

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  
Revised June 10, 2003

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-025-32857
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator SDG Resources L. P.		6. State Oil & Gas Lease No.
3. Address of Operator P. O. Box 1390 Montrose, CO 81402		7. Lease Name or Unit Agreement Name COOPER JAL UNIT
4. Well Location Unit Letter <u>F</u> : <u>1425</u> feet from the <u>NORTH</u> line and <u>1450</u> feet from the <u>WEST</u> line Section <u>24</u> Township <u>24-S</u> Range <u>36-E</u> NMPM LEA County		8. Well Number 410
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3324' G. L.		9. OGRID Number 022351
		10. Pool name or Wildcat LANGLIE MATTIX: Lower Queen

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: Isolated Yates, Seven Rivers, and Upper Queen and placed Lower Queen on production. ☒

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.

1. POOH with 2 3/8" tubing and sub pump.
2. POOH and laid down 5 1/2" Lok-Set Packer with 20/64" Choke.
3. RIH with 5 1/2" Lok-Set Packer, 2 7/8" tubing, and 5 1/2" Cup Type Packer.
4. Set 5 1/2" Lok-Set Packer to 3,681' and 5 1/2" Cup Type Packer to 3007' and isolated perforations (3028'-3655')
5. RIH with Progressive Cavity Pump on 2 7/8" tubing to 1,190'.
6. Placed well on production: 2200 BWPd, Gas - TSTM. 5/13/04

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 7/09/04

Type or print name Domingo Carrizales E-mail address: domingo@sdgresources.com Telephone No. 432-550-7580

(This space for State use)

APPROVED BY Chris Williams TITLE Dist. Supervisor DATE 7/13/04  
Conditions of approval, if any:

# WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME		Cooper Jal Unit		WELL NO.		410	
<div><div>Surface Csg</div><div>Hole Size: 12 1/4 in Csg. Size: 8 5/8 in Set @: 400 ft Sxs Cmt: 250 Circ: Yes TOC @: surf TOC by: circ</div></div> <div><div>5 1/2" &gt; 7/8" RHS TAC at 1289'</div><div>TOP @ 1240'</div><div>EOT @ 1292'</div><div>TOC @ 2710'</div></div> <div><div>5 1/2" Cup Type Pkr at 3007'</div><div>2 7/8" tbg</div><div>Production Csg</div><div>Hole Size: 7 7/8 in Csg. Size: 5 1/2 in Set @: 3786 ft Sxs Cmt: 1358 Circ: Yes TOC @: surface TOC by: circ</div><div>5 1/2" Lok- Set Pkr at 3681'</div><div>Open Hole: 3786-3941 ft</div><div>5-1/2" csg 3786'</div><div>Lower Queen</div><div>PBTD: 3940' TD: 3940'</div></div>		STATUS: Producing		Oil		API# 30-025-32857			
		LOCATION: 1425 FNL & 1450 FWL, Sec 24, T - 24S, R - 36E; Lee County, New Mexico							
		SPUD DATE: 05/09/95		TD 3786		KB 3.338		DF	
		INT. COMP. DATE: 05/22/95		PBTD 3735		GL 3.324			
		ELECTRIC LOGS:		GEOLOGICAL DATA		CORES, DST'S or MUD LOGS:			
		DLT-MSFL-STD (5-18-95 Halliburton) CSL from 2700 - 3776' (5-18-95 Halliburton) GR-CCL (5-21-95 Halliburton)							
		HYDROCARBON BEARING ZONE DEPTH TOPS:							
		Not Listed							
		CASING PROFILE							
		SURF. 8 5/8" - 24#, WC-50, ST&C set@ 423'. Cmt'd w/250 sxs - circ cmt to surface.							
		PROD. 5 1/2" - 15.5#, WC-50, LT&C set@ 3786' Cmt'd w/1358 sxs - circ cmt to surface.							
		LINER None							
		CSG. PERFS:		OPEN HOLE:					
		3028 - 34', 3040 - 50', 3102 - 06', 3170 - 73', 3207 - 12', 3216 - 26', & 3335 - 40' 4 spf (200 holes total) 3065 - 3080 w/ 4 spf (64 holes total) 3486 - 90', 3506 - 11', 3585 - 88', 3644 - 55' w/4 spf (92 holes total)							
		CURRENT PERFORMANCE DATA							
		TUBING DETAIL 3/21/2004		ROD DETAIL 3/21/2004					
		1232 38 2 7/8" J-55, 6.5#, 8rd Tbg		15 1 1/4" x 16' w/7/8" pin					
		1 1 2 7/8" x 3 1/2" Crossover		1225 49 1" Steel Rods w/ 87 Rod Guides					
		8 1 3 1/2" Lift Sub		49 1 Rotor					
		15 1 3 1/2" Stator		1289					
		2 1 3 1/2" x 12" Tag Bar							
		33 1 2 7/8" J-55, 6.5#, 8rd Tbg							
		3 1 2 7/8" x 5 1/2" TAC RHR w/45 K shear pin							
		1292							
		Top of Pump (Stator) is at 1240'.							
		WELL HISTORY SUMMARY							
		22-May-95 Initial completion: Perf'd 3486 - 90', 3506 - 11', 3585 - 88', 3644 - 55' w/4 spf (92 holes total) Frac'd w/34,600 gals. XL borate gel carrying 142,000#s 20/40 brady sand. Pump tst for 23 hours: 15 bo, 39 blw, & 33 Mcf. Perf'd 3065 - 3080' w/ 4 spf (64 holes total). Frac'd w/43,000 gals. XLG 2% KCL carrying 216,000#s 12/20 sand. Commingled all perfs - IP=31 bopd, 235 bwpd, & 47 Mcf/gpd (pumping).							
		25-Jul-96 Set CIBP@ 3450' on WL & dump 10' cmt on top. PBTD=3440'. Perf'd 3028'-80', 3102'-73', 3207'-26', 3335'-40'. Acdd'd perfs 3102 - 3340' w/2000 gals 15% NEFE HCl & 200 7/8" RCN ball sealers. AIR - 9 BPM at 1170 psig. ISIP - vacuum. Acdd'd perfs 3028 - 3050' w/1300 gals 15% NEFE HCL & 110 7/8" RCN ball sealers. AIR - 9 BPM at 980 psig. at 980 psig. ISIP=430, P5min=vacuum. After WO: 15 bopd, 166 bwpd, & 12 Mcf/gpd. Set CIBP @ 3000'. Circ well with pkr fluid & tst csg to 500 psi. Good tst. Dmp 35' cmt on CIBP. TOC @ 2965'. Well TA'd 8-31-98.							
		31-Aug-98 Displaced wellbore with gelled brine. Spot 30 sxs cmt from 2965 - 2750'. WOC. Tagged TOC @ 2710'. Spot 25 sxs cmt from 1400 - 1200'. WOC. Tagged TOC @ 1130'. Circulate 55 sxs from 475' to surface inside 5 1/2" casing. Cut off wellhead and cap 5 1/2" casing. Installed Dry hole marker & cleaned location. NMOCOD notified - well P&A'd 3-28-2001.							
		26-Mar-01 Re-entered P&A'd Well. Drilled out cement plugs, CIBPs, and float shoe with 4 3/4" bit. Deepened form 3,786' to 3,940' TD. Swabbed test open hole. Swabbed from five hundred feet, fluid level didn't changed, recovered 168 bbls water. Ran sub pump on 2 3/8" tubing. Pump (set at 70 HZ) tare 3100 BFPD, fluid level dropped from 500' to 820'. POOH with sub pump. Found water in both protectors and motors. Ran repaired pump in hole. Test: 3100 BWPD (1/8/04).							
		20-Dec-03 POOH with sub pump and took in for inspection. RIH with 5 1/2" Lock Set Pkr with a 20/64" choke to 3722'. Set pkr and released from pkr. RIH with sub pump to 3600', bottom of motor at 3702'. Placed on production.							
		7-Jan-04 POOH with sub pump and took in for inspection. POOH with Lock Set Packer and changed out choke to 16/64". Set packer at 3722', RIH with sub pump to 3600', bottom of motor at 3702'. Placed well on pump at 2100 BFPD.							
		21-Jan-04 POOH with sub pump and took in for inspection. RIH with sub pump to 3535'. bottom of motor at 3648'. Placed on production at 2100 BFPD.							
		12-Feb-04 POOH with 2 3/8" tubing and sub pump. Redress sub pump and RIH. Good pump action. Clay/oil elumision was plugging the pump.							
		2-Mar-04 POOH with 2 3/8" tubing and sub pump. POOH with packer and choke. RIH with 5 1/2" Lok-set Packer, 21 joints 2 7/8" plastic coated tubing and 5 1/2" Cup Type Packer. Set with 2 3/8" on/off tool. Bottom packer was set at 3681', top packer set at 3007'. RIH with 5 1/2" RHR Tubing Anchor Catcher, 1 joint 2 7/8" tubing. Stator, 39 joints 2 7/8" tubing. RIH with Rotor, 49 - 1" rods with rods guides. PVOP. IP: 2200 BWPD (5/20/04).							
		21-Mar-04							
		13-May-04							