

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', written over a horizontal line.

James M. Hill (Mike)
Operations Engineer

Enclosure

2006 APR 3 PM 1

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM 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 4th 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:
- 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.).
- *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

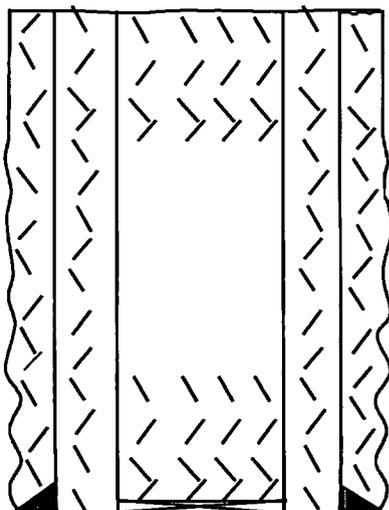
COMMENTS: API No. 30-015-23751

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'

12-1/4" Hole



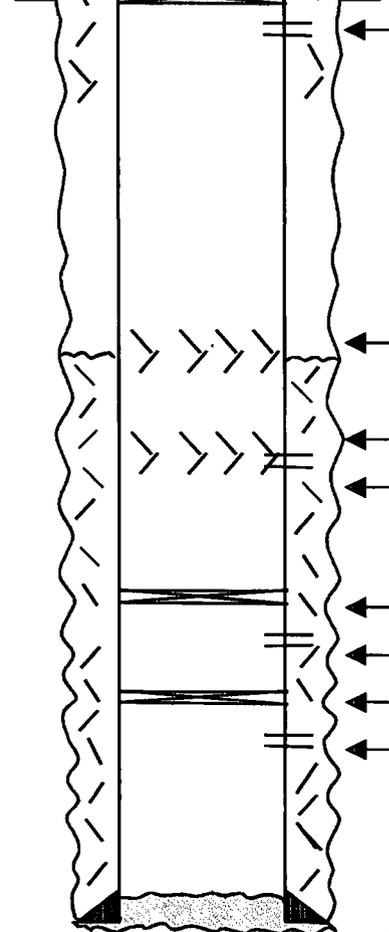
8-5/8" at 500'
w\ 275 sx cmt (circ)

CMT RET at 550'
Squeeze perms at 575'
Squeezed w\ 50 sx

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'

