

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

Case No. 11236 Exhibit No. 1
Submitted by: Yates Petroleum Corporation
Hearing Date: April 6, 1995

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| <p>28 Phoenix Res. 3-14-90 Birdie B. Slack Jessie Allen 1/2 MI Tennessee Young Bell, Est Bell, Est R.D. Graves</p> | <p>29 Mollie Lusk Nattie Amoneff Yates Pet., etal 4-1-99 VA-1178 15 3/4 State D.C. Chamberlain, etal Moon Co., Tr.</p> | <p>30 Mollie Lusk Nattie Amoneff, 2/3 Yates Pet., etal 5-25-88 37.85 2 37.11 3 Norton Dixon E. L. Lay Mollie Lusk Nattie Amoneff</p> | <p>31 La Rue & Muncy Ahlen Mollie Lusk Nattie Amoneff 40.11 4 40.17 4 40.23 2 40.25 1 40.30 1 40.33 1 40.34 1 40.35 1 40.36 1 40.37 1 40.38 1 40.39 1 40.40 1 40.41 1 40.42 1 40.43 1 40.44 1 40.45 1 40.46 1 40.47 1 40.48 1 40.49 1 40.50 1 40.51 1 40.52 1 40.53 1 40.54 1 40.55 1 40.56 1 40.57 1 40.58 1 40.59 1 40.60 1 40.61 1 40.62 1 40.63 1 40.64 1 40.65 1 40.66 1 40.67 1 40.68 1 40.69 1 40.70 1 40.71 1 40.72 1 40.73 1 40.74 1 40.75 1 40.76 1 40.77 1 40.78 1 40.79 1 40.80 1 40.81 1 40.82 1 40.83 1 40.84 1 40.85 1 40.86 1 40.87 1 40.88 1 40.89 1 40.90 1 40.91 1 40.92 1 40.93 1 40.94 1 40.95 1 40.96 1 40.97 1 40.98 1 40.99 1 41.00 1</p> | <p>32 Stevens Oil 3-20-92 D.C. Chamberlain, etal Moon Co., Tr.</p> | <p>33 Stevens Oil 3-20-92 D.C. Chamberlain, etal Moon Co., Tr.</p> | <p>34 Stevens Oil 3-20-92 D.C. Chamberlain, etal Moon Co., Tr.</p> | | | |
| <p>25 Stevens Oil 10-7-92 Mollie Lusk Borica Oil, etal Nattie Amoneff, 2/3 Yates Pet. 3-1-94 V-3092 12-1-97 V-4521 27 3/4 36 Maguire Union-St. TD 7016 DIA 10-18-91 State</p> | <p>26 Stevens Oil 10-7-92 Mollie Lusk Borica Oil, etal Nattie Amoneff, 2/3 Yates Pet. 3-1-94 V-3092 12-1-97 V-4521 27 3/4 36 Maguire Union-St. TD 7016 DIA 10-18-91 State</p> | <p>27 Stevens Oil 10-7-92 Mollie Lusk Borica Oil, etal Nattie Amoneff, 2/3 Yates Pet. 3-1-94 V-3092 12-1-97 V-4521 27 3/4 36 Maguire Union-St. TD 7016 DIA 10-18-91 State</p> | <p>28 Stevens Oil 10-7-92 Mollie Lusk Borica Oil, etal Nattie Amoneff, 2/3 Yates Pet. 3-1-94 V-3092 12-1-97 V-4521 27 3/4 36 Maguire Union-St. TD 7016 DIA 10-18-91 State</p> | <p>29 Stevens Oil 10-7-92 Mollie Lusk Borica Oil, etal Nattie Amoneff, 2/3 Yates Pet. 3-1-94 V-3092 12-1-97 V-4521 27 3/4 36 Maguire Union-St. TD 7016 DIA 10-18-91 State</p> | <p>30 Stevens Oil 10-7-92 Mollie Lusk Borica Oil, etal Nattie Amoneff, 2/3 Yates Pet. 3-1-94 V-3092 12-1-97 V-4521 27 3/4 36 Maguire Union-St. TD 7016 DIA 10-18-91 State</p> | <p>31 Stevens Oil 10-7-92 Mollie Lusk Borica Oil, etal Nattie Amoneff, 2/3 Yates Pet. 3-1-94 V-3092 12-1-97 V-4521 27 3/4 36 Maguire Union-St. TD 7016 DIA 10-18-91 State</p> | <p>32 Stevens Oil 10-7-92 Mollie Lusk Borica Oil, etal Nattie Amoneff, 2/3 Yates Pet. 3-1-94 V-3092 12-1-97 V-4521 27 3/4 36 Maguire Union-St. TD 7016 DIA 10-18-91 State</p> | <p>33 Stevens Oil 10-7-92 Mollie Lusk Borica Oil, etal Nattie Amoneff, 2/3 Yates Pet. 3-1-94 V-3092 12-1-97 V-4521 27 3/4 36 Maguire Union-St. TD 7016 DIA 10-18-91 State</p> | <p>34 Stevens Oil 10-7-92 Mollie Lusk Borica Oil, etal Nattie Amoneff, 2/3 Yates Pet. 3-1-94 V-3092 12-1-97 V-4521 27 3/4 36 Maguire Union-St. TD 7016 DIA 10-18-91 State</p> |

