

RECEIVED

JUN 6 1995

Oil Conservation Division

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☒ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: Yates Petroleum Corporation
Address: 105 South 4th Street Artesia, New Mexico 88210
Contact party: _____ Phone: _____
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- * VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- * XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification
- I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- Name: Pinson McWhorter Title Reservoir Engineering Supervisor
Signature: *Pinson McWhorter* Date: June 1, 1995
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. _____

C-108
Application for Authorization to Inject
Yates Petroleum Corporation
Chaves County, New Mexico

Trailblazer ANL State #2
Unit H Sec 11-8S-27E

I. The purpose of this well will be to reinject produced San Andres gas into the San Andres formation as part of a gas storage project in Acme San Andres Southeast.

II. Operator: Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210
Pinson McWhorter
(505) 748-1471

III. Well Data: See Attachment A

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

V. See attached map, Attachment B.

VI. Area of Review Well Data: See Attachment C.

VII. 1. The proposed average daily injection volume will be approximately 400 MCFD.

The maximum daily injection volume is estimated to be 400 MCFD.

2. The system will be a closed system.

3. The proposed average injection pressure is estimated to be 500 psi.

The proposed maximum injection pressure is estimated to be 500 psi.

4. The source of injection gas will be produced gas from Acme San Andres Southeast.

VIII. 1. The injection zone will be the P1 of the San Andres. The San Andres dolomite is a finely crystalline, tan to light grey reservoir rock, sandy textured with porosity development consisting of small vugs and fractures. The average depth of the top of the P1 zone of the San Andres is 2140' with a thickness of approximately 55'. Fresh water zones overlay the San Andres at depths of approximately 300'.

- IX. The proposed injection interval will have no further stimulation.
- X. Well log data is on file with the Oil Conservation Division.
- XI. No fresh water wells were located within one mile of the proposed injection well.
- XII. Yates Petroleum has examined available geologic and engineering data and has found no evidence of open faults or other hydrologic connection between the injection zone and any underground source of drinking water

ATTACHMENT A

TRAILBLAZER GAS STORAGE PROJECT

FORM C-108

WELL DATA

1 - Next Higher
Oil/Gas Zone

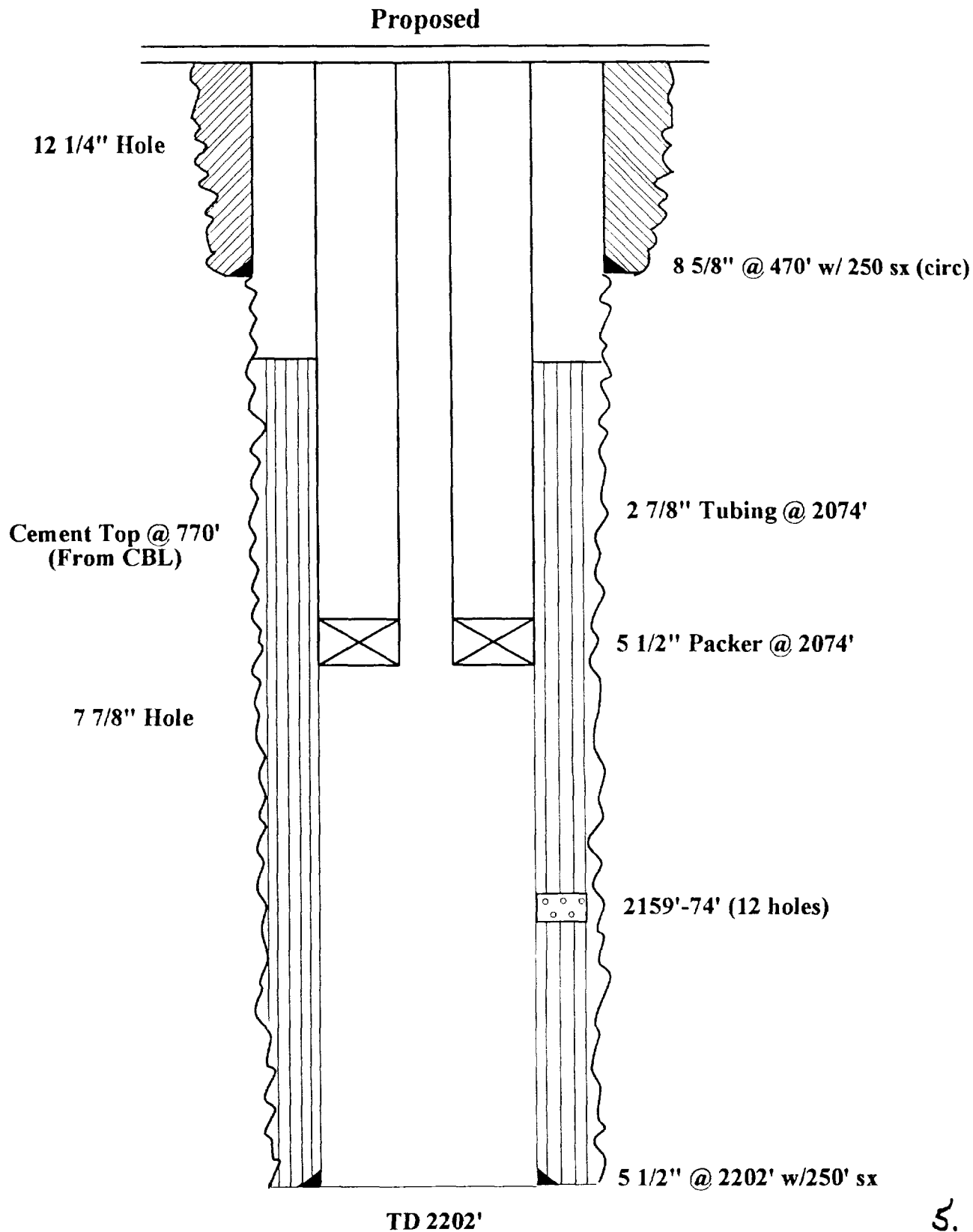
<u>Lease Name & Location</u>	<u>Casing Tubing & Packer Data</u>	<u>Injection Formation</u>	<u>Injection Interval Perforation</u>	<u>2 - Next Higher Oil/Gas Zone</u>
Trailblazer ANL State #2	8-5/8" @ 470' w/250 sx (circ)	San Andres	2159' - 2174'	1 - None
Unit H, Sec 11-8S-27E	5-1/2" @ 2202' w/250 sx (TOC 770' CBL)			2 - Ordovician
2310' FNL & 330' FEL	2-7/8" @ 2074'			
(Originally Oil Well Test)	Packer @ 2074'			

