

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

1005 N. French Dr.
Hobbs, NM 88240

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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Lease Serial No. 141560 NM-12612
2. Name of Operator SDG Resources L. P.		6. If Indian, Allottee or Tribe Name
3a. Address P. O Box 1390 Montrose, CO 81402	3b. Phone No. (include area code) 432 580 8500	7. If Unit or CA/Agreement, Name and/or No. Cooper Jal Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990' From NORTH Line, 1587' From WEST Line, SEC 19, Township 24S, Range 37E		8. Well Name and No. 242 W
		9. API Well No. 30 025 11149
		10. Field and Pool, or Exploratory Area JALMAT:
		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 Repair Wellhead and Performed MIT
	<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 recompleat 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 recompleat 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: Repair Wellhead and Performed MIT.

1. MIRU Pulling Unit.
2. Repaired Wellhead.
3. Pressured test annulus to 340 psig for 35 minutes - held.
4. Pulled pressure chart for NMOCD. Field Rep B. Hill witness the MIT.
5. Placed well on injection at approximately 465 bwpd @ 460 psig.
6. Macimum permitted injection pressure is 600 psig.

FEB 2005
RECEIVED
Hobbs
OCD

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Domingo Carrizales		Title Sr. Petroleum Engineer
Signature <i>Domingo Carrizales</i>		Date 01/26/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
APPROVED FOR THE COMMISSIONER (ORIG. SGD.) DAVID R. GLASS		
Approved by DAVID R. GLASS	Title	Date
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.	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

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

Surface Csg.

Hole Size: 12 3/4 in
Csg. Size: 10 3/4 in
Set @: 300 ft
Sxs Cmt: 80
Circ: No
TOC @: 20 ft / surf
TOC by: calc

Production Csg.

Hole Size: 8 3/4 in
Csg. Size: 7 in
Set @: 2962 ft
Sxs Cmt: 300
Circ: No
TOC @: 1140 ft / surf
TOC by: calc

PBTD: 3191 ft
TD: 3191 ft

OH ID: 6 1/4 in

TOC @ 1140'
By Calc.

pkr @ 2884'

OH Interval
2962 - 3191'

LEASE NAME

Cooper Jal Unit

WELL NC 242 WIW

(Formerly No. 309)

STATUS:

Active

Water Injector

API#

30-025-11149

LOCATION:

990 FNL & 1587 FWL, Sec 19, T - 24S, R - 37E, Lee County, New Mexico

SPUD DATE:

TD

3191

KB

3,311'

DF

INT. COMP. DATE:

07/04/50

PBTD

3191

GL

3,303'

ELECTRIC LOGS:

GEOLOGICAL DATA

CORES, DST'S or MUD LOGS:

GR-N (7-3-50 Lane Wells)

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 2985'

CASING PROFILE

SURF. 10 3/4" - 32# J-55 set @ 300' Cmt'd w/ 80 sxs - TOC @ 20' from surf by calc.

PROD. 7" - 23# J-55 set @ 2962' Cmt'd w/ 300 sxs - TOC @ 1140' from surface by calculation.

LINER None

CURRENT PERFORATION DATA

CSG. PERFS:

OPEN HOLE:

2962 - 3191'

TUBING DETAIL

11/20/2004

ROD DETAIL

Length (ft)

Detail

0.00 KB

2884.00 92 fts - 2 3/8" 4.7# CL, J-55, 8rd EUE tbg.

2.90 1-5 1/2" x 2 3/8" Baker Model AD-1 pkr.

2886.90 btm

WELL HISTORY SUMMARY

- 4-Jul-50 Initial completion interval: 2962 - 3191' (Yates OH). No stimulation. IP= 66 bopd, 0 bwpd, & 88 Mcfgpd (flowing)
- 23-Jun-62 Producing 6 bopd, 0 bwpd, & 476 Mcfgpd
- 4-Nov-75 CONVERTED TO INJECTION: C/O fill from 3050 - 3191' (141'). Ran pkr on 2 3/8" CL tbg. Set pkr @ 2921'. Placed well on injection.
- 1-Sep-93 C/O paraffin, and iron sulfide from 3000 - 3140'. C/O fill to 3191'. Jet was from 3191 - 2692'. Ran pkr on 2 3/8" CL tbg. Set pkr @ 2884' Test csg. OK. Initiated injection - 541 bwpd @ TP=310 psi.
- 10-Nov-04 7" casing parted below flange. POOH with 2 3/8" cement lined tubing and 7" packer. Ran GR, CCI from 2669' to surface, found DV Tool at 1300'. TOC at 304'. Ran Electric Magnetic Multi-Arm Caliper Log from 509' to surface. Backed 7" casing at 280' and recover. RIH 9 joints - 7" casing. RIH with 6 1/4" bit, 6 - 3 1/2" drill collars. Cleaned out well with bridges at 2950', 2980', 3075', and cleaned to 3191'. RIH with 1 1/4" Perf-Clean Tool on 2 7/8" tubing. Wash open hole with fresh water mixed with 2% KCl plus 3 gallons surfactant per 1000 gallons. Washed in 4 stages at 4 BPM. Pavg=2650 psig. Circulate well with 74 bbls surfactant water. Acidized from bottom up with 3,000 gallons 15% NEFE HCl add. Pavg= 1475. BPM = 2.5. RIH with injection packer on 2 3/8" IPC tubing to 2,884'. Circulated annulus with inhibited packer fluid. Performed MIT (press test to 615 psig for 35 minutes) and pulled pressure chart for NMOCOD filing. Placed well on injection at 270 BWPD. Three days later rate and pressure: 542 bwpd at 450 psig. Prior rate & pressure: 501 bwpd @ 500 psig.
- 20-Jan-05 Shut in. Fixed well head leak. MIT annulus to 340 psig for 35 minutes - held. Field Rep B. Hill witness MIT. Pulled pressure chart for NMOCOD. After rate & pressure: 465 bwpd at 460 psig.

PREPARED BY:

Larry S. Adams

D. Carrizales

UPDATED:

25-Jan-05

