

Form 3160-3  
(July 1992)

OIL CONSERVATION DIV  
811 S. 1st S  
ARTESIA, NM 88210-2834  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN \_\_\_\_\_ Llicate\*  
(Other instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

SDX Resources, Inc.

20451

3. ADDRESS AND TELEPHONE NO.

P. O. Box 5061, Midland, TX. 79704

4. LOCATION OF WELL (Report location clearly and in accordance with all State Requirements.)

At surface 1650' FNL & 1650' FEL, Unit G Sec. 31

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

9 miles S.E. of Loco Hills, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

330'

330'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

990'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 3555'

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55	24#	750'	350 sxs Cl. C <b>CIRCULATE</b>
7-7/8"	5-1/2" J-55	14#	4000'	350 sxs Poz + 400 sxs Lite (TIE BACK)

Plan to drill a 12-1/4" hole to approximately 750', set 8-5/8" surface casing. Circulate Cl "C" cement. Drill 7-7/8" hole to T.D. Run open hole logs (LDT-CNL & DLL). Run 5-1/2" casing and circulate cement. Perforate the 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 - Location and Elevation Plat

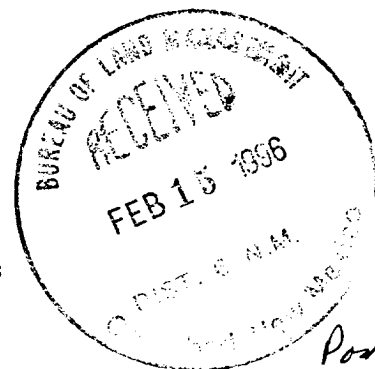
#2 - Blowout Preventer Equipment

#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, give data on present productive zone and proposed new productive zone. If proposal is to deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED

(This space for Federal or State office use)

TITLE Regulatory Tech

DATE

2/13/96

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which are necessary for the proposed program. CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

APPROVED BY

/s/ Yolanda Vega

TITLE

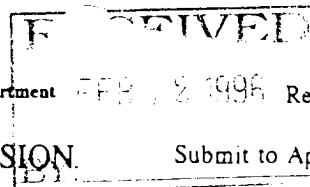
ASSISTANT AREA MANAGER

\*See Instructions On Reverse Side

APR 23 1996

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

1 API Number <b>30-015-28952</b>		2 Pool Code <b>56439</b>		3 Pool Name <b>SHUGART-YATES-SEVEN RIVERS-QUEEN-GRAYBURG</b>	
4 Property Code <b>009822</b>		5 Property Name <b>FEDERAL "F"</b>			6 Well Number <b>3</b>
7 OGRID No. <b>020451</b>		8 Operator Name <b>SDX RESOURCES, INC.</b>			9 Elevation <b>3555.</b>

