

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.	30-025-0965 3
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	241 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>G</u> : <u>1650</u> feet from the <u>NORTH</u> line and <u>1650</u> feet from the <u>EAST</u> line Section <u>25</u> Township <u>24S</u> Range <u>36E</u> NMPM LEA County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,288' KB	
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type <u>DIRT</u> Depth to Groundwater <u>130</u> feet 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>	

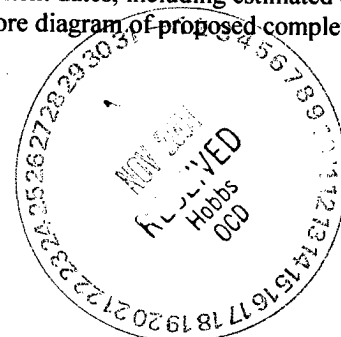
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

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 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 3,316'.
5. Wash open hole (3,003'-3,316') with surfactant 2% KCl water using Perf-Clean Tool.
6. Acidize open hole (3,003'-3,316') 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 2,938'; 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 Cauley TITLE Senior Petroleum Engineer DATE 11/22/04

Type or print name _____ E-mail address: Domingo@sdgresources.com Telephone No. 432-550-7580

For State Use Only

APPROVED BY: Harry W. Wink TITLE _____ DATE NOV 29 2004

Conditions of Approval (if any): _____
OFFICIAL REPRESENTATIVE II/STAFF MANAGER

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

Surface Csg
Hole Size: 11 in
Csg. Size: 8 5/8 in
Set @: 236 ft
Sxs Cmt: 100
Circ: Yes
TOC @: surf
TOC by: circ

Poor csg cond.
268 - 806'
by Insp. Log

DV Tool @ 1132'

TOC @ 1950'
By Calc.

Poor csg cond.
2080'
by Insp. Log

pkc @ 2938'

Top of Fill @ 3002'

**Original
OH Interval**
3033 - 3580'

Hydromite Cmt: 3316 - 3340'
CAL - SEAL 3340 - 3369'
GRAVEL 3369 - 3580'

PBTD: 3316 ft
TD: 3580 ft

OH ID: 4 3/4 in

LEASE NAME

Cooper Jal Unit

WELL NO **241 WIW** (Formerly No. 312)

STATUS:

Active

Water injector

LOCATION:

1650 FNL & 1650 FEL, Sec 25, T - 24S, R - 36E, Lee County, New Mexico

SPUD DATE:

07/01/51 TD

3580

KB

3,298'

DF

INT. COMP. DATE:

08/01/51 PBTD

3316

GL

3,288'

GEOLOGICAL DATA

ELECTRIC LOGS:

GR-N (7-11-54 Schlumberger)

Tracer - Micro Caliper (11-11-76 Cardinal Surveys)

Casing Inspection Log from 2911 - surface(6-30-93 Wedge Wireline)

Yates @ 3005'

HYDROCARBON BEARING ZONE DEPTH TOPS:

CORES, DST'S or MUD LOGS:

CASING PROFILE

SURF: 8 5/8" - 28#, H-40 set @ 236' Cmt'd w/100 sxs - circ cmt to surf.

PROD: 5 1/2" - 14#, H-40 set @ 3003' Cmt'd w/200 sxs - TOC @ 1950' f/surf by calc. DV tool @ 1132' - pmp 200 sxs - TOC @ 50' f/surf by calc.

LINER

CSG. PERFS:

CURRENT PERFORATION DATA

OPEN HOLE:

3033 - 3580'

TUBING DETAIL

7/7/1993

ROD DETAIL

Length (ft)

Detail

10 KB

2926 93 jts - 2 3/8" 4.7#, CL, J-55, 8rd EUE tbq.

3 1- 5 1/2" x 2 3/8" Baker Model AD-1 pkr.

2939 btm

WELL HISTORY SUMMARY

1-Aug-51 Initial completion interval: 3003 - 3580' (Yates/ 7 RVRs OH). No stimulation.
IP= 66 bopd, 0 bwpd, & 0 Mcfgpd (flowing)

22-Aug-54 Plugged back to Jalmat

29-Oct-75 CONVERTED TO INJECTION: C/O fill from 3306 - 3325'. Ran pkr on 2 3/8" CL tbq. Set pkr @ 2929'.

Initiated injection Nov. 1, 1975 @ 300 bwpd, TP=400 psi.

27-May-93 C/O from 3235 - 3316' (81'). Fill was paraffin, iron sulfide, sand and pieces of CIBP. Acid'd OH 3303 - 3316' w/4,200 gals 15% NEFE HCL, 110 gals checker sol plus, 200 bbls (3 chlorine Di-oxon) & 500#s salt generating 2 stages. AIR=38 bpm.

Ran pkr on 2 3/8" CL tbq. Could not get pkr to tst. POOH w/ pkr & tbq. Ran casing inspection log from 2911 - surface.

Found hole in casing @ 769' and poor csg condition 268 - 316', 500 - 560', 769 - 806', & 2080'. Set CIBP @

2930'. RIH w/ open ended tbq. Set 40 sxs plug from 820 - surface & pressure csg to 900 psi. Displaced cmt to 555'.

SIP= 200 psig. WOC. D/O cmt from 489 - 808'. Tst csg to 420 psi. OK. Drid & pushed CIBP to 3312' in OH. Ran pkr on

2 3/8" CL tbq. Set pkr at 2938'. Tst pkr & csg. To 300 psi. OK. Initiated injection @ 118 bwpd, TP=680 psi.

14-Feb-02 Tag TD using SL unit (1 1/4" x 5' sinker bar). Tag fill @ 3002' (314' of fill)

PREPARED BY:

Larry S. Adams

UPDATED:

30-Apr-02

NOV 29 2004