

DATE IN 4/3/06	SUSPENSE 4/19/06	ENGINEER WILL JONES	LOGGED IN 4/3/06	TYPE SWD	APP NO. PTDS0609356525
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
**- Engineering Bureau -**  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

**[1] TYPE OF APPLICATION - Check Those Which Apply for [A]**

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

**[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply**

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

**[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

**[4] CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note:** Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name _____	Signature _____	Title _____	Date _____
e-mail Address _____			

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



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
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 1, 2006

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

Dear Mr. Catanach;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,

A handwritten signature in black ink, appearing to read 'James M. Hill', is written over the typed name.

James M. Hill (Mike)  
Operations Engineer

Enclosure

2006 APR 3 PM 1

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL  
RESOURCES DEPARTMENTOil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505FORM C-108  
Revised June 10, 2005

30-015-23751

## APPLICATION FOR AUTHORIZATION TO INJECT

Cordova SWD-#1

- I. PURPOSE: Secondary Recovery Pressure Maintenance ☒ Disposal Storage  
Application qualifies for administrative approval? ☒ Yes ☐ No
- II. OPERATOR: Yates Petroleum Corporation  
ADDRESS: 105 South 4<sup>th</sup> Street Artesia, New Mexico  
CONTACT PARTY: Mike Hill PHONE: (505)748-4219
- 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 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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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 sources 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: Mike Hill TITLE: Operations Engineer  
SIGNATURE: [Signature] DATE: 4/3/06  
E-MAIL ADDRESS: mhill@yatesnm.com
- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

**C-108 Application for Authorization to Inject  
Yates Petroleum Corporation  
Cordova SWD No. 1  
(Originally Amoco's State IS #1Y)  
Unit E Section 25-24S-27E  
Eddy County, New Mexico**

- I. The purpose of completing this well is to make a disposal well for produced Delaware, Bone Springs and other sources water into the Delaware Sand formation.**

**Yates Petroleum Corporation plans to re-enter and convert this well to a water disposal well into the Delaware Sand.**

- II. Operator: Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, NM 88210  
James M. Hill (505) 748-4219**
- III. Well Data: See Attachment A**
- IV. This is not an expansion of an existing project.**
- V. See attached map, Attachment B.**
- VI. 1 well within the area of review penetrate the proposed injection zone. (See Attachment C)**
- VII. 1. Proposed average daily injection volume approximately 2000 BWPD. Maximum daily injection volume approximately 5000 BWPD.**
- 2. This will be a closed system.**
- 3. Proposed average injection pressure –unknown.  
Proposed maximum injection pressure –1,526 psi.**
- 4. Sources of injected water would be produced water from the Delaware, Bone Springs and other sources. (Attachment D)**
- VIII. 1. The proposed injection interval is the portion of the Delaware Sand formation consisting of porous Sandstone from estimated depths of 2,452-4,152'.**

**Application for Authorization to Inject  
Cordova No. 1**

**-2-**

- 2. Possible Fresh water zones overlie the proposed injection formations at depths to approximately 50'. There are no fresh water zones underlying the formation.**
- IX. The proposed disposal interval may be acidized with 7-1/2% HCL acid or proppant fractured.**
- X. Logs were filed at your office when the well was drilled.**
- XI. There are no windmills within a one-mile radius of the subject location.**
- XII. Yates Petroleum Corporation has examined geologic and engineering data and has found that there is no evidence of faulting in the proposed interval. (Attachment G)**
- 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  
Cordova SWD No. 1  
Unit E Sec. 25-24S-27E  
Eddy County, New Mexico**

**Attachment A**

III. Well Data

- A.
1. Lease Name/Location  
Cordova SWD #1  
API No. 30-015-23751  
Unit E Sec. 25, T24S, R27E  
Eddy County, New Mexico
  2. Casing Strings:
    - a. Present well condition  
8-5/8" 24# K-55 ST&C @ 500' with 275 sx cement (circ)  
5-1/2" 14# K-55 @ 5,497' with 2,325 sx cement
    - b. Present Status:  
Plugged and Abandoned
  3. Proposed well condition:  
Pressure test 5-1/2" casing and run.  
3 1/2" 9.3 J55 or 2-7/8" 6.5 J-55 plastic-coated injection tubing @ +/- 2,300'.
  4. Propose to use Guiberson or Baker plastic-coated or nickel-plated packer set at 2,300'.
- B.
1. Injection Formation: Delaware Sands
  2. Injection Interval will be through perforations from approximately 2,452-4,152' gross interval.
  3. Well was originally drilled for Delaware oil well. The sands were tested and proved to be wet by Amoco. The well will be a Delaware water disposal well (2,452-4,152') when work is completed.
  4. Perforations: High porosity sands to be selected between 2,452-4,152'
  5. Next higher (shallower) oil or gas zone within 2 miles-None.  
Next lower (deeper) oil or gas zone within 2 miles-Brushy Canyon (Lower Delaware).