Attachment A

Trailblazer ANL State #2

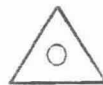
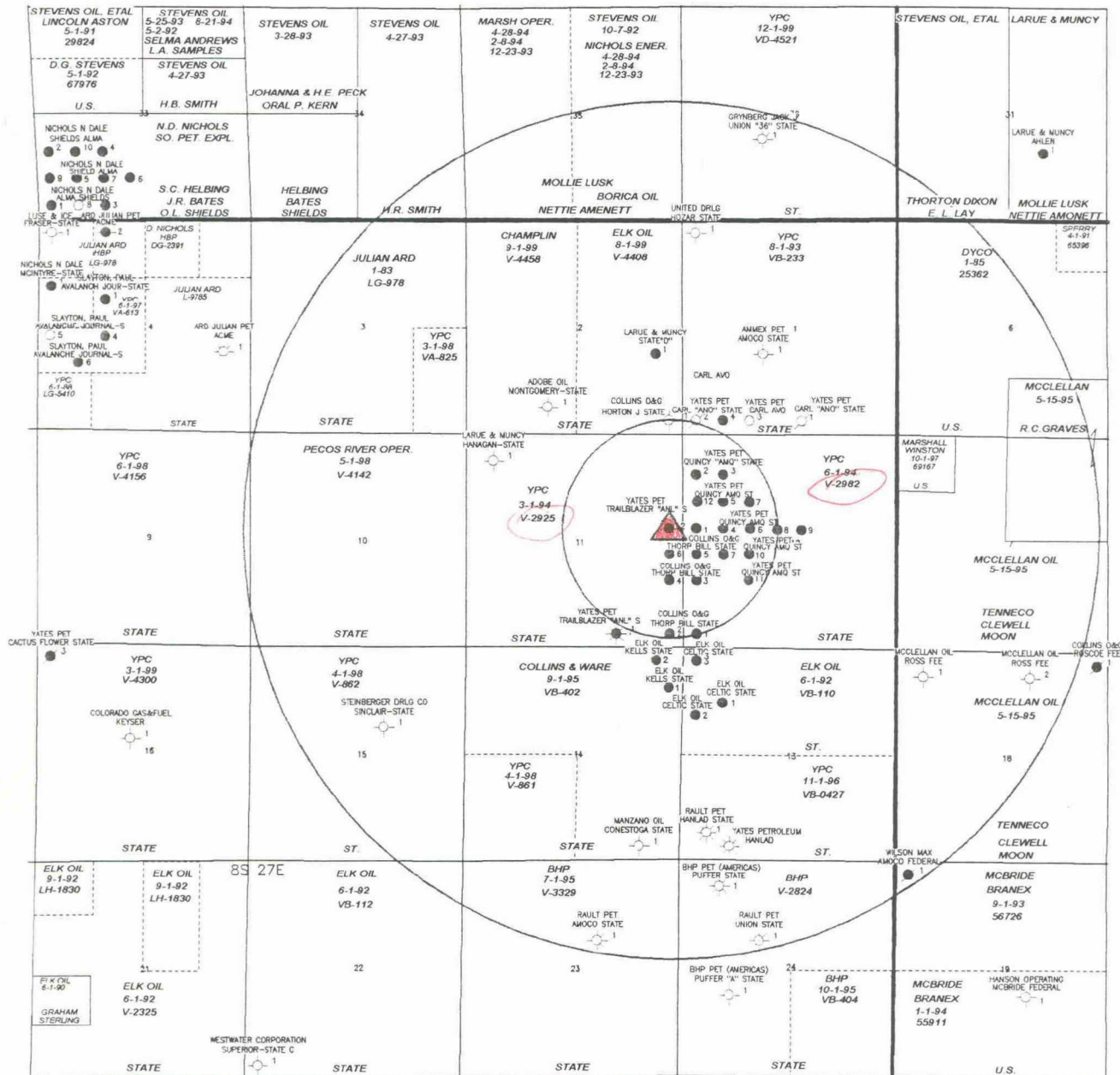
H 11-8S-27E

2310' FNL & 330' FEL



R27E

R28E

T
7
ST
8
S

PROPOSED INJECTION WELL

Yates Petroleum Corporation

PROPOSED INJECTION WELL
 TRAILBLAZER "ANL" ST. #2
 SEC. 11-8S-27E UNIT H 2310'FNL & 330'FEL
 CHAVES COUNTY, NEW MEXICO

JFC108-PLAT

6/1/95

JFTRLBZR.GPF

Scale 1:48000.

ATTACHMENT B

6.

