



ENVIRONMENTAL CONCERN DIVISION

SECTION 17C

1994 JUN 1 9 48 50

EDDY POTASH, INC.

POST OFFICE BOX 31  
CARLSBAD, NEW MEXICO 88220

PHONE (505) 887-2844  
FAX (505) 885-0374

June 1, 1994

Mr. David Catanach  
New Mexico Oil Conservation Commission  
P.O. Box 2080  
Santa Fe, New Mexico 87501

RE: Application by TOPAT Oil Corp. to dispose of water in a well number  
State "2" located 660 FSL, 980 FWL, Sec. 17, T20S, R30E, NMPM, Eddy  
County, New Mexico.

Dear David:

We are responding to the application filed with your office as published in  
the Carlsbad Current Argus on May 11 & 19, 1994. Eddy Potash, Inc., would  
like to file a list of concerns about the proposed injection well with your  
office to be considered prior to approval of the application. These  
concerns and the basis for our interest in the application are as follows:

1. Eddy Potash operates an underground potash mine and has extensive  
open underground workings in the area of the State "2" well  
location.
2. Mining activity in the area of the State "2" well was conducted  
on a limited basis to provide adequate assurances that the  
integrity of the well string through the potash zone would not be  
compromised. The limited extraction in the area surrounding the  
well provides a reasonable safety factor to a production well,  
however, considerations were not made to account for inducing  
abnormal pressures into the well string. We would be concerned  
that these factors be considered and the final installation of  
the injection well system assure that the integrity of the well  
string be designed and maintained to prevent the introduction of  
gas or fluid from the well into the mine environment prior to  
approval of the application.
3. The introduction of the relatively fresh (unsaturated) water  
below the mine level has the potential of dissolving salt it may  
come into contact with. I have no idea without further study as  
to the potential effect this would have on any stress realignment  
that could affect the open mine workings in the area of the well.  
As a worst case, should the water dissolve a cavity in the salt  
large enough to force concentration of stresses into pillars not  
designed for the increased load, we would realize pillar failure  
which would be extremely difficult to predict. Our concern in  
this area would therefore be to insure that such an event would  
not occur.

4. Eddy Potash has a mine shaft (the "South" shaft) in operation in Section 17, also. It is located approximately 2,100 feet NNW of the State "2" well location. Potential ground movement in the area of the shaft as well as the potential introduction of any fresh water in the strata would be a concern which we would need to address and be assured would not occur as a result of the injection well operation.
5. The mining activity discussed in (2) above was conducted on a limited basis in the immediate area of the well location. We have left a substantial amount of potentially minable potash ore due to the presence of the well. If the well is not considered to be profitable to operate or another alternative is available for the disposal of the fresh water generated by the oil production operations, we would like the opportunity to be involved in the plugging and abandonment of the well in order to recover the potash resources remaining in the area of the well.

Since I talked with you May 23, a meeting was arranged with Mr. Thomas Sneider of TOPAT and with Mr. Ray Smith and Mr. Ken Livingston of OCC, Artesia office, at our minesite on May 31. Mr. Smith related at the meeting that a hearing was to be scheduled for the application before approval would be given for the injection well. Our discussions at the meeting went well concerning the application and Mr. Sneider did a good job of educating us as to their proposal for the injection well installation. At this point we would appreciate being involved in any further proceedings on this matter, particularly as to determining the impact, if any, an injection well would have on our mining operation.

If any further information or assistance is required by your office, please contact either Mr. Jim Ryan, Vice President of Operations, or myself at (505) 887-2844. Thank you for your attention in this matter.

Sincerely,



Robert F. Kirby  
Chief Mine Engineer

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage  
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: TOPAT OIL CORPORATION  
Address: 505 NORTH BIG SPRING, STE. 204, MIDLAND, TEXAS 79701  
Contact party: THOMAS E. SCHNEIDER - OPER. REP. Phone: (915) 682-6340
- 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 \_\_\_\_\_ well's area of review.
- \* VI. Attach a tabulation of data or \_\_\_\_\_ record within the area of review which penetrate the proposed inject \_\_\_\_\_ all include a description of each well's type, construction, data \_\_\_\_\_ 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: TOM SCHNEIDER Title: PRESIDENT  
Signature: *Thomas E. Schneider* Date: MAY 12, 1994
- \* 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. \_\_\_\_\_

## 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, P. O. Box 2088, Santa Fe, New Mexico 87501 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.