**WELL NAME:** Cordova SWD No. 1 **FIELD:** Wildcat  
**LOCATION:** Unit letter E, 2,005' FNL & 660' FWL Sec 25-24S-27E Eddy County  
**GL:** 3,143.8' **ZERO:** **KB:**  
**SPUD DATE:** 04/13/81 **COMPLETION DATE:** 07/03/81  
**COMMENTS:** API No. 30-015-23751  
 Formally Amoco's State IS No. 1y

#### CASING PROGRAM

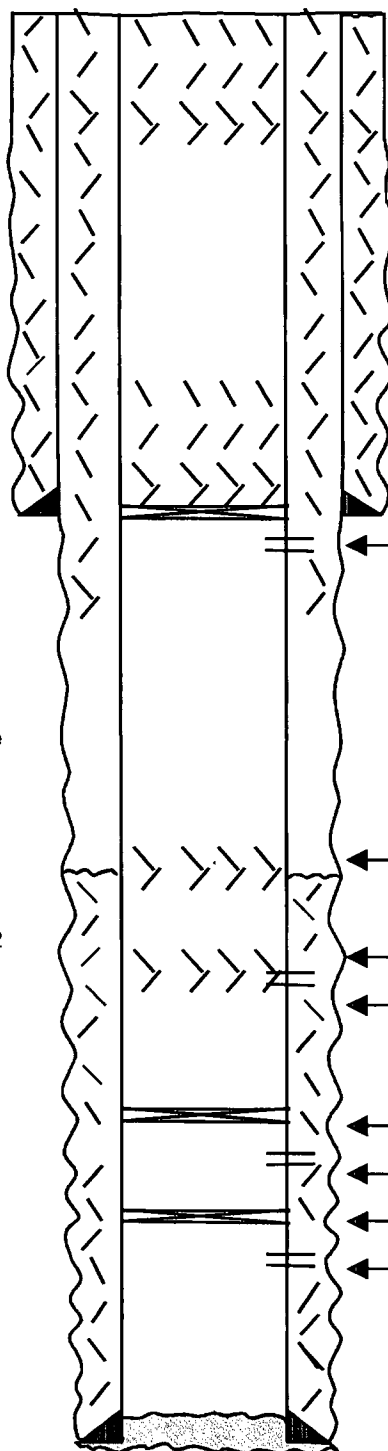
8 5/8" 24 # K-55, ST&C	500'
5-1/2" 14# K-55	5,497'

Before

#### Tops:

Fresh Water	300'
Castille	686'
Base of Salt	2,173'
Lamar LM	2,376'
Bell Canyon	2,452'
Cherry Canyon	3,196'
Brushy Canyon	4,412'
TD	5,300'
Est. Bone Sp	5,860'

12-1/4" Hole



8-5/8" at 500'  
w/ 275 sx cmt (circ)

CMT RET at 550'  
Squeeze perfs at 575'  
Squeezed w/ 50 sx

7-7/8" Hole

TOC @ 1,920'  
Off a c-105  
Filed in 6-16-82

25 sx plug 1,650' – 1,902'

25 sx plug 2,293' – 2,546'

Del. Perfs 3,294' – 3,298' (9), 3,473' – 3,475' (5),  
3,544' – 3,546' (5)  
IP 0 BO, 1993 BW 0 MCFD in 218 hours

CIBP @ 3,700'

Del. Perfs: 3,800' – 3,850' (86), 4,142' – 4,152' (21)

CIBP @ 4,810'

Del. Perfs: 4,956' – 4,978' (45), 5,068' – 5,074' (13)  
IP 0 BO, 113 BW 0 MCFD

5-1/2" @ 5,497'  
w/ 2,325 sx

TD 5,500

Not to Scale  
2/9/06  
JMH

**WELL NAME:** Cordova SWD No. 1 **FIELD:** Wildcat  
**LOCATION:** Unit letter E, 2,005' FNL & 660' FWL Sec 25-24S-27E Eddy County  
**GL:** 3,143.8' **ZERO:** **KB:**  
**SPUD DATE:** 04/13/81 **COMPLETION DATE:** 07/03/81  
**COMMENTS:** API No. 30-015-23751  
 Formally Amoco's State IS No. 1y

#### CASING PROGRAM

8 5/8" 24 # K-55, ST&C	500'
5-1/2" 14# K-55	5,497'

