



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

1/9/97

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

GOVERNOR

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

SWD-653
1/29/97

RE: Proposed:

MC	_____
DHC	_____
NSL	_____
NSP	_____
SWD	<u>X</u> _____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

<u>SDX Resources Inc</u>	<u>Meyers A</u>	<u>#5-B</u>	<u>22-245-36e</u>
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no
- II. Operator: SDX Resources, Inc.
Address: PO Box 5061, Midland, TX 79704
Contact party: Chuck Morgan Phone: 915/685-1761
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____.
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- * XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification
- I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- Name: Chuck Morgan Title Engineer
Signature: Chuck Morgan Date: 1-2-97
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

Application for Authorization to Inject

SDX Resources, Inc. - Meyers Federal A #5
Unit Letter B, Sec 22, T24S, R36E
660' FNL 1980' FEL, API #30-025-09603
Lea Co., New Mexico

- I. PURPOSE: Disposal
Administrative Approval? Yes
- II. OPERATOR: SDX Resources, Inc.
PO Box 5061
Midland, Texas 79704

Contact: Chuck Morgan 915/685-1761

- III. Meyers A #5
Sec 22, T24S, R36E
660' FNL 1980' FEL

Original Hole Condition:

13-3/8" 54.5# at 240'. Cmt w/150 sx. Assumed 17-1/4" hole site. TOC @ surface. Calculated (.75 eff.)
9-5/8" 40# at 3100'. Cmt w/775 sx. Assumed 12" hole site. TOC 361'. Calculated (.75 eff.)
7" 20# @ 3527'. Cmt w/150 sx. Assumed 8-5/8" hole site. TOC 2200'. Calculated (.75 eff.)

Well is currently Plugged & Abandoned. No P&A on file at OCD or BLM.

SDX proposes to re-enter hole with 6-1/4" bit and drill open hole to 3800'. If 7" is at surface will test. If it is okay will set a packer at approximately 3450' and inject into open hole interval 3527-3800'. If not will run 5-1/2" liner from surface to approximately 3500' and circulate cement to surface. Will inject with packer at approximately 3400' into open hole interval 3527-3800'.

- IV. This is not an expansion of an existing project.
- V. Attachment "A".
- VI. Attachment "B".
- VII. 1. Proposed average injection rate will be 500 BWPD.
Maximum 1500 BWPD.
2. Closed system.
3. Average injection pressure = 350#
Maximum injection pressure = 705#
4. Produced water sample analysis attached (attachment "C").
5. Chemical analysis attached (attachment "C").

Application for Authorization to Inject
Meyers Federal A #5
Page 2

- VIII. 1. The proposed injection interval is the portion of the 7-Rivers consisting of porous and fractured dolomite and sand.
2. Fresh water zones overlie the proposed injection zone at approximately 150-300'.
- IX. The proposed injection interval may be acidized with 15% HCL acid.
- X. No electric logs are available for this well.
- XI. Fresh water analysis from fresh water well (Unit H, Sec 22, T24S, R36E) attached (attachment "D").
- XII. Geological and engineering data have been examined and no evidence of open faults or any other hydrological connection between the injection zone and any fresh water aquifer has been found.
- XIII. Certified letters to offset operators and surface owners (attachment "E").
- Legal advertisement is attached (attachment "F").

Meyers Fed A 5
Stanolind

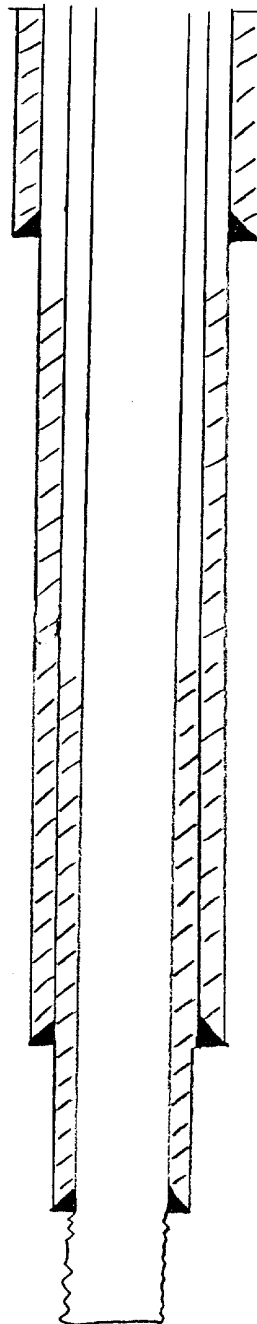
160' FNL + 1980' FEL
Sec 22, 24S-36E

"Current"

13" @ 238'
150 ~~sq~~ TOC 361'
1 7/4" hole (assumed)
(calc 1.32 ft³/sq
.75 eff)

9 5/8" @ 3086'
775 ~~sq~~ 12" hole
(assumed) TOC 361'
(calc 1.32 ft³/sq
.75 eff)

7" @ 3527'
150 ~~sq~~ 8 5/8" hole
(assumed) TOC 2200'
(calc 1.32 ft³/sq
.75 eff)



TD 3575'