**MADE A PART OF APPLICATION FOR PERMIT  
TO DISPOSE OF PRODUCED WATER**

I. PURPOSE: DISPOSAL

II. TOPAT OIL CORPORATION  
505 NORTH BIG SPRING, STE. 204  
MIDLAND, TEXAS 79701

Thomas E. Schneider (915) 682-6340

III.

A.

1. Lease name: State

Well: #2

Legal description: Sec. 17, T-20, R-30-N, Eddy County,  
NM, 660 FSL, 1980 FWL.

2.

<u>SIZE CSG.</u>	<u>DEPTH SET</u>	<u>CEMENT</u>	<u>HOLE SIZE*</u>	<u>CEMENT TOP</u>
8 5/8	416'	50 SX	12 1/4	304' CALCULATED
7	1443'	50 SX	7 7/8	1200' CALCULATED

**REMEDIAL CEMENT WORK**

Annulus between 7" and hole was cement squeezed from 1060 - 280 with 120 sx, top cement 280' by temp. svy.

Annulus between 7" and hole was cement aged from 125' - surface.

**PROPOSED CASING PROGRAM**

Run string 5 1/2" 14 or 15.5# casing from GL to +/- 1420, cement to surface with 100 sx cement. After 48-72 hour setting time drill out cement and deepen the hole in 7 rivers formation, if necessary, to a depth of 1600 to open additional 7 rivers porosity.

3. Propose to use J55 3 1/2", 9.3# IJ, PL tubing, set in interval 1350-1400.

4. Propose to use Baker AD1 pkr set +/- 1350'.

B.

1. Injection Formation: 7 rivers, Barber field

2. Injection interval: 1443-1600 open hole


3. Originally producing oil well

4. Plan to use original productive area of the 7 rivers for injection, well is structurally low in the field, no other perforated intervals in the well.

5. No other oil or gas zones are located in this area that we are aware of, possible Delaware production at +/- 3600 but no wells within 1 mile have penetrated this interval.

**\*AS NO RECORD OF HOLE SIZE WAS FOUND; USED AS TO HOLE SIZE IN  
FILL UP CALCULATIONS.**

- IV. Is this and expansion of an existing project: - No
- V. Map attached to this application.
- VI. See attached table.
- VII. 1.) Propose maximum rate of 5 BWPM, 5000 BWPD.  
2.) Closed system serving only wells in the Barber Field.  
3.) Projected injection pressures to be between 0 and 400 PSI surface pressure.  
4.) Analysis of produced 7 rivers water attached.
- VIII. Injection zone is in seven rivers porous dolomite approximately 20 feet net thickness at a depth of 1575'.  
Depth of surface water which is highly mineralized and salty is from 25' to 75', but is not fit for drinking by humans or animals.  
The waters immediately underlying the seven rivers would be sulfurous or salty as there is no known fresh water underlying.
- IX. 15% HCL Acid will be used from time to time to clean up scale, etc.
- X. No log is available on this well; it was drilled in 1938 with cable tools, it is our intention to run a GRN log during the workover operations. I have enclosed a log copy from the AMOCO Production Co. Federal "E" Well #1 located in Sec. 21, T-20-S, R-30-E, one mile to the East of the proposed disposal well which I feel is representative at the 7 rivers section. We will forward a log of this injection well when it becomes available.
- XI. There is no usable drinking water in this area, some water is located between 25-75' but is highly mineralized and salty, ranches in the area get their water from the Potash mines who pipe it in from the Cap Rock.
- XII. According to my examination of geological and engineering data in the immediate review area of the proposed disposal well located in Sec. 17, T-20-S, R-30-E, Eddy County, NM. I found no evidence or indication of vertical faults or possible means of communication between the proposed disposal zone (7 rivers) and any possible potable water.

  
Thomas Schneider  
Geologist

VI.

