

NEW MEXICO OIL CONSERVATION DIVISION  
SANTA FE, NM

RECEIVED FEB 8 35

## HARVARD PETROLEUM CORPORATION

400 North Pennsylvania, Suite 450 • P.O. Box 936 • Roswell, NM 88201 • (505) 623-1581 • Fax (505) 622-8006

February 7, 1994

New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Attn: Mr. David Catanach

Re: James Federal #1 SWD  
Section 29, SW/4 Se/4  
T-23-S R-32-W NMPM  
Lea County, New Mexico

*FILE SWD 486*

Dear David:

Enclosed please find copies of each water analysis from wells which Scurlock Permian is hauling water and disposing into our above SWD well. All water appears to be from the Delaware formation.

I have also sent a copy to the Hobbs District office. Let me know if you need anything further.

Very truly yours,

HARVARD PETROLEUM CORPORATION

Jeff Harvard  
Vice President

xc: NM Oil Conservation Div.  
P.O. Box 1980  
Hobbs, NM 88741

Attn: Mr. Jerry Sexton



# Chemical Company

P. O. Box 1306 • Phone (505) 746-6611

Artesia, New Mexico 88210

## WATER ANALYSIS REPORT

Company ENRON Date \_\_\_\_\_

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

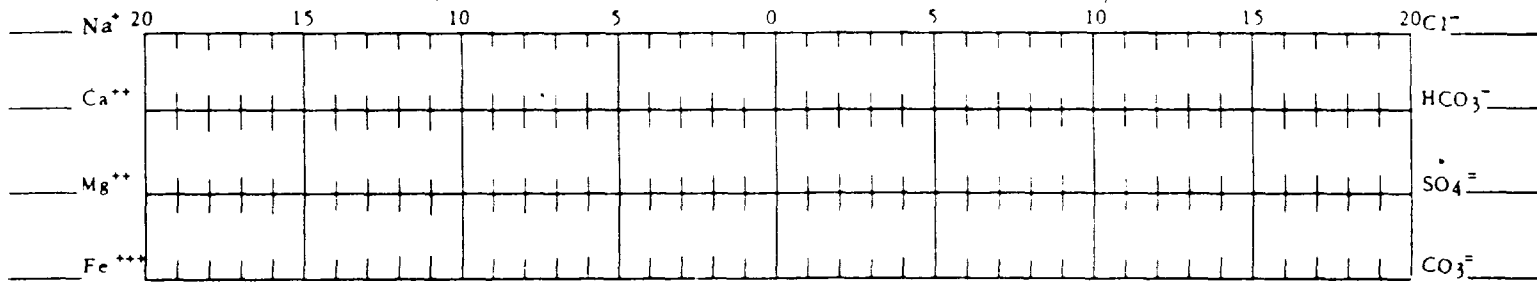
Lease and Well No. JAMES RANCO #36 Prod. Formation \_\_\_\_\_

Source of Sample \_\_\_\_\_

Sample of Prod. Water ☐ Inj. Water ☐ Other ☐Date Collected 1-28-94 Analyst \_\_\_\_\_

### WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l \* SCALE UNIT)



### Dissolved Solids

Constituent

MG/L (PPM)

EPM

Calcium 1360Magnesium 1128Sodium —Iron —Chloride 61,000Bicarbonate 720Carbonate —Sulfate 1180Total Hardness 2488Total Dissolved Solids 63,388Hydrogen Sulfide —Oxygen —ph 7.05  
Sp. Gravity \_\_\_\_\_

Remarks:



# Chemical Company

P. O. Box 1306 • Phone (505) 746-6611  
Artesia, New Mexico 88210

## WATER ANALYSIS REPORT

Company ENRON Date \_\_\_\_\_

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lease and Well No. Mesa Verde 6#2 FED Prod. Formation \_\_\_\_\_

Source of Sample \_\_\_\_\_

Sample of Prod. Water ☐ Inj. Water ☐ Other ☐

Date Collected \_\_\_\_\_ Analyst \_\_\_\_\_

### WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l\* SCALE UNIT)

Na <sup>+</sup> 20	15	10	5	0	5	10	15	20 Cl <sup>-</sup>
Ca <sup>++</sup>								HCO <sub>3</sub> <sup>-</sup>
Mg <sup>++</sup>								SO <sub>4</sub> <sup>=</sup>
Fe <sup>+++</sup>								CO <sub>3</sub> <sup>=</sup>