Meyers Fed F "5
Stanolind

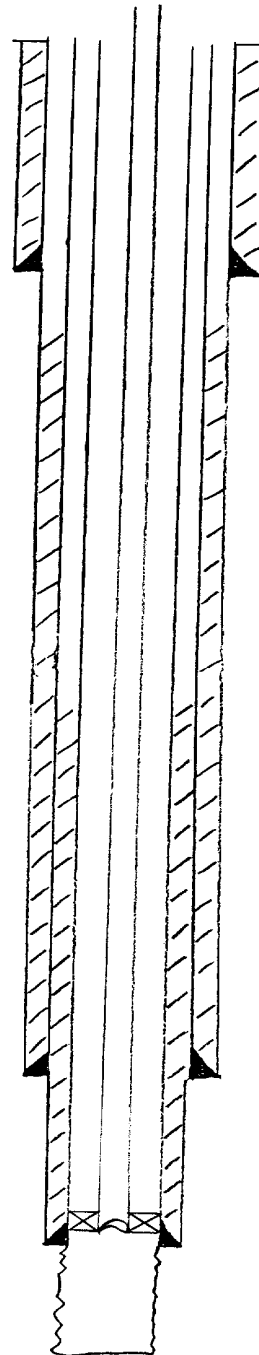
360' FNL + 1980' FEL
Sec 22, 245-36E

"Proposed"

13" @ 238'
150 ~~sq~~ TOC surf
1 7/4" hole (assumed)
(calc 1.32 ft³/sq
.75 eff)

9 5/8" @ 3086'
775 ~~sq~~ 12" hole
(assumed) TOC 361'
(calc 1.32 ft³/sq
.75 eff)

7" @ 3527'
150 ~~sq~~ 8 5/8" hole
(assumed) TOC 2200'
(calc 1.32 ft³/sq
.75 eff)



Propose to set
7" AD-1 pbr
@ 3450' on 2 7/8" PC
thg. OH interval
3527' - 3800'

TD 3800'

Meyers Fed F #5
Stanford

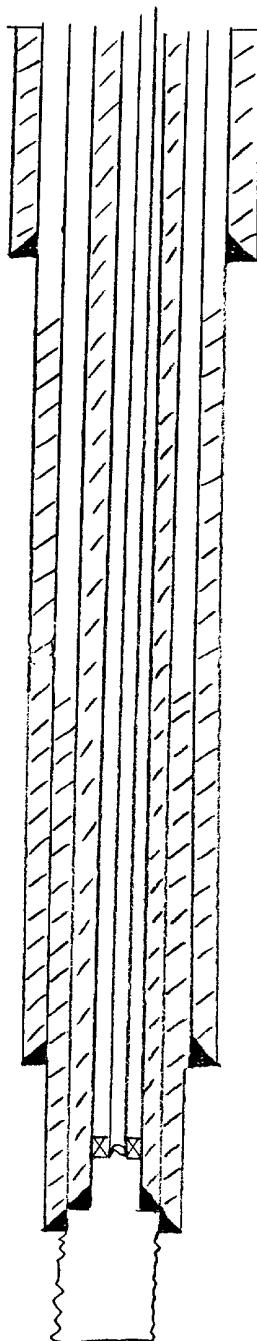
360' FNL + 1980' FEL
Sec 22, 245 - 36E

"Proposed Alternative"

13" @ 238'
150 ~~sq~~ TOC surf
1 7/4" hole (assumed)
(calc 1.32 ft³/sq
.75 eff)

9 5/8" @ 3086'
775 ~~sq~~ 12" hole
(assumed) TOC 361'
(calc 1.32 ft³/sq
.75 eff)

7" @ 3527'
150 ~~sq~~ 8 5/8" hole
(assumed) TOC 2200'
(calc 1.32 ft³/sq
.75 eff)



Propose to set a
5 1/2" liner from surf
to 3500' w/ cmt, circ
to surf.

5 1/2" AD-1 per set
@ 3400' on 2 7/8"
PC plug.
OH interval
3527' - 3800'.

TD 3800'

