

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, 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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-025-09635 11291 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> Fed <input type="checkbox"/> State Oil & Gas Lease No. NM0321613
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. Type of Completion: NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER _____		7. Lease Name or Unit Agreement Name LC0325928
2. Name of Operator SDG Resources L. P.		8. Well No. Cooper Jal Unit # 227
3. Address of Operator P. O. Box 1390 Montrose, CO 81402		9. Pool name or Wildcat JALMAT: Tansill, Yates & 7-Rivers; LANGLIE MATTIX: 7-Rivers & Queen
4. Well Location Unit Letter D : 660 Feet From The NORTH Line and 660 Feet From The WEST Line Section 30 Township 24-S Range 37-E NMPM LEA County		
10. Date Spudded 6/17/50	11. Date T.D. Reached 6/20/50	12. Date Compl. (Ready to Prod.) 6/26/50
13. Elevations (DF& RKB, RT, GR, etc.) 3,285' KB		14. Elev. Casinghead
15. Total Depth 3,790'	16. Plug Back T.D. 3,790'	17. If Multiple Compl. How Many Zones? 2
18. Intervals Drilled By		19. Producing Interval(s), of this completion - Top, Bottom, Name Yates - 3020', Seven Rivers - 3245', Queen - 3575'
20. Was Directional Survey Made NO		21. Type Electric and Other Logs Run GRN
22. Was Well Cored NO		23. CASING RECORD (Report all strings set in well)
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
9 5/8"	32	1139'
7"	20	3,148'
HOLE SIZE		CEMENTING RECORD
12 1/2"		600 sacks
7 7/8"		400 sacks
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
26. Perforation record (interval, size, and number) Queen: Open Hole 3575'-3790' Seven Rivers: Perfs (3414'-3575') Yates: Perfs (2964'-3167')		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND/MATERIAL USED Langlie Mattix & Frac'd both zones with 1350 BBLs 30# X-L Jalmat (2964' to Fluid and 119,000# 12/30 mesh sand. 3790')
28. PRODUCTION		
Date First Production July 30, 2005	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - Progressive Cavity Pump	
Well Status (Prod. or Shut-in) Producer		
Date of Test July 11, 2005	Hours Tested 24 hours	Choke Size N/A
Prod'n For Test Period	Oil - Bbl	Gas - MCF
Flow Tubing Press.	Casing Pressure 15 psig	Calculated 24-Hour Rate
Oil - Bbl	Gas - MCF	Water - Bbl.
18	20.	130
Oil Gravity - API - (Corr.) 35.7		
29. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By
30. List Attachments		
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief		
Signature Domingo Carrizales	Printed Name Domingo Carrizales	Title Sr. Petroleum Engineer
E-mail Address Domingo@sdgresources.com		Date 08/24/05

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3020'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3245'	T. Devonian	T. Menefee	T. Madison
T. Queen 3575'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....2964'.....to..... 3167'.....

No. 3, from.....3575'.....to...3790'.....

No. 2, from.....3414'to.3575'.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from... Water sands were not apparent while drilling with Rotary.feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