<u>WELL NAME</u>	<u>LOCATION</u>	<u>TYPE</u>	<u>CASING</u>	<u>CEMENT</u>	<u>DATE DRILLED</u>	<u>COMPLETION INTERVAL</u>
STOVALL-WOOD #2	660 FNL, 1980 FWL SEC. 20	OIL	8 1/2 32# 392 7" 17# 1404	50 SX 50 SX	1937	OH 1404-35
STOVALL-WOOD #3	1650 FNL, 2310 FWL SEC. 20	OIL	8 5/8 32# 421 7" 20# 1306	100 SX 200 SX	1953	OH 1306-70
*****						
COLZIGER #1	660 FNL, 1980 FEL SEC. 20	OIL	8 1/4 32# ??? 7 17# ???	50 SX 50 SX	1937	OH 1436-1545
COLZIGER #3	1650 FNL, 2310 FEL SEC. 20	OIL	8 5/8 422 7" 20# 1315	100 SX 200 SX	1954	OH 1315-1553
*****						
STATE #1A	330 FSL, 1980 FEL SEC. 17	OIL	8 1/2 28# 420 7 17# 1450	50 SX 50 SX	1938	OH 1450-1575
STATE #4A	660 FNL, 1980 FWL SEC. 17	OIL	8 5/8 28# 438 7" 22# 1478	50 SX 50 SX	1942	OH 1478-1539
*****						

#### XIV. PROOF OF NOTICE

Proof of publication in a local newspaper is attached. This application has been simultaneously sent to the State Land Office (who own the surface) by registered mail, and a copy of the stub will be furnished when received. No other lease operators are located within 1/2 a mile with the nearest production to this field being 1 mile away in the Dos Hermanos Field.





## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL	X	REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

October 31, 1952

(Date)

Carlsbad, New Mexico

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Neil Wills

(Company or Operator)

State

(County)

Pennsylvania Drilling Company

(Contractor)

Well No. 1 in the NW 1/4 NW 1/4 of Sec. 20

T. 20S, R. 30E, NMPM, Barber Pool, Eddy County.

The Dates of this work were as follows: Started October 10, 1952, Completed October 23, 1952

Notice of intention to do the work (was) (was not) submitted on Form C-102 on June 19, 1952, (Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Hole was cleaned with cable tools and depth measured. "Calseal" plug was set from 1452' to 1463'. "Hydromite" plug was set on this to 1469. Casing was gun perforated at 1342 and Halliburton attempted to circulate brine. Failing in this, casing was again gun perforated at 1125' and circulation was again attempted. A small amount was visible on the surface, so a 50% Portland, 50% "Pozzmix" cement mixed with 6-1/2 gallons brine/sack was pumped into the formation until 600 sacks had been used. 7" casing was filled to 353' and allowed to set 3 days. 7" casing was ripped and recovered from 328'. 8-5/8" casing was shot at 315' and 20 sack cement plug set with cable tools. 8-5/8" casing filled with pea gravel to 155'. A 10 sack cement plug was set to 120'. Hole filled to surface with gravel and 3 sack surface plug and 4" x 5' pipe marker erected.

Witnessed by Quiritt J. Jordan Potash Company of America Exploration Engineer

(Name)

(Company)

(Title)

Approved:

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name D. E. ProtzPosition Chief of ExplorationRepresenting Potash Company of AmericaAddress Box 31, Carlsbad, New Mexico

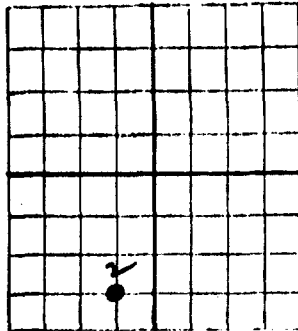
OIL AND GAS INSPECTOR

(Title)

NOV 4 1952

(Date)

## NEW MEXICO OIL CONSERVATION COMMISSION



AREA 640 ACRES  
LOCATE WELL CORRECTLY

Santa Fe, New Mexico

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (D). SUBMIT IN TRIPLICATE.

