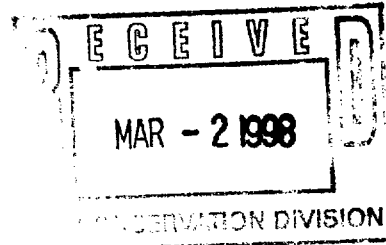


SWD 3/17/98

PERMIAN RESOURCES INCORPORATED

February 23, 1998

State of New Mexico
Oil Conversation Commission
P.O Box 2088
Santa Fe, NM 87501



RE: Application for Authorization to Inject
Lynch (Yates Seven Rivers) Field
Permian Resources, Inc. #2 and #3 Wallen Bass
T20S, R34E, Section 20, (N and P)

Ladies and Gentlemen:

I am making application to Inject water into a zone productive of oil and gas at the location captioned above in Lea County. Please note this application is for 2 wells.

Please find attached the appropriate documents which support this application

- II. Well Data
- V. Well Area of Review Map
- VI. Schematics of Wells within the Area of Review
- VII. Data on the Proposed Opeation
- VIII. Geological Data
- IX. Proposed Stimulation Program
- X. Log Sections
- XI. Examination of Hydrologic Data
- XII. Proof of Notice

We appreciate your timely approval of this matter and if you have any questions please feel free to call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Robert Marshall".

Robert Marshall
c:\winword\letters\ocd-wal.doc

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: PERMIAN RESOURCES, INC.
Address: P.O. Box 590 MIDLAND TEXAS 79702
Contact party: ROBERT MARSHALL Phone: 915-685-0113
- 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: ROBERT H. MARSHALL Title: VICE PRESIDENT
Signature: [Signature] Date: 2/24/98
- * 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.

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

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 1
_____ weeks.

Beginning with the issue dated

February 25 1998

and ending with the issue dated

February 25 1998



Publisher

Sworn and subscribed to before

me this 25th day of

February 1998

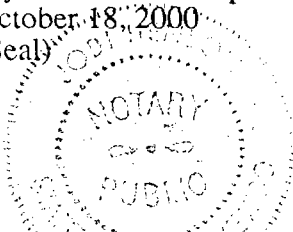


Notary Public.

My Commission expires

October 18, 2000

(Seal)



This newspaper is duly qualified
to publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for
said publication has been made.

LEGAL NOTICE

February 25, 1998

Permian Resources, Inc.,
P.O. Box 590, Midland, Texas
79702, is applying to convert
its Wallen Bass #2 well to salt
water disposal in the Yates-
Seven Rivers formation at a
depth of 3476 to 3639 feet.
The Wallen Bass #2 is in the
Lynch (Yates-Seven Rivers)
Field, located in Unit N, Sec-
tion 21, T20S, R34E, NMPM,
Lea County, New Mexico. The
expected maximum injection
rate is 100 barrels of water
daily at a maximum pressure
of 500 psi. Interested parties
must file objection or requests
for hearing with the Oil Con-
servation Division, PO Box
2088, Santa Fe, New Mexico
87501 within 15 days. Parties
requesting additional informa-
tion may contact Robert Mar-
shall at Permian Resources,
Inc., at 915/685-0113 or at the
above address.
#15754

01102680000

01517547

Permian Resources

P.O. Box 590

a/c# 458930

MIDLAND, TX 79702

[illegible]

Permian Resources, Inc.
Application for Authority to Inject
Supplemental Information
Wallen Bass Well No. 2
Wallen Bass Well No. 3
Middle Lynch (Yates-Seven Rivers) Field
Lea County, New Mexico

ITEM:

III. WELL DATA:

A. (1) WELL NAME: #2 Wallen Bass
660' FSL, 2310' FWL,
Section 21(N), T20S, R34E
Lea County, New Mexico

WELL NAME: #3 Wallen Bass
660' FSL, 660' FEL,
Section 21(P), T20S, R34E
Lea County, New Mexico

(2) CASING DATA

Wallen Bass #2

	<u>Casing Size</u>	<u>Hole Size</u>	<u>Depth</u>	<u>Sacks Cement (Class)</u>	<u>Top of Cement</u>
:	13 3/8"	15 1/2"	259'	350 ("C")	Circulated to surface
	7"	8"	3473'	1000 ("C")	Circulated to surface
	4 1/2 Liner	6 1/4"	3097-3707	60 ("C")	3097' (top of liner)

Wallen Bass #3

	<u>Casing Size</u>	<u>Hole Size</u>	<u>Depth</u>	<u>Sacks Cement (Class)</u>	<u>Top of Cement</u>
	13 3/8"	15 1/2"	259'	350 ("C")	Circulated to surface
	7"	8"	3385'	1000 ("C")	Circulated to surface
	4 1/2 Liner	6 1/4"	3072-3667	60 ("C")	3072' (top of liner)

(3) INJECTION TUBING AND PACKER(Wallen Bass #2 and #3)

Tubing String: 3520' of 2 3/8" internally plastic coated, 8rd EUE

Packer: 4 1/2" Baker AD-1 set in the 4 1/2" liner at 3380'.

B. (1) INJECTION FORMATION: Yates-Seven Rivers
Field Name: Lynch (Yates-Seven Rivers)

(2) INJECTION INTERVALS: 3476-3639 (Wallen Bass #2 perforations)
3480-3642 (Wallen Bass #3 perforations)

(3) ORIGINAL PURPOSE OF WELLS: Oil Producers from the Yates-Seven Rivers

(4) OTHER PERFORATED INTERVALS: None

(5) DEPTH OF HIGHER/LOWER OIL OR GAS ZONE IN AREA: No zone higher or
lower in area of interest

V. Map

See attached map with appropriate "Area of Review" 1/2 mile radius circle around each well.

VI. TABULATION OF DATA WITHIN THE AREA OF REVIEW. SCHEMATICS ATTACHED ON THE FOLLOWING WELLS.

WALLEN BASS #2 (AREA OF REVIEW)

Section 21, T20S, R34E

Wallen Production #1 Wallen Bass(M)
Permian Resources, Inc. #2 Wallen Bass(N)
Permian Resources, Inc. #4 Wallen Bass(O)
Permian Resources, Inc. #3 Wallen Bass(P)
Carper #1 Federal(G)
Wilson #2 Muse(P)

Section 28, T20S, R34E

Baxter #1 Wallen Fee(C)
Baxter #2 Wallen Fee(B)
Hudson #1 Singleton(C)
Carper #1 Threlkeld(A)
Carper #1 Singleton(F)

WALLEN BASS #3 (AREA OF REVIEW)

Section 22, T20S, R34E

French #1 Berry(K)
ARCO #6 Ballard (L)
Devon #5 Ballard (M)
Yucca Energy #1 D&E Federal (N)

Section 27, T20S, R34E

Devon #3 Ballard Fed (D)
Devon #2 Ballard Fed (C)

VII. DATA ON THE PROPOSED OPERATION(Data Same For Each Well)

- (1) Average and maximum daily volume of fluids: Average: 75 barrels water per day per well. Maximum: 100 barrels of water per day per well.
- (2) Closed System
- (3) Average and maximum injection pressure: Average: 300 psi; Maximum: 500 psi.
- (4) Sources of injection fluid: Produced water
- (5) Not applicable

VIII. GEOLOGICAL DATA:

Formation Name: Yates-Seven Rivers
Lithology: Sandstone and Dolomitic Sandstone
Thickness: Yates (120 feet); Seven Rivers(200 feet)
Bottom of drinking water aquifers: 150' Ogallala, None below

IX. PROPOSED STIMULATION

Acid the perforations with 1,500 gallons, 15% NeFe

X. LOGGING DATA

Xerox of logs attached

XIV. PROOF OF NOTICE:

(1) Surface Owner: Bureau of Land Management
414 W. Taylor
Hobbs, NM 88240

(2) Offset Production Owners:

Devon Energy
20 N. Broadway
Suite 1500
Oklahoma City, OK 73102

Yucca Energy
214 W. Texas
Suite 709
Midland, TX 79701

Thomas Sivley
6509 Wilton Drive
Fort Worth, TX 76133

(3) Hobbs Daily News Sun
Hobbs, New Mexico
2/24/98 Awaiting Notice from Publisher

February 23, 1998

Thomas Sivley
6509 Wilton Drive
Fort Worth, TX 76133

RE: Application for Authority to Inject
T20S, R34E, Section 21(N) + P
Middle Lynch (Yates-Seven Rivers) Field
Lea County, New Mexico

Gentlemen:

Permian Resources, Inc. has applied to inject produced water into a zone productive of oil and gas in the Middle Lynch (Yates-Seven Rivers) Field at the location captioned above. We plan to inject approximately 100 barrels of water daily at a maximum injection rate of 500 psi.

If you have any questions please feel free to call. If you would like to protest this application you can contact the Oil Conversation Division at P.O. Box 2088, Santa Fe, New Mexico 87501 within 15 days of this notice.

Sincerely,



Robert Marshall

February 23, 1998

Devon Energy
20 N. Broadway
Suite 1500
Oklahoma City, OK 73102

RE: Application for Authority to Inject
T20S, R34E, Section 21(N)+P
Middle Lynch (Yates-Seven Rivers) Field
Lea County, New Mexico

Gentlemen:

Permian Resources, Inc. has applied to inject produced water into a zone productive of oil and gas in the Middle Lynch (Yates-Seven Rivers) Field at the location captioned above. We plan to inject approximately 100 barrels of water daily at a maximum injection rate of 500 psi.

If you have any questions please feel free to call. If you would like to protest this application you can contact the Oil Conversation Division at P.O. Box 2088, Santa Fe, New Mexico 87501 within 15 days of this notice.

Sincerely,



Robert Marshall

February 23, 1998

Yucca Energy
214 W. Texas
Suite 709
Midland, TX 79701

RE: Application for Authority to Inject
T20S, R34E, Section 21(N) +P
Middle Lynch (Yates-Seven Rivers) Field
Lea County, New Mexico

Gentlemen:

Permian Resources, Inc. has applied to inject produced water into a zone productive of oil and gas in the Middle Lynch (Yates-Seven Rivers) Field at the location captioned above. We plan to inject approximately 100 barrels of water daily at a maximum injection rate of 500 psi.

If you have any questions please feel free to call. If you would like to protest this application you can contact the Oil Conversation Division at P.O. Box 2088, Santa Fe, New Mexico 87501 within 15 days of this notice.

Sincerely,



Robert Marshall

February 23, 1998

New Mexico Oil Conservation Division
P.O Box 2088
Santa Fe, NM 87501

RE: Permian Resources, Inc. #2 & #3 Wallen Bass
T20S, R34E, Section 21(N and P)
Lea County, New Mexico

Ladies and Gentlemen:

I have reviewed the geological and hydrological conditions at the above captioned well and do find any evidence of open faults and other hydrogeologic connection between the disposal zone and any underground water sources.

Sincerely

A handwritten signature in black ink, appearing to read "Robert Marshall", written in a cursive style.

Robert Marshall
Certified Petroleum Geologist #2528

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires, March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Permian Resources, Inc. DBA Permian Partners, Inc.

3. Address and Telephone No.

P.O. Box 590 Midland, Texas 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter P: 330' FEL 660' FSL
Section 21 Twn. 20S Rge. 34E

5. Lease Designation and Serial No.

LC070315

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No

Wallen Bass #3

9. API Well No.

30-025-25904

10. Field and Pool, or Exploratory Area

Middle Lynch (Yates 7

11. County or Parish, State

Lea

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Convert well to salt
water disposal

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

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

13. 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.)

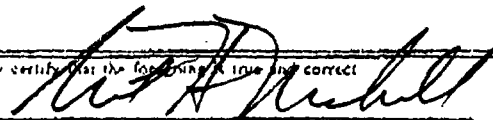
This tract is BLM Minerals and Surface.

With the permission of BLM, we would like to convert this well to a water disposal well.
Procedure:

- (1) RIH with 2 3/8 IPC tbg. / Baker AD-1 packer set at 3380'. Inject into perfs 3480'-3642'. Tubing length 3520'.
- (2) Water will be from Wallen Bass #4, located LTR "N".
- (3) Rate/Volume: 100 BWPB @ 500 psi (maximum).

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

Signed



Title

Vice President

Date

2-24-98

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Permian Resources, Inc. DBA Permian Partners, Inc.

3. Address and Telephone No.

P.O. Box 590 Midland, Texas 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter N : 660' SL 2310' FWL
Section 21 Twn 20S Rge 34E

5. Lease Designation and Serial No.

LC070315

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No

Wallen Bass #2

9. API Well No.

30-025-26458

10. Field and Pool, or Exploratory Area

Middle Lynch (Yates 7 Riv

11. County or Parish, State

Lea

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other Convert to Salt Water Disposal.
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. 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.)

This tract is BLM Minerals and Surface.

