

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **SDG Resources L P**

3a. Address
P. O. Box 1390 Montrose, CO 81401

3b. Phone No. (include area code)
432.550.7580

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1650 Feet from The SOUTH Line and 1650 Feet From The WEST Line; Sec 24, Township 24S, Range 36E.

5. Lease Serial No.
NM 12612

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
Cooper Jal Unit

8. Well Name and No.
130

9. API Well No.
30 025 09643

10. Field and Pool, or Exploratory Area
JALMAT: Tansill, Yates, & 7-Rivers

11. County or Parish, State
Lea

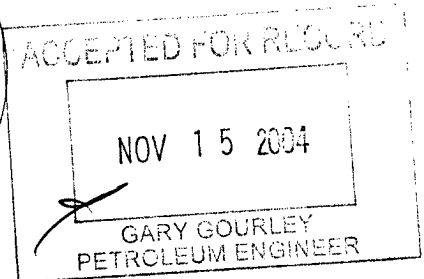
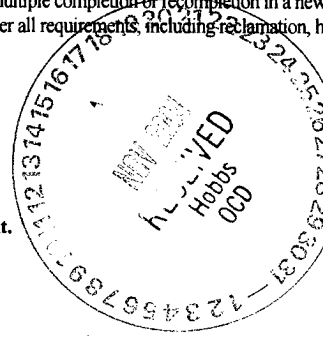
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Cleaned out well to PBTD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Objective: Clean out well to PBTD

1. Rigged up Pulling Unit on 12/23/94.
2. Pulled rods, pump and tubing.
3. RIH with 4 3/4" bit. **2,163' 3,300'**
4. Cleaned out fill from 3,053' to 2,205', POOH with tubing and bit.
5. RIH with production tubing, pump and rods.
6. Placed well on production.
7. 12/30/94: Pump 27 oil, 103 water, 19 mcf.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Domingo Carrizales

Title **Sr. Petroleum Engineer**

Signature

Domingo Carrizales

Date

11/08/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GWW

NOV 15 2004

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

LEASE NAME

Cooper Jal Unit

WELL NO.

130

STATUS:

Active

Oil

API#

30-025-09643

LOCATION:

1650 FSL & 1650 FWL, Sec 24, T - 24S, R - 36E, Lee County, New Mexico

SPUD DATE:

TD

3550

KB

3,320'

DF

INT. COMP. DATE:

04/22/54

PBD

3385

GL

ELECTRIC LOGS:

GR-N from 0 - 3551' (4-20-54 Schlumberger)
 Temperature Survey (4-17-54 APEX)
 Injectivity Profile (6-4-73 WACO)
 CR-CCL (10-26-93 Halliburton)

GEOLOGICAL DATA

CORES, DST'S or MUD LOGS:

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 3020'

Seven Rivers @ 3242'

Queen is below TD

CASING PROFILE

SURF. 8 5/8" - 28#, H-40 set @ 280' Cmt'd w/150 sxs - circ cmt to surf.

PROD. 5 1/2" - 14#, H-40 set @ 3470' Cmt'd w/300 sxs - TOC @ 1890' from surf by calc.

LINER None

CURRENT PERFORATION DATA

CSG. PERFS:

3046 - 55', 3061 - 78', 3082 - 86', 3107 - 16'

3130 - 42', & 3154 - 74' w/ 2 spf (142 - 0.56" dia holes)

OPEN HOLE:

3470 - 3550'

Isolated w/ BP @ 3385'

TUBING DETAIL

11/21/2001

ROD DETAIL

11/21/01

Length (ft)

Detail

2989.10 91 jts - 2 7/8" 6.5#, J-55, 8rd EUE tbg.

2.70 1 - 5 1/2" x 2 7/8" TAC

158.77 5 jts - 2 7/8" 6.5#, J-55, 8rd EUE tbg.

1.10 1 - 2 7/8" SN

32.40 1 jts - 2 7/8" 6.5#, J-55, 8rd EUE tbg. W/ pin collar

3184.07 btm

SN @ 3448' TAC @ 3030'

Length (ft)

26 1 - 26' x 1 1/4" polish rod w/ 12' x 1 1/2" liner

14 1 - 8', 1 - 4', & 1 - 2' x 7/8" Grade D pony rods

1350 54 - 7/8" D rods

1600 64 - 3/4" D rods

150 6 - 1 1/2" sinker bars

12 2 1/2" x 1 1/2" X 12" RHBC

0.5 1 - 1 1/4" gas anchor

3152.5 btm

WELL HISTORY SUMMARY

22-Apr-54 Initial completion interval: 3470 - 3550' (7 RVRB OH). Frac'd w/4,000 gals & 8,000#s sand. IP = 234 bopd (flowing)

30-Apr-71 Converted to injection well.

04-Jun-73 Ran injectivity profile.

15-Apr-93 C/O from 3510 - 62' (Iron Sulfide, Paraffin & Formation). Side jet & acidz'd OH (3470 - 3562') w/4,000 gals 15% NEFE HCL

w/80 gals mutual solvent & 110 gals Checkersol using 1500#s rocksalt in 4 stages. Isolated 5 1/2" csg leak from 300 - 331'.

cmt sqz'd csg leak with 27 sxs cmt. Drid out & tst csg to 300 psi. OK. RIH w/ pkr on 2 3/8" CL tbg. Could not get pkr to pressure

test @ 3440'. Reset pkr @ 3418'. Initiated injection at 203 bwpd @ TP=660 psi.

02-Nov-93 Ran GR-CCL Set BP @ 3385'. Perf'd 3046 - 3174' w/2 spf (142 holes) Frac'd perfs w/ 54,012 gals 30# gel.

187,480#s Brady sand, 41,040#s 12/20 resin coated sand. AIR=34 bpm, PM=7200 - 2600 psi. C/O to 3385'. Returned well to production.

IP = 61 bopd, 179 bwpd, & 24 Mcf/gpd.

10-Jun-94 C.O fill from 3053' - 3385'. Returned well to production.

23-Dec-94 C.O fill from 3163' - 3300'. Returned well to production.

14-Feb-96 Tagged fill @ 3227'. Did not C/O fill. Lowered tbg 2 jts. Added rods & changed out pmp. Returned well to production.

16-Nov-01 Replaced 1 jt tbg. Pickled tbg w/1200 gals 2% acid. Swab back. Replaced 50 - 3/4" rod boxes and pmp. Returned well to production.

Surface Csg

Hole Size: 11 in

Csg. Size: 8 5/8 in

Set @: 280 ft

Sxs Cmt: 150

Circ: Yes

TOC @: surf

TOC by: circ

Csg leak @

300 - 331'

Sqz'd w/ 27 sxs

cmt

TOC @ 1890'

By Calc.

Fill at 3227'

CIBP @ 3385'

OH Interval

3470 - 3550'

Production Csg.

Hole Size: 7 7/8 in

Csg. Size: 5 1/2 in

Set @: 3470 ft

Sxs Cmt: 300

Circ: No

TOC @: 1890 f / surf

TOC by: calc.

PBD: 3385 ft

TD: 3550 ft

OH ID: 4 3/4 in

PREPARED BY:

Larry S. Adams

D. Carrizales

UPDATED:

20-May-04