

# CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: DALLAN RESRC O & G Co. Well: MURKINSON 2 STATE SWD NO. 1

Contact: CINDY HEISTER Title: REGULATORY SUPER. Phone: 214-706-3640

DATE IN 6.9.95 RELEASE DATE 6.23.95 DATE OUT 7.6.95

Proposed Injection Application is for:  WATERFLOOD  Expansion  Initial

Original Order: R-   Secondary Recovery  Pressure Maintenance

SENSITIVE AREAS

SALT WATER DISPOSAL

WIPP  Capitan Reef  Commercial Operation

Data is complete for proposed well(s)? YES Additional Data \_\_\_\_\_

## AREA of REVIEW WELLS

3 Total # of AOR 3 # of Plugged Wells

YES Tabulation Complete YES Schematics of P & A's

YES Cement Tops Adequate NO AOR Repair Required

## INJECTION INFORMATION

Injection Formation(s) BELL CANYON

Source of Water AREA PRODUCERS 50K PPM Compatible YES

## PROOF OF NOTICE

Copy of Legal Notice  Information Printed Correctly

Correct Operators  Copies of Certified Mail Receipts

Objection Received  Set to Hearing \_\_\_\_\_ Date

NOTES: \_\_\_\_\_

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL YES

## COMMUNICATION WITH CONTACT PERSON:

1st Contact:  Telephoned  Letter \_\_\_\_\_ Date \_\_\_\_\_ Nature of Discussion \_\_\_\_\_

2nd Contact:  Telephoned  Letter \_\_\_\_\_ Date \_\_\_\_\_ Nature of Discussion \_\_\_\_\_

3rd Contact:  Telephoned  Letter \_\_\_\_\_ Date \_\_\_\_\_ Nature of Discussion \_\_\_\_\_

6-23-95

**MILLER, STRATVERT, TORGERSON & SCHLENKER, P.A.** DIVISION  
LAW OFFICES RECEIVED

RANNE B. MILLER  
ALAN C. TORGERSON  
KENDALL O. SCHLENKER  
ALICE TOMLINSON LORENZ  
GREGORY W. CHASE  
ALAN KONRAD  
MARGO J. MCCORMICK  
LYMAN G. SANDY  
STEPHEN M. WILLIAMS  
STEPHAN M. VIDMAR  
ROBERT C. GUTIERREZ  
SETH V. BINGHAM  
MICHAEL H. HOSES  
JAMES B. COLLINS  
TIMOTHY R. BRIGGS  
WALTER R. PARR  
RUDOLPH LUCERO  
DANIEL E. RAMCZYK  
DEAN G. CONSTANTINE  
DEBORAH A. SOLOVE  
GARY L. GORDON

LAWRENCE R. WHITE  
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VIRGINIA ANDERMAN  
MARTE D. LIGHTSTONE  
JOHN R. FUNK  
J. SCOTT HALL  
THOMAS R. MACK  
MICHAEL J. HAPPE  
JILL BURTRAM  
TERRI L. SAUER  
JOEL T. NEWTON  
JUDITH K. NAKAMURA  
THOMAS M. DOMME  
DAVID H. THOMAS III  
C. BRIAN CHARLTON  
MATTHEW URREA  
KAREN L. ACOSTA  
JEFFREY E. JONES  
MANUEL I. ARRIETA  
LEONARD D. SANCHEZ  
ROBIN A. GOBLE

ALBUQUERQUE, N.M.  
500 MARQUETTE N.W., SUITE 1100  
POST OFFICE BOX 25687  
ALBUQUERQUE, N.M. 87125  
TELEPHONE: (505) 842-1950  
FAX: (505) 243-4408

LAS CRUCES, N.M.  
27 WEST AMADOR  
POST OFFICE BOX 1209  
LAS CRUCES, N.M. 88004  
TELEPHONE: (505) 523-2481  
FAX: (505) 526-2215

**FARMINGTON, N.M.**

300 WEST ARRINGTON  
POST OFFICE BOX 869  
FARMINGTON, N.M. 87499  
TELEPHONE: (505) 326-4521  
FAX: (505) 325-5474

**SANTA FE, N.M.**

125 LINCOLN AVE., SUITE 221  
POST OFFICE BOX 1986  
SANTA FE, N.M. 87504-1986  
TELEPHONE: (505) 989-9614  
FAX: (505) 989-9857