With the permission of BLM, we would like to convert this well to a water disposal well.
Procedure:

- (1) RIH with 2 3/8" IPC tbg. / Baker AD-1 Packer set at 3380' /Inject into perfs 3476'-3639'. Tubing length 3520'.
- (2) Water will be from Wallen Bass #4, located LTR "N".
- (3) Rate/Volume: 100 BWPD @ 500 psi. (maximum).

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

Signed

Title

Vice President

Date

2-24-98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

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

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

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-26458
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. NMLC070315

SUNDRY 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" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name Wallen Bass

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	8. Well No. 2
2. Name of Operator Permian Resources, Inc. DBA Permian Partners, Inc.	9. Pool name or Wildcat Middle Lynch (Yates Seven Rivers)
3. Address of Operator P.O. Box 590 Midland, Texas 79702	
4. Well Location Unit Letter N : 660 Feet From The SL Line and 2310 Feet From The FWL Line Section 21 Township 20S Range 34E NMPM Lea County	

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
DF 3673

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: Convert to Salt Water Disposal ☐		OTHER: ☐	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

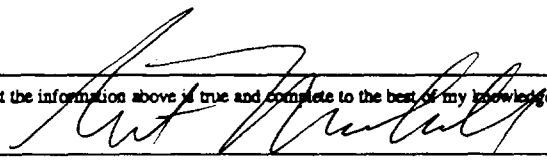
Plan to Convert to Disposal.

(1) RIH w/ 2 3/8 IPC tbg at 3520', set pkr at 3380, perfs are at 3476-3639.

(2) Fluid is produced water from Wallen Bass #4 well.

(3) Rate/Volume: 100 BWPD @ 500 psi (max.).

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

SIGNATURE  TITLE Vice President DATE 2-24-98

TYPE OR PRINT NAME Robert H. Marshall TELEPHONE NO. 915-685-0113

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

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

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

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-25904
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. NMLC070315

SUNDRY 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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER	7. Lease Name or Unit Agreement Name Wallen Bass
2. Name of Operator Permian Resources, Inc. DBA Permian Partners, Inc.	8. Well No. 3
3. Address of Operator P.O. Box 590 Midland, Texas 79702	9. Pool name or Wildcat Middle Lynch (Yates Seven Rivers)
4. Well Location Unit Letter <u>P</u> : <u>330'</u> Feet From The <u>FEL</u> Line and <u>660'</u> Feet From The <u>FSL</u> Line Section <u>21</u> Township <u>20S</u> Range <u>34E</u> NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) DF 3672	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: <u>Convert to Salt Water Disposal</u> ☐	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☐
	OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Plan to convert to Disposal.

- (1) RIH w/ 2 3/8 IPC tbg. at 3520', set PKR at 3380, perfs are at 3480'-3642'.
- (2) Fluid is produced water from Wallen Bass #4 well.
- (3) Rate/Volume: 100 BWPD @ 500 psi (max.).

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

SIGNATURE Robert H. Marshall TITLE Vice President DATE 2-24-98

TYPE OR PRINT NAME Robert H. Marshall TELEPHONE NO. 915-685-0113

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

PG.2

Wallen-Bass #4

WATER ANALYSIS

S.I.=PH - PC - PC - PALK - K
 S.I. = STABILITY INDEX
 PH. = AS MEASURED ON FRESH SAMPLE
 PCA. = NEG. LOGARITHM OF CALCIUM CONCENTRATION
 PALK. = NEG. LOGARITHM OF TOTAL ALKALINITY
 K. = CONSTANT, DEPENDS UPON TEMP. & SALT

CALCULATIONS

NA	18037.82	0.00	0.40
CA	1680.00	0.00	0.08
MG	534.80	0.00	0.04
CL	31000.00	0.00	0.43
HCO 3	1098.00	0.00	0.01
SO 4	1000.00	0.00	0.02

TOTAL IONIC STRENGTH	0.00	0.99
----------------------	------	------

STABILITY INDEX

PH = 8.50	PH = 8.50
PCA = 1.37	PCA = 1.37
PALK = 1.78	PALK = 1.78
K = 1.86	K = 3.44
SI @ 180° 3.51	SI @ 80° 1.93

SI = 0 OR	WATER RELATIVELY STABLE UNDER	50 °F
REMARKS	INDICATES SCALING @ TEMP ABOVE (POS. SI INDICATES SCALING)	50 °F

SCALING TENDENCY CALCULATION USING SKILLMAN-McDONALD-STIFF METHOD

@ 80°, K =	0.001755000
@ 180°, K =	0.001653600
X =	0.031800000
X*X =	0.000998560

	meq/l	mg/l
@ 80°, S =	57.90	3941.00
@ 180°, S =	55.70	3791.00

From Probable Mineral Composition, Ca SO4 =	1418.13
	4630.00

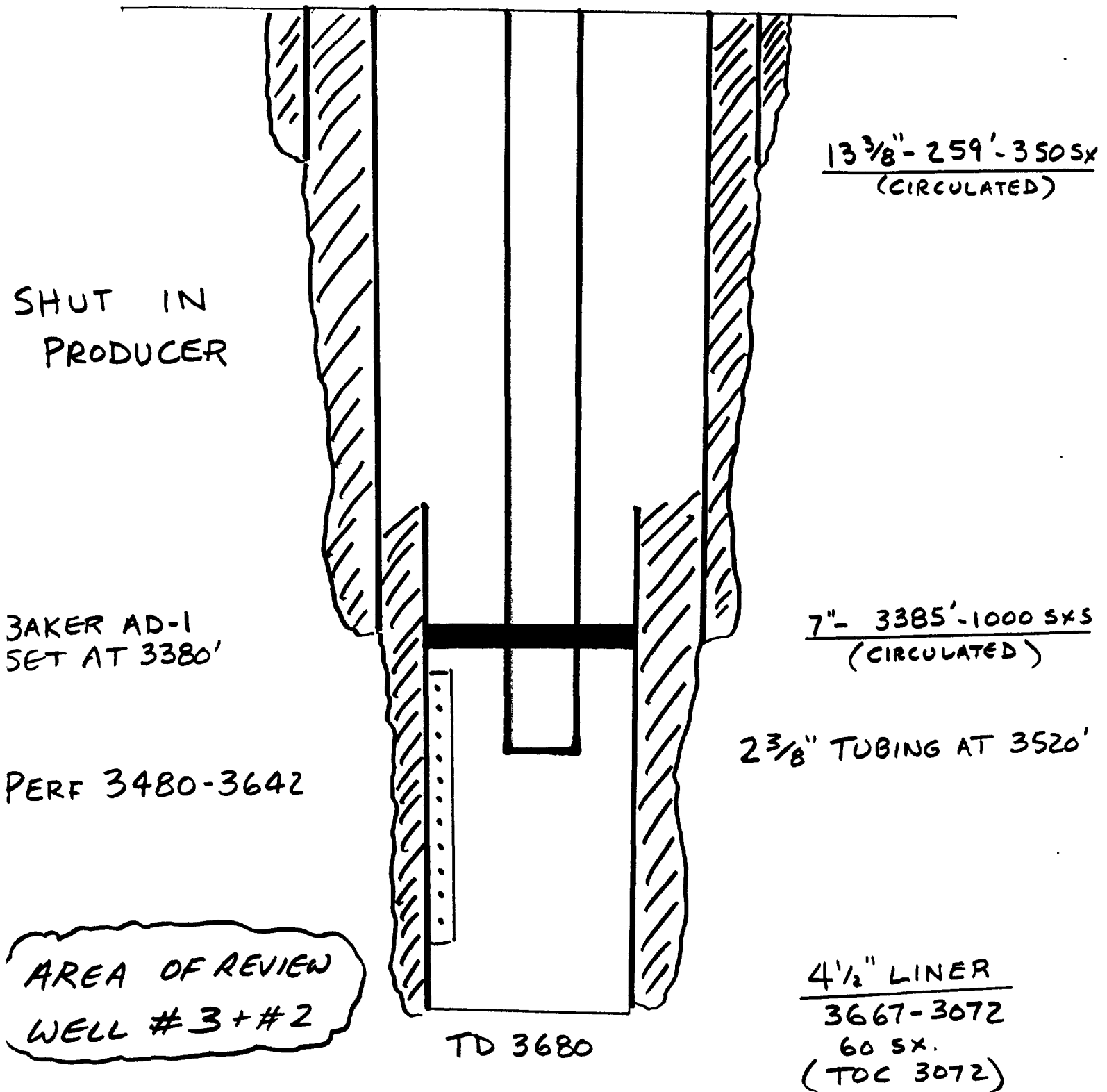
Because probable mineral composition is less than 4613 (calculated),
 the water should be stable. At temperatures close to 180 degrees,
 there is a slight potential toward the deposition of Calcium Sulphate

PROPOSED WATER DISPOSAL WELL (III)

OPERATOR: PERMIAN RESOURCES WELL NAME: #3 WALLEN BASS

LOCATION: 660 SL, 330 FGL T20S, R34E, Lea County, New Mexico SEC. 21 (p)

DATE DRILLED/ PLUGGED: 1/13/79

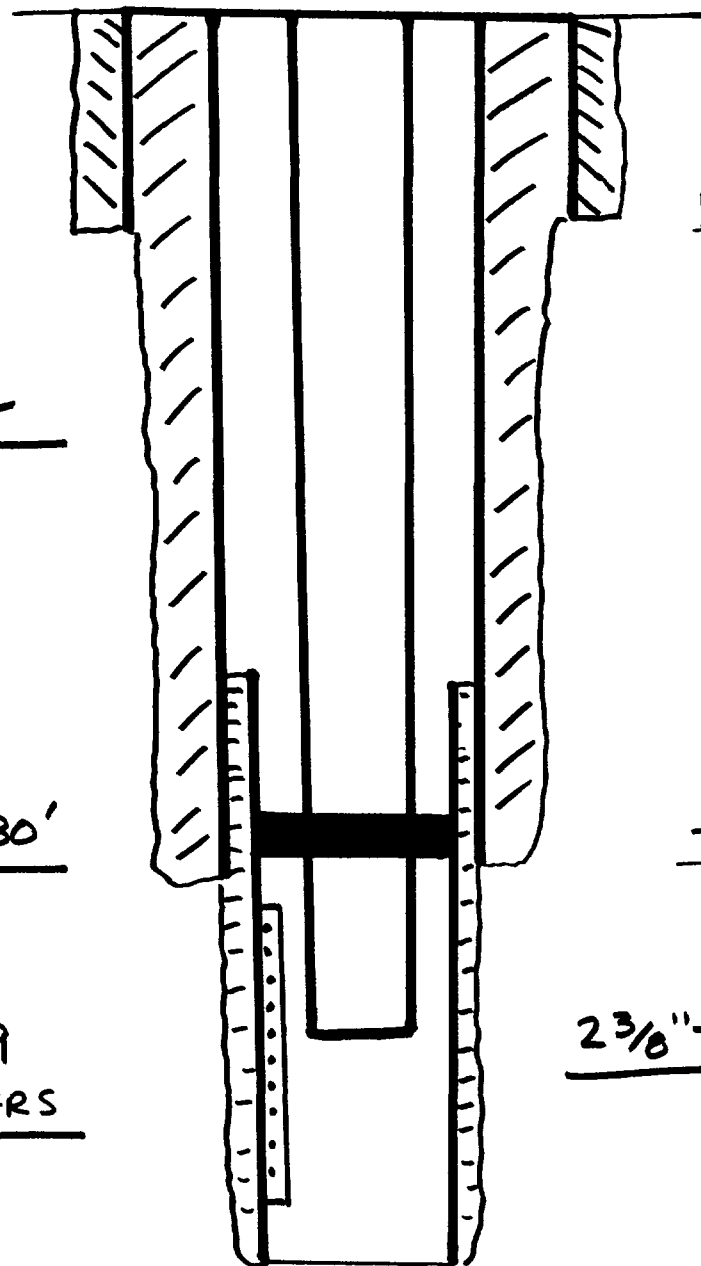


PROPOSED WATER DISPOSAL WELL (III)

OPERATOR: PERMIAN RESOURCES WELL NAME: #2 WALLEN BASIN

LOCATION: 2310 WL, 660 SL T20S, R34E, Lea County, New Mexico Sec. 21(n)

DATE DRILLED/ PLUGGED: 4/2/80



13^{3/8}" @ 259' - 350 SY
(CIRC)

SHUT IN WELL

BAKER AD-1 @ 3380'

7" @ 3473' - 1475 SY
(CIRC)

PERFS 3476-3639
YATES - SEVEN RIVERS

2^{3/8}" TBG @ 3520'

