

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
Revised June 10, 2003

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-09651
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 226
9. OGRID Number 193003
10. Pool name or Wildcat JALMAT: 7RVRS, YATES; LANGLIE MATTIX: 7RVRS, QUEEN
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3297' (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 ☒ **DHC Injection Well**

2. Name of Operator
SDG Resources L. P.

3. Address of Operator
P. O. Box 1390
Montrose, CO 81402

4. Well Location
Unit Letter A : 330 feet from the NORTH line and 330 feet from the EAST line
Section 25 Township 24-S Range 36-E NMPM LEA County

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"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: Re-enter T/A Injector & DHC Langlie Mattix & Jalmat <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.

Run in hole with 4 3/4" bit and 6 - 3 1/8" drill collars on 2 7/8" work string.
Drill cement at 2925' and CIBP at 2960'.
Clean out to 3600'.
Pull out of hole and laid down 2 3/8" work string, 6 - 3 1/8" and 4 3/4" bit.
RIH 5 1/2" x 2 3/8" Baker Model AD-1 tension packer.
Hydrotest internally plastic coated 2-3/8" tubing to 6,000 psig..
Circulate with inhibited packer fluid plus 100 barrels of 2 % KCl water.
Set packer at +/- 2890' with 16,000# tension.
Perform mechanical integrity test - test annulus to 500 psig.
Pull pressure chart for OCD filing.
Place well on injection.
Maximum pressure allowed - 600 psig.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Domingo Carrizales TITLE Sr. Petroleum Engineer DATE 8/24/04

Type or print name Domingo Carrizales E-mail address: domingo@sdgresources.com Telephone No. 432-550-7580
(This space for State use)

APPROVED BY Chris Williams OGD DISTRICT SUPERVISOR/GENERAL MANAGER
Conditions of approval, if any:

AUG 27 2004

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

LEASE NAME	Cooper Jal Unit		WELL NO.	226 WIW
STATUS:	TA'd (10-20-2000)	Water Injector	API#	30-025-09651
LOCATION:	330 FNL & 330 FEL, Sec 25, T - 24S, R - 36E, Lee County, New Mexico			
SPUD DATE:	TD	3600	KB	3,297'
INT. COMP. DATE:	05/16/50	PBTD	2925	GL 3,287'

ELECTRIC LOGS:

CORES, DST'S or MUD LOGS:

Ejecto Log Tracer - MicroCaliper (11-9-76 Cardinal Surveys Co.)

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 2995'

CASING PROFILE

SURF. 8 5/8" - 28#, J-55 set @ 310' Cmt'd w/100 sxs - circ cmt to surf.
 PROD. 5 1/2" - 15#, J-55 set @ 2989' Cmt'd w/200 sxs - TOC @ 1935' ft surf by calc. DV tool @ 1137' - pmp 200 sxs - TOC @ 80' ft surf by calc.
 LINER None

CURRENT PERFORATION DATA

CSG. PERFS:

OPEN HOLE:

2989 - 3600'

Isolated below CIBP @ 2960'

TUBING DETAIL

ROD DETAIL

DV Tool @ 1137'

Pkr fluid

TOC @ 1935'
By Calc.

TOC @ 2925'
CIBP @ 2960'

OH Interval
2989 - 3600'

Surface Csg

Hole Size: 11 in
 Csg. Size: 8 5/8 in
 Set @: 310 ft
 Sxs Cmt: 100
 Circ: Yes
 TOC @: surf
 TOC by: circ

Production Csg.

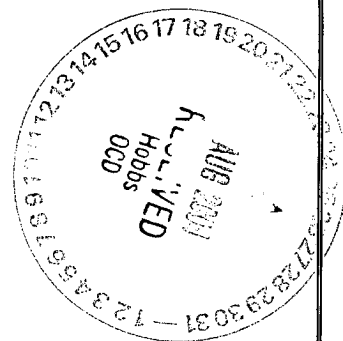
Hole Size: 7 7/8 in
 Csg. Size: 5 1/2 in
 Set @: 2989 ft
 Sxs Cmt: 250
 Circ: No
 TOC @: 80 f / surf.
 TOC by: calc.

PBTD: 2925 ft
 TD: 3600 ft

OH ID: 4 3/4 in

WELL HISTORY SUMMARY

18-May-50 Initial completion interval: (Yates OH) 2989 - 3223'; No stimulation. IP = 88 bopd, 0 bwopd, & 125 Mcf/gpd (flowing)
 29-Dec-68 C/O fill from 3156 - 3214' (58')
 8-Apr-69 C/O fill from 3140 - 3214' (74')
 20-May-71 CONVERTED TO WATER INJECTOR: C/O from 3190 - 3223 (33'). Swedged out 5 1/2" csg at 337', 481', 515', 1064', and 1287'. Ran pkr on 2 3/8" CL tbg. Set pkr @ 2933'.
 9-Nov-76 Ran injection profile - had 220' of fill. Identified 100% injection below 3003'.
 24-Nov-78 C/O fill from 3003 - 3223' (223'). Jet washed from 3223 - 2989'. Encountered tight spot in 5 1/2" csg @ 1287'.
 12-Feb-90 C/O fill to 3,223'.
 15-Jun-95 Deepen to 3600'. Acid'd OH (2989 - 600') w/ 5,000 gals 15% NEFE HCL. Returned well to injection (DHC - Jalmat & Langlie Mattix). Max surface injection pressure = 597 psi.
 17-Oct-00 Set CIBP @ 2960'. Test CIBP & csg to 590 psi. OK. Displace well with pkr fluid. Dmp 35' cmt on top of CIBP @ 2960. PBTD at 2925'. NMOCD representative on location. RD & clean location. Well TA'd 10-20-2000.



PREPARED BY:

Larry S. Adams

UPDATED:

30-Apr-02