12-1/4" Hole

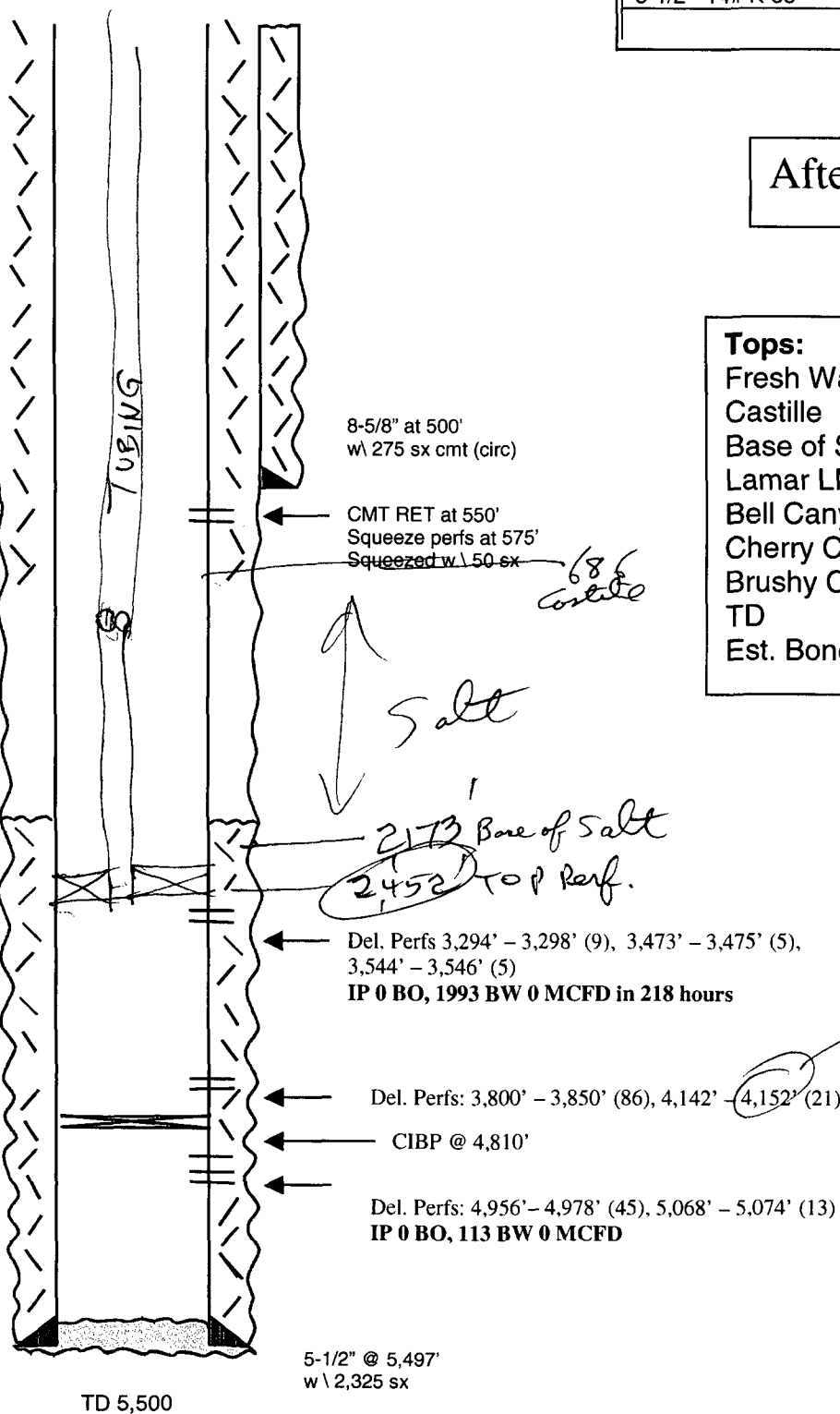
After

#### Tops:

Fresh Water	300'
Castille	686'
Base of Salt	2,173'
Lamar LM	2,376'
Bell Canyon	2,452'
Cherry Canyon	3,196'
Brushy Canyon	4,412'
TD	5,300'
Est. Bone Sp	5,860'

TOC @ 1,920'  
 Off a c-105  
 Filed in 6-16-82

7-7/8" Hole



Not to Scale  
 2/9/06  
 JMH



**Offset Operators**  
**Cordova SWD No. 1**  
**API No. 30-015-23751**  
**Unit E Sec. 25, T24S, R27E**  
**Eddy County, New Mexico**

Petrol Hunt, LLC  
601 Elm Street, Ste 3400  
Thanksgiving Tower  
Dallas, TX 75397

Dominion Exploration & Production  
16945 Northchase Drive  
Houston, TX 77060

Quinoco Petroleum, Inc.  
P.O. Box 378111  
Denver, CO 80237

Chesapeake Operating  
P.O. Box 960161  
Oklahoma City, Oklahoma 73196-0161

Marbob  
P.O. Box 227  
Artesia, New Mexico 88211

EOG Resources, Inc.  
P.O. Box 4362  
Houston, TX 77210-4362

Balk Oil Company, Inc.  
P.O. Box 5782  
Midland, TX 79704

Steve Becker  
3603 Humble  
Midland, TX 79707

Boyd & McWilliams  
550 W. Texas #704  
Midland, TX 79701

Cap Oil Ilimited  
P.O. Box 3273  
Abilene, TX 79604

Chi Energy, Inc.  
P.O. Box 1799  
Midland, TX 79702

McCabe Petroleum Corporation  
500 W. Texas #1110  
Midland, TX 79701

WesTex Drilling Company, LP  
P.O. Box 3739  
Abilene, TX 79604

WTG Exploration, Inc.  
401 W. Wadley Ave.  
Midland, TX 79705

Yosemite Creek Oil & Gas LLC  
3600 S. Yosemite, Ste #810  
Denver, CO 80237

[illegible]