TRAILBLAZER GAS STORAGE PROJECT
Form C-108
Tabulation of Data on Wells Within Area of Review

WELL NAME	OPERATOR	TYPE	SPUD	COMPLETED	TOTAL DEPTH	PRODUCING ZONE	PERFORATIONS	CASING & CEMENTING INFORMATION
Quincy AMQ State #1 Unit E, Sec 12-8S-27E 2310' FNL & 330' FWL	Yates Petroleum Corporation	Oil	07/26/93	08/06/93	2195'	San Andres	2143' - 2186'	13-3/8" @ 10' w/cement to surface 8-5/8" @ 475' w/250 sx (circulated) 5-1/2" @ 2195' w/250 sx (TOC 1100' CBL)
Quincy AMQ State #2 Unit D, Sec 12-8S-27E 990' FNL & 330' FWL	Yates Petroleum Corporation	Oil	08/02/93	08/14/93	2203'	San Andres	2172' - 2189'	13-3/8" @ 10' w/cement to surface 8-5/8" @ 450' w/250 sx (circulated) 5-1/2" @ 2203' w/250 sx (TOC 800' CBL)
Quincy AMQ State #3 Unit D, Sec 12-8S-27E 990' FNL & 990' FWL	Yates Petroleum Corporation	Oil	08/25/93	09/04/93	2220'	San Andres	2180' - 2199'	13-3/8" @ 6' w/cement to surface 8-5/8" @ 460' w/250 sx (circulated) 5-1/2" @ 2220' w/250 sx (TOC 1200' CBL)
Quincy AMQ State #4 Unit E, Sec 12-8S-27E 2310' FNL & 990' FWL	Yates Petroleum Corporation	Oil	01/13/95	01/27/95	2214'	San Andres	2150' - 2192'	13-3/8" @ 5' w/cement to surface 8-5/8" @ 448' w/280 sx (circulated) 5-1/2" @ 2214' w/350 sx (TOC 846' CBL)
Quincy AMQ State #5 Unit E, Sec 12-8S-27E 1650' FNL & 990' FWL	Yates Petroleum Corporation	Oil	01/18/95	02/01/95	2218'	San Andres	2157' - 2202'	13-3/8" @ 5' w/cement to surface 8-5/8" @ 447' w/250 sx (circulated) 5-1/2" @ 2218' w/300 sx (TOC 461' calc)
Quincy AMQ State #6 Unit F, Sec 12-8S-27E 2310' FNL & 1650' FWL	Yates Petroleum Corporation	Oil	02/08/95	02/21/95	2220'	San Andres	2154' - 2194'	8-5/8" @ 464' w/250 sx (circulated) 5-1/2" @ 2220' w/300 sx (TOC 463' calc)
Quincy AMQ State #7 Unit F, Sec 12-8S-27E 1650' FNL & 1650' FWL	Yates Petroleum Corporation	Oil	03/09/95	04/13/95	2225'	San Andres	2169' - 2197'	8-5/8" @ 460' w/250 sx (circulated) 5-1/2" @ 2225' w/350 sx (circulated)

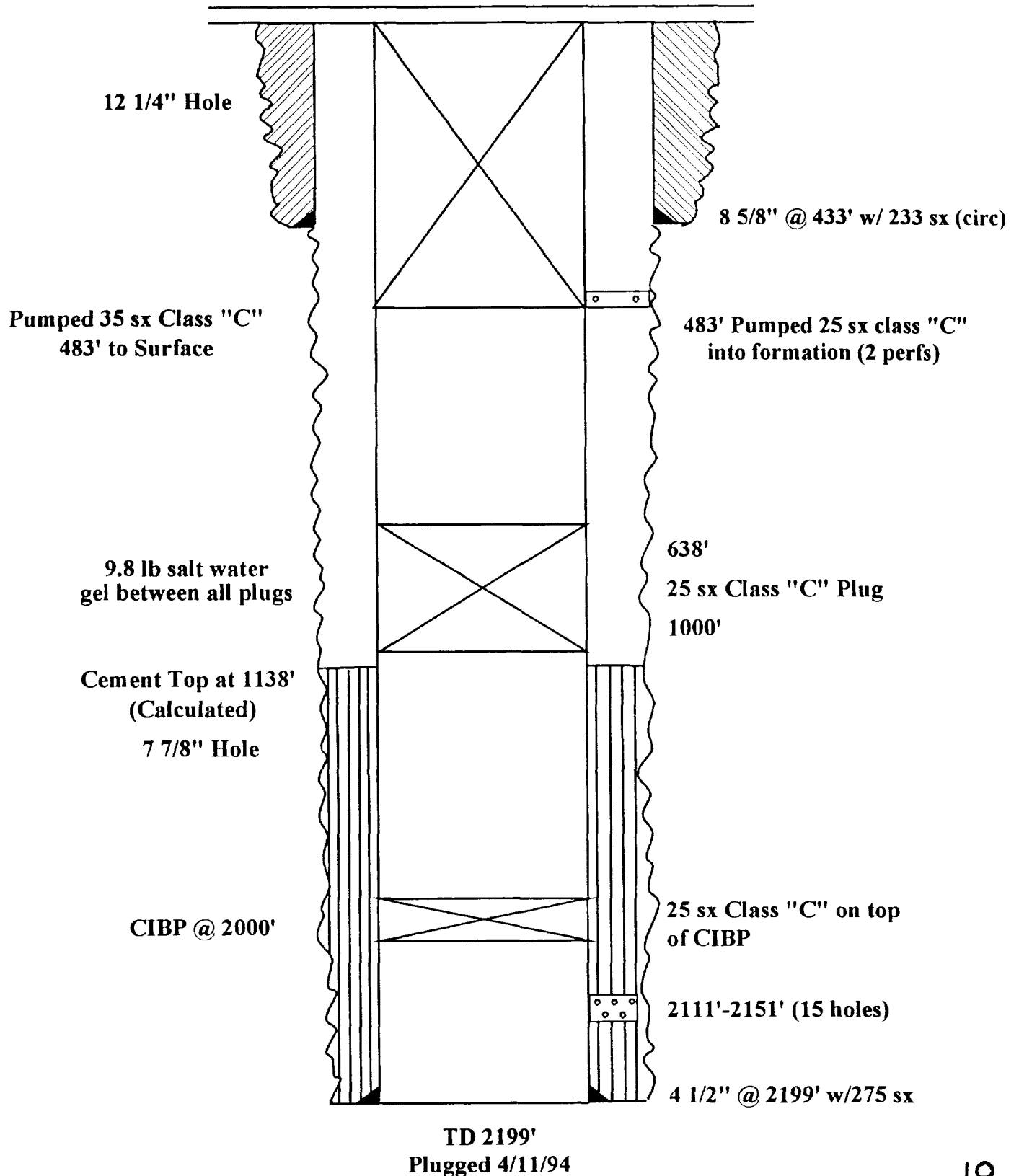
TRAILBLAZER GAS STORAGE PROJECT
Form C-108
Tabulation of Data on Wells Within Area of Review
CASING & CEMENTING
INFORMATION

