

SDX RESOURCES, INC.

P.O. BOX 5061

MIDLAND, TEXAS 79704

(915) 685-1761

January 11, 1993

Marbob Energy Corp.
P. O. Box 217
Artesia, NM 88210

CERTIFIED RETURN RECEIPT

Re: Application for Authority
to Inject
Sec. 33, T17S, R29E
Eddy County, New Mexico

Gentlemen:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) for SDX's Leonard Fed. #3 located in Unit F, Section 33, Township 17 South, Range 29 East and Leonard B Fed. #1 located in Unit B, Section 33, Township 17 South, Range 29 East of Eddy County, New Mexico.

Should you have any questions, please contact us at the letterhead address or call (915) 685-1761. Thank you for your consideration in this matter.

Best regards,

John Pool

John Pool
Vice President

by *(BW)*

\bw

Enclosures

SDX RESOURCES, INC.

P.O. BOX 5061

MIDLAND, TEXAS 79704

(915) 685-1761

January 11, 1993

Tenneco Oil Co.
6800 Park Ten Blvd.
Suite 200 N.
San Antonio, TX 78213

CERTIFIED RETURN RECEIPT

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Sec. 33, T17S, R29E
Eddy County, New Mexico

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Vice President

by Bu

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Enclosures

SDX RESOURCES, INC.

P.O. BOX 5061

MIDLAND, TEXAS 79704

(915) 685-1761

January 11, 1993

Yates Drilling Company
105 South Fourth Street
Artesia, NM 88210

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MIDLAND, TEXAS 79704

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January 11, 1993

Mack Energy Corp.
P. O. Box 276
Artesia, NM 88210

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Vice President

by (B)

\bw

Enclosures

SDX RESOURCES, INC.

P.O. BOX 5061

MIDLAND, TEXAS 79704

(915) 685-1761

January 11, 1993

Amoco Production Co.
P. O. Box 4072
Odessa, TX 79760

CERTIFIED RETURN RECEIPT

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to Inject
Sec. 33, T17S, R29E
Eddy County, New Mexico

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Vice President

by Bu

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Enclosures

SDX RESOURCES, INC.

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

January 11, 1993

BLM
P. O. Box 1778
Carlsbad, NM 88220

CERTIFIED RETURN RECEIPT

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Sec. 33, T17S, R29E
Eddy County, New Mexico

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Vice President

by (Bn)

\bw

Enclosures

SDX RESOURCES, INC.

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

January 11, 1993

Bogle Farms, Inc.
P. O. Box 358
Dexter, NM 88230

CERTIFIED RETURN RECEIPT

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to Inject
Sec. 33, T17S, R29E
Eddy County, New Mexico

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John Pool

John Pool
Vice President

by Bu

\bw

Enclosures

WELLS IN LEONARD FEDERAL #3 AREA OF REIVEW
ATTACHMENT C-1

WELL NAME	OPERATOR	TYPE	SPUD	COMPLETION	T.D.	PROD. ZONE	PERFS	COMPLETION INFORMATION			
LEONARD B FED #1 B-33-17S-29E	SDX RESOURCES, INC	OIL	5-28-45	7-8-45	3048'	GRAYBURG SAN ANDRES	O.H.	8 1/4" 5 1/2" 2 3/8"	24# 15# TBG	310' 2754'	50 SX 100 SX PUMPING
LEONARD B FED #4 G-33-17S-29E	SDX RESOURCES, INC	OIL	11-11-58	12-19-58	3135'	GRAYBURG SAN ANDRES	2738'-3058'	8 5/8" 5 1/2" 2 3/8"	24# 14# TBG	353' 3135' 3039'	75 SX 150 SX PUMPING
LEONARD FED #2 E-33-17S-29E	SDX RESOURCES, INC	OIL	8-3-58	9-12-58	3041'	GRAYBURG SAN ANDRES	2670'-3008'	8 5/8" 5 1/2" 2 3/8"	24# 14# TBG	331' 3041' 2698'	125 SX 125 SX PUMPING
LEONARD FED #3 F-33-17S-29E	SDX RESOURCES, INC	OIL	9-23-58	10-27-58	3052'	GRAYBURG SAN ANDRES	2654'-2956'	8 5/8" 5 1/2" 2 3/8"	24# 14# TBG	357' 2989' 2843'	75 SX 125 SX PUMPING
LEONARD FED #4	SDX RESOURCES, INC	OIL	11-11-58	2-2-59	2983'	GRAYBURG SAN ANDRES	2454'-2956'	8 5/8" 5 1/2" 2 3/8"	28# 14# TBG	330' 2982' 2852'	75 SX 150 SX PUMPING
LEONARD FED #1 C-33-17S-29E	SDX RESOURCES, INC	OIL	11-21-43	2-21-44	2732'	GRAYBURG SAN ANDRES	2439'-2731'	8 1/4" 7" 2 3/8"	24# TBG	344' 2232'	50 SX 100 SX PUMPING
LEONARD FED #5 L-33-17S-29E	SDX RESOURCES, INC	OIL	1-1-59	2-10-59	3101'	GRAYBURG SAN ANDRES	2560'-3018'	8 5/8" 5 1/2" 2 3/8"	28# 14# TBG	378' 3101'	75 SX 175 SX PUMPING
LEONARD FED #6 K-33-17S-29E	SDX RESOURCES, INC	OIL	1-14-59	2-25-59	3058'	GRAYBURG SAN ANDRES	2642'-3039'	8 5/8" 5 1/2" 2 3/8"	24# 15# TBG	366' 3058' 3000'	75 SX 175 SX PUMPING
LEONARD B FED #5 B-33-17S-29E	SDX RESOURCES, INC	OIL	4-29-92	9-1-92	3690'	GRAYBURG SAN ANDRES	2430'-3003'	8 5/8" 5 1/2" 2 3/8"	24# 15.5# TBG	322' 3690' 3011'	255 SX 900 SX PUMPING
OLD LOCO UNIT #22 H-32-17S-29E	MARBOB ENERGY	OIL	4-8-81	4-15-81	3517'	GRAYBURG SAN ANDRES	2355'-2830'	8 5/8" 4 1/2" 2 3/8"	24# 10.5# TBG	283' 3516' 2810'	225 SX 550 SX PUMPING
PERRY LEONARD #2	MARBOB ENERGY	OIL	3-9-78	3-10-78	2827'	GRAYBURG SAN ANDRES	2464'-2781'	8 5/8" 7" 5 1/2" 4 1/2" 2 3/8"	24# 15.5# 10.5# TBG	445' 2439' 1800' 2804' 2450'	50 SX 100 SX N/A 270 SX PUMPING