TD 3707
4/2/80

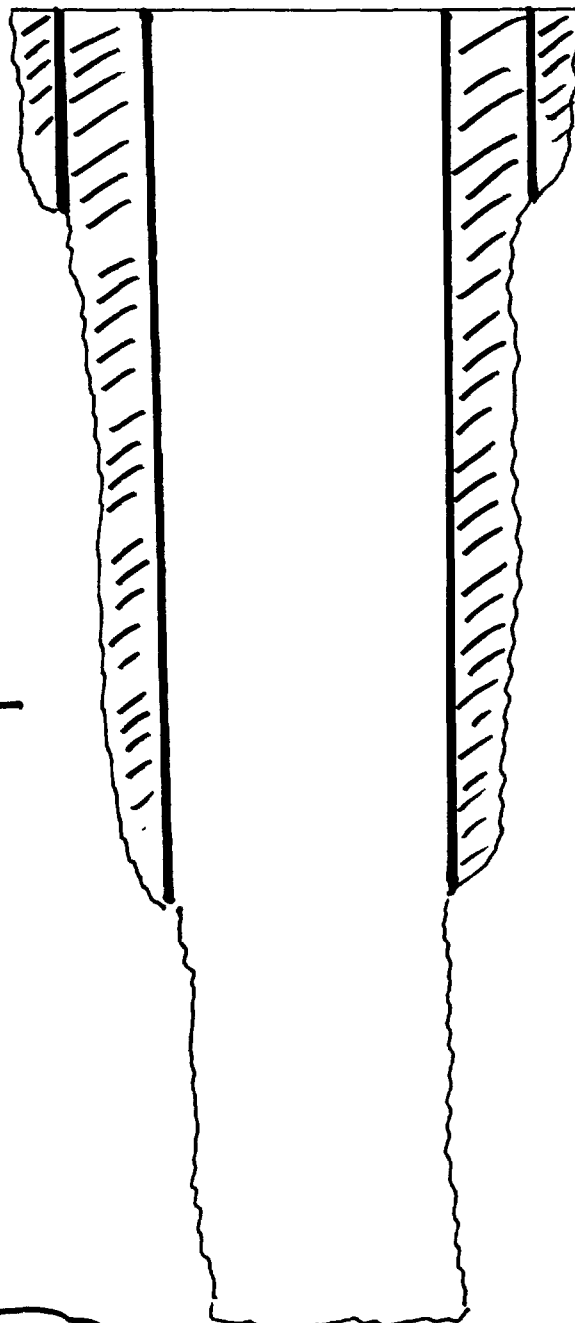
4^{1/2}" LINE
3097-3707
60 SY.
TOC 3097

AREA OF REVIEW
WELL #3 + #2

OPERATOR: PERMIAN RESOURCES WELL NAME: #4 WALLEN BASS

LOCATION: 1650'EL, 660SL T20S, R34E, Lea County, New Mexico (O) SEC. 21

DATE DRILLED/ PLUGGED: 8/20/79



13³/₈" - 259' - 350 SXS
(CIRCULATED)

IP 79 BOPD, @ WTR

ACTIVE PRODUCER

7" - 3436 - 1100 SX
(CIRCULATED)

OPEN HOLE SECTION
6³/₄" HOLE TO TD.

AREA OF REVIEW
WELL #3 + #2

TD 3678

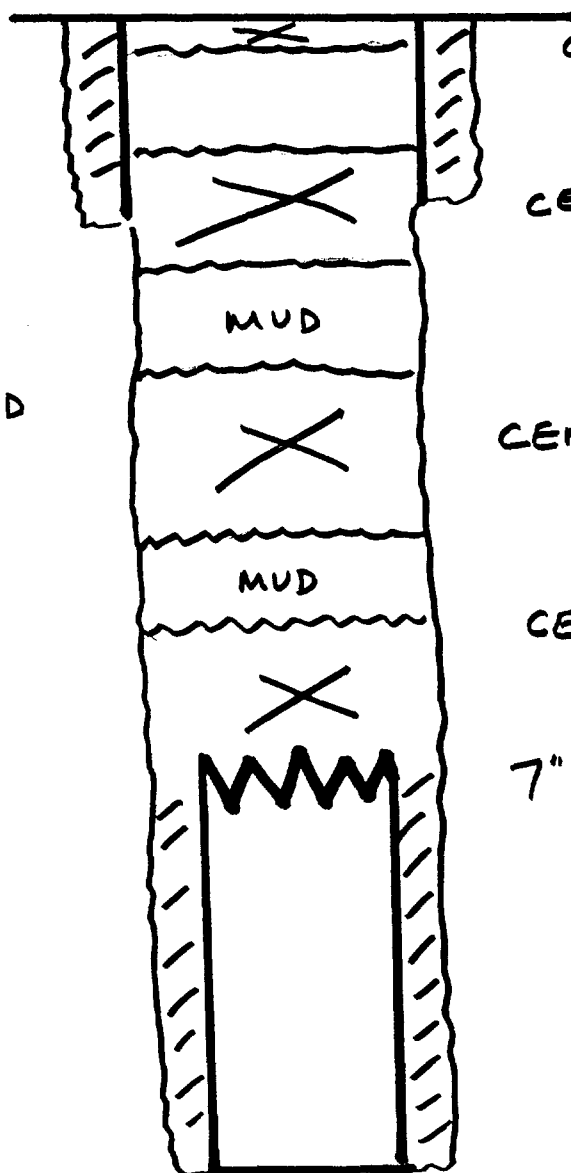
OPERATOR: HUDSON

WELL NAME: SINGLETON

LOCATION: 660NL, 660WL T20S, R34E, Lea County, New Mexico Sec 28 (d)

DATE DRILLED/ PLUGGED: 3-3-66

PLUGGED AND ABANDONED
3-3-66



CEMENT 0-10'

CEMENT 850-950'

CEMENT 1500-3300'

CEMENT 3433-3708'

7" CASING SHOT AT 3472'

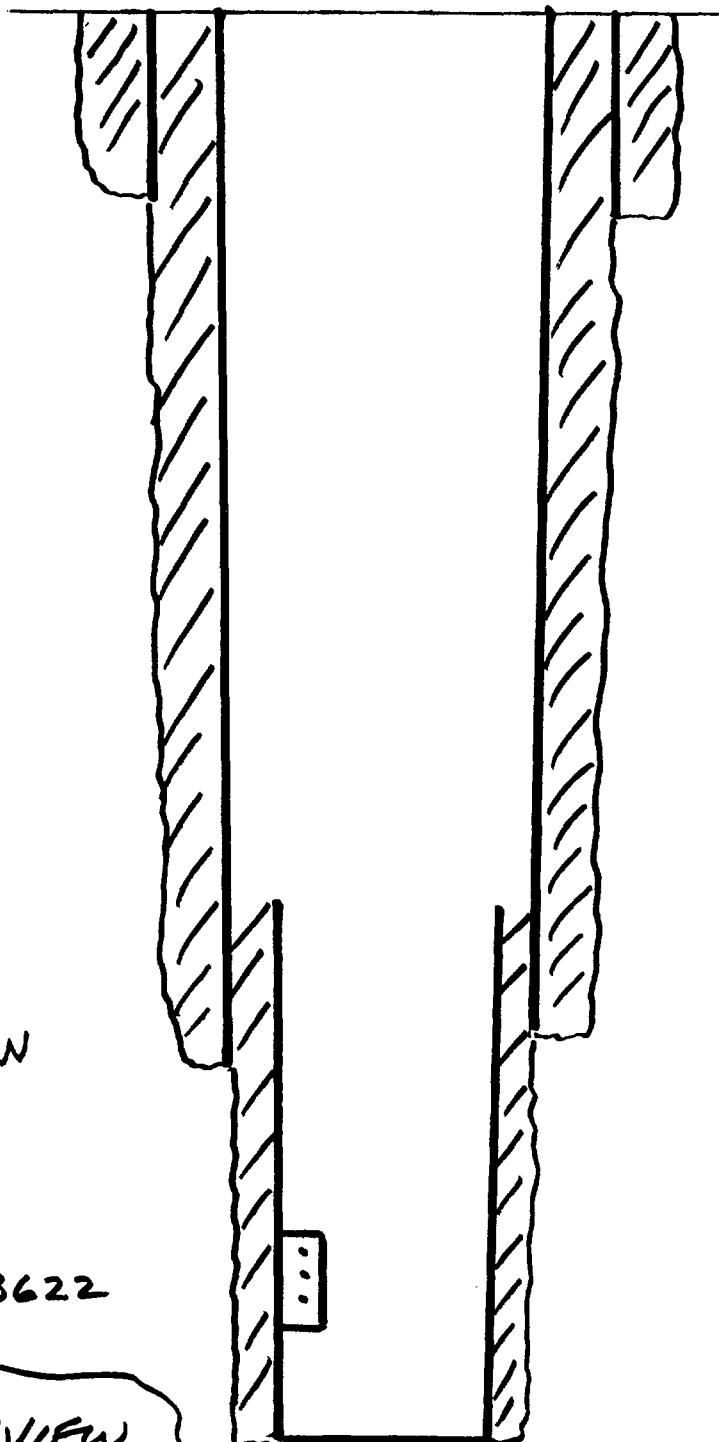
TD 3721

AREA OF REVIEW
WELL #2

OPERATOR: BAXTER WELL NAME: #2 WALLEN FEE

LOCATION: 330 FNL, 1650 FWL T20S, R34E, Lea County, New Mexico SEC 28 (C)

DATE DRILLED/ PLUGGED: 7-26-76



SHUT IN
PRODUCER

13 3/8" - 227' - 1325' C"
(CIRCULATED)
15" HOLE

IP 14 BOPD, 2 BW

7" - 3341' - 10005' C"
(CIRCULATED)
8" HOLE

PERFS 3619-3622

AREA OF REVIEW
WELL #2

TD 3651

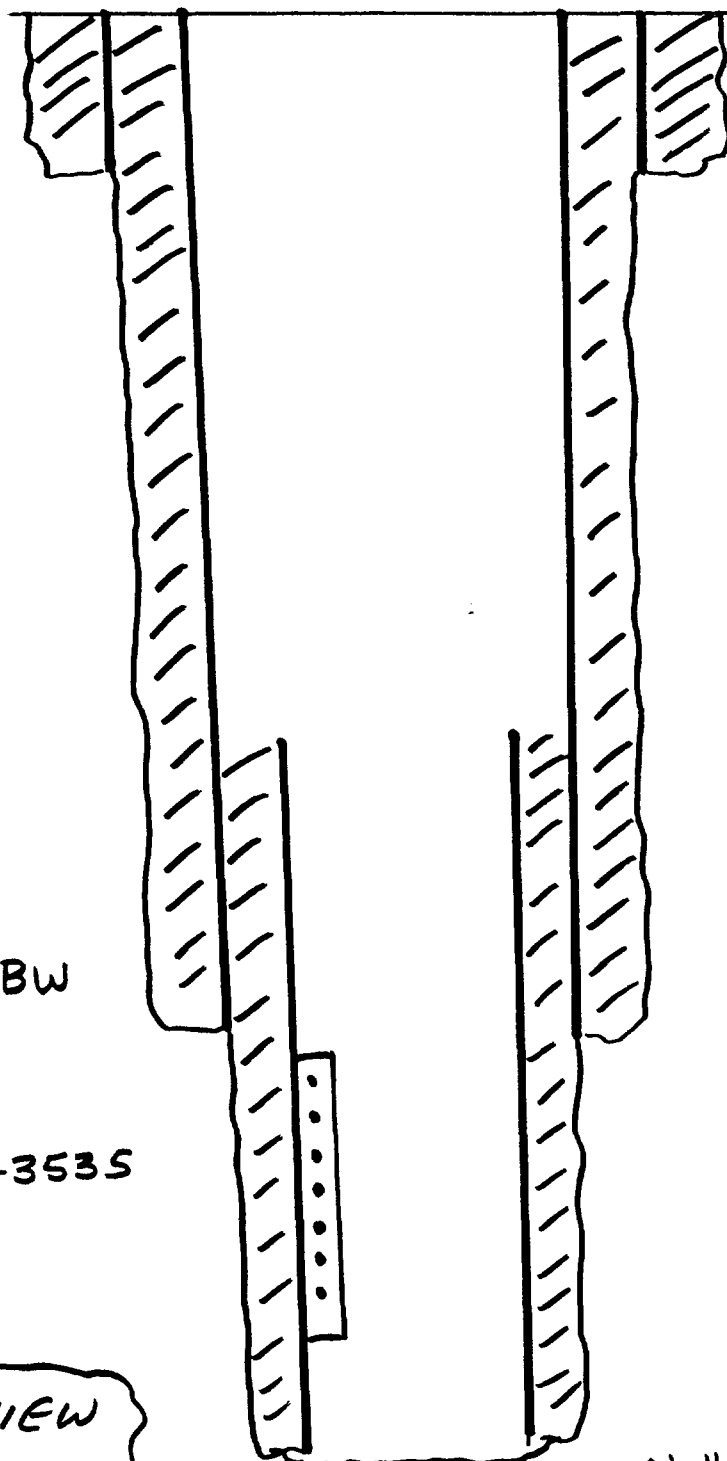
4 1/2" LINER - 605' C"
3125 - 3651
(TOC 3125)

