

OIL CONSERVATION DIVISION
APPLICATION FOR AUTHORIZATION TO INJECT

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

II. Operator: Woodbine Petroleum Co., Inc.

Address: 1445 Ross Avenue, Lockbox 234 Dallas, TX 75202 - 855-6263-

Contact party: Don C. Shackelford Phone: (214) 696-2914

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? yes no
If yes, give the Division order number authorizing the project _____.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Don C. Shackelford Title Exec. Vice President

Signature: Don C. Shackelford Date: March 23, 1990

* 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.

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.

No. Natl Gas		Name		Locality		Gas	
1	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
2	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
3	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
4	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
5	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
6	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
7	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
8	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
9	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
10	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
11	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
12	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
13	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
14	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
15	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
16	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
17	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
18	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
19	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
20	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
21	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
22	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
23	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
24	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
25	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
26	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
27	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
28	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
29	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
30	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
31	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
32	150	Union	U.S.	U.S.	U.S.	U.S.	KGS
33	150	Union	U.S.	U.S.	U.S.	U.S.	KGS

TABLE OF WELLS . FMD

PERRY FEDERAL #1 SALT WATER DISPOSAL APPLICATION

WELL	DATE DRILLED	TYPE	LOCATION	DEPTH	COMPLETION
WOODBINE LOOMIS 1-A ✓	6/59	OIL	23-20S-33E	3,416'	3,410-16' SEVEN RIVERS
WOODBINE LOOMIS 2-A ✓	8/59	OIL	23-20S-33E	3,389'	3,331-46' SEVEN RIVERS
WOODBINE SOUTH TEAS FEDERAL #1 ✓	7/82	OIL	23-20S-33E	13,514'	11,596-608' IN W.C. (ORIGINAL) PB 5/85 8,352-450' IN BONE SPRINGS (CURRENT)
TENNECO DINNIN #1-A <i>Not in Abel</i> ✓	9/59	DRY	23-20S-33E	3,433'	P & A
BAY PETROLEUM LOOMIS #1 ✓	2/47	DRY	23-20S-33E	3,433'	P & A
TENNECO - USA DINNIN A-2 ✓	10/59	OIL	23-20S-33E	3,429'	3,418-29' OPEN HOLE P & A 12/74
SHELL SHELL-WILLS #1-A ✓	2/60	DRY	23-20S-33E	3,470'	P & A

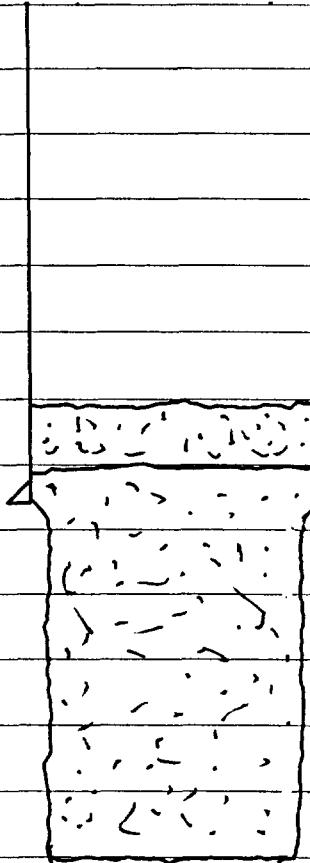
RECEIVED

MAR 29 1990

OCD
HOBBS OFFICE

Tenneco Oil Company
USA Bernice Dinnin "A" #1
P&A 9/59

JK



7" casing set @ 1559'