**CORDOVA SWD #1**

LH	Scale: <scale>
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## ATTACHMENT D

**MILLER CHEMICALS, INC.**

Post Office Box 298  
Artesia, N.M. 88211-0298  
(505) 746-1919 Artesia Office  
(505) 392-2893 Hobbs Office  
(505) 746-1918 Fax  
mci@plateautel.net

## WATER ANALYSIS REPORT

Company : YATES PETROLEUM  
Address : ARTESIA, NM  
Lease : KYLIE "AYV"  
Well : #1  
Sample Pt. : WATER TANK

Date : 3/29/06  
Date Sampled : 3/29/06  
Analysis No. : 00865

ANALYSIS		mg/L	* meq/L
1.	pH	5.6	
2.	H2S	0	
3.	Specific Gravity	1.150	
4.	Total Dissolved Solids	281812.5	
5.	Suspended Solids	NR	
6.	Dissolved Oxygen	NR	
7.	Dissolved CO2	NR	
8.	Oil In Water	NR	
9.	Phenolphthalein Alkalinity (CaCO3)		
10.	Methyl Orange Alkalinity (CaCO3)		
11.	Bicarbonate	HCO3 195.0	HCO3 3.2
12.	Chloride	Cl 174660.0	Cl 4926.9
13.	Sulfate	SO4 375.0	SO4 7.8
14.	Calcium	Ca 28800.0	Ca 1437.1
15.	Magnesium	Mg 3079.5	Mg 253.4
16.	Sodium (calculated)	Na 74659.2	Na 3247.5
17.	Iron	Fe 43.8	
18.	Barium	Ba NR	
19.	Strontium	Sr NR	
20.	Total Hardness (CaCO3)	84600.0	

## PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt X meq/L	= mg/L
1437 *Ca <----- *HCO3	Ca(HCO3)2	81.0	259
/----->	CaSO4	68.1	531
253 *Mg -----> *SO4	CaCl2	55.5	1426.1
<-----/	Mg(HCO3)2	73.2	79135
3247 *Na -----> *Cl	MgSO4	60.2	
	MgCl2	47.6	253.4
	NaHCO3	84.0	12061
Saturation Values Dist. Water 20 C	Na2SO4	71.0	
CaCO3 13 mg/L	NaCl	58.4	3247.5
CaSO4 * 2H2O 2090 mg/L			189782
BaSO4 2.4 mg/L			

REMARKS: CORRECTED COPY

*Delaware, Box SPRING 1st*

**MILLER CHEMICALS, INC.**

Post Office Box 298  
Artesia, N.M. 88211-0298  
(505) 746-1919 Artesia Office  
(505) 392-2893 Hobbs Office  
(505) 746-1918 Fax  
mci@plateautel.net

**SCALE TENDENCY REPORT**  
-----

Company	: YATES PETROLEUM	Date	: 3/29/06
Address	: ARTESIA, NM	Date Sampled	: 3/29/06
Lease	: KYLIE "AYV"	Analysis No.	: 00865
Well	: #1	Analyst	: A. MILLER
Sample Pt.	: WATER TANK		

**STABILITY INDEX CALCULATIONS**

(Stiff-Davis Method)

CaCO<sub>3</sub> Scaling Tendency

S.I. =	0.4	at	70 deg. F	or	21 deg. C
S.I. =	0.4	at	90 deg. F	or	32 deg. C
S.I. =	0.4	at	110 deg. F	or	43 deg. C
S.I. =	0.4	at	130 deg. F	or	54 deg. C
S.I. =	0.4	at	150 deg. F	or	66 deg. C

\*\*\*\*\*

**CALCIUM SULFATE SCALING TENDENCY CALCULATIONS**

(Skillman-McDonald-Stiff Method)

Calcium Sulfate

S =	469	at	70 deg. F	or	21 deg. C
S =	505	at	90 deg. F	or	32 deg. C
S =	529	at	110 deg. F	or	43 deg. C
S =	537	at	130 deg. F	or	54 deg. C
S =	537	at	150 deg. F	or	66 deg. C

Respectfully submitted,  
A. MILLER

# ATTACHMENT E

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Return  
(Endorsement)  
Restricted  
(Endorsement)  
Total Post  
Sent To  
Street, Apt.,  
or P.O. Box  
City, State, ZIP

or on the front if space permits.

1. Article Addressed to:

Petrol Hunt, LLC  
1601 Elm Street, Ste 3400  
Thanksgiving Tower  
Dallas, TX 75397

2. Article Number  
(Transfer from service label)

7004 1350 0005 3317 9000

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

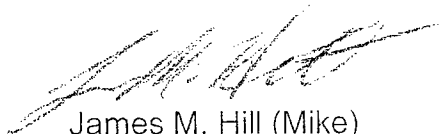
Petrol Hunt, LLC  
601 Elm Street, Ste 3400  
Thanksgiving Tower  
Dallas, TX 75397