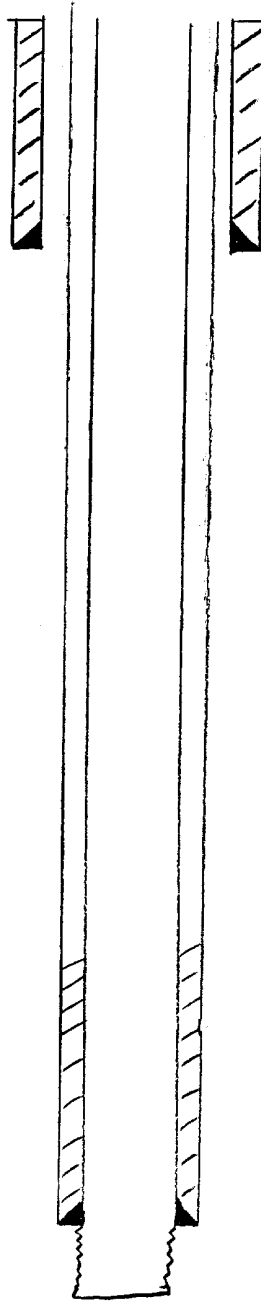
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WELL NAME	OPERATOR	TYPE	SPUD	COMP.	ID	DIAGRAM	ZONE	PERFS	CASING	COMPLETION	TOO/METHOD
Meyers 1-C 1980 FNL & FWL 22-24S-36E	Metrose (SDX)	P&A	6/15/48	7/21/48	3514'	Need	7 Rivers	OH 3402-3514	13-3/8" @ 300' w/300 ex 7" @ 3402' w/350 ex	Natural	13-3/8" @ surf/calc. 7" @ 2150' Calc. 75 eff Assum 10" hole (1.32)
Meyers 2-C 660' FNL 1980' FWL 22-24S-36E	Burlington (Meridian)	SWD	9/5/60	9/27/60	3510'	Need	7 Rivers	OH 3476-3510	9-5/8" 36# @ 305' w/250 ex 7" 20-23# @ 3476' w/550 ex C	A: 2500 gal.	9-5/8" @ Surf/Calc. Assum 12-1/4" hole 7" @ 1370' reported
Meyers Federal #3 1980' FSL & FWL 22-24S-36E	Magnolia (SDX)	P&A	10/28/34	11/22/34	3515'	Need	Yates/7 Rivers	OH 3473-3515	15" @ 282' w/225 ex 9-5/8" @ 1394' w/275 ex 7" @ 3470'. Pulled 1324'.	Cent plug @ 3300-3500' 25 ex plug @ 1324' 40 ex surf plug	15" @ surf/calc. 9-5/8" @ 525' calc. 7" 175 ex @ 1167' calc. 7" 350 ex @ 2320' calc.
Meyers B Federal #1 2310' FSL 1250' FEL 22-24S-36E	SDX	Oil	10/10/95	12/5/95	3724'	No	Yates	3440-3552 CIBP 3400 3207-3326	8-5/8" 24# @ 460' w/350 ex 5-1/2" 14# @ 3700' w/1300 ex	A: 3500 gal SWF: 17000 gal w/ 77000# 1220' ed	surf/circ surf/circ
AH Meyers Federal A #1 2310 FNL 330' FEL 22-24S-36E	Stanolind (SDX)	P&A 1940	6/1/34	8/14/34	3514' PBTD 3409'	Ok	7 Rivers	OH 3465-3514 PF3436-55 3404-3366	20" 90# @ 180' w/0 ex 16" 70# @ 240' w/175 ex 9-5/8" 40# @ 2985' w/225 ex 7" 24# @ 3472' w/150 ex	40 ex to 3050', 7" cut @ 2040', 10 ex @ 2040', 9-5/8" cut @ 450', 10 ex @ 450', 10 ex @ surface	20" pulled? 16" surf/calc 9-5/8" @ 2233' calc w/12-1/4" hole 7" 2040' /assum .75 eff
AH Meyers Federal A #2 660' FNL 660' FEL 22-24S-36E	Stanolind (SDX)	P&A	10/3/34	11/16/34	3515'	Ok	Yates/7 Rivers	OH 3484-3515	12-1/2" @ 244' w/210 ex 9-5/8" @ 1527' w/450 ex 7" @ 3484' w/175 ex	25 ex plug 3436-3336 7" cut @ 2294' w/20 ex in top. 20 ex @ 1527'. 9-5/8" cut @ 397'. Surf plug in 12-1/4'.	12-1/2" @ surf/calc 9-5/8" @ 397' /assumed 7" @ 2294' /assumed
AH Meyers Federal A #3 1980' FNL & FEL 22-24S-36E	Stanolind (SDX)	P&A 1947	11/13/34	12/27/34	3558'	Ok	Yates/7 Rivers	OH 3491-3558	13-3/8" @ 239' w/145 ex 9-5/8" @ 3096' w/778 ex 7" @ 3491' w/150 ex	25 ex @ 3474-3430' Cut 7" @ 2465'. 20 ex @ 2465' 9-5/8" cut @ 255'. 20 ex @ 255'. 10' surf plug.	13-3/8" @ surf/calc 9-5/8" @ 255' /assumed 7" @ 2465' /assumed
