

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

**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

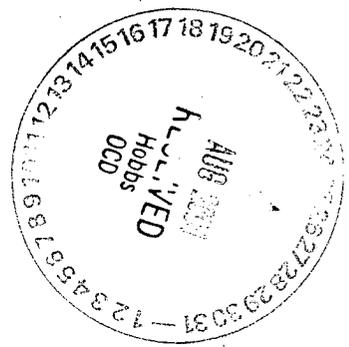
11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 3297' (KB)

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

<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>		
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)

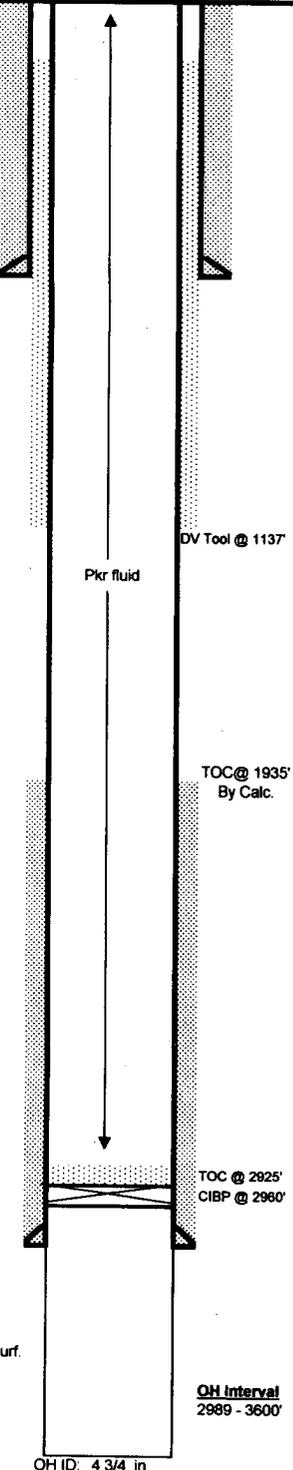
APPROVED BY Chris Williams OGD DISTRICT SUPERVISOR/GENERAL MANAGER  
 Conditions of approval, if any: \_\_\_\_\_ DATE AUG 27 2004

**WELLBORE SCHEMATIC AND HISTORY**

**CURRENT COMPLETION SCHEMATIC**

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

**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

TOC @ 2925'  
 CIBP @ 2960'

**OH Interval**  
 2989 - 3600'

**ELECTRIC LOGS:**

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

**HYDROCARBON BEARING ZONE DEPTH TOPS:**

Yates @ 2995'

**CORES, DST'S or MUD LOGS:**

**GEOLOGICAL DATA**

**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' f/ surf by calc. DV tool @ 1137' - pmp 200 sxs - TOC@ 80' f/ surf by calc.  
**LINER** None

**CURRENT PERFORATION DATA**

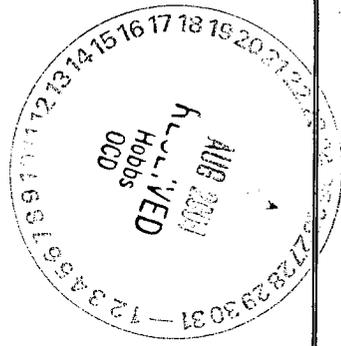
**CSG. PERFS:** OPEN HOLE :  
 2989 - 3600'  
 Isolated below CIBP @ 2960'

**TUBING DETAIL**

**ROD DETAIL**

**WELL HISTORY SUMMARY**

- 18-May-50 Initial completion interval: (Yates OH) 2989 - 3223'; No stimulation. IP = 88 bopd, 0 bwopd, & 125 Mcfgpd (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 & Langile 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