

**NM OIL CONS. COMMISSION**

**DRAWER DD**

**ARTESIA, NM 88210 STATES**

**DEPARTMENT OF THE INTERIOR**

**BUREAU OF LAND MANAGEMENT**

CONTACT RECEIVING  
OFFICE FOR "R"  
OF COPIES RE. LRD  
(Other instructions on  
reverse side)

30-015-28247

BLM Roswell District  
Modified Form No.  
MD60-3160-2

C/SF

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM54184	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N.A.	
2. NAME OF OPERATOR SDX Resources, Inc.		7. UNIT AGREEMENT NAME N.A.	
3. ADDRESS OF OPERATOR P.O. Box 5061, Midland, TX. 79704		8. FARM OR LEASE NAME Dunn B Fed. 9814	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2500' FNL, 1330' FEL, unit G, Sec. 10 At proposed prod. zone Same		9. WELL NO. 46	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 15 miles S.E. of Artesia, N.M.		10. FIELD AND POOL, OR WILDCAT Art-Qn-Gb-Sa 3230	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1281' (10')		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10 T18S R28E	
16. NO. OF ACRES IN LEASE 1240		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 832'		20. ROTARY OR CABLE TOOLS rot.	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3613' GR		22. APPROX. DATE WORK WILL START 12/1/94	

**PROPOSED CASING AND CEMENTING PROGRAM**

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	J-55	8rd.	350'	350 "CIRCULATE"
7-7/8"	5-1/2"	14#	J-55	8rd.	4000'	350 POZ
						400 LITE

Plan to drill a 12-1/4" hole to approx. 350'; set 8-5/8" surface casing. Circulate "C" cement. Drill 7-7/8" hole to TD. Run open hole logs. Run 5-1/2" casing and circulate cement. Perforate the San Andres-Grayburg -Queen and stimulate as necessary for optimum production. Specific programs as per Onshore Oil and Gas Order #1 are outlined in the following attachments:

Drilling Program:

Surface Use and Operating Plan

Exhibit #1 Blowout Preventer Equipment

#2 Location and Elevation Plat

#3 Planned Access Roads

#4 One Mile Radius Map

#5 Planned Production Facilities and Access

#6 Drilling Rig Layout

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Charles Morgan TITLE Engr. DATE 10/27/94  
(This space for Federal or State office use)

PERMIT NO. 151 Link Lacemell APPROVAL DATE 12/1/94  
APPROVED BY 151 Link Lacemell TITLE AREA MANAGER DATE 12/1/94  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

District I  
PO Box 1980, Hobbs, NM 88240-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 10, 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

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <i>Artesia - Qn - Gb - Sq</i>
<sup>4</sup> Property Code	<sup>5</sup> Property Name DUNN B FEDERAL	<sup>6</sup> Well Number 46
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name SDX RESOURCES, INC.	<sup>9</sup> Elevation 3613.

<sup>10</sup> Surface Location

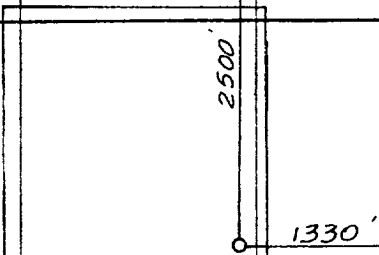
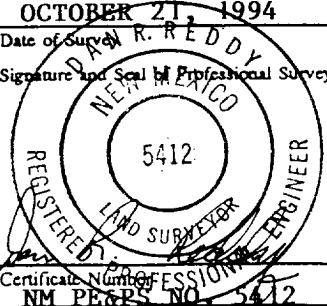
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	10	18S	28E		2500	NORTH	1330	EAST	EDDY