BEFORE THE

OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

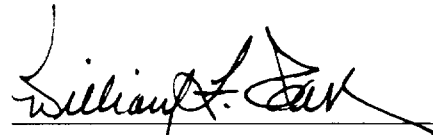
IN THE MATTER OF THE APPLICATION
OF YATES PETROLEUM CORPORATION
FOR A PRESSURE MAINTENANCE PROJECT,
CHAVES COUNTY, NEW MEXICO.

CASE NO. 11236

AFFIDAVIT

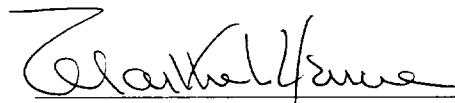
STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

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 5th day of April, 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

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

Case No. 11236 Exhibit No. 2

Submitted by: Yates Petroleum Corporation

Hearing Date: April 6, 1995

CAMPBELL, CARR, BERGE
& SHERIDAN, P.A.
LAWYERS

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

MICHAEL H. FELDEWERT
TANYA M. TRUJILLO
NANCY A. RATH

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

March 15, 1995

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Jim K. Miller
P.O. Box 453
Satanta, KS 87860

Re: Application of Yates Petroleum Corporation for a Pressure Maintenance Project, and an administrative procedure for approval of additional injection and producing wells, Chaves County, New Mexico

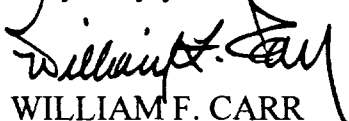
Dear Mr. Miller:

This letter is to advise you that Yates Petroleum Corporation has filed the enclosed application with New Mexico Oil Conservation Division seeking approval for its Acme San Andres Southeast Pressure Maintenance Project in the NW/4 of Section 12, Township 8 South, Range 27 East, N.M.P.M., Chaves County, New Mexico.

This application has been set for hearing before a Division Examiner on April 6, 1995. 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 appearing 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

ATTORNEYS FOR YATES PETROLEUM CORPORATION

Enclosure

cc: Pinson McWhorter

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
 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 service(s) requested.
 1. Show to whom delivered, date, and addressee's address. (Extra charge)
 2. Restricted Delivery (Extra charge)

3. Article Addressed to:
 Mr. Jim K. Miller
 P.O. Box 453 459
 Satanta, KS 87860

4. Article Number
 P176 016 835

Type of Service:
 Registered
 Certified
 Express Mail
 Insured
 COD
 Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

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

5. Signature - Address
 X
 Signature - Agent
 X *Shirley West Howard Clark*
 7. Date of Delivery
 3.22.95

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

P 176 016 835



Mr. Jim K. Miller
 P.O. Box 453
 Satanta, KS 87860

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|---------|----|------|------|--|--|
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| | | 1.00 | | | |
| | | | 1.00 | | |
| | \$ | | | | |
| 3.16.95 | | | | | |

CAMPBELL, CARR, BERGE
& SHERIDAN, P.A.
LAWYERS

MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
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TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

March 15, 1995

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

Re: Application of Yates Petroleum Corporation for a Pressure Maintenance Project, and an administrative procedure for approval of additional injection and producing wells, Chaves County, New Mexico

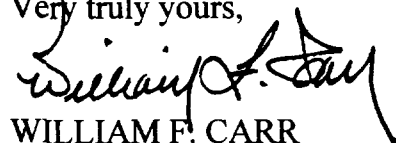
Gentlemen:

This letter is to advise you that Yates Petroleum Corporation has filed the enclosed application with New Mexico Oil Conservation Division seeking approval for its Acme San Andres Southeast Pressure Maintenance Project in the NW/4 of Section 12, Township 8 South, Range 27 East, N.M.P.M., Chaves County, New Mexico.

This application has been set for hearing before a Division Examiner on April 6, 1995. 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.