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,



James M. Hill (Mike)  
Operations Engineer

Enclosure

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X 

☐ Agent

☐ Addressee

B. Received by (Printed Name)

J. Hardwick

C. Date of Delivery

10 MAR 2006

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☐ Certified Mail

☐ Express Mail

☐ Registered

☐ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

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

1005 3317 5017

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p><b>CERTIFIED MAIL</b> Return Receipt (Endorsement Req) Restricted Delivery (Endorsement) Total Postage: <b>Do</b> Sent To: <b>169</b> Street, Apt. or PO Box: City, State, Zip:</p>		<p>A. Signature: <i>[Signature]</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee B. Received by (Printed Name): C. Date of Delivery: D. Is delivery address different from item 1? <input type="checkbox"/> Yes (If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type: <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	
<p>1. Article Addressed to: <b>Dominion Exploration &amp; Production</b> <b>16945 Northchase Drive</b> <b>Houston, TX 77060</b> <i>Cordova SWC #1</i></p>		<p>2. Article Number (Transfer from service label) <b>7004 1350 0005 3317 9017</b></p>	

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

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

Dominion Exploration & Production  
16945 Northchase Drive  
Houston, TX 77060

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,

James M. Hill (Mike)  
Operations Engineer

Enclosure

MARTIN Y  
1912 -  
FRANK W  
1936 -

**SENDER: COMPLETE THIS SECTION**

- ☒ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- ☒ Print your name and address on the reverse so that we can return the card to you.
- ☒ Attach this card to the back of the mailpiece or on the front if space permits.

1. Article Addressed to:

Dominion & Quinoco Petroleum  
1450 Poydras Street  
New Orleans LA 70112

Cordova #1

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

B. Received by (Printed Name)

Joseph Chon

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Certified Mail ☐ Express Mail
- ☐ Registered ☐ Return Receipt for Merchandise
- ☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

2. Article Number

(Transfer from service label)

7004 1350 0005 3317 8881

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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

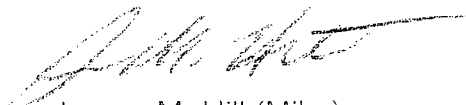
Quinoco Petroleum, Inc.  
P.O. Box 378111  
Denver, CO 80237

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,



James M. Hill (Mike)  
Operations Engineer

Enclosure



SENDER: COMPLETE THIS SECTION

COMPLETE THIS SECTION ON DELIVERY

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
2. Print your name and address on the reverse so that we can return the card to you.  
3. Attach this card to the back of the mailpiece, ~~on~~ on the front if space permits.

1. Article Addressed to:

Chesapeake Energy Corporation  
6100 North Western Ave  
Oklahoma City, OK 73131

2. Article Number  
(Transfer from service label) 7004 1350 0005 3317 8874  
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540


Chesapeake Operating  
P.O. Box 960161  
Oklahoma City, Oklahoma 73196-0161

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,

  
James M. Hill (Mike)  
Operations Engineer

Enclosure

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

A. Signature  ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No  
If YES, enter delivery address below:



3. Service Type ☐ Certified Mail ☒ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p><b>Domestic</b></p> <p>1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</p> <p>2. Print your name and address on the reverse so that we can return the card to you.</p> <p>3. Attach this card to the back of the mailpiece, or on the front if space permits.</p>		<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><i>X [Signature]</i></p>	
<p>1. Article Addressed to:</p> <p>Marbob Energy</p> <p>P.O. Box 227</p> <p>Artesia, NM 88211-0227</p>		<p>B. Received by (Printed Name) <i>Tiffany Starr</i></p> <p>C. Date of Delivery</p>	
<p>2. Article Number <b>7004 1350 0005 3317 9048</b></p> <p>(Transfer from service lab)</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, enter delivery address below:</p>	
<p>3. Service Type</p> <p><input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>		<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	

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

Marbob  
P.O. Box 227  
Artesia, New Mexico 88211

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,

*[Signature]*  
James M. Hill (Mike)  
Operations Engineer

Enclosure

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EOG Resources, Inc.  
 P.O. Box 4362  
 Houston, TX 77210-4362  
*Cordova SWD #1*

2. Article Number

(Transfer from service label)

7004 1350 0005 3317 9055

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- ☐ Agent  
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

- ☐ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

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

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

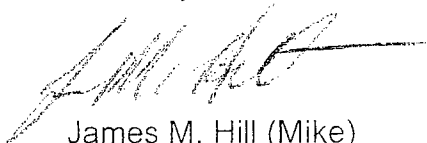
EOG Resources, Inc.  
 P.O. Box 4362  
 Houston, TX 77210-4362

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,



James M. Hill (Mike)  
 Operations Engineer

Enclosure

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Balk Oil Company, Inc.  
P.O. Box 5782  
Midland, TX 79704

2. Article Number

(Transfer from service label)

7004 1350 0005 3317 9062

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☐ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

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

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

Balk Oil Company, Inc.  
P.O. Box 5782  
Midland, TX 79704

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,

James M. Hill (Mike)  
Operations Engineer

Enclosure

**CERTIFIED MAIL**  
Domestic Mail Only

Postage \$ \_\_\_\_\_

Certified Fee \_\_\_\_\_

Return Receipt Fee (Endorsement Required) \_\_\_\_\_

Restricted Delivery Fee (Endorsement Required) \_\_\_\_\_

Total Postage \_\_\_\_\_

Sent To: Steve Becker  
3603 Humble  
Midland, TX

Street, Apt. or P.O. Box \_\_\_\_\_

City, State \_\_\_\_\_

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Steve Becker  
3603 Humble  
Midland, TX 79707