WELLS IN LEONARD FEDERAL #3 AREA OF REVIEW
ATTACHMENT C-1

WELL NAME	OPERATOR	TYPE	SPUD	COMPLETION	T.D.	PROD. ZONE	PERFS	COMPLETION INFORMATION			
G-J WEST COOP UNIT #77 O-28-17S-29E	MARBOB ENERGY	OIL	12-4-85	12-31-85	4590'	GRAYBURG SAN ANDRES	2447'-3486'	8 5/8"	24#	296'	250 SX
								5 1/2"	15.5#	4570'	1350 SX
PERRY LEONARD #1 M-33-17S-29E	MARBOB ENERGY	OIL	2-24-44	6-1-44	2755'	GRAYBURG SAN ANDRES	O.H.	8 1/4"		385'	100 SX
								2 3/8"	TBG	2735'	100 SX
MARBOB ST 2C J-33-17S-29E	MARBOB ENERGY	OIL	10-10-59	11-19-59	3198'	GRAYBURG SAN ANDRES	2746'-2756'	8 5/8"	24#	320'	25 SX
								5"	TBG	2985'	125 SX
MARBOB ST 4C J-33-17S-29E	MARBOB ENERGY	OIL	8-26-50	5-5-58	3100'	GRAYBURG SAN ANDRES	2876'-2890' 96' O.H.	8 5/8"	24#	300'	N.R.
								5 1/2"	14#	3014'	125 SX
FED 33 COM #1 C-33-17S-29E	TENNECO OIL CO	GAS	7-16-74	10-11-74	11095'	MORROW	10761'-10804'	13 3/8"	48#	297'	300 SX
								8 5/8"	32#	3400'	2700 SX
FED 33 COM #2 C-33-17S-29E	TENNECO OIL CO	T.A.	7-22-79	1-15-80	9200'	NONE S.I.	9090'-9110' CIBP 9050' 8612'-8780' CIBP 7650'	5 1/2"	17-15.5#	11095'	555 SX
								2 3/8"	TBG	10653'	FLOWING
EMPIRE SOUTH DEEP UNIT GAS COM #8 L-33-17S-29E	AMOCO PROD CO	P.A.	2-22-76	12-8-76	11180'	STRAWN	10160'-10177'	13 3/8"	54.5#	348'	325 SX
								8 5/8"	24&32#	2800'	1200 SX
LEONARD B FED #2 H-33-17S-29E	SDX RESOURCES, INC	OIL	2-15-47	4-6-47	3121'	GRAYBURG SAN ANDRES	2973'-3121'	5 1/2"	15.5#	11179'	400 SX
								P&A 11-30-87			
LEONARD B FED #3 A-33-17S-29E	SDX RESOURCES, INC	OIL	5-5-47	7-7-47	3086'	GRAYBURG SAN ANDRES	2900'-3086'	8 5/8"	28#	320'	50 SX
								7"	20#	2873'	100 SX
								2 3/8"	TBG		PUMPING
								2 3/8"	TBG		

WELLS IN LEONARD B FEDERAL #1 AREA OF REVIEW
ATTACHMENT C-2

WELL NAME	OPERATOR	TYPE	SPUD	COMPLETION	T.D.	PROD. ZONE	PERFS	COMPLETION INFORMATION
LEONARD ST. #1 O-28-17S-29E	MARBOB ENERGY	OIL	10-15-45	12-5-45	2800'	GRAYBURG SAN ANDRES	O.H. 2750'-T.D.	290' 50 SX 2750' 100 SX 7" TBG 2780' PUMPING
G-J WEST COOP UNIT #92 J-28-17S-29E	MARBOB ENERGY	OIL	2-3-91	3-4-91	4800'	GRAYBURG SAN ANDRES	2741'-3456'	24# 378' 325 SX 17# 4779' 1250 SX TBG 3500' PUMPING
G-J WEST COOP UNIT #94 I-28-17S-29E	MARBOB ENERGY	OIL	6-22-91	7-16-91	3650'	GRAYBURG SAN ANDRES	2757'-3433'	24# 327' 325 SX 17# 3619' 1000 SX TBG 3469' PUMPING
LEONARD ST. #4 P-28-17S-29E	MARBOB ENERGY	OIL	1946	1946	2932'	GRAYBURG SAN ANDRES	2405'-2424' O.H. 2783'-2932'	24# 300' 50 SX 20# 2783' 100 SX TBG PUMPING
LEONARD ST. #3 O-28-17S-29E	MARBOB ENERGY	WIW	7-22-44	9-30-44	3063'	GRAYBURG SAN ANDRES	O.H. 2750'-2904'	8 1/2" 310' 50 SX 7" 2750' 80 SX 2 3/8" PLASTIC COATED W/PACKER 2
LEONARD ST. #4B M-27-17S-29E 660' FWL & 330' FSL	MARBOB ENERGY	P&A	4-9-62	4-26-62	6515'	P&A	P&A	8 5/8" 24# 800' 235 SX 25 SX - 6435' 25 SX - 3920' 20 SX - 4450' 20 SX - 75'
ROBINSON A-3 D-34-17S-29E 660' FNL & FWL	YATES DRILLING CO	OIL	2-24-46	4-18-46	3140'	GRAYBURG SAN ANDRES	O.H. 2941'-3140'	8 1/4" 455' 60 SX 7" 2941' 100 SX 2 3/8" TBG 3124' PUMPING
LEONARD ST. #1 D-34-17S-29E	YATES DRILLING CO	OIL	5-18-46	9-11-46	3100'	GRAYBURG SAN ANDRES	O.H. 2880'-3073'	8 5/8" 24# 300' 50 SX 7" 20# 2880' 100 SX PUMPING
LEONARD ST. #4 D-34-17S-29E 430' FNL & 990' FWL	YATES DRILLING CO	P&A	11-13-48	12-31-48	3060'	P&A	P&A	8" 310' NO RECORDS P&A 12-31-48
LEONARD ST. #2 N-28-17S-29E	MACK ENERGY	OIL	2-26-44	4-30-44	2945'	GRAYBURG SAN ANDRES	O.H. 2605'-2945'	8 1/4" 24# 305' 50 SX 7" 20# 2605' 50 SX 2 3/8" TBG 2920' PUMPING
G-J WEST COOP UNIT #77 O-28-17S-29E	MARBOB ENERGY	OIL	12-4-85	12-31-85	4590'	GRAYBURG SAN ANDRES	2447'-3486'	8 5/8" 24# 296' 250 SX 5 1/2" 15.5# 4570' 1350 SX 2 7/8" TBG 3506' PUMPING