OPERATOR: BAXTER

WELL NAME: #1 WALLEN FEE

LOCATION: 330 FNL, 990 FWL T20S, R34E, Lea County, New Mexico SEC 28 (d)

DATE DRILLED/ PLUGGED: 5-27-76



13 3/8" - 225' - 102 SX
(CIRCULATED)
15" HOLE

7" - 3300' - 1050 SX
(CIRCULATED)
8" HOLE

4 1/2" LINER 3124 - 3692
~~60 SX~~
TOC 3124'
1 1/2" HOLE

SHUT IN
PRODUCER

IP 69 BOPD, 3BW

PERFS 3489-3535

AREA OF REVIEW
WELL # 2

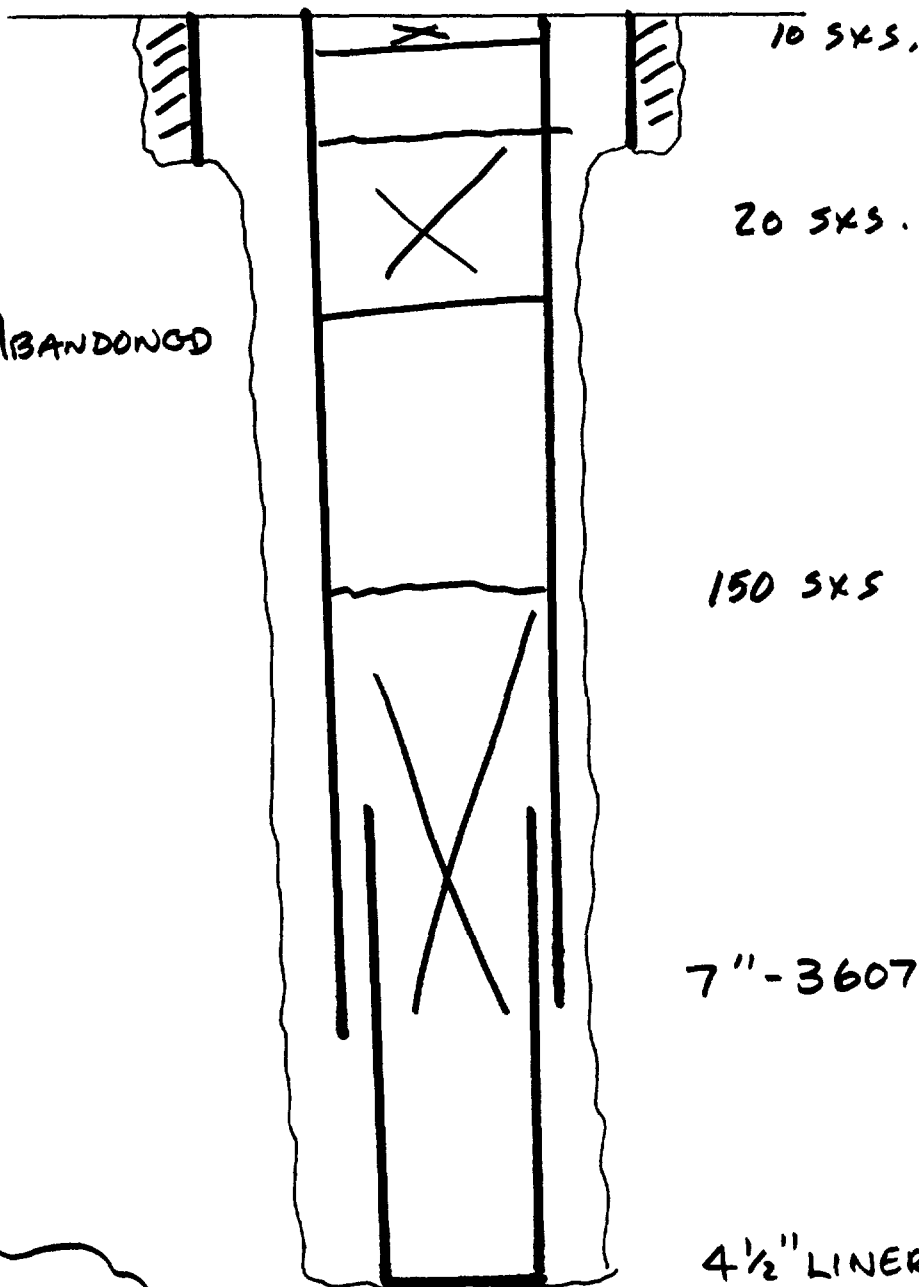
TD 3713

OPERATOR: WALLEN PRODUCTION WELL NAME: #1 WALLEN BASS

LOCATION: 330 FSL, 990 FWL T20S, R34E, Lea County, New Mexico (m) Sec. 21

DATE DRILLED/ PLUGGED: 9-9-80.

PLUGGED AND ABANDONED
9-9-80



7"-3607

4 1/2" LINER

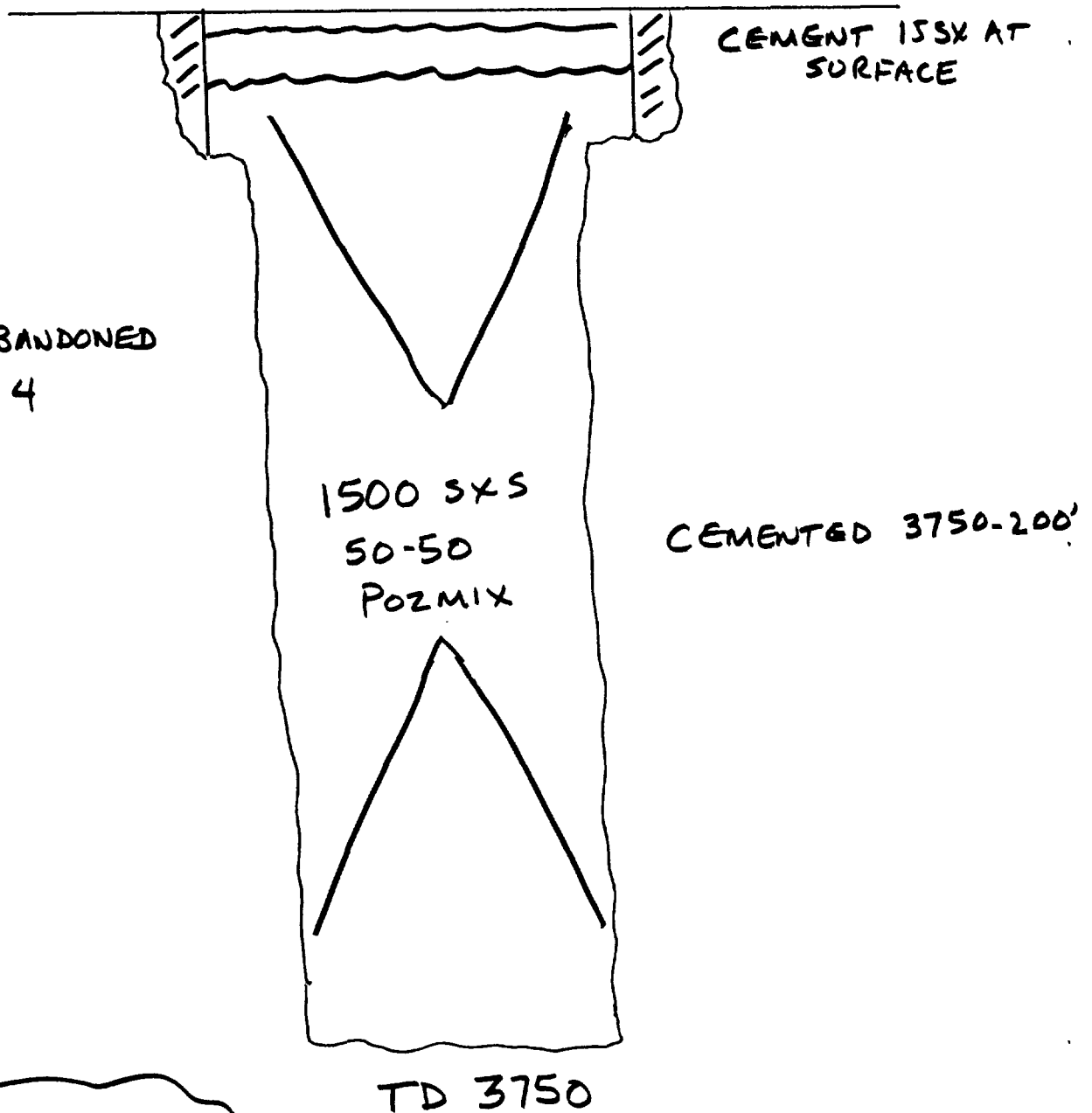
TD 3607
TD 3724

AREA OF REVIEW
WELL #2

OPERATOR: CARPER WELL NAME: #1 FEDERAL AH

LOCATION: 1980 FSL, 660 FEL T20S, R34E, Lea County, New Mexico, SEC 21 (i)

DATE DRILLED/ PLUGGED: 10-30-64



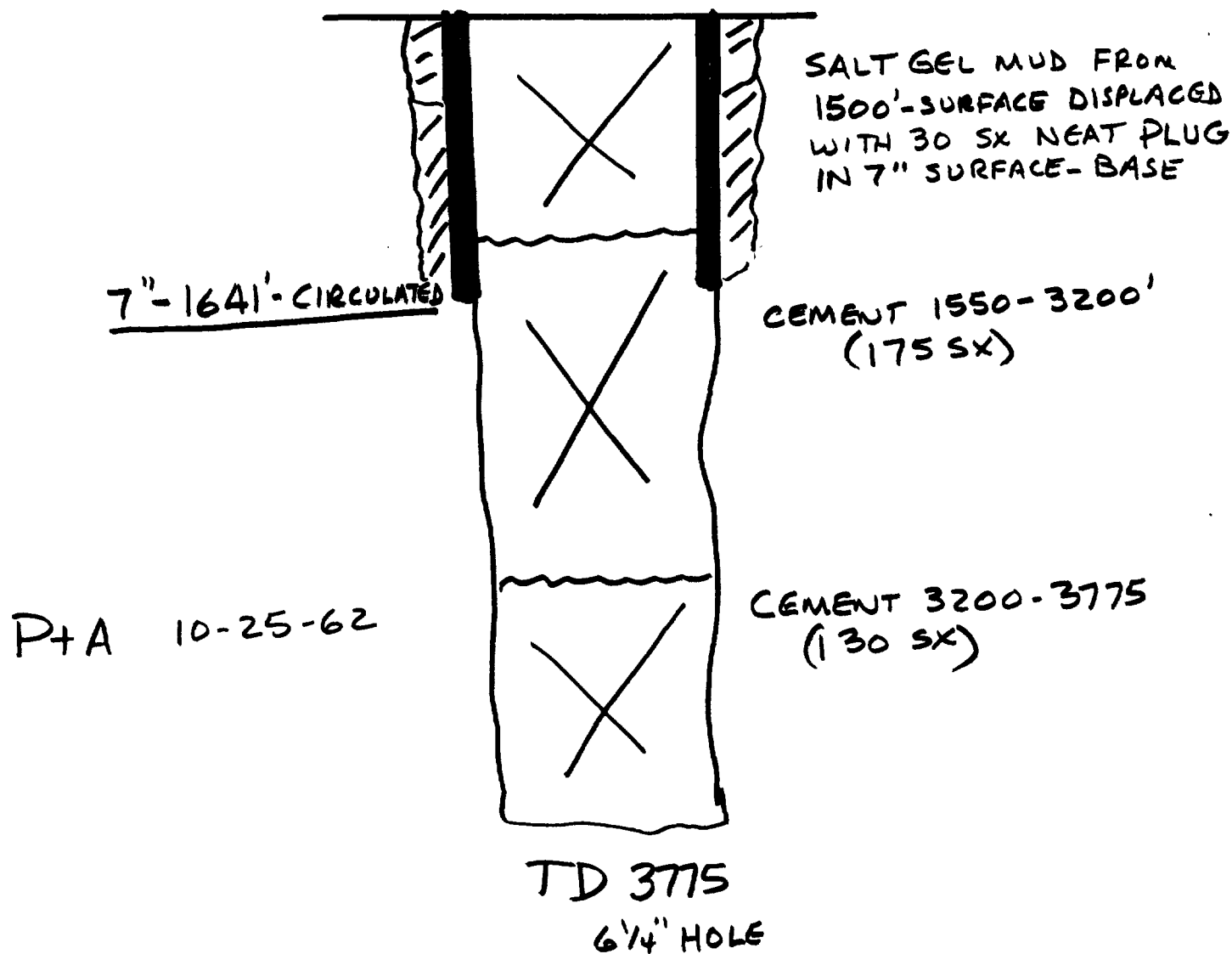
AREA OF REVIEW
WELL # 3 + #2

OPERATOR: CARPER

WELL NAME: #1 THRELKELD

LOCATION: 467FNL, 660FEL T20S, R34E, Lea County, New Mexico SEC 28(a)