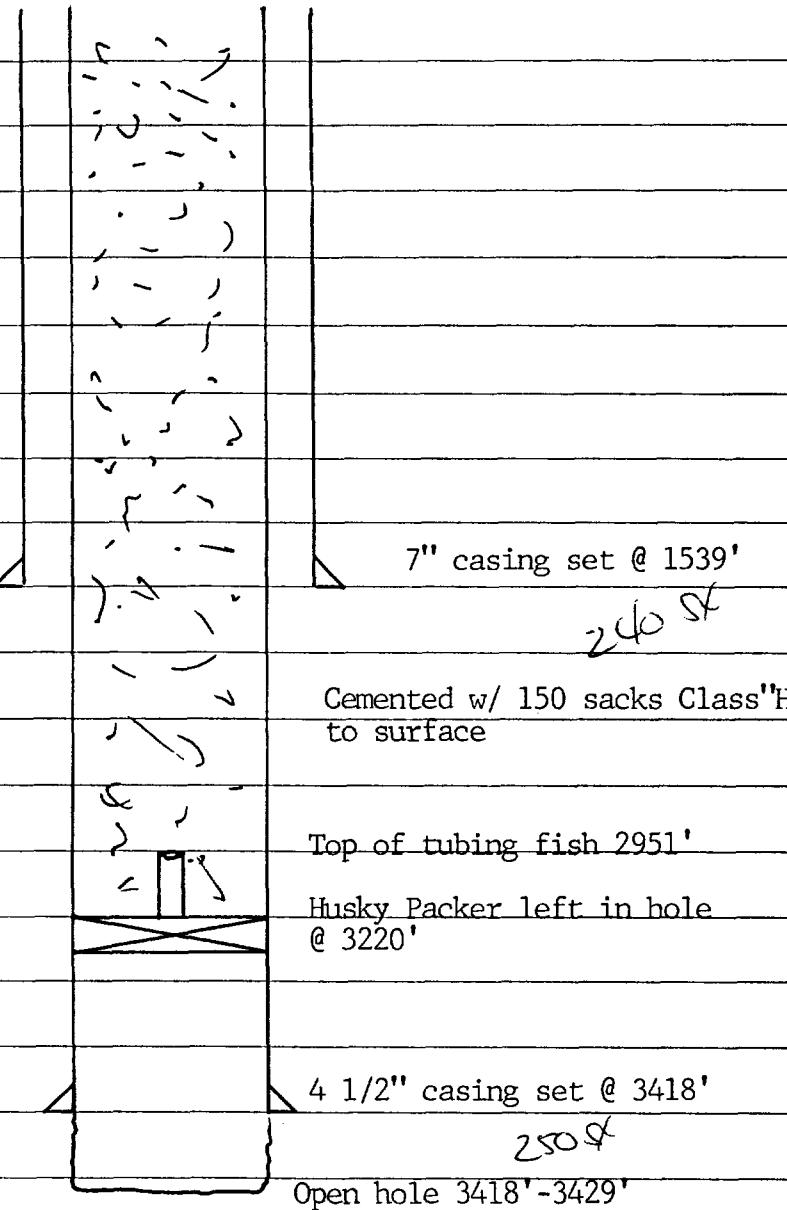
550 sf

Top cement plug 1554'-1479'

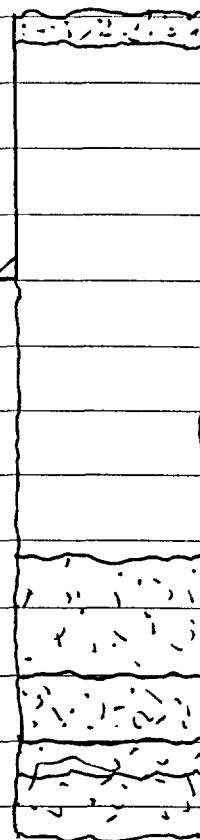
Open Hole plug From TD 3433' to 1554'

TD 3433'

Tenneco Oil Company
Bernice Dennin "A" #2
P&A 12-4-74



Shell
Wills Federal #1



7 sacks cement @ surface

8 5/8" casing set @ 300'

300ft
cased

110 sacks from 2000' to 1375'

65 sacks from 2500' to 2000'

70 sacks from 3000' to 2500'

35 sacks from 3470' to 3000'

TD 3470'

RECEIVED

MAR 29 1980

OCD
HOBBS OFFICE

WOODBINE PETROLEUM CO., INC.
WATER DISPOSAL APPLICATION
WELL DATA SHEET

III.