Dissolved Solids  
Constituent

MG/L (PPM)

EPM

Calcium 1400  
Magnesium 1200  
Sodium —  
Iron —  
Chloride 59,000  
Bicarbonate 605  
Carbonate 0  
Sulfate 987

ph 7.0  
Sp. Gravity \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Hardness 2600  
Total Dissolved Solids 63,112  
Hydrogen Sulfide \_\_\_\_\_  
Oxygen \_\_\_\_\_

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Remarks:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Chemical Company

P. O. Box 1306 • Phone (505) 746-6611

Artesia, New Mexico 88210

### WATER ANALYSIS REPORT

Company Pogo Date \_\_\_\_\_

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lease and Well No. PuroGold D-1 Prod. Formation \_\_\_\_\_

Source of Sample \_\_\_\_\_

Sample of Prod. Water ☐ Inj. Water ☐ Other ☐

Date Collected 1-28-94 Analyst \_\_\_\_\_

#### WATER ANALYSIS PATTERN (NUMBER BESIDE ION SYMBOL INDICATES me/l\* SCALE UNIT)

Na <sup>+</sup> 20	15	10	5	0	5	10	15	20 Cl <sup>-</sup>
Ca <sup>++</sup>								HCO <sub>3</sub> <sup>-</sup>
Mg <sup>++</sup>								SO <sub>4</sub> <sup>=</sup>
Fe <sup>+++</sup>								CO <sub>3</sub> <sup>=</sup>

Dissolved Solids

Constituent

MG/L (PPM)

EPM

Calcium 1260

Magnesium 1920

Sodium \_\_\_\_\_

Iron \_\_\_\_\_

Chloride 58,520

Bicarbonate 895

Carbonate 0

Sulfate 1750

Total Hardness 2980

Total Dissolved Solids 64,075

Hydrogen Sulfide \_\_\_\_\_

Oxygen \_\_\_\_\_

ph 7.0  
Sp. Gravity \_\_\_\_\_

Remarks:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# Chemical Company

P. O. Box 1306 • Phone (505) 746-6611

Artesia, New Mexico 88210

## WATER ANALYSIS REPORT

Company Pogo Date \_\_\_\_\_

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lease and Well No. 29 #8 Prod. Formation \_\_\_\_\_

Source of Sample \_\_\_\_\_

Sample of Prod. Water ☐ Inj. Water ☐ Other ☐

Date Collected 1-28-94 Analyst \_\_\_\_\_

### WATER ANALYSIS PATTERN (NUMBER BESIDE ION SYMBOL INDICATES me/l\* SCALE UNIT)

Na <sup>+</sup> 20	15	10	5	0	5	10	15	20 Cl <sup>-</sup>
Ca <sup>++</sup>								HCO <sub>3</sub> <sup>-</sup>
Mg <sup>++</sup>								SO <sub>4</sub> <sup>=</sup>
Fe <sup>+++</sup>								CO <sub>3</sub> <sup>=</sup>

#### Dissolved Solids

Constituent

MG/L (PPM)

EPM

Calcium 1860  
Magnesium 584  
Sodium -  
Iron -  
Chloride 60,000  
Bicarbonate 790  
Carbonate 0  
Sulfate 1640

ph 7.00  
Sp. Gravity \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Hardness 2408  
Total Dissolved Solids 64838  
Hydrogen Sulfide -  
Oxygen -

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Remarks:

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## Chemical Company

P. O. Box 1306 • Phone (505) 746-6611  
Artesia, New Mexico 88210

### WATER ANALYSIS REPORT

Company Poso Date \_\_\_\_\_

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lease and Well No. MOBIL FQ Prod. Formation \_\_\_\_\_

