

District I  
1015 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

<sup>1</sup> Operator Name and Address SDG Resources 1008 W. Broadway Hobbs, NM 88240		<sup>2</sup> OGRID Number 193003
		<sup>3</sup> API Number 30-025-11144
<sup>4</sup> Property Code 029159	<sup>5</sup> Property Name Cooper Jal Unit	<sup>6</sup> Well No. 119

<sup>7</sup> Surface Location

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

<sup>8</sup> 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

<sup>9</sup> Proposed Pool 1

Jalmat; T-Y-SR

<sup>10</sup> Proposed Pool 2

Langlie Mattix; SR-Q-GB

<sup>11</sup> Work Type Code E	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary *	<sup>14</sup> Lease Type Code Fee	<sup>15</sup> Ground Level Elevation 3303 DF
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 3854	<sup>18</sup> Formation Yates Seven Rivers	<sup>19</sup> Contractor	<sup>20</sup> Spud Date ASAP

<sup>21</sup> Proposed Casing and Cement Program

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

<sup>22</sup> 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-enter plugged well. DO cmt & CO to 3597 & deepen to 3854; acdz OH 3438-3597.  
Perf Yates & Seven Rivers, acdz & frac. Test Yates. DHC after approval from Santa Fe. Return to prod.

DHC-3080

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

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

Re-Entry

5  
C  
A  
K

District I  
1625 N. French Dr., Hobbs, NM 88240

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State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-11144		Pool Code 33820	Pool Name Jalmat T-Y-SR
Property Code 029159	Property Name Cooper Jal Unit		Well Number 119
OGRID No. 193003	Operator Name SDG Resources		Elevation 3303 DF

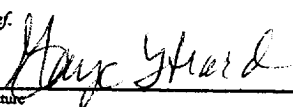
<sup>10</sup> Surface Location

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

<sup>11</sup> 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					<sup>17</sup> 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
					<sup>18</sup> 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

660' FSL 660' FEL

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State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-11144	Pool Code 37240	Pool Name Langlie Mattix
Property Code 029159	Property Name Cooper Jal Unit	Well Number 119
OGRID No. 193003	Operator Name SDG Resources	Elevation 3303 DF

<sup>10</sup> Surface Location

UL or lot no. P	Section 18	Township 24S	Range 37E	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line East	County Lea
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<sup>11</sup> 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
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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

<sup>16</sup>					<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Gaye Heard</i> Signature Gaye Heard Printed Name Agent Title 09/24/02 Date
					<sup>18</sup> 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

660 FSL 660 FEL

09/20/02 12:08pm 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 No. (Metric)	Complete Assembly	Item Block	Part Number	
ESD	721725	721725	721725	
1.015	721725	721725	721725	
1.040	721725	721725	721725	
1.900	721725	721725	721725	
2.015	721725	721725	721725	
2.040	721725	721725	721725	
2.015	721725	721725	721725	
2.040	721725	721725	721725	
2.015	721725	721725	721725	
2.040	721725	721725	721725	
2.015	721725	721725	721725	
2.040	721725	721725	721725	
2.015	721725	721725	721725	
2.040	721725	721725	721725	

Complete Part Numbers: 721520 (Left Hand)  
721521 (Right Hand)

These blocks and rubbers normally available from SDG.

17	See Plate	2
18	See Plate	2
19	See Plate	2
20	See Plate	2
21	See Plate	2
22	See Plate	2
23	See Plate	2
24	See Plate	2
25	See Plate	2
26	See Plate	2
27	See Plate	2
28	See Plate	2
29	See Plate	2
30	See Plate	2
31	See Plate	2
32	See Plate	2
33	See Plate	2
34	See Plate	2
35	See Plate	2
36	See Plate	2
37	See Plate	2
38	See Plate	2
39	See Plate	2
40	See Plate	2
41	See Plate	2
42	See Plate	2
43	See Plate	2
44	See Plate	2
45	See Plate	2
46	See Plate	2
47	See Plate	2
48	See Plate	2
49	See Plate	2
50	See Plate	2
51	See Plate	2
52	See Plate	2
53	See Plate	2
54	See Plate	2
55	See Plate	2
56	See Plate	2
57	See Plate	2
58	See Plate	2
59	See Plate	2
60	See Plate	2
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87	See Plate	2
88	See Plate	2
89	See Plate	2
90	See Plate	2
91	See Plate	2
92	See Plate	2
93	See Plate	2
94	See Plate	2
95	See Plate	2
96	See Plate	2
97	See Plate	2
98	See Plate	2
99	See Plate	2
100	See Plate	2

\* Quantity for single model BOP. Double quantity for dual model.  
All quantities are in parentheses.

