

Submit 3 Copies To Appropriate District Office
District I
625 N. French Dr., Hobbs, NM 88240
District II
301 W. Grand Ave., Artesia, NM 88210
District III
000 Rio Brazos Rd., Aztec, NM 87410
District IV
220 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. 30-025-09659
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name COOPER JAL UNIT
8. Well Number 238
9. OGRID Number
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

2. Name of Operator
SDG Resources L. P.

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

4. Well Location

Unit Letter E : 1980 feet from the NORTH line and 330 feet from the WEST line

Section 25 Township 24-S Range 36-E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3303'

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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☒ For T/A Status

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.

Performed Mechanical Integrity Test of 5 1/2" Production Casing (Long String) on August 5, 2003.

Test Duration: 30 minutes.

Beginning Pressure - 590 psig; Ending Pressure - 577 psig.

Injection Packer (5 1/2" x 2 3/8") set at 2972'.

Perforations: 3032'-3050', 3078'-3089', 3109'-3120', 3132'-3142', 3156'-3164', 3176'-3180', 3224'-3228' & 3240'-3246'.

This Approval of Temporary
Abandonment Expires 8/25/08

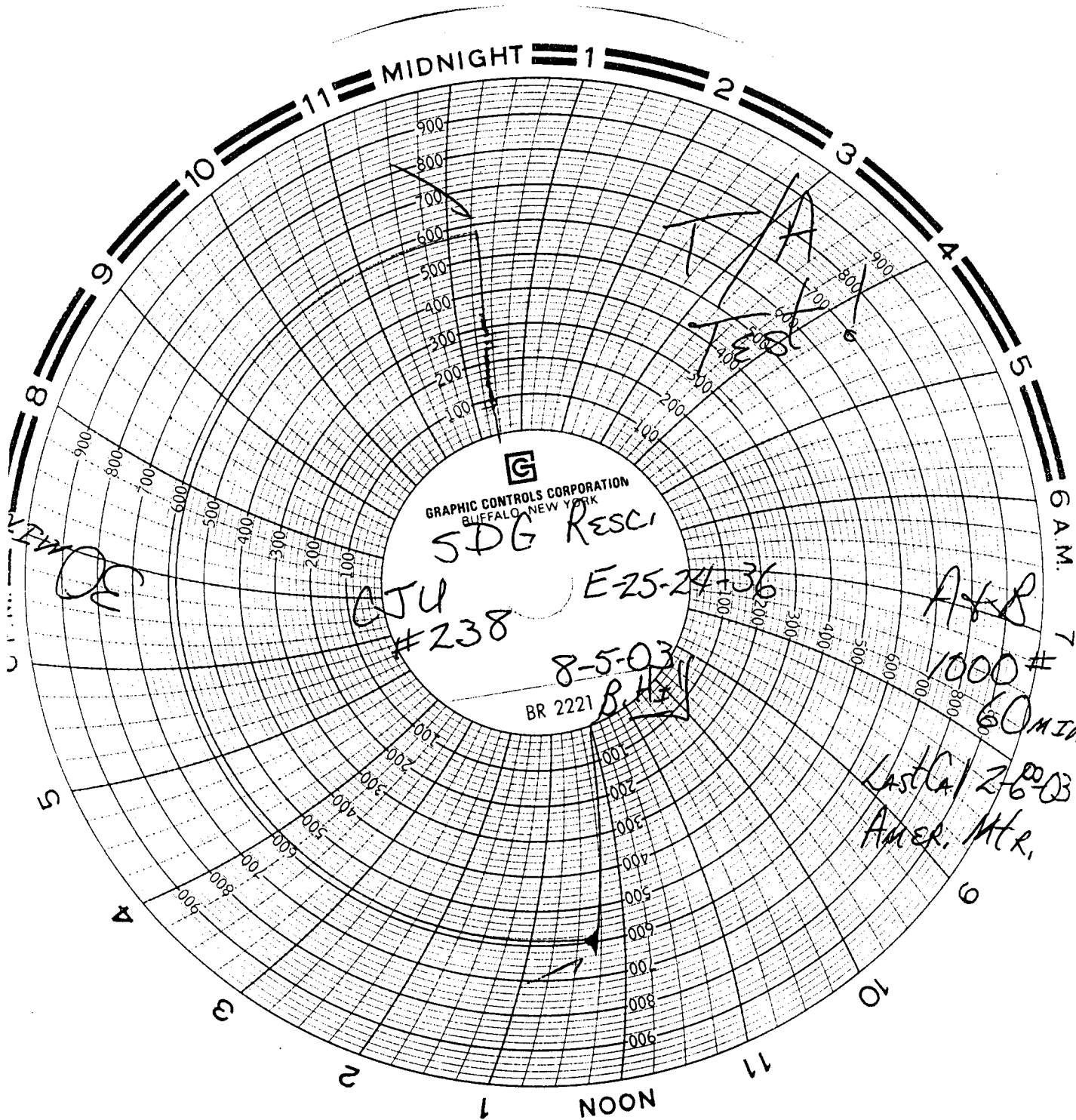
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Domingo Carrizales TITLE Sr. Petroleum Engineer DATE 08/08/03