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Very truly yours,



WILLIAM F. CARR
ATTORNEYS FOR YATES PETROLEUM CORPORATION

Enclosure

cc: Pinson McWhorter

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
 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.
 1. Show to whom delivered, date, and addressee's address. (Extra charge)
 2. Restricted Delivery (Extra charge)

3. Article Addressed to:
 Collins Oil & Gas Corporation
 P.O. Box 2443
 Roswell, NM 88202-2443

4. Article Number
 P 176 016 834

Type of Service:
 Registered
 Certified
 Express Mail
 Insured
 COD
 Return Receipt for Merchandise

Always obtain signature of addressee or agent and ~~DATE~~ **DATE** DELIVERED.

5. Address of Addressee (ONLY if requested in the postage)

201
 1995


5. Signature - Address
 X *West* *Collins*

6. Signature - Agent
 X

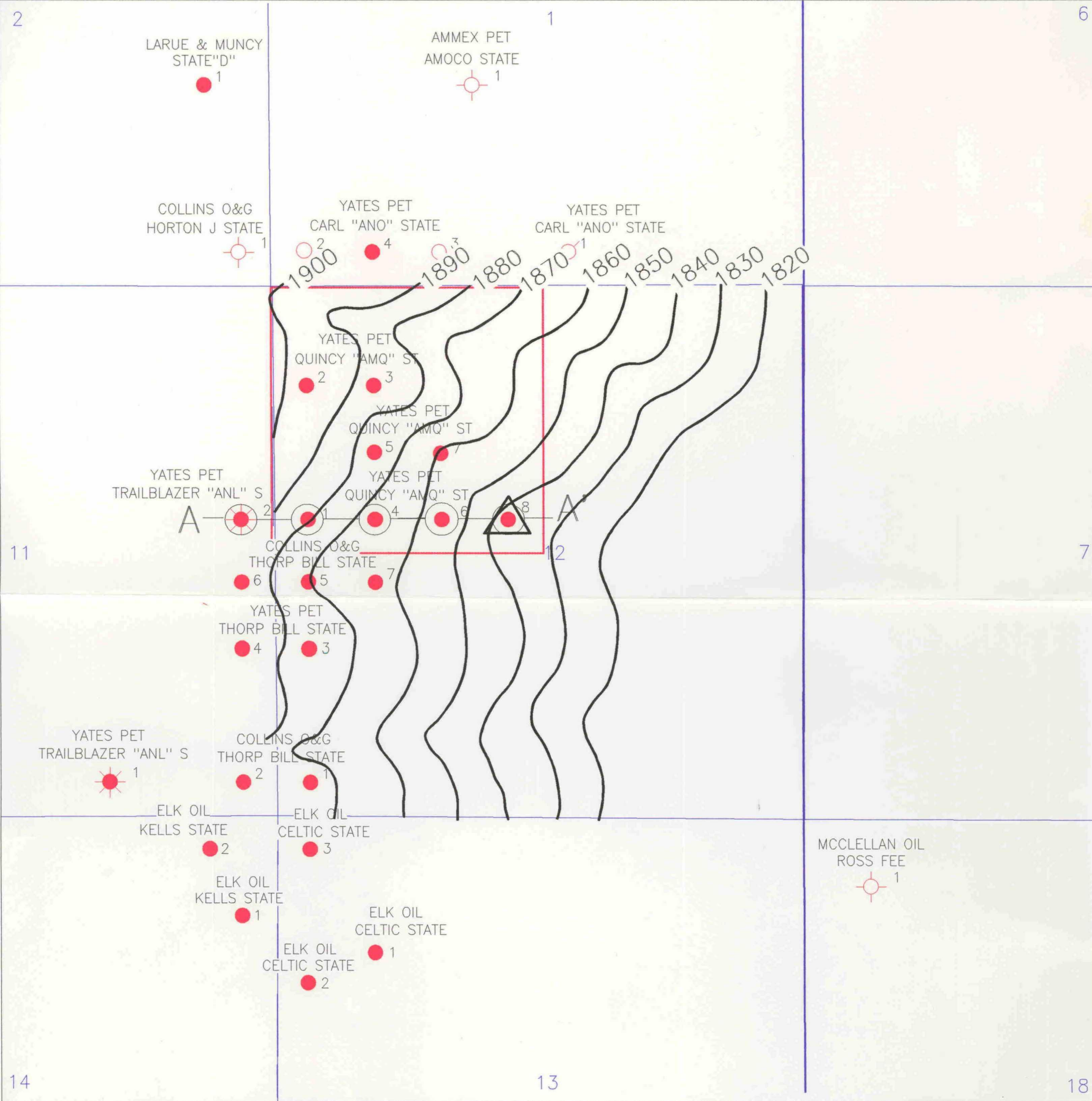
7. Date of Delivery

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

P 176 016 834

 Receipt for Certified Mail
 No Insurance Coverage Provided
 Collins Oil & Gas Corporation
 P.O. Box 2443
 Roswell, NM 88202-2443