SENTINEL OFFSET RAM ASSEMBLIES				
7 1/2" BORE — 3,000 psi WORKING PRESSURE				
Size and Location *	Complete Assembly	Block	Face	Blow Count
		Single (Block)	Flange	
7 1/2" x 15' — RH	721602	721602	721602	721602
7 1/2" x 15' — LH	721603	721603	721603	721603
7 1/2" x 15' — RH	721604	721604	721604	721604
7 1/2" x 15' — LH	721605	721605	721605	721605
7 1/2" x 15' — RH	721606	721606	721606	721606
7 1/2" x 15' — LH	721607	721607	721607	721607
7 1/2" x 15' — RH	721608	721608	721608	721608
7 1/2" x 15' — LH	721609	721609	721609	721609
Only 1000 psi				
7 1/2" x 15' — RH	721610	721610	721610	721610
7 1/2" x 15' — LH	721611	721611	721611	721611
7 1/2" x 15' — RH	721612	721612	721612	721612
7 1/2" x 15' — LH	721613	721613	721613	721613
7 1/2" x 15' — RH	721614	721614	721614	721614
7 1/2" x 15' — LH	721615	721615	721615	721615
Only 1000 psi				
7 1/2" x 15' — RH	721616	721616	721616	721616
7 1/2" x 15' — LH	721617	721617	721617	721617
7 1/2" x 15' — RH	721618	721618	721618	721618
7 1/2" x 15' — LH	721619	721619	721619	721619
Only 1000 psi				
7 1/2" x 15' — RH	721620	721620	721620	721620
7 1/2" x 15' — LH	721621	721621	721621	721621
7 1/2" x 15' — RH	721622	721622	721622	721622
7 1/2" x 15' — LH	721623	721623	721623	721623
7 1/2" x 15' — RH	721624	721624	721624	721624
7 1/2" x 15' — LH	721625	721625	721625	721625
7 1/2" x 15' — RH	721626	721626	721626	721626
7 1/2" x 15' — LH	721627	721627	721627	721627
7 1/2" x 15' — RH	721628	721628	721628	721628
7 1/2" x 15' — LH	721629	721629	721629	721629
7 1/2" x 15' — RH	721630	721630	721630	721630
7 1/2" x 15' — LH	721631	721631	721631	721631
7 1/2" x 15' — RH	721632	721632	721632	721632
7 1/2" x 15' — LH	721633	721633	721633	721633
7 1/2" x 15' — RH	721634	721634	721634	721634
7 1/2" x 15' — LH	721635	721635	721635	721635
7 1/2" x 15' — RH	721636	721636	721636	721636
7 1/2" x 15' — LH	721637	721637	721637	721637
7 1/2" x 15' — RH	721638	721638	721638	721638
7 1/2" x 15' — LH	721639	721639	721639	721639
7 1/2" x 15' — RH	721640	721640	721640	721640
7 1/2" x 15' — LH	721641	721641	721641	721641
7 1/2" x 15' — RH	721642	721642	721642	721642
7 1/2" x 15' — LH	721643	721643	721643	721643
7 1/2" x 15' — RH	721644	721644	721644	721644
7 1/2" x 15' — LH	721645	721645	721645	721645
7 1/2" x 15' — RH	721646	721646	721646	721646
7 1/2" x 15' — LH	721647	721647	721647	721647
7 1/2" x 15' — RH	721648	721648	721648	721648
7 1/2" x 15' — LH	721649	721649	721649	721649
7 1/2" x 15' — RH	721650	721650	721650	721650
7 1/2" x 15' — LH	721651	721651	721651	721651
7 1/2" x 15' — RH	721652	721652	721652	721652
7 1/2" x 15' — LH	721653	721653	721653	721653
7 1/2" x 15' — RH	721654	721654	721654	721654
7 1/2" x 15' — LH	721655	721655	721655	721655
7 1/2" x 15' — RH	721656	721656	721656	721656
7 1/2" x 15' — LH	721657	721657	721657	721657
7 1/2" x 15' — RH	721658	721658	721658	721658
7 1/2" x 15' — LH	721659	721659	721659	721659
