

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? yes no
- II. Operator: Woodbine Petroleum Co., Inc.
Address: 1445 Ross Avenue, Lockbox 234 Dallas, TX 75202
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.

RECEIVED

MAR 29 1990

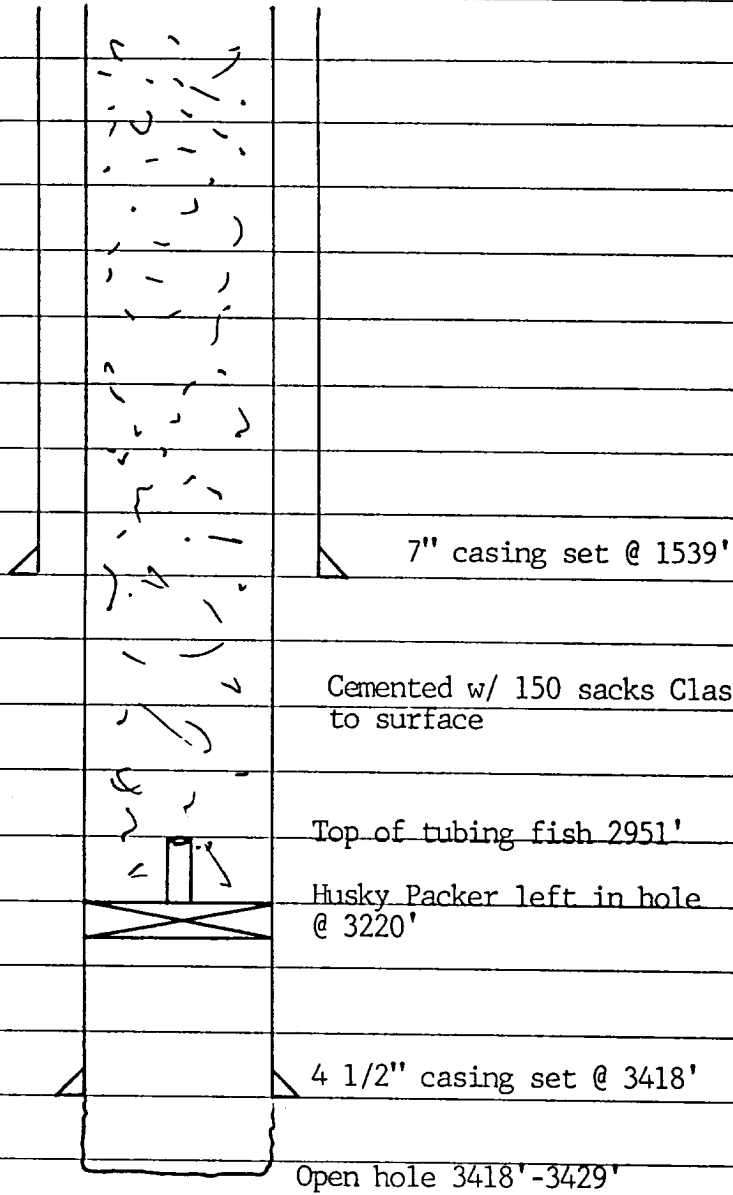
**OCD
HOBBS OFFICE**

PERRY FEDERAL #1 SALT WATER DISPOSAL APPLICATION

TABLE OF WELLS.FMD

WELL	TYPE	DATE DRILLED	LOCATION	DEPTH	COMPLETION
WOODBINE LOOMIS 1-A	OIL	6/59	23-20S-33E	3,416'	3,410-16', SEVEN RIVERS
WOODBINE LOOMIS 2-A	OIL	8/59	23-20S-33E	3,389'	3,331-46', SEVEN RIVERS
WOODBINE SOUTH TEAS FEDERAL #1	OIL	7/82	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	DRY	9/59	23-20S-33E	3,433'	P & A
BAY PETROLEUM LOOMIS #1	DRY	2/47	23-20S-33E	3,433'	P & A
TENNECO - USA DINNIN A-2	OIL	10/59	23-S0S-33E	3,429'	3,418-29', OPEN HOLE P & A 12/74
SHELL SHELL-WILLS #1-A	DRY	2/60	23-20S-33E	3,470'	P & A

