

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986

RECEIVED
JAN 15 PM 9 16
DIVISION



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

January 3, 1991

N. M. Energy & Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

ATTN: David Catanach

RE: Mimosa AHS Fed #1
1980 FSL & 810 FEL
Sec 4-T20S-24E
Eddy County, NM

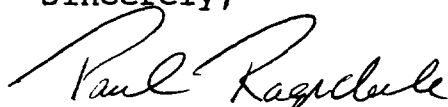
408

Gentlemen:

Yates Petroleum respectfully requests that the letter of December 10, 1990 be withdrawn and that the authorization to inject be approved as originally submitted. The Morrow formation will be squeezed, drilled out and pressure tested. Please remove Case 10204 from the docket for the scheduled hearing of Thursday, January 11th.

We appreciate your cooperation in this matter.

Sincerely,


Paul Ragsdale

xc: NMOCD - Artesia

NOV 9 AM 8 40

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no
- II. Operator: Yates Petroleum Corporation
Address: 105 S. 4th Str. Artesia, NM 88210
Contact party: Paul Ragsdale Phone: (505)748-1471
- 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: Paul Ragsdale Title: Petroleum Engineer
Signature: Paul Ragsdale Date: 10-30-90
- * 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.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

C-108
Application For Authorization To Inject
Yates Petroleum Corporation
Mimosa "AHS" Federal #1
I 4-20S-24E
Eddy County, New Mexico

- I. The purpose of drilling this well is to make a disposal well for Dagger Draw Upper Pennsylvanian waters (re-injected produced waters) into the Mississippian, Devonian, and Ellenberger formations.

Yates Petroleum plans to make this well a disposal well in the Mississippian, Devonian, and Ellenberger formations.

- II. Operator: Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210
Paul Ragsdale (505) 748-1471

- III. Well Data: See Attachment A

- IV. This is not an expansion of an existing project.

- V. See attached map, Attachment B

- VI. There are no wells within the one-half mile radius of the Mimosa AHS Federal #1 which penetrate the Mississippian/Devonian.

- VII. 1. Proposed average daily injection volume approxi-
8,000 BWPD.
Maximum daily injection volume approximately
10,000 BWPD.
2. This will be a closed system.
3. Proposed average injection pressure-1500 psi.
Proposed maximum injection pressure--2200 psi.
4. Sources of injected water would be produced water from the Dagger Draw-Upper Pennsylvanian. (See Attachment C.)
5. See Attachment D.
- VIII. 1. The proposed injection interval is the portion of the Mississippian, Devonian, and Ellenberger formations consisting of porous sands and dolomites from estimated depths of 9,515' to 11,150'.

Application for Authorization to Inject
Mimosa AHS Federal #1

-2-

2. Fresh water zones overlies the proposed injection formations at depths to approximately 1100 feet.
- IX. The proposed disposal interval will be acidized with 30,000 gallons of 15% HCL acid.
- X. Logs will be furnished when the Mimosa AHS Federal #1 well is completed.
- XI. Two fresh water wells exist within the one mile radius of the subject location. They are located in the NW corner of section 3-20S-24E.

The location of these wells is indicated on the map in Attachment E. Water analyses are also attached. (Attachment F)
- XII. Yates Petroleum Corporation has examined geologic and engineering data and has found that there is no evidence of faulting in the proposed interval.
- XIII. Proof of Notice
 - A. Certified letters sent to the surface owner and offset operators-attached. (Attachment G)
 - B. Copy of legal advertisement attached. (Attachment H)
- XIV. Certification is signed.

Yates Petroleum Corporation
Mimosa "AHS" Federal #1
I 4-20S-24E

Attachment A
Page 1

III. Well Data

- A. 1. Lease Name/Location:
Mimosa "AHS" Federal #1
I 4-20S-24E
1980' FSL & 810' FEL
2. Casing Strings:
a. Present Well Condition
9-5/8" 36# j-55 @ 1305' with 1100 sacks
7" 23# casing @ 11,150' and cement
circulated to surface.

TD: 11,150'
3. Tubing:
Propose to use 2-7/8" 6.5# J-55 plastic-coated
tubing set at 9450'.
4. Packer:
Propose to use Guiberson Uni VI or Baker
plastic-coated or nickel-plated packer set at
9450'.
- B. 1. Injection Formation:
a. Mississippian Limestone @ 9210'
b. Devonian Dolomite @ 9814'
c. Montoya Dolomite @ 10241'
d. Ellenberger Dolomite @ 10601'
e. Bliss Sand @ 11007'
2. Injection Interval will be through perfora-
tions from approximately 9,515-11,150'.
3. Well was originally drilled as an exploratory
gas well, but after testing, decision made for
salt water disposal well.
4. Perforations: 9515-11150'
5. Next higher (shallower) oil or gas zone within
1/2 mile--NONE: within 2 miles--Canyon.
Next lower (deeper) oil or gas zone within 1/2
mile--NONE: within 2 miles--none.

YATES PETROLEUM**MIMOSA "AHS" FEDERAL #1****SEC. 4 - T20S - R24E****1980' FSL & 810' FEL****EDDY COUNTY, NEW MEXICO****SPUD : 8 - 28 - 90****PROPOSED SALT WATER DISPOSAL WELL**

SAN ANDRES 343'

9 5/8" @ 1305' W/1100 SX (CIRC)

GLORIETA 1734'

YESO 1850'

SQUEEZE HOLES AT 3850'
CEMENTED W/ 635 SX
CIRCULATED 70 SX TO SURFACE

ABO 3996'

STAGE III -975 SX

WOLFCAMP 5236'

DV TOOL @ 5279'

STAGE II -1700' SX

CANYON 7424'

STRAWN 8079'

ATOKA 8617'

DV TOOL @ 9307'

MORROW 8981'

2 7/8" PLASTIC - COATED TUBING
& PACKER @ 9450'

MISSISSIPPIAN 9200'

WOODFORD 9657'

PERFS: 9515' TO 11,150'

SILURIAN/DEVONIAN 9680'

MONTOKA 10,127'

STAGE I -450 SX

ELLENBERGER 10,459'

BLISS SAND 10,979'

GRANITE 11,043'

TD 11,150

7"; 23#, 26#, & 29# SET AT 11,150'

PLAN TO RUN APPROXIMATELY 11,150' OF 7" 23# CASING, CIRCULATING CEMENT BACK TO SURFACE. WILL COMPLETE FOR SALT WATER DISPOSAL WITH 2 - 7/8" 6.5# J - 55 PLASTIC - COATED TUBING AND GUIBERSON VI OR BAKER PLASTIC - COATED OR NICKEL - PLATED PACKER SET @ APPROXIMATELY 9450' WITH AN INERT FLUID WITH INHIBITORS IN THE ANNULUS. PROPOSED TO INJECT DAGGER DRAW - UPPER PENNSYLVANIAN PRODUCED WATERS THROUGH MISS/DEVONIAN, MONTOKA,

YATES PETROLEUM CORPORATION

MIMOSA "AHS" FEDERAL #1

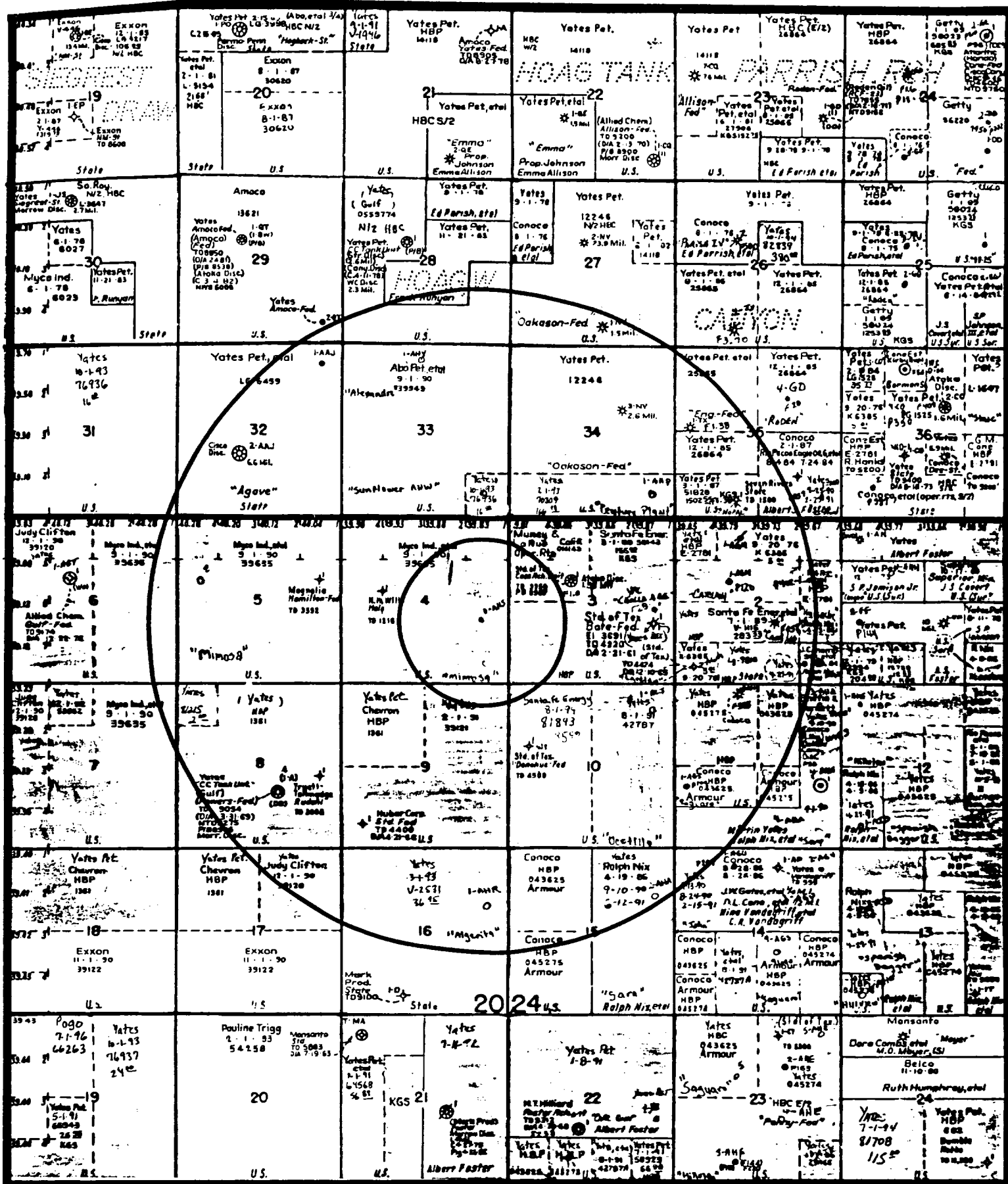
PROPOSED SALT WATER DISPOSAL WELL

SEC. 4 - 20S - 24E

1980' FSL & 810' FEL

EDDY COUNTY, NEW MEXICO

ATTACHMENT B



HALLIBURTON DIVISION LABORATORY
 HALLIBURTON SERVICES
 MIDLAND DIVISION
 ARTESIA, NEW MEXICO 88210
 LABORATORY WATER ANALYSIS

No. W65, W66, & W67-88To Yates Petroleum Corporation

Date _____

105 South Fourth StreetArtesia, NM 88210

This report is the property of Halliburton Company 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 persons and employees thereof receiving such report from Halliburton Company.

Submitted by _____ Date Rec. _____

Well No. _____ Depth _____ Formation _____

County _____ Field _____ Source _____

	<u>Ross EC Fed. #2</u>	<u>Poster AN Com. #1</u>	<u>Parish IV Comm.</u>
Resistivity91 @ 60°	.9 @ 60°	.89 @ 60°
Specific Gravity	1.005 @ 60°	1.005 @ 60°	1.005 @ 60°
pH	7.5	7.3	7.0
Calcium (Ca)	1,000	1,000	1,000 *MPL
Magnesium (Mg)	600	500	650
Chlorides (Cl)	4,000	5,000	5,000
Sulfates (SO ₄)	Heavy	Heavy	Heavy
Bicarbonates (HCO ₃)	1,200	1,000	1,100
Soluble Iron (Fe)	Nil	Nil	Nil
.....
.....
.....

Remarks:

*Milligrams per liter

Respectfully submitted,

Analyst: Art Carrasco - District Engineer

HALLIBURTON COMPANY

cc:

NOTICE

This report is limited to the described sample tested. Any user of this report agrees that Halliburton shall not be liable

HALLIBURTON SERVICES

ARTESIA DISTRICT

LABORATORY REPORT

No. W531-90TO Mr. Harvey AppleDate September 20, 1990Yates Petroleum Corporation105 South Fourth StreetArtesia, NM 88210

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 Danny PanzerDate Rec. September 20, 1990Well No. State D #1 Depth 10963' - 11052' Formation Bliss Sand

Field _____ County _____ Source _____

Resistivity 0.052Specific Gravity .. 1.1706pH 6.5Calcium 29,025Magnesium 392Chlorides 157,000Sulfates 700Bicarbonates 305Soluble Iron 500KCL5%

Remarks:


Respectfully submittedAnalyst: Eric Jacobson - Field 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.

WATER ANALYSIS REPORT
furnished by TRETOLITE CHEMICALS

C/p

COMPANY: YATES PET.
LEASE: LARUE WATER WELL
SAMPLE POINT: WELL
SAMPLE DATE: 10-9-90
SAMPLE TEMP.: N/A

pH: 7.5
H₂S: NO
SPECIFIC GRAVITY: 1.015

TITRATED AND CALCULATED IONS

	MILLIGRAMS PER LITER	MILLIEQUIVALENTS PER LITER
HCO ₃	280.60	4.60
Cl	256.00	7.21
SO ₄	200.00	4.17
Ca	528.00	26.40
Mg	65.61	5.38
Na	0.00	0.00

IONIC STRENGTH = 0.04
TOTAL HARDNESS = 1590.0 mg/ltr.
TOTAL DISSOLVED SOLIDS = 1056.6 mg/ltr.

PROBABLE MINERAL COMPOSITION AND ION PAIRING

	MILLIEQUIVALENTS PER LITER	MILLIGRAMS PER LITER
Ca(HCO ₃) ₂	4.60	372.78
CaSO ₄	4.17	283.63
CaCl ₂	7.21	400.23
Mg(HCO ₃) ₂	0.00	0.00
MgSO ₄	0.00	0.00
MgCl ₂	0.00	0.00
NaHCO ₃	0.00	0.00
Na ₂ SO ₄	0.00	0.00
NaCl	0.00	0.00

CALCULATED SCALING TENDENCIES

SCALING INDEX

CaCO₃ @ 80 DEG F. = 1.2
CaCO₃ @ 120 DEG F. = 1.5

SATURATION POINT

CaSO₄ @ 70 DEG F. = 1775.1 MG/LTR.
CaSO₄ @ 110 DEG F. = 1829.4 MG/LTR.

(THIS SAMPLE CONTAINED 283.6 MG/LTR. CaSO₄)

WATER ANALYSIS REPORT
furnished by TRETOLITE CHEMICALS

COMPANY: YATES PET.
LEASE: WINDMILL
SAMPLE POINT: OVERFLOW
SAMPLE DATE: 10-8-90
SAMPLE TEMP.: N/A

pH: 7.7
H2S: NO
SPECIFIC GRAVITY: 1

TITRATED AND CALCULATED IONS

	MILLIGRAMS PER LITER	MILLIEQUIVALENTS PER LITER
HCO3	329.40	5.40
Cl	213.00	6.00
SO4	1375.00	28.65
Ca	600.00	30.00
Mg	133.65	10.95
Na	0.00	0.00

IONIC STRENGTH = 0.08
TOTAL HARDNESS = 2050.0 mg/ltr.
TOTAL DISSOLVED SOLIDS = 2641.4 mg/ltr.

PROBABLE MINERAL COMPOSITION AND ION PAIRING

	MILLIEQUIVALENTS PER LITER	MILLIGRAMS PER LITER
Ca (HCO3)2	5.40	437.62
CaSO4	24.60	1674.52
CaCl2	0.00	0.00
Mg (HCO3)2	0.00	0.00
MgSO4	4.05	243.52
MgCl2	6.00	285.72
NaHCO3	0.00	0.00
Na2SO4	0.00	0.00
NaCl	0.00	0.00

CALCULATED SCALING TENDENCIES

SCALING INDEX

CaCO3 @ 80 DEG F. = 1.4
CaCO3 @ 120 DEG F. = 1.8

SATURATION POINT

CaSO4 @ 70 DEG F. = 2369.1 MG/LTR.
CaSO4 @ 110 DEG F. = 2425.9 MG/LTR.

(THIS SAMPLE CONTAINED 1674.5 MG/LTR. CaSO4)

Attachment G

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

S. P. YATES
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JOHN A. YATES
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PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

November 7, 1990

CERTIFIED RETURN RECEIPT

Santa Fe Energy
500 W. Illinois
Suite 500
Midland, TX 79702

Dear Sir:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates' Mimosa AHS Federal #1 located in Unit I of Section 4-T20S-R24E.

Should you have any questions, please feel free to contact me at (505) 748-1471.

Sincerely,


Paul Ragsdale
Petroleum Engineer

PR/sj

Enclosure

November 7, 1990

CERTIFIED RETURN RECEIPT

Randolph Richardson
P.O. Box 2423
Roswell, NM 88201

Dear Sir:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates' Mimosa AHS Federal #1 located in Unit I of Section 4-T20S-R24E.

Should you have any questions, please feel free to contact me at (505) 748-1471.

Sincerely,


Paul Ragsdale
Petroleum Engineer

PR/sj

Enclosure

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105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
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November 7, 1990

CERTIFIED RETURN RECEIPT

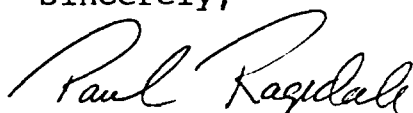
Chevron USA, Inc.
P. O. Box 1150
Midland, TX 79702

Dear Sir:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates' Mimosa AHS Federal #1 located in Unit I of Section 4-T20S-R24E.

Should you have any questions, please feel free to contact me at (505) 748-1471.

Sincerely,


Paul Ragsdale
Petroleum Engineer

PR/sj

Enclosure

Attachment H

Legal Notice

Yates Petroleum Corporation, 105 South Fourth Street, Artesia, NM 88210, has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for an injection well. The proposed well, the "Mimosa AHS Federal #1" located 1980' FSL & 810' FEL of Section 4, Township 20 South, Range 24 East of Eddy County, New Mexico, will be used for saltwater disposal only. Disposal waters from the Dagger Draw Upper Pennsylvanian will be re-injected into the Mississippian, Devonian, and Ellenberger formations at a depth of 9515-11,150 feet with a maximum pressure of 2200 psi and a maximum rate of 10,000 BWPD.

All interested parties opposing the aforementioned must file objections or requests for a hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, NM 87501, within 15 days. Additional information can be obtained by contacting Paul Ragsdale at (505) 748-1471.

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TREASURER

November 7, 1990

Artesia Daily Press
503 W. Main
Artesia, NM 88210

Gentlemen,

Yates Petroleum Corporation desires to place a public notice in your newspaper for one day. The notice is enclosed.

Please place this notice in your paper Thursday, November 8, 1990 and forward a copy of it along with your billing as soon as possible to:

Yates Petroleum Corporation
105 S. 4th Street
Artesia, NM 88210
Attn: Paul Ragsdale

If you have any questions, please contact me at 748-1471, Ext. 187. Thank you for your cooperation in this matter.

Sincerely,

Paul Ragsdale
Petroleum Engineer

PR/sj

Enclosure

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TREASURER

December 10, 1990

CERTIFIED RETURN RECEIPT

Santa Fe Energy
500 W. Illinois
Suite 500
Midland, TX 79702

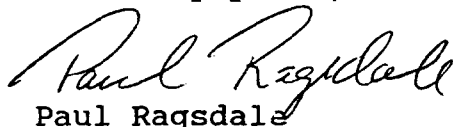
Re: Request for Authorization to Inject
Mimosa AHS Federal #1
1980' FSL & 810' FEL
Sec 4-T20S-R24E
Eddy County, NM

Gentlemen:

Yates Petroleum notified you by letter of November 7, 1990 of the proposed plan to convert the referenced Mimosa AHS Federal #1 into a disposal well. The proposed zones for injection were the Mississippian, Devonian and Ellenberger formations at a depth of 9515' to 11,150'. In addition to these zones, Yates now proposes to include the Morrow formation at a depth of 8925' to 8940' as a zone for injection. This zone was perforated, acidized and fracture treated but proved unproductive. It is our intention to inject into all of the zones through 3-1/2" lined tubing and a nickel-plated packer set at 8888'.

Yates has requested that our application to inject be amended to include this zone. If your company has an objection to this amendment please notify the N.M.O.C.D. in Santa Fe within 15 days from receipt of this letter. If you need further information please contact me.

Sincerely yours,


Paul Ragsdale

PR/sj

*1-11 per
Paul Ragsdale
1-3-91. They wish to
squeeze in Morrow zone.
Dismiss Case 10204 and
approve admin.
JC*

**MIMOSA "AHS" FEDERAL #1
SEC. 4 - T20S - R24E
1980' FSL & 810' FEL
EDDY COUNTY, NEW MEXICO
SPUD : 8 - 28 - 90**

PROPOSED SALT WATER DISPOSAL WELL

SAN ANDRES 343'

GLORIETA 1734'

YESO 1850'

ABO 3996'

WOLFCAMP 5236'

CANYON 7350'

STRAWN 7940'

ATOKA 8522'

MORROW 8818'

MISSISSIPPIAN 9200'

WOODFORD 9688'

SILURIAN/DEVONIAN 9720'

MONTOYA 10,127'

ELLENBERGER 10,459'

BLISS SAND 10,979'

GRANITE 11,043'

TD 11,150

9 5/8" @ 1305' W/1100 SX (CIR

**SQUEEZE HOLES AT 3850'
CEMENTED W/ 635 SX
CIRCULATED 70 SX TO SURFACE**

STAGE III -975 SX

DV TOOL @ 5279'

STAGE II -1700' SX

**SQUEEZED
CANYON PERFS : 7553' - 60'
W/50 SX CEMENT, CLASS H**

**3 1/2" PLASTIC - COATED
TUBING & PACKER @ 8888'**

DV TOOL @ 9307'

PERFS: 8925' TO 11,011'

STAGE I -450 SX

7"; 23#, 26#, & 29# SET AT 11,150'

PLAN TO RUN APPROXIMATELY 11,150' OF 7" 23# CASING, CIRCULATING CEMENT BACK TO SURFACE. WILL COMPLETE FOR SALT WATER DISPOSAL WITH 2 - 7/8" 6.5# J - 55 PLASTIC - COATED TUBING AND GUIBERSON VI OR BAKER PLASTIC - COATED OR NICKEL - PLATED PACKER SET @ APPROXIMATELY 9450' WITH AN INERT FLUID WITH INHIBITORS IN THE ANNULUS. PROPOSED TO INJECT DAGGER DRAW - UPPER PENNSYLVANIAN PRODUCED WATERS THROUGH MISS/DEVONIAN, MONTOYA, ELLENBERGER, AND BLISS SAND PERFORATIONS FROM APPROXIMATELY 9515' - 11,150'

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986

NOV 19 9 13 AM '90



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210

TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD

JOHN A. YATES
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EXECUTIVE VICE PRESIDENT

RANDY G. PATTERSON
SECRETARY

DENNIS G. KINSEY
TREASURER

November 14, 1990

New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

To Whom It May Concern,

Please find enclosed the affidavit of publication for the
Mimosa "AHS" Federal #1 for which Yates Petroleum
Corporation recently filed Form C-108.

The affidavit was not available at the time the filing was
submitted with your office.

Sincerely,

Stormi Johnson
Engineering Technician

XC: NMOCD - Artesia Office

Affidavit of Publication

No. 13327

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 November 8, 1990

Second Publication _____

Third Publication _____

Fourth Publication _____

Harry R. Scott
Subscribed and sworn to before me this 8th day of November 19 90

Barbara Ann Boone
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1991

Copy of Publication

LEGAL NOTICE

Yates Petroleum Corporation, 105 South Fourth Street, Artesia, NM 88210, has filed form C-106 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division and has received administrative approval for the injection well. The proposed well, the "Mimosa AHS Federal #1" located 1930' FSL & 810' FEL of Section 4, Township 20 South, Range 24 East of Eddy County, New Mexico, will be used for wastewater disposal only. Disposal waters from the Dugway Deep Upper Pennsylvania will be re-injected into the Permian, Devonian, and Mississippian formations at a depth of 11,150 feet. The maximum pressure of the well is 1000 BWPD.

All interested parties wishing the aforementioned well file objections or requests for a hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 87501 within 15 days. Additional information can be obtained by contacting Paul Ragsdale at (505) 748-1471.

Published in the Artesia Daily Press, Artesia, N.M. November 8, 1990.

Legal 13327