DATE DRILLED/ PLUGGED: 10-25-62

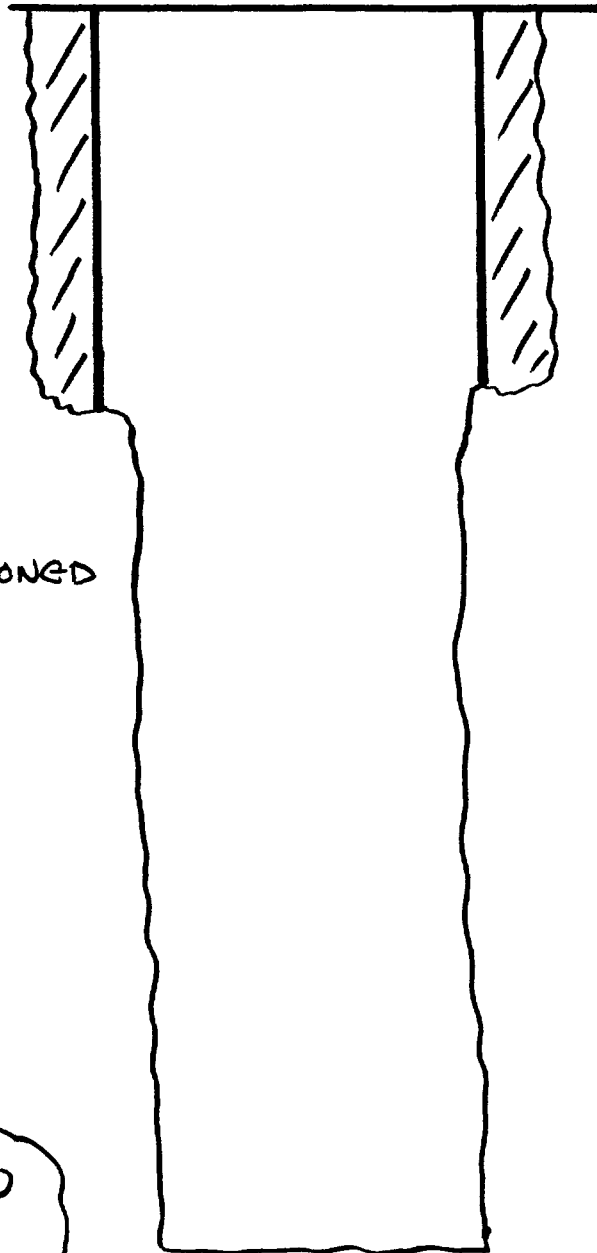


AREA OF REVIEW
WELL # 3 + #2

OPERATOR: CARPER WELL NAME: #1 SINGLETON

LOCATION: 1980 FEL, 2120' FNL, T20S, R34E, Lea County, Sec. 28 (i)

DATE DRILLED/PLUGGED: 4-8-59



8 5/8" - 1573' - 451 SX.
(CIRCULATED)

PLUGGED AND ABANDONED
4-8-59

AREA OF REVIEW
WELL #3 + #2

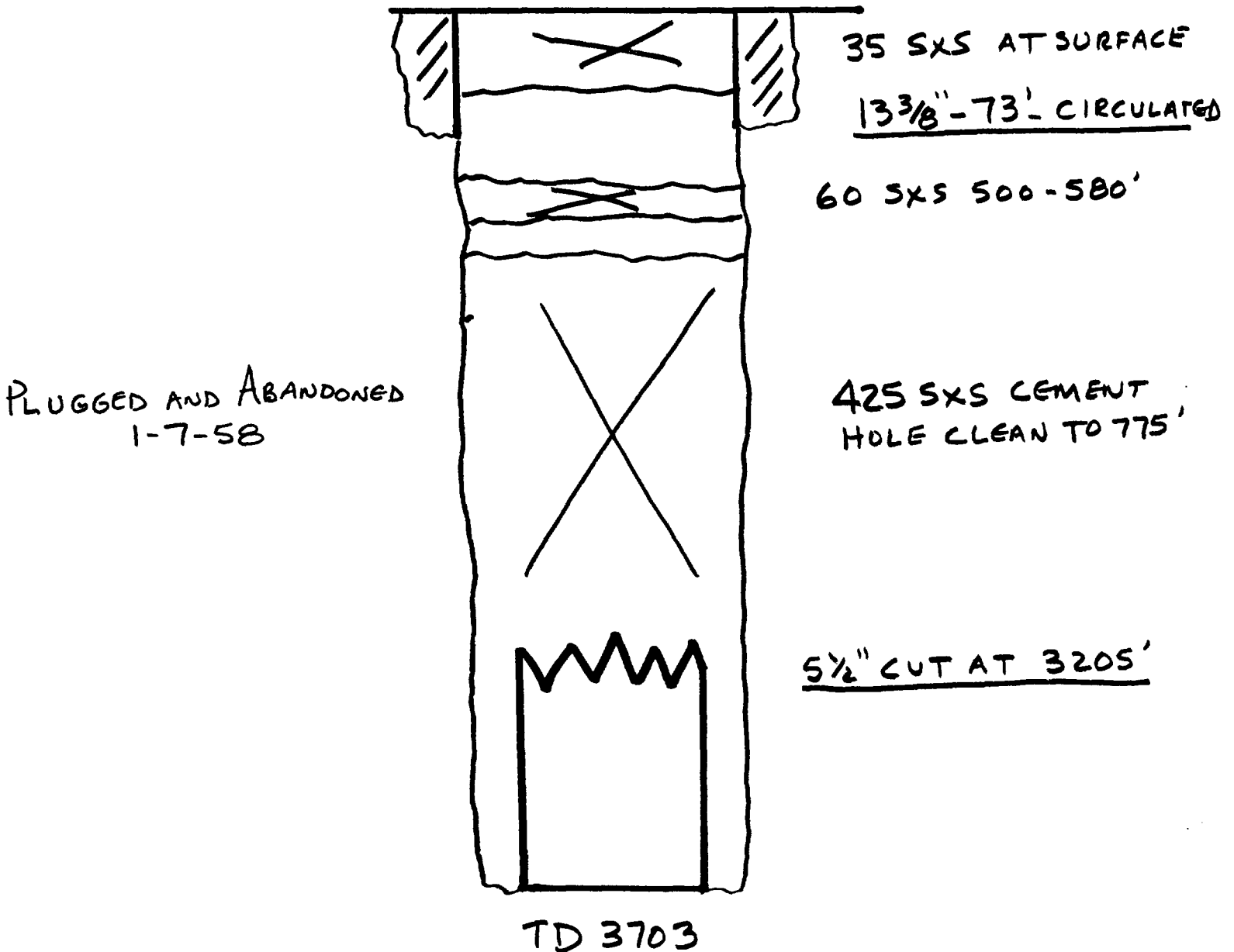
TD 3846

PLUGGING RECORD DOES NOT INDICATE
CEMENT USED TO PTA WELL. A COPY
IS INCLUDED FOR REVIEW. NO OTHER
INFORMATION IS AVAILABLE.

OPERATOR: Wilson WELL NAME: #2 MUSE

LOCATION: 660 SL, 660 FEL, T20S, R34E, Lea County, Sec. 21 (p)

DATE DRILLED/PLUGGED: 1-7-58



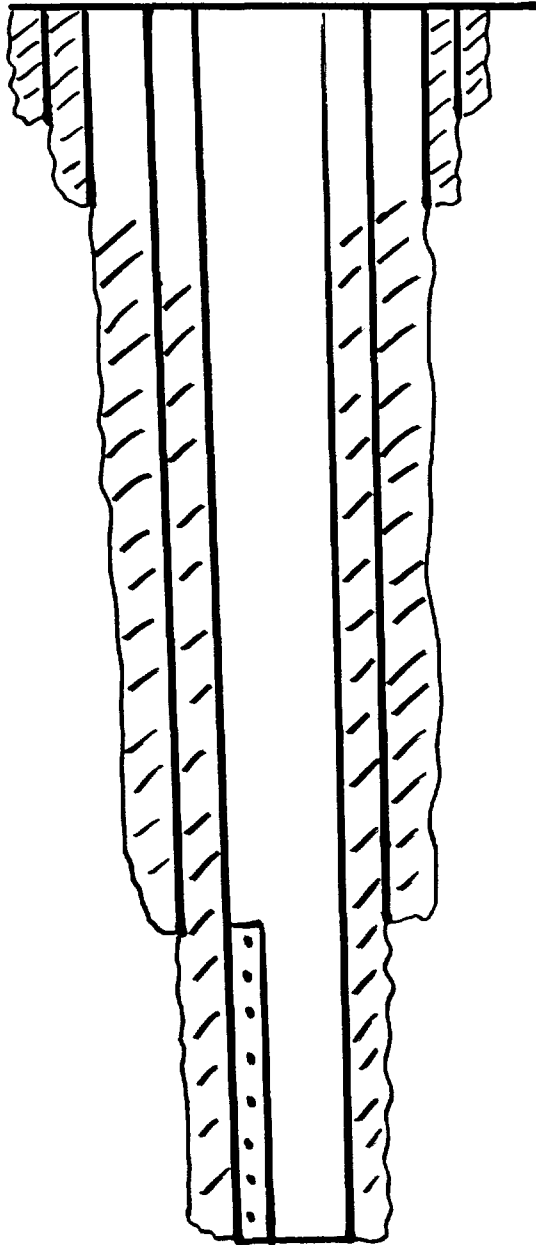
AREA OF REVIEW
WELL # 3 + #2

OPERATOR: DEVON WELL NAME: #5 BALLARD

LOCATION: 330 S-990FW, T20S, R34E, Lea County, Sec. 22 (M)

DATE DRILLED/~~PLUGGED~~: 12-3-62

ACTIVE
PRODUCER



13 3/8" - 72' - 50 SY.
8 5/8" - 1568' - 350 SY.

7" - 3505' - 450 SY.

4 1/2" - 3637' - 200 SY.

PERFS: 3505 - 3637

~~TD 3750~~

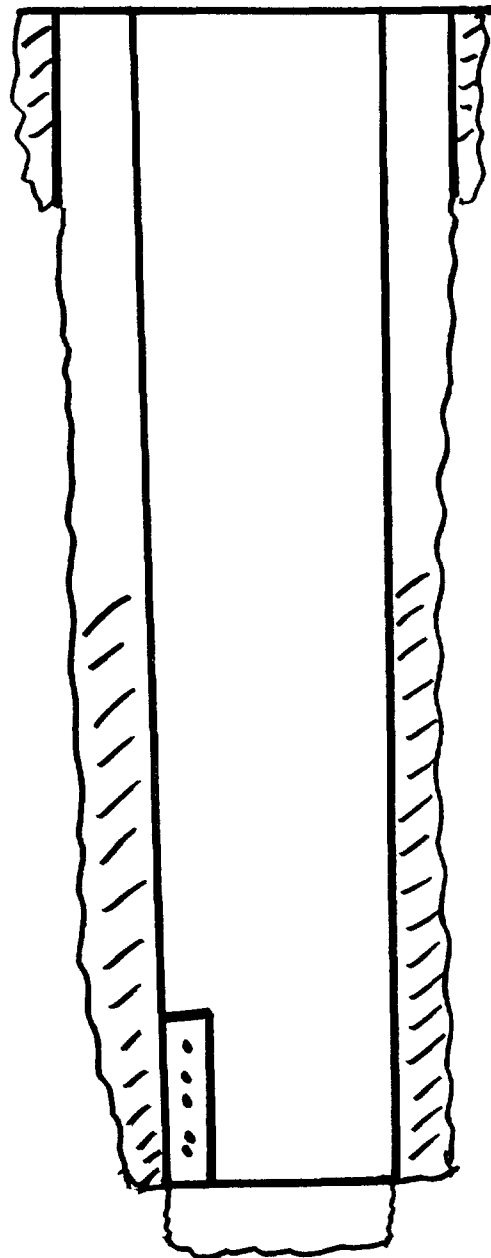
TD 3637

AREA OF REVIEW
WELL #3

OPERATOR: YUCCA ENERGY WELL NAME: #1 D+E FEDERAL

LOCATION: 660 FSL-1980 FWL, T20S, R34E, Lea County, Sec. 22 (N)

DATE DRILLED/PLUGGED: 5-16-60



8 5/8" - 1571' - 350 SX.

ACTIVE
PRODUCER

5-16-60

PERFS/OH : 3540-3690

5 1/2" - 3555' - 50 SX.