VII.

1. Proposed average daily rate: 500 bwpd
Proposed maximum daily rate: 1000 bwpd
 2. The system will be a closed system.
 3. Proposed average injection pressure: 200 psi
Proposed maximum injection pressure: 1000 psi
 4. Water to be disposed of in this well will be from wells
in the same field and producing from the same formation.

VIII.

Formation name: Yates
Lithology: Sandy dolomite with shale laminations.
Thickness: 17'
Depth: 3377-3394'



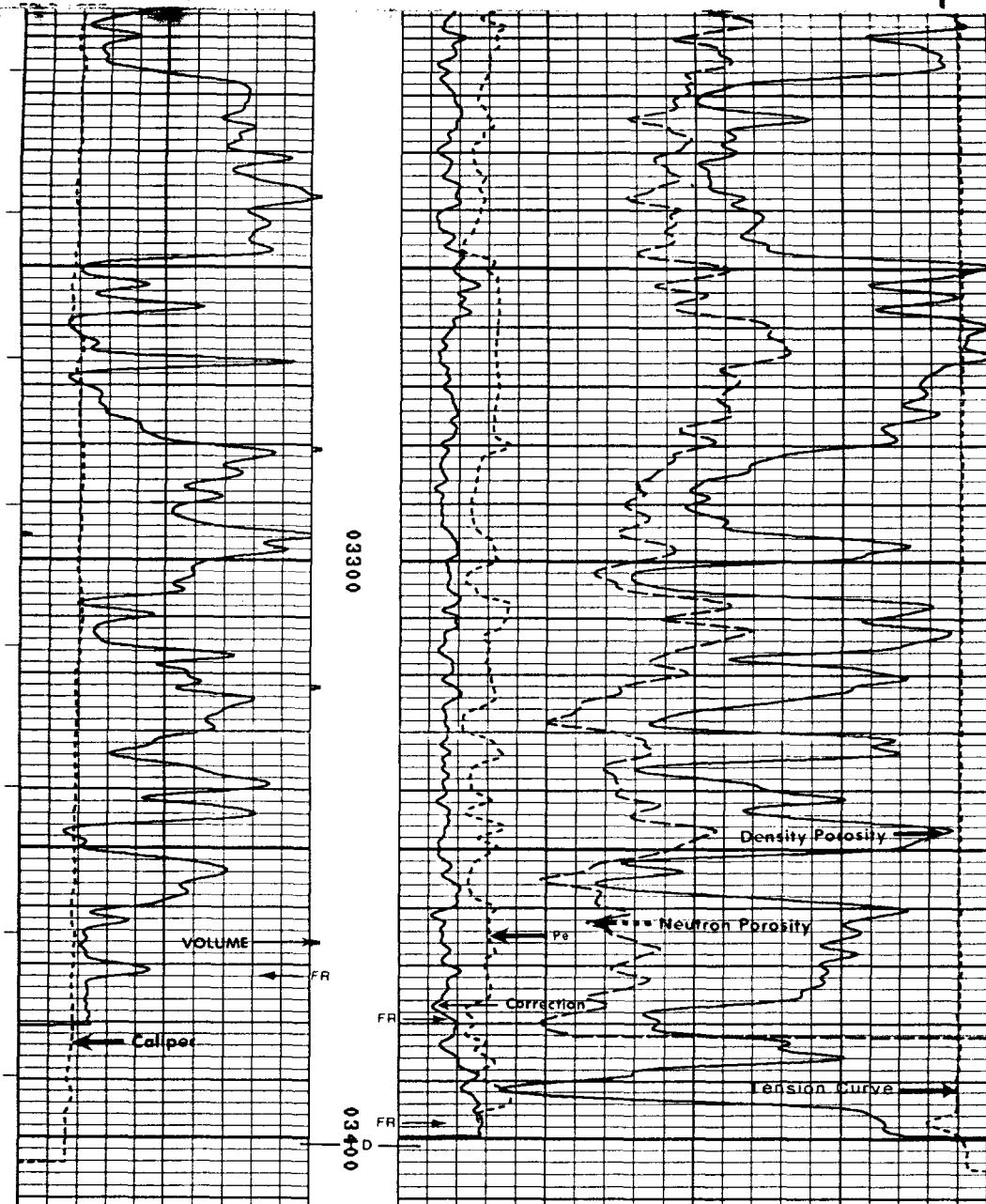
**ATLAS
WIRELINE
SERVICES**

COMPENSATED
Z-DENSITY
GAMMA RAY

COMPENSATED
NEUTRON

COMPENSATED
NEUTRON

FILE NO.	COMPANY WOODBINE PETROLEUM INC.		
RPI NO.	WELL PERRY FEDERAL NO. 1		
FIELD	TEFS		
COUNTY	LEA		
LOCATION: 2310' FSL & 998' FTL		STATE N.M.	
SEC 23	TWP 28 S	RGE 33 E	OTHER SERVICES OLL/MILL/GRV/CAL SMC
PERMANENT DATUM	GROUND LEVEL	ELEV. 3618'	ELEVATIONS
LOGGING MEASURED FROM	K.B.	1 FT. ABOVE P.D.	3619'
DRILLING MEASURED FROM	KELLY BUSHING		
DATE	FEBRUARY 26, 1980		
RUN	1		
SERVICE ORDER	42719		
DEPTH DRILLER	3420'		
DEPTH LOGGER	3401'		
BOTTOM LOGGED INTERVAL	3398'		
TOP LOGGED INTERVAL	SURF.		
BIT SPINNING - DRILLER	8 5/8"	8	1608'
DESIGN - LOGGER	1608'		