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| 31695 | | | | | |



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

Case No. 11236 Exhibit No. 3

Submitted by: Yates Petroleum Corporation

Hearing Date: April 6, 1995

- PRODUCING WELL
- ▲ INJECTION WELL
- PROJECT BOUNDARY

| | | |
|--|----------------|--------|
| Yates Petroleum Corporation | | |
| PRESSURE MAINTENANCE PROJECT ACME SAN ANDRES SE STRUCTURE MAP-TOP OF P-1 ANHYDRITE | | |
| ENG. P. McWHORTER | T8S-R27E | 4/4/95 |
| C.I.=10' | Scale 1:12000. | |

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

POST OFFICE BOX 14401
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

RECEIVED

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? yes no

MAR 14 1995

II. Operator: Yates Petroleum Corporation Oil Conservation Division

Address: 105 South 4th Street Artesia, New Mexico 88210

Contact party: Pinson McWhorter Phone: (505) 748-1471

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 logs with the Division they need not be re-

* XI. Attach a chemical analysis of fresh available and producing) within one location of wells and dates samples

XII. Applicants for disposal wells must be examined available geologic and engineering or any other hydrologic connection to source of drinking water.

XIII. Applicants must complete the "Proof

XIV. Certification

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

Case No. 11236 Exhibit No. 5

Submitted by: Yates Petroleum Corporation

Hearing Date: April 6, 1995

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: March 10, 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

Quincy AMQ State #8
Unit F Sec 12-8S-27E

- I. The purpose of these wells will be to reinject produced San Andres water into the San Andres formation as part of a pressure maintenance 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 BWPD.
The maximum daily injection volume is estimated to be 500 BWPD.

2. The system will be a closed system.

3. The proposed average injection pressure is estimated to be 900 psi.
The proposed maximum injection pressure is estimated to be 1100 psi.

4. The source of injection water will be produced San Andres water 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 may be treated with 8000 gallons of 20%HCL acid.

X. Well log data is attached.

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

XIII. Proof of Notice

Certified letters sent to the surface owners and offset operator are attached.