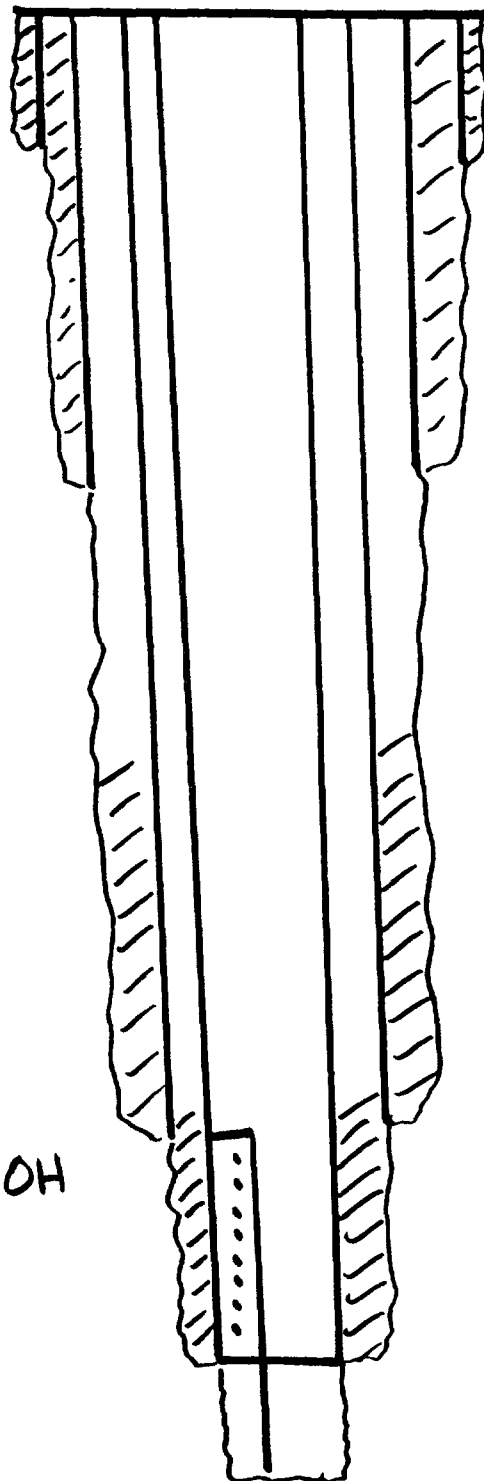
TD 3690

AREA OF REVIEW
WELL # 3

DEVON
OPERATOR: (DRILLING & EVALUATION) WELL NAME: #3 BALLARD FEDERAL
LOCATION: 990 FNL-FWL, T20S, R34E, Lea County, Sec. 27 (D)
DATE DRILLED/PLUGGED: 5-5-62

ACTIVE
SALT WATER
DISPOSAL

PERFS: 3495-3670 OH



13 3/8" - 66' - 75x

8 5/8" - 1588' - 350 SX

7" - 3490 - 50 SX

5 1/2" - 3615' - 35 SX

TD 3710

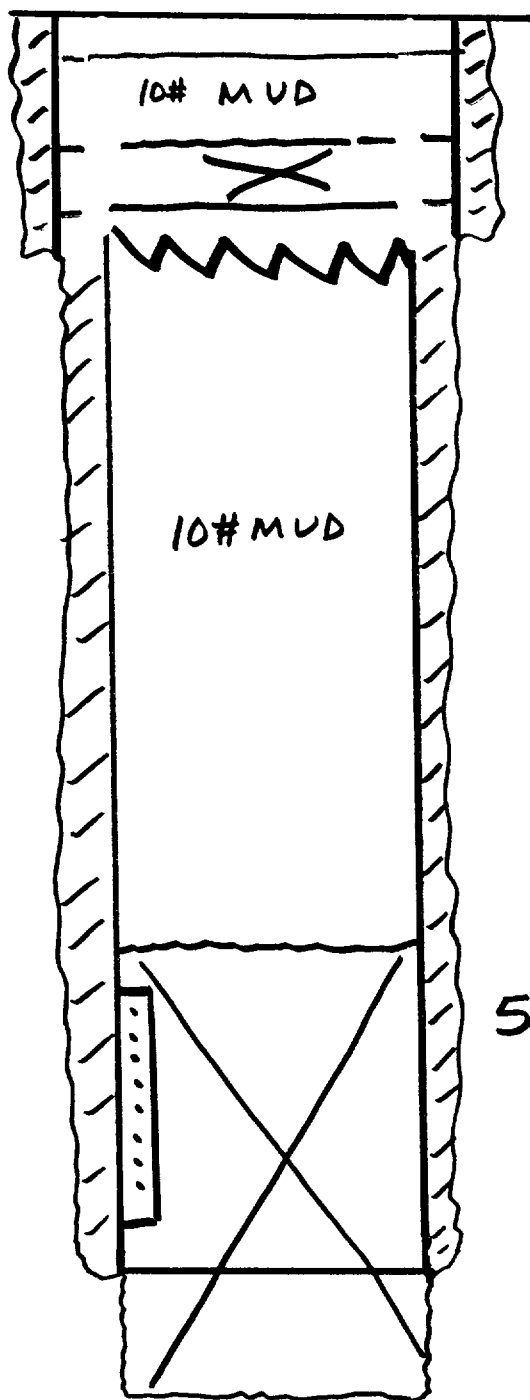
AREA OF REVIEW
WELL #3

OPERATOR: FRENCH

WELL NAME: #1 PERRY FEDERAL

LOCATION: 1650 FSL-2310 FWL T20S, R34E, Lea County, New Mexico SEC 22 (K)

DATE DRILLED/ PLUGGED: 7-26-62



15 SX AT SURFACE

25 SX. 1450-1575.

8 5/8" - 1650' - 440 SX.

PULLED 1575' 4 1/2"

10# MUD 1450-3500

50 SX 3500-3765

4 1/2" - 3789' - 598 SX.

TD 3832

ABANDONED
PRODUCER
11-13-63

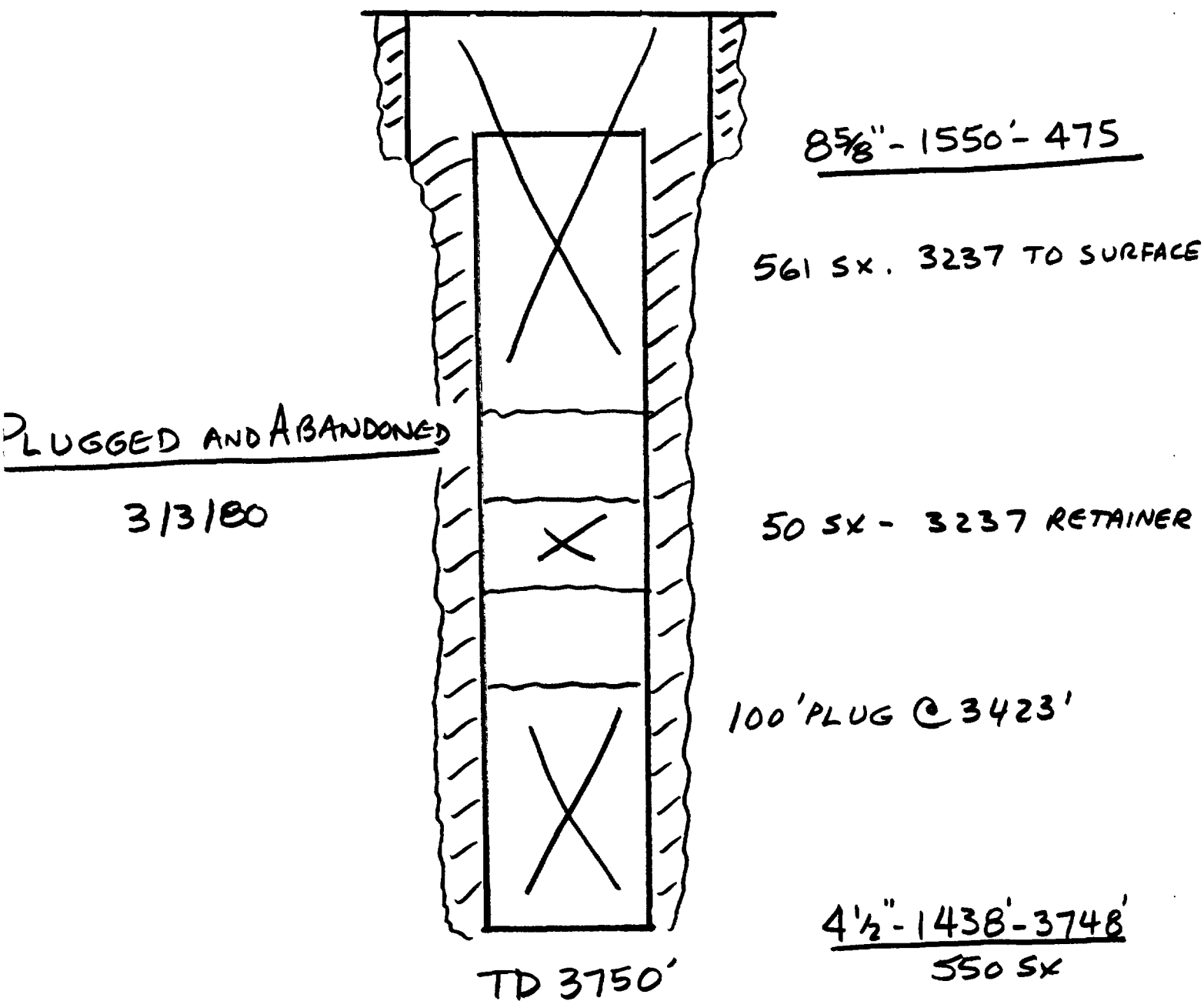
PERFS: 3581-3765

AREA OF REVIEW
WELL #3

OPERATOR: ^{ARCO} (SINCLAIR) WELL NAME: #6 BALLARD

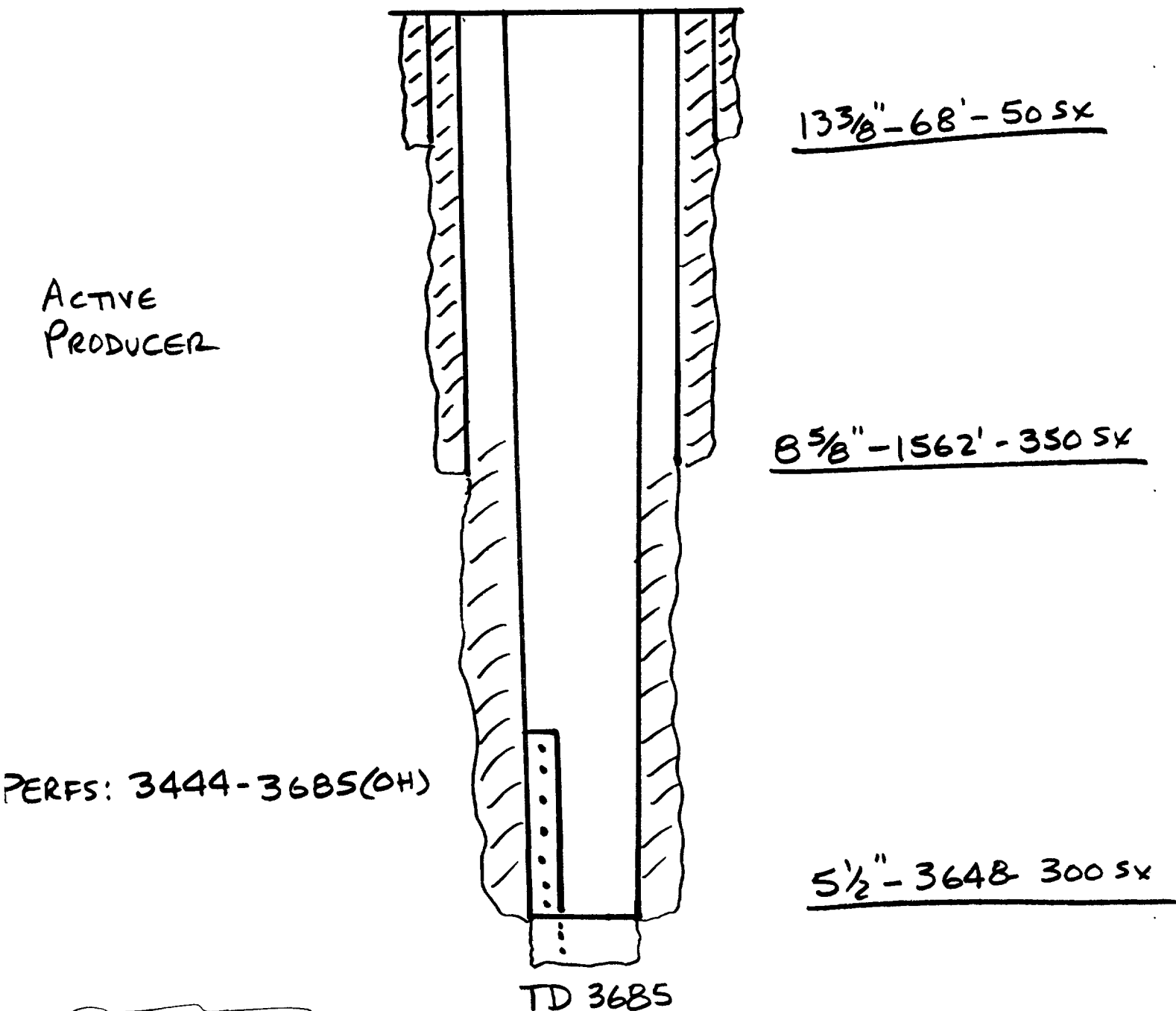
LOCATION: 1650 FEL, 990FWL, T20S, R34E, Lea County, Sec. 22 (L)

DATE DRILLED/PLUGGED: 6-14-65



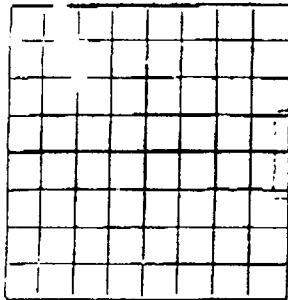
AREA OF REVIEW
WELL #3

DEVON
OPERATOR: (SINCLAIR) WELL NAME: BALLARD FED #2
LOCATION: 330 FNL-2310 FWL T20S, R34E, Lea County, New Mexico 27 (C)
DATE DRILLED/ PLUGGED: 12-7-61



AREA OF REVIEW
WELL #3

Revised 1/1/80
(Form C-100)



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE. If State Land submit 6 Copies

PLUGGED & ABANDONED

Carper Drilling Company, Inc.