Neil H. Wills Box 529, Carlsbad, New Mexico  
Company or Operator Address  
State        Well No. 2 In SE1/4 of Sec. 17 T. 20 S.  
Lease  
R. 30 E N. M. P. M. Barber Field,        Eddy County.  
Well is 660 feet south of the North line and 1980 feet east of the East line of Sec. 17  
If State land the oil and gas lease is No. B-2386 Assignment No. 1  
If patented land the owner is        Address         
If Government land the permittee is        Address         
The Lessee is Neil H. Wills Address Box 529, Carlsbad, N. Mex.  
Drilling commenced July 20 1942 Drilling was completed August 13 1942  
Name of drilling contractor Owner Address         
Elevation above sea level at top of casing 3220 feet.  
The information given is to be kept confidential until        19      

## OIL SANDS OR ZONES

No. 1, from 1392 to 1396 show oil No. 4, from        to         
No. 2, from 1457 to 1484 oil pay No. 5, from        to         
No. 3, from        to        No. 6, from        to       

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 70 to 75 feet.  
No. 2, from        to        feet.  
No. 3, from        to        feet.  
No. 4, from        to        feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADED PER INCH	MAKE	AMOUNT	KIND OF JOINT	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>8-5/8 28#</u>	<u>8</u>	<u>416</u>	<u>      </u>	<u>416</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>Water Shut-off</u>
<u>7"</u>	<u>22#</u>	<u>8</u>	<u>      </u>	<u>1443</u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>      </u>	<u>Oil string</u>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WEIGHT SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8-5/8	416	50	Halliburton	Heavy	50 sac
	7"	1443	50	Dumped		

## PLUGS AND ADAPTERS

Heaving plug—Material        Length        Depth Set         
Adapters—Material        Size       

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**MISCELLANEOUS REPORTS ON WELL**

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well and other important operations, even though the work was witnessed by an agent of the commission. Reports on casing operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	<b>X</b>
REPORT ON RESULT OF PLUGGING OF WELL			

Carlsbad, New Mexico

February 4, 1942

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the \_\_\_\_\_

Neil H. Wills et al

State "A"

Well No. 1-A in the \_\_\_\_\_

COMPANY OR OPERATOR

LEASE

SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  of Sec. 17, T. 20S, R. 30E, N. M. P. M.,

Barber

Field,

Eddy

County

The dates of this work were as follows: 12-27-41 to 1-3-42

Notice of intention to do the work was (was not) submitted on Form C-102 on January 5, 1942  
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words)

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

Old total depth was 1476 feet. The hole was deepened to present total depth of 1575 feet. Before deepening the well was pumping 3 BEPH - 30% water. After deepening there was no apparent change in production over a two weeks period.

LOG: 1476-97 Lime

1497-- 1506 Sand

1506--1575 Lime

Possible increase in oil was found from:

1476-86

1529-39

1550-54

Witnessed by \_\_\_\_\_  
Name \_\_\_\_\_ Company \_\_\_\_\_ Title \_\_\_\_\_

Subscribed and sworn to before me this 5th

I hereby swear or affirm that the information given above is true and correct.

day of February, 1942

Name Neil H. WillsPosition OwnerRepresenting Neil H. Wills et al

Company or Operator

My Commission expires 2/2/42Address Box 529, Carlsbad, New Mexico

Remarks:

Dorothy Garbrough  
Name  
GAS INSPECTOR  
Title

## Legals.....100

April 21, 26, 1994  
May 5, 12, 1994

FIFTH JUDICIAL  
DISTRICT COURT  
COUNTY OF EDDY  
STATE OF NEW MEXICO

BETTY RUGGS,

Petitioner,

vs.

JOE RUGGS,

Respondent.

NO. DR-94-222-W

NOTICE OF PENDENCY OF  
PROCEEDING AND FILING  
OF PETITION FOR  
DISSOLUTION OF  
MARRIAGE

STATE OF NEW MEXICO  
TO: JOE RUGGS

GREETINGS:

NOTICE IS HEREBY GIVEN  
you that an action has been  
filed in the District Court of  
Eddy County, Cause No. DR-  
94-222-W, wherein you are  
identified as the Respondent,  
and wherein the Petitioner  
seeks to obtain constructive  
service of process upon you.  
The general object of said ac-  
tion is to dissolve the marriage  
of the parties.