Attachment A

ACME SAN ANDRES SOUTHEAST PRESSURE MAINTENANCE PROJECT

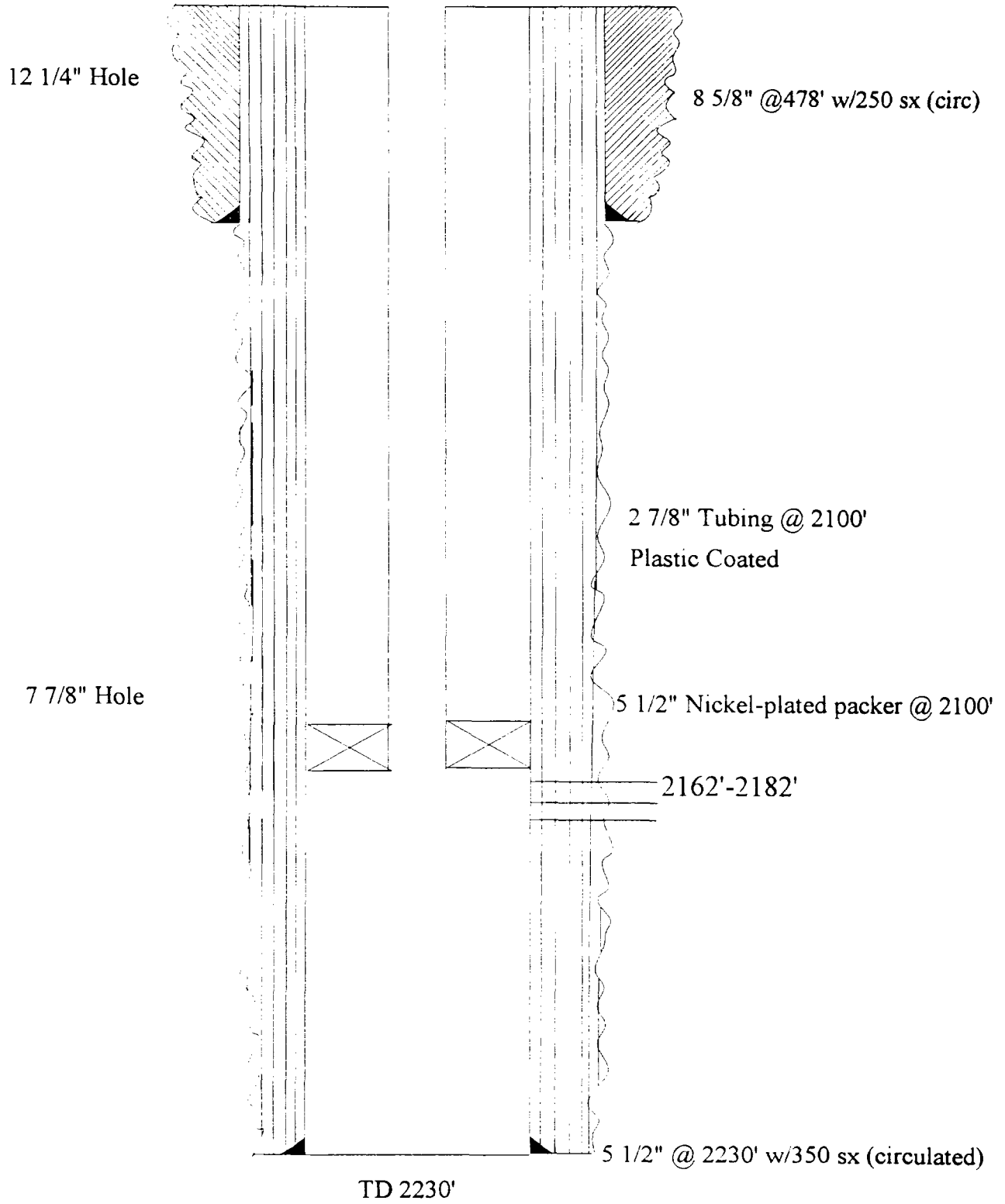
FORM C-108

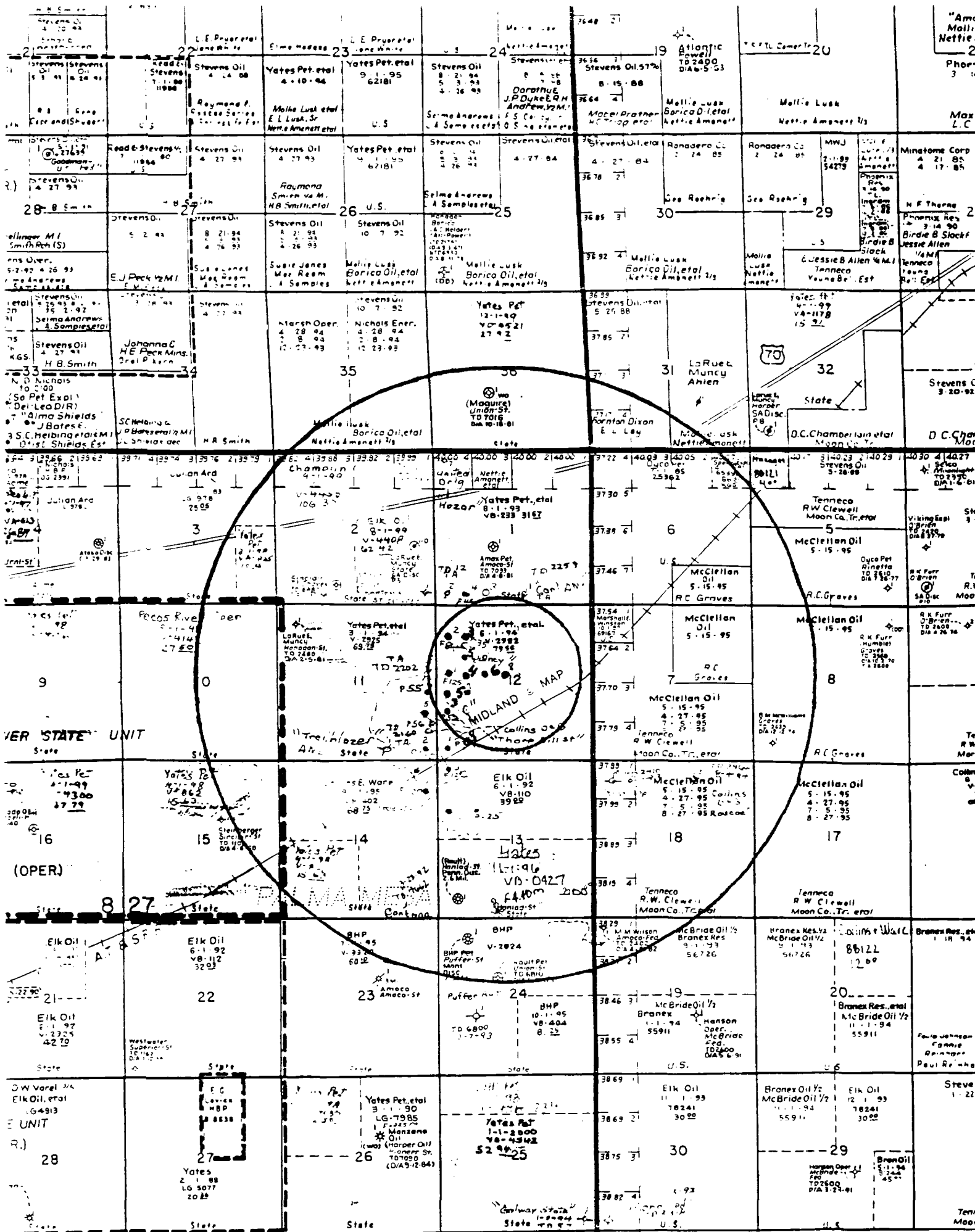
WELL DATA

| <u>Lease Name & Location</u> | <u>Casing Tubing & Packer Data</u> | <u>Injection Formation</u> | <u>Injection Interval Perforation</u> | <u>1 - Next Higher Oil/Gas Zone</u> <u>2 - Next Higher Oil/Gas Zone</u> |
|--|---|----------------------------|---------------------------------------|--|
| Quincy AMQ State #8 | 8 5/8" @ 478' w/250 sx (circ) | San Andres | 2162' - 2182' | 1 - None 2 - Ordovician |
| Unit F Sec 12-8S-27E | 5 1/2" @ 2230' w/350 sx (circ) | | | |
| 2310' FNL & 2310' FWL (Originally Oil Test) | 2 7/8" tubing @ 2100' (plastic coated) 5 1/2" Nickel-plated packer @ 2100' | | | |

Quincy AMQ State #8
F 12-8S-27E
2310' FNL & 2310' FWL

Proposed





Yates Petroleum Corporation
Proposed Injection Well
Quincy AMQ State #8
F Sec. 12 T8S-R27E
2310' FNL & 2310' FWL
Chaves County, New Mexico

ATTACHMENT B

ATTACHMENT C

ACME SAN ANDRES SOUTHEAST - PRESSURE MAINTENANCE PROJECT

Form C-105

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) |

ATTACHMENT C

ACME SAN ANDRES SOUTHEAST - PRESSURE MAINTENANCE PROJECT

Form C-103