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



7" casing set @ 1539'

Cemented w/ 150 sacks Class "H"
to surface

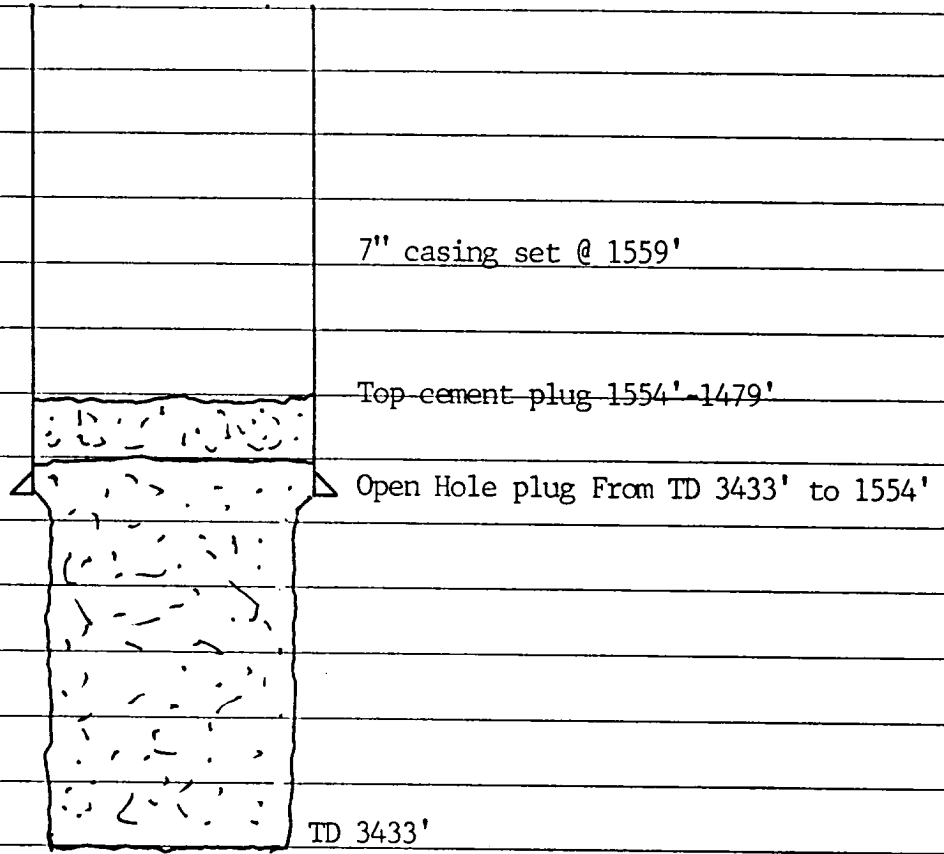
Top of tubing fish 2951'

Husky Packer left in hole
@ 3220'

4 1/2" casing set @ 3418'

Open hole 3418'-3429'