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 FIELD REPRESENTATIVE II/STAFF MANAGER DATE AUG 25 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 @: 289 ft
Sxs Cmt: 150
Circ: Yes
TOC @: surf
TOC by: circ

repaired bad csg
520 - 560'

TOC - unknown

pkc @ 2972'

3032 - 50'

3078 - 89'

3109 - 20'

3132 - 42'

3156 - 64'

3176 - 80'

3224 - 28'

3240 - 46'

2 sxs cmt
CIBP @ 3350'

3512 - 26'

OH Interval
3541 - 89'

Production Csg
Hole Size: 7 7/8 in
Csg Size: 5 1/2 in
Set @: 3541 ft
Sxs Cmt: 300
Circ: No
TOC @: unknown
TOC by:

PBTD: 3589 ft
TD: 3589 ft

OH ID: 4 3/4 in

LEASE NAME

Cooper Jal Unit

WELL NO. 238 (Formerly No. 142)

STATUS:

Active

Water injector

API#

30-025-09659

LOCATION:

1980 FNL & 330 FWL, Sec 25, T - 24S, R - 36E, Lee County, New Mexico

SPUD DATE:

07/23/54

TD

3589

KB

3,312'

DF

3,311'

INT. COMP. DATE:

08/11/54

PBTD

3589

GL

3,303'

GEOLOGICAL DATA

ELECTRIC LOGS:

GR-N from 100 - 3588' (8-9-54 Schlumberger)

GR-N (8-9-56 Schlumberger)

GR-BHC-Acoustilog from 2050 - 3564' (8-31-71 Dresser Atlas)

CORES, DSTS or MUD LOGS:

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 3030'

Seven Rivers @ 3255'

Queen @ 3436'

CASING PROFILE

SURF: 8 5/8" - set @ 289' Cmt'd w/150 sxs - circ cmt to surf.

PROD: 5 1/2" - 15.5#, J-55 set @ 3541' Cmt'd w/200 sxs - TOC @ unknown. DV tool @ 1191' - pmp 100 sxs - TOC @ unknown.

LINER: None

CURRENT PERFORATION DATA

CSG. PERFS:

OPEN HOLE:

3541 - 89'

3032 - 50', 3078 - 89', 3109 - 20', 3132 - 42', 3156 - 64',

3176 - 80', 3224 - 28', & 3240 - 46' w/ 1 spf (82 holes)

3512 - 26' isolated w/CIBP @ 3350'

TUBING DETAIL

5/26/1993

ROD DETAIL

Length (ft)

Detail

0.00 KB

2969.00 97 jls - 2 3/8" 4.7#, CL, J-55, 8rd EUE tbq.

3.00 1- 5 1/2" x 2 3/8" Baker Model AD-1 packer

2972.00 btm

WELL HISTORY SUMMARY

Aug-54

Initial completion interval: 3541 - 89' (Queen OH). Frac'd w/5,000 gals Dowell Petrofrac w/ 7,400#s sand. Well flowed 60% load oil & died

Sep-54

Perf'd interval 3512 - 26' and Frac'd w/4,000 gals Dowell Petrofrac w/5,000#s sand. Placed well on rod pmp.

Nov-54

Well produced 20 bwpd on pmp after 80% load oil returned.

Oct-71

Removed tbq & rods from well. Shut-in well with 2" valve on national tbq head.

Feb-89

Ran GR - N and Acoustilog. Set CIBP @ 3350' and dmp 2 sxs cmt on top of CIBP. Perforated (Jalmat) w/ 1 spf: 3032 - 50', 3078 - 89', 3109 - 20', 3132 - 42', 3156 - 64', 3176 - 80', 3224 - 28', & 3240 - 46'. Acidz'd perfs w/2200 gals 15% acid in 3 stages.

May-93

Ran pkr on 2 3/8" CL tbq. Set pkr @ 2965'. Shut-in well pending water injection facilities.

C/O fill from 3390 - 3310'. Acidized perfs (3032 - 3246') w/ 3,000 gals 15% NEFE HCL dropping 90 RCN ballsealers.

AIR=3.2 bpm @ 1,000 psi. ISIP=750 psi. Ran pkr on 2 3/8" CL tbq. Set pkr @ 2976'. Initiated injection @ 200 bwpd, TP=550 spi.

C/O fill (iron sulfide, paraffin & calcium carbonate scale) from 3165 - 3335' (170'). Acidz'd perfs (3032 - 3246') w/ 5000 gals

15% NEFE HCL, 1100 gals mutal solvent, and 110 gals Checker Sol (Micelluar solvent) dropping 1100#s rocksalt in three block stages.

Identified csg leak @ 520 - 560'. Pmp 325 sxs cmt down 5 1/2" and circ back to surace up 5 1/2" x 8 5/8" annulus. SIP=500 psi.

WOC. D/O cmt from surface to 594'. Tst csg to 300 psi. OK. Ran pkr on 2 3/8" CL tbq. Set pkr @ 2972'. Tst pkr & csg. OK.

Initiated injection @ 91 bwpd, TP=700 psi.

PREPARED BY:

Larry S. Adams

UPDATED:

30-Apr-02