WELL NAME	OPERATOR	TYPE	SPUD	COMPLETED	TOTAL DEPTH	PRODUCING ZONE	PERFORATIONS	CASING & CEMENTING INFORMATION
Quincy AMQ State #10 Unit K, Sec 12-8S-27E 2310' FSL & 1650' FWL	Yates Petroleum Corporation	Oil	04/24/95	05/05/95	2225'	San Andres	2148' - 2200'	13-3/8" @ 5' Cement to surface 8-5/8" @ 459' w/250 sx - (circulated) 5-1/2" @ 2225' w/300 sx (TOC 704' calc)
Quincy AMQ State #11 Unit K, Sec 12-8S-27E 1650' FSL & 1650' FWL	Yates Petroleum Corporation	Oil	04/30/95	05/13/95	2221'	San Andres	2144' - 2198'	13-3/8" @ 5' Cement to surface 8-5/8" @ 460' w/250 sx - (circulated) 5-1/2" @ 2221' w/350 sx (TOC 940' CBL)
Quincy AMQ State #12 Unit E, Sec 12-8S-27E 1650' FNL & 330' FWL	Yates Petroleum Corporation	Oil	04/18/95	05/05/95	2215'	San Andres	2152' - 2196'	13-3/8" @ 5' Cement to surface 8-5/8" @ 462' w/225 sx - (circulated) 5-1/2" @ 2215' w/300 sx (TOC 694' calc)
Bill Thorp State #1 Unit M, Sec 12-8S-27E 330' FSL & 330' FWL	Collins Oil & Gas	Oil	04/22/93	05/10/93	2170'	San Andres	2120' - 2164'	8-5/8" @ 463' w/275 sx (circulated) 4-1/2" @ 2170' w/200 sx (TOC 1399' calc)
Bill Thorp State #2 Unit P, Sec 11-8S-27E 330' FSL & 330' FEL	Collins Oil & Gas	Oil	06/02/93	06/16/93	2160'	San Andres	2110' - 2140'	8-5/8" @ 470' w/225 sx (circulated) 4-1/2" @ 2160' w/200 sx (TOC 1389' calc)
Bill Thorp State #3 Unit L, Sec 12-8S-27E 1650' FSL & 330' FWL	Collins Oil & Gas	Oil	06/28/93	08/09/93	2185'	San Andres	2128' - 2160'	8-5/8" @ 470' w/245 sx (circulated) 4-1/2" @ 2185' w/200 sx (TOC 1414' calc)
Bill Thorp State #4 Unit J, Sec 11-8S-27E 1650' FSL & 330' FEL	Collins Oil & Gas	Oil	08/17/93	10/09/93	2181'	San Andres	2124' - 2156'	8-5/8" @ 446' w/245 sx (circulated) 4-1/2" @ 2181' w/200 sx (TOC 1410' calc)

TRAILBLAZER GAS STORAGE PROJECT							
Farm C-108							
Tabulation of Data on Wells Within Area of Review							
WELL NAME	OPERATOR	TYPE	SPUD	COMPLETED	TOTAL DEPTH	PRODUCING ZONE	PERFORATIONS
CASING & CEMENTING INFORMATION							
Bill Thorp State #5 Unit L, Sec 12-8S-27E	Collins Oil & Gas	Oil	08/19/93	08/26/93	2195'	San Andres	2137' - 2181'
Bill Thorp State #6 Unit I, Sec 11-8S-27E	Collins Oil & Gas	Oil	07/20/94	07/29/94	2197'	San Andres	2142' - 2184'
Bill Thorp State #7 Unit L, Sec 12-8S-27E 2310' FSL & 990' FWL	Collins Oil & Gas	Oil	02/02/95	02/13/95	2200'	San Andres	2138' - 2186'
J. Horton State #1 Unit P, Sec 2-8S-27E 330' FEL & 330' FSL	Collins Oil & Gas	Oil	02/26/94	Plugged 04/11/94	2199'	San Andres	2111' - 2151'
8-5/8" @ 433' w/233 sx (circulated) 4-1/2" @ 2199' w/275 sx (TOC 1138' calc) Plug @ 2000' 25 sxs Class "C" on top of CIBP Plug @ 638' - 1000' 25 sxs Class "C" Plug @ surface to 483' 35 sxs Class "C"							

Attachment C

J. Horton State #2
P 2-8S-27E
330' FSL & 330' FEL
Chaves County, NM
Plugged & Abandoned



04-04-1995 07:38AM

Wildcat Measurement Servi

1 505 623 5790

P.02

Wildcat Measurement Service

DOS 2.0

PO Box 8034

Roswell, New Mexico 88202

Run No. 950404-01

Office #505-623-5790

Date Run 04/04/95

"Quality and Service is our first concern"

Date Sampled 04/03/95

Analysis for YATES PETROLEUM CORPORATION

GPANGL160

Field:

Well Name: QUINCY BATTERY

Producer: YATES PETROLEUM CORPORATION

Sta. Number:

County: CHAVES

State: NM

Purpose: SPOT

Sampled By: KARL HAENY

Sampling Temp: 61 DEG F

Atmos Temp: 57 DEG F

Volume/day:

Formation:

Pressure on Cylinder: 25 PSIG

Line Pressure: 38.2 PSIA

GAS COMPONENT ANALYSIS

Pressure Base: 14.730

		Mol %	GPM
Carbon Dioxide	CO2	16.885	
Nitrogen	N2	1.887	
Hydrogen Sulfide	H2S	2.300	
Methane	C1	52.028	8.819
Ethane	C2	12.395	3.315
Propane	C3	8.425	2.322
Iso-Butane	IC4	1.130	0.370
Nor-Butane	NC4	2.591	0.817
Iso-Pentane	IC5	0.725	0.265
Nor-Pentane	NC5	0.687	0.249
Hexanes Plus	C6+	0.947	0.407
TOTAL		100.000	16.563

Real BTU Dry: 1200
Real BTU Wet: 1179
Real Calc. Specific Gravity: 0.992
Field Specific Gravity: 0.990

Standard Pressure: 14.696
BTU Dry: 1197
BTU Wet: 1176

I Factor: 0.9949
M Value: 1.2645
Avg Mol Weight: 28.5835
Avg CuFt/Gal: 53.4979
26 Lb Product: 1.3891
Methane+ GPM: 16.563
Ethane+ GPM: 7.744
Propane+ GPM: 4.429
Butane+ GPM: 2.108
Pentane+ GPM: 0.921

REMARKS:

H2S ON LOCATION: 2.300% = 23,000 PPM

Approved by: DON NORMAN

Tue Apr 04 07:29:32 1995

"Let your interest in measurement be our concern"

DOS

PRECISION SERVICE, INC.

P.O. Box 3659 * Casper, Wyoming 82602 * (307) 237-9327
P.O. Box 2604 * Roswell, New Mexico 88201 * (505) 622-9874
Analysis Results Summary

Run No. 930825-1
Date Run 08/25/93
Date Sampled 08/25/93

Analysis for YATES PETROLEUM CORPORATION

GPANGL.L50

Field: BITTER LAKES

Well Name: TRAIL BLAZER ALN ST.#2

Sta. Number:

Purpose: SPOT

Sampling Temp: DEG F

Volume/day:

Pressure on Cylinder: 165 PSIG

Producer: YATES PETROLEUM CORPORATION

County: CHAVES

State: NM

Sampled By: JEFF DECK

Atmos Temp: 81 DEG F

Formation:

Line Pressure: 178.2 PSIA

GAS COMPONENT ANALYSIS

Pressure Base: 14.730

		Mol %	GPM
Carbon Dioxide	CO2	13.121	
Nitrogen	N2	5.928	
Hydrogen Sulfide	H2S	0.930	
Methane	C1	68.800	11.661
Ethane	C2	7.152	1.913
Propane	C3	2.795	0.770
Iso-Butane	IC4	0.283	0.093
Nor-Butane	NC4	0.568	0.179
Iso-Pentane	IC5	0.129	0.047
Nor-Pentane	NC5	0.123	0.045
Hexanes Plus	C6+	0.173	0.074
TOTAL		100.000	14.782

Real BTU Dry: 946
Real BTU Wet: 930
Real Calc. Specific Gravity: 0.796
Field Specific Gravity: 0.792

Standard Pressure: 14.696
BTU Dry: 944
BTU Wet: 928

Z Factor: 0.9972
N Value: 1.2951
Avg Mol Weight: 23.0075
Avg CuFt/Gal: 58.4487
26 Lb Product: 0.2509
Methane+ GPM: 14.782
Ethane+ GPM: 3.121
Propane+ GPM: 1.208
Butane+ GPM: 0.438
Pentane+ GPM: 0.166

REMARKS:

H2S ON LOCATION: 0.930 % = 9,300 PPM

Approved by: JEFF DECK

Wed Aug 25 11:06:43 1993

BEFORE THE

OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

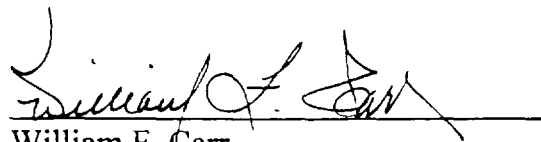
IN THE MATTER OF THE APPLICATION
OF YATES PETROLEUM CORPORATION
FOR APPROVAL FOR AUTHORIZATION
TO INJECT, TRAILBLAZER GAS STORAGE PROJECT,
CHAVES COUNTY, NEW MEXICO.

CASE NO. 11322

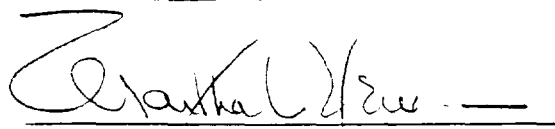
AFFIDAVIT

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

William F. Carr, attorney in fact and authorized representative of Yates Petroleum Corporation, the Applicant herein, being first duly sworn, upon oath, states that notice has been given to all interested persons entitled to receive notice of this application under Oil Conservation Division rules, and that notice has been given at the addresses shown on Exhibit "A" attached hereto.


William F. Carr

SUBSCRIBED AND SWORN to before me this 20th day of June, 1995.


Notary Public

My Commission Expires:

August 19, 1995

EXHIBIT A

Mr. Jim K. Miller
Post Office Box 453
Satanta, KS 87860

Collins Oil & Gas Corporation
Post Office Box 2443
Roswell, NM 88202-2443

Elk Oil Company
Post Office Box 310
Sunwest Bank Bldg., Suite 814
Roswell, NM 88202-0310

**BEFORE THE
OIL CONSERVATION DIVISION**
Santa Fe, New Mexico

**AFFIDAVIT,
Page 2**

Case No. 11322 Exhibit No. 2

Submitted by: Yates Petroleum Corporation

Hearing Date: June 29, 1995

CAMPBELL, CARR & BERGE, P.A.
LAWYERS

MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE

MICHAEL H. FELDEWERT
TANNIS L. FOX
TANYA M. TRUJILLO

JACK M. CAMPBELL
OF COUNSEL

JEFFERSON PLACE
SUITE 110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

June 8, 1995

CERTIFIED MAIL -
RETURN RECEIPT REQUESTED

Collins Oil & Gas Corporation
Post Office Box 2443
Roswell, New Mexico 88202-2443

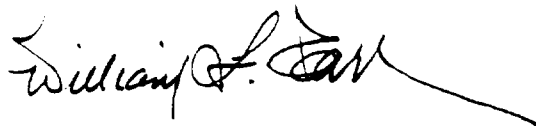
Re: Application of Yates Petroleum Corporation for Approval for Authorization
to Inject, Trailblazer Gas Storage Project, Chaves County, New Mexico

Gentlemen:

On June 5, 1995, we mailed you a copy of the Application of Yates Petroleum Corporation (Application for Authority to Inject) in the above referenced matter. This letter is to advise you that this application seeking approval for the Yates Petroleum Corporation Trailblazer Gas Storage Project in the SW/4 NE/4 of Section 11, Township 8 South, Range 27 East, N.M.P.M., Chaves County, New Mexico will be set for hearing before a Division Examiner on June 29, 1995. This hearing will be held in Hobbs, New Mexico. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appear in cases have been requested by the Division (Memorandum 2-90) to file a Prehearing statement substantially in the form prescribed by the Division. Prehearing statements should be filed by 4:00 o'clock p.m. on the Friday before a scheduled hearing.

Very truly yours.



WILLIAM F. CARR
ATTORNEY FOR YATES PETROLEUM CORPORATION
WFC:mlh

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete Items 1 and/or 2 for additional services.
- Complete Items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

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

- ☐ Addressee's Address
 - ☐ Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to:

Collins Oil & Gas Corporation
Post Office Box 2443
Roswell, New Mexico 88202-2443

4a. Article Number

P 106 677 289

4b. Service Type
☐ Registered ☐ Insured

☒ Certified ☐ COD

☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

6-12-85

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

5. Signature (Addressee)

6. Signature (Agent)

Paul Collins

PS Form 3811, December 1991 A U.S. GPO: 1993-552-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

P-106 677 289

RECEIPT FOR CERTIFIED MAIL

INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

Collins Oil & Gas Corporation
Post Office Box 2443
Roswell, New Mexico 88202-2443

Postage	5
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom Date, and Address of Delivery	
TOTAL Postage and Fees	5
Postmark or Date	JUN - 8 1995

CAMPBELL, CARR & BERGE, P.A.
LAWYERS

MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE

MICHAEL H. FELDEWERT
TANNIS L. FOX
TANYA M. TRUJILLO

JACK M. CAMPBELL
OF COUNSEL

JEFFERSON PLACE
SUITE 1 - 110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

June 8, 1995

CERTIFIED MAIL -
RETURN RECEIPT REQUESTED

Elk Oil Company
Post Office Box 310
Sunwest Bank Bldg., Suite 814
Roswell, New Mexico 88202-0310

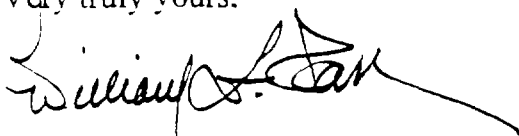
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Very truly yours,



WILLIAM F. CARR
ATTORNEY FOR YATES PETROLEUM CORPORATION
WFC:mlh

Is your **RETURN ADDRESS** completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

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

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Elk Oil Company
Post Office Box 310
Sunwest Bank Bldg., Suite 814
Roswell, New Mexico 88202-0310

4a. Article Number

P 106 677 290

4b. Service Type

- ☐ Registered ☐ Insured
- ☒ Certified ☐ COD
- ☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

6/12/93

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

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, December 1991 *U.S. GPO: 1993-552-714 DOMESTIC RETURN RECEIPT

P-106 677 290

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

Elk Oil Company
Post Office Box 310
Sunwest Bank Bldg., Suite 814
Roswell, New Mexico 88202-0310

Postage	S
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	S
Postmark or Date	JUN - 8 1995

Thank you for using Return Receipt Service.

CAMPBELL, CARR & BERGE, P.A.
LAWYERS

MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE

MICHAEL H. FELDEWERT
TANNIS L. FOX
TANYA M. TRUJILLO

JACK M. CAMPBELL
OF COUNSEL

JEFFERSON PLACE
SUITE 1110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

June 8, 1995

CERTIFIED MAIL -
RETURN RECEIPT REQUESTED

Jim K. Miller
Post Office Box 453
Satana, KS 87860

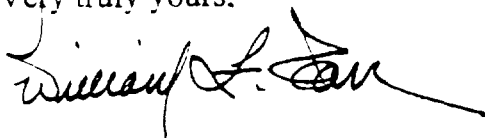
Re: Application of Yates Petroleum Corporation for Approval for Authorization
to Inject. Trailblazer Gas Storage Project. Chaves County, New Mexico

Dear Mr. Miller:

On June 5, 1995, we mailed you a copy of the Application of Yates Petroleum Corporation (Application for Authority to Inject) in the above referenced matter. This letter is to advise you that this application seeking approval for the Yates Petroleum Corporation Trailblazer Gas Storage Project in the SW/4 NE/4 of Section 11, Township 8 South, Range 27 East, N.M.P.M., Chaves County, New Mexico will be set for hearing before a Division Examiner on June 29, 1995. This hearing will be held in Hobbs, New Mexico. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appear in cases have been requested by the Division (Memorandum 2-90) to file a Prehearing statement substantially in the form prescribed by the Division. Prehearing statements should be filed by 4:00 o'clock p.m. on the Friday before a scheduled hearing.

Very truly yours.



WILLIAM F. CARR
ATTORNEY FOR YATES PETROLEUM CORPORATION
WFC:mih

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

Jim K. Miller
Post Office Box 453
Satana, KS 87860

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	
JUN - 8 1995	

PS Form 3800, June 1985

PS Form 3811, December 1991

U.S. GPO: 1963-362-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

CAMPBELL, CARR & BERGE, P.A.
LAWYERS

MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE

MICHAEL H. FELDEWERT
TANNIS L. FOX
TANYA M. TRUJILLO

JACK M. CAMPBELL
OF COUNSEL

JEFFERSON PLACE
SUITE 100 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

June 5, 1995

VIA CERTIFIED MAIL

Jim K. Miller
P.O. Box 453
Satana, KS 87860

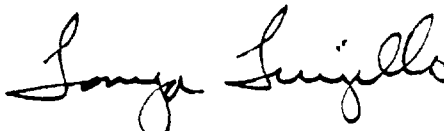
**Re: Application of Yates Petroleum Corporation for Approval for
Authorization to Inject, Trailblazer Gas Storage Project, Chaves County,
New Mexico**

Dear Mr. Miller:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) for the Trailblazer ANL State # 2 well in Chaves County, New Mexico. Yates Petroleum Corporation plans to reinject produced San Andres gas into the San Andres formation as part of a gas storage project in Acme San Andres Southeast.

Please contact us at (505) 988-4421 if you have any questions regarding this application.

Very truly yours,



Tanya M. Trujillo

Is your **RETURN ADDRESS** completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
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also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
 - ☐ Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to:

Jim K. Miller
Post Office Box 453
Satana, KS 87860

4a. Article Number

P 176 017 270

4b. Service Type

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)

Jim K. Miller

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

PS Form 3811, December 1991 *U.S. GPO: 1992-352-714

DOMESTIC RETURN RECEIPT

P 176 017 270



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Copy to Jim K. Miller	
Street and No. Post Office Box 453	
P.O. State and ZIP Code Satana, KS 87860	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing: 1. <input type="checkbox"/> Return to Post Office	
Return Receipt showing to: 2. <input type="checkbox"/> Addressee's Address	
Postage and Fees	\$
Postmark or Date JUNE 5, 1995	

1991 June 3800 PS Form 3811

Thank you for using Return Receipt Service.

CAMPBELL, CARR & BERGE, P.A.
LAWYERS

MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE

MICHAEL H. FELDEWERT
TANNIS L. FOX
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JACK M. CAMPBELL
OF COUNSEL

JEFFERSON PLACE
SUITE 100 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

June 5, 1995

VIA CERTIFIED MAIL

Collins Oil & Gas Corporation
P.O. Box 2443
Roswell, New Mexico 88202-2443

**Re: Application of Yates Petroleum Corporation for Approval for
Authorization to Inject, Trailblazer Gas Storage Project, Chaves County,
New Mexico**

To whom it may concern:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) for the Trailblazer ANL State # 2 well in Chaves County, New Mexico. Yates Petroleum Corporation plans to reinject produced San Andres gas into the San Andres formation as part of a gas storage project in Acme San Andres Southeast.

Please contact us at (505) 988-4421 if you have any questions regarding this application.

Very truly yours,



Tanya M. Trujillo

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SENDER:

- Complete items 1 and/or 2 for additional services.
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I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
 - ☐ Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to:

Collins Oil & Gas Corporation
Post Office Box 2443
Roswell, NM 88202-2443

4a. Article Number

P 176 017 271

4b. Service Type

☐ Registered ☐ Insured

☒ Certified ☐ COD

☐ Express Mail

☐ Return Receipt for Limited Postage

7. Date of Delivery

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

5. Signature (Addressee)

6. Signature (Agent)

Ray W. Cole

PS Form 3811, December 1991

U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

P 176 017 271



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to Collins Oil & Gas Corp.	
Post Office Box 2443	
City, State and ZIP Code Roswell, NM 88202-2443	
Postage	\$
Certified fee	
Special delivery fee	
Restricted delivery fee	
Signature of addressee or authorized agent	
Signature of sender or authorized agent	
Postage in stage	\$
Postmark or Date JUNE 5, 1995	

PS Form 3800, June 1991

Thank you for using Return Receipt Service.

CAMPBELL, CARR & BERGE, P.A.
LAWYERS

MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
MICHAEL H. FELDEWERT
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SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

June 5, 1995

VIA CERTIFIED MAIL

Elk Oil Company
P.O. Box 310
Sunwest Bk. Bldg.
Suite 814
Roswell, New Mexico 88202-0310

**Re: Application of Yates Petroleum Corporation for Approval for
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Very truly yours.


