

District I

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

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>7</sup> OGRID Number 020451
<sup>3</sup> Property Code 35270		<sup>5</sup> API Number 30-015-34148
<sup>4</sup> Property Name Aspen 32 State Com		<sup>6</sup> Well No. 1
<sup>9</sup> Proposed Pool 1 Empire Penn (76440)		<sup>10</sup> Proposed Pool 2

**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	32	17S	28E		1370	South	1609	East	Eddy

**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 R	<sup>12</sup> Well Type Code SWD	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3669'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 9400'	<sup>18</sup> Formation Penn	<sup>19</sup> Contractor Pool	<sup>20</sup> Spud Date 1/1/06
Depth to Groundwater >100'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic X 12 mils thick Clay <input type="checkbox"/> Pit Volume: 8000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water X Brine X Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
*17-1/2"	13-3/8"	48# H-40	428'	400 sx	Circ
*12-1/4"	9-5/8"	40# N-80	2660'	1100 sx	Circ
8-3/4"	5-1/2"	17# P-110 & N-80	9400'	1000 sx	2000'
*EXISTING					

<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.

Well P&A'd 10/18/05.

Propose to re-enter wellbore w/8-3/4" bit to 9400'. Set 5-1/2" 17# N-80 & P-110 csg & cmt w/1000 sx 50/50 POZ. Est TOC 2000'. Perf & complete well as a SWD from 7600' - 9300'. Work to begin upon approval of C-108.

<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 NMOCD guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name Chuck Morgan

Title: Engineer

E-mail Address: cmorgan@sdresources.com

Date: 11/17/05

Phone: 432/685-1761

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date:

Expiration Date:

NOV 28 2005

NOV 28 2006

Conditions of Approval Attached ☐

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-34148	2 Pool Code 76440	3 Pool Name Empire Penn.
4 Property Code	5 Property Name Aspen 32 State Com	6 Well Number 1
7 OGRID No. 020451	8 Operator Name SDX Resources, Inc.	9 Elevation 3669' GR

10 Surface Location

UL or lot no. J	Section 32	Township 17S	Range 28E	Lot Idn	Feet from the 1370'	North/South line South	Feet from the 1609'	East/West Line East	County Eddy
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11 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
12 Dedicated Acres X 0	13 Joint or Infill B	14 Consolidation Code	15 Order No.						

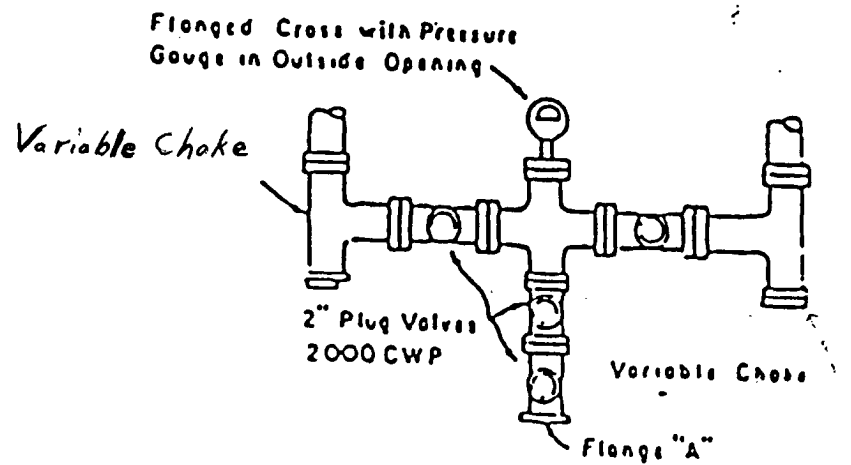
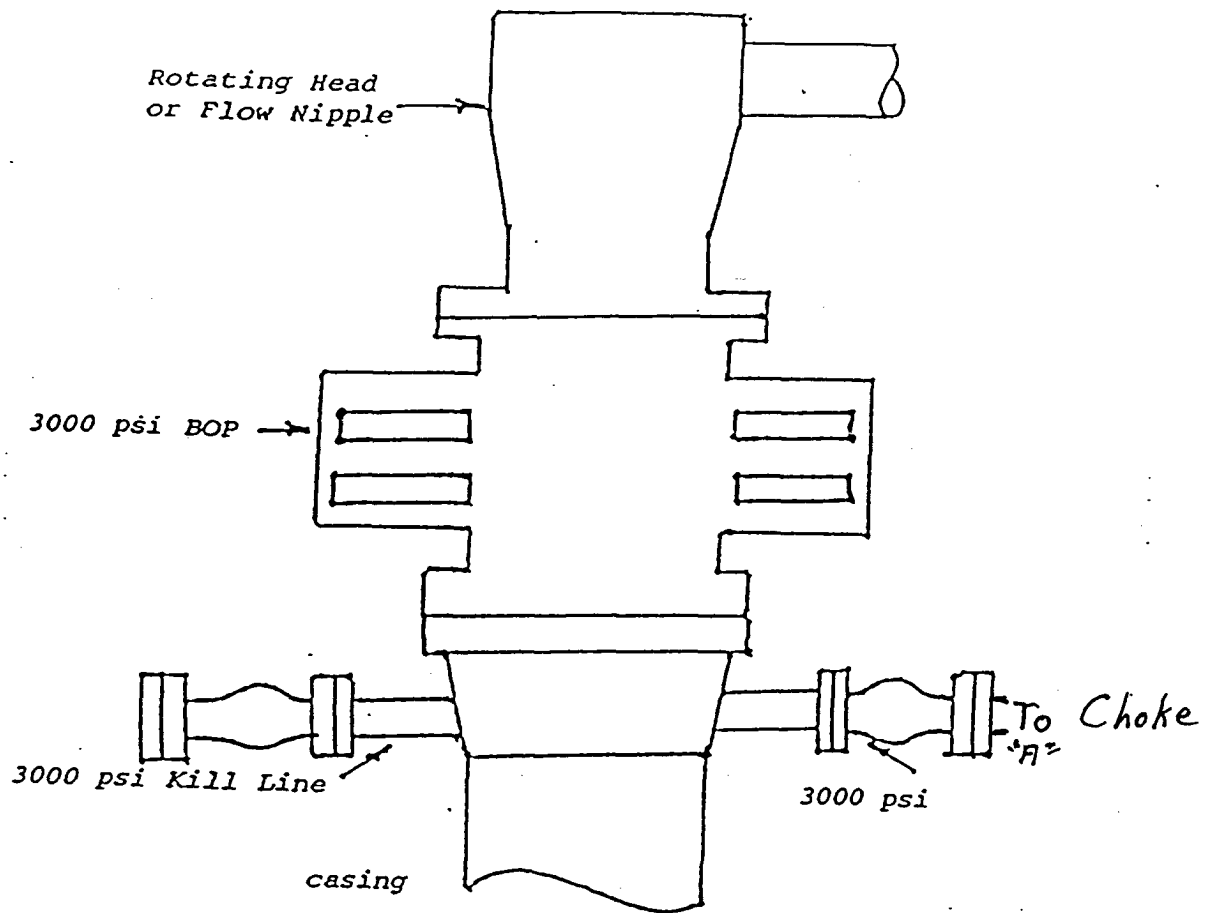
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16										17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Chuck Morgan Printed Name Engineer Title 11/16/05 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 Surveyer:  ORIGINAL ON FILE  Certificate Number

1609'

1370'

Blow Out Preventor Schematic



PLAN VIEW-CHOKE MANIFOLD