Singleton

Well No. 1, in SW 1/4 of NE 1/4, of Sec. 28, T. 20-S, R. 34-E, NMPM.

Undesignated

Pool

Lea

County

Well is 1980 feet from East line and 2120 feet from North line of Section 28. If State Land the Oil and Gas Lease No. is Fee land

Drilling Commenced Feb. 27, 1959 Drilling was Completed April 8, 1959

Name of Drilling Contractor Carper Drilling Company, Inc. - Cable tools

Address 200 Carper Building, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3697' The information given is to be kept confidential until 19

OIL SANDS OR SONES

No. 1, from VSSO 3545 to 3575 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

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

No. 1, from ID 3844 HE W to feet
No. 2, from to feet
No. 3, from to feet
No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF HOSE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24	New	1573	Guide	—	—	surface

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	1573'	451	pump & plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Result of Production Stimulation

Depth Cleaned Out P & A

RECORD OF DRILL-STEM AND SPECIAL TOOLS

If drill-stem or other special tools or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 1573 feet, and from _____ feet to _____ feet.
Cable tools were used from 1573 feet to 3846 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing P & A, 19____

OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____ % was
was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
Gravity _____

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. <u>1573</u>	T. Devonian _____	T. Ojo Alamo _____
T. Salt. <u>1985</u>	T. Silurian _____	T. Kirland-Fruitland _____
B. Salt. <u>3280</u>	T. Montoya _____	T. Farmington _____
T. Yates. <u>3330</u>	T. Simpson _____	T. Pictured Cliffs _____
T. 7 Rivers. <u>3840</u>	T. McKee _____	T. Menefee _____
T. Queen _____	T. Ellsburger _____	T. Point Lookout _____
T. Grayburg _____	T. Gr. Wash _____	T. Mancos _____
T. San Andres _____	T. Granite _____	T. Dakota _____
T. Glorieta _____	T. _____	T. Morrison _____
T. Drinkard _____	T. _____	T. Penn _____
T. Tubbs _____	T. _____	T. _____
T. Abo _____	T. _____	T. _____
T. Peas _____	T. _____	T. _____
T. Miss _____	T. _____	T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	60	60	Surface sands				
60	1573	1513	Red beds & sand				
1573	1773	200	Anhyd.				
1773	1985	180	" & salt				
1985	3280	1325	Salt				
3280	3345	85	Anhyd.				
3345	3530	165	" & Dolomite				
3530	3840	310	Sand with interbedded anhyd. & dol.				
3840	3846	6	Dolomite				

Enclosed are two copies Lone Well Gamma-Ray-Neutron logs.

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

June 1, 1999

(Date)

Company or Operator Casper Drilling Co., Inc.

Address Artesia, New Mexico

Name Thomas R. Rault

Position or Title Vice-President

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

HOBBS OFFICE O. C. C.
NEW MEXICO OIL CONSERVATION COMMISSION
Mar 7 7 50 AM '66

Form C-103
 Supersedes Old
 C-102 and C-103
 Effective 1-1-65

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
9. Well No.	
10. Field and Pool, or Wildcat	
12. County	

SUNDRY 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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Dry
2. Name of Operator William A. & Edward E. Hudson
3. Address of Operator 302 Carper Building, Artesia, New Mexico
4. Location of Well UNIT LETTER D 990 FEET FROM THE West LINE AND 990 FEET FROM THE North LINE, SECTION 28 TOWNSHIP 208 RANGE 34E N.M.P.M.
15. Elevation (Show whether DF, RT, GR, etc.) 3690 D.F.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1108.

On February 20, 1966, verbal approval was obtained by Mr. Joe Ramsey to plug well as follows: Plugged back with rocks and lead wool from 3721 to 3708. Bailed hole dry (water shut-off). Shot off 7" casing at 3472'. On Feb. 21, plugged back with cement from 3708-3433', mud from 3433 to 3300' and cement from 3300 to 1500', mud from 1500' to 950', cement from 950' to 850' and mud to 10'. Cemented 10' at surface. 10-3/4" and 8-5/8" casing strings were pulled. Used 622 sacks of cement. A 4" x 10' pipe marker has been placed at surface. Location has been cleaned and is ready for inspection.

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

SIGNED Ralph L. Gray TITLE Consulting Engineer DATE March 3, 1966
 APPROVED BY John W. Runyon TITLE _____ DATE _____
 CONDITION OF APPROVAL, IF ANY:

Form 9-311
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYCOPY TO O.G.S.
SUBMIT IN TRIPlicate
(Other instructions
verse side)Form approved.
Budget Bureau No. 42-R1424

6. LEASE DESIGNATION AND SERIAL NO.

LC070315

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Wallen Bass

9. WELL NO.

1

10. FIELD AND POOL, OR WELLS
Rivers
Middle Lynch, Yates, Se11. SEC., T., R., OR BLK. AND
SURVEY OR ALTA

Sec 21, T 20 S, R 34

12. COUNTY OR PARISH

Lea

13. STATE

New Mexi

SUNDRY 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 ☐

2. NAME OF OPERATOR

Walter W. Krug DBA Wallen Production Company

3. ADDRESS OF OPERATOR

Box 1960 Midland, Texas 79702

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

990' F W L and 330' F S L

14. PERMIT NO.

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

3672

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

RECEIVED
SEP 09 1980
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

FULL OR ALTER CASING

MULTIPLE COMPLETS

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Setting a liner 4 1/2"

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

U. S. GEOLOGICAL SURVEY

HOBBS, NEW MEXICO
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 perti-
nent to this work.)

On 8/28/1980 we set 548' of 4 1/2", 10.5#, K-55 casing inside 3320'
of 7" salt string in a 3607' TD hole. We cemented with 60 sacks of
Class "c" neat cement and a temperature log run 8 hours later showed
good cement to 3300 feet. This brought cement up inside our 7" casing.

2388
The location —
Do you have anything further? was it completed or
plugged after it was re-entered in 1930?
Evelyn
Hobbs OGD

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

SIGNED

Halter W. Day

TITLE

Engineer

DATE

8/29/1980

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

P. Charter

SEP 12 1980

DATE

*See Instructions

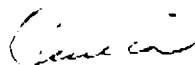
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

E

3-14-88

Evelyn,

This Sundry is the last thing we have in our file here and at the Roswell District plus the inspection record of abandonment dated 9-9-80. I have tried to locate a Walter W. Krug and/or Wallen Production Co. and they do not exist anymore. I found this file in our abandonment files, so I guess it has been approved with nothing but the inspection record of abandonment. The Lea County files in this office are few as we did not really start keeping well files until they moved the APD to Carlsbad in April of 1984. I am up against a wall when it comes to try and clear these old wells with not even a file. I hope this will help you.



COPY

COPY TO O.C.C.

Form 9-381
(May 1968)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC 070315

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "AM"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Middle Lynch Yates

11. SEC., T., R., M., OR S.E. AND
SURVEY OR AREASec. 21, T 20S, R 34E,
S.M.P.M.

12. COUNTY OR PARISH

13. STATE

Lea

N.M.

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Dry

2. NAME OF OPERATOR

CARPER DRILLING COMPANY, INC.

3. ADDRESS OF OPERATOR

200 Carper Building, Artesia, New Mexico

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

2310 ft. from South Line & 990 ft. from East Line

14. PERMIT NO.

15. ELEVATIONS (Show whether SP, WT, CR, etc.)

3666" DP

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.)*

Total Depth 3750'

Ran Gamma Ray-Formation Density Log.

Plugged and abandoned as follows:

1500 sacks 50-50 pozzmix, 4% gel, 11% salt 1% calcium chloride, cement from 3750' to 200'. Completed 3:30 P. M. 10-30-64.

15 sacks regular cement at surface with regulation marker.

Plugging witnessed by Mr. Arthur Brown, U. S. G. S. Hobbs, New Mexico.

When location is ready for inspection, we will advise the U.S.G.S. in Hobbs, New Mexico.

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

Original

SIGNED Vincent Foster

TITLE Petroleum Engineer

DATE 11-12-64

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

L. GORDON
ACTING DISTRICT ENGINEER

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Carper Drilling Company, Inc. & T.J. Sivley		Address T.J. Sivley, P.O. Drawer 60, Artesia, N.M.	
Lease Threlkeld, et al	Well No. 2	Unit Letter A	Section 28
		Township 20-S	Range 34-E
Date Work Performed 10/25/ and 10/26/62	Pool Undesignated	County Lea County	

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
- ☒ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

On 10/25/62 this well was drilled with 6-1/4" hole to a total depth of 3775 ft. without penetrating the Lynch Pay zone (Reef) due to structural low position.

As per conversation with Mr. Eric Engbrecht, and confirmed with Mr. L.T. Borkin, Potash Co. of America this well has been plugged in the following manner.

130 Sack 50/50 Neat Pos-Mix Cement, 0 Gal plug set from 3775' back to 3200' (Base of Salt 3315'). 175 Sacks of 50/50 Pos-Mix Cement with 10% Gel, Saturated salt Mixture, plug across salt section from 3200' back to 1550' in 7" OD Casing set at 1641'. Top of Salt 1700'. No Casing recovered as it was cemented back to ground surface. Salt Gel Mud from 1550 back to surface and displaced at surface with 30 sacks Neat Cement plug from top of 7" OD Casing down. Regulation plug Marker to be erected, and lease cleaned up for final abandonment.

Witnessed by A.L. Plarua and T.J. Sivley	Position Operator	Company T.J. Sivley & Carper Drilling Company
--	-----------------------------	---

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

DF Elev. 3693 DF	TD 3775'	PBTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	

Perforated Interval(s)

Open Hole Interval

Producing Formation(s)

RESULTS OF WORKOVER

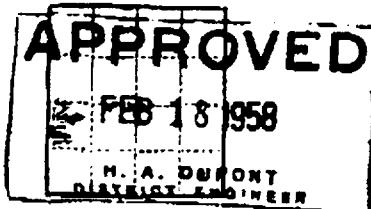
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by <i>Lester A. Clements</i>	Name T.J. Sivley
Title	Position Operator
Date	Company T.J. Sivley, P.O. Drawer 60, Artesia, N.M.

✓✓

Form 9-551a
(Feb. 1961)Budget Bureau 42-3362
Approval expires 12-31-61

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Hobbs N.M.
Lobby No. LS 070315
Unit P

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Wilson Oil Company #2 Muse

January 7

1958

Well No. 2 is located 660 ft. from X S line and 660 ft. from E line of sec. 21

<u>SE/4 SE/4</u> (4 Sec. and Sec. No.)	<u>20S</u> (Twp.)	<u>34E</u> (Range)	<u>NMPn</u> (Meridian)
<u>Middle Lynch</u> (Field)	<u>Lea County</u> (County or Subdivision)	<u>New Mexico</u> (State or Territory)	

The elevation of the derrick floor above sea level is 3674 ft.

