

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



JAN 13 2001

### ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

**[NSL-Non-Standard Location]** **[NSP-Non-Standard Proration Unit]** **[SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling]** **[CTB-Lease Commingling]** **[PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling]** **[OLS - Off-Lease Storage]** **[OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion]** **[PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal]** **[IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification]** **[PPR-Positive Production Response]**

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication

☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☒ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

#### [3] INFORMATION / DATA SUBMITTED IS COMPLETE - Certification

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common.

***I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.***

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Chuck Morgan

Print or Type Name

Chuck Morgan

Signature

Engr.

Title

1/25/01

Date

e-mail Address

SDX RESOURCES, INC.

P.O. BOX 5061  
MIDLAND, TEXAS 79704  
(915) 685-1761

NMOCD  
1220 S. St. Francis Drive  
Santa Fe, NM 87504

January 25, 2001

Attention: Mr. Dave Catanach

RE: Surface commingling application  
Chalk Federal #1,2 & 5  
Sec. 5 T18S R27E  
Eddy County, New Mexico

Dear Mr. Catanach,

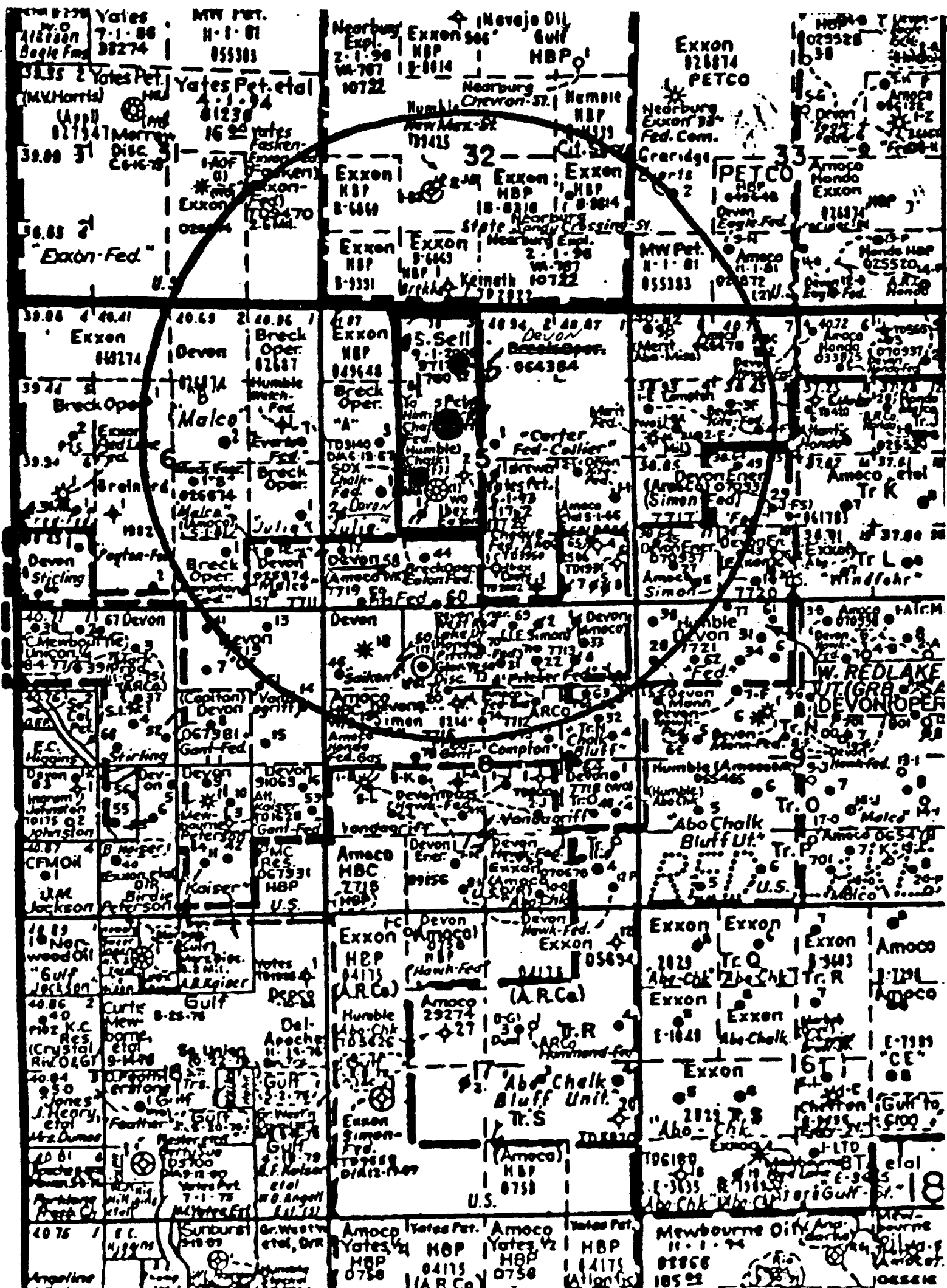
SDX Resources respectfully request permission to commingle production from their Chalk Federal #1 & #2 wells (producing from the San Andres) with production from their Chalk Federal # 5 (producing from the Glorietta Yeso) into a common battery on the lease. Ownership is identical for all three wells. The oil from both pools is sour and is close to the same gravity. There should therefore be no difference in revenue to the interest owners including the State and Federal government. The sharing of a common battery will eliminate the construction of two batteries which will improve the economics of the wells, extending their life, and reducing the impact on the surrounding area.

