

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance X \_\_\_\_\_ Disposal \_\_\_\_\_ Storage  
Application qualifies for administrative approval? X Yes \_\_\_\_\_ No

II. OPERATOR: Dakota Resources, Inc.

ADDRESS: 911 N. Midkiff, Midland, Texas 79701

CONTACT PARTY: Alan Roberts PHONE: 915/697-3420

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 X \_\_\_\_\_ No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_

MAR 29 2001

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 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: Alan Roberts TITLE: Supt.

SIGNATURE: Alan Roberts DATE: 3-21-01

\* 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: \_\_\_\_\_

### 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 the 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.

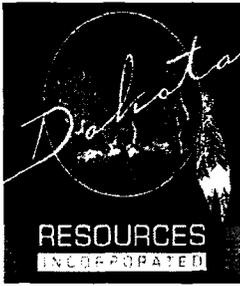
Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (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, 2040 South Pacheco, Santa Fe, New Mexico 87505, 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.



Dakota Resources, Inc.

911 N. Midkiff,

Midland, TX 79701

915/697-3420

Re: Answers to NM OCD form C-108

- | Item | Answer   |
|------|--|
| V    | Map attached showing all wells w/ in 2 miles and the 1/2 mile radius circle for the "Area of Review".  |
| VI   | see attached table - Tabulation of well data<br>see attached schematics on two P&A'd wells within the "Area of Review"   |
| VII  | <ol style="list-style-type: none"><li>1. Proposed average injection rate is 1500 bbls produced water per day with a maximum rate of 2,000 BWPD.</li><li>2. The system is to be closed.</li><li>3. Injection pressure should average 500 psig with a maximum of 1000 psig.</li><li>4. Source of water is from two producing wells - Bass Fenton 7 Federal # 1 and Dakota's Big Eddy Unit # 98 well along with other produced water that will be trucked into the Big Eddy Unit # 100 (Whistle Stop Disposal Facility). 100 % of the fluid will be brine water produced from oil and gas wells.</li></ol> <p>See attached water analysis.</p> <ol style="list-style-type: none"><li>5. The disposal zone is productive of oil and gas in the area.</li></ol> |
| VIII | Geologic Data <ol style="list-style-type: none"><li>1. Delaware Formation - Bell Canyon</li><li>2. Lithology - sandstone</li><li>3. 389 feet thickness overall</li><li>4. 3,120' depth to midpoint of proposed interval ( 2,926' to 3,315')</li><li>5. Geologic name and depth of drinking water - Quaternary Alluvium-surface water.</li></ol>  |
| IX   | No stimulation program is proposed.  |
| X    | Well logs on file. Production test information on file.  |
| XI   | No fresh water wells exist within 1 mile of the proposed well.   |
| XII  | I, Alan Roberts 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.<br><br>Alan Roberts  |
| XIII | Proof of Notice for surface owner, offset operators and proof of publication is attached.  |

INJECTION WELL DATA SHEET

OPERATOR: Dakota Resources, Inc.

WELL NAME & NUMBER: Federal Trigg # 1 (30-015-25006)