*Cordova SWD #1 H1*

2. Article Number  
(Transfer from service label)

7004 1350 0005 3317 9086

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) *Steve Becker* C. Date of Delivery *3/9/06*

D. Is delivery address different from item 1? ☐ Yes ☐ No  
If YES, enter delivery address below:

3. Service Type

☐ Certified Mail ☐ Express Mail

☐ Registered ☐ Return Receipt for Merchandise

☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

S. P. YATES  
MAN OF THE BOARD

JOHN A. YATES  
PRESIDENT

RYTON YATES  
JOINT VICE PRESIDENT

JOY G. PATTERSON  
SECRETARY

ANNIS G. KINSEY  
TREASURER

Steve Becker  
3603 Humble  
Midland, TX 79707

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,

*[Signature]*  
James M. Hill (Mike)  
Operations Engineer

Enclosure



## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Cap Oil Limited  
P.O. Box 3273  
Abilene, TX 79604

*Cordova SWD #1*

2. Article Number

(Transfer from service label)

7004 1350 0005 3317 9109

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

*Carla Dickie*☐ Agent☐ Addressee

B. Received by (Printed Name)

*CARLA DICKIE*

C. Date of Delivery

*3-8-02*D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☐ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

PS Form 3811, February 2004

Domestic Return Receipt

102585-02-M-1540

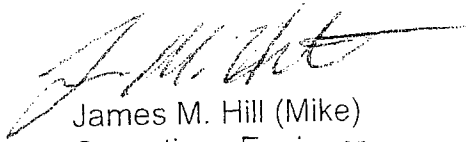
Cap Oil Limited  
P.O. Box 3273  
Abilene, TX 79604

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,



James M. Hill (Mike)  
Operations Engineer

Enclosure

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

## SENDER: COMPLETE THIS SECTION

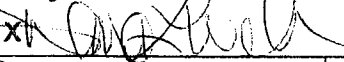
- ☒ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
☒ Print your name and address on the reverse so that we can return the card to you.  
☒ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Chi Energy, Inc.  
P.O. Box 1799  
Midland, TX 79702

## COMPLETE THIS SECTION ON DELIVERY

A. Signature



- ☐ Agent  
☐ Addressee

B. Received by (Printed Name)



C. Date of Delivery

3-7-06

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes2. Article Number  
(Transfer from service label)

7004 1350 0005 3317 9116

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

Chi Energy, Inc.  
P.O. Box 1799  
Midland, TX 79702

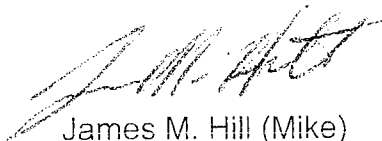
S. P. YATES  
 CHAIRMAN OF THE BOARD  
 JOHN A. YATES  
 PRESIDENT  
 PEYTON YATES  
 EXECUTIVE VICE PRESIDENT  
 RANDY G. PATTERSON  
 SECRETARY  
 DENNIS G. KINSEY  
 TREASURER

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,



James M. Hill (Mike)  
Operations Engineer

Enclosure



7004 1350 0005 3317 8966

U.S. Postal Service  
CERTIFIED MAIL  
By Registered Mail

Postage  
Certified Fee  
Return Receipt Fee (Endorsement Required)  
Restricted Delivery Fee (Endorsement Required)  
Total

McCabe Petroleum Corporation  
500 W. Texas #1110  
Midland, TX 79701

Street or P.O. Box  
City, St.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

McCabe Petroleum Corporation  
500 W. Texas #1110  
Midland, TX 79701

2. Article Number

(Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Heather Chapman*

☐ Agent  
☐ Addressee

B. Received by (Printed Name)

Heather Chapman

C. Date of Delivery

3/26/88

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

McCabe Petroleum Corporation  
500 W. Texas #1110  
Midland, TX 79701

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

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,

*James M. Hill*  
James M. Hill (Mike)  
Operations Engineer

Enclosure

U.S. POST  
FIRST CLASS  
Domestic Mail  
Permitted Mail  
OF

Postage

Certified Mail  
Return Receipt  
(Endorsement Required)

Restricted Delivery  
(Endorsement Required)

Total Postage

Sent To  
Street, Apt.  
or PO Box  
City, State

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

WesTex Drilling Company, LP  
P.O. Box 3739  
Abilene, TX 79604

*Cordova SWD #1*

2. Article Number  
(Transfer from service label)

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
**X** *P. Robbins* ☐ Agent ☐ Addressee

