

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OIL CONS COMMISSION  
Drafter DD  
Artesia, NM 88010

APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

SDX Resources, Inc.

3. Address and Telephone No.

P. O. Box 5061, Midland, TX 79704 915/685-1761

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2310' FNL & 2583' FEL, Unit G

Sec. 10, T18S, R28E

NSL 3465

5. Lease Designation and Serial No.

NM 54184

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Dunn B Federal #45

9. API Well No.

30-015-28392

10. Field and Pool, or Exploratory Area

ART-QN-GB-SA

11. County or Parish, State

Eddy Co., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Request Extension of Expiration Date of APD  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SDX Resources, Inc. respectfully request an extension for the drilling of the Dunn B Federal #45. The approved APD will expire on March 13, 1996.

By extending the expiration of this APD it will give SDX Resources, Inc. additional time to complete their drilling program for this area.

APPROVED FOR 12 MONTH PERIOD  
ENDING 3/13/97

RECEIVED  
NOV 6 9 27 AM '95  
OIL FIELD  
AREA

14. I hereby certify that the foregoing is true and correct

Signed Janice Courtney

Title Regulatory Tech

Date 11/03/95

(This space for Federal or State office use)

Approved by (ORIG. SCD.) JOE G. LARA

Title PETROLEUM ENGINEER

Date 11/22/95

Conditions of approval, if any:

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.

\*See Instruction on Reverse Side

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State. Pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

## SPECIFIC INSTRUCTIONS

*Item 4*—If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

*Item 13*—Proposals to abandon a well and subsequent reports of abandonment should include special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

## NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY:** 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

**PRINCIPAL PURPOSE** — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

### ROUTINE USES:

(1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.

(2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).

(3) Analyze future applications to drill or modify operations in light of data obtained and methods used.

(4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

**EFFECT OF NOT PROVIDING INFORMATION** — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that: This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized. Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

## BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

**NM OIL CONS COMMISSION**  
**DRAWER DD**  
**ARTESIA, NM 88210**

CONTACT RECEIVING  
OFFICE FOR MAPS  
OF COPIES REQUIRED  
(Other instructions on  
reverse side)

30-015-28392.

BLM Roswell District  
Modified Form No.  
NM060-3160-2

C/SF

UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

2. NAME OF OPERATOR

SDX Resources, Inc. 201551

3. ADDRESS OF OPERATOR

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

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

At surface

2310' FNL, 2583' FEL, unit G, Sec. 10

At proposed prod. zone

Same

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

15 miles S.E. of Artesia, N.M.

15. DISTANCE FROM PROPOSED

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

330'

(20')

16. NO. OF ACRES IN LEASE

1240

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

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

687'

19. PROPOSED DEPTH

4000'

20. ROTARY OR CABLE TOOLS

rot.

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

3617 GR

22. APPROX. DATE WORK WILL START

12/1/94 2/1/95

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 "C" CIRCULATE  |
| 7-7/8"    | 5-1/2"      | 14#         | J-55  | 8rd.        | 4000'         | 350 POZ (TIE)      |
|           |             |             |       |             |               | 400 LITE (BACK)    |

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 Operations Manual are outlined in the following attachments:

RECEIVED

Drilling Program:

Surface Use and Operating Plan

Exhibit #1 Blowout Preventer Equipment

#2 Location and Elevation Map

#3 Planned Access Roads

#4 One Mile Radius Map

#5 Planned Production Facilities and Access

MAR 16 1995 NSL-

OIL CON. DIV.

DIST. 2

SUBJECT TO  
LIKE APPROVAL  
BY STATE

Post ID-1

7-24-95

Mur-Loc & API

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.

SIGNED Chuck Morgan

TITLE Eng'r.

DATE 12/2/94

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Timothy P. O'Brien

TITLE

Acting AREA MANAGER

CONDITIONS OF APPROVAL, IF ANY:

DATE 3-13-95  
APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

\*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<br>30-015-28392 | <sup>2</sup> Pool Code<br>3230                    | <sup>3</sup> Pool Name<br>Art. - Qx - Gb. - SA |
| <sup>4</sup> Property Code              | <sup>5</sup> Property Name<br>DUNN B FEDERAL      | <sup>6</sup> Well Number<br>45                 |
| <sup>7</sup> OGRID No.                  | <sup>8</sup> Operator Name<br>SDX RESOURCES, INC. | <sup>9</sup> Elevation<br>3617.                |

<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   |         | 2310          | NORTH            | 2583          | 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<br>40 | <sup>13</sup> Joint or Infill<br>Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>16</p> | <p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Chuck Morgan</i><br/>Signature</p> <p>Chuck Morgan<br/>Printed Name</p> <p>Engr.<br/>Title</p> <p>12/8/94<br/>Date</p>                                                                                                                                                    |  |
|           | <p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>NOVEMBER 29 1994<br/>Date of Survey</p> <p><i>[Signature]</i><br/>Signature and Seal of Professional Surveyor</p> <p>5412<br/>Certificate Number</p> <p>NM PR&amp;PS NO. 5412</p> |  |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |

Cement Program:

8 5/8" surface casing: Cemented to surface with 250 sx of Class C with 2% CACL2 and 1/4 #/sx Flocele and 100 sx of Class "C" with 2% CACL2.

5 1/2" production casing: Cemented with 300 sx of 50/50 Class "C" POZ with 6# salt/sx and 3% Halad 322 and 400 sx of Lite "C" with 3# salt/sx and 1/4 #/sx Flocele. This should circulate cement to the surface.

5. Minimum Specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a bag-type (hydril) preventer (2000 psi WP). Unit will be hydraulically operated. BOP will be nipped up on the 8 5/8" surface csg and used continuously until TD is reached. BOP and accessory equipment will be tested to 1000 psi before drilling out of surface casing. A 2" kill line and a 2" choke line will be included in the drilling spool. Other accessories to the BOP equipment will include a kelly cock.

6. Types and Characteristics of the Proposed Mud System:

The well will be drilled to TD with a combination of fresh water and brine water mud system. The applicable depth and properties of this system are as follows:

| <u>Depth</u> | <u>Type</u>                 | <u>Weight<br/>(ppg)</u> | <u>Viscosity<br/>(sec)</u> | <u>Waterloss<br/>(cc)</u> |
|--------------|-----------------------------|-------------------------|----------------------------|---------------------------|
| 0-350        | Fresh water<br>(spud)       | 8.5                     | 40-45                      | N/C                       |
| 350-TD       | Brine water,<br>SWG, Starch | 10.0                    | 30                         | 24                        |