7 1/2" x 15' — RH	721660	721660	721660	721660
7 1/2" x 15' — LH	721661	721661	721661	721661
7 1/2" x 15' — RH	721662	721662	721662	721662
7 1/2" x 15' — LH	721663	721663	721663	721663
7 1/2" x 15' — RH	721664	721664	721664	721664
7 1/2" x 15' — LH	721665	721665	721665	721665
7 1/2" x 15' — RH	721666	721666	721666	721666
7 1/2" x 15' — LH	721667	721667	721667	721667
7 1/2" x 15' — RH	721668	721668	721668	721668
7 1/2" x 15' — LH	721669	721669	721669	721669
7 1/2" x 15' — RH	721670	721670	721670	721670
7 1/2" x 15' — LH	721671	721671	721671	721671
7 1/2" x 15' — RH	721672	721672	721672	721672
7 1/2" x 15' — LH	721673	721673	721673	721673
7 1/2" x 15' — RH	721674	721674	721674	721674
7 1/2" x 15' — LH	721675	721675	721675	721675
7 1/2" x 15' — RH	721676	721676	721676	721676
7 1/2" x 15' — LH	721677	721677	721677	721677
7 1/2" x 15' — RH	721678	721678	721678	721678
7 1/2" x 15' — LH	721679	721679	721679	721679
7 1/2" x 15' — RH	721680	721680	721680	721680
7 1/2" x 15' — LH	721681	721681	721681	721681
7 1/2" x 15' — RH	721682	721682	721682	721682
7 1/2" x 15' — LH	721683	721683	721683	721683
7 1/2" x 15' — RH	721684	721684	721684	721684
7 1/2" x 15' — LH	721685	721685	721685	721685
7 1/2" x 15' — RH	721686	721686	721686	721686
7 1/2" x 15' — LH	721687	721687	721687	721687
7 1/2" x 15' — RH	721688	721688	721688	721688
7 1/2" x 15' — LH	721689	721689	721689	721689
7 1/2" x 15' — RH	721690	721690	721690	721690
7 1/2" x 15' — LH	721691	721691	721691	721691
7 1/2" x 15' — RH	721692	721692	721692	721692
7 1/2" x 15' — LH	721693	721693	721693	721693
7 1/2" x 15' — RH	721694	721694	721694	721694
7 1/2" x 15' — LH	721695	721695	721695	721695
7 1/2" x 15' — RH	721696	721696	721696	721696
7 1/2" x 15' — LH	721697	721697	721697	721697
7 1/2" x 15' — RH	721698	721698	721698	721698
7 1/2" x 15' — LH	721699	721699	721699	721699
7 1/2" x 15' — RH	721700	721700	721700	721700
7 1/2" x 15' — LH	721701	721701	721701	721701
7 1/2" x 15' — RH	721702	721702	721702	721702
7 1/2" x 15' — LH	721703	721703	721703	721703
7 1/2" x 15' — RH	721704	721704	721704	721704
7 1/2" x 15' — LH	721705	721705	721705	721705
7 1/2" x 15' — RH	721706	721706	721706	721706
7 1/2" x 15' — LH	721707	721707	721707	721707
7 1/2" x 15' — RH	721708	721708	721708	721708
7 1/2" x 15' — LH	721709	721709	721709	721709
7 1/2" x 15' — RH	721710	721710	721710	721710
7 1/2" x 15' — LH	721711	721711	721711	721711
7 1/2" x 15' — RH	721712	721712	721712	721712
7 1/2" x 15' — LH	721713	721713	721713	721713
7 1/2" x 15' — RH	721714	721714	721714	721714
7 1/2" x 15' — LH	721715	721715	721715	721715
7 1/2" x 15' — RH	721716	721716	721716	721716
7 1/2" x 15' — LH	721717	721717	721717	721717
7 1/2" x 15' — RH	721718	721718	721718	721718
7 1/2" x 15' — LH	721719	721719	721719	721719
7 1/2" x 15' — RH	721720	721720	721720	721720
7 1/2" x 15' — LH	721721	721721	721721	721721
7 1/2" x 15' — RH	721722	721722	721722	721722
7 1/2" x 15' — LH	721723	721723	721723	721723
