

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.	30-025-09630
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	203 w
9. OGRID Number	193003
10. Pool name or Wildcat	JALMAT: Tansill, Yates & 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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Injector	
2. Name of Operator	SDG Resources L. P.
3. Address of Operator	P. O. Box 1390 Montrose, CO 81401
4. Well Location	
Unit Letter <u>E</u> : 1980 feet from the NORTH line and <u>760</u> feet from the WEST line	
Section <u>24</u> Township <u>24S</u> Range <u>36E</u> NMPM LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3,345' KB
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type <u>DIRT</u> Depth to Groundwater <u>130'</u> Distance from nearest fresh water well <u>>1000</u> feet Distance from nearest surface water <u>>1000</u> feet	
Pit Liner Thickness: <u>12</u> mil Below-Grade Tank: Volume <u>200</u> bbls; Construction Material <u>Synthetic</u>	

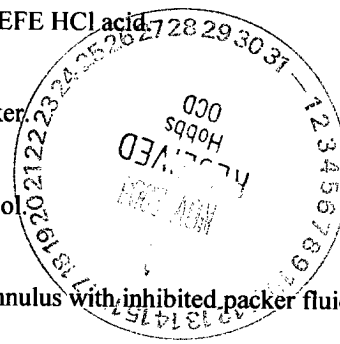
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

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 injector w/bit and Acidize with 3,000 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 1/4" bit & 6-3 1/2" drill collars on 2 7/8" work string.
4. Fish 1 1/4" x 5' sinker bar and clean out well to TD at 3,195'.
5. Wash open hole 3,001'-3,195' with surfactant 2% KCl water using Perf-Clean Tool.
6. Acidize open hole 3,001'-3,195' with 3,000 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 2,991'; 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.



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 Carvajal TITLE Senior Petroleum Engineer DATE 11/10/04

Type or print name
For State Use Only

E-mail address: Domingo@sdgresources.com Telephone No. 462-550-7580

APPROVED BY: Larry W. Wink TITLE DATE
Conditions of Approval (if any):

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

LEASE NAME	Cooper Jal Unit		WELL NO.	203 W
STATUS:	Active	Water Injector	AP#	30-025-09630
LOCATION:	1980 FNL & 760 FWL, Sec 24, T - 24S, R - 36E; Lee County, New Mexico			
SPUD DATE:	10/05/51	TD	3195	KB 3,345' DF
INT. COMP. DATE:	10/21/51	PBTD	3195	GL 3,334'

GEOLOGICAL DATA

ELECTRIC LOGS:

CORES, DSTS or MUD LOGS:

GR-N (10-1-51 Lane Wells)

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 3030'

CASING PROFILE

SURF. 8 5/8" - 29.75#, J-55 set @ 309' Cmt'd w/150 sxs - circ cmt to surf.
 PROD 5 1/2" - 14# J-55 set @ 3031' Cmt'd w/850 sxs - cmt circ to surface
 LINER None

CURRENT PERFORATION DATA

CSG. PERFS:

OPEN HOLE:

3031 - 3195'

TUBING DETAIL 4/10/1991

ROD DETAIL

Length (ft)

Detail

0.00 KB

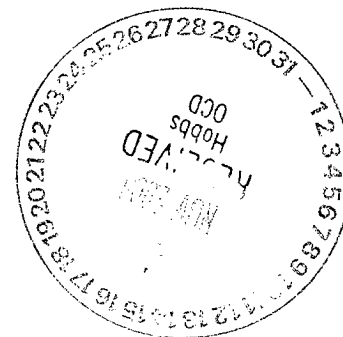
2988.00 96 jts - 2 3/8" 4.7#, CL, J-55, 8rd EUE tbg.

3.00 1 - 5 1/2" x 2 3/8" Baker Model "A-1" packer

2991.00 btm

WELL HISTORY SUMMARY

04-Oct-51 Initial completion 3031 - 3195' (Yates OH). Hydrafrac OH w/1,5000 gals kerosene, 500#s Nuogel Napalm, & 400#s Ottawa sand. IP=254.6 bopd & 0 bwpd (flowing). API gravity=37.5
 28-Jul-90 C/O fill from 3058 - 3190' (42). Ran pkr on 2 3/8" tbg. Set pkr @ 2949'. Initiated injection @ 395 bwpd, TP=850 psi.
 10-Apr-91 Ran new pkr & 2 3/8" CL tbg. Set pkr @ 2991'. Tst csg to 300 psi. Good tst. Placed well on injection.
 14-Feb-02 Tag TD using SL unit (1 1/4" x 5' sinker bar). Tag fill @ 3036' (154' of fill). Sinker bar stuck @ 3036' & left in hole. TOF @ 3031'.



Surface Csg

Hole Size: 11 in
 Csg. Size: 8 5/8 in
 Set @: 309 ft
 Sxs Cmt: 150
 Circ: Yes
 TOC @: surf
 TOC by: circ

Production Csg.

Hole Size: 7 7/8 in
 Csg. Size: 5 1/2 in
 Set @: 3031 ft
 Sxs Cmt: 850
 Circ: Yes
 TOC @: surface
 TOC by: circ

pkf @ 2991'

TOF @ 3031

1 1/4" x 5' sinker bar

Fill

OH Interval
 3031 - 3195'

PBTD: 3195 ft
 TD: 3195 ft

OH ID: 4 3/4 in

PREPARED BY: Larry S. Adams

UPDATED: 17-May-02