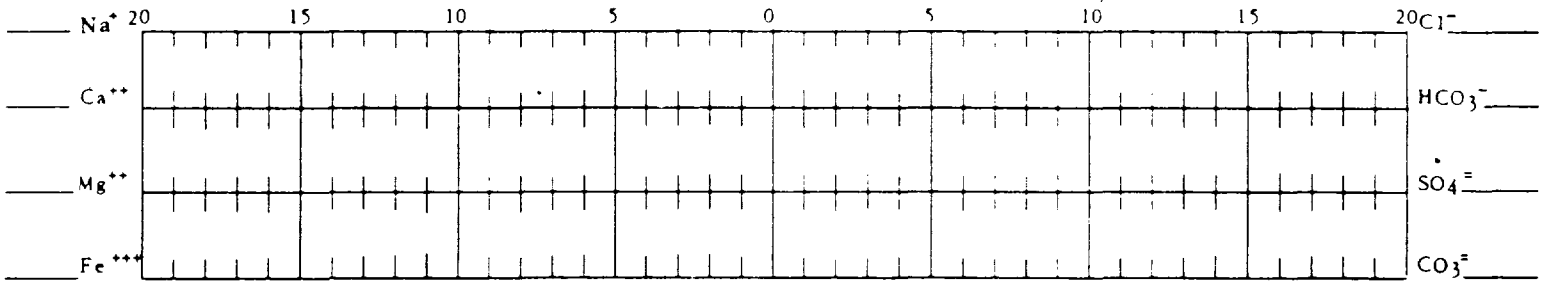
Source of Sample \_\_\_\_\_

Sample of Prod. Water ☐ Inj. Water ☐ Other ☐

Date Collected 1-28-94 Analyst \_\_\_\_\_

#### WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l\* SCALE UNIT)



#### Dissolved Solids

Constituent

MG/L (PPM)

EPM

Calcium 1195  
Magnesium 925  
Sodium \_\_\_\_\_  
Iron NHLE  
Chloride 59,500  
Bicarbonate 749  
Carbonate 0  
Sulfate 1495

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ph 6.95  
Sp. Gravity \_\_\_\_\_

Total Hardness 2120  
Total Dissolved Solids 123,864  
Hydrogen Sulfide \_\_\_\_\_  
Oxygen \_\_\_\_\_

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Remarks:

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# Chemical Company

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Artesia, New Mexico 88210

## WATER ANALYSIS REPORT

Company KAISER FRANCIS Date 1-28-94

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lease and Well No. PURE GOLD B-4 Prod. Formation \_\_\_\_\_

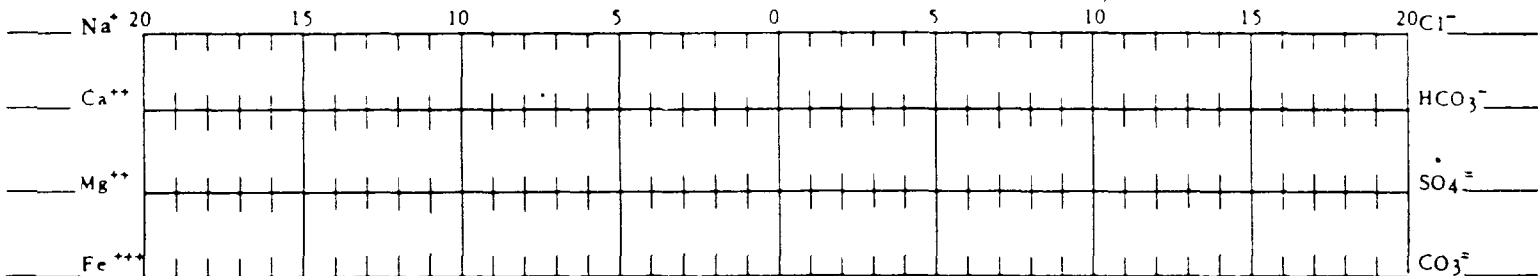
Source of Sample \_\_\_\_\_

Sample of Prod. Water ☒ Inj. Water ☐ Other ☐

Date Collected 1-28-94 Analyst K. J.

### WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l • SCALE UNIT)



Dissolved Solids

Constituent

MG/L (PPM)

EPM

Calcium 1324  
Magnesium 832  
Sodium \_\_\_\_\_  
Iron NIL  
Chloride 63450  
Bicarbonate 823  
Carbonate 0  
Sulfate 954

ph 7.60  
Sp. Gravity \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Hardness 2165  
Total Dissolved Solids 67,392  
Hydrogen Sulfide \_\_\_\_\_  
Oxygen \_\_\_\_\_

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\_\_\_\_\_

Remarks:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# Chemical Company

P. O. Box 1306 • Phone (505) 746-6611

Artesia, New Mexico 88210

## WATER ANALYSIS REPORT

Company KAISER FRANCIS Date 1-28-94

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lease and Well No. PURE GOLD A #2 Prod. Formation \_\_\_\_\_

Source of Sample \_\_\_\_\_

Sample of Prod. Water ☒ Inj. Water ☐ Other ☐

Date Collected 1-28-94 Analyst \_\_\_\_\_

### WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l \* SCALE UNIT)

Na <sup>+</sup> 20	15	10	5	0	5	10	15	20 Cl <sup>-</sup>
Ca <sup>++</sup>								HCO <sub>3</sub> <sup>-</sup>
Mg <sup>++</sup>								SO <sub>4</sub> <sup>=</sup>
Fe <sup>+++</sup>								CO <sub>3</sub> <sup>=</sup>

#### Dissolved Solids

Constituent

MG / L (PPM)

EPM

Calcium 2800  
Magnesium 4040  
Sodium \_\_\_\_\_  
Iron NIL  
Chloride 64,000  
Bicarbonate 395  
Carbonate NIL  
Sulfate 1025

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ph 7.05  
Sp. Gravity \_\_\_\_\_

Total Hardness 6840  
Total Dissolved Solids 72260  
Hydrogen Sulfide \_\_\_\_\_  
Oxygen \_\_\_\_\_

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\_\_\_\_\_  
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Remarks:

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\_\_\_\_\_  
\_\_\_\_\_





# Chemical Company

P. O. Box 1306 • Phone (505) 746-6611

Artesia, New Mexico 88210

## WATER ANALYSIS REPORT

Company Pogo Date 1-28-94

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lease and Well No. AMAX 24-8 Prod. Formation \_\_\_\_\_

Source of Sample \_\_\_\_\_

Sample of Prod. Water ☒ Inj. Water ☐ Other ☐

Date Collected 1-28-94 Analyst \_\_\_\_\_

### WATER ANALYSIS PATTERN (NUMBER BESIDE ION SYMBOL INDICATES me/l\* SCALE UNIT)

Na <sup>+</sup> 20	15	10	5	0	5	10	15	20 Cl <sup>-</sup>
Ca <sup>++</sup>								HCO <sub>3</sub> <sup>-</sup>
Mg <sup>++</sup>								SO <sub>4</sub> <sup>=</sup>
Fe <sup>+++</sup>								CO <sub>3</sub> <sup>=</sup>

#### Dissolved Solids

Constituent

MG/L (PPM)

EPM

Calcium 2175

Magnesium 4145

Sodium \_\_\_\_\_

Iron NIC

Chloride 51,000

Bicarbonate 395

Carbonate 0

Sulfate 815

Total Hardness 6320

Total Dissolved Solids 58,460

Hydrogen Sulfide -

Oxygen -

ph 7.0

Sp. Gravity \_\_\_\_\_

Remarks:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# Chemical Company

P. O. Box 1306 • Phone (505) 746-6611

Artesia, New Mexico 88210

## WATER ANALYSIS REPORT

Company Poco Date 1-28-94

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lease and Well No. AMAX 24-1 Prod. Formation \_\_\_\_\_

Source of Sample \_\_\_\_\_

Sample of Prod. Water ☐ Inj. Water ☐ Other ☐

Date Collected 1-28-94 Analyst \_\_\_\_\_

### WATER ANALYSIS PATTERN (NUMBER BESIDE ION SYMBOL INDICATES me/l\* SCALE UNIT)

Na <sup>+</sup> 20	15	10	5	0	5	10	15	20 Cl <sup>-</sup>
Ca <sup>++</sup>								HCO <sub>3</sub> <sup>-</sup>
Mg <sup>++</sup>								SO <sub>4</sub> <sup>=</sup>
Fe <sup>+++</sup>								CO <sub>3</sub> <sup>=</sup>

#### Dissolved Solids

Constituent

MG/L (PPM)

EPM

Calcium 1215  
Magnesium 597  
Sodium \_\_\_\_\_  
Iron NIL  
Chloride 43,000  
Bicarbonate 519  
Carbonate NIL  
Sulfate 1812

