

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240
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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM-12812 LC-032592(b)
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. NM 70962X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 330 Feet from the NORTH line, 330 Feet from the WEST line, Sec. 30, Township 24S, Range 37E		8. Well Name and No. Cooper Jal Unit #141
		9. API Well No. 30 025 11292
		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 checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other Deepen, Acidize & Fracture Stimulate

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 60-day 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: Drill CIBP at 3,370', deepen to 3,790' and complete as Jalmat/Langle Matrix: acidize and fracture stimulate.

- MIRU Pulling Unit. POOH with rods, pump and tubing string.
- RIH w/ 4 3/4" bit & 6 - 3 1/2" drill collars on 2 7/8" work string. Drill CIBP at 3,370'. Deepen well to new TD at 3,790'.
- Lay down bit & drill collars. RU Wireline Company. Run Compensated Neutron Log from TD to 2,500'.
- Perf Yates (3,165'-3,200') and 7-Rivers (3,241'-3,390'), 180 degree phasing, 2 HRF, using 4" HSC gun. RD Wireline.
- RIH with 5 1/2" packers on 2 7/8" work string.
- Acidize open hole (3,410'-3,790'); perfs: 7-Rivers (3,241'-3,390') & Yates (3,165'-3,200'), with 4,000 gallons 15% NEFE HCl acid.
- POOH with 2 7/8" work string. RIH with 5 1/2" Frac packers on 3 1/2" work string.
- Fracture stimulate open hole (3,410'-3,790') with 60,000 12/20 mesh sand; perfs: 7-Rivers (3,241'-3,390') & Yates (3,165'-3,200') with 60,000# 12/20 mesh sand. POOH and lay down 3 1/2" work string and packer.
- Clean out well to new TD with sand bailer on 2 7/8" work string. Lay down bailer and 2 7/8" work string.
- RIH 2 7/8" production string, pump and rods. Place well on production. Turn over to operations.
- Fold Pit Liner inward, cover with 20 mil liner and cover with top soil. File Form C144 with NMOCD.

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

Domingo Carrizales

Title **Sr. Petroleum Engineer**

Signature

Domingo Carrizales

Date

03/24/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **ORIG. SGD.) DAVID R. GLASS**

PETROLEUM ENGINEER

Date

APR 04 2005

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)

KZ

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

Surface Csg

Hole Size: 11 in
Csg. Size: 8 5/8 in
Set @: 1140 ft
Sxs Cmt: 700
Circ: Yes
TOC @: surf.
TOC by: circ

Production Csg.

Hole Size: 7 7/8 in
Csg. Size: 5 1/2 in
Set @: 3410 ft
Sxs Cmt: 400
Circ: No
TOC @: 2240 f / surf.
TOC by: TS

PBTD: 3335 ft
TD: 3535 ft

OH ID: 4 3/4 in

TOC @ 2240'
By TS

2980'-91'

2994'-99'

3004'-11'

3016'-38'

3042'-52'

3058'-62'

3090'-3100'

3112'-36'

3141'-48'

TOC @ 3335'
CIBP @ 3370'

OH Interval
3410 - 3535'

Cooper Jal Unit

WELL NO. 141

LEASE NAME

STATUS: Active Oil

API# 30-025-11292

LOCATION: 330 FNL & 330 FWL, Sec 30, T - 24S, R - 37E; Lee County, New Mexico

SPUD DATE: 5 1/2" - 14#, J-55 set@ 3410' Cmt'd w/400 sxs - TOC @ 2240' from surface by Temp. Survey.