WELL LOCATION: 1980' FSL & 660' FWL UNIT LETTER: L SECTION: 7 TOWNSHIP: T-21-S RANGE: R-28-E

FOOTAGE LOCATION: \_\_\_\_\_

WELLBORE SCHEMATIC

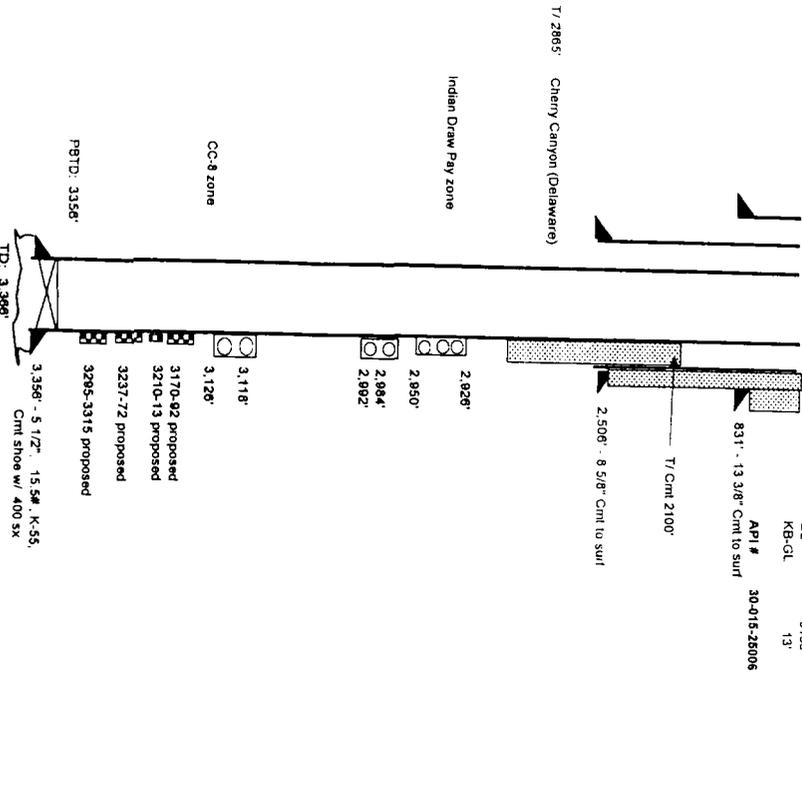
WELL CONSTRUCTION DATA

Surface Casing

TRIGG FEDERAL # 1  
 1980' FSL & 660' FWL  
 L-7-T21S-R28E  
 Eddy Co., NM  
 Fenton NW Delaware Field

KB	3188
GL	3155
KB-GL	13'

API # 30-015-25006  
 831' - 13 3/8" Cmt to surf



Hole Size: 17 1/2" Casing Size: 13 3/8"

Cemented with: 1500 sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circ'd

Intermediate Casing

Hole Size: 12 1/4" Casing Size: 8 5/8"

Cemented with: 1550 sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circ'd

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2"

Cemented with: 400 sx. or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement: 2100' Method Determined: Temp. Log

Total Depth: 3,366'

Injection Interval

2,926' feet to 3,315' Perfs.

(Perforated or Open Hole; indicate which)

**INJECTION WELL DATA SHEET**

Tubing Size: 2 7/8" Lining Material: Rice-Duoline

Type of Packer: AD-1 plastic coated

Packer Setting Depth: + / 2,876'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? Yes  No

If no, for what purpose was the well originally drilled? Production

2. Name of the Injection Formation: Delaware

3. Name of Field or Pool (if applicable): N.W. Fenton Delaware

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. none

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

No overlying oil or gas zones have been found in area of review

No underlying oil or gas zones have been found in area of review

**CERTIFIED STATEMENT**

**Federal Trigg # 1 lease  
OFFSET PRODUCER LIST**

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Bass Enterprises Production Co.  
PO Box 2760  
Midland, TX 79702  
Attn: John Smitherman-Div Manager

Permian Resources  
P.O. Box 590  
Midland, TX 79702

**SURFACE OWNER**

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Bureau of Land Management  
620 E. Greene St.  
Carlsbad, New Mexico 88220-6292

**NEWSPAPER**

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Current-Argus  
PO Box 1629  
Carlsbad, NM 88220

A letter and a copy of form C-108 were mailed today, March 20, 2001, to the above named offset operators and landowner. The newspaper was notified March 6, 2001. I certify this to be true and correct.

Dakota Resources, Inc



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Alan Roberts

Supt.

(915) 697-3420

**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:

base Enterprises  
PO BOX 2760  
Middletown NJ 079702

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) Gynda Bradley B. Date of Delivery 3-21-2001

C. Signature  Gynda Bradley  Agent  Addressee

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 (Copy from service label)

7099-3400-0017-1743-1729

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

**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:

Bureau of Land Management  
620 E Greene St  
Carlsbad NM 88220

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) Melissa Wadling B. Date of Delivery 3-2-01

C. Signature  Melissa Wadling  Agent  Addressee

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 (Copy from service label)

7099-3400-0017-1743-1705

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

**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:

Petroleum Resources  
PO BOX 590  
Middletown NJ 079702

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) PO. Gullas B. Date of Delivery MAR 22 2001

C. Signature  PO. Gullas  Agent  Addressee

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 (Copy from service label)

7099-3400-0017-1743-1712

PS Form 3811, July 1999

Domestic Return Receipt

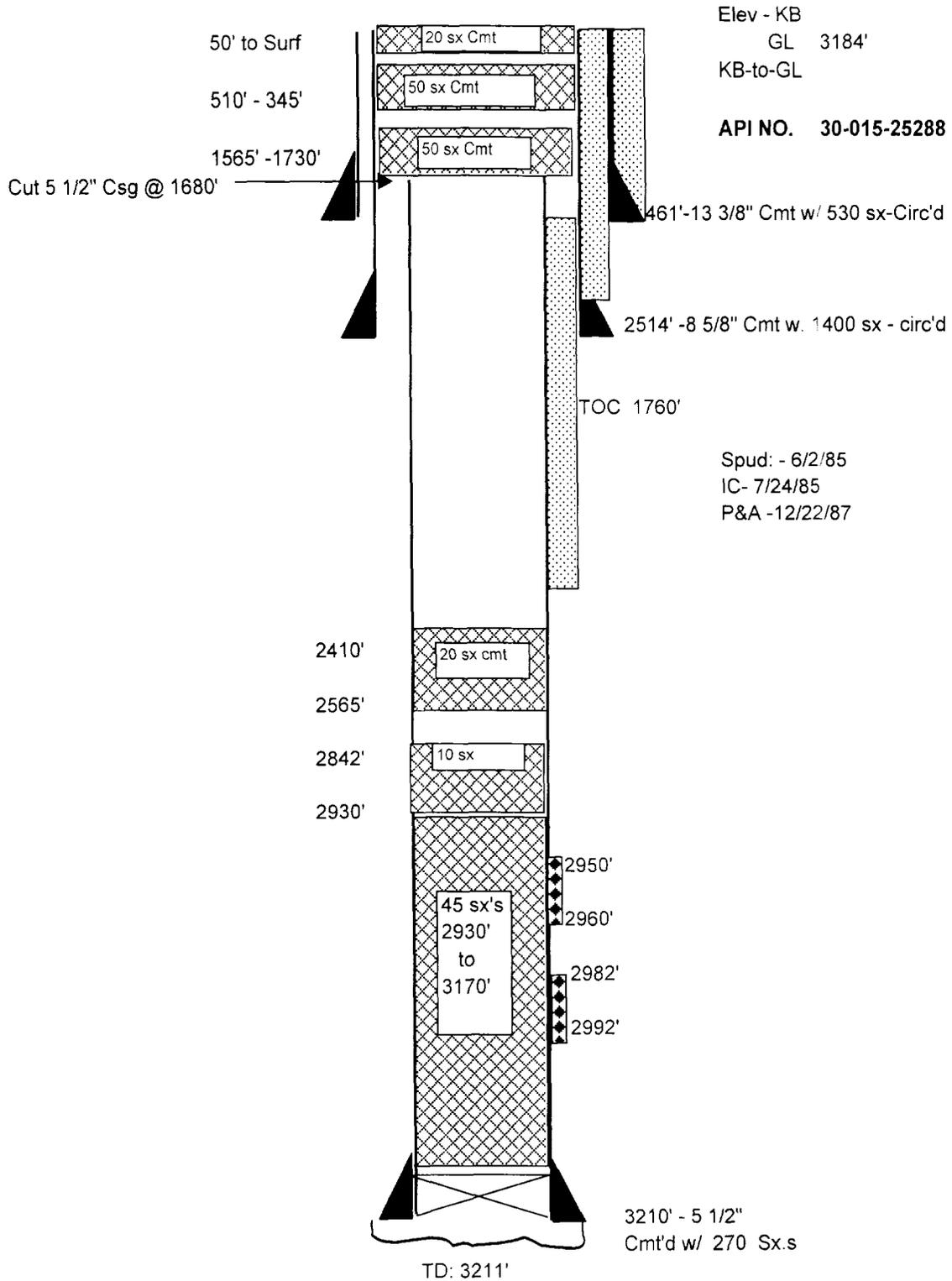
**Section VI of C-108**  
**Well Data in Area of Review**  
**Application for Authority to Inject**  
**Federal Trigg # 1 7-21S-28E**  
**Eddy Co., NM - NW Fenton Delaware Field**

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Operator	Well Name-#	Status	Spud Date	Location Q-Q-Sec	Total Depth	Perfs
Dakota Resources	Big Eddy Unit # 98	P	1/18/84	SE NW 7	9050	2942-2976; 3122-3130; 3145-3160'
Bass Enterprises	Fenton 7 Federal # 1	P	6/28/94	SW NW 7	3300	3116-3140
Bass Enterprises	Fenton 7 Federal # 3	P&A	2/4/96	SE SW 7	3400	Dry hole-never completed
Merit	Government D # 6	P	9/27/85	SE NE 12	5735	3114-3136
J.M. Huber	Federal 12 # 1	P	6/3/85	NE SW 12	3211	2590-2592

# JM Huber- Federal 12 # 1

2310' FSL & 990' FEL  
 Sec 12, T-21-S, R-27-E  
 Eddy Co., NM  
 NW Fenton Field



# Bass - Fenton 7 Federal 3 3

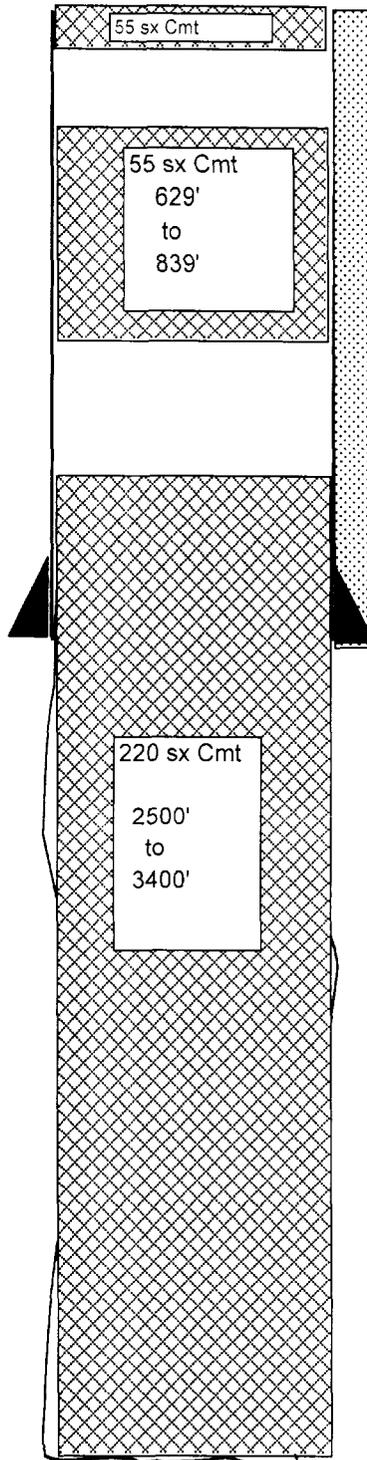
990' FSL & 2280' FWL ( N )

Sec 7, T-21-S, R-28-E

Eddy Co., NM

NW Fenton Field

Surface  
to 200'



Elev - KB

GL

KB-to-GL

API NO. 30-015-28713

2793' -8 5/8" Cmt w. 615 sx - circ'd

Spud: - 2/1/96

P&A -2/5/96

TD: 3400'

# Affidavit of Publication

No 21283

State of New Mexico,  
County of Eddy, ss.

Dawn Higgins

being first duly sworn, on oath says:

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:

<u>March 14</u>	,	<u>2001</u>
_____	,	<u>2001</u>

That the cost of publication is \$ 33.36, and that payment thereof has been made and will be assessed as court costs.

Dawn Higgins

Subscribed and sworn to before me this

14 day of March, 2001  
Romaine Deporte

My commission expires 5/25/03  
Notary Public

March 14, 2001

### PUBLIC NOTICE

#### NOTICE OF APPLICATION FOR FLUID INJECTION WELL PERMIT

Dawn Resources, Inc., 9714 Midkiff, Midland, TX, is applying to the Oil Conservation Division, New Mexico for a permit to inject fluid into a formation which is productive of oil and gas. The contact person is Alan Roberts at 87504 8420 or the above address.

The applicant proposes to inject fluid into the Delaware formation in the Federal Trigg #1. The proposed injection well is located 1980' FSL & 660' FWL, Unit L, Sec 7, T21N, R28E, Eddy County, New Mexico, NW Fenwick Lease Field. Injection will be through perforations 2926' to 3,315'. The maximum rate will be 200 bbl with a maximum pressure of 1000 psi.

Interested parties must file objections or requests with the Oil Conservation Division, P.O. Box 6429, Santa Fe, New Mexico 87504 within 15 days.



# Pro-Kem, Inc.

## WATER ANALYSIS REPORT

### SAMPLE

Oil Co. : Dakota Resources  
 Lease : Big Eddy Fed.  
 Well No.: # 98  
 Lab No. : F:\ANALYSES\Aug1500.002

Sample Loc. :  
 Date Analyzed: 15-August-2000  
 Date Sampled : 09-August-2000

### ANALYSIS

1. pH 5.780
2. Specific Gravity 60/60 F. 1.103
3. CaCO<sub>3</sub> Saturation Index @ 80 F. -0.341  
 @ 140 F. +0.549

#### Dissolved Gasses

	MG/L	EQ. WT.	*MEQ/L
4. Hydrogen Sulfide	400		
5. Carbon Dioxide	100		
6. Dissolved Oxygen	Not Determined		

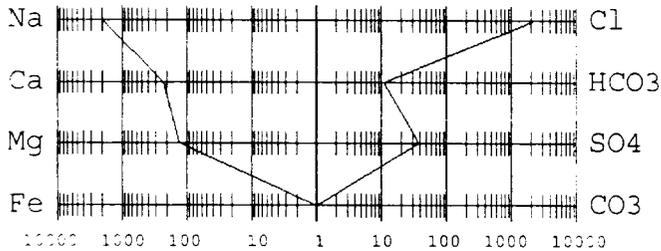
#### Cations

7. Calcium (Ca <sup>++</sup> )	4,422	/ 20.1 =	220.00
8. Magnesium (Mg <sup>++</sup> )	1,490	/ 12.2 =	122.13
9. Sodium (Na <sup>+</sup> ) (Calculated)	45,051	/ 23.0 =	1,958.74
10. Barium (Ba <sup>++</sup> )	Not Determined		

#### Anions

11. Hydroxyl (OH <sup>-</sup> )	0	/ 17.0 =	0.00
12. Carbonate (CO <sub>3</sub> <sup>=</sup> )	0	/ 30.0 =	0.00
13. Bicarbonate (HCO <sub>3</sub> <sup>-</sup> )	635	/ 61.1 =	10.39
14. Sulfate (SO <sub>4</sub> <sup>=</sup> )	1,750	/ 48.8 =	35.86
15. Chloride (Cl <sup>-</sup> )	79,982	/ 35.5 =	2,253.01
16. Total Dissolved Solids	133,330		
17. Total Iron (Fe)	2	/ 18.2 =	0.11
18. Total Hardness As CaCO <sub>3</sub>	17,179		
19. Resistivity @ 75 F. (Calculated)	0.054 /cm.		

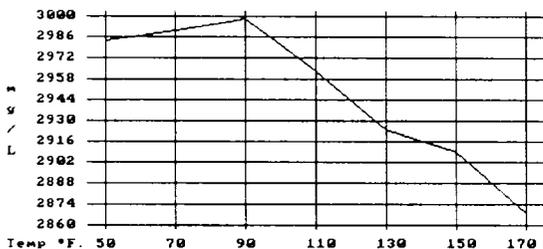
#### LOGARITHMIC WATER PATTERN \*meq/L.



#### PROBABLE MINERAL COMPOSITION COMPOUND EQ. WT. X \*meq/L = mg/L.

Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04	10.39	842
CaSO <sub>4</sub>	68.07	35.86	2,441
CaCl <sub>2</sub>	55.50	173.75	9,643
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17	0.00	0
MgSO <sub>4</sub>	60.19	0.00	0
MgCl <sub>2</sub>	47.62	122.13	5,816
NaHCO <sub>3</sub>	84.00	0.00	0
NaSO <sub>4</sub>	71.03	0.00	0
NaCl	58.46	1,957.14	114,414

#### Calcium Sulfate Solubility Profile



\*Milli Equivalents per Liter

This water is somewhat corrosive due to the pH observed on analysis. The corrosivity is increased by the content of mineral salts, and the presence of H<sub>2</sub>S, CO<sub>2</sub> in solution.

Section VI of G-108  
 Well Data in Area of Review - Construction Data  
 Application for Authority to Inject  
 Federal Trigg # 1 7-24S-28E  
 Eddy Co., NM - NW Fenton Delaware Field

Operator	Well Name #	Status	Spud Date	Location Q-Q-Sec	Total Depth	Surface Casing			Production Casing					
						Perfs	Size	Depth	Cmt -sx	Cmt-Top	Size	Depth	Cmt -sx	Cmt-Top
Dakota Resources	Big Eddy Unit # 98	P	1/18/84	SE NW 7	9050	2942-2976, 3122-3130, 3145-3160	13 3/8	359'	430	Circ'd	5 1/2	3357	250	1830' (Temp Log)
Bass Enterprises	Fenton 7 Federal # 1 P	P	6/28/94	SW NW 7	3300	3116-3140	9 5/8	1200'	635	Circ'd	5 1/2	3300'	575	Circ'd
Bass Enterprises	Fenton 7 Federal # 3 P&A	P&A	2/4/96	SE SW 7	3400	Dry hole	See schematic of plugging				See schematic of plugging			
Ment	Government D # 6 P	P	6/27/85	SE NE 12	5735	3114-3136	13 3/8	650'	650	Circ'd	5 1/2	3200'	250	1570'-Calc'd
J.M. Huber	Federal 12 # 1 P&A	P&A	6/3/85	NE SW 12	3211	2590-2592	See schematic of plugging				See schematic of plugging			

12-218-272

by CAR

160960

RECEIVED BY  
NOV 26 1985  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
O. C. DAVIS  
MISSISSIPPI  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

SF

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL  DEEPEN  Amended PLUG BACK  \*

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 The Superior Oil Company

3. ADDRESS OF OPERATOR  
 Post Office Box 633, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1950' N 660' E  
~~660' E~~ ~~1980' E~~ of Section 12.  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 8.5 miles NE from Carlsbad, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 950' NW  
 660' North

16. NO. OF ACRES IN LEASE  
 776.2

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1320'

19. PROPOSED DEPTH  
 3185' PB

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3189' GR

22. APPROX. DATE WORK WILL START\*  
 started 9-27-85

5. LEASE DESIGNATION AND SERIAL NO.  
 NM-17095

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 -

7. UNIT AGREEMENT NAME  
 -

8. FARM OR LEASE NAME  
 Government D

9. WELL NO.  
 6

10. FIELD AND POOL, OR WILDCAT  
 Fenton-Delaware, Northwest

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 12, T-21-S, R-2, E

12. COUNTY OR PARISH  
 Eddy

13. STATE  
 NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	650'	650 sx circ to surface
12-1/4"	8-5/8"	24 #	2650'	1000 sx circ to surface
7-7/8"	5-1/2"	14 #	3200'	250 sx circulated

Cmtg. Data:

13-3/8" cmtd w/650 sx C, 2% CaCl w/1/4 #1 sx FC.  
 8-5/8" cmtd w/1000 sx Lite, 10# SLAL, 1/4# FS + 300 sx C, 2% CaCl<sub>2</sub>, circ 240 sx to surface.  
 5-1/2" cmtd w/250 sx C.

Cmt. Plugs:

Set 150 sx Class C cmt plug @ 5735' w/top of plug @ 5350', spot 20 bbl.80 vis gel pill, circ.  
 Set 100 sx Class C, 2% CaCl<sub>2</sub> @ 3400'.

The above procedure was verbally approved by telephone conversation between Mobil's A. D. Bond and BLM employee in November 1985.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED G. E. Tate G. E. Tate TITLE Env. & Reg. Manager DATE 11-20-85  
 As Agent for The Superior Oil Company  
 (This space for Federal or State use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:



**FAX**

To: **New Mexico OCD**  
Attention: **David Catanach**

Date: **6/6/01**

fax 505/476-3471

From: Alan Roberts  
Dakota Resources -Midland  
915/ 697-3420  
fax 697-3400

Sheets: **2** Including this cover

**RE: Applic to Inject -Trigg -Big Eddy Unit # 98 Plugs**

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**Attached is a wellbore schematic showing open hole plugs  
set in the Big Eddy Unit # 98.**

### Big Eddy Unit # 98

2180' FNL & 1980' FWL  
Sec 7, T-21-S, R-28-E  
Eddy Co., NM  
Fenton (Delaware) Field

Elev: KB 3,173'  
GL 3,160'  
KB - GL 13'