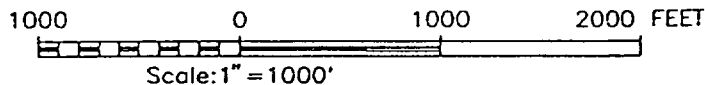
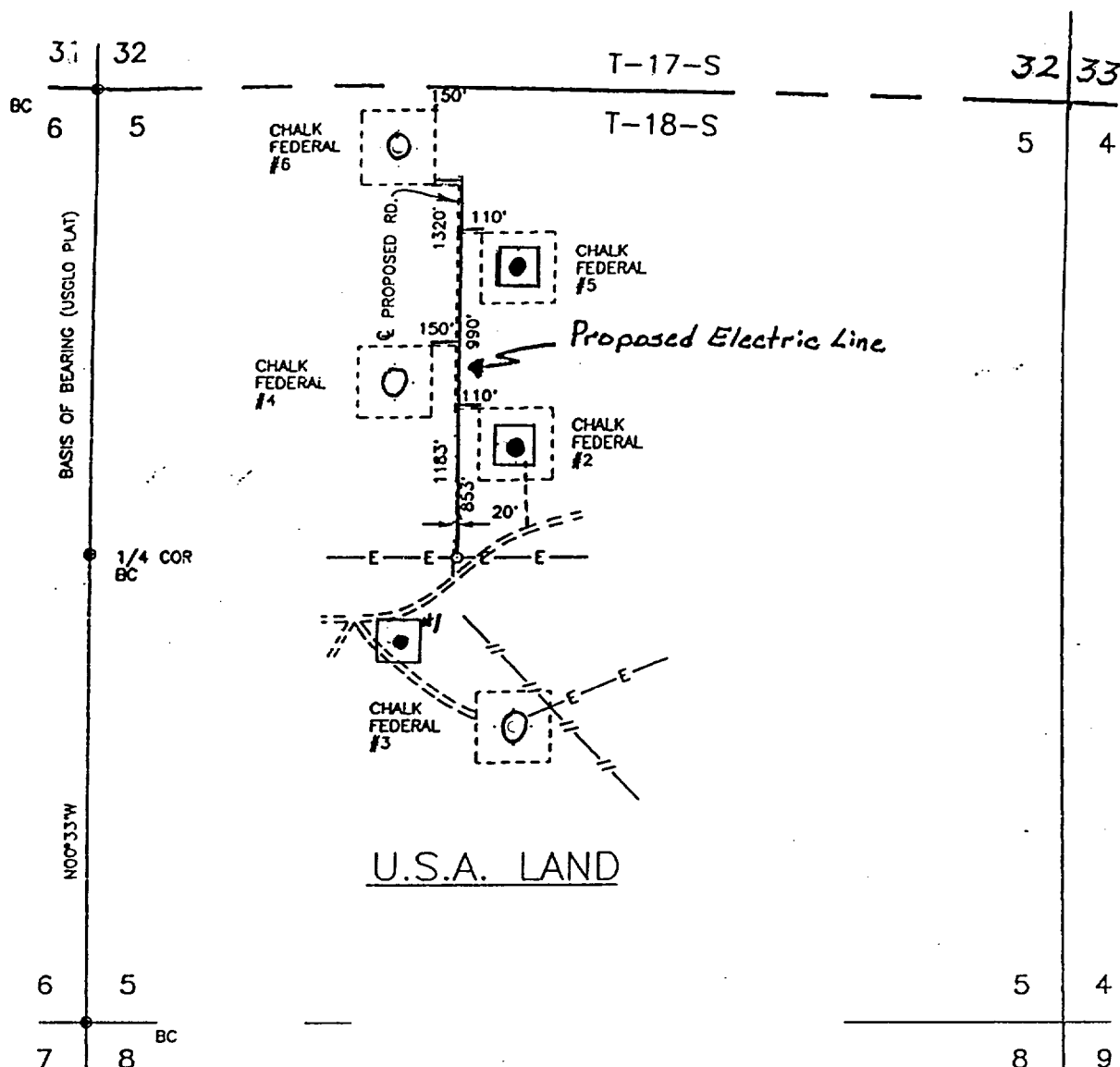
The battery is located on the pad with the Chalk Federal # 1 well. The surface ownership between the wells and the battery is all BLM and SDX has obtained ROWs for the locations and associated flowlines. Periodic well test with a port-a check unit will be used to accurately allocate production to the wells. The following data is submitted for your information:

