

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. 30-025-09787
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 141560
7. Lease Name or Unit Agreement Name COOPER JAL UNIT
8. Well Number 211
9. OGRID Number 022351
10. Pool name or Wildcat JALMAT: TANSILL, YATES, 7RVRS

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 Inject

2. Name of Operator
SDG Resources L. P.

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

4. Well Location
Unit Letter K : 2310 feet from the SOUTH line and 2310 feet from the WEST line
Section 24 Township 24-S Range 36-E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3313' G. L.

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 COMPLETION ☐

OTHER: Run 4" Flushed Joint Liner to repair casing leak. ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND 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.

Run and cement a 4" 12.75 #/ft, J-55, Flushed Joint Liner to repair casing leak.

1. Pull Jalmat injection string and lay down 5 1/2" x 2 3/8" Baker AD-1 tension packer.
3. RIH with 5 1/2" Composite Bridge Plug on wireline and set at 2,995'.
4. RIH 4" Flushed Joint Liner with float collar and land at 2,994'.
5. Cement liner with 150 sacks class "C" cement; circulate cement to surface.
6. Drill cement, rubber plug, float collar, and composite bridge plug, and clean out to 3,400'.
7. RIH with 4" x 2 3/8" AD-1 tension packer on 2 3/8" IPC injection tubing to 2,975'.
8. Circulate with inhibited packer fluid. Set packer, test annulus to 500 psig. Pull chart for OCD filing.
9. Place on injection at 100 BWPD and gradually increase to 212 BWPD. Maximum injection pressure is 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 1/26/04

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 TITLE DISTRICT SUPERVISOR/GENERAL MANAGER DATE FEB 2 2004
Conditions of approval, if any:

CURRENT COMPLETION SCHEMATIC		LEASE NAME		Cooper Jal Unit		WELL NO.		211			
		STATUS:		Active		Water Injector		AP#			
		LOCATION:		2310 FSL & 2310 FWL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico							
		SPUD DATE:		TD		3600		KB		3,325' DF	
		INT. COMP. DATE:		04/04/50		PBTB		3600		GL	
		ELECTRIC LOGS:		GEOLOGICAL DATA		CORES, DSTS or MUD LOGS:					
		Injection Profile (3-18-97 Houston Inc.) Injection Profile (5-4-95 Houston Inc.) GR-DSN-Spectral Density from 3600 - surface (2-1-94 Halliburton) GR-DSN-SDL from 3600 - 3001' (2-1-94 Halliburton) GR- Compensated Sonic from 3600 - 3001' (2-1-94 Halliburton)									
		HYDROCARBON BEARING ZONE DEPTH TOPS:									
		Yates @ 3001'									
		Casing Profile									
		SURF. 8 5/8" - 29.75#, J-55 set@ 302' Cmt'd w/125 sxs - circ cmt to surface.									
		PROD. 5 1/2" - 14#, J-55 set@ 3001' Cmt'd w/400 sxs - TOC @ 895' from surface by calculation.									
		LINER None									
		CURRENT PERFORATION DATA									
		CSG. PERFS: OPEN HOLE : 3001 - 3400'									
		TUBING DETAIL 11/25/2003 ROD DETAIL									
		Length (ft) Detail 0.00 KB 2900.99 89 jts - 2 3/8" 4.7#, IPC, J-55, 8rd EUE tbq. 2.90 1- 5 1/2" x 2 3/8" Baker AD-1 packer 2903.89 blm									
		WELL HISTORY SUMMARY									
		04-Apr-50 Initial completion 3001 - 3244' (Yates OH): No stimulation. IP=56 bopd, 0 bwpd, & 53 Mcf/gpd. (flowing) 09-Sep-54 Frac OH w/2,000 gals lse oil carrying 3,000#s sand. Re-frac OH w/14,000 gals lse oil carrying 18,000#s sand. 14-Jul-57 C/O to 3244' & place on pmp. 22-Feb-59 C/O to 3244'. (No report on location of fill) 17-Nov-70 CONVERTED TO INJECTOR: C/O fill to 3244'. 07-Jul-89 C/O fill from 3030 - 3244' (214'). Acdd'd OH w/4,000 gals 15% NEFE HCL in 4 equal stages diverting w/500# rock salt blocks. Ran pkr on 2 3/8" CL tbq. Placed well on injection @ 445 bwpd, TP=875 psi. 11-Jan-94 RIH 4 3/4" bit, 12 - 3 1/2" OD drill collars. Tagged at 3235', geeting returns out of bradenhead. Found holes in 5 1/2" casing at 320' to 350'. Sqeezed with 150 sacks class "c" w/2%. Circulated with 22 sacks cement. Drilled and test squeeze to 500 psig - held. Tagged junk at 3255'. Drilled out junk and deepened well to new TD of 3600'. Ran GR-MSFL-DLL, GR-DSN-SDL, & GR- Borehole Compensated Sonic logs. Acidized OH w/8,400 gals 20% NEFE HCL. Well DHC Injection (Jalmat & Langlie Mattix). Initiated injection @ 339 bwpd @ 450 psi. 04-May-95 Ran injection profile. Results: 73% fluid - 3060 -70', 11% fluid - 3300-11', & 16% fluid - 3528-43'. 06-Mar-97 Tagged fill @ 3538'. (82') Dumped sand in OH and PB from 3538 - 3420'. Dmp cmt from 3420 - 3400'. Acdd'd OH (3001'-3400') w/4,000 gals 15% using N2 foam as diverter using coiled tubing. AIR (fluid)=1.2 bpm. Ran packer on 2 3/8" CL tubing. Set pkr @ 2952'. Test casing - good test. Initiated injection @ 486 bwpd, TP=250 psi. 14-Feb-02 Tag TD using SL unit (1 1/4" x 5' sinker bar). Tag fill @ 3048' (352' of fill). 23-May-02 Wash w/ surfactant H2O. 3 passes and wash w/ acid. Pump w/ 1240 gals. Pmp., flush w/ acid. Flow Bk. Put on Inj. at 200 BWPD. 17-Nov-03 POOH with 2 3/8" IPC tubing and AD-1 packer. RIH with 4 3/4" bit, 6 3 1/2" drill collars and tagged at 3148'. Cleaned out to 3400'. Located 5 1/2" casing leak between 325' to 356'. Squeezed with 200 sx Class C Neat w/2% CaCl. Hesitation squeeze - flinal pressure was 330 psig, dropped to 200 psig in 5 minutes. Drilled cement from 230' to 300'. Test squeeze to 500 psig - bled to 380 psig in 5 minutes. Recovered RBP. RIH with 5 1/2" Baker AD-1 Tension packer and set 2901'. Pressured annulus to 500 psig. Pulled pressure chart for OCD filling.									
		Production Csg. Hole Size: 7 7/8 in Csg. Size: 5 1/2 in Set @: 3001 ft Sxs Cmt: 400 Circ: No TOC @: 895 f / surf. TOC by: calc.									
		OH Interval 3001 - 3400' TOC @ 3400' 20' cmt									
		PBTB: 3600 ft TD: 3600 ft sand plug OH ID: 4 3/4 in									
		PREPARED BY: Larry S. Adams D. Carrizales UPDATED: 04-Dec-03									