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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

JAN 10 2005

CIBP ARTESIA

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

Operator Name and Address SDX Resources, Inc. PO Box 5061 Midland, TX 79704		OGRID Number 020451
Property Code		API Number 30-015-31044
Property Name Geronimo 33 State		Well No. 1
Proposed Pool 1 Empire, Penn		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
F	33	17S	28E		1700	North	2020	West	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
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Additional Well Information

Work Type Code Re-Entry	Well Type Code SWD	Cable/Rotary Rotary	Lease Type Code State	Ground Level Elevation 3665'
Multiple No	Proposed Depth 10,900'	Formation Cisco	Contractor Pool	Spud Date 4/05/05
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

*Existing

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"	54.5#	546'	450 sx	Surf
*12-1/4"	9-5/8"	36#	2703'	950 sx	Surf
*8-3/8" - 9798'	5-1/2"	17#	10,900'	2500 sx	Surf
7-7/8" 9798' - TD					

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 HISTORY: Orig PBTD 10,519'. Perf 10287' - 10295'. CIBP @ 10,200 w/35' cmt Perf 9528' - 34'. CIBP @ 9470' w/35' cmt. Perf 8182' 92', 8204' - 12', 8227' - 34'. CIBP @ 8132' w/35' cmt. Perf 7794' - 7800', 7813' - 17', 7920-32', 7960-66. CIBP @ 7750' w/35' cmt. Perf 7215'-21', 58-66'

P&A'd AS FOLLOWS: 5-1/2" CIBP @ 7165' w/35' of cmt. TOC @ 7130'. Spot 25 sx cmt @ 4550'. TOC @ 4370'. Spot 25 sx cmt @ 3500'. TOC @ 3400' (calc top). Spot 25 sx cmt @ 2675'. TOC 2374'. Perf @ 575'. Sqz 155 sx cmt. TOC @ 230'. Spot 23 sx cmt 84' to surf.

PROPOSE TO RE-ENTER 5-1/2" WELLBORE TO 7300'.

Plan to use steel pits, no below ground pits should be necessary. Test csg above ~7300' & repair if necessary. Sqz perfs 7215' - 66' w/250 sx & test. Drill out to PBTD of 9435' (CIBP @ 9470' w/35' cap). Perf selected intervals from 7500' - 9250'. Stimulate w/acid if necessary for conversion to SWD. Work to commence pending approval of C-108.

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: Bonnie Atwater

Title: Regulatory Tech

E-mail Address: batwater@sdresources.com

Date: 1/6/05

Phone: 432/685-1761

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM

DISTRICT II SUPERVISOR

Title:

Approval Date: JAN 13 2005

Expiration Date: JAN 13 2006

Conditions of Approval Attached ☐

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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-31044	² Pool Code 76440	³ Pool Name Empire, Penn
⁴ Property Code	⁵ Property Name Geronimo 33 State	⁶ Well Number 1
⁷ OGRID No. 020451	⁸ Operator Name SDX Resources, Inc.	⁹ Elevation 3665' GR

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
F	33	17S	28E		1700	North	2020	West	Eddy

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 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Chuck Morgan Printed Name Engineer Title and E-mail Address 1/6/05 Date
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i>
	Date of Survey Signature and Seal of Professional Surveyor:
	; ORIGINAL ON FILE Certificate Number

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1994
Instruction on back
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
Property Code	Property Name GERONIMO "33" STATE CO.		Well Number 1
OGRID No. 025773	Operator Name LOUIS DREYFUS NATURAL GAS CORPORATION		Elevation 3685'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	33	17 S	28 E		1700	NORTH	2020	WEST	EDDY

