

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.	30-025-11153
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	NM 0321613
7. Lease Name or Unit Agreement Name	Cooper Jal Unit
8. Well Number	124 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 ☐ Gas Well ☐ Other ☒ 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 C : 660 feet from the NORTH line and 1917 feet from the WEST line
Section 19 Township 24S Range 37E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,312' 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 COMPLETIONS ☒
OTHER: Re-entry T&A injector & deepen to 3780' and Acidize. ☒

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.

Objective: Re-enter T&A Jalmat injector and deepen to 3,780' w/ 4 3/4" bit and Acidize with 4,200 gallons 15% NEFE HCl acid.

1. MIRU Pulling Unit.
2. 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 3,225'. Drill cement and CIBP at 3225'. Recover junk at 3508' and deepen to 3780'.
5. Perforate Yates (2975'-3204') and 7-Rivers (3210'-3331') at 2 JHPF.
5. Wash perfs 2,975'-3,204', 3210'-3331' and 3380'-3483' with surfactant 2% KCl water using Perf-Clean Tool.
6. Acidize open hole (3,528'-3,780') and perfs (2975'-3483') 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 2,925'; 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 200 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 Carrizales TITLE Senior Petroleum Engineer DATE 3/2/05

Type or print name
For State Use Only

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

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

OG FIELD REPRESENTATIVE II/STAFF MANAGER

APR 04 2005

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

Surface Csg

Hole Size: 12 1/4 in
Csg. Size: 9 5/8 in
Set @: 308 ft
Sxs Cmt: 175
Circ: Yes
TOC @: surf
TOC by: circ

TOC @ 675'

Packer fluid

DV tool @ 1200'

TOC @ 2475'
By Calc.

TOC @ 3225'
CIBP @ 3260'

Production Csg

Hole Size: 7 7/8 in
Csg. Size: 5 1/2 in
Set @: 3528 ft
Sxs Cmt: 300
Circ: No
TOC @: 675 f / surf
TOC by: calc.

Junk in hole @
3508'

PBTD: 3528 ft
TD: 3530 ft

OH ID: in

LEASE NAME

Cooper Jal Unit

WELL NO.

124 W

STATUS:

TA'd

((4-7-99)

Water Injector

API#

30-025-11153

LOCATION:

660 FNL & 1917 FWL, Sec 19, T - 24S, R - 37E, Lee County, New Mexico

SPUD DATE:

TD

3530

KB

3,312'

DF

INT. COMP. DATE:

03/09/56

PBTD

3528

GL

3,301'

ELECTRIC LOGS:

GEOLOGICAL DATA

CORES, DST'S or MUD LOGS:

GR-N from 2900 - 3480' (8-9-56 The Western Co.)

Injection Profile (6-23-73 WACO)

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 2970'

Seven Rivers @ 3206'

CASING PROFILE

SURF. 9 5/8" - 36#, J-55 set@ 308' Cmt'd w/175 sxs - circ cmt to surf.

PROD. 5 1/2" - 15.5#, J-55 set@ 3528' Cmt'd w/200 sxs - TOC @ 2475' from surf. DV tool @1200' - pmp 100 sxs - TOC@ 675' f/ surf by calc.

LINER None

CURRENT PERFORATION DATA

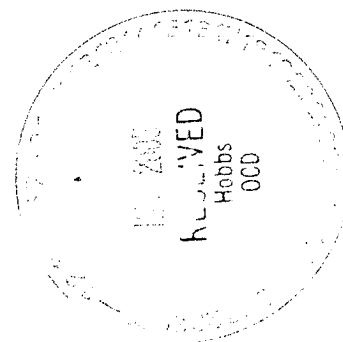
CSG. PERFS: 3380 - 96' w/ 1 spf (17 holes) 3448 - 63' w/ 1 spf (16 holes) OPEN HOLE :
3414 - 32' w/ 1 spf (19 holes) 3470 - 82' w/ 1 spf (13 holes)

TUBING DETAIL

ROD DETAIL

WELL HISTORY SUMMARY

9-Mar-56 Initial Completion: Perf'd Lower 7-Rivers (3448 - 63) w/ 1 spf & 3470 - 82' w/1 spf. Frac'd w/ 10,800 gals & 15,000#s sand. Set RBP at 3440'. Perf'd Upper 7-R 3380 - 96' w/1spf & 3414 - 32' w/1 spf. Frac'd w/ 8,800 gals lse oil & 13,000#s sand. Pulled RBP. IP: 64 bopd, 0 bwpd, & 63 Mcfpd.
22-Jul-71 Converted to Water Injection: Sand pumped frac sand from 3440 - 3508'. RIH w/pkr on 2 3/8" CL tbq. Set pkr @ 3336'. Placed well on injection.
24-Jul-82 Found hole in tbq. Replaced bad tbq.
10-Feb-94 C/O fill rom 3458 - 3508' (on junk at 3508') RIH w/ new 2 3/8" CL tbq and pkr. Set pkr @ 3261'. (bad pkr 1st @ 3328', 3297', & 3294') Return to injection: 502 bwpd @ TP=vacuum
5-Apr-99 Set CIBP @ 3260' & dmp 35' cmt on top. TOC @ 3225'. Circ hole w/ pkr fluid. TA'd well (4-7-99).



PREPARED BY:

Larry S. Adams

UPDATED:

30-Apr-02

APR 04 2005