

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.	30-025-11149
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	141560
7. Lease Name or Unit Agreement Name	Cooper Jal Unit
8. Well Number	242 w
9. OGRID Number	193003
10. Pool name or Wildcat	JALMAT: Yates & 7-Rivers.
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3311' KB

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 C : 990 feet from the NORTH line and 1587 feet from the WEST line  
Section 19 Township 24S Range 36E NMPM LEA County

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type DIRT Depth to Groundwater 350 feet Distance from nearest fresh water well >1000 feet Distance from nearest surface water >1000 feet

Pit Liner Thickness: 200 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: Repair Casing leak. ☒

SUBSEQUENT REPORT OF:

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

OTHER: ☐

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.

Repair Casing leak.

1. MIRU PU.
2. Pull out of hole with 2 3/8" IPC tubing and 5 1/2" x 2 3/8" AD-1 packer.
3. Repair casing leak and test to 500 psig.
4. Run in hole with re-dressed AD-1 packer.
5. Hydrotest 2 3/8" IPC tubing in hole.
6. Land packer at 2884'. Circulate annulus with 100 barrels of inhibited packer fluid.
7. Set AD-1 packer with 20,000# tension.
8. Test casing and packer to 500# for 30 minutes. Pull pressure chart for NMOCD.
9. Place well on injection at approximately 350 bwpd.
10. 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 OGD-approved plan ☐.

SIGNATURE Domingo Arizales TITLE Senior Petroleum Engineer DATE 10/13/04

Type or print name

E-mail address: Domingo@sdgresources.com Telephone No. 432-550-7580

For State Use Only

APPROVED BY: Harry W. Wink

OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE OCT 18 2004

Conditions of Approval (if any)

WELLBORE SCHEMATIC AND HISTORY			
<b>CURRENT COMPLETION SCHEMATIC</b>		<b>LEASE NAME</b> Cooper Jal Unit	
		<b>WELL NC 242 WIW</b> (Formerly No. 309)	
<p><b>Surface Csg</b> Hole Size: 12 3/4 in Csg. Size: 10 3/4 in Set @: 300 ft Sxs Cmt: 80 Circ: No TOC @: 20 ft f / surf TOC by: calc</p> <p>TOC @ 1140' By Calc.</p> <p><b>Production Csg.</b> Hole Size: 8 3/4 in Csg. Size: 7 in Set @: 2962 ft Sxs Cmt: 300 Circ: No TOC @: 1140 f / surf TOC by: calc.</p> <p>OH ID: 6 1/4 in OH Interval 2962 - 3191'</p> <p>pkc @ 2884'</p>		<b>STATUS:</b> Active Water Injector	
		<b>LOCATION:</b> 990 FNL & 1587 FWL, Sec 19, T - 24S, R - 37E; Lee County, New Mexico	
		<b>SPUD DATE:</b> TD 3191 KB 3,311' DF	
		<b>INT. COMP. DATE:</b> 07/04/50 PBTD 3191 GL 3,303'	
		<b>ELECTRIC LOGS:</b>	
		<b>CORES, DST'S. or MUD LOGS:</b>	
		<b>GR-N (7-3-50 Lane Wells)</b>	
		<b>HYDROCARBON BEARING ZONE DEPTH TOPS:</b>	
		Yates @ 2985'	
		<b>CASING PROFILE</b>	
		SURF. 10 3/4" - 32#, J-55 set@ 300' Cmt'd w/ 80 sxs - TOC @ 20' from surf by calc.	
		PROD. 7" - 23#, J-55 set@ 2962' Cmt'd w/300 sxs - TOC @ 1140' from surface by calculation.	
		LINER None	
		<b>CURRENT PERFORATION DATA</b>	
		CSG. PERFS: OPEN HOLE : 2962 - 3191'	
		<b>TUBING DETAIL</b> 9/8/1993 <b>ROD DETAIL</b>	
		<b>Length (ft)</b> <b>Detail</b>	
		0.00 KB	
		2881.00 92 jts - 2 3/8" 4.7#, CL, J-55, 8rd EUE tbg.	
		2.90 1- 5 1/2" x 2 3/8" Baker Model AD-1 pkr.	
		2883.90 btm	
		<b>WELL HISTORY SUMMARY</b>	
		04-Jul-50 Initial completion interval: 2962 - 3191' (Yates OH). No stimulation. IP= 66 bopd, 0 bwpd, & 88 Mcf/gpd (flowing)	
		23-Jun-62 Producing 6 bopd, 0 bwpd, & 476 Mcf/gpd	
		04-Nov-75 CONVERTED TO INJECTION: C/O fill from 3050 - 3191' (141'). Ran pkr on 2 3/8" CL tbg. Set pkr @ 2921'. Placed well on injection.	
		01-Sep-93 C/O paraffin, and iron sulfide from 3000 - 3140'. C/O fill to 3191'. Jet was from 3191 - 2692'. Ran pkr on 2 3/8" CL tbg. Set pkr @ 2884'	
		Test csg. OK. Initiated injection - 541 bwpd @ TP=310 psi.	
		<b>PREPARED BY:</b> Larry S. Adams <b>UPDATED:</b> 30-Apr-02	