Attachment 1: Lease Map  
Attachment 2: Facility Diagram  
Attachment 3: Well Plats and Completion Data  
Attachment 4: Tester Diagram

Sincerely,

Chuck Morgan





I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS PREPARED BY THIS STATE.

*John W. West* 4-17-97

JOHN W. WEST, N.M. F.E.C. P.S. No. 676  
TEXAS P.L.S. No. 1138  
RONALD J. EIDSON, N.M. F.E.C. P.S. No. 3239  
TEXAS P.L.S. No. 1883  
GARY G. PROSSER, N.M. F.E.C. P.S. No. 12641  
TEXAS P.L.S. No. 4735

JOHN W. WEST ENGINEERING COMPANY  
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

## SDX RESOURCES

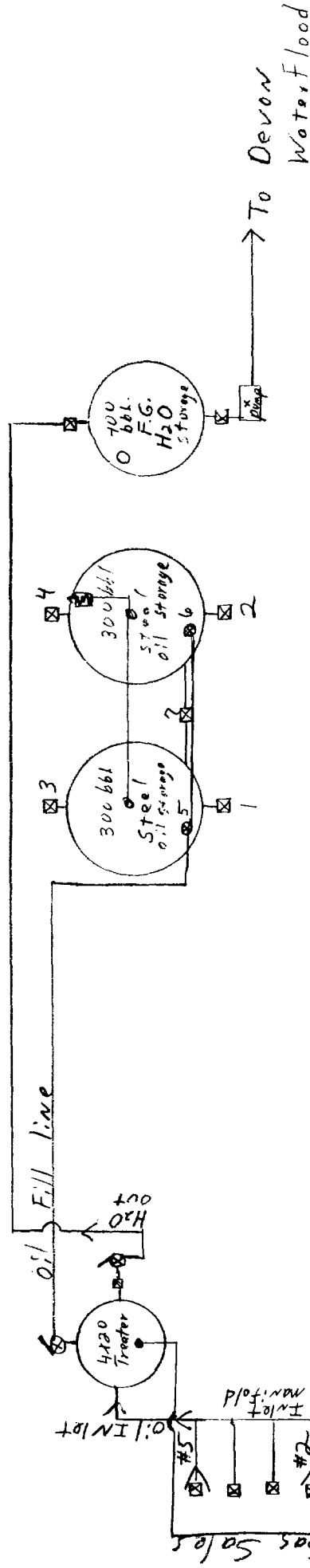
AN ELECTRIC LINE CROSSING U.S.A. LAND IN  
SECTION 5,  
TOWNSHIP 18 SOUTH,  
RANGE 27 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO

Survey Date: 4/14/97	Sheet 1 of 1 Sheets
W.O. Number: 97-11-0663	Drawn By: D.McCARLEY
Date: 4/16/97 SDXR	SDXR0666 Scale: 1" = 1000'

SDX Resources, Inc.  
 Chalk Federal Battery  
 "K" Sec. 5 T18S R27E  
 Eddy Co., N.M.

NM-97122

Site Facility Diagram  
 Chalk Federal  
 1/25/01



Valve Positions			
Production		Sales	
open	closed	open	closed
7	1, 2, 3, 4	1/2, 5/6	1/2, 5/6
5/6	5/6	7	3, 4

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
				Red Lake	
4 Property Code		5 Property Name			6 Well Number
CHALK FEDERAL					1
7 OGRID No. 020451		8 Operator Name			9 Elevation
SDX RESOURCES, INC.					3491.

<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
K	5	18-S	27-E		2260	SOUTH	1650	WEST	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
15 Dedicated Acres 40	12 Joint or Infill	14 Consolidation Code		16 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><b>17 OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p style="text-align: center;"><i>Chuck Morgan</i></p> <hr/> <p>Signature _____</p> <p style="text-align: center;">Chuck Morgan</p> <hr/> <p>Printed Name _____</p> <p style="text-align: center;">Engineer</p> <hr/> <p>Title _____</p> <p style="text-align: center;">2-28-97</p> <hr/> <p>Date _____</p>
	<p><b>18 SURVEYOR CERTIFICATION</b></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 style="text-align: center;">FEBRUARY 20, 1997</p> <hr/> <p>Date of Survey _____</p> <p style="text-align: center;">DAN R. REDDA</p> <hr/> <p>Signature and Seal of Professional Surveyor: _____</p> <div style="text-align: center;"> </div> <hr/> <p>Certificate Number _____</p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

RECEIVED

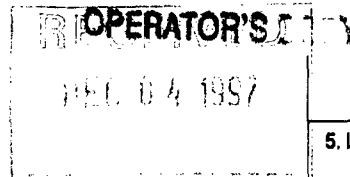
## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*09

