

strict 1

1625 N. French Dr., Hobbs, NM 88240  
**District II**  
 1301 W. Grand Avenue, Artesia, NM 88210  
**District III**  
 1000 Rio Brazos Road, 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-101  
 May 27, 2004

Oil Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

RECEIVED

JUN 30 2006

Submit to appropriate District Office

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address SDX Resources, Inc. PO Box 5061 Midland, TX 79704		<sup>2</sup> OGRID Number 020451
<sup>3</sup> Property Code 20563	<sup>4</sup> Property Name Marathon 26 State	<sup>5</sup> API Number 30 - 015 - 35003 <sup>6</sup> Well No. 19
<sup>9</sup> Proposed Pool 1 Red Lake, QN-GB-SA		<sup>10</sup> Proposed Pool 2

<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
A	26	17S	28E		330	North	330	East	Eddy

<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

## Additional Well Information

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3674
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 4500	<sup>18</sup> Formation GR-SA	<sup>19</sup> Contractor United	<sup>20</sup> Spud Date 9/06
Depth to Groundwater >100		Distance from nearest fresh water well >1000		Distance from nearest surface water >1000
Pit: Liner: Synthetic X <u>12</u> mils thick Clay <input type="checkbox"/> Pit Volume: 8000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine X Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	400	300	Surf
7-7/8"	5-1/2"	15.5#	4500	575	Surf

<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.

Plan to drill a 12-1/4" hole to appx 400' & set 8-5/8" surf csg to 400'. Circ CI C cmt. Drill 7-7/8" hole to TD (4500'). Run OH logs. Run 5-1/2" csg & circ 50/50 POZ CI C cmt. Perf the GB-SA zone & stimulate as necessary for optimum production.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Bonnie Atwater

Title: Regulatory Tech 6/28/06

E-mail Address: batwater@sdresources.com

Date:

Phone: 432/685-1761

## OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

Title:

DISTRICT II GEOLOGIST

Approval Date:

JUL 14 2006

Expiration Date:

JUL 14 2007

Conditions of Approval Attached ☐

District 1  
1023 N. French Dr., Hobbs, NM 88240

**District II**

811 South First, Artesia, NM 88210

2025 RELEASE UNDER E.O. 14176

1000 Rio Bruzoe Rd., Aztec, NM 87410

**District IV**

**2940 South Pacheco, Santa Fe, NM 87506**

**State of New Mexico  
Energy, Minerals & Natural Resources**

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised March 17, 1999

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

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
		51300	Red Lake QN-GB-SA
Property Code	Property Name		Well Number
20563	MARATHON 26 STATE		19
OGRID No.	Operator Name		Elevation
020451	SDX RESOURCES, INC.		3674.

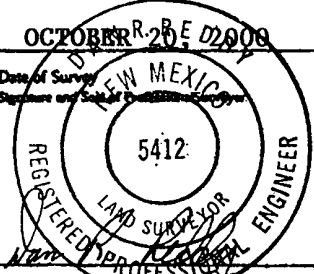
### **10 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	17-S	28-E		330	NORTH	330	EAST	EDDY

**" Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
<sup>11</sup> Dedicated Acres 40	<sup>12</sup> Joint or Infill	<sup>13</sup> Consolidation Code		<sup>14</sup> 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**

