

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	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,320' 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 G : 1650 feet from the NORTH line and 2310 feet from the EAST line
Section 24 Township 24S Range 36E NMPM LEA County

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 ☐

SUBSEQUENT REPORT OF:

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

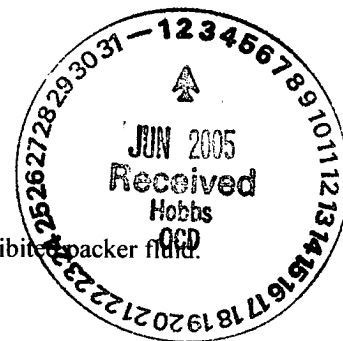
OTHER: Repair tubing, packer or casing leak. Pit Permit Request! ☒

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: Repair tubing, packer or casing leak on Jalmat/Langlie Mattix injector.

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. Clean out well to TD at 3,560'.
5. POOH with 2 7/8" work string and lay down.
6. RIH with 5 1/2" x 2 3/8" Baker Model AD-1 Tension packer to 2,905'; circulate annulus with inhibited packer fluid.
7. Set packer and test annulus to 500 psig for 30 minutes. Pull chart for NMOCD.
8. Place well on injection at approximately 200 bwpd.
9. Maximum permitted injection pressure is 600 psig.
10. 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 Dominique Canales TITLE Senior Petroleum Engineer DATE 6/01/05

Type or print name
For State Use Only

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

OC FIELD REPRESENTATIVE

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

JUN 06 2005

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

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

TOC @ 680'
by calc

DV Tool @ 1260'

TOC @ 2415'
By Calc.

pkc @ 2905'

csg leak @
2941 - 70'

3022 - 90'

3102 - 90'

3202 - 34'

OH Interval
3470 - 3560'

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.

PBTD: 3560 ft
TD: 3560 ft

OH ID: 4 3/4 in

Cooper Jal Unit

WELL NO.

126 W

LEASE NAME

STATUS:

Active

Water Injector

API#

30-025-09636

LOCATION:

1650 FNL & 2310 FEL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico

SPUD DATE:

TD

3560

KB

3,320'

DF

INT. COMP. DATE:

05/13/54

PBTD

3560

GL

3,311'

GEOLOGICAL DATA

ELECTRIC LOGS:

GR-N (5-11-54 Schlumberger)
GR-CCL (2-3-87 Rotary Wireline)
Injection Profile (4-21-95 Houston, Inc.)

CORES, DST'S or MUD LOGS:

HYDROCARBON BEARING ZONE DEPTH TOPS:

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:

3022,28,32,41,45,52,57,59,71,75,78,84,86,90, 3102,06

12,29,35,51,58,67,90, 3202,17,19,21,23,32, & 34 w/2 spf (60 holes total).

OPEN HOLE:

3470 - 3560'

TUBING DETAIL

9/17/1997

ROD DETAIL

Length (ft)

Detail

9.00 KB

2893.00 94 jts - 2 3/8" 4.7#, CPL, J-55, 8rd EUE tbq.

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

2905.00 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 Mcf/gpd (flowing)

25-Jun-74 C/O fill from 3530 - 60' (30')

25-May-75 C/O to TD @ 3560'. Acdd'd w/4,000 gals in 3 stages.

22-Aug-75 C/O to 3560'. Acdd'd 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

12,29,35,51,58,67,90, 3202,17,19,21,23,32, & 34 w/2 spf (60 holes total). Acdd'd Jalmat (3022-3234) w/4,000 gals. Frac w/ 33,600 gals X-L gel & 50,000#s 12/20 sand (2 equal stages w/ball sealers, max conc. 5 ppg). Rts BP & C/O to 3560'.

11-Jan-89 Tag fill @ 3529'. Did not C/O.

3-Nov-93 C/O from 3488 - 3560'. Set pkc @ 3394' & acdd'd OH w/4,200 gals 20% NEFE HCL mixed with 220 gals unichem TW425 mutual solvent.

AIR=4 bpm. ISIP=vac. RIH w. pkc on CL tbq. Set pkc @ 2923'. Tst pkc. 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/pkc & 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 pkc on 93 jts of 2 3/8" CL tbq. Set pkc @ 2905'. Tst pkc. OK. Initiated injection @ 265 bwpm.

PREPARED BY:

Larry S. Adams

UPDATED:

09-Sep-02