

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address SDG Resources 1008 W. Broadway Hobbs, NM 88240		² OGRID Number 193003
³ Property Code 029159		⁴ API Number 30-025-11134
⁵ Property Name Cooper Jal Unit		⁶ Well No. 102

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	24S	37E		660 880	North	1980	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	24S	37E		660 880	North	1980	East	Lea

⁹ Proposed Pool 1

Jalmat T-Y-SR

¹⁰ Proposed Pool 2

Langlie Mattix; SR-Q-GB

¹¹ Work Type Code E	¹² Well Type Code 0	¹³ Cable/Rotary *	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 3302GL
¹⁶ Multiple No	¹⁷ Proposed Depth 3835	¹⁸ Formation Yates Seven Rivers	¹⁹ Contractor	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
		See Original	Completion		

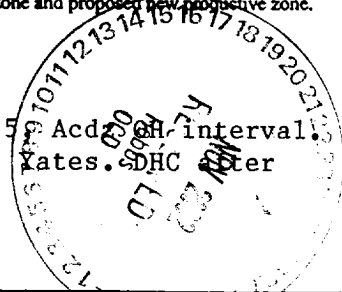
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

*Mesa Well Service of Texas Pulling Unit

Re-Entry of Plugged Well. CO to old TD 3580. Deepen to 3835. Add on interval. Perf. SR & Yates & Acdz & Frac new perfs. Test Yates, Prod. Yates. SDHC after approval from Santa Fe. Return to prod.

DHC-3075



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Gaye Heard</i>		OIL CONSERVATION DIVISION ORIGINAL SIGNED BY PAUL E. KAUTZ MAR 27 2003	
Printed name: Gaye Heard		Title: PETROLEUM ENGINEER	
Title: Agent		Approval Date: MAR 27 2003	
Date: 11/25/02		Expiration Date:	
Phone: 505/393-2727		Conditions of Approval:	
		Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval
Date Unless Being Underway
Re-Entry

J
C
A
K

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State of New Mexico
Energy, Minerals & Natural Resources DepartmentOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505Form C-102
Revised August 15, 2000Submit to Appropriate District Office
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Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-11134	Pool Code 33820	Pool Name Jalmat T-Y-SR
Property Code 029159	Property Name Cooper Jal Unit	Well Number 102
OGRID No. 193003	Operator Name SDG Resources	Elevation 3302GL

¹⁰ Surface Location

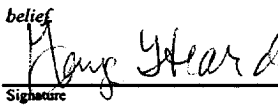
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
B	18	24S	37E	666	880	North	1980	East	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
B	18	24S	37E	666	880	North	1980	East	Lea

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				1980' FEL	FEL	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Gaye Heard Printed Name Agent Title 11/25/02 Date
						¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 11134		Pool Code 37240	Pool Name Langlie Mattix
Property Code 029159	Property Name Cooper Jal Unit		Well Number 102
GRID No. 193003	Operator Name SDG Resources		Elevation 3302 GL

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	24S	37E		880	North	1980	East	Lea

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code		Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	880 FNL	1980	FEL	17 OPERATOR CERTIFICATION	
				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
				Signature <i>Gaye Heard</i>	
				Printed Name Gaye Heard Agent Title Date 09/24/02	
				18 SURVEYOR CERTIFICATION	
				I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
				Date of Survey Signature and Seal of Professional Surveyor	
				Certificate Number	

09/26/02 12:06pm P. 002

Sep 20 02 01:33p

Vista

915-367-2678

P. 1

NL Shaffer

Pressure Control

RAM ASSEMBLIES AND PARTS FOR SENTINEL BOPS

SENTINEL RAM ASSEMBLIES 7 1/2" BORE — 3,000 psi WORKING PRESSURE				
Part O.D. (Inches)	Complete Assembly	Base Block	Face Bracket	
ESD	721775	721750	721755	
1.315	721775	721750	721755	
1.850	721775	721750	721755	
1.900	721775	721750	721755	
2.000	721775	721750	721755	
2.100	721775	721750	721755	
2.200	721775	721750	721755	
2.300	721775	721750	721755	
2.400	721775	721750	721755	
2.500	721775	721750	721755	
2.600	721775	721750	721755	
2.700	721775	721750	721755	
Common Part Numbers: 721520 Flange Bolts 721527 Top Flange				

* These blocks and holders normally available from stock

16	Base Plate	2
18	Base Plate	2
20	Base Plate	2
22	Base Plate	2
24	Base Plate	2
26	Base Plate	2
28	Base Plate	2
30	Base Plate	2
32	Base Plate	2
34	Base Plate	2
36	Base Plate	2
38	Base Plate	2
40	Base Plate	2
42	Base Plate	2
44	Base Plate	2
46	Base Plate	2
48	Base Plate	2
50	Base Plate	2
52	Base Plate	2
54	Base Plate	2
56	Base Plate	2
58	Base Plate	2
60	Base Plate	2
62	Base Plate	2
64	Base Plate	2
66	Base Plate	2
68	Base Plate	2
70	Base Plate	2
72	Base Plate	2
74	Base Plate	2
76	Base Plate	2
78	Base Plate	2
80	Base Plate	2
82	Base Plate	2
84	Base Plate	2
86	Base Plate	2
88	Base Plate	2
90	Base Plate	2
92	Base Plate	2
94	Base Plate	2
96	Base Plate	2
98	Base Plate	2
100	Base Plate	2

* Quantity for single report BOP. Double quantity for dual mode.
All quantities are in thousands.

SENTINEL OFFSET RAM ASSEMBLIES				
7 1/2" BORE — 3,000 psi WORKING PRESSURE				
Site and Location	Complete Assembly	Block	Face Gasket	Block Gasket
Single Mount				
7 x 1.315 — RH	721682	721675	721678	721679
7 x 1.315 — LH	721683	721675	721678	721679
7 x 1.650 — RH	721684	721675	721678	721679
7 x 1.650 — LH	721685	721675	721678	721679
7 x 1.900 — RH	721686	721675	721678	721679
7 x 1.900 — LH	721687	721675	721678	721679
7 x 2.100 — RH	721688	721675	721678	721679
7 x 2.100 — LH	721689	721675	721678	721679
7 x 2.300 — RH	721690	721675	721678	721679
7 x 2.300 — LH	721691	721675	721678	721679
7 x 2.500 — RH	721692	721675	721678	721679
7 x 2.500 — LH	721693	721675	721678	721679
7 x 2.700 — RH	721694	721675	721678	721679
7 x 2.700 — LH	721695	721675	721678	721679
7 x 2.900 — RH	721696	721675	721678	721679
7 x 2.900 — LH	721697	721675	721678	721679
Dual Mount				
7 x 2.100 — RH	721698	721675	721678	721679
7 x 2.100 — LH	721699	721675	721678	721679
7 x 2.300 — RH	721700	721675	721678	721679
7 x 2.300 — LH	721701	721675	721678	721679
Common Part Numbers				
	721620 Flare Holder			
	721622 Top Nut/Bolt			