

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
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-09566
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No. NM 12612	
7. Lease Name or Unit Agreement Name NM 70962X	
8. Well Number Cooper Jal Unit 115	
9. OGRID Number 193003	
10. Pool name or Wildcat JALMAT: Tansill, Yates & 7-Rivers	

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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
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> P </u> ; <u> 900 </u> feet from the <u> SOUTH </u> line and <u> 990 </u> feet from the <u> EAST </u> line Section <u> 13 </u> Township <u> 24S </u> Range <u> 36E </u> NMPM <u> LEA </u> County <u> </u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,327' GL	

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type DIRT Depth to Groundwater 130 feet Distance from nearest fresh water well >1000 feet Distance from nearest surface water >1000 feet
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 200 bbls; Construction Material Synthetic

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 COMPL ☐
OTHER: Drill CIBP & Clean out to 3668'. PIT PERMIT REQST ☒

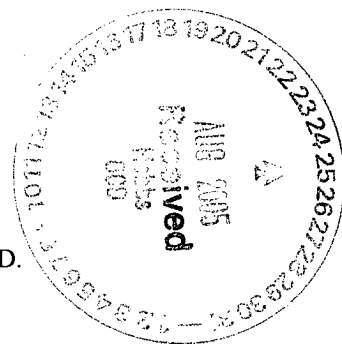
SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

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.

Objective: Drill CIBP, clean out producer to 3,668' and complete as Jalmat/Langlie Mattix.

1. MIRU Pulling Unit. POOH with rods, pump and tubing string.
2. RIH w/ 4" bit & 6 - 3 1/2" drill collars on 2 7/8" Super Max work string.
3. Drill cement at 3180' and CIBP at 3,200'. Clean out well to new PBTD at 3,668'.
4. Lay down bit & drill collars.
5. POOH with 2 7/8" work string. Lay down bit and collars.
6. RIH 2 7/8" production string, pump and rods. Place well on production. Turn over to operations.
7. Fold Pit Liner inward, cover with 20 mil liner and cover with top soil. File Form C144 with NMOCD.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Domingo Arizales TITLE Senior Petroleum Engineer DATE 8/24/05

Type or print name
For State Use Only

E-mail address: Domingo@sdgresources.com Telephone No. 432-580-8500

APPROVED BY: [Signature] TITLE PAUL F. KAUTZ
Conditions of Approval (if any):