WELLS IN LEONARD B FEDERAL #1 AREA OF REVIEW
ATTACHMENT C-2

WELL NAME	OPERATOR	TYPE	SPUD	COMPLETION	T.D.	PROD. ZONE	PERFS	COMPLETION INFORMATION
LEONARD FED #1 C-33-17S-29E	SDX RESOURCES, INC	OIL	11-21-43	2-21-44	2732'	GRAYBURG SAN ANDRES	2439'-2731'	8 1/4" 344' 7" 2232' 2 3/8" TBG 50 SX 100 SX PUMPING
LEONARD FED #4	SDX RESOURCES, INC	OIL	11-11-58	2-2-59	2983'	GRAYBURG SAN ANDRES	2454'-2956'	8 5/8" 330' 5 1/2" 2982' 2 3/8" TBG 75 SX 150 SX PUMPING
LEONARD FED #3 F-33-17S-29E	SDX RESOURCES, INC	OIL	9-23-58	10-27-58	3052'	GRAYBURG SAN ANDRES	2654'-2956'	8 5/8" 357' 5 1/2" 2989' 2 3/8" TBG 75 SX 125 SX PUMPING
LEONARD B FED #4 G-33-17S-29E	SDX RESOURCES, INC	OIL	11-11-58	12-19-58	3135'	GRAYBURG SAN ANDRES	2738'-3058'	8 5/8" 353' 5 1/2" 3135' 2 3/8" TBG 75 SX 150 SX PUMPING
FED 33 COM #1 C-33-17S-29E	TENNECO OIL CO	GAS	7-16-74	10-11-74	11095'	MORROW	10761'-10804'	13 3/8" 297' 8 5/8" 3400' 5 1/2" 17-15.5# 11095' 2 3/8" TBG 10653' 300 SX 2700 SX 555 SX FLOWING
FED 33 COM #2 C-33-17S-29E	TENNECO OIL CO	T.A.	7-22-79	1-15-80	9200'	NONE S.I.	9090'-9110' CIBP 9050' 8612'-8780' CIBP 7650'	13 3/8" 348' 8 5/8" 24832# 2800' 5 1/2" 17-15.5# CIBP AT 7650' W/35' CMT 325 SX 1200 SX 400 SX
LEONARD B FED #2 H-33-17S-29E	SDX RESOURCES, INC	OIL	2-15-47	4-6-47	3121'	GRAYBURG SAN ANDRES	2973'-3121'	8 5/8" 348' 7 2973' 2 3/8" TBG 50 SX 100 SX PUMPING
LEONARD B FED #3 A-33-17S-29E	SDX RESOURCES, INC	OIL	5-5-47	7-7-47	3086'	GRAYBURG SAN ANDRES	2900'-3086'	8 5/8" 320' 7 2873' 2 3/8" TBG 50 SX 100 SX PUMPING