7 1/2" x 15' — RH	721724	721724	721724	721724
7 1/2" x 15' — LH	721725	721725	721725	721725
7 1/2" x 15' — RH	721726	721726	721726	721726
7 1/2" x 15' — LH	721727	721727	721727	721727
7 1/2" x 15' — RH	721728	721728	721728	721728
7 1/2" x 15' — LH	721729	721729	721729	721729
7 1/2" x 15' — RH	721730	721730	721730	721730
7 1/2" x 15' — LH	721731	721731	721731	721731
7 1/2" x 15' — RH	721732	721732	721732	721732
7 1/2" x 15' — LH	721733	721733	721733	721733
7 1/2" x 15' — RH	721734	721734	721734	721734
7 1/2" x 15' — LH	721735	721735	721735	721735
7 1/2" x 15' — RH	721736	721736	721736	721736
7 1/2" x 15' — LH	721737	721737	721737	721737
7 1/2" x 15' — RH	721738	721738	721738	721738
7 1/2" x 15' — LH	721739	721739	721739	721739
7 1/2" x 15' — RH	721740	721740	721740	721740
7 1/2" x 15' — LH	721741	721741	721741	721741
7 1/2" x 15' — RH	721742	721742	721742	721742
7 1/2" x 15' — LH	721743	721743	721743	721743
7 1/2" x 15' — RH	721744	721744	721744	721744
7 1/2" x 15' — LH	721745	721745	721745	721745
7 1/2" x 15' — RH	721746	721746	721746	721746
7 1/2" x 15' — LH	721747	721747	721747	721747
7 1/2" x 15' — RH	721748	721748	721748	721748
7 1/2" x 15' — LH	721749	721749	721749	721749
7 1/2" x 15' — RH	721750	721750	721750	721750
7 1/2" x 15' — LH	721751	721751	721751	721751
7 1/2" x 15' — RH	721752	721752	721752	721752
7 1/2" x 15' — LH	721753	721753	721753	721753
7 1/2" x 15' — RH	721754	721754	721754	721754
7 1/2" x 15' — LH	721755	721755	721755	721755
7 1/2" x 15' — RH	721756	721756	721756	721756
7 1/2" x 15' — LH	721757	721757	721757	721757
7 1/2" x 15' — RH	721758	721758	721758	721758
7 1/2" x 15' — LH	721759	721759	721759	721759
7 1/2" x 15' — RH	721760	721760	721760	721760
7 1/2" x 15' — LH	721761	721761	721761	721761
7 1/2" x 15' — RH	721762	721762	721762	721762
7 1/2" x 15' — LH	721763	721763	721763	721763
7 1/2" x 15' — RH	721764	721764	721764	721764
7 1/2" x 15' — LH	721765	721765	721765	721765
7 1/2" x 15' — RH	721766	721766	721766	721766
7 1/2" x 15' — LH	721767	721767	721767	721767
7 1/2" x 15' — RH	721768	721768	721768	721768
7 1/2" x 15' — LH	721769	721769	721769	721769
7 1/2" x 15' — RH	721770	721770	721770	721770
7 1/2" x 15' — LH	721771	721771	721771	721771
7 1/2" x 15' — RH	721772	721772	721772	721772
7 1/2" x 15' — LH	721773	721773	721773	721773
7 1/2" x 15' — RH	721774	721774	721774	721774
7 1/2" x 15' — LH	721775	721775	721775	721775
7 1/2" x 15' — RH	721776	721776	721776	721776
7 1/2" x 15' — LH	721777	721777	721777	721777
7 1/2" x 15' — RH	721778	721778	721778	721778
7 1/2" x 15' — LH	721779	721779	721779	721779
7 1/2" x 15' — RH	721780	721780	721780	721780
7 1/2" x 15' — LH	721781	721781	721781	721781
7 1/2" x 15' — RH	721782	721782	721782	721782
7 1/2" x 15' — LH	721783	721783	721783	721783
7 1/2" x 15' — RH	721784	721784	721784	721784
7 1/2" x 15' — LH	721785	721785	721785	721785
7 1/2" x 15' — RH	721786	721786	721786	721786