YOU ARE FURTHER NOTI-  
FIED that unless you enter  
your appearance or otherwise  
appear, on the Petition for  
Dissolution of Marriage on or  
before 5:00 o'clock, p.m. on  
the 30th day of May, 1994,  
judgment will be entered and  
the relief prayed for in the Pe-  
tition for Dissolution of Mar-  
riage will be granted.

attorney for the Petitioner is:

Dick A. Blenden  
BLENDEEN LAW FIRM  
P.O. Box 1445  
Carlsbad, NM 88220  
(505) 887-2071

WITNESS my hand and the  
seal of the District Court of  
Eddy County, New Mexico this  
15 day of April, 1994.

ELEANOR JARNAGIN  
CLERK OF THE  
DISTRICT COURT

By Marilyn L. Libert  
Deputy

April 28, 1994  
May 5, 12, 19, 1994

IN THE DISTRICT COURT  
COUNTY OF EDDY  
STATE OF NEW MEXICO

TAMMI J. ANDERSON,

PETITIONER,

VS.

KEVIN ANDERSON,

RESPONDENT.

DR-93-888-W

NOTICE OF PENDENCY OF  
CIVIL ACTION

STATE OF NEW MEXICO  
TO: LAST KNOWN AD-  
DRESS OF:  
KEVIN ANDERSON  
P.O. BOX 1044  
HEPHEBAH, GA 30815

YOU ARE HEREBY NOTI-  
FIED that there is now pend-  
ing in Eddy County, New Mex-  
ico, in the above-style and  
numbered cause an action  
brought by Tammi Anderson,  
Petitioner, in which she seeks  
to dissolve your bonds of mar-

imony.

YOU ARE FURTHER NOTI-  
FIED that unless you appear  
and answer said cause on or  
before the 8th day of JUNE,  
1994 a judgment by default  
will be entered against you.

IN WITNESS WHEREOF  
I have hereunto set my hand  
and official seal this 25 day of  
April, 1994.

ELEANOR JARNAGIN  
Clerk of the District Court

Teresa Rowton  
Deputy

Kurt Rell  
514 N. Canal  
Carlsbad, NM 88220  
(505) 885-4709

May 11, 12, 1994

STATE OF NEW MEXICO  
REGULATION AND  
LICENSING  
DEPARTMENT  
CONSTRUCTION  
INDUSTRIES DIVISION  
725 St. Michaels Drive  
Santa Fe, New Mexico

NOTICE OF PUBLIC  
HEARINGS

Notice is hereby given that the  
TOPAT OIL CORPORATION  
Competitive Bidding, Div. 1  
Man. will hold public hearings  
for the review of New Mexico  
LP/CG Rules and Regula-  
tions, Section 1300.00 through  
Section 1309.00.

The public hearings are  
scheduled as follows:

1) July 5, 1994 - 9:00 to 12:  
Noon, Santa Fe. To be held in  
the conference room of the  
Regulation and Licensing De-  
partment at 725 St. Michael's  
Drive, Santa Fe.

2) July 6, 1994 - 9:00 a.m.  
12 Noon, Las Cruces. To be  
held in the conference room of  
the Construction Industries Di-  
vision at 340 North Water, Las  
Cruces.

3) July 7, 1994 - 9:00 a.m. to  
12 Noon, Roswell. To be held  
in the Roswell City Council  
Chambers, 425 North Richar-  
son Avenue, Roswell, New  
Mexico.

The revisions may be viewed  
between the hours of 8:00  
a.m. to 5:00 p.m., Monday  
through Friday, in the office of  
Construction Industries Divi-  
sion at 725 St. Michael's  
Drive, Santa Fe. Written com-  
ments should be addressed to  
Mr. Orlando Romero, Acting  
Director, Construction Indus-  
tries Division, P.O. Box 25101,  
Santa Fe, New Mexico 87504.  
All written comments must be  
received by the hearing offi-  
cer, Mr. Dennis South, or the  
Acting Director no later than  
5:00 p.m. on July 1, 1994.

Anyone requiring special ac-  
commodations must contact  
the Hearing Officer, Mr. Dan-  
nis South, no later than June  
27, 1994, at 827-7035.

May 12, 12, 1994

Any interested parties can file  
objections or requests for  
hearings with the OCC, P.O.  
Box 2080, Santa Fe, NM  
87501 within 15 days.