7-7/8" Hole



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

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

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

TD 5,500

Not to Scale
2/9/06
JMH

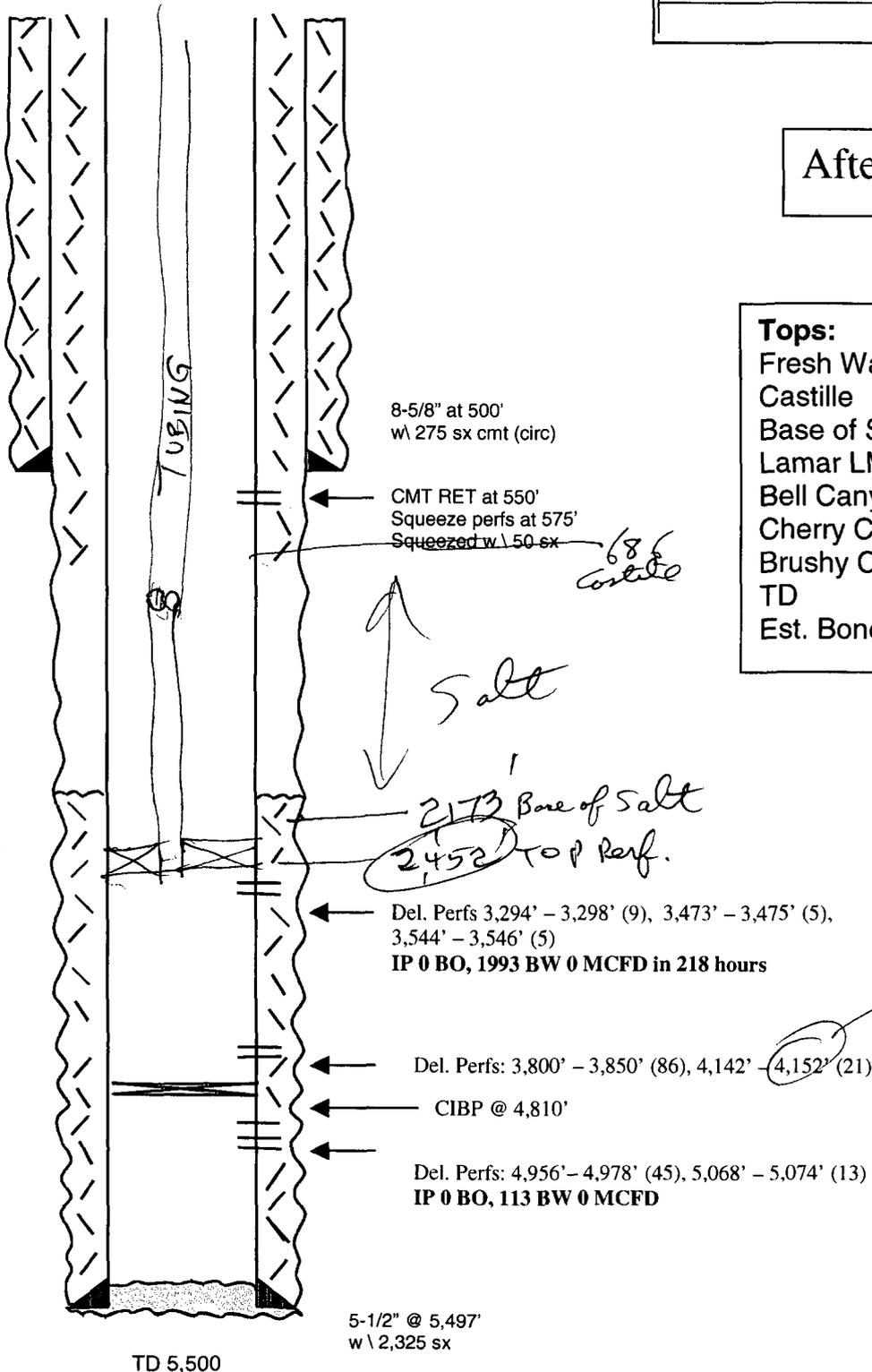
WELL NAME: Cordova SWD No. 1 **FIELD:** Wildcat
LOCATION: Unit letter E, 2,005' FNL & 660' FWL Sec 25-24S-27E Eddy County
GL: 3,143.8' **ZERO:** **KB:** **CASING PROGRAM**
SPUD DATE: 04/13/81 **COMPLETION DATE:** 07/03/81
COMMENTS: API No. 30-015-23751
 Formally Amoco's State IS No. 1y