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

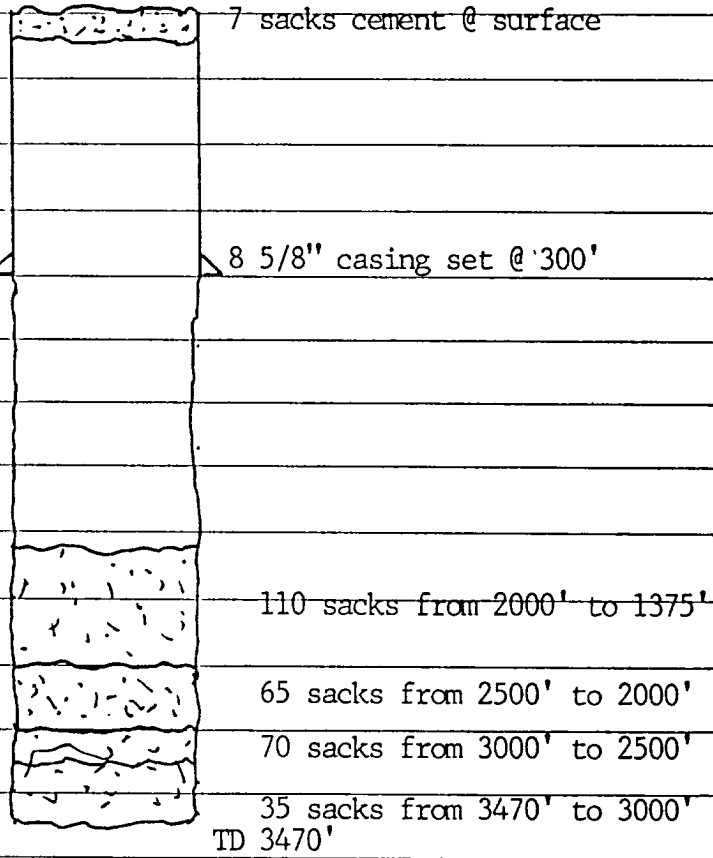


RECEIVED

MAR 29 1990

**OCD
HOBBS OFFICE**

Shell
Wills Federal #1





ATLAS WIRELINE SERVICES

COMPENSATED Z-DENSITLOG COMPENSATED NEUTRON

FILE NO.

WELL

COMPANY: WOODBINE PETROLEUM INC.
WELL: PERRY FEDERAL NO. 1
FIELD: TERS
COUNTY: LER
STATE: N.M.

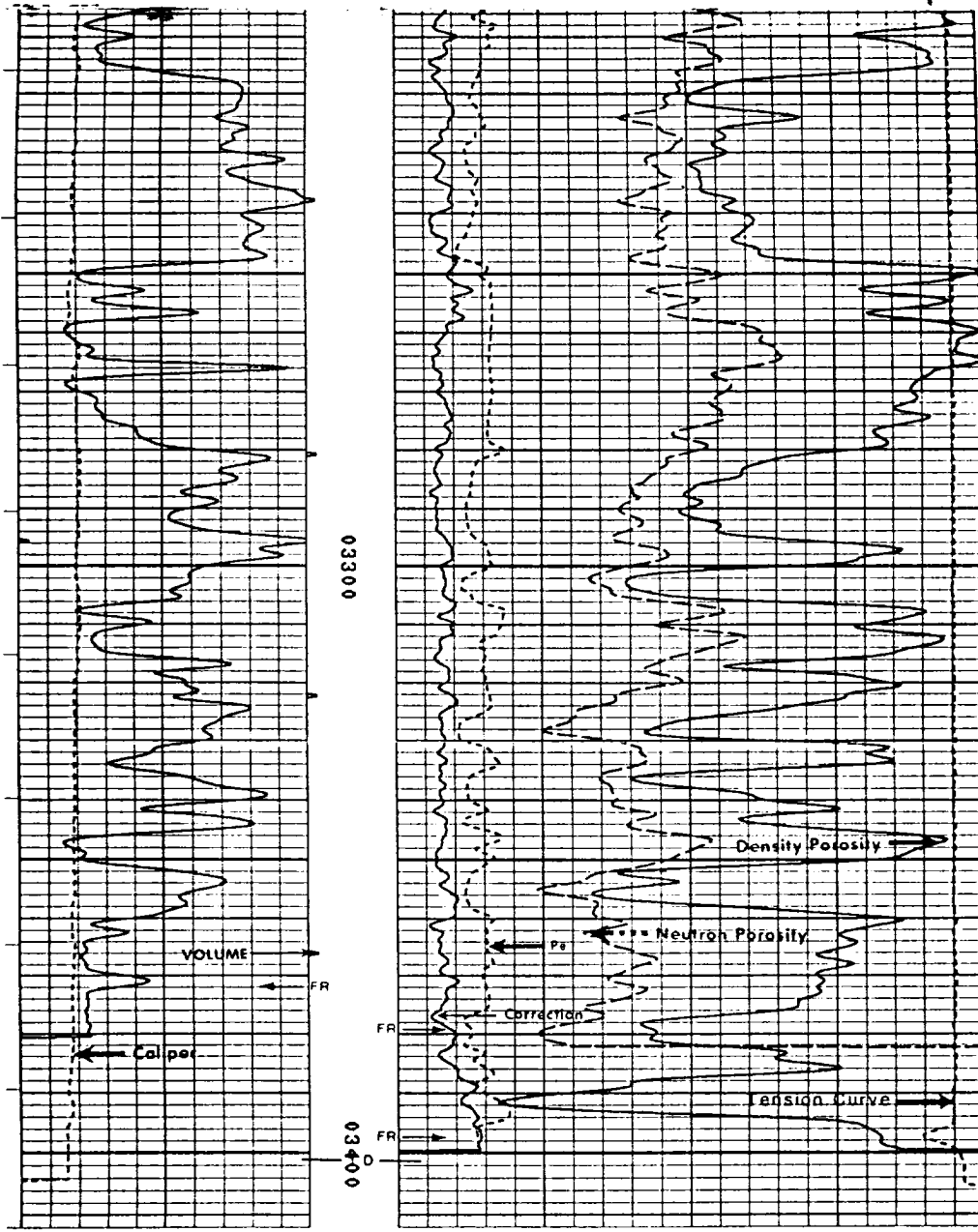
LOCATION:
218' FSL & 990' FAL
SEC23 TWP20-S RGE33-E