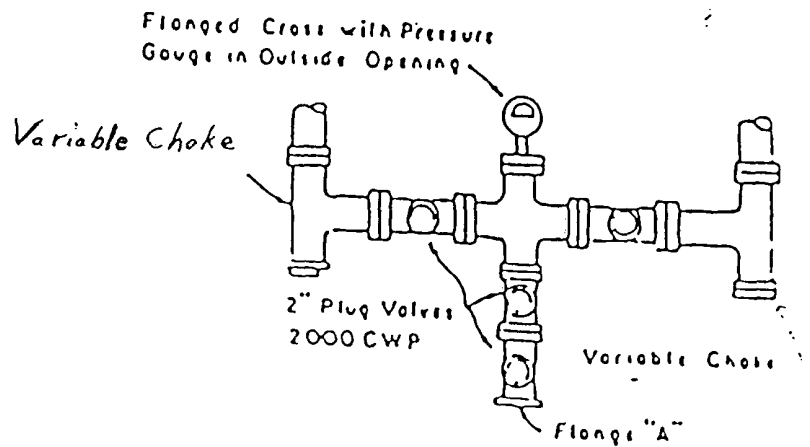
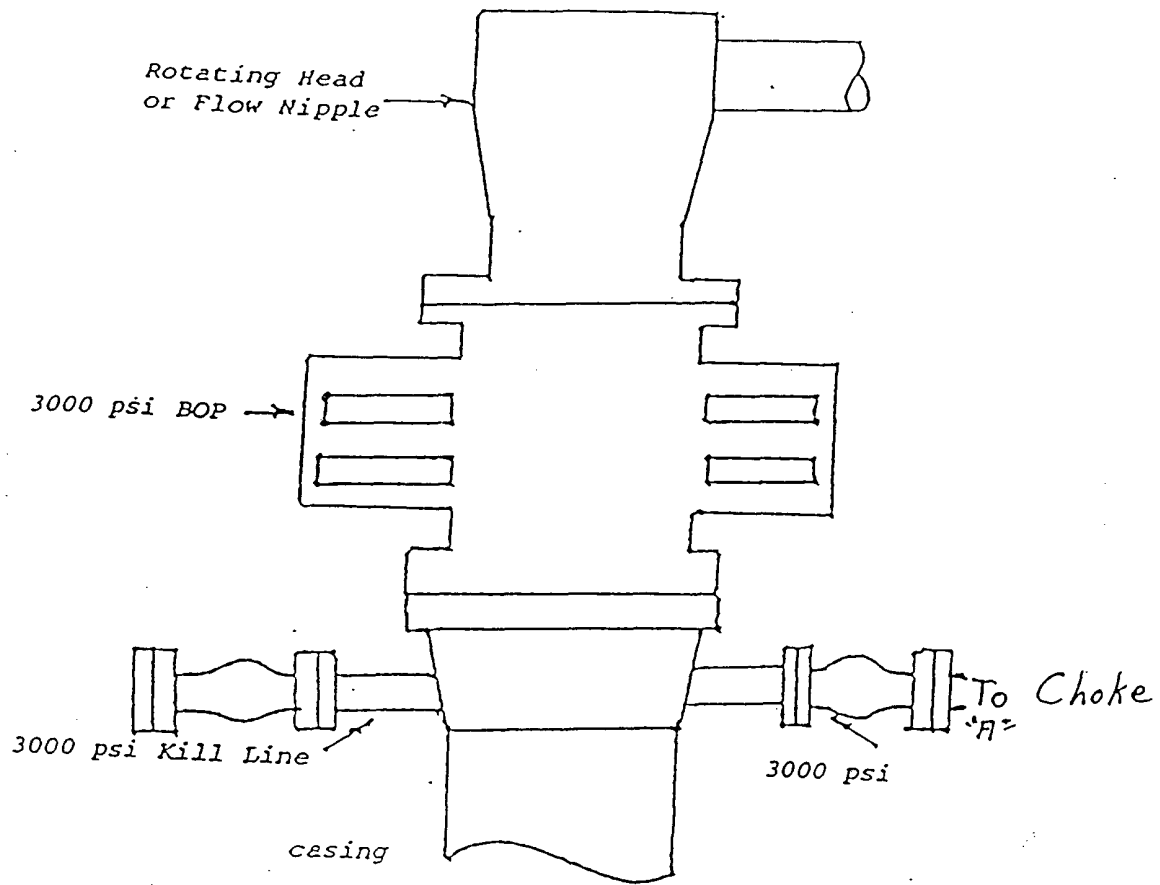
16				330 330	<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
					Signature <u>Bonnie Atwater</u>
					Printed Name Bonnie Atwater
					Title Regulatory Tech Date 11/9/00
					<b>18 SURVEYOR CERTIFICATION</b> 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.
					OCTOBER 20, 2000 Date of Survey Signature and Seal of Professional Engineer 
					NM REPS NO. 75412

Dug on file

Flange "A"

PLAN VIEW - CHOKE MANIFOLD

Blow Out Preventor Schematic



PLAN VIEW-CHOKE MANIFOLD