AH Meyers Federal A #5 660' FNL 1980' FEL 22-24S-36E	Stanolind (SDX)	P&A	12/17/34	1/18/35	3575'	Ok	Yates/7 Rivers	OH 3527-3575	13-3/8" 50# @ 240' w/150 ex 9-5/8" 40# @ 3100' w/775 ex 7" 24# @ 3527' w/150 ex	NOT REPORTED	13-3/8" @ surf/calc 9-5/8" @ 361' calc 7" @ 2200' calc
Meyers Federal #6 330' FNL 330' FEL 22-24S-36E	SDX	Oil	9/13/96	10/22/96	3515'	No	7 Rivers	OH 3470-3515	8-5/8" @ 393' w/350 ex 5-1/2" @ 3470' w/400 ex Lite + 250 ex C	A: 500 gal 15%	8-5/8" surf/circ 5-1/2" surf/circ
Meyers Federal #7 1400' FNL 1650' FEL 22-24S-36E	SDX	Oil	6/14/96	8/11/96	3500'	No	Yates	3234-3418	8-5/8" @ 430' w/325 ex C 5-1/2" @ 3516' w/350 ex Lite + 250 ex C	A: 3000 gal 15 MSE F: 40000 gal Bonite + 92940# 1220' ed	8-5/8" surf/1" 5-1/2" surf/calc
Meyers #1 1650' FNL 330' FEL 22-24S-36E	SDX (Stanolind/ Thompson Conc)	Gas	11/13/53	3/1/54	3504' PBTD 3380'	No	Yates	3250-3360 3390-3491 (7R) sqz 7R w/100 ex	8-5/8" @ 286' w/200 ex 5-1/2" @ 3454' w/150 ex	A: 1000 gal F: 5000 gal	8-5/8" surf/calc 5-1/2" @ 2597' calc
Vaughn A 15 #1 660' FSL 1980' FEL 15-24S-36E	Tenison	Oil	5/13/36	7/10/36	3609'	No	7 Rivers	OH 3490-3609	10-3/4" 40-172# @ 252' w/200 ex 7-5/8" 26# @ 1636' w/400 ex 5-1/2" 17# @ 3490' w/400 ex	A: @ 3552' w/2000 gal A: @ 3609' w/1500 gal	10-3/4" @ surf/calc 7-5/8" @ surf/calc 5-1/2" @ surf/calc
Vaughn A 15 #2 1980' FSL & FEL 15-24S-36E	Tenison	Oil	7/23/36	8/31/36	3610'	No	7 Rivers	OH 3591-3610	13" 50# @ 263' w/200 ex 8-5/8" 32# @ 1645' w/650 ex 5-1/2" 17# @ 3591' w/400 ex	Natural	13" @ surf/calc 8-5/8" @ 86' assume 12-1/4" hole 5-1/2" @ 1305' calc
Vaughn A #1 660' FSL & FEL 15-24S-36E	Tenison	P&A	1/2/35	2/26/35	3565' PBTD 3520'	Need	Yates/7 Rivers	OH 3488-3520 PF3180-3400	10-3/4" 40# @ 257' w/150 ex 7-5/8" 26# @ 1686' w/500 ex 5-1/2" 17# 3488' w/400 ex	cut @ 3450' sqz 50 ex, cut plug 3175-3450, cut 5-1/2" @ 2292', cut in top of 5-1/2", cut plug @ 7" shoe 1681', cut @ top of 7-5/8". Filled annulus of 7-5/8" & 10-3/4" w/cut	10-3/4" @ surf/calc 7-5/8" @ surf/calc 5-1/2" @ 2292' /assumed
Gates #1 660' FNL & FWL 22-24S-36E	Tenison	Gas	Re-enter 6/1/64	Re-compl 6/5/64	3514' PBTD 3270'	No	Yates	3055-3264	10-3/4" @ 250' w/300 ex 7-5/8" @ 1846' w/93 ex 5-1/2" @ 3450' w/400 ex	A: 500 gal F: 37000 gal + 40000# rd	10-3/4" @ surf/calc. 7-5/8" @ 1442' calc. 5-1/2" @ surf/calc.

