

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NEW OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

FORM 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

5. Lease Designation and Serial No.

NM 54184

6. If Indian, Allottee or Tribe Name

N.A.

7. If Unit or CA, Agreement Designation

N.A.

8. Well Name and No.

Dunn B Federal #38

9. API Well No.

30-015-28244

10. Field and Pool, or Exploratory Area

Artesia-QN-GR-SA

11. County or Parish, State

Eddy Co., NM

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)

1330' FNL & 2583' FEL, Unit G, Sec. 10 **185 28E**

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 Supplement to original
APD, approved 12/07/94
- ☒ 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.)*

Plan to drill well to original proposed TVD of 4,000'. Run open hole logs. Run 5-1/2" casing/packer shoe, 15.50#/ft., 5-1/2" casing to $\pm$ 2,850'. Set open hole plug at kick-off point (KOP) -2980'. Follow attached procedure.

RECEIVED

MAY 10 1995

OIL CON. DIV.
DIST. 2

**SUBJECT TO
LIKE APPROVAL
BY STATE**

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

Signed [Signature] (John Pool)

Title Vice President

Date 6/02/95

(This space for Federal or State office use)

Orig. Signed by Shannon J. Shaw

PETROLEUM ENGINEER

Approved by _____
Conditions of approval, if any:

Title

Date 7/7/95

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

WELL PROCEDURE
DUNN B 38 HORIZONTAL COMPLETION
SDX RESOURCES

Date: June 02, 1995
Purpose: Complete as horizontal drainhole.
Elevation: GL -3627'; KB. - N/A
Drillers TD: 4000'
PBTD: 2950'
Production casing: 5 1/2" 15.50# @ 2850' - TOC @ Surf (Should be set to 50' - 150' above KOP)
Intermediate casing:
Target Information:
Kickoff Point (KOP): 2980' - 3000'
Build Rate: (BUR) 71.62°/100' (80' radius)
Target Depth (TVD): 2,990' TVD
End of Curve (EOC): 4035' MD (2,990' TVD)
Lateral Length: 1000'
Closure Direction: N137.2° E (45° Azimuth)
Declination: _____
Operations Target: 10' Vertical Window

BOTTOM HOLE ASSEMBLY/DRILL STRING

4 3/4" Rock Bit
3 3/8" _____ Mudmotor: 2 7/8" Reg Box X 2 3/8" Reg Box (Top)
Float Sub not required
3 1/2" Orienting Sub
3 1/2" Monel Drill Collars: 2 7/8" PH-6 Box X Pin (FLEX REQUIRED ? _____)
_____ 2 7/8" PH-6 drill pipe (P-110)
Crossover to Drill Collars
4 1/16" - 4 3/4" Drill Collars
3 1/2" drill pipe
Estimated Max. WOB: 25,000
Estimated Max. Pump Rate: 125 GPM at 1,900 psi
2" minimum ID on all drill string components

PROCEDURE

1. MIRUPU. TIH with bit. Drill out casing shoe and drill to KOP. TOH with workstring standing back.
2. RU wireline and gyro company. TIH with GYRO. Obtain surveys every 100' from TD to surface. RD wireline and gyro company
3. RU directional & wireline company. Test steering tool and confirm toolface reading.
4. PU angle build assembly and surface test motor.

5. TIH to KOP with bit, angle build motor, orienting (and float sub), monel drill collars, PH-6 drill pipe, drillpipe and drill collars.
6. TIH with steering tool. Sting into orienting sub. RU wet-connect and test. Drill build section to EOC, obtaining surveys every joint. TOH to KOP. RD wet-connect and TOH with steering tool. TOH with drillstring (standing back) and lay down angle build motor.
7. PU angle hold motor and test at surface.
8. TIH with bit, angle hold motors, orienting sub, and monel drill collars to KOP. TIH with steering tool and sting into orienting sub. TIH to bottom and drill lateral at Target TVD to TD, obtaining surveys every joint. TOH. RD directional Co.
9. Perform completion operations.

VOGEL HORIZONTAL & DIRECTIONAL DRILLING

SDX RESOURCES

DUNN B 38

Directional Well Plan

Measured Depth (Ft)	Incl. Angle (Deg)	Drift Direction (Deg)	Course Length (Ft)	True Vertical Depth	Total Rectangular Coordinates (Ft)		Vertical Section
2910.0	0.00		0.0	2910.00	0.00 N	0.00 E	0.00
2914.3	3.10	137.2	4.3	2914.33	0.09 S	0.08 E	0.12
2918.7	6.21	137.2	4.3	2918.65	0.34 S	0.32 E	0.47
2923.0	9.31	137.2	4.3	2922.94	0.77 S	0.72 E	1.05
2927.3	12.41	137.2	4.3	2927.20	1.37 S	1.27 E	1.87
2931.7	15.52	137.2	4.3	2931.40	2.14 S	1.98 E	2.92
2936.0	18.62	137.2	4.3	2935.54	3.07 S	2.85 E	4.19
2940.3	21.72	137.2	4.3	2939.61	4.17 S	3.86 E	5.68
2944.7	24.83	137.2	4.3	2943.59	5.42 S	5.03 E	7.39
2949.0	27.93	137.2	4.3	2947.47	6.83 S	6.34 E	9.32
2953.3	31.03	137.2	4.3	2951.24	8.40 S	7.79 E	11.45
2957.7	34.14	137.2	4.3	2954.89	10.11 S	9.37 E	13.78
2962.0	37.24	137.2	4.3	2958.41	11.96 S	11.09 E	16.31
2966.3	40.34	137.2	4.3	2961.79	13.95 S	12.94 E	19.03
2970.7	43.45	137.2	4.3	2965.02	16.07 S	14.91 E	21.92
2975.0	46.55	137.2	4.3	2968.08	18.32 S	16.99 E	24.98
2979.3	49.66	137.2	4.3	2970.97	20.68 S	19.18 E	28.21
2983.7	52.76	137.2	4.3	2973.69	23.16 S	21.48 E	31.59
2988.0	55.86	137.2	4.3	2976.22	25.74 S	23.87 E	35.11
2992.3	58.97	137.2	4.3	2978.55	28.41 S	26.36 E	38.76
2996.7	62.07	137.2	4.3	2980.68	31.18 S	28.92 E	42.53
3001.0	65.17	137.2	4.3	2982.61	34.02 S	31.56 E	46.41
3005.3	68.28	137.2	4.3	2984.32	36.94 S	34.27 E	50.39
3009.7	71.38	137.2	4.3	2985.81	39.92 S	37.03 E	54.46
3014.0	74.48	137.2	4.3	2987.08	42.96 S	39.85 E	58.60
3018.3	77.59	137.2	4.3	2988.13	46.04 S	42.71 E	62.80
3022.7	80.69	137.2	4.3	2988.95	49.16 S	45.60 E	67.06
3027.0	83.79	137.2	4.3	2989.53	52.31 S	48.52 E	71.35
3031.3	86.90	137.2	4.3	2989.88	55.48 S	51.46 E	75.67
EOB Target: 4035.7	90.00	137.2	4.3	2990.00	58.65 S	54.41 E	80.00
	90.00	137.2	1000.0	2990.00	791.79 S	734.49 E	1080.00

VOGEL HORIZONTAL AND DIRECTIONAL DRILLING
 415 WEST WALL ST. MIDLAND TX 79707
 915-570-4719

SDX RESOURCES
 DUNN B 38
 EDDY COUNTY, NM