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-97122	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR SDX Resources, Inc.		7. UNIT AGREEMENT NAME _____	
3. ADDRESS AND TELEPHONE NO. P. O. Box 5061, Midland, TX 915/685-1761		8. FARM OR LEASE NAME, WELL NO. Chalk Federal #1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1650' FWL & 2260' FSL, Unit Ltr K At top prod. interval reported below Same At total depth Same		9. API WELL NO. 30-015-29567	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Red Lake, QN-GR-SA	
15. DATE SPUDDED 06/20/97		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 5, T18S, R27E	
16. DATE T.D. REACHED 06/26/97		12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.) 07/20/97		13. STATE NM	
18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3481'		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 2300		21. PLUG, BACK T.D., MD & TVD 1970	
22. IF MULTIPLE COMPL. HOW MANY* _____		23. INTERVALS DRILLED BY ROTARY TOOLS all	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 1827-1921' (SA)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR & CCL; DL/GR		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	1158	12-1/4"
5-1/2"	14#	2299	7-7/8"
		TOP OF CEMENT, CEMENTING RECORD	
		surf, 700 sxs Cl C	
		surf, 150 sxs 35/65 Poz C +	
		250 sxs Cl C w/2% CaCl	
		AMOUNT PULLED	
		0	
		0	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
none			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	1885'	none	
31. PERFORATION RECORD (Interval, size and number)			
2002-2152', 1 spf, 4" gun, 22 holes, CIBP @ 1955'			
1827-1921', 1 spf, 4" gun, 19 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2002-2152'		2500 gals 15% NEFE acid	
1827-1921		3000 gals 15% NEFE acid + 35,000 gals	
		Spectra Frac 30 + 60.620# 16/30 Brady Sd +	
		31,800# 12/20 Brady sd.	
33. * PRODUCTION			
DATE FIRST PRODUCTION 07/24/97	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump - 2" x 1-1/2" x 12' RWAC		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 08/07/97	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL
	30		17
			GAS—MCF.
			79 35
			WATER—BBL
			103
			GAS-OIL RATIO
			4294/1
			OIL GRAVITY-API (CORR.)
			N/A
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) Vented			TEST WITNESSED BY Jerry Smith
35. LIST OF ATTACHMENTS Dev survey, logs			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Jamie Courtney</u>		TITLE <u>Regulatory Tech</u>	
		DATE <u>08/21/97</u>	

\*(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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
SDX Resources, Inc.

3. Address and Telephone No.  
PO Box 5061, Midland, TX 79704

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1650' FWL, 2260' FSL, Sec. 5, T18S, R27e, Unit K

5. Lease Designation and Serial No.  
NM-97122

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Chalk Federal #1

9. API Well No.  
30-015-29567

10. Field and Pool, or Exploratory Area  
Red Lake, QN-GB-SA

11. County or Parish, State  
Eddy

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Added perms in the San Andres	<input type="checkbox"/> Dispose Water

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

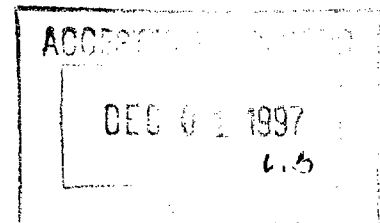
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

11-1-97

RU Computalog & tag RBP @ 1775'. Perf 1474', 87', 96', 1601', 02', 10', 14', 22', 23', 30', 44', 51', 57', 62', 67', 79', 80', 97' & 1700'.  
(1 spf). Acidized w/2000 bbls acid & 40 ball sealers.

Frac w/35,000 gal Spectra Frac 30 & 60,440# 16/30 + 30,040# 12/20 Brady sd.

Return well to pumping.



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

Signed Bonnie Ottwater

Title Regulatory Tech.

Date 11/18/97

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-97122

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Chalk Federal #2

9. API WELL NO.

30-015-29706

10. FIELD AND POOL, OR WILDCAT  
Red Lake, QN-GB-SA11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec 5, T18S, R27E, Unit F

12. COUNTY OR PARISH

Eddy

13. STATE

NM

## 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 915/685-1761

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

At surface

1980' FNL 2310' FWL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

07/02/97

15. DATE SPUDDED

10/10/00

16. DATE T.D. REACHED

10/16/00

17. DATE COMPL. (Ready to prod.)

12/26/00

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

3496

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

3221'

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

3184'

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

Rotary

CABLE TOOLS

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

2784-3050

RBP 2515'

1645 - 1914

25. WAS DIRECTIONAL  
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

LDT-CNL-GR, DLL-GR

27. WAS WELL CORED

No

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
8-5/8"	24# J-55	1168	12-1/4"	375 Lite 200 C, Circ	None
5-1/2"	14# K-55	3219	7-7/8"	250 35/65 POZ + 300 C, Circ	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	2452	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

2784,95, 2803, 28, 30, 44, 78, 89, 2909, 17, 25, 44, 56, 58, 66,  
70, 83, 88, 98, 3016, 30, 33, 35, 50