Meyers C#1
Melrose (SDX)

1980' FNZ + FWZ
Sec 22, 24S-36E

13 5/8" @ 300'
300 SW TOC SWB



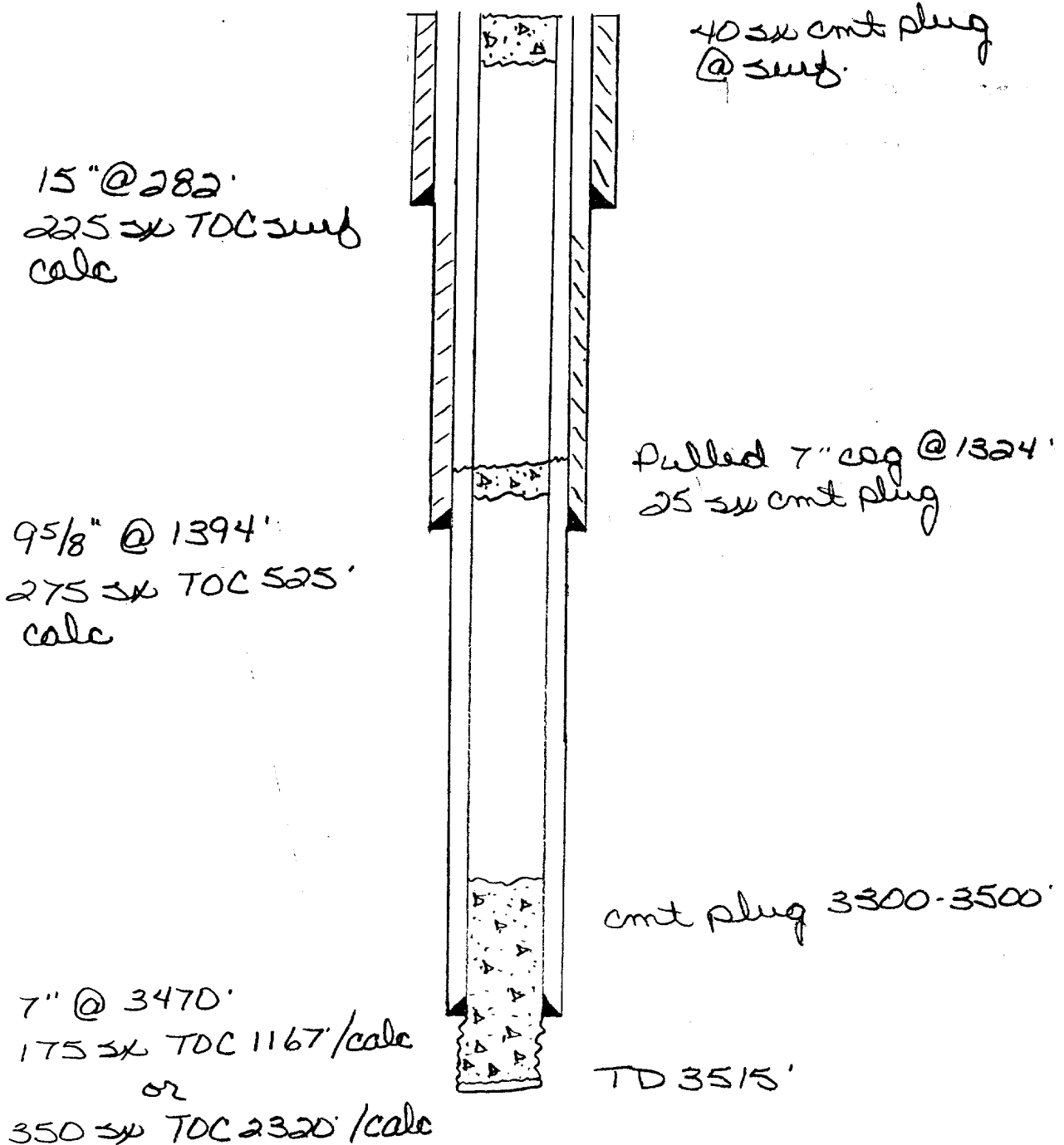
Current condition
unknown. Well
is P&A. No
reports on file.