Tanya M. Trujillo

P 176 017 272



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to Elk Oil Company	
Street and No. Post Office Box 310	
P.O. State and ZIP Code Roswell, NM 88202-0310	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt (if desired) (Maximum \$3.00 per item)	
Signature of Addressee (if desired)	
Postmark or Date	JUNE 5, 1995

PS Form 3800, June 1988

<p>SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.</p> <p>Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional services requested.</p> <p>1. <input type="checkbox"/> Show to whom delivered, date, and addressee's address. 2. <input type="checkbox"/> Restricted Delivery (Extra charge)</p>	
<p>3. Article Addressed to:</p> <p>Elk Oil Company Post Office Box 310 Roswell, NM 88202-0310</p>	<p>4. Article Number</p> <p>P 176 017 272</p>
<p>5. Signature - Address</p> <p>X</p>	<p>Type of Service:</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Insured</p> <p><input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD</p> <p><input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise</p>
<p>6. Signature - Agent</p> <p>X</p>	<p>Always obtain signature of addressee or agent and DATE DELIVERED.</p>
<p>7. Date of Delivery</p> <p>6/5/95</p>	<p>8. Addressee's Address (ONLY if requested and fee paid)</p>

PS Form 3811, Mar. 1988 • U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

BEFORE THE

OIL CONSERVATION DIVISION

Case: 11322 Exhibit No. 3

Submitted by: Yates Petroleum Corporation

Hearing Date: June 29, 1995



PROPOSED INJECTION WELL
ATTACHMENT B

Yates Petroleum Corporation

PROPOSED INJECTION WELL
TRAILBLAZER "ANL" ST. #2
SEC. 11-8S-27E UNIT H 2310' FNL & 330' FEL

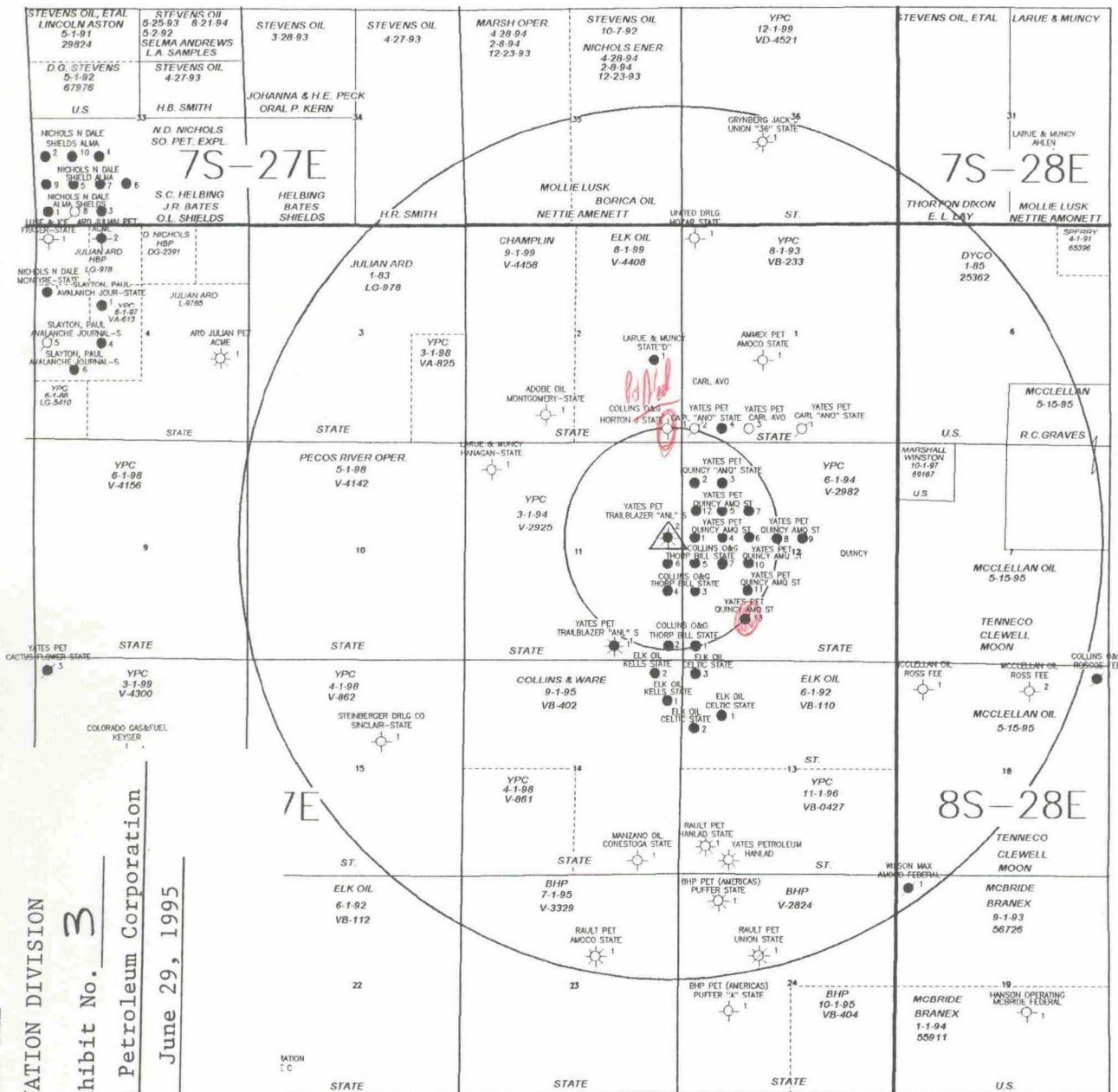
JFC108-PLAT

CHAVES CO., N.M.

6/27/95

JFTRBLZR.GPF

Scale 1:48000.



QUINCY TANK SAN ANDRES PRESSURE MAINTENANCE PROJECT
Form C-108
Tabulation of Data on Wells Within Area of Review

WELL NAME	OPERATOR	TYPE	SPUD	COMPLETED	TOTAL DEPTH	PRODUCING ZONE	PERFORATIONS	CASING & CEMENTING INFORMATION
Quincy AMQ State #13 Unit N, Sec 12-8S-27E 990' FSL & 1550' FWL	Yates Petroleum Corporation	Oil	06/05/95	06/16/95	2205'	San Andres	2142' - 2192'	8-5/8" @ 447' w/250 sx (circulated) 5-1/2" @ 2205' w/300 sx (TOC 550' CBL)

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11322 Exhibit No. 4
Submitted by: Yates Petroleum Corporation
Hearing Date: June 29, 1995