CURRENT COMPLETION SCHEMATIC		COOPER JAL UNIT		WELL NO. 227																					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Surface Csg</p> <p>Hole Size: 12 1/4 in</p> <p>Csg. Size: 9 5/8 in</p> <p>Set @: 1139 ft</p> <p>Sxs Cmt: 600</p> <p>Circ: Yes</p> <p>TOC @: surf</p> <p>TOC by: circ</p> </div> <div style="width: 45%;"> <p>TOC@ 1480'</p> <p>By Calc.</p> </div> </div>		LEASE NAME: Cooper Jal Unit		WELL NO. 227																					
		STATUS: Active Oil		API# 30-025-11291																					
		LOCATION: 660' FNL & 660' FWL, Sec 30, T - 24S, R - 37E, Lee County, New Mexico																							
		SPUD DATE: TD 3790 KB 3,285'		DF 3282'																					
INT. COMP. DATE: 06/26/50 PBDT 3790 GL 3,274'																									
		GEOLOGICAL DATA																							
		ELECTRIC LOGS: GR-N from surface - 3150' (6-25-50) Temperature Log from 500 - 3060' (5-26-50 Halliburton) GR - CCL (6-3-99 Schlumberger) Trac III (9-27-76 Cardinal Surveys Co.) Compensated Neutron log f/ 3793' to 2830' 6/14/05																							
		CORES, DST'S or MUD LOGS:																							
		HYDROCARBON BEARING ZONE DEPTH TOPS: Yates @ 2975'																							
		CASING PROFILE																							
		SURF. 9 5/8" - 32# J-55 set@ 1139' Cmt'd w/600 sxs - circ cmt to surf.																							
		PROD. 7" - 20# J-55 set@ 3148' Cmt'd w/400 sxs - TOC @ 1480' from surface by Temperature Survey.																							
		LINER None																							
		CURRENT PERFORMANCE DATA																							
		CSG. PERFS: 3040 - 3140' w/ 6 spf 2964 - 2994' & 3000 - 3026' w/ 2 spf (116 holes total) Perf'd f/ 3772'-76", 3742'-46", 3723'-28", 3537'-42", 3597'-99", 355'-62", 3454'-59", 3432'-37", 3414'-16", 3164'-6" at 2 JHPF 3115'-20", 3094'-99", 3076'-81", 3050'-55", 3010'-15" & 2980'-85" at 1 JHPF.																							
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		TUBING DETAIL																							
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WELL HISTORY SUMMARY																									
<p>26-May-50 Initial completion interval: (Yates) 3040 - 3140' w/ 6 spf; treated w/ 500 gals acid. IP = 59 bopd, 0 bwopd, & GOR=1170, (flowing) API Grvty = 35.4</p> <p>1-Jul-74 Tagged fill @ 3140'. Did not C/O.</p> <p>31-Jul-75 Producing 40 bopd & 0 bwopd (pumping)</p> <p>17-Sep-75 Producing 19 bopd & 9 bwopd (pumping)</p> <p>6-Oct-75 C/O fill from 3128 - 45' (17')</p> <p>19-Dec-75 Producing 12 bopd & 45 bwopd (pumping)</p> <p>12-Jun-76 Producing 8 bopd & 61 bwopd (pumping)</p> <p>14-Sep-94 C/O fill from 3124 - 48' (24'). Acct'd perfs(3040 - 3140') w/ 4,000 gals 20% NEFE HCL & 700#s rock salt in 3 stages. AIR= 1 bpm @ 875 psig. ISIP=770 psi. P10min=vacuum. Swab back 10 bbls of load. Swabbed dry. Rts rskr & circ out rock salt from 3117'-3148'. Ran production equipment. After WO: 20 bopd, 74 bwopd, & 8 Mcfcpd.</p> <p>2-Jun-99 Tagged TD w/ 6 1/4" bit & 7" scraper. Ran GR-CCL from 3148 - 2000'. Perf'd: 2964 - 2994' & 3000 - 3026' w/ 2 jpf @ 120 deg phasing. (116 holes total - .42" dia.). Adz'd perfs 2964 - 3140' w/3,500 gals 15% NEFE HCL thru sonic hammer tool. AIR= 3 bpm @ 1,000 psig. Isolated perfs 2964 - 3026'. Acct'd perfs (2964 - 3026') w/ 3,000 gals 15% NEFE HCL dropping 1250#s rock salt in 3 block stages. AIR=4 bpm @ 1300 psi. ISIP=vacuum. Return well to production. After WO: 9 bopd, 57 bwopd, & 31 Mcfcpd.</p> <p>6-Jun-05 POOH with rods and pump. Scenelog tubing out of hole, left 5' of 3 1/2" Mud Anchor RIH with 6" shoe w/ wire, tagged at 3,142'. Recovered remaining of Mud Anchor. RIH w/ 6 1/8" Mill Tooth Bit & 20 - 4 1/2" drill collars. Drilled f/3142' to 3153'. RIH with BHA & 6 1/8" button bit. Drilling 24 hrs per day. Drilled from 3153' to 3561' in ~ 5 days. RIH with new button bit. drilled f/ 3561' to TD at 3790' in 3 days. Picked up 5 1/2" Liner, would make up properly. Instead RIH with 4 1/2" liner. TOL at 2830'. BOL at 3793'. Ran Compensated Neutron log f/ 3793' to 2830'. Perf'd f/ 3772'-76", 3742'-46", 3723'-28", 3637'-42", 3597'-99", 3655'-62", 3454'-59", 3432'-37", 3414'-16", 3164'-6" at 2 JHPF; 3115'-20", 3094'-99", 3076'-81", 3050'-55", 3010'-15" & 2980'-85" at 1 JHPF. Frac'd 2980' to 3792' with 1350 bbls 30# XL plus 119,000# 12/30 mesh sand. AIR= 30.5 BPM. Pavg= 1935#. ISIP= 925#. Cleaned frac sand f/3434' to 3790' with notched collar. RIH with 2 7/8" tubing, pump and rods. PWOP.</p> <p>15-Jul-05 POOH with rods and shear tool. Tagged at 3713'. POOH with tubing, recovered pump. Lower tubing by 4 joints. PWOP.</p> <p>15-Aug-05 POOH with rods and pump. Tagged at 3710' - 80' of fill. RIH with 2 7/8" bailer, hit liner top at 2896'. RIH with 2 3/8" notch collar, tagged top of liner at 2834'. RIH with CCL log, found liner top at 2896', tagged at 2900'. Could not get inside liner. RIH with impression block to TOL at 2901' - could not make out what impression showed. RIH with 4 3/4" tapered string mill to 2901', rotated and milled TOL 6". RIH with 3 7/8" bit 5' below TOL. could not go further. RIH with 2 3/8" tubing to TOL, could go below TOL. Finally tubing passed TOL to 3710'. RIH with 3 3/4" bit & tbg bailer, bailed sand from 3710' to 3780'. Left 1 1/4" 8' 50 slot sand screen in hole. PWOP.</p>																									
<p>2964 - 94'</p> <p>3000 - 26'</p> <p>3040 - 3140'</p> <p>3164'-67'</p> <p>3414'-16'</p> <p>3432'-37'</p> <p>3454'-59'</p> <p>3558'-62'</p> <p>3597'-99'</p> <p>3655'-62'</p> <p>3723'-28'</p> <p>3742'-46'</p> <p>3772'-76'</p>																									