June 8, 1995

WILLIAM K. STRATVERT, COUNSEL  
PAUL W. ROBINSON, COUNSEL

PLEASE REPLY TO SANTA FE

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, New Mexico 87505

Re: Application of Dalen Resources Oil and Gas Company  
for Administrative Approval of Salt Water Disposal,  
Eddy County, New Mexico

Dear Mr. LeMay:

On behalf of Dalen Resources Oil and Gas Company, we submit herewith an original and one copy of NMOCD form C-108, with attached exhibits, for administrative approval of Dalen's salt water disposal well to be located 760' FSL and 330' FEL of Section 2, T-25-S, R-26-E, NMPM, Eddy County, New Mexico. This application is submitted pursuant to NMOCD Rule 701(E).

Also enclosed are an original and one copy of our affidavit that copies of the application have been sent to the surface owner and all leasehold operators and owners of unleased mineral interest within one-half mile of the proposed well. Additionally, we enclose a copy of the text of the legal advertisement for the application. Proof of publication for the advertisement will be forwarded to the Division as soon as we receive the same.

Should additional information be required, please do not hesitate to contact me.

Very truly yours,

MILLER, STRATVERT, TORGERSON  
& SCHLENKER, P.A.

A handwritten signature in black ink, appearing to read "J. Scott Hall". The signature is written in a cursive style with a large, stylized initial "J".

J. Scott Hall

JSH/mp  
Enclosures

cc w/o encls.:      Cindy Keister  
                              Jerry Anderson



**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: Secondary Recovery Pressure Maintenance  Disposal Storage  
Application qualifies for administrative approval?  Yes  No
- II. OPERATOR: DALEN Resources Oil & Gas Co.  
ADDRESS: 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206  
CONTACT PARTY: Cindy Keister PHONE: (214) 706-3640
- III. WELL DATA: Complete the data required on the reverse side of this form for each well processed 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/1 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 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: Cindy R. Keister TITLE: Supvr. Regulatory Compliance  
SIGNATURE: Cindy R. Keister DATE: 05/01/95
- \* 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 circumstance of the earlier submittal. \_\_\_\_\_

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, PO Box 2088, Santa Fe, NM 87504-2088 within 15 days.

**NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.**

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**NOTICE:** Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

ATTACHMENT TO  
FORM C-108

- III. See Exhibit "A"
- IV. This is not an expansion of an existing project.
- V. See Exhibit "B"
- VI. See Exhibit "C"
- VII.
  - 1. Proposed average rate of fluid to be injected will be 2500 barrels salt water and maximum will be 5000 barrels salt water.
  - 2. The system will be a closed system.
  - 3. The average injection pressure will be approximately 300 psi and the maximum injection pressure will be approximately 500 psi.
  - 4. See Exhibits "D" and "D-1".
  - 5. Will be furnished upon completion of the well.
- VIII. Middle Bell Canyon is approximately 100' thick. The friable sandstone is light of medium gray and fine grained. There are no known sources of underground drinking water overlying the injection zone. See exhibit "E" for TDS analysis.
- IX. The perforations 2304'-2428' will be acidized with approximately 2000 gals non-emulsifying 7-1/2% HCl.
- X. The logs and test data will be filed upon completion of the well.
- XI. There are no fresh water wells within one mile of the proposed SWD well.
- XII. There is no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. See Exhibit "F"

EXHIBIT "A"

III. WELL DATA

- A. (1) Murchison 2 State SWD No. 1  
760' FSL & 330' FEL  
Lot P, Section 2-T25S-R26E  
Eddy County, New Mexico
- (2) Proposed: Drill 12-1/4" hole, run 8-5/8" surface casing & set @250'.  
Cement with 155sx cement & circulate to surface.  
Drill 7-7/8" hole, run 5-1/2" casing & set @2550'. Cement with 480sx  
cement & circulate cement to surface.
- (3) 2-7/8", 6.5#, coated with Ceram-Kote 54.
- (4) Baker Loc Set Retrievable Packer will be used.
- B. (1) The injection formation is the Bell Canyon section of the Delaware  
pool.
- (2) The injection interval will be perforated from 2304' - 2428'.
- (3) The well will be drilled for use as a salt water disposal well.
- (4) None
- (5) Next higher producing zone is the 2096' Bell Canyon  
Next lower producing zone is the 5133' Brushy Canyon

# MURCHISON 2 STATE SWD NO. 1

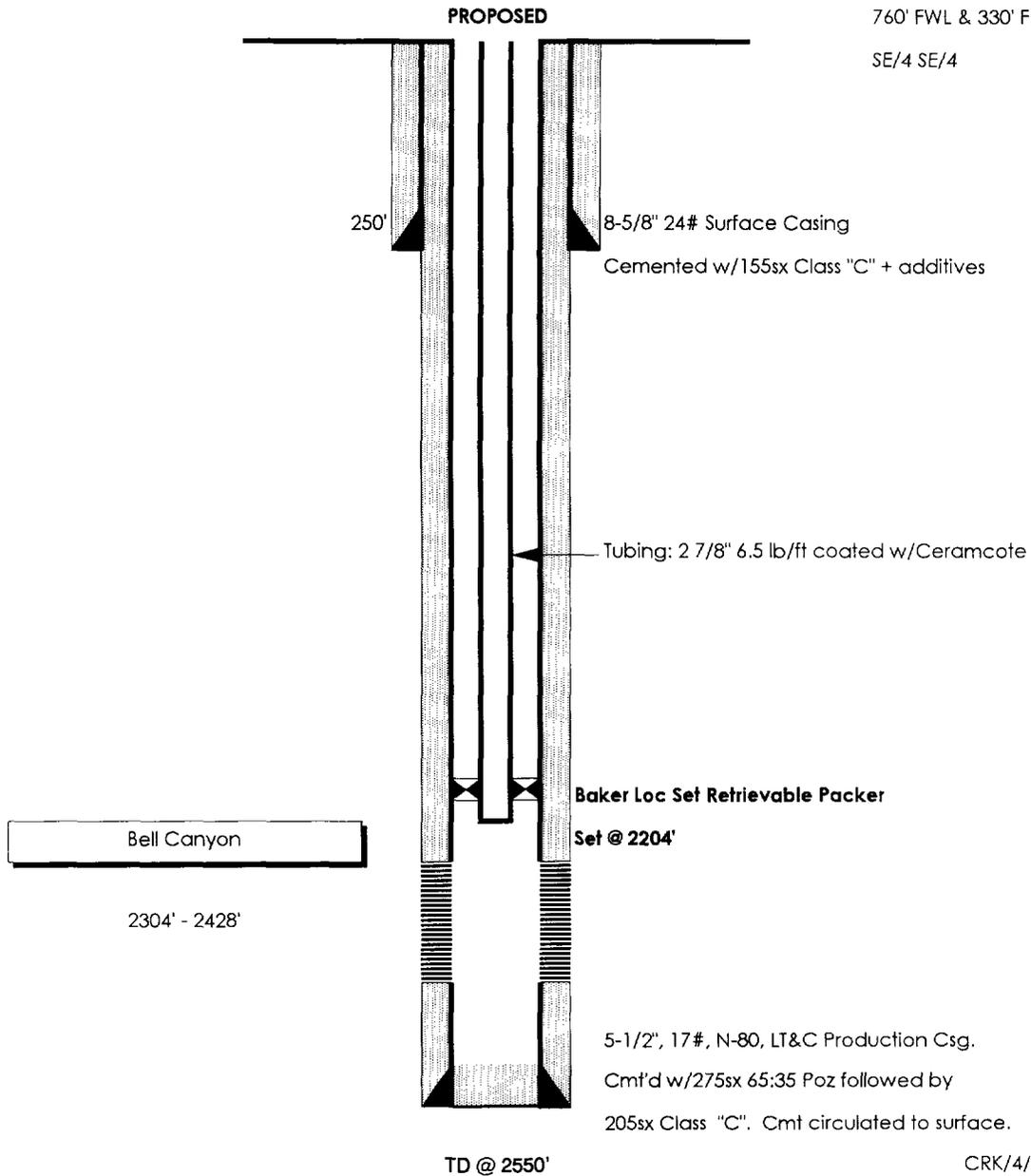
Eddy County, New Mexico

## EXHIBIT "A"

Sec. 2 - T25S - R2E

760' FWL & 330' FEL

SE/4 SE/4



CRK/4/28/95

EXHIBIT "C"

VI. **Marquardt Federal No. 4**  
760' FSL & 1980' FWL  
Section 1-T25S-R26E  
Eddy County, New Mexico

Spud Date: 08/80  
Status: P&A:12/26/89  
TD: 11,824'  
Field: White City Penn

**Murchison 2 State No. 1**  
1980' FNL & 660' FEL  
Section 2-T25N-R26E  
Eddy County, New Mexico

Spud Date: 01/20/95  
Status: Producing  
TD: 8,631'  
Field: Proposed White City Delaware

See attached wellbore schematics for cementing, perforating & plugging information.

# MURCHISON 2 No. 1

PROPOSED WHITE CITY  
EDDY CO., NEW MEXICO

EXHIBIT "C"

Spud Date: 1-20-95

RR 2-12-95

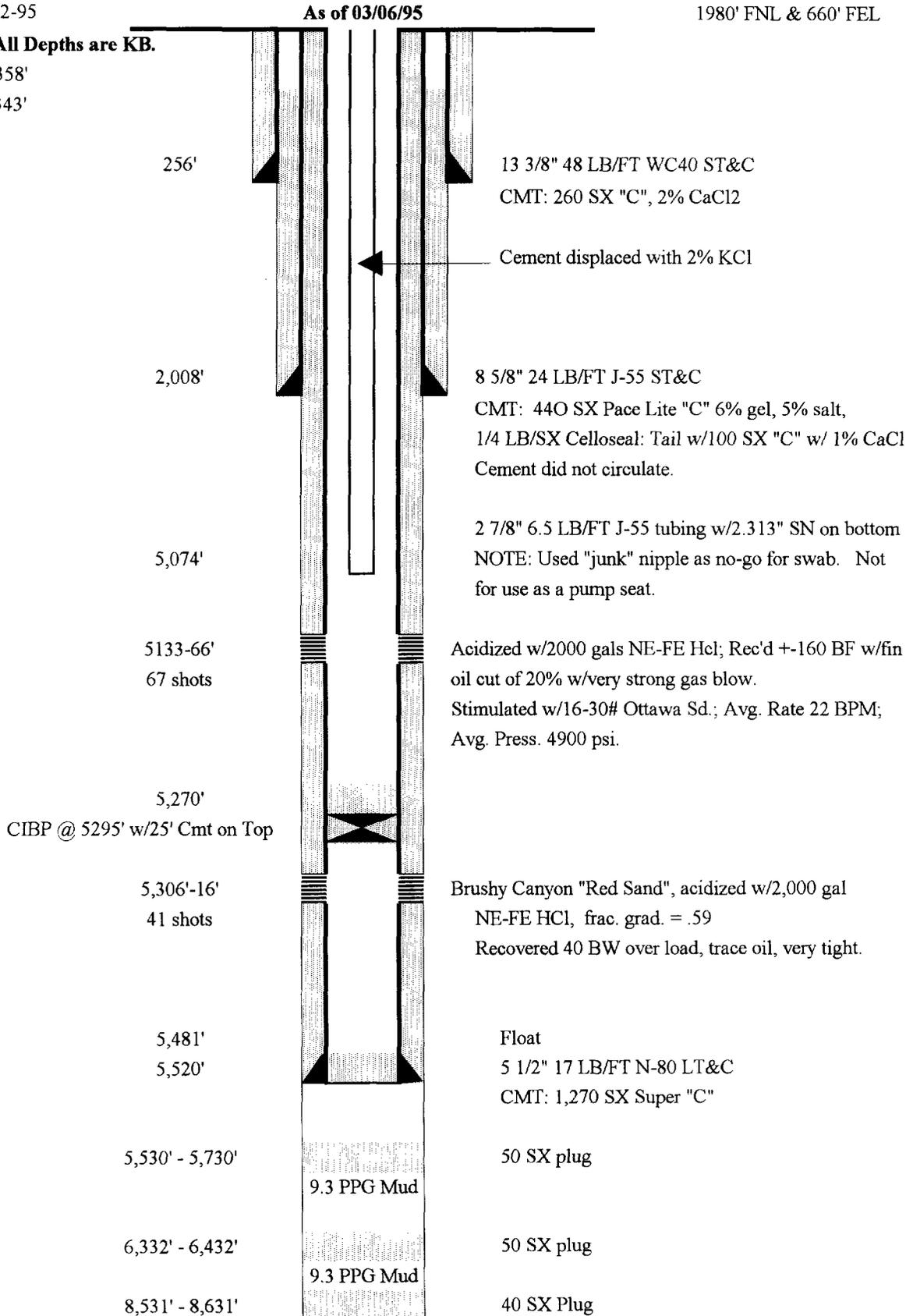
Sec. 2 - T25S - R26E

1980' FNL & 660' FEL

Note: All Depths are KB.

KB: 3,358'

GL: 3,343'



# MARQUARDT FEDERAL NO. 4

EXHIBIT "C"

WHITE CITY PENN  
EDDY CO., NEW MEXICO

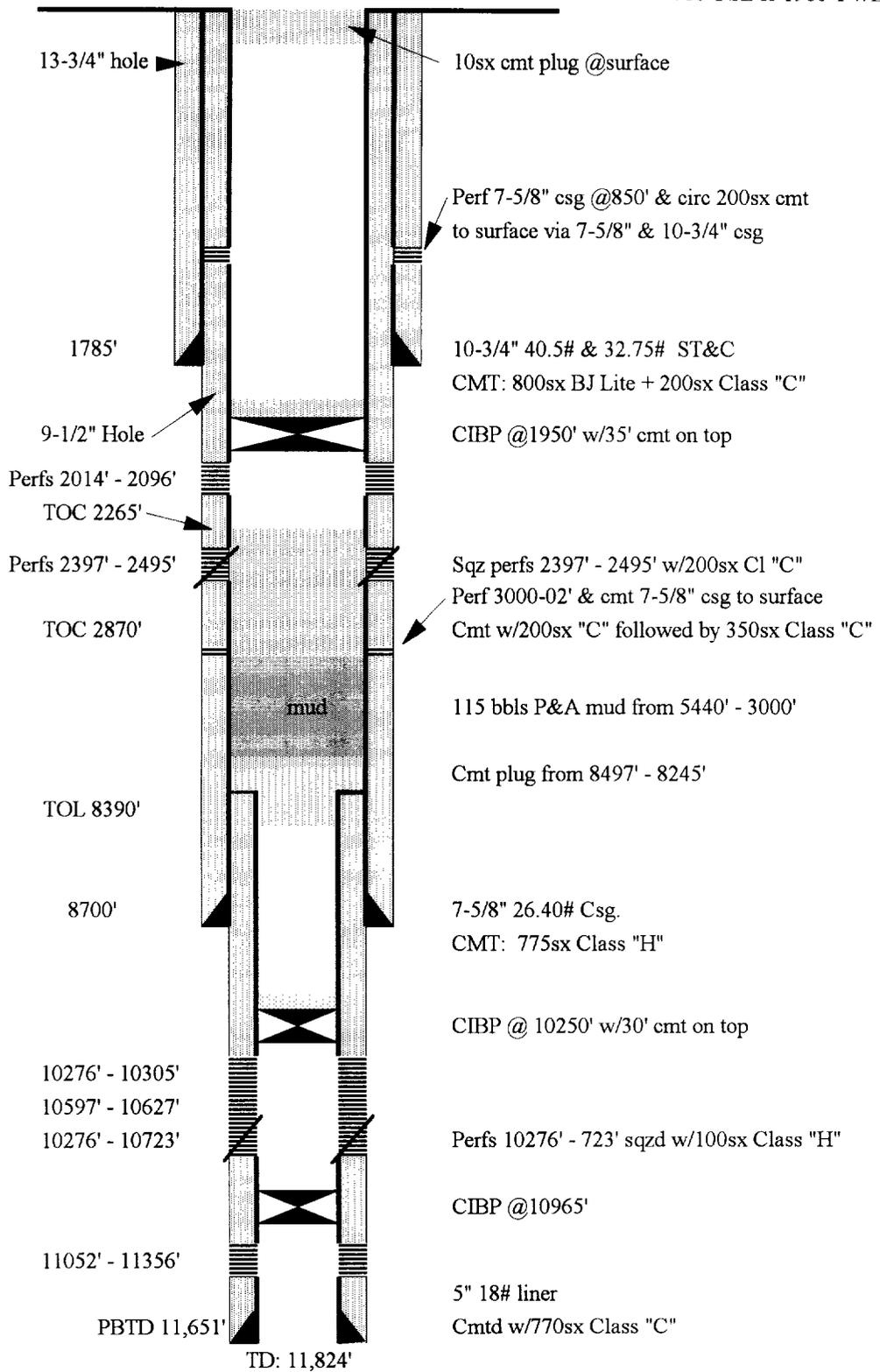
Spud Date Aug-80

P&A 12/26/89

Sec. 1 - T25S - R26E

760' FSL & 1980' FWL

KB:  
GL: 3315'



# GULF-FEDERAL NO.1

WILDCAT  
EDDY CO., NEW MEXICO

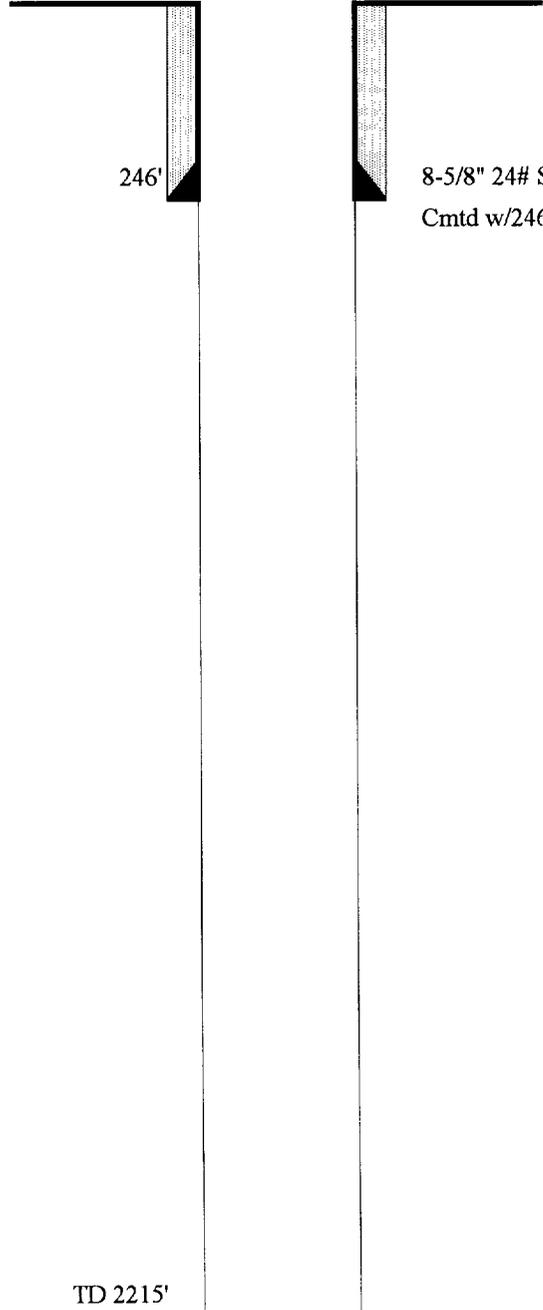
EXHIBIT "C"

WELL D&A

Spud Date: 11/17/58  
RR: 11/22/58

Sec. 11 - T25S - R26E  
660' FSL & 660' FWL

GL: 3,365



8-5/8" 24# Surface Casing  
Cmtd w/246sx

TD 2215'



**DALEN Resources  
Oil & Gas Co.**



Mr. J. Scott Hall

June 7, 1995

Miller, Stratvert, Torgerson & Schlenker, P.A.

125 Lincoln Avenue

Suite 221

Post Office Box 1986

Santa Fe, New Mexico 87504-1986

RE: Total Dissolved Solids

Proposed Middle Bell Canyon Water Disposal Zone

Dear Mr. Hall:

As per our conversation, DALEN does not have a water sample from the proposed water disposal zone and we are not aware of any other operator in the area who has perforated this zone and recovered such. However, in the recently drilled DALEN Resources Oil & Gas Co. #2 Murchison State "2", located 1,070 feet north of the proposed location, the sodium chloride (Na Cl) concentration can be calculated for the proposed injection zone from petrophysical parameters recorded on the well logs. Using the standard Permian Basin water saturation formula and assuming 100% water saturation in the pore spaces because no hydrocarbons were detected in the mud gas analysis, the calculations would be as follows:

$$\text{water saturation} = \sqrt{\phi^{2.1} \times R_w / R_t}$$

$$100\% = \sqrt{.2^{2.1} \times R_w / 3}$$

$$1 = .2^{2.1} \times R_w / 3$$

$$3 / .2^{2.1} = R_w$$

$$.12 = R_w$$

$\phi$  = density log porosity

Rt = measured resistivity of the formation

Rw = resistivity of the formation water

The Rw combined with the formation temperature of 85 Degrees F derived from gradient charts as well as extrapolations from nearby measured bottom hole temperatures yields of a Na Cl concentration of 52,000 ppm. This concentration is only part of the total dissolved solids in the formation and is above five times the limit of 10,000 ppm total dissolved solids as per OCD regulations.

Should you have further questions or need additional data, please advise.

Sincerely,



Ralph I. Nelson

Staff Geologist

RLN:dp

## Murchison 2 No. 1

### A) Disposal Interval

- 1) Depth 2304'-2420'
- 2) Porosity - 24%
- 3) Resistivity - 3.5  $\Omega$ -m
- 4) Temperature - 74° F

From Mud Logs - No show  
By all criteria - Zone is water bearing

- Assume zone is 100% wet

$$SW = \sqrt{\frac{1}{\phi^2} \frac{RW}{Rt}}$$

$$1.0 = \sqrt{\frac{1}{(.24)^2} \frac{RW}{(3.5)}}$$

$$1.0 = \sqrt{4.96 RW}$$

Square both sides

$$1.0 = 4.96 RW$$

$$RW = .20$$

From Log Charts - Schulumberger

$$PPM = 30,000+$$

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Instruction on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

**OIL CONSERVATION DIVISION**

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

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

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                     |  |                                    |
|---------------------|--|------------------------------------|
| API Number          | Pool Code  | Pool Name<br>Wildcat (Bell Canyon) |
| Property Code       | Property Name<br>MURCHISON STATE 2 SWD           | Well Number<br>1                   |
| OGRIB No.<br>016751 | Operator Name<br>DALEN RESOURCES OIL AND GAS CO. | Elevation<br>3338'                 |

**Surface Location**

| UI or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| F             | 2       | 25 S     | 26 E  |         | 330           | EAST             | 760           | SOUTH          | EDDY   |

**Bottom Hole Location If Different From Surface**

| UI or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                       |                 |                    |           |
|-----------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br>40 | Joint or Infill | Consolidation Code | Order No. |
|-----------------------|-----------------|--------------------|-----------|

NO ALLOWABLE WILL BE ASSGND TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|                    |   |  |
|--------------------|---|--|
| <p>EXHIBIT "F"</p> | <p><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p>Signature<br/>Cindy R. Keister<br/>Printed Name<br/>Supvr. Regulatory Compliance<br/>Title<br/>05/01/95<br/>Date</p>  |  |
|                    | <p><b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>APRIL 18 1995<br/>Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor<br/>7977</p> <p># 5132</p> |  |
|                    | <p>Certificate No. GARY L JONES. 7977</p>   |  |
|                    | <p>760'</p> <p>330'</p>   |  |



June 5, 1995

Chevron U.S.A. Production Company  
P.O. Box 1150  
Midland, TX 79702

Dalen Resources Oil and Gas Company  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206

Attention: Mr. Ralph Nelson

**Application of Dalen Resources  
Oil and Gas Company  
for a salt water disposal well,  
SE/SE Section 2-T25S-R26E,  
Eddy County, New Mexico**

Dear Ralph:

Chevron supports Dalen's application for the drilling of a water disposal well in the SE/SE Section 2-T25S-R26E, Eddy County, New Mexico. Per our phone conversation today, we will not appear at a hearing regarding your proposed well so that your application can be granted administratively. Please provide us a copy of your form C-108 when it is filed with the OCD.

Sincerely,

A handwritten signature in cursive script that reads "Dave Rittersbacher".

Dave Rittersbacher  
Senior Geologist

DJR/mjt  
15837.doc

**MILLER, STRATVERT, TORGERSON & SCHLENKER, P.A.**

CONSERVATION LAW OFFICES

RANNE B. MILLER  
ALAN C. TORGERSON  
KENDALL O. SCHLENKER  
ALICE TOMLINSON LORENZ  
GREGORY W. CHASE  
ALAN KONRAD  
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KAREN L. ACOSTA  
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MANUEL I. ARRIETA  
LEONARD D. SANCHEZ  
ROBIN A. GOBLE

RECEIVED

JUN 21 1995

ALBUQUERQUE, N.M.

500 MARQUETTE N.W., SUITE 1100  
POST OFFICE BOX 25687  
ALBUQUERQUE, N.M. 87125  
TELEPHONE: (505) 842-1950  
FAX: (505) 243-4408

LAS CRUCES, N.M.

277 EAST AMADOR  
POST OFFICE BOX 1209  
LAS CRUCES, N.M. 88004  
TELEPHONE: (505) 523-2481  
FAX: (505) 526-2215

FARMINGTON, N.M.

300 WEST ARRINGTON  
POST OFFICE BOX 869  
FARMINGTON, N.M. 87499  
TELEPHONE: (505) 326-4521  
FAX: (505) 325-5474

SANTA FE, N.M.

125 LINCOLN AVE., SUITE 221  
POST OFFICE BOX 1986  
SANTA FE, N.M. 87504-1986  
TELEPHONE: (505) 989-9614  
FAX: (505) 989-9857

WILLIAM K. STRATVERT, COUNSEL  
PAUL W. ROBINSON, COUNSEL

June 19, 1995

PLEASE REPLY TO SANTA FE

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, NM 87505

Re: Application of Dalen Resources Oil and Gas Company For  
Administrative Approval of Salt Water Disposal  
SE/SE Sec. 2, T-25-S, R-26-E, NMPM  
Eddy County, New Mexico

Dear Mr. LeMay:

Enclosed is an original and one copy of the Affidavit of Publication for the legal advertisement of the above application in the Carlsbad Current-Argus on June 14, 1995.

Very truly yours,

MILLER, STRATVERT, TORGERSON  
& SCHLENKER, P.A.



J. Scott Hall

JSH/ag

Enclosure

cc: Cindy Keister  
Jerry Anderson

# Affidavit of Publication

No 16666

State of New Mexico,  
County of Eddy, ss.

June 14, 1995

**NOTICE OF APPLICATION  
FOR APPROVAL OF SALT  
WATER DISPOSAL WELL  
EDDY COUNTY,  
NEW MEXICO**

Amy McKay,  
being first duly sworn, on oath says:

Dalen Resources Oil and Gas Company has filed an application with the New Mexico Oil Conservation Division for administrative approval for a salt water disposal well to be drilled at a location 760 feet from the south line and 330 feet from the east line of Section 2, Township 25 South, Range 26 East, NMPM, Eddy County New Mexico. Applicant proposes to dispose of produced salt water into the Bell Canyon member of the Delaware formation through the perforated interval from approximately 2,304 feet to 2,428 feet at an expected maximum injection rate of 5,000 barrels per day at a maximum injection pressure of 500 psi. Interested parties must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 87504-2088 within 15 days. For further information, contact J. Scott Hall, Miller, Stratvert, Torgerson & Schlenker, P.A., P.O. Box 1986, Santa Fe, NM 87504-1986, 505-989-9614.

That she is Business Manager of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the state wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

June 14, 19 95  
\_\_\_\_\_, 19\_\_\_\_  
\_\_\_\_\_, 19\_\_\_\_  
\_\_\_\_\_, 19\_\_\_\_  
\_\_\_\_\_, 19\_\_\_\_  
\_\_\_\_\_, 19\_\_\_\_

That the cost of publication is \$ 24.53, and that payment thereof has been made and will be assessed as court costs.

Amy McKay

Subscribed and sworn to before me this

15<sup>th</sup> day of June, 19 95

Donna Crump

My commission expires 8/01/98  
Notary Public

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