7" @ 3402'
350 SW TOC 2156'

TD 3514'

Meyers Federal #3
Magnolia (SDX)

1980' FSL + FEL
Sec 22, 24S-36E



Meyers Fed A#1
Standsind O+H

2310' FNL + 330' FEL
Sec 22, 24S-36E

20" 90# @ 182'
no cmt.
no mention of 20" csg
on P.A. rpt.

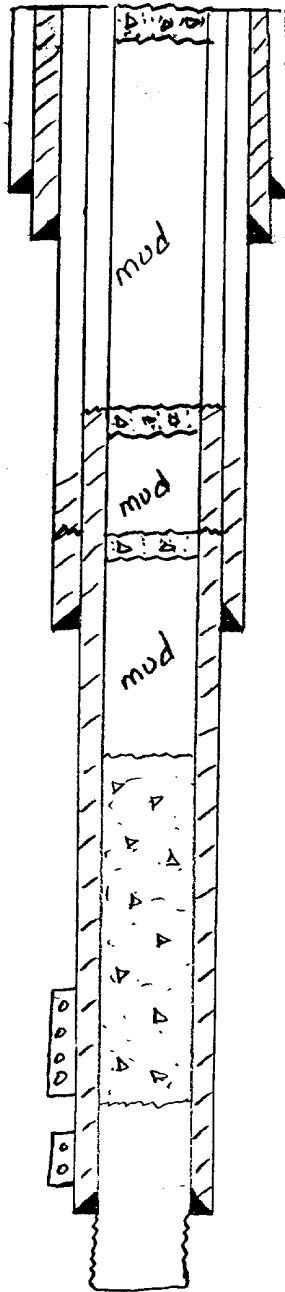
16" 70# @ 240'
175 syx TOC surf
calc

9 5/8" 40# @ 2985'
225 syx TOC 2233'
calc w/ 1/4" hole

PF: 3366-3404'

PF: 3436-55' (20)

7" 24# @ 3472'
150 syx TDC 2040'
assum. . 75 syx.



10 syx cmt plug
@ surf.

7" cut off @ 2040'
10 syx plug @ 2040'
in 7" csg.

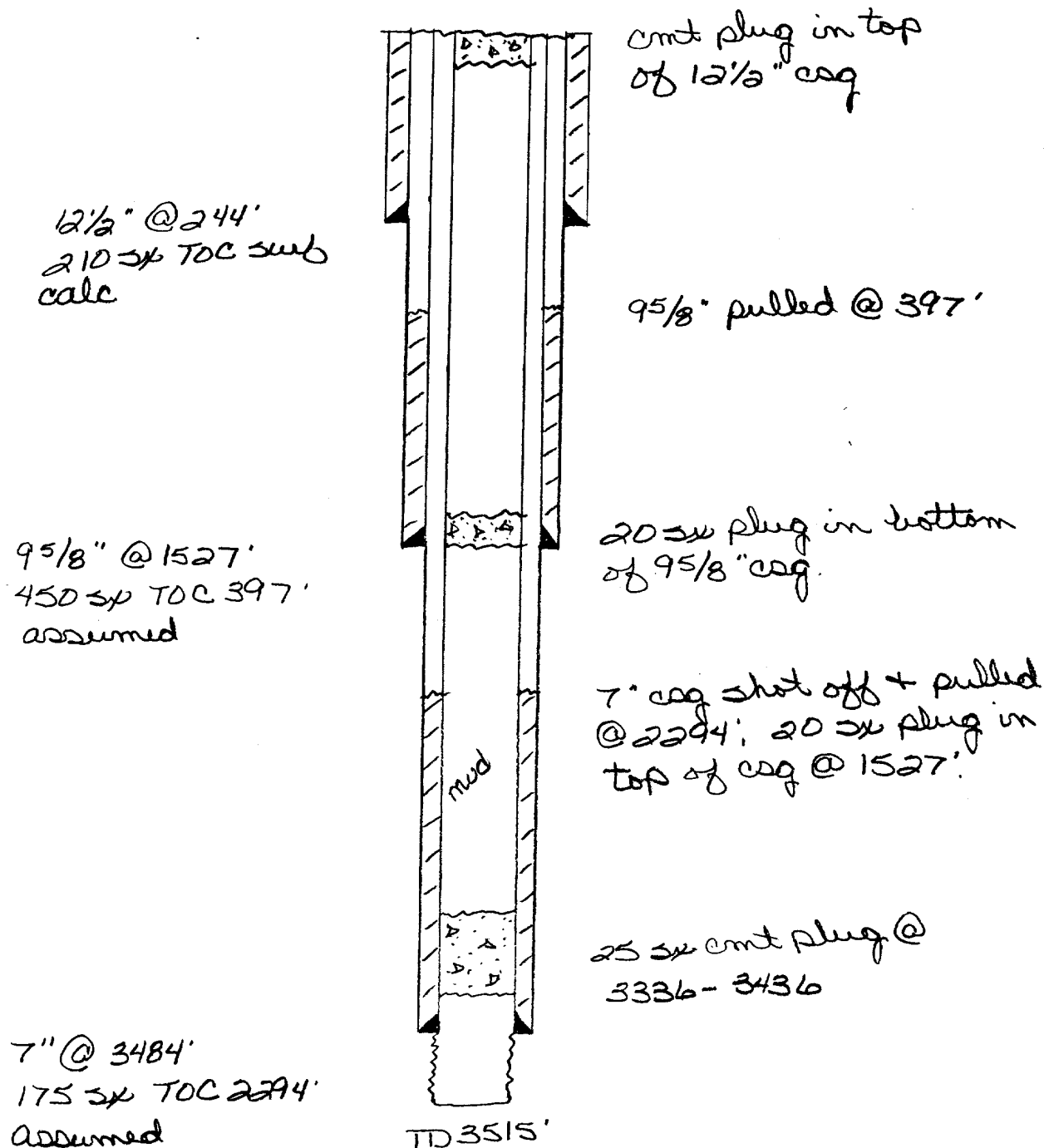
9 5/8" cut off @ 2535'
10 syx plug @ 2535'
in 9 5/8" csg.