OTHER SERVICES
DIL/CAL/CR/CAL
SAC

PERMANENT DATUM: GROUND LEVEL ELEV. 3618'
LOGGING MEASURED FROM: K.B. 1 FT. ABOVE P.O.
DRILLING MEASURED FROM: KELLY BUSHING

ELEVATIONS
KB 3619'
D 3618'
O 3618'

DATE	FEBRUARY 26, 1990
RUN	1
SERVICE ORDER	42719
DEPTH-DRILLER	3420'
DEPTH-LOGGER	3401'
BOTTOM LOGGED INTERVAL	3398'
TOP LOGGED INTERVAL	SURF.
OSING - DRILLER	8 5/8"
OSING - LOGGER	10 3/4"
SIZE	1 7/8"
FLUID IN HOLE	BRIN
DENSITY / VISCOSITY	10.4
PH / FLUID LOSS	NC
SOURCE OF SAMPLE	CIRC. LINK
RT AT MEAS. TEMP.	049
RT AT MEAS. TEMP.	079
RT AT MEAS. TEMP.	049
RT AT MEAS. TEMP.	NC
SOURCE OF RT / RMC	PLNS
RT AT BH	041
RT AT BH	041
TIME SINCE CIRCULATION	4 HRS
MOR. REC. TEMP. DEG. F	90
LOGP. NO. / LOC.	11 534 HOBS
LOGGED BY	MOONORE
RECORDED BY	MR. SHOCKEY/ORD





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,

A handwritten signature in black ink, appearing to read 'Ben Nivens', written over a horizontal line.

Ben Nivens
Petroleum Engineer

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, 1990

and ending with the issue dated

MARCH 18, 1990

Don Teer
BUSINESS MANAGER

Sworn and subscribed to before

me this 19th day of

Marah, 1990
Annella D. Cole
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 167, 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

- Operator:
Woodbine Petroleum,
Inc.
1445 Ross Avenue
Lockbox 234
Dallas, Texas 75202
- Contact Party:
Don C. Shakelford
- 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' FGL and 990' FWL Section 23 T20S R33E
- a. Formation and Depth
Yator Sand at 3337-3394
b. Maximum injection rates and pressures anticipated
Rate 1,000 BPD
Pressure 1,000 PSI
- 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.

