

strict 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

Amend
State of New Mexico
Energy Minerals and Natural Resources

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

Form C-101
May 27, 2004

RECEIVED

Submit to appropriate District Office

MAY 23 2005

☐ AMENDED REPORT

OCD-ARTESIA

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

¹ Operator Name and Address SDX Resources, Inc. PO Box 5061 Midland, TX 79704		² OGRID Number 020451
³ Property Code 26503		⁴ API Number 30-015-34085
⁵ Property Name State/State	⁶ Well No. 4	
⁹ Proposed Pool 1 Red Lake, GL-YE (96836)		¹⁰ Proposed Pool 2

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
N	30	17S	28E		990	South	1980	West	Eddy

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
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3625'
¹⁶ Multiple N	¹⁷ Proposed Depth 5000'	¹⁸ Formation GL-YE	¹⁹ Contractor United Drig	²⁰ Spud Date 6/1/05
Depth to Groundwater >50 <1000 <i>10 ft</i>		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: _____ 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"/>				

21 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	325	Surf
7-7/8"	5-1/2"	14#	5000	600	Surf

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.

This APD was originally approved on 4/26/05. Would like to amend the TD to 5000' and Synthetic liner to 12 mil.

Plan to drill a 12-1/4" hole to appx 400' & set 8-5/8" surf csg to 400'. Circ Class C cmt. Drill 7-7/8" hole to TD (5000'). Run OH logs. Run 5-1/2" csg & circ cmt. Perf the GL/YE zone & stimulate as necessary for optimum production.

BOP diagram & H2S statement on original C-101 will not change.

²³ 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 ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Bonnie Atwater

Title: Regulatory Tech

E-mail Address: batwater@sdresources.com

Date: 5/20/05

Phone: 432/685-1761

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

MAY 24 2005

Expiration Date:

MAY 24 2006

Conditions of Approval Attached ☐