**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
G	31	18-S	31-E		1650	NORTH	1650	EAST	EDDY

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

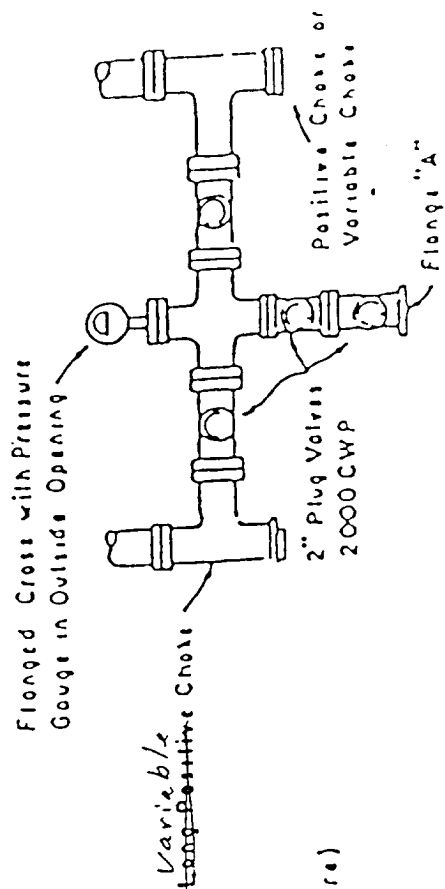
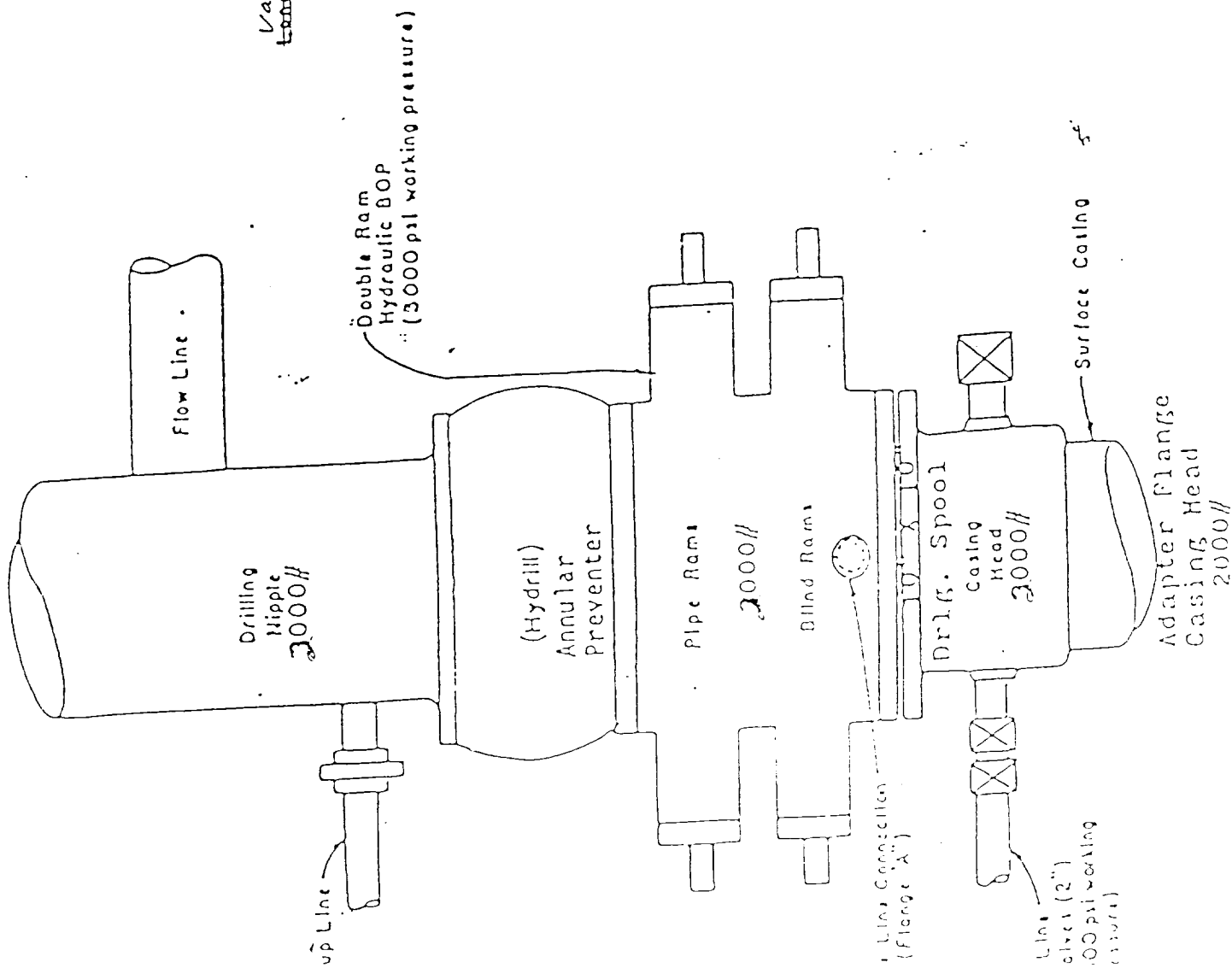
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres <b>40</b>	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

<div data-bbox="113 1070 1055 2040" data-label="Figure"> </div>	<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: <i>Janice Courtney</i> Printed Name: <b>Janice Courtney</b> Title: <b>Regulatory Tech</b> Date: <b>2/13/96</b>	
	<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. Date of Survey: <b>FEBRUARY 5, 1996</b> Signature and Seal of Professional Surveyor:	
	Certificate Number: <b>5412</b> NM RE/RS NOONAL 5412	

EXHIBIT 2  
BLOWOUT PREVENTER  
DIAGRAM  
FEDERAL F #3



PLAN VIEW - CHOKE MANIFOLD