40 syx cmt plug @ 3050'

TD 3514'
* PBTD 3409'
* No info on PB

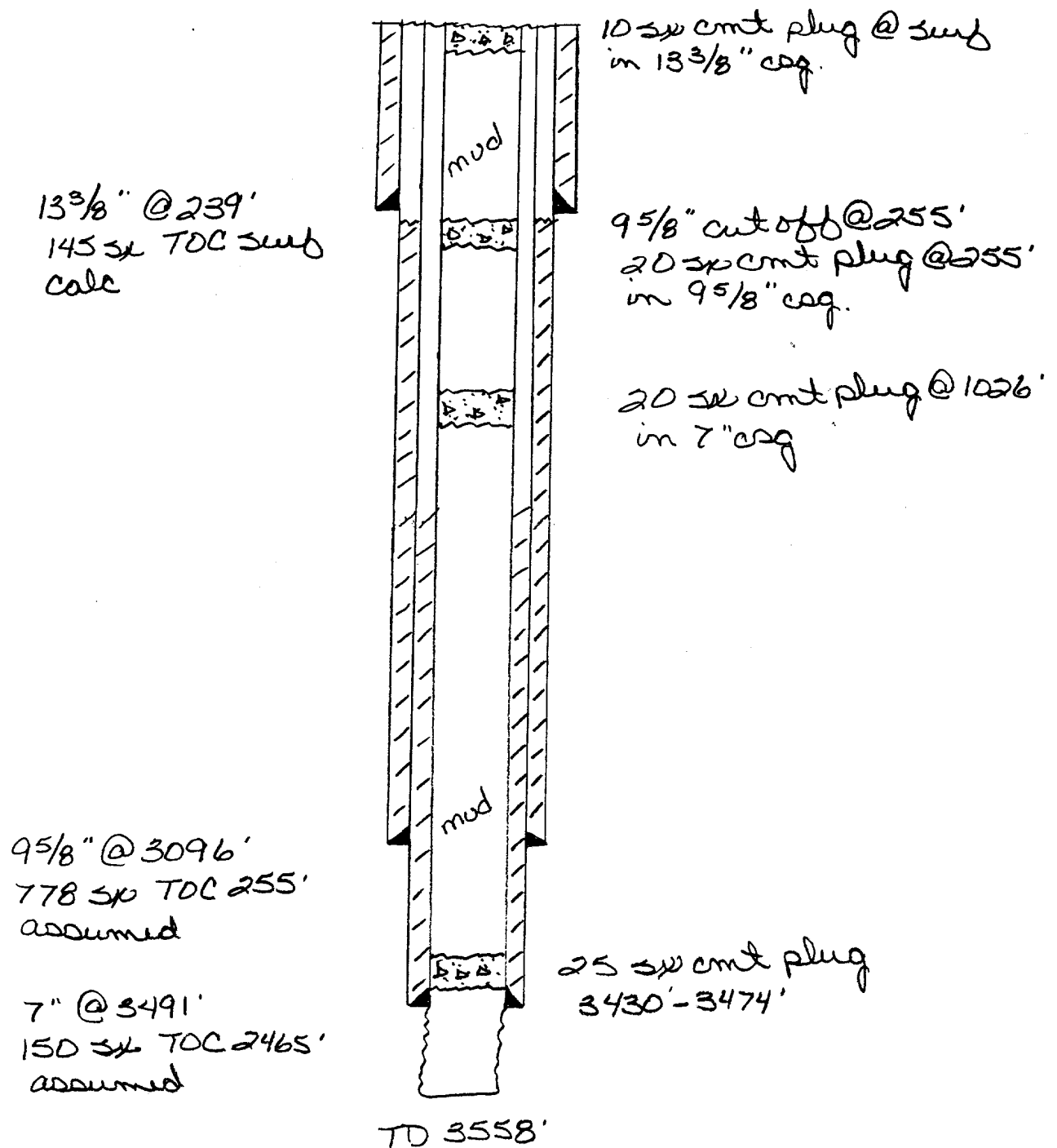
Meyers Fed A #2
Stanolind

660' FNL + FEL
Sec 22, 243-36E



Meyers Fed #3
Stanaland

1980' FNL & FEL
Sec 22, 245-36E



Vaughn A#1
Jenison

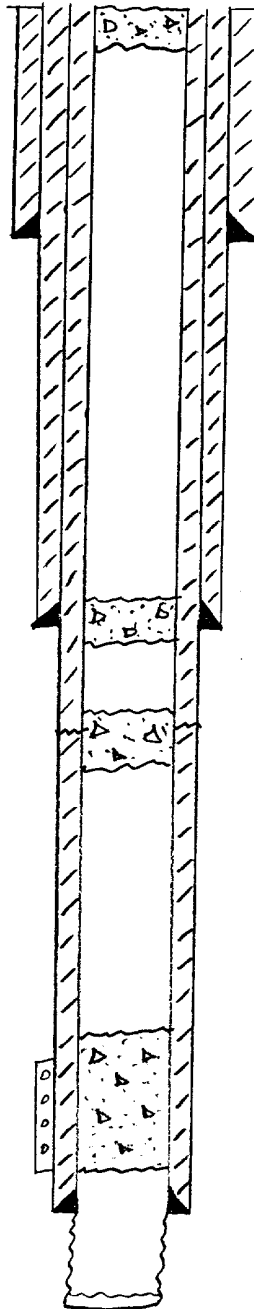
660' FSL & FEL
Sec 15, 243-36E

10³/₄" 40# @ 257'
150 sy TOC surf
calc

7⁵/₈" 26# @ 1686'
500 sy TOC surf
calc

PF: 3180-3400'

5¹/₂" 17# @ 3488'
400 sy TOC 2292'
assumed



Cmt plug @ 7' shoe
@ 1681'. Cmt on top
of 7⁵/₈".
Filled annulus of
7⁵/₈" & 10³/₄" w/cmt.

Cut 5¹/₂" @ 2292'.
Cmt on top of 5¹/₂"

Cmt plug 3175-3450'
50 sy

TD 3565'
PBTD 3520'

Unichem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : SDX
 Date : 12-13-1996
 Location: Meyer # Fed - Well #46 (on 12-12-96)

Specific Gravity: Sample 1
 Total Dissolved Solids: 1.009
 pH: 12809
 IONIC STRENGTH: 6.65
 0.254

=====

CATIONS:		me/liter	mg/liter	#6	#7	B-1
Calcium	(Ca+2)	28.8	576			
Magnesium	(Mg+2)	27.6	335			
Sodium	(Na+1)	153	3510			
Iron (total)	(Fe+2)	0.005	0.150			
ANIONS:						
Bicarbonate	(HCO3-1)	22.3	1360			
Carbonate	(CO3-2)	0	0			
Hydroxide	(OH-1)	0	0			
Sulfate	(SO4-2)	31.8	1530			
Chloride	(Cl-1)	155	5500		32000	9000
DISSOLVED GASES						
Carbon Dioxide	(CO2)		70.0			
Hydrogen Sulfide	(H2S)		340			

=====

SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86[F]	30[C]	0.30	-17
104[F]	40[C]	0.94	-17
122[F]	50[C]	1.2	-17
140[F]	60[C]	1.6	-17
168[F]	76[C]	2.1	-5.8
176[F]	80[C]	2.3	-5.8

Comments:
 c: Isaac Huskey
 Joe Hay

Unichem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : SDX
 Date : 12-13-1996
 Location: Meyer B Fed - Well #1 (on 12-12-96)

Specific Gravity:	Sample 1
Total Dissolved Solids:	1.019
pH:	26541
IONIC STRENGTH:	7.35
	0.603

~~~~~

| CATIONS:     |        | me/liter | mg/liter |
|--------------|--------|----------|----------|
| Calcium      | (Ca+2) | 28.0     | 560      |
| Magnesium    | (Mg+2) | 142      | 1730     |
| Sodium       | (Na+1) | 267      | 6140     |
| Iron (total) | (Fe+2) | 0.029    | 0.800    |

| ANIONS:     |          |      |      |
|-------------|----------|------|------|
| Bicarbonate | (HCO3-1) | 24.0 | 1460 |
| Carbonate   | (CO3-2)  | 0    | 0    |
| Hydroxide   | (OH-1)   | 0    | 0    |
| Sulfate     | (SO4-2)  | 159  | 7650 |
| Chloride    | (Cl-1)   | 254  | 9000 |

| DISSOLVED GASES  |       |     |
|------------------|-------|-----|
| Carbon Dioxide   | (CO2) | 0   |
| Hydrogen Sulfide | (H2S) | 187 |

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SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86[F]	30[C]	0.67	-1.9
104[F]	40[C]	1.3	-1.9
122[F]	50[C]	1.6	-1.9
140[F]	60[C]	1.9	-1.9
168[F]	76[C]	2.5	0.43
176[F]	80[C]	2.7	0.43

Comments:
 c: Isaac Huskey
 Joe Hay

Unichem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : SDX
 Date : 12-13-1996
 Location: Meyer B Fed - Well #7 (on 12-12-96)

Specific Gravity:
 Total Dissolved Solids:
 pH:
 IONIC STRENGTH:

Sample 1
 1.045
 62644
 7.45
 1.347