RBP 2515

1645, 47, 53, 55, 68, 74, 82, 84, 94, 1704, 20, 24, 32,41, 47, 62,  
1822, 34, 49, 58, 72, 83, 1902, 09, 14

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2784-3050	A: 4000 gal 15% NEFE
1645-1914	A: 4000 gal 15% NEFE
	F: 56,000 gal Viking 25 fl + 100360# 16/30

33. \* PRODUCTION

DATE FIRST PRODUCTION 12/14/00		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump Pmp 2-1/2" x 2" x 12' RWAC				WELL STATUS (Producing or shut-in Prod	
DATE OF TEST 12/26/00	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL—BBL. 18	GAS—MCF. 30	WATER—BBL. 120	GAS-OIL RATIO 1667
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 18	GAS—MCF. 30	WATER—BBL. 120	OIL GRAVITY-API (CORR.)	

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

Sold

TEST WITNESSED BY

Chuck Morgan

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

TITLE Regulatory Tech

DATE 01/31/01

\*(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.
San Andres	1645	1964	Dolomite. Tested 18 BOPD, 30 MCFGPD, 120 BWPD
Glorietta/Yeso	2784	3035	Swabed 5% oil cut

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	1370				
Glorietta	2710				
Yeso	2910				

## DISTRICT I

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

## DISTRICT II

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

## DISTRICT III

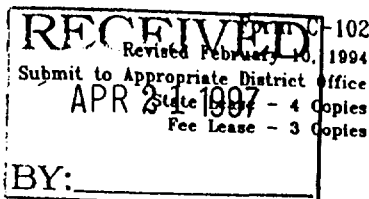
1000 Rio Brazos Rd., Aztec, NM 87410

## 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 BY:

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ 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