BIT SIZE	7 7/8"		
TYPE FLUID IN HOLE	BRIN		
DENSITY / VISCOSITY	10.4	*	
PH / FLUID LOSS	*	NC	
SOURCE OF SAMPLE	CIRC. TANK		
RM AT MERS. TEMP.	.049	0	79
RF AT MERS. TEMP.	.049	0	79
RHC AT MERS. TEMP.	NC	0	-
SOURCE OF RF / RHC	MRS.		
RM AT BHT	.041	0	90
TIME SINCE CIRCULATION	4 1/2 HRS.		
MAX REC. TEMP. DEG. F	90		
QUIP. NO. / LOC.	H 634	HOBES	
CDRED BY			
SED BY			
MR. SHADWELL			





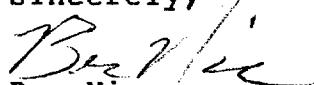
WOODBINE PETROLEUM, INC.

1445 ROSS AVENUE
LOCKBOX 234
DALLAS, TEXAS 75202
(214) 855-6263
FAX (214) 855-6287

WOODBINE PETROLEUM CO., INC. WATER DISPOSAL APPLICATION

Dear Sirs:

I have examined the available geologic and engineering data and have found no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

Sincerely,

Ben Niven
Petroleum Engineer

RECEIVED

MAR 29 1990

OCD
HOBBES OFFICE

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, DON TEER

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period

of _____
ONE DAY weeks.
Beginning with the issue dated

MARCH 18 90
and ending with the issue dated

MARCH 18 90

D. Teer
BUSINESS MANAGER
Sworn and subscribed to before
me this 19th day of

March, 1990
Pamela D. Cale
Notary Public.