B. Received By (Printed Name) *P. Robbins* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

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

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

WesTex Drilling Company, LP  
P.O. Box 3739  
Abilene, TX 79604

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,

*James M. Hill*  
James M. Hill (Mike)  
Operations Engineer

Enclosure

**CERTIFIED MAIL**  
**OFFICE**

Postage \$ \_\_\_\_\_

Certified Fee \_\_\_\_\_

Return Receipt Fee (Endorsement Required) \_\_\_\_\_

Restricted Delivery Fee (Endorsement Required) \_\_\_\_\_

Total \_\_\_\_\_

Sent by \_\_\_\_\_

Street or P.O. \_\_\_\_\_

City, State, ZIP \_\_\_\_\_

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

WTG Exploration, Inc.  
 401 W. Wadley Ave.  
 Midland, TX 79705

*Cordova SWD #1*

2. Article Number (Transfer from service label)

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *Kim Stephens* ☐ Agent ☐ Addressee

B. Received by (Printed Name) *Kim Stephens*

C. Date of Delivery *2/1/04*

D. Is delivery address different from item 1? ☐ Yes ☐ No  
 If YES, enter delivery address below:

3. Service Type

☐ Certified Mail ☐ Express Mail

☐ Registered ☐ Return Receipt for Merchandise

☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

YATES  
 N OF THE BOARD  
 A. YATES  
 RESIDENT  
 ON YATES  
 VICE PRESIDENT  
 J. PATTERSON  
 SECRETARY  
 S G. KINSEY  
 TREASURER

PS Form 3811, February 2004  
 401 W. Wadley Ave.  
 Midland, TX 79705

Domestic Return Receipt

102595-02-M-1540

Gentlemen;

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Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,

*James M. Hill*  
 James M. Hill (Mike)  
 Operations Engineer

Enclosure

U.S. Postal Service  
**CERTIFIED MAIL**  
(Domestic Mail Only)  
For delivery information visit **OFFICIAL**

**SENDER: C**

☒ Complete item 4 if Restricted Delivery is desired.  
☒ Print your name and address on the reverse so that we can return the card to you.  
☒ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
Yosemite Creek Oil & Gas LLC  
3600 S. Yosemite, Ste #810  
Denver, CO 80237  
*Cordova SWD #1*

2. Article Number (Transfer from service label)  
7004 1350 0005 3317 8997

3. Service Type  
☒ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

B. Received by (Printed Name)  
*B. Rootes*

C. Date of Delivery  
*16 MAR 06*

D. Is delivery address different from item 1? ☒ Yes  
If YES, enter delivery address below:  
*4350 S. MONACO ST.  
DENVER, CO 80237*

Postage \$  
Certified Fee  
Return Receipt Fee (Endorsement Required)  
Restricted Delivery Fee (Endorsement)  
Total Postage  
Sent To  
Street, Apt. # or PO Box #  
City, State, Z.

Yosemite Creek Oil & Gas LLC  
3600 S. Yosemite, Ste #810  
Denver, CO 80237

S. P. YATES  
MAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
EYTON YATES  
VICE PRESIDENT  
JOY G. PATTERSON  
SECRETARY  
ENNIS G. KINSEY  
TREASURER

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

Gentlemen;

Enclosed please find a copy of form C-108 (Application for Authority to Inject) on Yates Petroleum Corporation Cordova SWD #1 located in Unit E, Section 25-T24S-R27E of Eddy County New Mexico.

Should you have any questions, please feel free to contact me at (505) 748-4219.

Sincerely,

  
James M. Hill (Mike)  
Operations Engineer

Enclosure

ATTACHMENT F

**Affidavit of Publication**

NO. 19179

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 county and state, and that the here to 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 Consecutiv week/days on the same  
day as follows:

First Publication March 5 2006

Second Publication

Third Publication

Fourth Publication

Subscribed and sworn to before me this

6th Day March 2006

*Barbara Ann Boax*

Notary Public, Eddy County, New Mexico

My Commission expires September 23, 2007

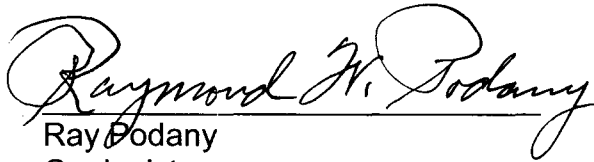
**Copy of Publication:**

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 Cordova SWD No. 1 located in 2005' FNL & 660' FWL, Unit E, Section 25, Township 24 South, Range 27 East of Eddy County, New Mexico, will be used for salt-water disposal. Disposal waters from the Delaware Sands will be re-injected into the Delaware Sand at a depth of 2452'-4, 152' with a maximum pressure of 1526 psi and a maximum rate of 5000 BWPd. All interested parties opposing the forementioned must file objections or requests for a hearing with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505-5472, within 15 days. Additional information can be obtained by contacting James M. Hill at (505) 748-4219. Published in the Artesia Daily Press, Artesia, N.M. March 5, 2006. Legal 19179

**Attachment G**

C-108 Application for Authorization to Inject  
Yates Petroleum Corporation  
Cordova SWD No. 1  
API No. 30-015-23751  
Unit E Sec. 25, T24S, R27E  
Eddy County, New Mexico

Available engineering and geological data have been examined and no evidence of open faults of hydrologic connection between the disposal zone and any underground sources of drinking water has been found.