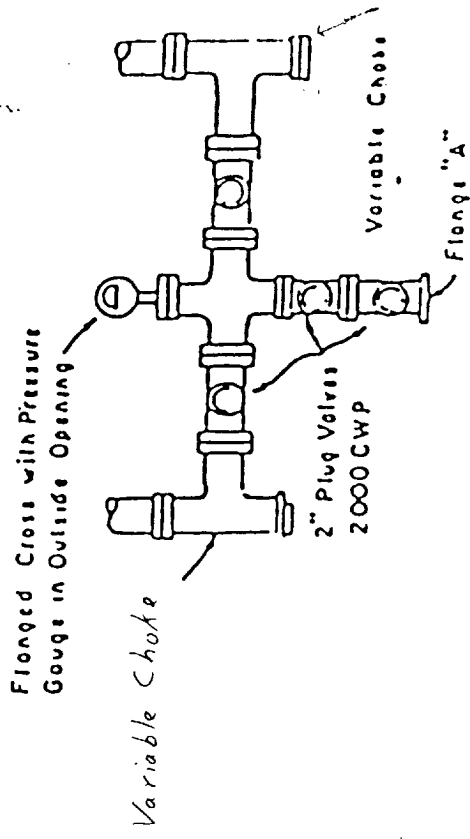
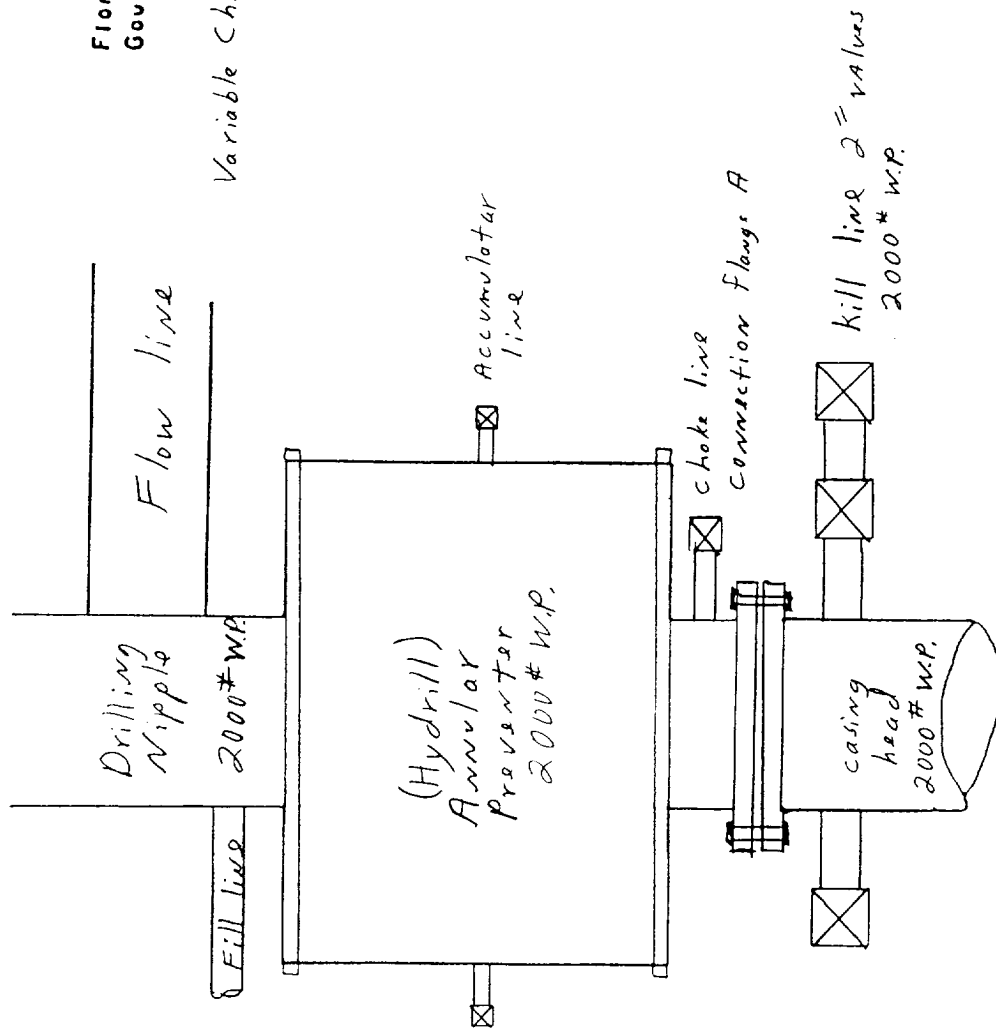
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.  Signature <i>Chuck Morgan</i> Printed Name <i>Chuck Morgan</i> Title <i>Engr.</i> Date <i>10/24/94</i>
						<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.  OCTOBER 21, 1994 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number <i>5412</i> NM PEERS NO. <i>5412</i>



PLAN VIEW - CHOKE MANIFOLD

Exhibit #1