My Commission expires
JULY 12, 1993
(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 107, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE	
March 18, 1990	
Notice of Proposed	
Salt Water Disposal	
Well	
1.) Operator:	Woodbine Petroleum, Inc.
	1445 Ross Avenue
	Lockbox 234
	Dallas, Texas 75202
Contact Party: Don C. Shakelford	
2.) Proposed Disposal Well: Intent of Well: To dispose of produced water from the Woodbine Petroleum, Inc. Loomis 1-A, Loomis 2-A and South Teas Federal #1	
Location of Proposed Disposal Well: 2310' FSL and 990' FWL Section 23 T20S R33E	
3.) a. Formation and Depth Yector Sand at 3337-3394	
b. Maximum injection rates and pressures anticipated Rate 1,000 BPD Pressure 1,000 PSI	
4.) Any party interested in filing an objection to this proposal must file their objection or request with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501 within fifteen days of the date of this notice.	



WOODBINE PETROLEUM, INC.

1445 ROSS AVENUE
LOCKBOX 234
DALLAS, TEXAS 75202
(214) 855-6263
FAX (214) 855-6287

April 20, 1990

Dear David:

Enclosed are the following items related to our application for Salt Water Disposal on the Perry Federal #1, in Section 23 Twp 233E Lea County, N.M.

- 1) Copies of letters and certified receipts for letters mailed to offset operators within $\frac{1}{2}$ mile
- 2) Copy of colored land plat indicating ownership of acreage within $\frac{1}{2}$ mile of well.

I will call you Monday to see if there is anything else necessary related to this permit.

Sincerely,
Dr S Shackford

P 964 929 333

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to
Hercyco-Harvey Yates

Attn: No.
P.O. Box 1933

P.O. State and ZIP Code

Roswell 88201

Postage	\$.25
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 2.00

Postmark or Date

4-20-90

PS Form 3800, June 1985

P 964 929 330

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to
Santa Fe Energy

Attn: No.
1616 S. Voss #1000

P.O. State and ZIP Code
Florence 87051-2698

Postage	\$.25
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 2.00

Postmark or Date

4-20-90

PS Form 3800, June 1985

P 964 929 334

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to
Bass Enterprises

Attn: No.
12 City Bank

P.O. State and ZIP Code
20 Main Ft. Worth 76102

Postage	\$.25
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 2.00

Postmark or Date

4-20-90

PS Form 3800, June 1985

P 964 929 332

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to
Yates Petroleum

Attn: No.
105 S. 4th

P.O. State and ZIP Code
Artesia, NM 88210

Postage	\$.25
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 2.00

Postmark or Date

4-20-90

PS Form 3800, June 1985



WOODBINE PETROLEUM, INC.

1445 ROSS AVENUE
LOCKBOX 234
DALLAS, TEXAS 75202
(214) 855-6263
FAX (214) 855-6287

April 20, 1990

Bass Enterprises Production Company
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Dear Sirs:

This letter shall constitute official notice that Woodbine Petroleum, Inc. proposes to convert the Perry Federal #1, located 2,310' from the South line and 990' from the West line, Section 23, Township 20S, Range 33E, Lee County, New Mexico, into a salt water disposal well with water disposed into Yates formation from interval 3,388 to 3,394 and from 3,377 to 3,382.

Should you have any questions related to this application, please contact the New Mexico Oil Conservation Division within fifteen days of the date of this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Don G. Shackelford".

Don G. Shackelford
Executive Vice President

DGS/mh

List of Offset Operators
within 1/2 mile

Expiration Date

Section 22

SE/4 Heyco 11/1/95
NE/4 Heyco 11/1/95

Section 26

All
Santa Fe Energy 11/1/94

Section 27

E/2
Yates Petroleum 9/1/91

Section 23

NE/4 NW/4
Bass Enterprises Production Co. HBP



WOODBINE PETROLEUM, INC.

1445 ROSS AVENUE
LOCKBOX 234
DALLAS, TEXAS 75202
(214) 855-6263
FAX (214) 855-6287

April 20, 1990

Yates Petroleum Corporation
Yates Building
105 South 4th
Artesia, New Mexico 88210

Dear Sirs:

This letter shall constitute official notice that Woodbine Petroleum, Inc. proposes to convert the Perry Federal #1, located 2,310' from the South line and 990' from the West line, Section 23, Township 20S, Range 33E, Lee County, New Mexico, into a salt water disposal well with water disposed into Yates formation from interval 3,388 to 3,394 and from 3,377 to 3,382.