May 12, 1994

## LEGAL NOTICE

Preliminary Determination for  
an Air Quality Permit for EOTI  
Energy Corporation/Thomas  
Station

EOTI Energy Corp., P.O. Box  
4886, Suite 2800, Houston,  
TX 77210-4686, has submit-  
ted an application to the New  
Mexico Environment Depart-  
ment (NEMED) for an air quality  
permit to install crude oil stor-  
age tank at Thomas Station.  
The application file has been  
assigned the Permit No. 1500.  
The application is proposing to  
located the facility in Section  
29, Township 23S, Range  
31E, approximately 23 miles  
east of Loving, New Mexico, in  
Eddy County.

The proposed construction will  
consist of installing a 20,000  
barrel crude oil storage tank  
with internal floating roof. The  
maximum air pollutant emis-  
sions to the atmosphere are  
estimated to be about 0.35  
pounds per hour of volatile or-  
ganic compounds, 0.45 pounds  
per hour of particulate matter,  
and 0.35 pounds per hour of  
nitrogen oxides.

The NEMED has conducted a  
preliminary review of the infor-  
mation submitted with the per-  
mit application. This review  
evaluated the estimated emis-  
sion rates to determine com-  
pliance with ambient air stan-  
dards. The preliminary review  
indicates that the facility will  
meet the ambient air stan-  
dards for volatile organic com-  
pounds.

The NEMED has made a pre-  
liminary determination that this  
plant will comply with the re-  
quirements of Air Quality Con-  
trol Regulations 201, 631,  
700, 702, 703.1, 750 and the  
New Mexico Air Quality Con-  
trol Act. Therefore, the prelimi-  
nary intent of NEMED is to is-  
sue the air quality permit on or  
before July 19, 1994.

Interested persons may sub-  
mit written comments or re-  
quest a public hearing on Per-  
mit No. 1500 to the New Mex-  
ico Environment Dept., Air  
Pollution Control Bureau,  
Technical Analysis & Permits  
Section, Harold Runnels  
Building, S2100, 1190 St.  
Francis Drive, P.O. Box  
26110, Santa Fe, New Mexico  
87502. Written requests for  
public hearing shall state the  
nature of the issues proposed  
to be raised in the hearing and  
it is requested that comments  
be based on the requirements  
of the applicable state and  
federal air quality regulations  
and the Clean Air Act. To be  
considered, comments or  
hearing requests must be re-  
ceived within forty-five days  
from the date of this publica-  
tion.

Copies of the permit applica-  
tion are available for public re-  
view at the EDDY District Office  
located at 1914 W. Second  
Road, NM 88201, and the  
ED Field Office at 406 N.  
Guadalupe, Carlsbad, NM  
88220. The permit application  
is currently available for re-  
view at the Air Pollution Con-  
trol Bureau Office, 1190 St.  
Francis Drive, Runnels Build-  
ing, Room S2100, P.O. Box  
26110, Santa Fe, New Mexi-  
co. The Department contact in  
Santa Fe is Brinda Har-  
monian.



C.H. Skinkard 10-1-92 15088  
 S.P. Yates HBP 15082  
 Yates Pet. et al HBP 0120863  
 Yates Pet. et al HBP 10313550  
 Amoco Kersey Union 10-1-77 201577  
 Yates Pet. et al HBP 028840  
 Getty HBP 029009  
 Getty HBP 029005  
 Amoco 8-1-77 K 2647 3425  
 Yates Pet. et al HBP 82095 708  
 Yates Trigg-Fed. 10-2-83 DIA 9-4-63  
 Yates Pet. et al HBP 82095 21000  
 Yates Ener. et al K-4278  
 Hudson E. Hudson (Gu 1)  
 Pennzoil Oil Co.



Note to File--June 21, 1994

A handwritten signature in dark ink, appearing to be 'DC' or similar, with a long horizontal stroke extending to the right.

Eddy Potash initially objected to this application (See letter). Bob Kirby met with Jim Morrow, Ray Smith, Mark, at least on two occasions. The last meeting held during the week of June 13, Eddy Potash agreed to drop their objection if the applicant ran a CBL on the intermediate string of casing prior to injection. I confirmed this with Bob Kirby and Tom Shnieder on June 20, 1994. The applicant will be allowed to inject after running a CBL which shows satisfactory isolation.