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 #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 1295' calc) |
| Bill Thorp State #5 Unit L, Sec 12-8S-27E 2310' FSL & 330' FWL | Collins Oil & Gas | Oil | 08/19/93 | 08/26/93 | 2195' | San Andres | 2137' - 2181' | 8-5/8" @ 450' w/245 sx (circulated) 4-1/2" @ 2195' w/200 sx (TOC 1305' calc) |
| Bill Thorp State #6 Unit J, Sec 11-8S-27E 2310' FSL & 330' FEL | Collins Oil & Gas | Oil | 07/20/94 | 07/29/94 | 2197' | San Andres | 2142' - 2184' | 8-5/8" @ 458' w/260 sx 4-1/2" @ 2197' w/200 sx (TOC 1307' calc) |
| 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' | 8-5/8" @ 450' w/200 sx 4 1/2" @ 2200' w/200 sx (TOC 1310' calc) |
| Trailblazer ANL State #2 Unit H, Sec 11-8S-27E 2310' FNL & 330' FEL | Yates Petroleum Corporation | Oil | 08/20/93 | Not Completed | 2202' | San Andres | 2159' - 2174' | 8-5/8" @ 470' w/250 sx (circ) 5 1/2" @ 2202' w/250 sx (TOC 769' CBL) |

COUNTY CHAVES
 FIELD SOUTHEAST ACME (S.A.)
 LOCATION 2310' FNL & 2310' FWL
 WELL QUINCY "AMO" STATE #8
 COMPANY YATES PETROLEUM CORPORATION

COMPANY YATES PETROLEUM CORPORATION
 WELL QUINCY "AMO" STATE #8
 FIELD SOUTHEAST ACME (S.A.)
 COUNTY CHAVES STATE NEW MEXICO
 LOCATION 2310' FNL & 2310' FWL
 Other Services:
 PERM

