

## N.M. Oil Cons. DIV-Dist. 2

Form 3160-4  
(July 1992)

1301 W. Grand Avenue  
Artesia NM 88210

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NMLC-066087A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Santa Nina A Federal #2

9. API WELL NO.

30-015-33225

10. FIELD AND POOL, OR WILDCAT

Und - Santa Nina Delaware (54720)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 7, T19S, R30E, D, Lot 1

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other

2. NAME OF OPERATOR

SDX Resources, Inc.

3. ADDRESS AND TELEPHONE NO.

PO Box 5061, Midland, TX 79704 432/685-1761

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

At surface

670' FNL 834' FWL

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

01/28/04

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

06/24/04

16. DATE T.D. REACHED

07/06/04

17. DATE COMPL. (Ready to prod.)

08/10/04

18. ELEVATIONS (OF, RKB, RT, GE, ETC.)\*

3378' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

4829'

21. PLUG, BACK T.D., MD &amp; TVD

4798'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

Rotary

ROTARY TOOLS

Rotary

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*

3782' - 3936'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

LDT-CNL-GR, DLL-GR

27. WAS WELL CORED

Yes

## 28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	262'	17-1/2"	180 sx RFC + 220 sx C - Circ	--
8-5/8"	24# - 32#	1772'	12-1/4"	660 sx Lite + 200 sx C - Circ	--
5-1/2"	15.5#	4831'	7-7/8"	350 sx 35/65 C + 450 sx 50/50 C - Circ	--

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3973'	

## 31. PERFORATION RECORD (Interval, size and number)

3782', 84, 96, 3800, 36, 38, 50, 52, 72, 74, 3906, 12, 14, 16, 32, 34, 36 (1 spf, 4" select fire, 17 holes)

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3782 - 3936	3000 gal 15% NEFE
	110 gal scale inhibitor + 30000 gal Viking 30
	+ 59000# 16/30 Ottawa + 12000# 16/30 Resin coated

## 33. \* PRODUCTION

DATE FIRST PRODUCTION 08/13/04		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 2-1/2" x 1-1/2" x 12' TAC pmp				WELL STATUS (Producing or shut-in) Prod	
DATE OF TEST 09/07/04	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL—BBL 21	GAS—MCF. 116	WATER—BBL 270	GAS OIL RATIO 5524
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL 21	GAS—MCF. 116	WATER—BBL 270	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

Logs, Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Bonnie Oster

TITLE Regulatory Tech

DATE 09/28/04

\*(See Instructions and Spaces for Additional Data 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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Delaware	3740	4106	Sand w/oil, water & gas

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
7 Rivers	1825				
Queen	2212				
Grayburg	2748				
San Andres	3026				
Delaware	3400				

WELL NAME AND NUMBER Santa Nina Federal "A" No. 2

LOCATION 670' FNL & 834' FWL, Section 7, T19S, R30E, Eddy Co. NM

OPERATOR SDX Resources, Inc.

DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° 507'</u>	<u>1-3/4° 4508'</u>	<u>                    </u>
<u>1° 1007'</u>	<u>                    </u>	<u>                    </u>
<u>1-3/4° 1513'</u>	<u>                    </u>	<u>                    </u>
<u>1-3/4° 1998'</u>	<u>                    </u>	<u>                    </u>
<u>1-1/2° 2520'</u>	<u>                    </u>	<u>                    </u>
<u>1-1/4° 3014'</u>	<u>                    </u>	<u>                    </u>
<u>1-1/2° 3490'</u>	<u>                    </u>	<u>                    </u>
<u>1-3/4° 3999'</u>	<u>                    </u>	<u>                    </u>

Drilling Contractor United Drilling Inc.

By: George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 15<sup>th</sup> day of July,  
2004.

Carlene Martin  
Notary Public

My Commission Expires: 10-04-04

Chaves New Mexico  
County State