~~~~~

| CATIONS:     |        | me/liter | mg/liter |
|--------------|--------|----------|----------|
| Calcium      | (Ca+2) | 80.0     | 1600     |
| Magnesium    | (Mg+2) | 276      | 3350     |
| Sodium       | (Na+1) | 728      | 16700    |
| Iron (total) | (Fe+2) | 0.054    | 1.50     |

| ANIONS:     |          | me/liter | mg/liter |
|-------------|----------|----------|----------|
| Bicarbonate | (HCO3-1) | 16.3     | 994      |
| Carbonate   | (CO3-2)  | 0        | 0        |
| Hydroxide   | (OH-1)   | 0        | 0        |
| Sulfate     | (SO4-2)  | 166      | 7950     |
| Chloride    | (Cl-1)   | 903      | 32000    |

DISSOLVED GASES

|                  |       |      |
|------------------|-------|------|
| Carbon Dioxide   | (CO2) | 0    |
| Hydrogen Sulfide | (H2S) | 42.5 |

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SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86[F]	30[C]	0.96	19
104[F]	40[C]	1.6	19
122[F]	50[C]	1.9	19
140[F]	60[C]	2.2	19
168[F]	76[C]	2.8	23
176[F]	80[C]	3.0	23

Comments:
 c: Isaac Huskey
 Joe Hay

I

UNICHEM

Unichem International

707 North Leech

P.O. Box 1499

Hobbs, New Mexico 88240

Company : SDX
Date : 12-20-1996
Location: Myers "B" - Water Well (on 12-20-96)

Specific Gravity:	Sample 1 1.002
Total Dissolved Solids:	3136
pH:	7.15
IONIC STRENGTH:	0.056

[illegible]

CATIONS:		me/liter	mg/liter
Calcium	(Ca+2)	2.40	48.0
Magnesium	(Mg+2)	3.20	38.9
Sodium	(Na+1)	46.2	1060
Iron (total)	(Fe+2)	0.021	0.600

ANIONS:			
Bicarbonate	(HCO ₃ -1)	5.00	305
Carbonate	(CO ₃ -2)	0	0
Hydroxide	(OH-1)	0	0
Sulfate	(SO ₄ -2)	1.69	81.3
Chloride	(Cl-1)	45.1	1600

DISSOLVED GASES		
Carbon Dioxide	(CO2)	0.500
Hydrogen Sulfide	(H2S)	0

[illegible]

SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86[F	30[C	-0.37	-18
104[F	40[C	0.27	-18
122[F	50[C	0.56	-18
140[F	60[C	0.89	-18
168[F	76[C	1.5	-18
176[F	80[C	1.6	-18

Comments:
cc: Isaac Huskey
Joe Hay

I

ATTACHMENT "D"

OFFSET OPERATORS

Tenison Oil
8140 Walnut Ln, Ste 601
Dallas TX 75231

Sidney Lanier
PO Box 755
Hobbs NM 88241

Phillips Petroleum Corp.
4001 Penbrook St
Odessa TX 79760

MNA Enterprises LTD., Co.
PO Box 843
Hobbs NM 88241

Woolworth Trust (Surface Owner)
PO Box 178
Jal NM 88252

Meridian (Burlington Northern)
3300 North "A" St.
Midland TX 79705

SDX RESOURCES, INC.

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

December 30, 1996

Re: Application for Authority to Inject
Section 22, T24S, R36E
Lea Co., New Mexico

Gentlemen:

Enclosed is a copy of Form C-108 (Application for Authority to Inject) for the following well operated by SDX Resources, Inc.

Meyers Federal A #5
660' FNL 1980' FEL
Sec. 22, T24S, R36E

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.

Sincerely,



Chuck Morgan
Engineer

bja

enclosures

ATTACHMENT "E"



AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs Daily News-Sun, a
daily newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a
week in the regular and entire
issue of said paper, and not a
supplement thereof for a period

of 1

weeks.

Beginning with the issue dated

December 15, 1996
and ending with the issue dated

December 15, 1996

Kathi Bearden

Publisher

Sworn and subscribed to before

me this 16th day of

December, 1996

Sandra Carroll

Notary Public.

My Commission expires
August 29, 1999
(Seal)

LEGAL NOTICE
December 15, 1996
NOTICE OF APPLICATION
FOR FLUID INJECTION
WELL PERMIT

SDX Resources, Inc. located
at 511 W. Ohio, Ste 601, Mid-
land TX 79701, mailing ad-
dress PO Box 5061, Midland
TX 79704, Contact: Chuck
Morgan 915-685-1761 is
seeking administrative appro-
val from the New Mexico Oil
Conservation Division to com-
plete the following well locat-
ed in Section 22, 124S,
R26E, Lea Co., New Mexico
as an Injection well: Mayors
Federal A #5. The proposed
injection zone is the 7-livers
through an open hole from
3527-3575'. SDX Resources,
Inc. intends to inject a maxi-
mum of 1500 barrels of pro-
duced formation water per
day at a maximum injection
pressure of 705 psi.
Interested parties must file
objections or request for hear-
ing with the Oil Conservation
Division, 2040 S. Pacheco,
Santa Fe, NM 87505 within
15 days of this notice.
#14953

This newspaper is duly qualified
to publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for
said publication has been made.

01101300000 01504688
SDX Resources
P.O. Box 5061
a/c 434005
Hobbs, NM 88240