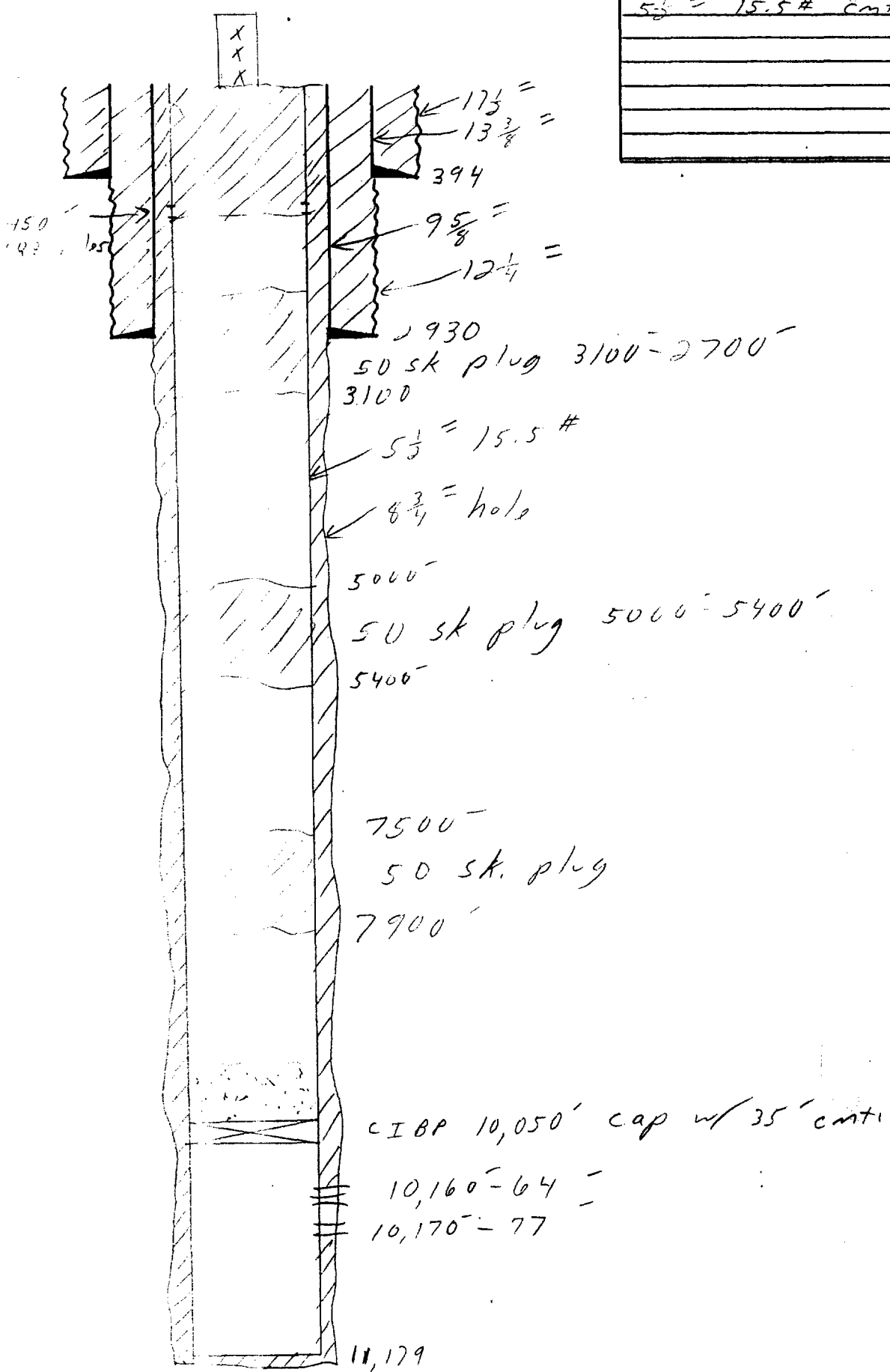
P & A WELL SCHEMATICS

Attachment D

WELL NAME: Empire South Deep Conn #8 FIELD AREA: VNH, Strawn
 LOCATION: 1950 FSL & 1241 FWH Sec. 33 17S 29E
 GL: 42' ZERO: AGL:
 KB: ORIG. DRLG./COMPL. DATE:
 COMMENTS:

CASING PROGRAM:

SIZE/WT./GR./CONN.	DEPTH SET
13 3/8" 54.5 cmt. w/ 400 sk.	394
9 5/8" 32.3-36# cmt. w/ 2000 sk.	2930
5 1/2" 15.5# cmt. w/ 2878 sk.	11,172