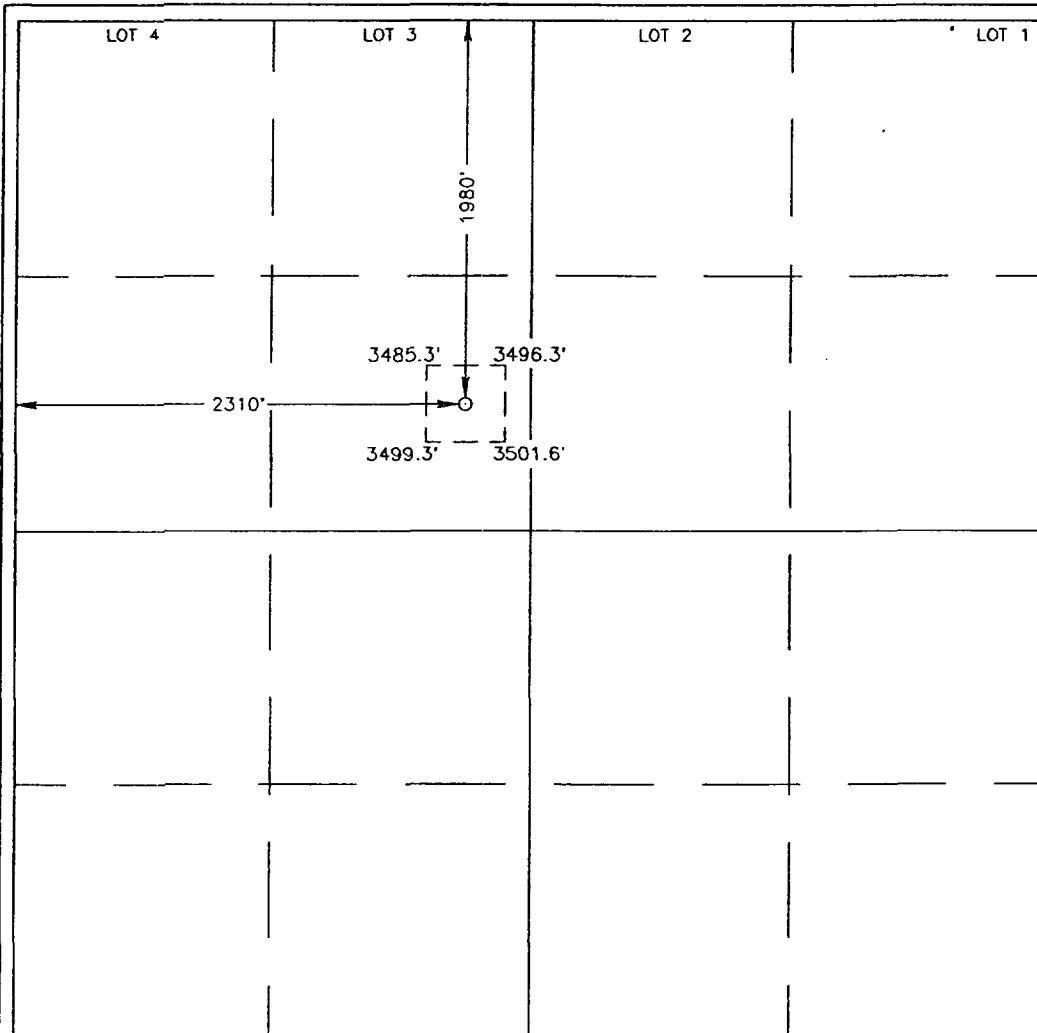
## Surface Location

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



## OPERATOR CERTIFICATION

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

*Chuck Morgan*  
Signature

Chuck Morgan  
Printed Name

Engineer  
Title

April 29, 1997  
Date

## 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.

APRIL 14, 1997

Date Surveyed DMCC

Signature & Seal  
Professional Surveyor

RONALD J. EIDSON  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
3239  
67-11-0662  
4-17-97  
Certificate No. JOHN W. WEST 676  
RONALD J. EIDSON 3239  
RONALD J. EIDSON 12641

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-97122

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Chalk Federal #5

9. API WELL NO.

30-015-29650

10. FIELD AND POOL, OR WILDCAT

Red Lake, QN-GB-SA

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

Sec 5, T18S, R27E, Lot 3, C

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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 915/685-1761

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

At surface

990' FNL 2310' FWL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

15. DATE SPUDDED

10/18/01

16. DATE T.D. REACHED

10/25/00

17. DATE COMPL. (Ready to prod.)

01/25/01

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3450

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

3405

22. IF MULTIPLE COMPL.,  
HOW MANY\*

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

Rotary

CABLE TOOLS

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

2796' - 3059'

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
8-5/8"	24#	1154	12-1/4"	375 sx Lite 200 sx C, Circ	None
5-1/2"	14#	3448	7-7/8"	250 sx 35/65 350 sx C, Circ	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3089	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

2796, 2805, 11, 14, 22, 38, 41, 52, 64, 66, 67, 2905, 14, 41, 49, 52, 69, 87, 97, 3011, 15, 34, 46, 59 (4" select fire, 1 spf, 24 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2796-3059	A: 4000 gal 15% HCL
	F: 59,724 bbl Viking 30 + 100,320# 16/30
	+ 35,120# 12/20 Brady sd

33. \* PRODUCTION

DATE FIRST PRODUCTION 01/11/01		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump Pmp 2-1/2" x 2" x 12' RWAC				WELL STATUS (Producing or shut-in Prod	
DATE OF TEST 01/25/01	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL—BBL. 56	GAS—MCF. 55	WATER—BBL. 84	GAS-OIL RATIO 982
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 56	GAS—MCF. 55	WATER—BBL. 84	OIL GRAVITY-API (CORR.)	

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

Sold

TEST WITNESSED BY

Chuck Morgan

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 Atwater

TITLE Regulatory Tech

DATE 02/06/01

\*(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.