Should you have any questions related to this application, please contact the New Mexico Oil Conservation Division within fifteen days of the date of this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Don G. Shackelford".

Don G. Shackelford
Executive Vice President

DGS/mh

List of Offset Operators
within 1/2 mile

Expiration Date

Section 22

SE/4 Heyco	11/1/95
NE/4 Heyco	11/1/95

Section 26

All	
Santa Fe Energy	11/1/94

Section 27

E/2	
Yates Petroleum	9/1/91

Section 23

NE/4 NW/4	
Bass Enterprises Production Co.	HBP



WOODBINE PETROLEUM, INC.

1445 ROSS AVENUE
LOCKBOX 234
DALLAS, TEXAS 75202
(214) 855-6263
FAX (214) 855-6287

April 20, 1990

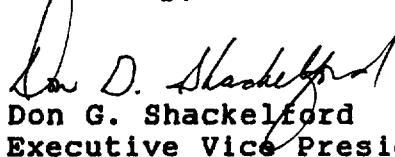
Heyco - Harvey Yates Company
P. O. Box 1933
Roswell, New Mexico 88201

Dear Sirs:

This letter shall constitute official notice that Woodbine Petroleum, Inc. proposes to convert the Perry Federal #1, located 2,310' from the South line and 990' from the West line, Section 23, Township 20S, Range 33E, Lee County, New Mexico, into a salt water disposal well with water disposed into Yates formation from interval 3,388 to 3,394 and from 3,377 to 3,382.

Should you have any questions related to this application, please contact the New Mexico Oil Conservation Division within fifteen days of the date of this letter.

Sincerely,


Don G. Shackelford
Executive Vice President

DGS/mh



WOODBINE PETROLEUM, INC.

1445 ROSS AVENUE
LOCKBOX 234
DALLAS, TEXAS 75202
(214) 855-6263
FAX (214) 855-6287

April 20, 1990

Santa Fe Energy
1616 S. Voss Road
Suite 1000
Houston, Texas 77057-2698

Dear Sirs:

This letter shall constitute official notice that Woodbine Petroleum, Inc. proposes to convert the Perry Federal #1, located 2,310' from the South line and 990' from the West line, Section 23, Township 20S, Range 33E, Lee County, New Mexico, into a salt water disposal well with water disposed into Yates formation from interval 3,388 to 3,394 and from 3,377 to 3,382.

Should you have any questions related to this application, please contact the New Mexico Oil Conservation Division within fifteen days of the date of this letter.

Sincerely,

Don G. Shackelford
Don G. Shackelford
Executive Vice President

DGS/mh

R3|3EN

**WOODBINE PETROLEUM, INC.**

1445 ROSS AVENUE
LOCKBOX 234
DALLAS, TEXAS 75202
(214) 855-6263
FAX (214) 855-6267

April 24, 1990

Oil Conservation Division
P.O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87501

Attn: David Cutanach

Re: Perry - Federal #1
Salt water disposal application

Dear David:

Enclosed please find wellbore schematics for the wells which Woodbine operates that are near the Perry-Federal #1.

I hope this completes the information needed for the approval of the water disposal application for the above well. If you have any questions or need further information, please do not hesitate to call. Thank you.

Sincerely,
Bon Niven
Bon Niven
Petroleum Engineer

enc.

