

## N. M. Oil Cons. Division

811 S. 18T ST.

ARTESIA, NM 88210-2000  
SUBMIT IN 1 .CATE\*  
88210-2000 (Instructions on reverse side)Form 3160-3  
(July 1992)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

CHP

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-029387 B	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR SDX Resources, Inc. 20451		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. PO Box 5061, Midland, TX 79704 915/685-1761		8. FARM OR LEASE NAME, WELL NO. Shugart C #8 19242	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FSL 2310' FEL At proposed prod. zone Same		9. API WELL NO. 30-015-30242	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 miles SE of Loco Hills, NM		10. FIELD AND POOL, OR WILDCAT Shugart (Y,SR,Q,G)	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drg. unit line, if any) 330' 330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 30, T18S, R31E, O	
16. NO. OF ACRES IN LEASE 160		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 738'		19. PROPOSED DEPTH 4000'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 06/01/98	
21. ELEVATIONS (Show whether DF, RT, G) 3577' GR		22. APPROX. DATE WORK WILL START* 06/01/98	

RECEIVED  
OCD  
ARTESIA

## ROSWELL CONTROLLED WATER BASIN

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#	500'	400 sx Class C
7-7/8"	5-1/2" J-55 or	9.5# - 17#	4000'	350 sx 50/50 POZ C
	4-1/2" J-55			400 sx 35/65 POZ C

WITNESS  
WITNESS

Plan to drill a 12-1/4" hole to appx 500'. Set 8-5/8" surface csg & circ C cmt to surface. Drill 7-7/8" hole to TD. Run open hole logs (LDT-CNL-GR & DLL). Run 4-1/2" or 5-1/2" csg & circ cmt to surface. Will perf & 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 & Operating Plan  
H2S Plan  
Exhibits 1: BOP  
2: Plat  
3: Planned ROW's (access roads & flowlines & high lines)  
4: One Mile Radius Map  
5: Drilling Rig Layout

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

Posted ID-1  
NL & API  
5-15-98

IN ABOVE SPACE DESCRIBE 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 Bonnie Otwater TITLE Regulatory Tech. DATE 04/09/98

(This space for Federal or State office use)

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 would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY 10800 (500) ARMANDO A. LOPEZ TITLE Acting ADM. MINERALS DATE MAY 19 1998

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

P.O. Box 1960, Hobbs, NM 88241-1960

State of New Mexico—

Energy, Minerals and Natural Resources Depta 6

Form C-102

Revised February 10, 1924

**Submit to Appropriate District Office**

State Lease - 4 Copies

**Fee Loan - 3 Copies**

## DISTRICT II

P.O. Drawer RD. Artesia, NM 88211-0719

### DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

**P.O. Box 2088**

**Santa Fe, New Mexico 87504-2088**

### DISTRICT IV

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

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	56439	Shugart, (Y,SR,Q,G)
Property Code	Property Name	Well Number
019242	SHUGART "C" FED.	8
OGRID No.	Operator Name	Elevation
020451	SDX RESOURCES INC.	3577

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	30	18 S	31 E		990	SOUTH	2310	EAST	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 40	Joint or Infill	Consolidation Code		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**

LOT 1			
35.30 ACRES LOT 2			
35.38 ACRES LOT 3			
35.46 ACRES LOT 4			
35.54 ACRES			

Diagram Dimensions:

- Horizontal distances: 3577.1', 3581.8'
- Vertical distances: 3572.4', 3579.4', 990'
- Horizontal distance from corner to well: 2310'

### OPERATOR CERTIFICATION

*I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.*

Bonnie Atwater

Signature \_\_\_\_\_

Bonnie Atwater

Printed Name \_\_\_\_\_

Regulatory Tech.

Title \_\_\_\_\_

April 8, 1998

Date \_\_\_\_\_

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### 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.*