ORIGINAL SIGNED BY
PAUL F. KAUTZ
PETROLEUM ENGINEER

DATE AUG 26 2005

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME Cooper Jal Unit		WELL NO. 115																																												
<p>Conductor Csg Csg. Size: 13 3/8 in Set @: 30 ft Sxs Cmt: 20 Circ: Yes TOC @: surf TOC by: circ</p> <p>Surface Csg Hole Size: 12 1/4 in Csg. Size: 9 5/8 in Set @: 1182 ft Sxs Cmt: 550 Circ: Yes TOC @: surf TOC by: circ</p> <p style="text-align: right;">TOC @ 1114' Calc - 80%</p>		STATUS: Active Oil		API# 30-025-09566																																												
		LOCATION: 990 FSL & 990 FEL, Sec 13, T - 24S, R - 36E; Lee County, New Mexico																																														
		SPUD DATE: 05/07/47 TD 3668 KB 3,337' DF																																														
		INT. COMP. DATE: 05/12/47 PBTD 3180 GL 3,327'																																														
<p>Production Liner Hole Size: 6 1/2 in Csg. Size: 4 1/2 in Top: 2942 Blm: 3668 ft Sxs Cmt: 750 TOC @: TOL TOC by: circ</p> <p>Production Csg. Hole Size: 8 3/4 in Csg. Size: 7 in Set @: 3015 ft Sxs Cmt: 300 Circ: No TOC @: 1190 ft f/ surf TOC by: calc</p> <p>PBTD: 3180 ft TD: 3668 ft</p>		<p>ELECTRIC LOGS: GR-CCL-CBL from 3188 - 2900' (6-27-95 Halliburton) GR-N from 2880 - 3505 (5-6-47 Lane Wells) GR-N from 2880 - 3667 (3-18-75 Apache Services) GR-N (12-16-64 Welex)</p> <p style="text-align: center;">HYDROCARBON BEARING ZONE DEPTH TOPS: Yates @ 3020' Seven Rivers @ 3246' Queen @ 3670'</p>																																														
		GEOLOGICAL DATA																																														
		CASING PROFILE																																														
		<p>COND. 13 3/8" - 32# set @ 30'. Cmt'd w/20 sxs - TOC @ surf SURF. 9 5/8" - 36#, J-55 set @ 1182' Cmt'd w/550 sxs - circ cmt to surf. PROD. 7" - 24#, J-55 set @ 3015' Cmt'd w/300 sxs - TOC @ 1114', Calc - 80% LINER 4 1/2" - 10.6#, H-40 set from 2942' - 3668' Cmt'd w/750 sxs circ out TOL.</p>																																														
<p>CSG. PERFS:</p> <p>3046' (2 holes), 76', 3106', 36', & 53 (6 holes total) 3100 - 20' w/4 spf (24 holes) 3221', 23', 25', 27', 37', 39', 41', 95', 97', 99', 3301', & 03' (12 holes total) 3426', 35', 46', 3458 - 68', 3486-96', & 3510 - 18' w/ 1 spf (34 holes)</p>		CURRENT PERFORATION DATA																																														
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		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">TUBING DETAIL</th> <th colspan="2" style="text-align: left;">ROD DETAIL</th> </tr> <tr> <th>Length (ft)</th> <th>Detail</th> <th>Length (ft)</th> <th>Detail</th> </tr> </thead> <tbody> <tr> <td>2792</td> <td>88 2 7/8" 4.7#, J-55, 8rd EUE tbg.</td> <td>16</td> <td>1 Polish Rod 1 1/4" x 22' w/7/8" Pin</td> </tr> <tr> <td>195</td> <td>6 2 3/8" 4.7#, J-55, 8rd EUE tbg.</td> <td>0</td> <td>1 1 1/4" x 1 1/2" x 12' liner</td> </tr> <tr> <td>3</td> <td>1 4 1/2" x 2 3/8" TAC</td> <td>24</td> <td>2 3-2', 1-4', 1-6', 1-8' - 7/8" pony rods</td> </tr> <tr> <td>31</td> <td>1 2 3/8", 4.7#, J-55 8rd EUE tbg</td> <td>875</td> <td>35- 7/8" rods</td> </tr> <tr> <td>1</td> <td>1 2 3/8" OD - S.N.</td> <td>1900</td> <td>76- 3/4" rods</td> </tr> <tr> <td>4</td> <td>1 2 3/8" x 4 1/2" Perf Sub</td> <td>200</td> <td>8 - 1 1/2" sinker bars</td> </tr> <tr> <td>32</td> <td>1 2 3/8" OEMA</td> <td>16</td> <td>1 2" x 1 1/2" x 16' RWBC Pump</td> </tr> <tr> <td>3058</td> <td></td> <td>0</td> <td>1" x 12' gas anchor</td> </tr> <tr> <td></td> <td></td> <td>3031</td> <td></td> </tr> </tbody> </table>			TUBING DETAIL		ROD DETAIL		Length (ft)	Detail	Length (ft)	Detail	2792	88 2 7/8" 4.7#, J-55, 8rd EUE tbg.	16	1 Polish Rod 1 1/4" x 22' w/7/8" Pin	195	6 2 3/8" 4.7#, J-55, 8rd EUE tbg.	0	1 1 1/4" x 1 1/2" x 12' liner	3	1 4 1/2" x 2 3/8" TAC	24	2 3-2', 1-4', 1-6', 1-8' - 7/8" pony rods	31	1 2 3/8", 4.7#, J-55 8rd EUE tbg	875	35- 7/8" rods	1	1 2 3/8" OD - S.N.	1900	76- 3/4" rods	4	1 2 3/8" x 4 1/2" Perf Sub	200	8 - 1 1/2" sinker bars	32	1 2 3/8" OEMA	16	1 2" x 1 1/2" x 16' RWBC Pump	3058		0	1" x 12' gas anchor			3031	