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



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

7-7/8" Hole

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

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

*686
Castile*

*2,173 Base of Salt
2,452 TOP Perf.*

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

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

Bottom Perf

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

TD 5,500

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

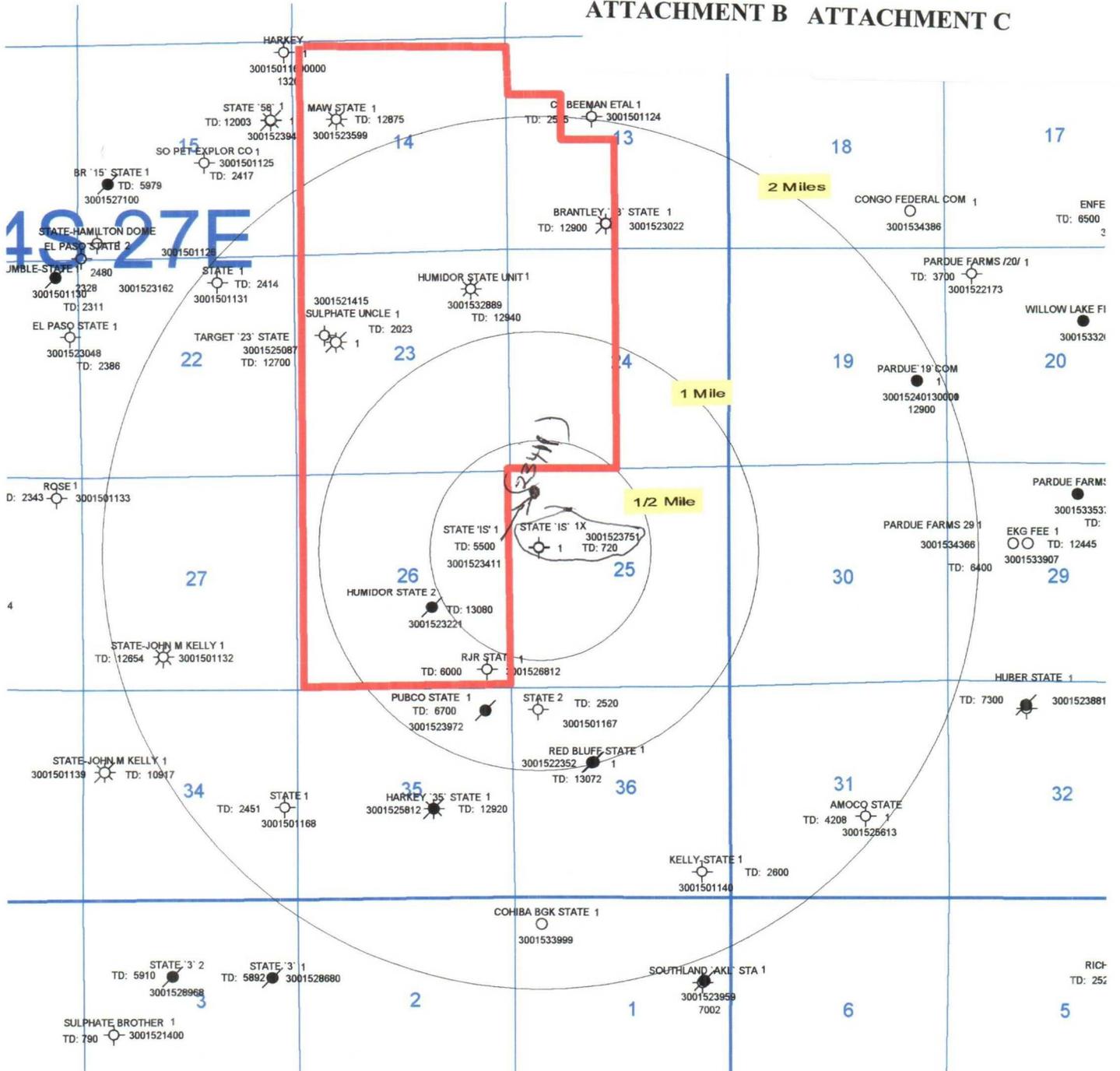
Chi Energy, Inc.
P.O. Box 1799
Midland, TX 79702

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



YATES PETROLEUM		
CORDOVA SWD #1		
Author: Debbie Chavez		Date: 17 February, 2006
LH	Scale: <scale>	

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

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	

Delaware, Box SPRING

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt X meq/L	= mg/L
1437	*Ca <----- *HCO3	3.2	259
	/----->	7.8	531
253	*Mg -----> *SO4	1426.1	79135
	<-----/	73.2	
3247	*Na -----> *Cl	4927	
		60.2	
		47.6	253.4 12061
Saturation Values Dist. Water 20 C		84.0	
CaCO3		71.0	
CaSO4 * 2H2O		58.4	3247.5 189782
BaSO4			

REMARKS: CORRECTED COPY



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)
 CaCO₃ Scaling Tendency

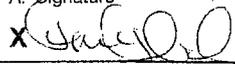
S.I. = 0.4 at 70 deg. F or 21 deg. C
 S.I. = 0.4 at 90 deg. F or 32 deg. C
 S.I. = 0.4 at 110 deg. F or 43 deg. C
 S.I. = 0.4 at 130 deg. F or 54 deg. C
 S.I. = 0.4 at 150 deg. F or 66 deg. C

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

COMPLETE THIS SECTION ON DELIVERY	
A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee 	
B. Received by (Printed Name) J. Hardwick	C. Date of Delivery 10 MAR 2006
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	

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

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1. Article Addressed to:
 Return (Endorsement)
 Restricted (Endorsement)
 Total Post
 Sent To
 Street, Apt. or PO Box
 City, State

Petrol Hunt, LLC
 1601 Elm Street, Ste 3400
 Thanksgiving Tower
 Dallas, TX 75397
 Cordova SWD #1

2. Article Number (Transfer from service label) 7004 1350 0005 3317 9000

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

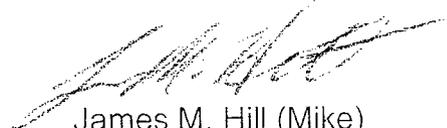
Petrol Hunt, LLC
 601 Elm Street, Ste 3400
 Thanksgiving Tower
 Dallas, TX 75397

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

1105 3337 5017

CERTIFIED MAIL
 Restricted Delivery

Return Recipient (Endorsement Req)
 Restricted Delivery (Endorsement)