Total Hardness 2470  
Total Dissolved Solids 62801  
Hydrogen Sulfide \_\_\_\_\_  
Oxygen \_\_\_\_\_

ph 7.05  
Sp. Gravity \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
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Remarks:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Chemical Company

P. O. Box 1306 • Phone (505) 746-6611

Artesia, New Mexico 88210

### WATER ANALYSIS REPORT

Company Pogo Date 1-28-94

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lease and Well No. Pure Gold D-2 Prod. Formation \_\_\_\_\_

Source of Sample \_\_\_\_\_

Sample of Prod. Water ☒ Inj. Water ☐ Other ☐

Date Collected 1-28-94 Analyst \_\_\_\_\_

#### WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l\* SCALE UNIT)

Na <sup>+</sup> 20	15	10	5	0	5	10	15	20 Cl <sup>-</sup>
Ca <sup>++</sup>								HCO <sub>3</sub> <sup>-</sup>
Mg <sup>++</sup>								SO <sub>4</sub> <sup>=</sup>
Fe <sup>+++</sup>								CO <sub>3</sub> <sup>=</sup>

Dissolved Solids

Constituent

MG/L (PPM)

EPM

Calcium 1518

Magnesium 1172

Sodium \_\_\_\_\_

Iron NIL

Chloride 64,000

Bicarbonate 605

Carbonate NIL

Sulfate 1246

Total Hardness 2690

Total Dissolved Solids 65,469

Hydrogen Sulfide \_\_\_\_\_

Oxygen \_\_\_\_\_

ph 7.1  
Sp. Gravity \_\_\_\_\_

Remarks:



# Chemical Company

P. O. Box 1306 • Phone (505) 746-6611

Artesia, New Mexico 88210

## WATER ANALYSIS REPORT

Company Poco Date \_\_\_\_\_

Field \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lease and Well No. LR 18 #3 Prod. Formation \_\_\_\_\_

Source of Sample \_\_\_\_\_

Sample of Prod. Water ☒ Inj. Water ☐ Other ☐

Date Collected 1-28-94 Analyst \_\_\_\_\_

### WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES me/l\* SCALE UNIT)

Na <sup>+</sup> 20	15	10	5	0	5	10	15	20 Cl <sup>-</sup>
Ca <sup>++</sup>								HCO <sub>3</sub> <sup>-</sup>
Mg <sup>++</sup>								SO <sub>4</sub> <sup>=</sup>
Fe <sup>+++</sup>								CO <sub>3</sub> <sup>=</sup>

Dissolved Solids

Constituent

MG/L (PPM)

EPM

Calcium 1175

Magnesium 1025

Sodium \_\_\_\_\_

Iron NIL

Chloride 65,000

Bicarbonate 418

Carbonate 0

Sulfate 2200

Total Hardness 2120

Total Dissolved Solids 65,238

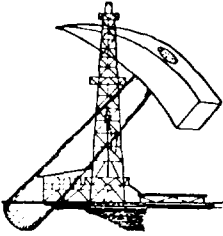
Hydrogen Sulfide \_\_\_\_\_

Oxygen \_\_\_\_\_

ph 7.05  
Sp. Gravity \_\_\_\_\_

Remarks:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## HARVARD PETROLEUM CORPORATION

400 North Pennsylvania, Suite 450 • P.O. Box 936 • Roswell, NM 88201 • (505) 623-1581 • Fax (505) 622-8006

August 24, 1994

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Attention: Mr. Ben Stone

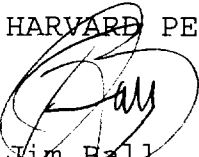
RE: West Triste Draw Prospect  
James Federal #1 SWD  
T23S-R32E NMPM  
Section 29  
Lea Co., N.M.

Dear Mr. Stone:

Pursuant to your phone request, enclosed is a copy of the Affidavit of Publication and copies of the certified receipts to the letters mailed pursuant to the C-108 application on the captioned.

Very truly yours,

HARVARD PETROLEUM CORPORATION



Jim Ball  
Land Manager

JB:cb

# Affidavit of Publication

STATE OF NEW MEXICO )  
 ) ss.  
COUNTY OF LEA )

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Legal Notice

and numbered ..... XXXXX

..... Count of Lea

entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the

same day of the week, for one (1) day

consecutive weeks, beginning with the issue of .....

