

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

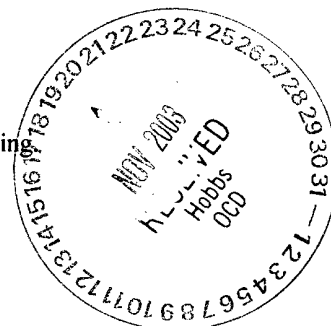
WELL API NO. 30-025-09634
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 141560
7. Lease Name or Unit Agreement Name COOPER JAL UNIT
8. Well Number 216
9. OGRID Number 193003
10. Pool name or Wildcat JALMAT: 7RVRS, YATES

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 type="checkbox"/> 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 <u>M</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>660</u> feet from the <u>WEST</u> line Section <u>24</u> Township <u>24-S</u> Range <u>36-E</u> NMPM LEA County 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3325' (GR)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Cleaned out and changed out tubing string. <input checked="" 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.

Pulled injection string and packer.
Ran in hole with 4 3/4" bit and 6 - 3 1/2" drill collars on 2 7/8" work string.
Cleaned out to 3210' - total depth.
Pulled out of hole and laid down 2 7/8" work string, 6 - 3 1/2" drill collar, and 4 3/4" bit.
Ran 5 1/2" Baker Model AD-1 tension packer and 95 joints of internally plastic coated 2-3/8" tubing.
Circulated with inhibited packer fluid plus 70 barrels 2 % KCl water above the tension packer.
Set packer at 2995' with 14,000# tension.
Performed mechanical integrity test. Test annulus to 500 psig - held.
Pulled pressure chart for OCD filing.
Placed well on injection: 150 BWPd, 0 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 11/18/03

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

(This space for State use)

APPROVED BY Harry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE NOV 20 2003
Conditions of approval, if any:

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

Surface Csg

Hole Size: 11 in
Csg. Size: 8 5/8 in
Set @: 269 ft
Sxs Cmt: 150
Circ: Yes
TOC @: surf
TOC by: circ

Sqz'd csg leak
277 - 310'

Production Csg.

Hole Size: 7 5/8 in
Csg. Size: 5 1/2 in
Set @: 3035 ft
Sxs Cmt: 900
Circ: Yes
TOC @: surface
TOC by: circ

PBTD: 3210 ft
TD: 3210 ft

OH ID: 4 3/4 in

OH interval
3035 - 3210'

LEASE NAME	Cooper Jal Unit	WELL NO.	216
STATUS:	Active	Water Injector	API# 30-025-09634
LOCATION:	660' FSL & 660' FWL, Sec 24, T - 24S, R - 36E, Lea County, New Mexico		
SPUD DATE:	TD 3210	KB 3,336'	DF
INT. COMP. DATE:	06/07/51	PBTD 3210	GL 3,324'

ELECTRIC LOGS:

GR-N (6-4-51 Lane Wells)
Caliper (5-26-51 Halliburton)

GEOLOGICAL DATA

CORES, DST'S or MUD LOGS:

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 3035'

CASING PROFILE

SURF. 8 5/8" - 32#, J-55 set@ 269' Cmt'd w/150 sxs - circ cmt to surf.
PROD. 5 1/2" - 17#, J-55 set@ 3035' Cmt'd w/900 sxs - circulated cmt to surface.
LINER None

CURRENT PERFORATION DATA

CSG. PERFS:

OPEN HOLE :
3035 - 3210'

TUBING DETAIL 11/12/2003

ROD DETAIL

Length (ft) Detail
0.00 KB
2991.48 96 jts - 2 3/8" 4.7#, IPC, J-55, 8rd EUE tbg
3.25 1-5 1/2" x 2 3/8" Baker AD-1 packer
2994.73 btm

WELL HISTORY SUMMARY

Jun-51 Initial completion 3035 - 3210' (Yates OH): Hydra-Frac w/1,500 gals Kerosene, 400#s NAPALM Soap & 800#s Ottawa sand. IP=165 bopd, 0 bwpd, & 159 Mcfgpd. (flowing)
Dec-52 Refrac OH (3035 - 3210') using 12,000 gals lse oil & 12,000#s sand.
Aug-57 Refrac OH (3035 - 3210') using 20,000 gals lse oil carrying 40,000#s sand using 6,800#s mothballs for diversion. AIR=15.8 bpm (3 - 600# blocks)
Jun-71 CONVERTED TO INJECTOR: C/O stuck tubing. C/O fill to 3210'.
Nov-79 Tag fill w/1" sinker bar @ 3055' (155').
Jan-85 Isolated 5 1/2" csg leak from 277 - 310'. Sqz cmt csg leak with 400 sxs. C/O to 3210'.
Apr-88 Replaced tbg w/new fluorolined yellow band tbg. Tst csg to 340 psi. OK.
Feb-02 Tag TD using SL unit (1 1/4" x 5' sinker bar). Tag fill @ 3044' (166' of fill).
May-02 Wash and Work down w/ 18 bbls Acid (SIP: 1180# Turn over to Inj. Acidize w/ 1260 gals. 15% to 3062' unable to C/O
Injecting @ 450# @ 250 BPD
Nov-03 Cleaned out from 3130' to 3210' - TD. RIH with Injection string - could not test 2 3/8" Fluoroline lined tubing. Replaced with and hydrotest 2 3/8" IPC tubing to 7000 psig. Located 5 1/2" Baker Model AD - 1 at 2995'. Circulated with 70 barrels of 2 % KCl with packer fluid. Set packer and and test annulus to 500 psig. Pulled chart for OCD filing.

PREPARED BY:

Larry S. Adams

D. Carrizales

[UPDATED:

17-Nov-03