INT. COMP. DATE: 09/09/55 PBTD 3335 KB 3,292' DF

GL 3,279'

ELECTRIC LOGS:

GEOLOGICAL DATA

CORES, DSTS or MUD LOGS:

GR-N from surface - 3535' (9-6-55 Lane Wells)
Temperature Survey (9-1-55 Halliburton)
GR-CCL from 2800 - 3425' (10-5-93 Halliburton)

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 2980'
Seven Rivers @ 3210'

CASING PROFILE

SURF. 8 5/8" - 24#, J-55 set@ 1140' Cmt'd w/700 sxs - circ cmt to surf.
PROD. 5 1/2" - 14#, J-55 set@ 3410' Cmt'd w/400 sxs - TOC @ 2240' from surface by Temp. Survey.
LINER None

CURRENT PERFORATION DATA

CSG. PERFS: 2980 - 91', 2994 - 99', 3004 - 11', 3016 - 38', 3042 - 52', 3058 - 62', 3085 - 68', 3090 - 3100', 3112 - 36', 3141 - 48' w/ 2 spf (202 holes total - 0.56 dia., 120 deg phasing)
OPEN HOLE: 3410 - 3535'
Isolated below CIBP @ 3370'

TUBING DETAIL 2/27/2004

ROD DETAIL 2/27/2004

Length (ft)	Detail	Length (ft)	Detail
2912 90	2 7/8" 6.5#, J-55, 8rd EUE tbg.	26 1	26' x 1 1/4" polish rod w/7/8" pin
3 1	5 1/2" x 2 7/8" TAC	0 1	1 1/4" x 1 1/2" x 14' liner
271 9	2 7/8" 6.5#, J-55, 8rd EUE tbg.	1000 40	1" D steel rods
4 1	2 7/8" perf Sub	1875 75	7/8" D steel rods
1 1	2 7/8" SN	250 10	1 1/2" sinker bars
32 1	3 1/2" Mud Anchor	20 1	2 1/2" x 1 3/4" X 17" RHBC
3222		0 1	1 1/4" x 12' gas anchor
	SN @ 3186' TAC @ 2915'	3171	

WELL HISTORY SUMMARY

9-Sep-55 IC Interval: 3410 - 3535' (7 RVRS/Queen OH). Acdd'd w/ 500 gals mud acid. Frac'd w/4,000 gals lse oil / 10,000#s sand. IP= 141 bopd, 0 bwpd, & 133.5 Mcf/gpd (flowing)
18-Aug-71 CONVERTED WELL TO INJECTION: C/O to TD @ 3535. Ran 2 3/8" CL tbg & pkr. Set pkr @ 3370. Initiated injection.
28-Sep-74 Replaced 1 jt tbg. Return to injection.
30-Mar-77 Replaced 1 jt tbg. Return to injection.
6-Feb-83 C/O fill 3416 - 3535'. Acdd'd w/5,000 gals 15% w/3% mutual solvent in 3 stages using 500# rock salt each for diversion.
4-Oct-93 Set CIBP @ 3370'. Dmp 35' cmt on top of CIBP. PBTD@ 3335'. Perf'd 2980 - 3146' (10 intervals, 2 spf, 202 holes total).
Frac perfs w/41,000 gals 30# X-L gel carrying 183,600#s 12/20 sand & 40,580#s resin coated 12/20 sand. AIR=34.5 bpm, Pmax=1923 psi. ISIP=1380 psi, P15min=1066 psi. C/O sand from 3180 - 3335'. Install tbg, pmp, & rods. Placed well on production.
After WO: 46 bopd, 422 bwpd, & 16 Mcf/gpd.
17-Feb-95 Replaced 1 bad jt tbg. Returned well to production.
9-Oct-95 Change out pmp. Returned well to production.
7-Oct-97 Ran tbg inspection. Replaced 22 jts of tbg. Ran new gas anchor & pmp on rods. Placed well on production.
14-Oct-99 Replaced 1 bad jt tbg. Returned well to production.
27-Mar-00 Change out pmp. Returned well to production.
27-Feb-04 POOH with rods and pump. Tagged at 3282'. POOH with tubing. Hydrotest tubing to 7000# - found hole 3 joints above SN. RIH with pump and rods. PWOP.

PREPARED BY:

Larry S. Adams

D. Carrizales

UPDATED:

08-Apr-04