Woodbine Petroteam
Loomis #2-A

Cal. top of cement
7 1/4"

7 5/8" 26.4^{1/2} ft. J-55 @ 1573'
(cent to surface)

OK

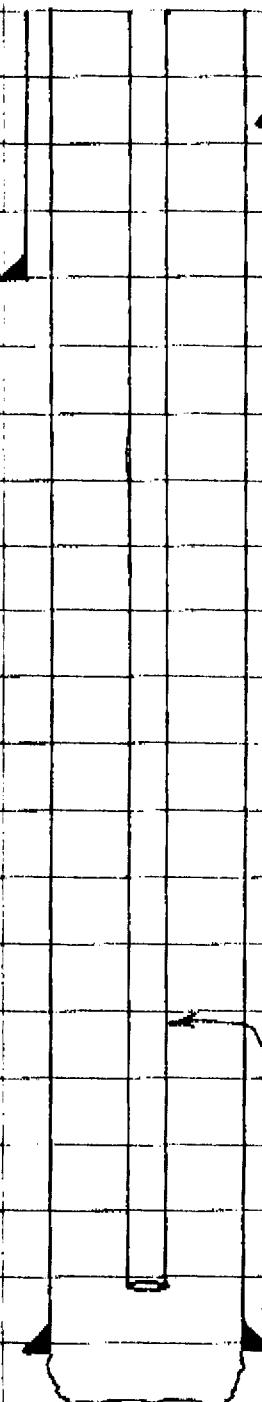
2 3/8" tubing to 3315'
68-3/4" + 62 - 5 1/8" rods

4/87
3257-81' w/4 spf

12/88
3331-46' w/2 spf

PBD 3338' GL
4 1/2" 9.5^{1/2} ft. J-55 @ 3376' 300st TS-1000'
TO 3389'

Woodbine Petroleum
Loomis #1-A



Top of cement 890'
(temp Survey)

7 5/8" 26.4#/ft, J-55 @ 1449'
(mt to surface)

2 7/8" tubing to 3379'
5 1/2" rods

5 1/2" 14#/ft, J-55 @ 3390'

Cemented w/ 285 ST

O.H. 3390-3416'

TS-890 TOC

Woodbine Petroleum
South Teas - Federal #1

~~13 7/8" 40# H-40 to 505' Ch. cement~~

~~2 3/8" tubing to 7482", SN @ 7449'~~

~~8 7/8" 32# H-55 to 4842' 1450 max cement~~

Arts 10/89
8352-58
8364-70
8372-80
8380-94 w/2 spf

~~8420-26 w/2 spf~~

~~Cast iron bridge plug @ 8465'~~

~~RTTS pkr. stuck @ 10,156' w/ 12' of tubing~~

~~13,501-06' w/ 2 spf~~

~~5 1/2" 174.50# H-80 to 14,315' 2325 max cement~~

(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRINITY
(Other instructions on reverse side)

424.
S. LEASE DOCUMENT

SDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL GAS WELL OTHER Injection SWD

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

1860 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1980 FSL and 2310 FEL

JAN 6 1975

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Casing: 7" Set @ 1539'
4½" Set @ 3418'
TD: 3429 3418'-3429 Open Hole

Procedure:

1. MIRU PU
2. Tried to release retrievable Husky Packer Set @ 3220' and tubing parted @ 1708'
3. Went in hole with overshot and caught fish
4. Went down tubing with chemical cutter and cut off tubing @ 2951'. Pulled chemical cutter out of tubing.
5. Pulled tubing out of hole to overshot. Removed overshot. Removed overshot and replaced split collar. Ran tubing back in hole to 2951'.
6. Cemented hole with 150 sacks class H cement from 2951' to surface.
7. Removed well head and installed dry hole marker.
8. Fill cellar and cleaned up location, fill pit.

Well PTA 12-4-74

18. I hereby certify that the foregoing is true and correct

SIGNED *D.C. Campbell*

TITLE Senior Production Clerk

DATE January 2, 1975

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED

JAN 30 1975
MUR R. BROWN
DISTRICT ENGINEER

*See Instructions on Reverse Side

Testing Method (pitot, back pr.)

Tubing Pressure

Casing Pressure

Choke Size



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

RECD 5 AM 3 11
March 29, 1990

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD XX _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Woodbine Petroleum Inc. Perry Federal #1-L 23-20-33
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed