ENERGY	STATE OF NEW MERICO AND MINERALS DEPARTMENT OIL CHIS PVA ON DIVISION STATE LAND OFFICE BUX 2008 STATE
APPLICAT	TION FOR AUTHORIZATION TO INJECT
1.	Purpose: Decondary Recovery Deressure Maintenance Disposal Disposal Storage Application qualifies for administrative approval?
11.	Operator: Yates Petroleum Corporation
	Address: 105 S. 4th Street
	Contact party: Brian Collins Phone: (505) 748-1471
111.	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
۷.	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:
•	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and 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.).
	Attach appropriate geological data on the injection zone including appropriate lithologic \uparrow 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.
	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
	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.
	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: Brian Collins
	Signature: March 25, 1993
submit	e information required under Sections VI, VIII, X, and XI above has been previously ted, it need not be duplicated and resubmitted. Please show the date and circumstance e earlier submittal.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office.

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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.



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

March 25, 1993

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

Attn: David Catanach

Dear Mr. Catanach,

Enclosed please find our application for authorization to inject for the Kiwi AKX State #8 located in Section 16-T22S-R32E of Lea County, New Mexico.

Sincerely,

- Inllin

Brian Collins Engineer

BC/th



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

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

March 25, 1993

New Mexico Energy & Minerals Department Oil Conservation Division P. O. Drawer 1980 Hobbs, NM 88240

Attn: Jerry Sexton

Dear Mr. Sexton,

Enclosed please find our application for authorization to inject for the Kiwi AKX State #8 located in Section 16-T22S-R32E of Lea County, New Mexico.

Sincerely,

Prian tallin

Brian Collins Engineer

BC/th

C-108 Application For Authorization To Inject Yates Petroleum Corporation Kiwi AKX State #8 F 16-T22S-R32E Lea County, New Mexico

I. The purpose of reworking this well is to make a disposal well for produced Delaware Sand water into the Delaware Sand formation.

Yates Petroleum plans to convert this well to a water disposal well into the Delaware Sand.

- II. Operator: Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210 Brian Collins (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. 2 wells within the area of review penetrate the proposed injection zone. (See Attachment C)
- VII. 1. Proposed average daily injection volume approximately 2,000 BWPD. Maximum daily injection volume approximately 5,000 BWPD.
 - 2. This will be a closed system.
 - 3. Proposed average injection pressure-unknown. Proposed maximum injection pressure--1048 psi.
 - 4. Sources of injected water would be produced water from the Delaware Sand. (Attachment D)
 - 5. See Attachment D.
- VIII. 1. The proposed injection interval is the portion of the Delaware Sand formation consisting of porous Sandstone from estimated depths of 5240'-8710'.
 - 2. Possible Fresh water zones overlie the proposed injection formations at depths to approximately 850' feet. There are no fresh water zones underlying the formation.
- IX. The proposed disposal interval may be acidized with 7-1/2% HCL acid, 12-3 HF acid, or proppant fractured.
- X. Logs were filed at your office when the well was drilled.
- XI. 1 windmill exists within a one mile radius of the subject location.

Application for Authorization to Inject Kiwi AKX State #8 -2-

- 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 E)
 - B. Copy of legal advertisement attached. (Attachment F)
- XIV. Certification is signed.

Yates Petroleum Corporation Kiwi AKX State #8 F- 16-T22S-R32E

> Attachment A Page 1

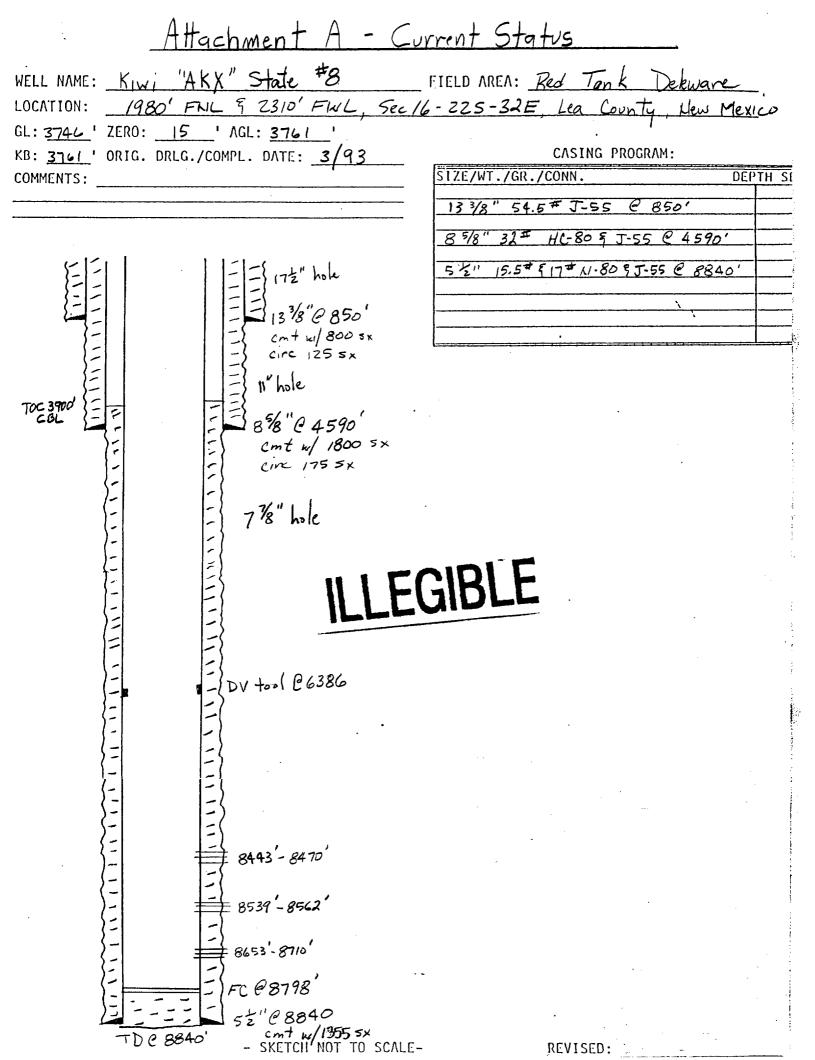
III. Well Data

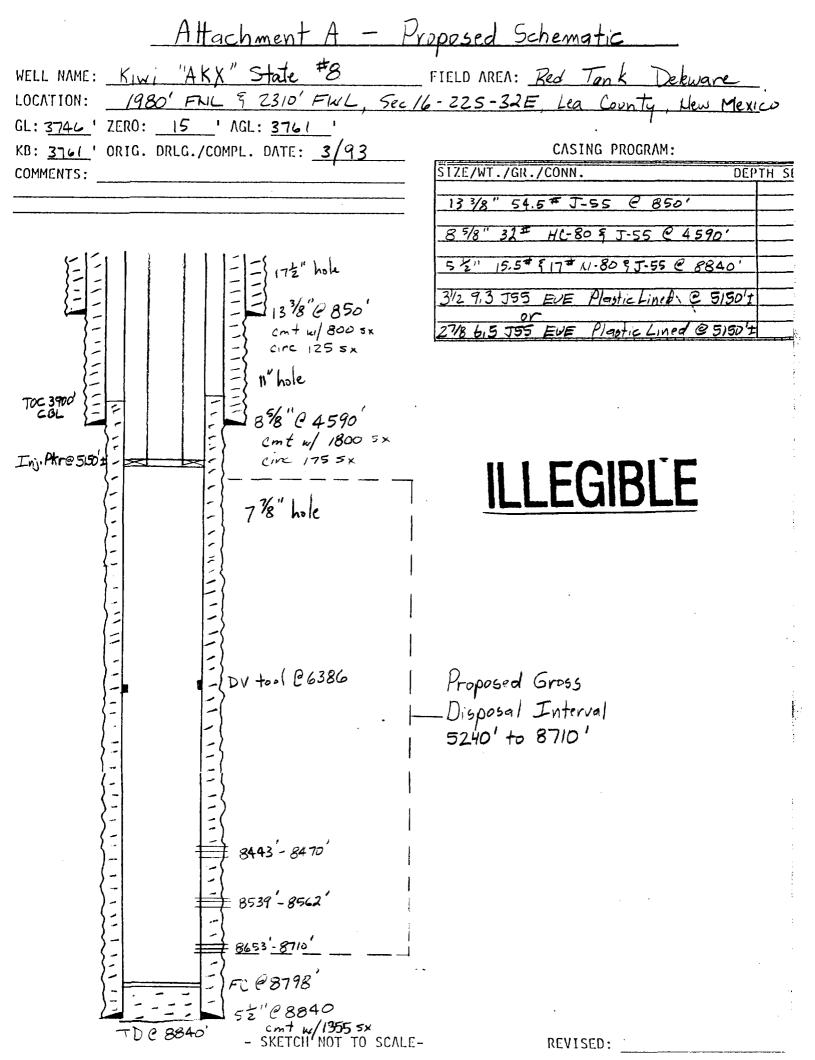
- A. 1. Lease Name/Location: Kiwi AKX State #8 F-16-T22S-R32E 1980' FNL & 2310' FWL
 - 2. Casing Strings:
 - a. Present Well Condition

 3/8", 54.5#, J55 @ 850' w/800 sx (circ)
 5/8", 32#, HC-80, J55 @ 4590' w/1800 sx.
 1/2", 15.5#, 17#, N80, J55 @ 8840' w/1355 sx (TOC 3900' CBL)

 Present Status:

 Non-commercial completion in Delaware at 8443'-8470', 8539'-8562' and 8653'-8710'.
 - 3. Proposed well condition: Casing same as above.
 3 1/2" 9.3 J55 or 2-7/8" 6.5 J55 plastic-coated injection tubing @ 5150'.
 - 4. Propose to use Guiberson or Baker plastic-coated or nickel-plated packer set at 5150'.
- B. 1. Injection Formation: Delaware Sand
 - 2. Injection Interval will be through perforations from approximately 5240' 8710' gross interval.
 - 3. Well was originally drilled as a Delaware Sand oil well. Well will be Delaware Sand water disposal well (5240'-8710') when work is completed.
 - 4. Perforations: High porosity sands to be selected between 5240' and 8710', including current zones 8443'-8470', 8539'-8562' and 8653'-8710'.
 - Next higher (shallower) oil or gas zone within 2 miles--None. Next lower (deeper) oil or gas zone within 2 miles--Bone Spring.





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YATES PETROLEUM CORPORATION KIWI AKX STATE #8

PROPOSED SALT WATER DISPOSAL WELL

SEC. 16-T22S-R32E

1980'FNL & 2310'FWL

LEA COUNTY, NEW MEXICO

ATTACHMENT B

Kiwi AKX State #8 Form C-108 **Tabulation of Data on Wells Within Area of Review**

Total Producing Type Spud Completed Depth Zone Perforations Completion Information	7174'-8649' 20" @ 40' w/redimix 13 3/8" @ 850' w/750 sx (circ) 8 5/8" @ 4569' w/1500 sx (circ) 5 1/2" @ 9500' w/1110 sx	7136'-8710' 20" @ 80' w/redimix
Perforations	7174'-8649'	7136'-8710'
Total Producing Depth Zone	9500' Delaware	Delaware
Total Depth	9500'	8900'
Completed	07/13/92 08/19/92	10/29/92 11/29/92
Spud	07/13/92	10/29/92
Type	Oil	Oil
Operator	YPC	YPC
Well Name Operator	Kiwi AKX State #5 J 16-22S-32E	Kiwi AKX State #7



WATER ANALYSIS REPORT

: YATES PETROLEUM : 5-28-92 Company Date Date Sampled : 5-27-92 Address : ARTESIA, N.M. Lease : KIWI 'AKX' STATE Analysis No. : 467 Well : 1 Sample Pt. : WELLHEAD mq/L * meg/L ANALYSIS _____ 5.8 1. pH 2. H2S 0 3. Specific Gravity 1.120 4. Total Dissolved Solids 191043.8 5. Suspended Solids NR 6. Dissolved Oxygen NR Dissolved CO2 NR 7. 8. Oil In Water NR 9. Phenolphthalein Alkalinity (CaCO3) 10. Methyl Orange Alkalinity (CaCO3) 450.0 11. Bicarbonate HCO3 HCO3 549.0 9.0 12. Chloride C1 118396.1 C1 3339.8 13. Sulfate SO4 SO4 900.0 18.7 14. Calcium Ca 8865.7 Ca 442.4 15. Magnesium Mg 5780.9 Mq 475.6 16. Sodium (calculated) Na 56315.1 Na 2449.5 Fe 237.0 17. Iron 18. Barium Ba 0.0 19. Strontium Sr 0.0 20. Total Hardness (CaCO3) 45941.3

PROBABLE MINERAL COMPOSITION

*milli equivalents per Lite	r	Compound	- Equiv wt	X meq/L	= mg/L
++ 442 *Ca < *HCO3 /> 476 *Mg> *SO4 <br 2450 *Na> *Cl	9 1.9 3340	Ca(HCO3)2 CaSO4 CaCl2 Mg(HCO3)2 MgSO4	81.0 68.1 55.5 73.2 60.2	9.0 18.7 414.7	729 1276 23009
Saturation Values Dist. Wat CaCO3 13 m CaSO4 * 2H2O 2090 m BaSO4 2.4 m	g/L g/L	MgCl2 NaHCO3 Na2SO4 NaCl	47.6 84.0 71.0 58.4	475.6 2449.5	22641 143151

REMARKS: L.MALLETT

Petrolite Oilfield Chemicals Group

Respectfully submitted, ROZANNE JOHNSON

ATTACHMENT D



14

...

Chemicals and Services

.

ETROLITE

16010 Barker's Point Lane • Houston, Texas 77079 713 558-5200 • Telex: 4620346 • FAX: 713 589-4737

Reply to: P.O. Box FF Artesia, New Mexico 88210 (505) 746-3588 Phone (505) 746-3580 Fax

WATER ANALYSIS REPORT

Company Address Lease Well Sample	5	: YATES PETH : ARTESIA, M : KIWI : #5 : WELLHEAD		Date Date Sampled Analysis No.	:		92 92
	ANALYS	IS		mg/L			* meq/L
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PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	r ++	Compound	Equiv wt	X meq/L	= mg/L	
1222 *Ca < *HCO3	2 14 	Ca(HCO3)2 CaSO4 CaCl2 Mg(HCO3)2	81.0 68.1 55.5 73.2	2.0 14.1 1205.5	162 957 66893	
3216 *Na> *Cl ++ Saturation Values Dist. Wate CaCO3 13 mg		MgSO4 MgCl2 NaHCO3 Na2SO4	60.2 47.6 84.0 71.0	373.0	17757	
CaSO4 * 2H2O 2090 mc	g/L g/L	NaCl	58.4	3216.2	187957	

REMARKS:

----- L. MALLETT / FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted, STEVE TIGERT



Chemicals and Services

TROLITE

16010 Barker's Point Lane • Houston, Texas 77079 713 558-5200 • Telex: 4620346 • FAX: 713 589-4737

D/#

Reply to: P.O. Box FF Artesia, New Mexico 88210 (505) 746-3588 Phone (505) 746-3580 Fax

WATER ANALYSIS REPORT

Company : YATES PETROLEUM Date : 03/09/93 Date Sampled : 03/08/93 : ARTESIA, NEW MEXICO Address : KIWI AKX STATE Analysis No. : 343 Lease : #8 Well Sample Pt. : WELLHEAD ANALYSIS mg/L * meq/L _____ ____ ____ 1. pН 5.8 2. 2 PPM H2S Specific Gravity 3. 1.155 Total Dissolved Solids 273230.7 4. 5. Suspended Solids NR Dissolved Oxygen 6. NR 7. Dissolved CO2 460 PPM 8. Oil In Water NR 9. Phenolphthalein Alkalinity (CaCO3) Methyl Orange Alkalinity (CaCO3) 10. 150.0 HCO3 Bicarbonate 11. 183.0 HCO3 3.0 173072.2 12. Chloride Cl C1 4882.1 13. Sulfate S04 450.0 S04 9.4 32625.1 Ca 14. Calcium Ca 1628.0 15. Magnesium Mq 9286.4 Mg 764.0 57532.9 16. Sodium (calculated) Na Na 2502.5 17. Iron Fe 81.0 18. Barium Ba NR 19. Strontium Sr NR

PROBABLE MINERAL COMPOSITION

119707.6

*milli equivalents per Liter	Compound Equiv wt X meq/L = mg/L					
1628 *Ca < *HCO3	Ca(HCO3)2 81.0 3.0 243 CaSO4 68.1 9.4 638					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	CaCl2 55.5 1615.6 89651 Mg(HCO3)2 73.2 MgSO4 60.2					
++ Saturation Values Dist. Water 20 C	MgCl2 47.6 764.0 36370 NaHCO3 84.0					
CaCO3 13 mg/L CaSO4 * 2H2O 2090 mg/L BaSO4 2.4 mg/L	Na2SO4 71.0 NaCl 58.4 2502.5 146247					

REMARKS:

20.

----- L. MALLETT / FILE

Total Hardness (CaCO3)

Petrolite Oilfield Chemicals Group

Respectfully submitted, ROZANNE JOHNSON



ATTACHMENT D

"Windmill Water"

Chemicals and Services

'ETROLITE

16C10 Barker's Point Lane • Houston, Texas 77079 713 558-5200 • Telex: 4620346 • FAX: 713 589-4737

Reply to: P.O. Box FF Artesia, New Mexico 88210 (505) 746-3588 Phone (505) 746-3580 Fax

WATER ANALYSIS REPORT

: YATES PETROLEUM Date : 03/22/93 Company Date Sampled : 03/22/93 Address : ARTESIA, NEW MEXICO Lease : KIWI AREA Analysis No. : 081 Well : UNKNOWN : UNKNOWN Sample Pt. ANALYSIS mg/L * meq/L ______ _____ 7.4 1. pН H2S \cap 2. 3. Specific Gravity 1.000 4. Total Dissolved Solids -554.6 5. Suspended Solids NR Dissolved Oxygen NR 6. 7. Dissolved CO2 NR Oil In Water NR 8. Phenolphthalein Alkalinity (CaCO3) 9. Methyl Orange Alkalinity (CaCO3) 10. 11. Bicarbonate HCO3 146.0 HCO3 2.4 Chloride **C**1 12. 127.0 C1 3.6 13. Sulfate S04 25.0 SO4 0.5 14. Calcium Ca 920.0 Ca 45.9 972.1 15. Magnesium Mq Mq 80.0 Sodium (calculated) -2744.816. Na Na -119.4 17. Iron Fe NR 18. Barium Ba NR 19. Strontium \mathbf{Sr} NR 20. Total Hardness (CaCO3) 6300.0

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt X	meq/L	= mg/L			
46 *Ca < *HCO3	g/L g/L	Ca(HCO3)2 CaSO4 CaCl2 Mg(HCO3)2 MgSO4 MgCl2 NaHCO3 Na2SO4 NaCl	81.0 68.1 55.5 73.2 60.2 47.6 84.0 71.0 58.4	2.4 0.5 3.6	194 35 199		

REMARKS:

----- L. MALLETT / FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted, STEVE TIGERT

ATTACHMENT E



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

March 25, 1993

Phillips Petroleum 4001 Pennbrook Odessa, TX 79762

Gentlemen,

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates' Kiwi AKX State #8 located in Unit F of Section 16-T22S-R32E of Lea County, New Mexico.

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

Sincerely,

Anien tallin

Brian Collins Engineer

BC/th



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

March 25, 1993

Santa Fe Energy 550 W. Texas Suite 1330 Midland, TX 79701

Gentlemen,

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates' Kiwi AKX State #8 located in Unit F of Section 16-T22S-R32E of Lea County, New Mexico.

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

Sincerely,

Amintallin

Brian Collins Engineer

BC/th



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

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

March 25, 1993

Pogo Producing Company P. O. Box 10340 Midland, TX 79701

Gentlemen,

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates' Kiwi AKX State #8 located in Unit F of Section 16-T22S-R32E of Lea County, New Mexico.

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

Sincerely,

Mia tollin

Brian Collins Engineer

BC/th



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

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

March 25, 1993

Hobbs New Sun 201 N. Thorp Hobbs, NM 88240

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 on Sunday, March 28, 1993 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: Brian Collins

If you have any questions, please contact me at 748-1471, Ext. 182. Thank you for your cooperation in this matter.

Sincerely,

Run Lullin

Brian Collins Engineer

BC/th

Attachment F

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 Kiwi AKX State #8 located 1980'FNL & 2310'FWL of Section 16, Township 22 South, Range 32 East of Lea County, New Mexico, will be used for saltwater disposal. Disposal waters from the Delaware Sand will be re-injected into the Delaware Sand at a depth of 5240'-8710' with a maximum pressure of 1048 psi and a maximum rate of 5,000 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 Brian Collins at (505) 748-1471.

AFFIDAVIT OF PUBLICATION

State of New Mexico, County of Lea.

I, Kathi Bearden

General Manager

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_

one __ weeks. Beginning with the issue dated

March 28 19 93

and ending with the issue dated

<u>_,19 93</u> March 28

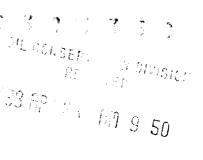
General Manager Sworn and subscribed to before

me this day of

Notary Public.

My Commission expires March 15, 1997 (Seal)

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

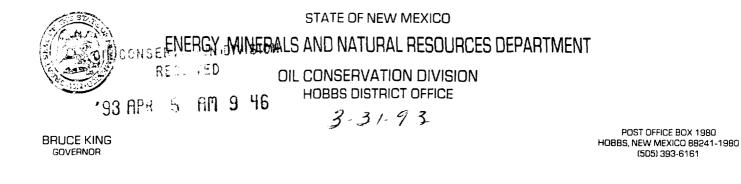


LEGAL NOTICE

March 28, 1993 Yates Petroleum Corpora-tion, 105 South Fourth Street, Artesia, NM 88210, has filed form C-108 (Appli-cetion for Authorization to cation for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for an injection well. The proposed well, the Kiwi AKX State #8 located 1980'FNL & 2310'FWL of Section 18, Township 22 South, Range 32 East of

Les County, New Mexico, will be used for saltwater disposal. Disposal waters from the Delaware Sand will be re-injected into the Delaware Sand at a depth of 5240'-8710' with a maximum pressure of 1048 psi and a maximum rate of 5,000 BWPD. All interested parties op-

posing the aforementioned must file objections or request for a hearing with the Conservation Division, P.O. Box 2088, Santa Fe, NM 87501, within 15 days. Ad-ditional information can be obtained by contacting Brian Collins at (505) 748-1471.



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

RE: Proposed:

MC			
DHC		 	
NSLNSP		 	
NSP		 · · · · · · · · · · · · · · · · · · ·	
SWD	X	 	
WFX		 	
PMX		 	

Gentlemen:

ƏK

I have examined the application for the:

Petroleum Carp. Kiwi aKX State # 8-F 16-22-32 Lease & Well No. Unit S-T-R 0*d*erato

and my recommendations are as follows:

Yours very truly,

Jerry Sexton Supervisor, District 1

/ed