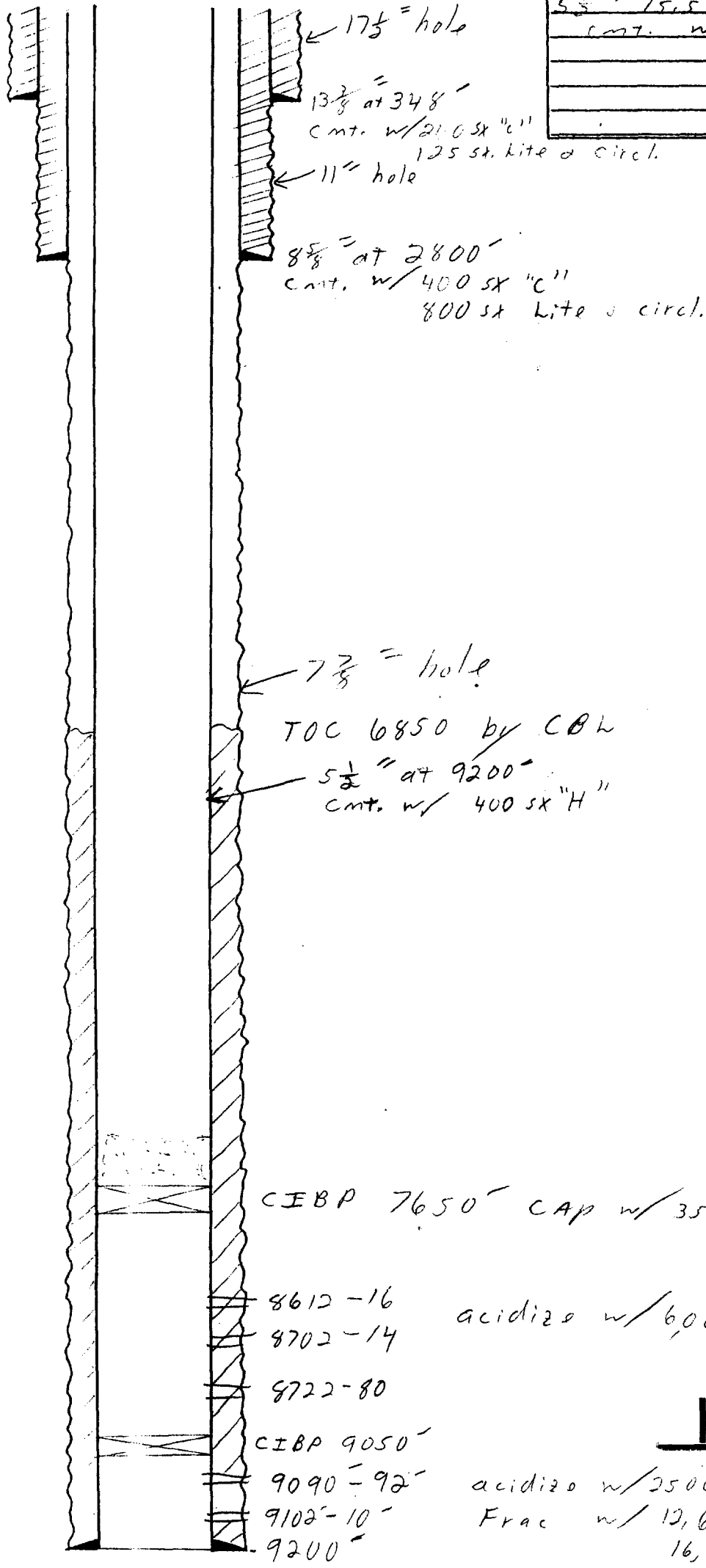


ILLEGIBLE

WELL NAME: Federal 33C #2 FIELD AREA: South Empire Und.
LOCATION: Sec. 33 T17S R29E 1010 FwL & 1710 FwL
GL: 55' ZERO: ' AGL: '
KB: 275' ORIG. DRLG./COMPL. DATE: 1/15/80
COMMENTS: _____

CASING PROGRAM:

SIZE/WT./GR./CONN.	DEPTH SET
13 3/8" = 54.5# NEW	244'
Cmt. w/ 200 SX "C" & 125 ST. LITE	
8 5/8" = 24 & 32# NEW	280'
Cmt. w/ 400 SX "C" & 800 SX CL "H"	
5 1/2" = 15.5-17# NEW	920'
Cmt. w/ 400 SX "H"	