July 26, 1994

and ending with the issue of \_\_\_\_\_

July 26 19 94

And that the cost of publishing said notice is the  
sum of \$ 13.75

which sum has been (Paid) (~~Assessed~~) as Court Costs

Joyce Clements

Subscribed and sworn to before me this 26th

day of July 1994

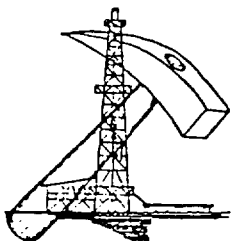
*Mrs Jean Serier*  
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1994

## LEGAL NOTICE

Harvard Petroleum Corporation, P.O. Box 936, Roswell, NM 88202-0936, has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval to deepen an injection well. The proposed well, the "James Federal #1" located 810' FSL & 1830' FEL of Section 29, Township 23 South, Range 32 East of Lea County, New Mexico, is used for saltwater disposal only. Disposal waters from the Delaware will be re-injected into the Delaware formation at a depth of 4844-6160 feet with a maximum pressure of 1,250 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 Jeff Harvard or Jim Ball at (505)623-1581.  
Published in the Lovington Daily Leader July 26, 1994.



# HARVARD PETROLEUM CORPORATION

400 North Pennsylvania, Suite 450 • P.O. Box 936 • Roswell, NM 88201 • (505) 623-1581 • Fax (505) 622-8006

July 21, 1994

Amoco Production Company  
P. O. Box 3092  
Houston, Texas 77253

CERTIFIED RETURN RECEIPT  
# P 137 379 599

RE: West Triste Draw Prospect  
James Federal #1  
T23S-R32E N.M.P.M.  
Section: 29 810' FSL  
& 1830' FEL  
Lea County, New Mexico

Ladies & Gentlemen:

Our records show you are an offset leasehold operator within one-half mile of Harvard Petroleum Corporation's captioned wellbore.

Enclosed is a copy of form C-108 (Application for Authority to Inject) on Harvard's James Federal #1 located in Unit O of Section 29-T23S-R32E. Harvard plans to deepen the disposal well to 6160 feet.

Should you have any questions, please feel free to contact the undersigned or Mr. Jeff Harvard at (505) 623-1581.

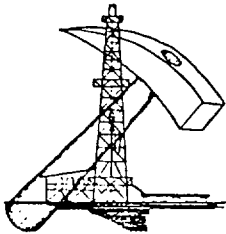
Very truly yours,

HARVARD PETROLEUM CORPORATION

*Jim Ball*  
Jim Ball *cb*  
Land Manager

JB:cb  
Enclosure

Is your RETURN ADDRESS completed on the reverse side?	<b>SENDER:</b> <ul style="list-style-type: none"><li>• Complete items 1 and/or 2 for additional services.</li><li>• Complete items 3, and 4a &amp; b.</li><li>• Print your name and address on the reverse of this form so that we can return this card to you.</li><li>• Attach this form to the front of the mailpiece, or on the back if space does not permit.</li><li>• Write "Return Receipt Requested" on the mailpiece below the article number.</li><li>• The Return Receipt will show to whom the article was delivered and the date delivered.</li></ul>		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
	3. Article Addressed to: <i>Amoco Prod - Co.</i> <i>P.O. Box 3092</i> <i>Houston, TX 77253</i>		4a. Article Number <i>P 137 379 599</i>	
			4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
	5. Signature (Addressee)		7. Date of Delivery <i>JUL 26 1994</i>	
	6. Signature (Agent) <i>C. Kohler</i>		8. Addressee's Address (Only if requested and fee is paid)	



# HARVARD PETROLEUM CORPORATION

400 North Pennsylvania, Suite 450 • P.O. Box 936 • Roswell, NM 88201 • (505) 623-1581 • Fax (505) 622-8006

July 21, 1994

Yates Petroleum Corporation  
105 South 4th Street  
Artesia, New Mexico 88210

Attention: Ms. Mecca Mauritsen

CERTIFIED RETURN RECEIPT  
# P 137 379 598

RE: West Triste Draw Prospect  
James Federal #1  
T23S-R32E N.M.P.M.  
Section: 29 810' FSL  
& 1830' FEL  
Lea County, New Mexico

Dear Ms. Mauritsen:

Our records show you are an offset leasehold operator within one-half mile of Harvard Petroleum Corporation's captioned wellbore.

