

UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT 5-1-97 RLM

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

JUL - 8 1997

## 3. ADDRESS AND TELEPHONE NO.

PO Box 5061, Midland TX 79704

915/685-1761

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface  
1980' FNL 2310' FWL, Unit F  
At proposed prod. zone

Same

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

15 miles SE of Artesia NM

RECEIVED

MAY 01 97

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

330'

330'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

738'

## 16. NO. OF ACRES IN LEASE

BOSWELL, NM

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 19. PROPOSED DEPTH

3500'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3496' GR

## 22. APPROX. DATE WORK WILL START\*

June 1, 1997

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	J-55 8-5/8"	24#	1000' 1150'	600 sx
7-7/8"	J-55 5-1/2"	14-15.5#	3500'	450 sx

Plan to drill a 12-1/4" hole to approximately 1000'. Set 8-5/8" surface csg. Circ Class C cmt. Drill 7-7/8" hole to 3500'. Run open hole logs (LDT-CNL-GR & DLL). Set 5-1/2" csg and circ cmt. Perforate the ON-GB-SA and stimulate as necessary for optimum production.

Specific programs as per Onshore Oil & Gas Order #1 are outlined in the following attachments:

## Drilling Program:

## Surface Use &amp; Operating Plan

- Exhibit #1 - Location & Elevation Plat
- Exhibit #2 - BOP Equipment
- Exhibit #3 - Planned Roads & Access
- Exhibit #4 - One Mile Radius Map
- Exhibit #5 - 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 drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Engineer

DATE 4-28-97

(This space for Federal or State office use)

PERMIT NO.

Approved Subject to  
General Requirements and  
Special Specifications  
Attached

APPROVAL DATE

Application approval does not warrant or certify that the applicant has legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

(ORIG. SGD.) ARMANDO A. LOPEZ

TITLE

Acting

ADM. MINT

DATE

7-2-97

\*See Instructions On Reverse Side

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

RECEIVED  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
BY: \_\_\_\_\_

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Red Lake Qn-GB-SA
Property Code	Property Name	Well Number
	CHALK FEDERAL	2
OGRID No.	Operator Name	Elevation
020451	SDX RESOURCES, INC.	3496

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	5	18 S	27 E		1980	NORTH	2310	WEST	EDDY