Remanent Datum GL Elev. 39410 F
 Log Measured From KB. 70 F above Perm. Datum Elev.: K.B. 39486.0 F
 Drilling Measured From KB. D.F. GL. 39410 F
 Date 13-MAR-1985

| | |
|----------------------|--------------|
| Run No. | 1 |
| Depth Driller | 2200.0 F |
| Depth Logger (Schl.) | 2222.0 F |
| Bitm. Log Interval | 2289.0 F |
| Top Log Interval | 500 F |
| Casing-Driller | 5.5 |
| Casing-Logger | 7.875 |
| Bit Size | 7.875 |
| Fluid in Hole | WATER |
| Dens. Visc. | |
| PH Fld. Loss | |
| Source of Sample | |
| Rm # Meas. Temp. | ① |
| Rmf # Meas. Temp. | ① |
| Rmc # Meas. Temp. | ① |
| Source: Rmf Rmc | ① |
| Rm # BHT | ① |
| Circulation Ended | |
| Logger on Bottom | SEE LOG |
| Max Rec. Temp. | |
| Equip. Location | 8286 ROSWELL |
| Recorded By | MARK LIEBENZ |
| Witnessed By | MIKE ALLEN |

The well name, location and borehole reference data were furnished by the customer.

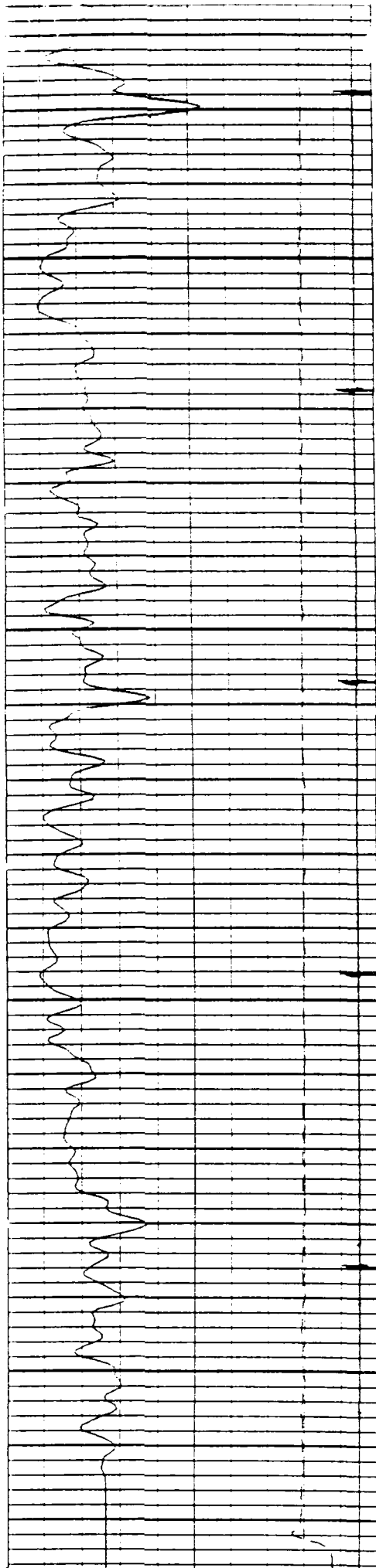
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

| | |
|----------------------|-------------|
| Run No. | 1 |
| Service Order No. | 860335 |
| Drilling Fluid Level | |
| Salinity | |
| Rmf @ BHT | ① |
| Rmc @ BHT | ① |
| Logging Speed | 3600.0 F/HR |
| EQUIPMENT DATA | |
| Tool Number 1 | TCCA 91 |
| Tool Number 2 | CNC HA 488 |
| Tool Number 3 | |
| Tool Number 4 | |
| Tool Number 5 | |
| Tool Number 6 | |
| Tool Number 7 | |
| Tool Number 8 | |
| Tool Number 9 | |
| Tool Number 10 | |
| Tool Number 11 | |
| Tool Number 12 | |

REMARKS:

NO BOWSPRING ON CNL.