Enclosed is a copy of form C-108 (Application for Authority to Inject) on Harvard's James Federal #1 located in Unit O of Section 29-T23S-R32E. Harvard plans to deepen the disposal well to 6160 feet.

Should you have any questions, please feel free to contact the undersigned or Mr. Jeff Harvard at (505) 623-1581.

Very truly yours,

HARVARD PETROLEUM CORPORATION

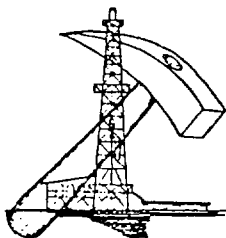
*Jim Ball*  
Jim Ball *CB*  
Land Manager

JB:cb  
Enclosure

<b>is your RETURN ADDRESS completed on the reverse side?</b>	<b>SENDER:</b> <ul style="list-style-type: none"><li>• Complete items 1 and/or 2 for additional services.</li><li>• Complete items 3, and 4a &amp; b.</li><li>• Print your name and address on the reverse of this form so that we can return this card to you.</li><li>• Attach this form to the front of the mailpiece, or on the back if space does not permit.</li><li>• Write "Return Receipt Requested" on the mailpiece below the article number.</li><li>• The Return Receipt will show to whom the article was delivered and the date delivered.</li></ul>		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
	3. Article Addressed to: <i>Yates Petro. Corp.</i> <i>105 S. 4th Street</i> <i>Artesia n.m. 88210</i>		4a. Article Number <i>P 137 379 598</i>	
	4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise		7. Date of Delivery <i>JUL 25 1994</i>	
	5. Signature (Addressee) <i>Monica Frederick</i>		8. Addressee's Address (Only if requested and fee is paid)	
6. Signature (Agent)				

Form 3811, December 1991 ★U.S. GPO: 1992-323-402 DOMESTIC RETURN RECEIPT





# HARVARD PETROLEUM CORPORATION

400 North Pennsylvania, Suite 450 • P.O. Box 936 • Roswell, NM 88201 • (505) 623-1581 • Fax (505) 622-8006

July 21, 1994

Santa Fe Energy Operating Partners, L.P.  
550 West Texas, Suite 1330  
Midland, Texas 79701

CERTIFIED RETURN RECEIPT  
# P 137 379 597

RE: West Triste Draw Prospect  
James Federal #1  
T23S-R32E N.M.P.M.  
Section: 29 810' FSL  
& 1830' FEL  
Lea County, New Mexico

Ladies & Gentlemen:

Our records show you are an offset leasehold operator within one-half mile of Harvard Petroleum Corporation's captioned wellbore.

Enclosed is a copy of form C-108 (Application for Authority to Inject) on Harvard's James Federal #1 located in Unit O of Section 29-T23S-R32E. Harvard plans to deepen the disposal well to 6160 feet.

Should you have any questions, please feel free to contact the undersigned or Mr. Jeff Harvard at (505) 623-1581.

Very truly yours,

HARVARD PETROLEUM CORPORATION

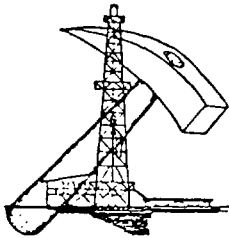
*Jim Ball*

Jim Ball  
Land Manager

JB:cb  
Enclosure

Your RETURN ADDRESS completed on the reverse side?	<b>SENDER:</b> • Complete items 1 and/or 2 for additional services. • Complete items 3, and 4a & b. • Print your name and address on the reverse of this form so that we can return this card to you. • Attach this form to the front of the mailpiece, or on the back if space does not permit. • Write "Return Receipt Requested" on the mailpiece below the article number. • The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
	3. Article Addressed to: <i>Santa Fe Energy Operating Partners</i> <i>550 W Texas Ste 1330</i> <i>Midland, TX 79701</i>		4a. Article Number <i>P 137 379 597</i>	
	4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise		7. Date of Delivery <i>7-25-94</i>	
	5. Signature (Addressee) <i>K. Roberts</i>		8. Addressee's Address (Only if requested and fee is paid)	
6. Signature (Agent)				