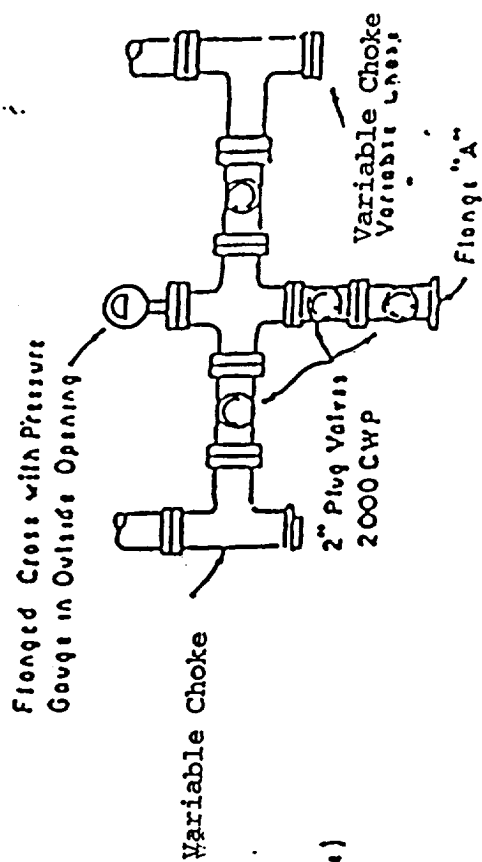
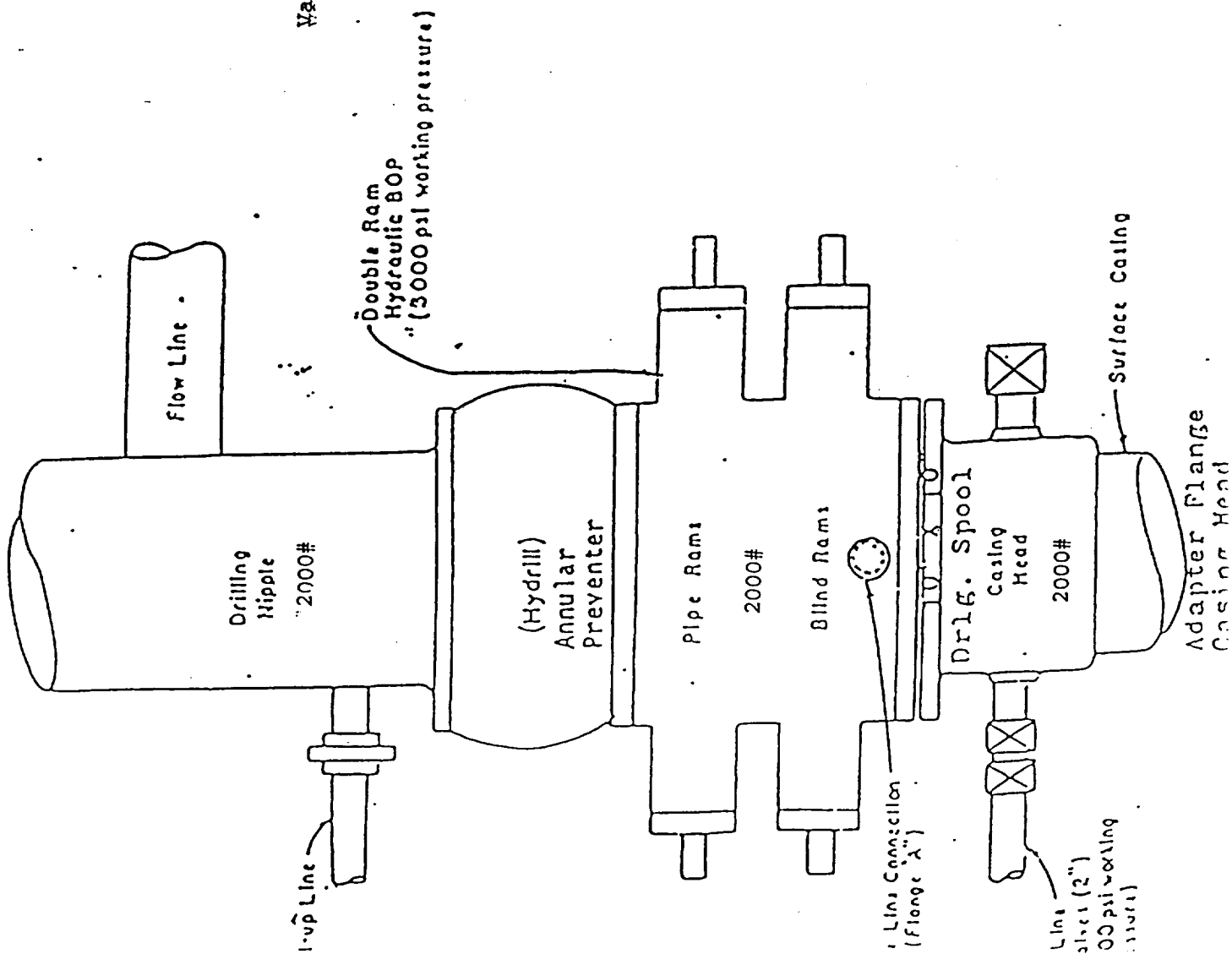
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
40									

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

LOT 4	LOT 3	LOT 2	LOT 1
<b>OPERATOR CERTIFICATION</b> <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature: <u>Chuck Morgan</u> Printed Name: <u>Chuck Morgan</u> Title: <u>Engineer</u> Date: <u>April 29, 1997</u>			
<b>SURVEYOR CERTIFICATION</b> <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 Surveyed: <u>APRIL 14, 1997</u> Signature: <u>[Signature]</u> Professional Surveyor: <u>RONALD W. EIDSON</u> DMCC Certificate No. <u>JOHN W. WEST 676</u> <u>RONALD W. EIDSON 3239</u> <u>RONALD W. EIDSON 12641</u>			

EXHIBIT 2  
BLOWOUT PREVENTER  
DIAGRAM



PLAN VIEW - CHOKE MANIFOLD