# COMPENSATED FORMATION DENSITY LOG

2. 3333

**FOLD HERE**

*Electrical Log Services*

**Mechanism, Texas 78701**

REFERENCE W 9190F

**ELSI**

21 COMPLETION RECORD

\* 263658 \*



SPUD DATE

**COMP DATE**

**DST RECON**

**API NO**

30-015-2

### **CASING RECORD**

P.C. 100-94  
 MIDLAND, TEXAS 79701



Schlumberger

# COMPENSATED FORMATION DENSITY LOG

Gamma Gamma

COMPANY AMOCO PRODUCTION COMPANY

API "30-015-20848

WELL FEDERAL "E" GAS COM. #1

FIELD DOS HERMANOS (MORROW)

COUNTY EDDY STATE NEW MEXICO

Location: 1650' FSL & 1900' FEL,

Other Services:  
CALIPER

Sec. 21 Twp 20-S Rge. 30-E

Permanent Datum: G.L.

Elev. 3323

Elev.: K.B. 3338

Log Measured From K.B.

15.5 Ft. Above Perm. Datum

D.F.

Drilling Measured From K.B.

G.L. 3323

Date	2-22-74						
Run No.	ONE						
Depth-Driller	4245						
Depth-Logger	4249						
Btm. Log Interval	4246						
Top Log Interval	0						
Casing-Driller	13 38@ 1632	(@)		(@)		(@)	
Casing-Logger							
Bit Size	11						
Type Fluid in Hole	SALT HUD						
Fluid Level							
Dens. / Visc.	10						
pH / Fluid Loss		ml		ml		ml	ml
Source of Sample							
R <sub>mt</sub> @ Meas. Temp.	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F
R <sub>mt</sub> @ Meas. Temp.	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F
R <sub>mt</sub> @ Meas. Temp.	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F
Source: R <sub>mt</sub> / R <sub>mt</sub>							
R <sub>mt</sub> @ BHT	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F	(@) °F
Time Since Circ.							
Max. Rec. Temp.	97	°F					
Equip. Location	7645 HORBS						
Recorded by	J.R. WILSON						
Witnessed By	BLOSSOM KLAAR						

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

FORM 10-73

**It's time to get serious about the customer.**

Reproduced By  
*Electrical Log Services*  
MCKINNEY, TEXAS 75061

REFERENCE W 9190F



\* 263658 \*

21 COMPLETION RECORD

SPUD DATE

COMP DATE

**DST RECORD**

API NO.

30-015-20048

### CASING RECORD

2008  
THE SUBSURFACE LIBRARY  
P. C. JOHNS  
MIDLAND, TEXAS 79701

### PERFORATING RECORD

ACID. FRAC SHOT

**IP**

**GOR**

GR

**TP**

**CF**

REMARKS:

CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES				SCALE CHANGES			
Don't Sample No.				Type Log	Depth	Scale Up Hole	Scale Down Hole
Depth - Driller							
Type Fluid							
Source of Sample							
R <sub>m</sub> @ Meas. Temp.	@	°F	@	°F			
R <sub>mf</sub> @ Meas. Temp.	@	°F	@	°F			
R <sub>mc</sub> @ Meas. Temp.	@	°F	@	°F			
R <sub>m</sub> @ BHT	@	°F	@	°F			
Dens. Visc.							
ph / Fluid Loss		ml					
% Water by Vol.				LOGGING DATA			
% Oil by Vol.				FDC Selectors			
% Solids by Vol				Liquid Density	Grain Density	Hole Fluid	Porosity Scale
Solids Av. Sp Gr.							From To
EQUIPMENT DATA							
Run No.	ONE						
Panel No.	D-380						
Cart No.							
Skid No.							
Sonde No.							
Source							
Calibrator							
				REMARKS			
				Service Order No. 1068			

6	16
GAMMA RAY API UNITS	
0	100
100	200

CORRECTION GRAMS/CC.		
BULK DENSITY GRAMS CC.		
2.0	2.5	3.0
1.0	1.5	2.0