1

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Yeso	2796	3059	Tested 56 BOPD, 55 MCFPD, 84 BWPD

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	1380				
Glorieta	2650				
Yeso	2880				

**EXHIBIT I**  
P.O. Drawer 20, 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
		Red Lake QN-GB-SA
Property Code	Property Name	Well Number
	CHALK FEDERAL	5
OGRID No.	Operator Name	Elevation
020451	SDX RESOURCES, INC.	3481

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	5	18 S	27 E		990	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
40.56 AC.	40.26 AC.	39.85 AC.	39.55 AC.

**OPERATOR CERTIFICATION**

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

Signature

Chuck Morgan

Printed Name

Engineer

Title

April 28, 1997

Date

**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.

APRIL 14, 1997

Date Surveyed

Signature & Seal of Professional Surveyor

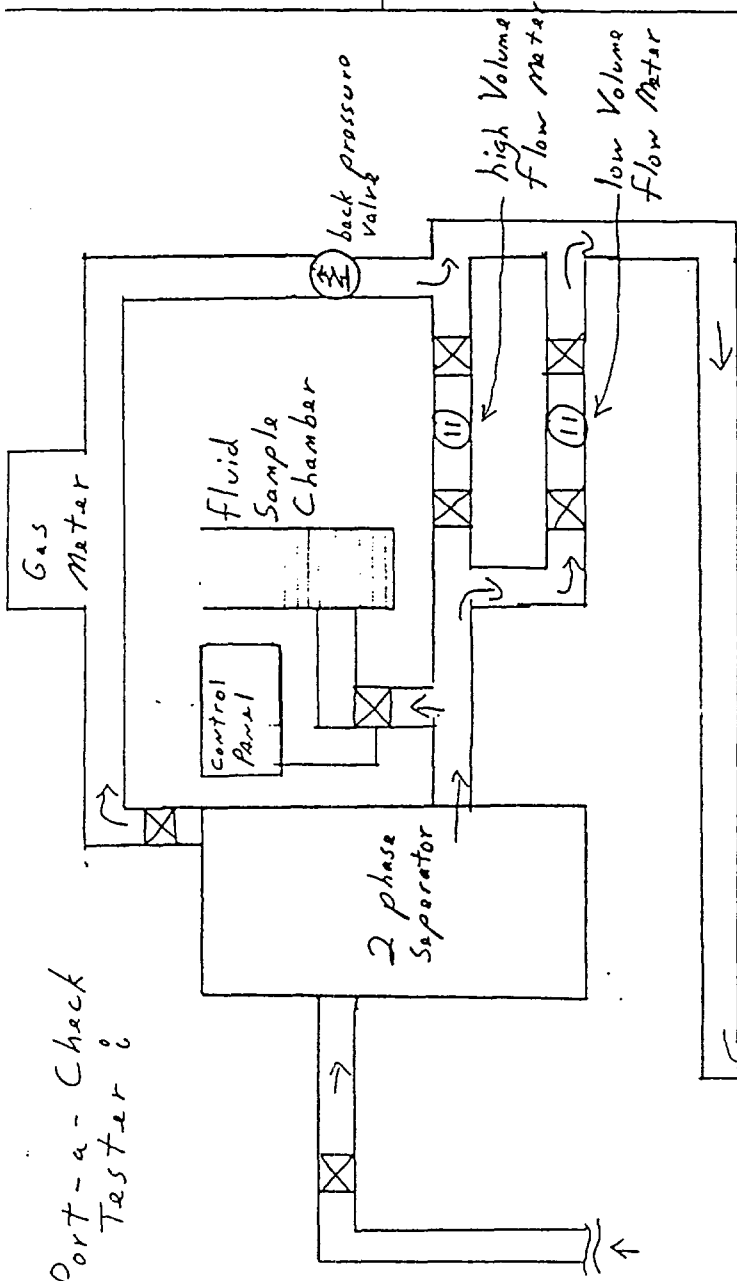
DMCC

676

3239

12641

Port-a-Check  
Tester :



Standard Well Head :