Total Postage: **DoI**
 Sent To: **169**
 Street, Apt. or PO Box: **Hot**
 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:

Dominion Exploration & Production
16945 Northchase Drive
Houston, TX 77060
Cordova SWD #1

2. Article Number (Transfer from service label) **7004 1350 0005 3317 9017**

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee
[Signature]

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

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

Dominion Exploration & Production
 16945 Northchase Drive
 Houston, TX 77060

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

Sincerely,

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

Enclosure

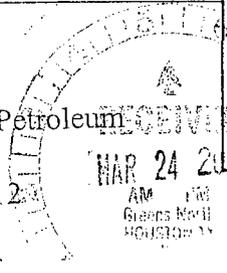
MARTIN Y
1912 -
FRANK W
1936 -

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
 Agent
 Addressee
Joseph Chavez

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

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

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;

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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

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- 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, ~~glue~~ 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)
 PS Form 3811, February 2004

Domestic Return Receipt

7004 1350 0005 3317 8874

102595-02-N-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 <input checked="" type="checkbox"/> <i>[Signature]</i>		<input type="checkbox"/> Agent
B. Received by (Printed Name) <i>[Signature]</i>		<input type="checkbox"/> Addressee
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 checked="" 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		

Certified
 (Domestic)
 Return Receipt
 (Endorsement Fee)
 Restricted Delivery
 (Endorsement Fee)
 Total Postage
 Sent To
 Street, Apt.
 or PO Box
 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:
 Marbob Energy
 P.O. Box 227
 P.O. Artesia, NM 88211-0227
 Cordova SWD #1

COMPLETE THIS SECTION ON DELIVERY
 A. Signature Agent Addressee
 X *[Signature]*
 B. Received by (Printed Name) *Tatany Starr*
 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

2. Article Number **7004 1350 0005 3317 9048**
 (Transfer from service label)
 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

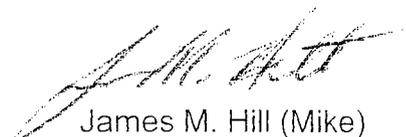
Marbob
 P.O. Box 227
 Artesia, New Mexico 88211

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,


 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

James M. Hill

- Agent
- Addressee

B. Received by (Printed Name)

James M. Hill

C. Date of Delivery

3/7/06

D. Is delivery address different from item 1?

If YES, enter delivery address below:

- Yes
- 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

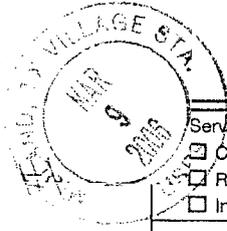
James M. Hill (Mike)
 Operations Engineer

Enclosure

U.S. POST
CERT
Domestic
First-Class
Return Recd
(Endorsement Fr.)
Restricted Deliv
(Endorsement Fr.)
Total Post
Sent To
B:
P.
M
Street, Apt. 1
or PO Box #
City, State, Z

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none">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.		A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to:		B. Received by (Printed Name) Mike Hill	C. Date of Delivery
2. Article Number (Transfer from service label)		D. Is delivery address different from item 1? If YES, enter delivery address below: <input type="checkbox"/> Yes <input type="checkbox"/> No	
3. Article Number (Transfer from service label)		Service Type <input checked="" 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 <input type="checkbox"/> No	

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



Cordova SWD

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

OFFER

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent Addressee

[Signature]

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

Steve Becker

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
JHN A. YATES
PRESIDENT
EYTON YATES
VICE PRESIDENT
JOY G. PATTERSON
SECRETARY
ANNIS G. KINSEY
TREASURER

2. Article Number (Transfer from service label) **7004 1350 0005 3317 9086**

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

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

UNITED STATES POSTAL SERVICE

Registered Mail
 Restricted Delivery
 Certified
 Return Receipt (Endorsement Required)
 Restricted Delivery (Endorsement Required)
 Total Postage **B**
 Sent To **5**
 Street, Apt. No., or PO Box No. **M**
 City, State, ZIP+4

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:

Boyd & McWilliams
 550 W. Texas #704
 Midland, TX 79701
 Cordova SWD #1

2. Article Number
 (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Agent
 Addressee

B. Received by (Printed Name)
 W. M. HILL

C. Date of Delivery
 3/1

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

7004 1350 0005 3317 9093

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

Boyd & McWilliams
 550 W. Texas #704
 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 (Mike)
 Operations Engineer