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<p>12-May-47 Initial completion interval: 3015 - 3505': IP=145 bopd, 0 bwpp; GOR=4000 (flowing), ISITP=1175 psi. 23-Mar-55 C/O and Frac w/ 10,000 gals lse oil & 10,000#s sand w/ 500 gals diverter. AIR=21 bpm @ 700 psi. IP=140 bopd @ FTP=60 psi. (after load recovery) 28-Jul-73 C/O 235' of fill and deepened to 3662'. After WO: 5 bopd & 0.5 bopd 17-Mar-75 C/O fill from 3458 - 3668'. Set 4 1/2", 10.6#, H-40 liner from 2942-3668'. Cmt'd w/ 750 sxs class "H" cmt. Had to drlg cmt from 1138-3668'. Test TOL to 1100 psi. OK. Perf'd w/1 spf 3426', 35', 46', 3458-68', 3486-96', & 3510-18' (34 holes total) Acidz'd perfs w/2,500 gals 15% HCL & 45 ball sealers. Frac'd w/40,000 gals trid wtr, 30,000#s 20/40 sand, 10,000#s 10/20 sand & 30 ball sealers. AIR=20 bpm @ 2400 psi. Tagged sand @ 3560'. Did not C/O sand. 22-Mar-75 Installed new Bethlehem 228D Pumping Unit 10-Apr-75 C/O sand from 3507 - 67' (60'). After WO: 41 bopd & 123 bwpp 23-Jun-75 C/O sand from 3545 - 3863'. After WO: 56 bopd & 114 bwpp 02-May-78 Set RBP @ 3370'. Perf'd 3221-3303 (12 holes) & acidz'd w/3,000 gals 15% HCL & 12 ball sealers. AIR=3 bpm @ 1475 psi. Reacidz'd w/1,000 gals 15% HCL followed by 2,000 gals mud acid w/Musol "A" solvent. AIR=2 1/2 bpm @ 800 psi. Reset RBP @ 3181'. Perf'd 3046 - 3153' (6 holes). Acidz'd w/2,000 gals 15% HCL & 4 ball sealers. AIR=3 bpm @ 800 psi. Reacidz'd w/1,000 gals 15% HCL followed by 2,000 gals mud acid w/Musol "A" solvent. POOH w/ RBP. Placed well on production. Before WO: 32 bopd & 131 bwpp. After WO: 61 bopd & 206 bwpp 17-Mar-86 C/O fill 3480 - 3662. 22-Dec-87 Tag fill @ 3632'. 27-Jun-95 Set 4 1/2" CIBP @ 3200' and dmp 20" cmt on top. Ran CBL-GR-CCL from 3188-2900'. Perf'd (Jalmat) 3100'-20' w/3 1/8" gun, 120 deg phasing & 4 spf. Set pkr @ 2921' & acidz'd perfs w/2,100 gals 15% NEFE acid dropping 120 - 7/8" RCN ball sealers. AIR=8 bpm @ 1050 psi. No ball action. ISIP=520 psi. P5min=vacuum. Frac perfs using 53,836 gals gelled 2% KCl carrying 224,160#s 12/20 brady sand. AIR=40 bpm. PM=3270 - 2421 psi. ISIP=1094 psi. C/O sand w/bailer from 2960 - 3136'. Ran prod equip. Placed well on production. Avg Prod = 38 bopd & 82 bwpp over 20 day period. 09-Jan-01 Tagged TD 3098' & POOH. Left 6' of 3 1/2" Mud Anchor in hole w/ TOF @ 3098' by tbg tally. Wash over and recover 4' of orange peel MA. Test 99 Jts 2 3/8" tubing in hole. SN at 3155.5', TAC @ 2696.55'. 27-Dec-01 Changed out insert pump. 21-Feb-02 Pulled tubing - 90 Jts. Ran with 87 Jts of tubing. Changed out pump. 30-Sep-02 Pulled stucked pump, tubing string, & TAC. Ran 96 Jts. 2 3/8" tubing. 08-Nov-02 Replaced bad rod boxes and pump. Installed rod guides. 30-May-03 Pull rods, pump, and tubing string. Found 4 pitted 3/4" rods. Hydrotest tubing in hole. Change out pump. 16-Dec-03 Parted 3/4" rod (body break) 42 rods from surface. Laid down 6 - 3/4" rods due to pitting. Changed out pump. PWOP. 11-Mar-04 POOH with rods and pump. Tagged at 3070'. tally out of hole. Bailed from 3070' to 3092'. Could not make any more hole - recovered scale, iron sulfide, and pieces of tbg. RIH with tubing, plunger, and rods. PWOP. 12-May-04 Parted 3/4" rod (body break) 63 rods from surface. Changed out parted rod and pump. PWOP. 08-Jun-04 Parted 3/4" rod (body break) 111 rods down. POOH with rod and plunger, laid down 39 - 3/4" pitted rods. POOH with tubing. RIH with 2 3/8" and 2 7/8" tapered string tubing. RIH with pump and rods. PWOP.</p>																																																
<p>Fill at 3092'</p> <p>3046' & 3076'</p> <p>3100'-3120'</p> <p>3136' & 3153'</p> <p>TOC @ 3180'</p> <p>CIBP @ 3200'</p> <p>3221'</p> <p>3303'</p> <p>3426'-3446'</p> <p>3458'-3468'</p> <p>3486'-3496'</p> <p>3510' - 3518'</p>																																																
<p>PREPARED BY: Larry Adams D. Carrizales</p> <p>UPDATED: 6/15/2004</p>																																																