

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.	30-025-09620
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	205 w
9. OGRID Number	193003
10. Pool name or Wildcat	JALMAT: Tansill, Yates & 7-Rivers; LANGLEIE MATTIX: 7-Rivers & Queen

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

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 DHC

2. Name of Operator
SDG Resources L. P.

3. Address of Operator
P. O. Box 1390
Montrose, CO 81401

4. Well Location
Unit Letter G : 1980 feet from the NORTH line and 1650 feet from the EAST line
Section 24 Township 24S Range 36E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,307' GL

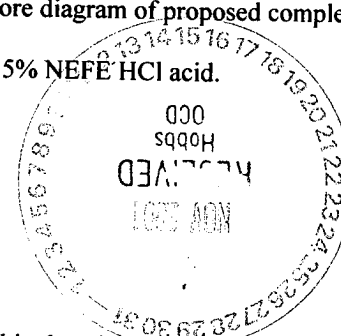
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: Clean out injector with bit and Acidize. <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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: Clean out Jalmat/Langlie Mattix DHC injector w/bit and Acidize with 4,200 gallons 15% NEFE HCl acid.

1. MIRU Pulling Unit.
2. POOH with 2 3/8" IPC tubing and 5 1/2" x 2 3/8" Baker Model AD-1 tension packer.
3. RIH with 4 3/4" bit & 6 - 3 1/2" drill collars on 2 7/8" work string.
4. Clean out well to TD at 3,600'.
5. Wash open hole (2,988'-3,600') with surfactant 2% KCl water using Perf-Clean Tool.
6. Acidize open hole (2,988'-3,600') with 4,200 gallons 15% NEFE HCl acid.
7. POOH with 2 7/8" work string and lay down Perf-Clean Tool.
8. RIH with 5 1/2" x 2 3/8" Baker Model AD-1 Tension packer to 2,960'; circulate annulus with inhibited packer fluid.
9. Set packer and test annulus to 500 psig for 30 minutes. Pull chart for NMOCD.
10. Place well on injection at approximately 260 bwpd.
11. Maximum permitted injection pressure is 600 psig.
12. Fold Pit Liner inward, cover with 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 or closed according to NMOCD guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Domingo Canales TITLE Senior Petroleum Engineer DATE 11/22/04

Type or print name
For State Use Only

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

APPROVED BY: Larry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE NOV 29 2004
Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

Surface Csg

Hole Size: 11 in
Csg. Size: 8 5/8 in
Set @: 300 ft
Sxs Cmt: 125
Circ: Yes
TOC @: surf
TOC by: circ

TOC @ 125'
by calc.

DV Tool @ 1198'

TOC @ 1935'
By Calc.

OH Interval
2988 - 3600'

TOF @ 3040'

PBTD: 3600 ft
TD: 3600 ft

OH ID: 4 3/4 in

Production Csg.

Hole Size: 7 7/8 in
Csg. Size: 5 1/2 in
Set @: 2988 ft
Sxs Cmt: 400
Circ: No
TOC @: 125 f / surf.
TOC by: calc.

pkc @ 2960'

LEASE NAME	Cooper Jal Unit		WELL NO.	205 WIW
STATUS:	Active	Water Injector	API#	30-025-09620
LOCATION:	1980 FNL & 1850 FEL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico			
SPUD DATE:	TD	3600	KB	3,319'
INT. COMP. DATE:	05/06/50	PBTD	3600	GL 3,308'

ELECTRIC LOGS:

Ejecto Log Tracer (3-16-78 Cardinal Surveys Co.)
GR-Compensated Sonic (1-6-94 Halliburton)
GR-DSN-SOL (1-6-94 Halliburton)
GR-DSN-DLL (1-6-94 Halliburton)
Injection Profile (4-27-95 Houston Inc.)

GEOLOGICAL DATA

CORES, DST'S or MUD LOGS:

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 3010'
Seven Rivers @ 3248'

CASING PROFILE

SURF. 8 5/8" - 28#, J-55 set @ 300' Cmt'd w/125 sxs - circ cmt to surf.
PROD. 5 1/2" - 14#, J-55 set @ 2988' Cmt'd w/200 sxs - TOC @ 1935' f / surf by calc. DV tool @ 1198' - pmp 200 sxs - TOC @ 125' f / surf by calc.
LINER None

CURRENT PERFORATION DATA

CSG. PERFS:

OPEN HOLE :
2988 - 3600'

TUBING DETAIL

01/11/94

ROD DETAIL

Length (ft)	Detail
0.00	KB
2957.00	91 jts - 2 3/8" 4.7#, CL, J-55, 8rd EUE tbg.
3.00	1-5 1/2" x 2 3/8" Baker Model "A-1" packer
2960.00	btm

WELL HISTORY SUMMARY

6-May-50 Initial completion 2988 - 3251' (Yates OH). No stimulation. IP=48 bopd, 0 bwpcd, & 61 Mcfgpd (flowing)
4-Dec-54 C/O fill from 3054 - 3251' (197). Frac'd OH w/ 12,000 gals lse oil carrying 16,000#s sand. After WO: 51 bopd, 0 bwpcd, & GOR=4379
14-Feb-61 Placed well on rod pump system.
1-Apr-62 Cumulative Production=111,613 Bo & 572,309 Mcfg
21-Sep-71 CONVERTED TO INJECTOR: C/O fill to 3251'. Ran pkc on 2 3/8" CL tbg. Set pkc @ 2927'. Initiated injection.
16-Mar-78 Ran injection profile. Tagged fill @ 3177' (74'). No C/O.
7-Oct-84 Tagged fill @ 3063' (188').
15-Oct-86 C/O fill from 3058 - 3251' (193). Jetwash OH. Act'd OH w/4,000 gals 15% NEFE HCL using 1,000#s rock salt in 2 equal stages. AIR=5 bpm @ 970 psi. ISIP=730 psi, P15min=210 psi. RIH w/pkc on new 2 3/8" CL tbg. Set pkc @ 2955'. Tst csg. OK. Return to injecti
20-Dec-93 Deepened well to 3600' w/ 4 3/4" bit. Act'd OH (2988 - 3600') w/8,400 gals 20% NEFE HCL in 5 stages using a total of 5,000#s rock salt between stages. AIR=5.5 bpm @ 1090 psi. ISIP=920 psi, P15min=690 psi. Ran pkc on 2 3/8" CL tbg. Initiated injection @ 171 bwpcd @ 450 psi.
14-Feb-02 Tag TD using SL unit (1 1/4" x 5' sinker bar). Tag fill @ 3040' (560' of fill).

PREPARED BY:

Larry S. Adams

UPDATED:

04-May-02