Enclosure

MAIL SERVICE CENTER
CERTIFIED (Domestic)
For Delivery
Return Recd. (Endorsement Fee)
Restricted Deliv. (Endorsement Fee)
Total Postage
Sent To
Street, Apt. 1 or P.O. Box; N
City, State, Z
PS Form 3811

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

Carla Dokie

- Agent
- Addressee

B. Received by (Printed Name)

CARLA DOKIE

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

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

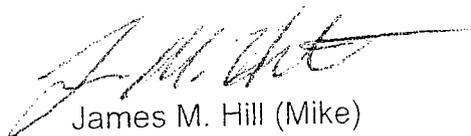
Cap Oil Limited
P.O. Box 3273
Abilene, TX 79604

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

POSTAGE WILL BE PAID BY ADDRESSEE

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:

Return to (Endorser)

Restricted Delivery (Endorser)

Total Postage

Sent To

Street, Apt. 1 or PO Box, N

City, State, Z

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

Cordova SWDH1

2. Article Number
 (Transfer from service label)

7004 1350 0005 3317 9116

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Handwritten Signature]

- Agent
- Addressee

B. Received by (Printed Name)

[Handwritten Name]

C. Date of Delivery

3-7-06

D. Is delivery address different from item 1?

Yes

If YES, enter delivery address below: No

3. Service Type

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

4. Restricted Delivery? (Extra Fee)

Yes

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,

[Handwritten Signature]

James M. Hill (Mike)
 Operations Engineer

Enclosure

7004 1350 0005 3317 8966

U.S. Postal
CERTIFIED
FIRST CLASS MAIL

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

McCabe Pe
500 W. Tex
Midland, T

Semi Tr
Street
or P.O.
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
Cordova SWD #1

2. Article Number
(Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Heather Chappell Agent Addressee

B. Received by (Printed Name)
Heather Chappell

C. Date of Delivery
3 7 06 80

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

7004 1350 0005 3317 8966

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

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

POSTAL SERVICE
CERTIFIED MAIL
 First-class Mail only, No
OFFICE
 Postage \$
 Certified Fee
 Return Receipt Fee
 (Endorsement Required)
 Restricted Delivery Fee
 (Endorsement Required)
 Total
 Sent by
 Street
 or PO
 City

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)

7004 1350 0005 3317 8980

COMPLETE THIS SECTION ON DELIVERY

A. Signature
Kim Stephens
 Agent
 Addressee
 B. Received by (Printed Name)
Kim Stephens
 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

YATES
 N OF THE BOARD
 A. YATES
 RESIDENT
 ON YATES
 VICE PRESIDENT
 S. PATTERSON
 RETARY
 S G. KINSEY
 REASURER

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540
 401 W. Wadley Ave.
 Midland, TX 79705

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. Postal Service
CERTIFIED MAIL
 (Domestic Mail Only)
 For delivery information visit **OFFICE**

SENDER: c

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

Sent To
 Yosemite C
 3600 S. Yo:
 Denver, CO

Street, Apt. # or PO Box #
 City, State, Z.

PS Form 3811, February 2004

- 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

X

B. Received by (Printed Name) B. Rootes C. Date of Delivery 16 MAR 06

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

4350 S. MONAQUO ST.
DENVER, CO 80237

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 7004 1350 0005 3317 8997
 (Transfer from service label)

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

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540
 3600 S. Yosemite, Ste #810
 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

ATTACHMENT F

Affidavit of Publication

NO. 19179

Copy of Publication:

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

Handwritten signature of Gary D. Scott

Subscribed and sworn to before me this

6th Day March 2006

Handwritten signature of Barbara Ann Boax

Notary Public, Eddy County, New Mexico

My Commission expires September 23, 2007

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 Todany
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-) 015-23751 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 7/8	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 N Well File Reviewed Y

Fresh Water FROM 180-365

Intervals:	Depths	Formation	Producing (Yes/No)
Salt/Potash	<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>Brewster Canyon @ 4412</u>		

Scrub Test at 2348
OLD Puffs 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

Ecol Sample During Conversion

Surface Owner WHO Mineral Owner(s) _____

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

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 1 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:

1. _____
2. _____
3. _____

RBDMS Updated (Y/N) Y

UIC Form Completed (Y/N) Y

This Form completed 4/22/06

Jones, William V., EMNRD

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 is 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,