4,000 gals oil & 6,000#s sand. IP=480 bopd, 0 bwpd & 672 Mcfppd (flowing)							
25-Jun-74 C/O fill from 3530 - 60' (30')							
25-May-75 C/O to TD @ 3560'. Acdz'd w/4,000 gals in 3 stages.							
22-Aug-75 C/O to 3560'. Acdz w/1,500 gals (During job, after RS blocks). Frac w/34,000 gals X-L gel, 30,000#s 20/40 sand & 10,000#s 10/20 sand (3 stages, w/RS blocks, max conc. 1.5 ppg). C/O to 3560'.							
18-Feb-87 C/O LM OH 3470 - 3560' (90' of fill). Set BP @ 3394'. Perf Jalmat 3022,28,32,41,45,52,57,59,71,75,78,84,86,90, 3102,06 3102, 06, 12, 29, 35, 51, 58, 67, 90, 3202,17, 19, 21, 23, 32, & 34 w/2 spf (60 holes total). Acdz'd Jalmat (3022-3234') w/4,000 gals. Frac'd w/ 33,600 gals X-L gel & 50,000#s 12/20 sand (2 equal stages w/ball sealers, max conc. 5 ppg). RIs BP & C/O to 3560'							
11-Jan-89 Tag fill @ 3529'. Did not C/O.							
3-Nov-93 C/O from 3488 - 3560'. Set pkr @ 3394' & acdz OH w/4,200 gals 20% NEFE HCL mixed with 220 gals unichem TW425 mutual solvent. AIR=4 bpm. ISIP=vac. RIH w. pkr on CL tbq. Set pkr @ 2923'. Tst pkr. OK. Notified NMOCCD. Shut-in well.							
19-Dec-93 WELL CONVERTED TO INJECTION - injecting into zones (3022 - 3234' & 3470 - 3560') at 316 bwpm, ISIP=vac.							
17-Sep-97 POOH w/pkr & tbq. Found hole in 3rd jt from surface. Repaired leaking tbq head spacer spool. Ran Sonic Hammer tool with 5,000 gals 15% NEFE HCL & mutual solvent. Ran Baker AD-1 pkr on 93 jts of 2 3/8" CL tbq. Set pkr @ 2905'. Tst pkr. OK. Initiated injection @ 265 bwpm.							
02-Jun-05 POOH w/ pkr & tbq. Could not hydrotest cement lined tubing. RIH with new 2 3/8" IPC tubing and packer to 2,913'. Circulated with 70 bbls of packer fluid. Set packer. MIT annulus to 500 psig for 30 minutes did not test. Set packer at 2,882'. MIT passed. Pulled pressure chart for OCD.							
<p>Production Csg. Hole Size: 7 7/8 in Csg. Size: 5 1/2 in Set @: 3470 ft Sxs Cmt: 300 Circ: No TOC @: 680 f/ surf TOC by: calc.</p> <p>PBDT: 3560 ft TD: 3560 ft</p> <p>OH ID: 4 3/4 in</p>		<p>TOC@ 680' by calc</p> <p>DV Tool @ 1260'</p> <p>TOC@ 2415' By Calc.</p> <p>pkr @ 2882'</p> <p>3022 - 90'</p> <p>3102 - 90'</p> <p>3202 - 34'</p> <p>OH Interval 3470 - 3560'</p>					
		PREPARED BY:		UPDATED:			
		Larry S. Adams		Domingo Carrizales			
				13-Jun-05			