MARCH 31, 1998

Date Surveyed \_\_\_\_\_ DMCC

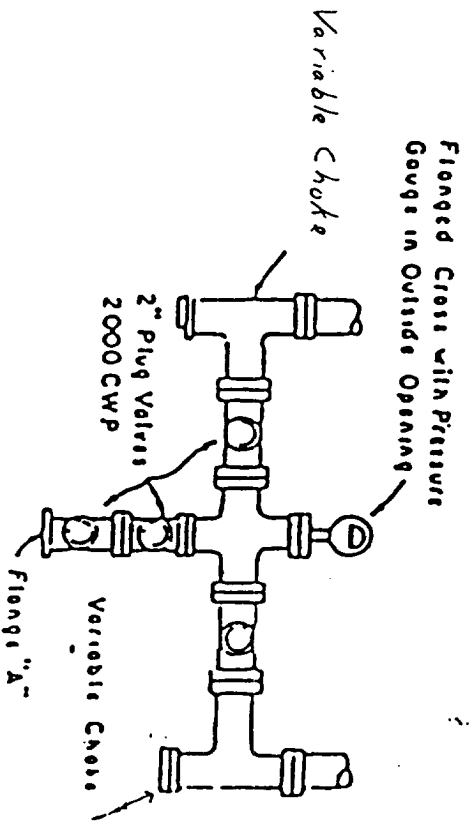
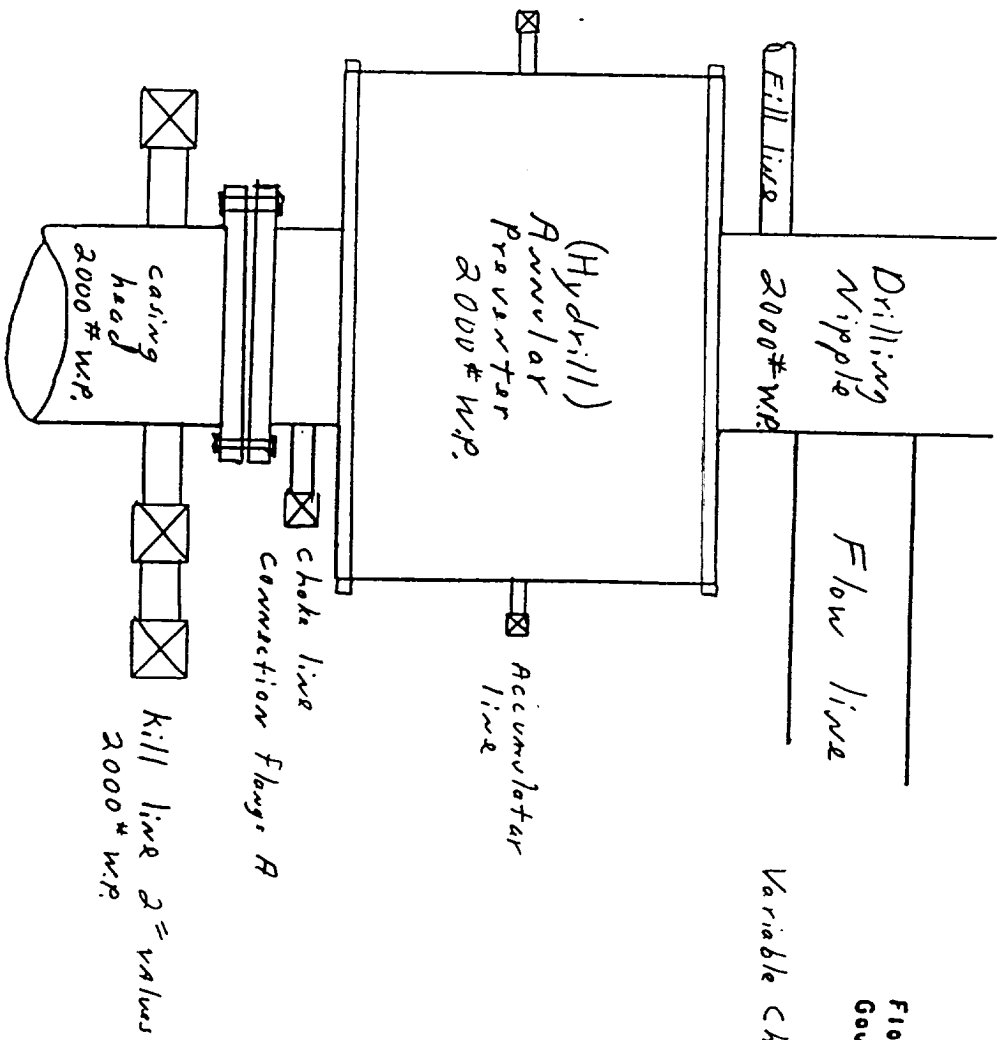
Signature Ronald J. Eidson

Professional Surveyor \_\_\_\_\_

Certificate No. JOHN W. WEST 676

3239

12641



PLAN VIEW-CHOKE MANIFOLD

Exhibit #1