DOMESTIC RETURN RECEIPT



# HARVARD PETROLEUM CORPORATION

400 North Pennsylvania, Suite 450 • P.O. Box 936 • Roswell, NM 88201 • (505) 623-1581 • Fax (505) 622-8006

July 21, 1994

Siete Oil & Gas Corporation  
P. O. Box 2523  
Roswell, New Mexico 88202

Attention: Gene Shumate

CERTIFIED RETURN RECEIPT  
# P 137 379 596

RE: West Triste Draw Prospect  
James Federal #1  
T23S-R32E N.M.P.M.  
Section: 29 810' FSL  
& 1830' FEL  
Lea County, New Mexico

Dear Mr. Shumate:

Our records show you are an offset leasehold operator within one-half mile of Harvard Petroleum Corporation's captioned wellbore.

Enclosed is a copy of form C-108 (Application for Authority to Inject) on Harvard's James Federal #1 located in Unit O of Section 29-T23S-R32E. Harvard plans to deepen the disposal well to 6160 feet.

Should you have any questions, please feel free to contact the undersigned or Mr. Jeff Harvard at (505) 623-1581.

Very truly yours,

HARVARD PETROLEUM CORPORATION

*Jim Ball*

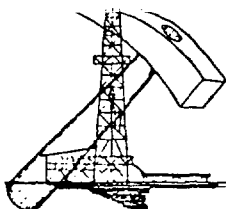
Jim Ball *CB*  
Land Manager

JB:cb  
Enclosure

Is your RETURN ADDRESS completed on the reverse side?	<b>SENDER:</b> • Complete items 1 and/or 2 for additional services. • Complete items 3, and 4a & b. • Print your name and address on the reverse of this form so that we can return this card to you. • Attach this form to the front of the mailpiece, or on the back if space does not permit. • Write "Return Receipt Requested" on the mailpiece below the article number. • The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
	3. Article Addressed to: <i>Siete O &amp; G Corp.</i> <i>P.O. Box 2523</i> <i>Roswell, N.M.</i> <i>88202</i>		4a. Article Number <i>P 137 379 596</i>	
	4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise		7. Date of Delivery <i>JUL 23 1994</i>	
	5. Signature (Addressee) <i>B. Goodloe</i>		8. Addressee's Address (Only if requested and fee is paid)	
6. Signature (Agent)				

PS Form 3811, December 1991 \*U.S. GPO: 1992-323-400 DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service



# HARVARD PETROLEUM CORPORATION

400 North Pennsylvania, Suite 450 • P.O. Box 936 • Roswell, NM 88201 • (505) 623-1581 • Fax (505) 622-8006

July 21, 1994

Charlie F. James  
1207 West Riverside Drive  
Carlsbad, New Mexico 88220

CERTIFIED RETURN RECEIPT  
# P 137 379 588

RE: Harvard's West Triste Draw Prospect  
T23S-R32E N.M.P.M.  
Section 29: SW/4 SE/4  
Lea County, New Mexico

Dear Mr. James:

Our records show you are the grazing leasee through a BLM grazing lease under Harvard Petroleum Corporation's James Federal #1 location. The James Federal #1 location is more particularly described as:

T23S-R32E N.M.P.M.  
Section 29: 810' FSL & 1830' FEL  
Lea County, New Mexico

Harvard Petroleum Corporation drilled the well in 1992, converted it into a salt water disposal well the same year, and now plans to deepen the wellbore to 6160 feet.

We have enclosed a copy of form C-108 (Application for Authority to Inject) on Harvard's James Federal #1 located in Unit 0 of Section 29 T23S-R32E.

Should you have any questions, please feel free to contact the undersigned or Mr. Jeff Harvard at (505) 623-1581.

Very truly yours,

HARVARD PETROLEUM CORPORATION

*Jim Ball*  
Jim Ball *cb*  
Land Manager

JB:cb

RETURN ADDRESS completed on the reverse side?

## SENDER:

- Complete items 1 and/or 2 for additional services.
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- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

*Charlie F. James*  
*1207 W. Riverside Dr.*  
*Carlsbad, N.M. 88220*

*Charlie F. James*

5. Signature (Addressee)

4a. Article Number

*P 137 379 588*

4b. Service Type

☐ Registered ☐ Insured

☒ Certified ☐ COD

☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

*7-23-94*

8. Addressee's Address (Only if requested and fee is paid)