Ray Godany

Geologist

Yates Petroleum Corporation

3-1-2006

Date

# Injection Permit Checklist

SWD Order Number \_\_\_\_\_ Dates: Division Approved \_\_\_\_\_ District Approved \_\_\_\_\_

Well Name/Num: Cordova SWD #1 (Amoco's State IS #1Y) Date Spudded: 4/15/81

API Num: (30-) 015-2351 County: EDDY

Footages 2005 FNL/660 FWL Sec 25 Tsp 24S Rge 27E

Operator Name: Yates Petroleum Corporation Contact MIKE HILL

Operator Address: 105 S. 4th St ARIZONA NM 88210

	Hole/Pipe Sizes	Depths	Cement	Top/Method
Surface	8 5/8	500'	275	CIRC
Intermediate				
Production	7 7/8 - 5 1/2	5497'	2325 SX	
Last DV Tool				
Open Hole/Liner				
Plug Back Depth				

Diagrams Included (Y/N): Before Conversion N After Conversion N

Checks (Y/N): ELogs in Imaging NO Well File Reviewed Yes

Intervals:	Depths	Formation	Producing (Yes/No)
<del>Salt Potash</del>	<u>OK</u>		
Capitan Reef	<u>OK</u>		
In Reef, Cliff House, Etc:			
Formation Above			
Top Inj Interval	<u>2452</u>	<u>Delaware (Bell)</u>	
Bottom Inj Interval	<u>4152</u>	<u>Delaware (Cherry)</u>	
Formation Below	<u>Brushy Canyon @ 4412</u>		

Fresh Water FROM 180-365'

Scrub 1-2 at 2348-4978  
OLD pays 2348-4978

490 PSI Max. WHIP  
Open Hole (Y/N)  
Deviated Hole (Y/N)

Water Analysis Included (Y/N): Fresh Water N Injection Zone OK Disposal Waters OK

Affirmative Statement Included (Y/N): Y

Surface Owner WHO Mineral Owner(s) \_\_\_\_\_

Checks (Y/N): Newspaper Notice Yes Well Table ✓ Adequate Well Table ✓

Adequate Certified Notice: Surface Owner \_\_\_\_\_ AOR Owners \_\_\_\_\_ CID/Potash/Others \_\_\_\_\_

AOR Num Active Wells 0 Repairs? \_\_\_\_\_ Producing in Injection Interval \_\_\_\_\_

AOR Number of P&A Wells 0 Diagrams Included? N Repairs Required? \_\_\_\_\_

708' deep AOR well

Data to Generate New AOR Table

N New Table Generated? (Y/N)

	STR	E-W Footages	N-S Footages
Wellsite			
Northeast			
North			
Northwest			
West			
Southwest			
South			
Southeast			
East			

Conditions of Approval:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

RBDMS Updated (Y/N) ✓

UIC Form Completed (Y/N) ✓

This Form completed 4/20/06

**Jones, William V., EMNRD**

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**From:** Mike Hill [mhill@YPCNM.COM]  
**Sent:** Wednesday, April 12, 2006 11:10 AM  
**To:** Jones, William V., EMNRD  
**Subject:** RE: SWD Application: Cordova SWD #1  
**Attachments:** How to UNZIP.html; CordovaSWD1before.txt

Hello William Jones;

Here are copies of the Wellbore sketches that should have been included with the information that I sent to you for the Cordova SWD no. 1 well. The wellbore sketches include tops picked by the Geologist. The TOC was taken from a C-105 that was filed On 06-16-82 as we do not have a cement bond log. One again my apologies for omitting the sketches

We do not have a paper copy of the logs. I have attached an electronic copy of the dual latter log and a sonic log, both 2" scale. I can print a paper copy from the images that I am sending you and take them to Hobbs, if necessary.

The Surface owner is The State of New Mexico.

The state lessee is a Claramai R. Hayhurst.  
 Here address id P.O. Box 94 Malaga, NM 88263  
 The lease No. is GS 1623.

I believe that we have to make a deal with her to get a business lease after we get an authorization to inject.

*Mike Hill*  
 505-748-4219 Office  
 505-365-8706 Cell

-----Original Message-----

**From:** Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]  
**Sent:** Tuesday, April 11, 2006 3:41 PM  
**To:** Mike Hill  
**Cc:** Arrant, Bryan, EMNRD; Ezeanyim, Richard, EMNRD; Sanchez, Daniel J., EMNRD  
**Subject:** SWD Application: Cordova SWD #1

Hello Mike Hill:

Received your application to inject on April 3rd on behalf of Yates Petroleum Corporation and after reviewing, have the following requests:

- 1) Please send before and after conversion wellbore diagrams of this well.
- 2) Who is the surface owner?
- 3) Please have a geologist supply the formation tops from the Rustler anhydrite down to the Bone Spring including members of the Delaware and the top and bottom of the Salt.
- 4) Please send copies of all electric logs and CBLs on this well with API number on the logs to the Hobbs District office in Hobbs for scanning into our system. Artesia does not have a log scanner.

Thank You,

4/12/2006