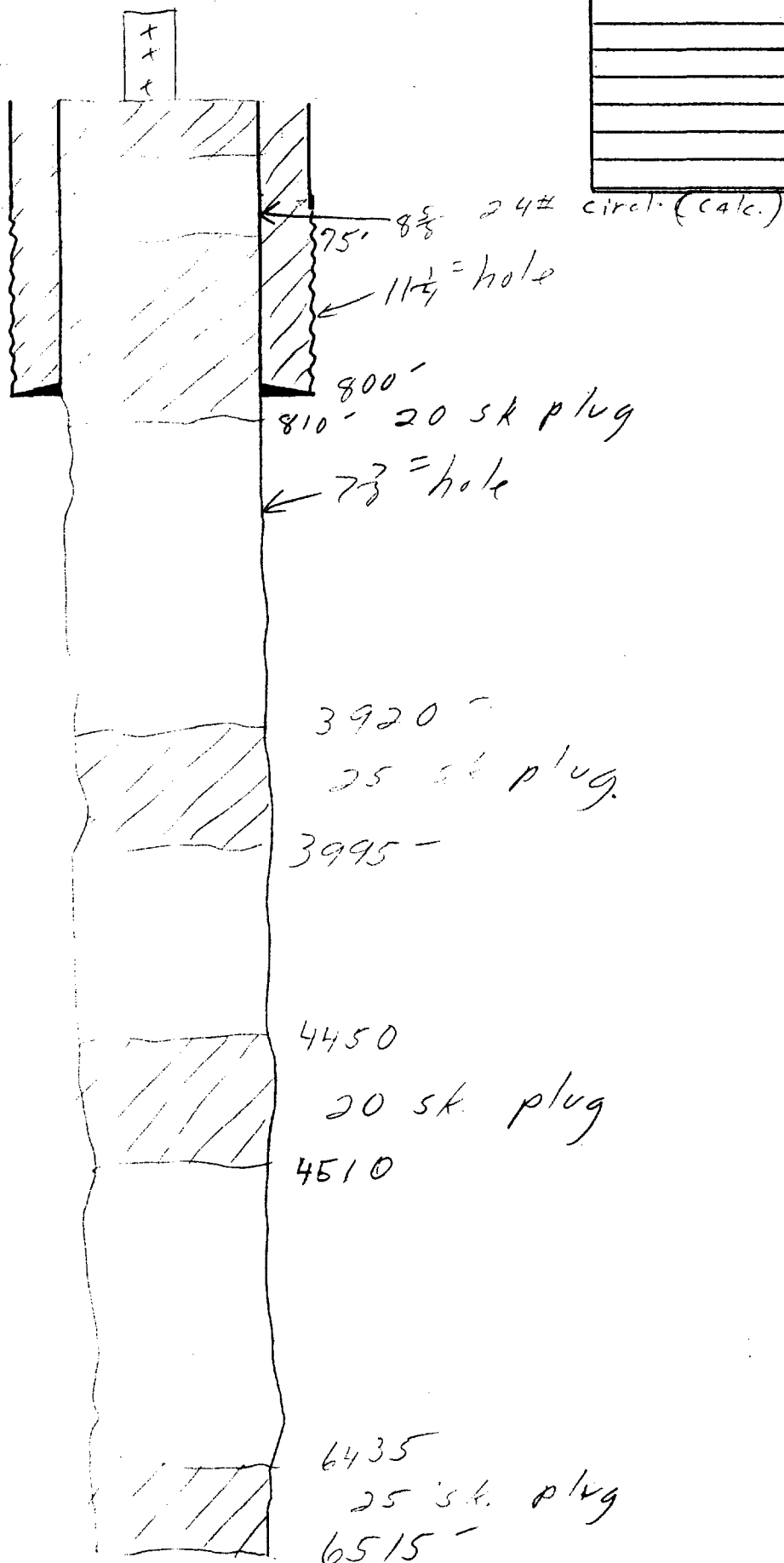


ILLEGIBLE

- SKETCH NOT TO SCALE-

REVISED: 11/27/92

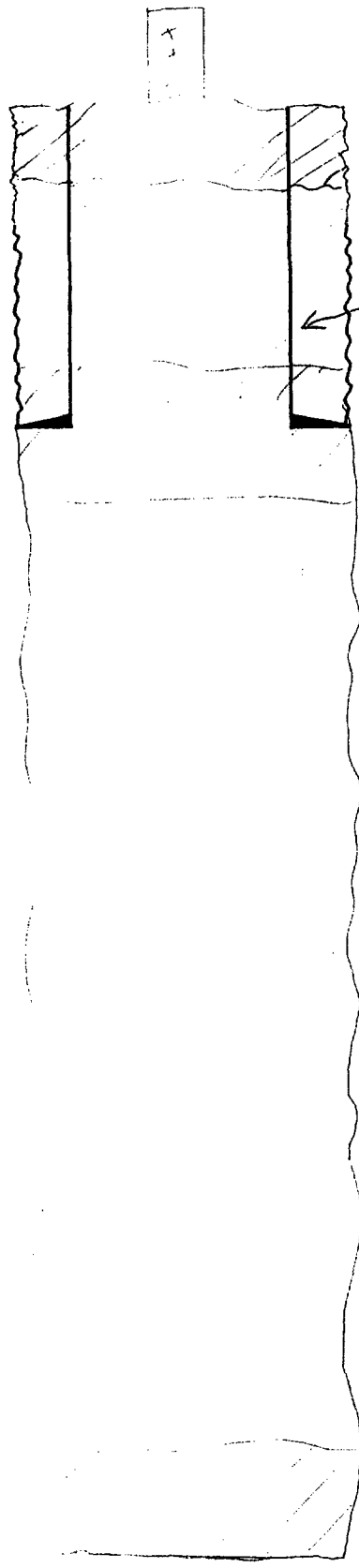
CASING PROGRAM:

[illegible]

ILLEGIBLE

WELL NAME: Howard St. #4 FIELD AREA: Grayburg Jackson
LOCATION: 1/4 D Sec. 34 17S 29E 43D FWH 990 FWH
GL: 326' ZERO: AGL:
KB: ORIG. DRLG./COMPL. DATE: 11/13/48 12/31/48 CASING PROGRAM:
COMMENTS:

SIZE/WT./GR./CONN.	DEPTH SET
8" set	310'



8" set at 310' (Assumed pulled No rec.)
310'
2960'
3060'
(Plugs are assumed no record)

ILLEGIBLE

ATTACHMENT E
HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES
ARTESIA DISTRICT

LABORATORY REPORT

No. W399 & W400-92

TO S D X. Resources
P. O. Box 5061
Midland, TX 79704

Date November 27, 1992

This report is the property of Halliburton Services and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management. It may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Services.

Submitted by _____ Date Rec. _____

Well No. _____ Depth _____ Formation _____

Field _____ County _____ Source _____

Standard Windmill

Leonard Battery

Resistivity 1.77 @ 70° 0.060 @ 70°

Specific Gravity .. 1.0029 @ 70° 1.1328 @ 70°

pH 6.8 7.5

Calcium 3,076 4,922

Magnesium 652 2,144

Chlorides 2,000 116,000

Sulfates 1,400 1,200

Bicarbonates 244 305

Soluble Iron 0 0

Remarks:

Eric Jacobson
Respectfully submitted

Analyst: Eric Jacobson - Operations Engineer

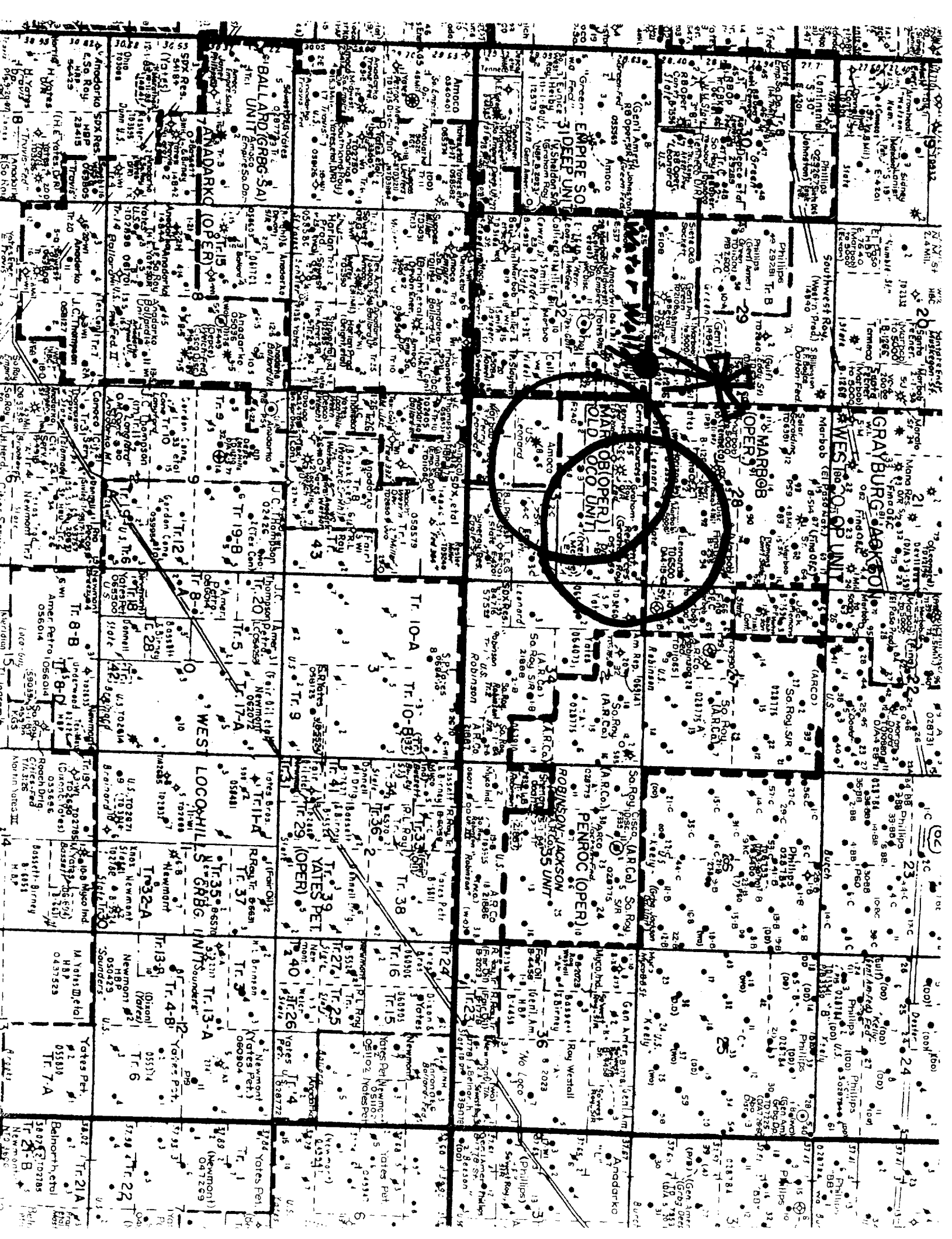
HALLIBURTON SERVICES

NOTICE:

This report is for information only and the content is limited to the sample described. Halliburton makes no warranties, express or implied, as to the accuracy of the contents or results. Any user of this report agrees Halliburton shall not be liable for any loss or damage, regardless of cause, including any act or omission of Halliburton, resulting from the use hereof.

Attachment F

Page 1 - Windmill Location
Page 2 - Water Sample



HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES

ARTESIA DISTRICT

LABORATORY REPORT

No. W399 & W400-92TO S D X. ResourcesDate November 27, 1992P. O. Box 5061Midland, TX 79704

This report is the property of Halliburton Services and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management. It may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Services

Submitted by _____ Date Rec. _____

Well No. _____ Depth _____ Formation _____

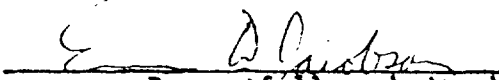
Field _____ County _____ Source _____

Standard Windmill

Leonard Battery

Resistivity 1.77 @ 70° 0.060 @ 70°Specific Gravity .. 1.0029 @ 70° 1.1328 @ 70°pH 6.8 7.5Calcium 3,076 4,922Magnesium 652 2,144Chlorides 2,000 116,000Sulfates 1,400 1,200Bicarbonates 244 305Soluble Iron 0 0

Remarks:


Respectfully submittedAnalyst: Eric Jacobson - Operations Engineer

HALLIBURTON SERVICES

NOTICE:

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Attachment G

List of all offset lease and surface owners that
were set cetified letters of notification.

NOTIFIED LEASE OWNERS

Marbob Energy Corp.
P. O. Box 217
Artesia, NM 88210

Mack Energy Corp.
P. O. Box 276
Artesia, NM 88210

Tenneco Oil Co.
6800 Park Ten Blvd.
Suite 200 N.
San Antonio, TX 78213

Amoco Production Co.
P. O. Box 4072
Odessa, TX 79760

Yates Drilling Company
105 South Fourth Street
Artesia, NM 88210

BLM
P. O. Box 1778
Carlsbad, NM 88220

NOTIFIED SURFACE OWNERS

Bogle Farms, Inc.
P. O. Box 358
Dexter, NM 88230

127 104 110

P 429 462 152

P 429 462 149

P 429 462 597

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Yates Drilling Co.	
Street and No.	
105 S. 4th Street	
P.O. State and ZIP Code	
Artesia, NM 88210	
Postage	\$ 190
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 390
Postmark or Date	

PS Form 3800, June 1991

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Tenneco Oil Co.	
Street and No.	
6800 Park 10 Blvd, Ste 200 N.	
P.O. State and ZIP Code	
San Antonio, TX 78213	
Postage	\$ 190
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 390
Postmark or Date	

PS Form 3800, June 1991

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Marbob Energy Corp.	
Street and No.	
P. O. Box 217	
P.O. State and ZIP Code	
Artesia, NM 88210	
Postage	\$ 190
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 390
Postmark or Date	

PS Form 3800, June 1991

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
BLM	
Street and No.	
P. O. Box 1778	
P.O. State and ZIP Code	
Carlsbad, NM 88220	
Postage	\$ 290
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 490
Postmark or Date	

PS Form 3800, June 1991

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Boyle Farms, Inc.	
Street and No.	
P. O. Box 358	
P.O. State and ZIP Code	
Dexter, NM 88230	
Postage	\$ 190
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 390
Postmark or Date	

PS Form 3800, June 1991

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
AMOCO Production Co.	
Street and No.	
P. O. Box 4072	
P.O. State and ZIP Code	
Odessa, TX 79760	
Postage	\$ 190
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 390
Postmark or Date	

PS Form 3800, June 1991

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Mack Energy Corp.	
Street and No.	
P. O. Box 276	
P.O. State and ZIP Code	
Artesia, NM 88210	
Postage	\$ 190
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 390
Postmark or Date	

PS Form 3800, June 1991

(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

LC 062407

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Leonard Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

GR-Jackson-SR-Q-GR-SA

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

Sec. 33, T17S, R29E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

SDX RESOURCES, INC.

3. ADDRESS OF OPERATOR

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)

At surface

Unit F, 1980' FNL & 1980' FWL

14. PERMIT NO.

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

3548 DF

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Convert to Injector

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

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

17. 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.)*

1-15-93 Propose to convert to water injector thru existing perforations at 2654'-2956' in Grayburg and San Andres formations using 2 3/8" plastic coated tubing at 2550' with plastic coated R-4 packer at 2550'.

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

SIGNED

Barbara E. Wickham

TITLE

Production Analyst

DATE

1/12/93

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*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.

(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-01-5
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. LC 07459
2. NAME OF OPERATOR SDX RESOURCES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 5061 Midland, TX 79704-5061		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit B, 330' FNL & 1650' FEL		8. FARM OR LEASE NAME Leonard B Federal
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3555 DF		10. FIELD AND POOL, OR WILDCAT GR-Jackson-SR-Q-GR-SA
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T17S, R29E
		12. COUNTY OR PARISH Eddy
		13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) Convert to Injector	☒

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other)	

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

17. 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.)*

1-15-93 Propose to convert to water injector thru existing perforations at 2754'-3048' and added additional perforations at 2650'-2754' in the Grayburg and San Andres formations using 2 3/8" plastic coated tubing with a R-4 plastic coated packer set at 2550'.

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

SIGNED Barbara J. Wickham TITLE Production Analyst

DATE 1/12/93

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

Affidavit of Publication

No. 14183

STATE OF NEW MEXICO,

County of Eddy:

Gary D. Scott being duly sworn, says: That he is the Publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached Legal Notice

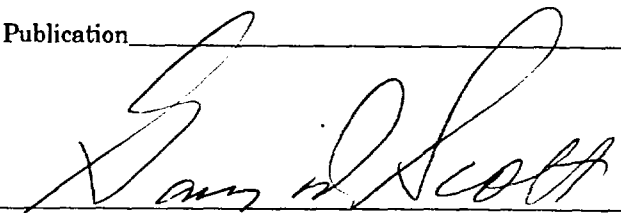
was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 days consecutive weeks on the same day as follows:

First Publication January 15, 1993

Second Publication _____

Third Publication _____

Fourth Publication _____



Subscribed and sworn to before me this 28th day of January 19 93



Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1996

2-2-93
Copy of Publication

LEGAL NOTICE

SDX Resources, Inc., P.O. Box 5061, Midland, Texas 79704, has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for injection wells. The proposed injection zone for the "Leonard Fed. #3" located 1980' FNL & 1980' FWL of Section 33, Township 17 South, Range 29 East of Eddy County, New Mexico, is the Grayburg and San Andres formations with perforations from 2654' to 2956'. The proposed injection zone for the "Leonard B. Fed. #1" located 330' FNL & 1650' FEL of Section 33, Township 17 South, Range 29 East of Eddy County, New Mexico, is the Grayburg and San Andres formations with perforations from 2650' to 3048'. SDX Resources, Inc. intends to inject a maximum of 1000 bbls of produced formation water per day at a maximum of 530 psi. Interested parties must file objections with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico, 87501 within 15 days of this notice. Published in the Artesia Daily Press, Artesia, N.M. January 15, 1993.

Legal 14183

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Revised August 21, 1985
5. LEASE, DESIGNATION AND SERIAL NO.

LC 07459-057459

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR SDX RESOURCES, INC.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 5061 Midland, TX 79704-5061		8. FARM OR LEASE NAME Leonard B Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit B, 330' FNL & 1650' FEL		9. WELL NO. 1	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT GR-Jackson-SR-Q-GR-SA	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3555 DF		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T17S, R29E	
		12. COUNTY OR PARISH Eddy	13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) Convert to Injector	☒

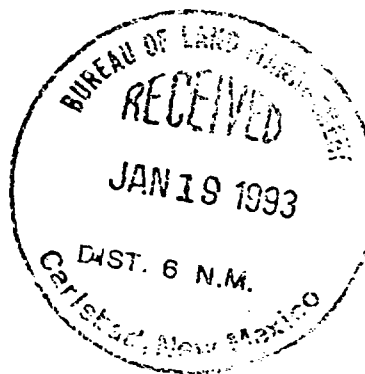
SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☐	

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

17. 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.)*

1-15-93 Propose to convert to water injector thru existing perforations at 2754'-3048' and added additional perforations at 2650'-2754' in the Grayburg and San Andres formations using 2 3/8" plastic coated tubing with a R-4 plastic coated packer set at 2550'.



CARL AREA H
JAN 19 11 20 AM '93

RECEIVED

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

SIGNED Barbara E. Wickham TITLE Production Analyst

DATE 1/12/93

(This space for Federal or State office use)

APPROVED BY Harriet Glass TITLE _____

DATE 1-28-93

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMITTAL-THEMATIC
(Other instructions on re-
verse side)

Public Bureau No. 1001-10
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.

LC 062407 NM 2845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR SDX RESOURCES, INC.		8. FARM OR LEASE NAME Leonard Federal	
3. ADDRESS OF OPERATOR P. O. Box 5061, Midland, TX 79704-5061		9. WELL NO. 3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit F, 1980' FNL & 1980' FWL		10. FIELD AND POOL, OR WILDCAT GR-Jackson-SR-Q-GR-SA	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T17S, R29E		12. COUNTY OR PARISH Eddy	
13. STATE NM		14. PERMIT NO.	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3548 DF		16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data	

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

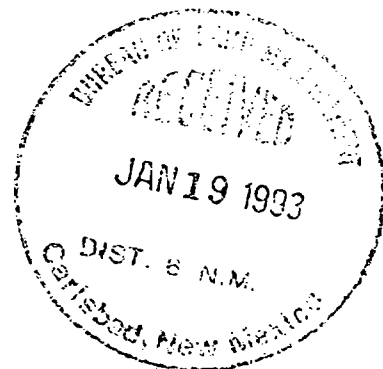
TEST WATER SHUT-OFF ☐	PCLL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) Convert to Injector ☒	

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☐	

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

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1-15-93 Propose to convert to water injector thru existing perforations at 2654'-2956' in Grayburg and San Andres formations using 2 3/8" plastic coated tubing at 2550' with plastic coated R-4 packer at 2550'.



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

SIGNED Barbara E. Wickham TITLE Production Analyst

DATE 1/12/93

(This space for Federal or State office use)

APPROVED BY David P. Glass TITLE

DATE 1-28-93

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side