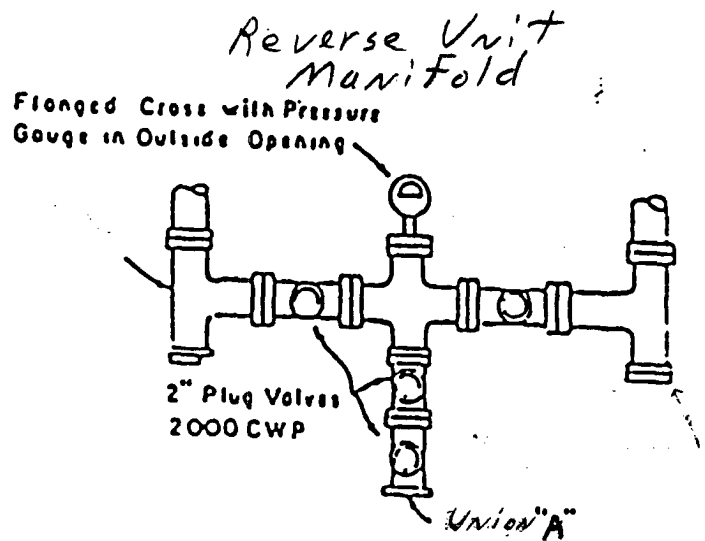
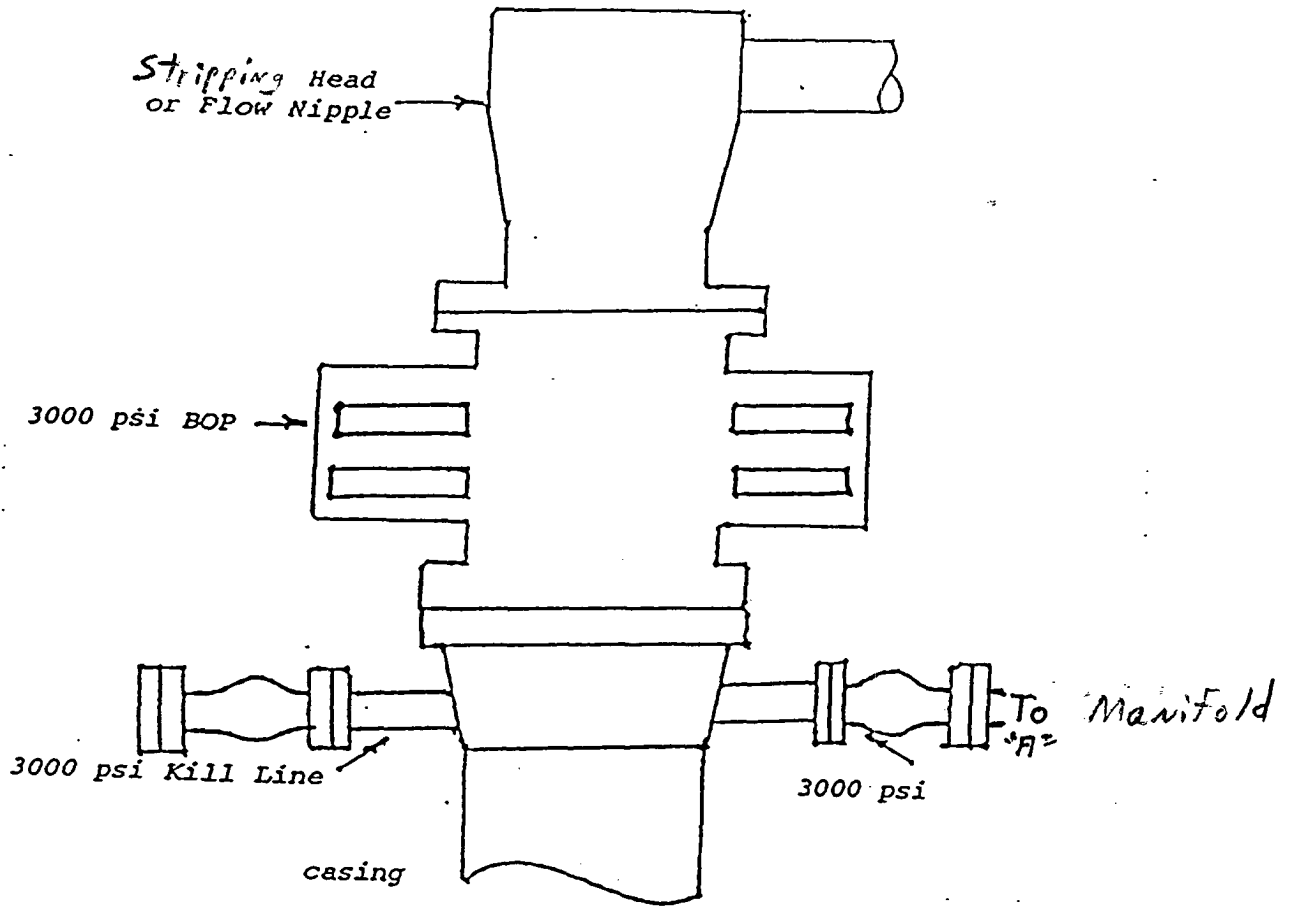
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 410 320	Joint or Infill N	Consolidation Code C	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**

<p>State Lease B-4575-11</p>		<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p style="text-align: center;"><i>Gene Simer</i></p> <hr/> <p>Signature</p> <hr/> <p>Gene Simer</p> <hr/> <p>Printed Name</p> <hr/> <p>District Operations Mgr.</p> <hr/> <p>Title</p> <hr/> <p>03/16/00</p> <hr/> <p>Date</p>
<p>State Lease 647</p>	<p>Lat.: N32°47'36.8" Long.: W104°10'58.2"</p>	<p>SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p style="text-align: center;">March 13, 2000</p> <hr/> <p>Date Surveyed</p> <hr/> <p>Signature & Seal of Professional Surveyor</p> <div style="text-align: center;"> </div> <hr/> <p>W.O.S. No. 0137A</p> <hr/> <p>Certificate No. Gary L. Jones 7977</p>

Blow Out Preventor Schematic



PLAN VIEW - MANIFOLD