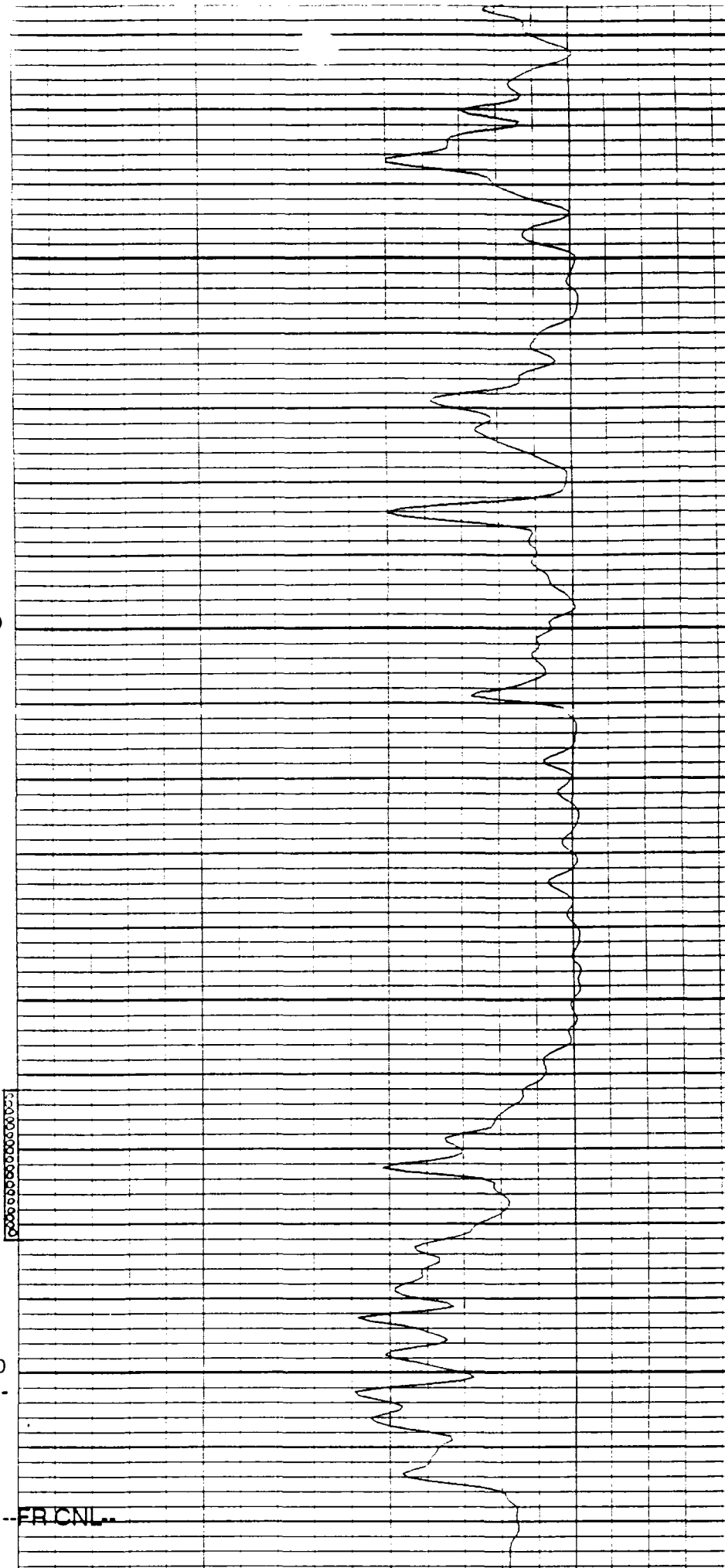
OPERATORS: HERNANDEZ AND MCGONAGLE



2100

2200
--FR GR--

---TD---
--FR CNL--



MAIN PASS

5"/100'

CP 32.4

FILE

?

03-

1995 07:44

(IIP)

| | |
|-----------|--------|
| TENS(LBF) | |
| 5000.0 | 0.0 |
| CCL | |
| -19.00 | 1.0000 |
| GR(GAPI) | |
| 0.0 | *00.00 |

| | |
|-----------|--|
| NPHI(V/V) | |
| 30000 | |

SENSOR MEASURE POINT TO TOOL ZERO

CFTC 2.8 FEET
TENS -.7 FEET
TNRA 3.3 FEET

GR 11.8 FEET
CNTC 2.3 FEET
CCL 15.5 FEET

ACME SAN ANDRES SOUTHEAST - 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 #7 Unit F, Sec 12-8S-27E 1650' FNL & 1650' FWL | Yates Petroleum Corporation | Oil | 03/09/95 | In Progress | 2225' | San Andres | 2169' - 2197' | 8-5/8" @ 460' w/250 sx (circulated) 5-1/2 @ 2225' w/350 sx (circulated) |

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

Case No. 11236 Exhibit No. 6

Submitted by: Yates Petroleum Corporation

Hearing Date: April 6, 1995