DETAILS OF WORK

(State nature of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate casing jobs, cementing points, and all other important proposed work)

Well was drilled to a total depth of 3703'. Plugged back to 3691 with lead wool; knocked off 5-1/2" casing at 3205; ran tubing to plug back depth; pumped 425 sacks cement with gel in stages; circulated hole clean 775' to the surface. After pulling 10-3/4" casing, a cement plug of 60 sacks was set from 500 to 580'. The 13-3/8" casing, set at 73' was not pulled, and a cement plug of 35 sacks was set at the surface with regulation marker.

The above plugging gives a solid cement column through the salt section, and confines each water zone to its source bed. The work was performed and witnessed by U.S.G.S. representative and potash company representative.

2-17-58 fac. QK. JEB

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company WILSON OIL COMPANY

Address Box 1436,
Artesia, New Mexico

By [Signature]
Title Vice President

DISTRIBUTION	
SANTA FE	
FILE	
LAND OFFICE	
OPERATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

OFFICE U. C. C.

MISCELLANEOUS NOTICES

Nov 19 10 32 AM '83

Notice of Intention to Abandon Well. The work specified is to begin. A copy will be submitted to the Commission for approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS	NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL	NOTICE OF INTENTION TO DRILL DEEPER
NOTICE OF INTENTION TO PLUG WELL	NOTICE OF INTENTION TO PLUG BACK	NOTICE OF INTENTION TO SET LINES
NOTICE OF INTENTION TO EQUIP	NOTICE OF INTENTION TO ADJUST	NOTICE OF INTENTION TO SHOOT (NITR)
NOTICE OF INTENTION TO CUM PERFORATE	NOTICE OF INTENTION TO (ITR)	NOTICE OF INTENTION TO (ITR)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Odessa, Texas

7-15-83 (Date)

Gentlemen:

Following is a notice of Intention to do certain work as described below as the

Operator: W. R. French, JR. Well No. 1111111111
 Date of Notice: 22 Month of NOV Year 1983 Time 10:30 AM
 Location: Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

FINAL ABANDONMENT

Set 50 sk. plug from 3765-3500' 10% mud from 3500 to 1450'
 pulled 1575' 4 1/2" casing. Set 25 sk. plug at 1575'-1450' (Shoe
 of 8 5/8" @ 1650') From 1575 to surface full of 10% Mud. Set
 15 sk. plug @ surface. welded on plate and welded identification
 pole on 8 5/8" casing.

MAJOR OFFICE OGC

1983 NOV 15 AM 10 13

Approved: W. R. French, JR. 19
 Except as follows:

Approved
OIL CONSERVATION COMMISSION

By: _____
 Title: _____

By: W. R. French, JR.

Position: Production Superintendent

Name: David H. Donaldson
 Address: Box 591 Odessa, Texas

Form 9-331
Dec. 1973

OIL CONS. COMMISSION

P.O. BOX 1980

UNITED STATES NEW MEXICO 88240

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.

Budget Bureau No. 42-R1424

SUNDRY 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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Plug & Abandon SWDW2. NAME OF OPERATOR **ARCO Oil and Gas Company**
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1650' FSL & 990' FWL

AT SURFACE:

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐CHANGE ZONES ☐ABANDON* ☐(other) ☐

SUBSEQUENT REPORT OF:

RECEIVED

NOV 10 1982

OIL & GAS

MINERALS MGMT. SERVICE

ROSWELL, NEW MEXICO

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

RU 2/28/80. Ran 2-3/8" tbg to 3423', set 100' plug Cl C cmt w/10% salt/sk. RIH w/cmt retr, set retr @ 3237', pmpd 50 sx Cl C cmt salt saturated. PO of retr, spot 561 sx Cl C cmt salt saturated 3237' to surf. Installed regulation dry hole marker, clean & leveled location to BLM stipulations. P&A eff 2/28/80. Final Report.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED *Peter W. Chester* TITLE Dist. Dir. Supt. DATE 3/3/80**APPROVED**

(This space for Federal or State office use)

APPROVED BY (Off. Sgd.) PETER W. CHESTER TITLE _____ DATE _____
CONDITIONS OF APPROVAL IF ANY.

DEC 1 1982

FOR

JAMES A. GILLHAM

DISTRICT SUPERVISOR *See Instructions on Reverse Side

Malcolm



G/R - Neutron
Log

PERMIAN RESOURCES, INC.

COMPANY Waller Production Co.

WELL Bass #2

FIELD Lyrich

COUNTY Lea STATE N. Mex.

LOCATION 660 FSL & 2310 FWL

OTHER SERVICES:

SEC. 21 TWP. 20-S R. 34-E

ELEVATIONS:

Permanent Datum Ground Level Elev. 3672

Log Measured From 1 Ft. Above Perm Datum

Drilling Measured From D.F.

KB.

DF. 3673

GL. 3672

Date	<u>2-1-80</u>
Run No.	<u>1-NW</u>
Type Log	<u>Gamma Ray Neutron</u>
Depth—Driller	<u>3585</u>
Depth—Logger	<u>3585*</u>
Bottom logged interval	<u>3575* 3585*</u>
Top logged interval	<u>10*</u>
Type fluid in hole	<u>water</u>
Salinity, PPM Cl.	
Density	
Level	<u>1087</u>
Max. rec. temp., Deg. F.	
Operating rig time	<u>3 hrs.</u>
Recorded by	<u>W. W. Gray</u>
Witnessed by	<u>W. W. Gray</u>

RUN No	BORE-HOLE RECORD				CASINO	
	Bit	From	To	Size	Wgt.	Fi
	<u>1 1/2</u>	<u>SURF</u>	<u>259</u>	<u>13 1/8</u>		<u>8 1/2</u>
<u>12 1/2</u>	<u>4 1/2"</u>	<u>295</u>	<u>1092</u>			
	<u>8</u>	<u>1092</u>	<u>3473</u>	<u>7</u>		<u>See</u>
	<u>6</u>	<u>3473</u>	<u>3585</u>	<u>O.H.</u>		

PERMIAN RESOURCES, INC.

P.O. Box 590

Midland, Texas 79702

GAMMA RAY

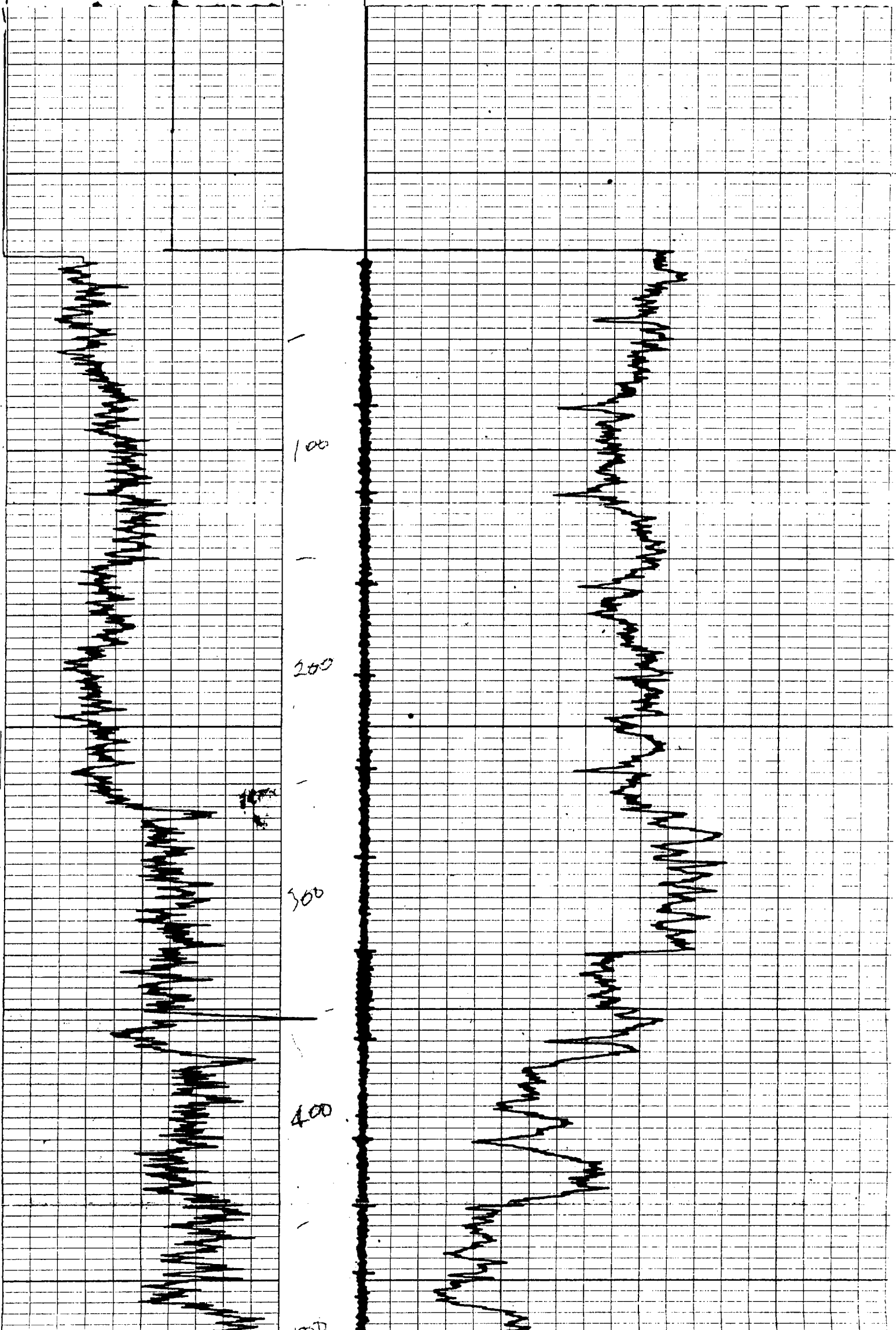
DEPTHS

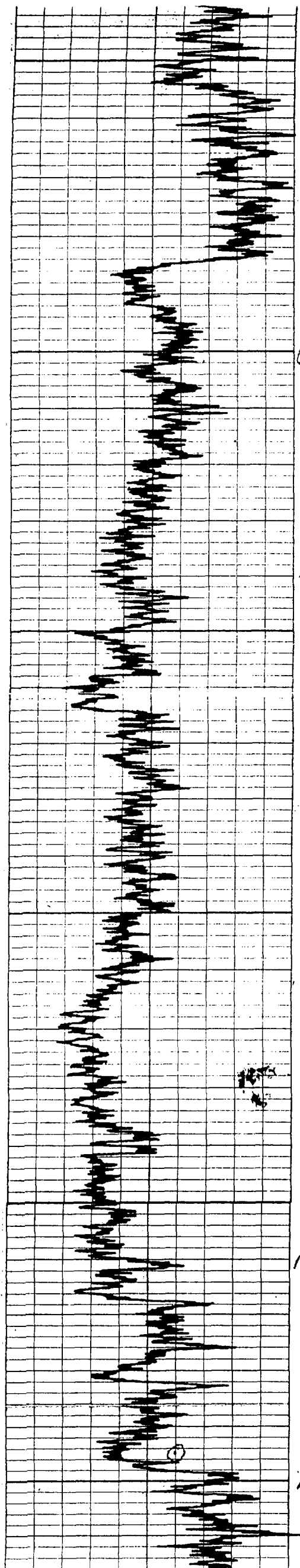
NEUTRON

API GAMMA RAY UNITS

API NEUTRON UNITS

60 10 100 700 100 200





500

600

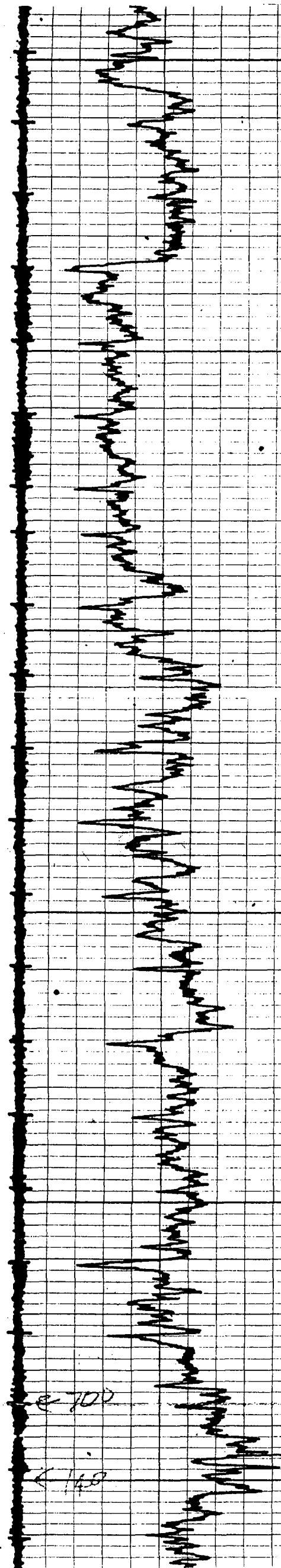
700

800

900

1000

1100



700

140

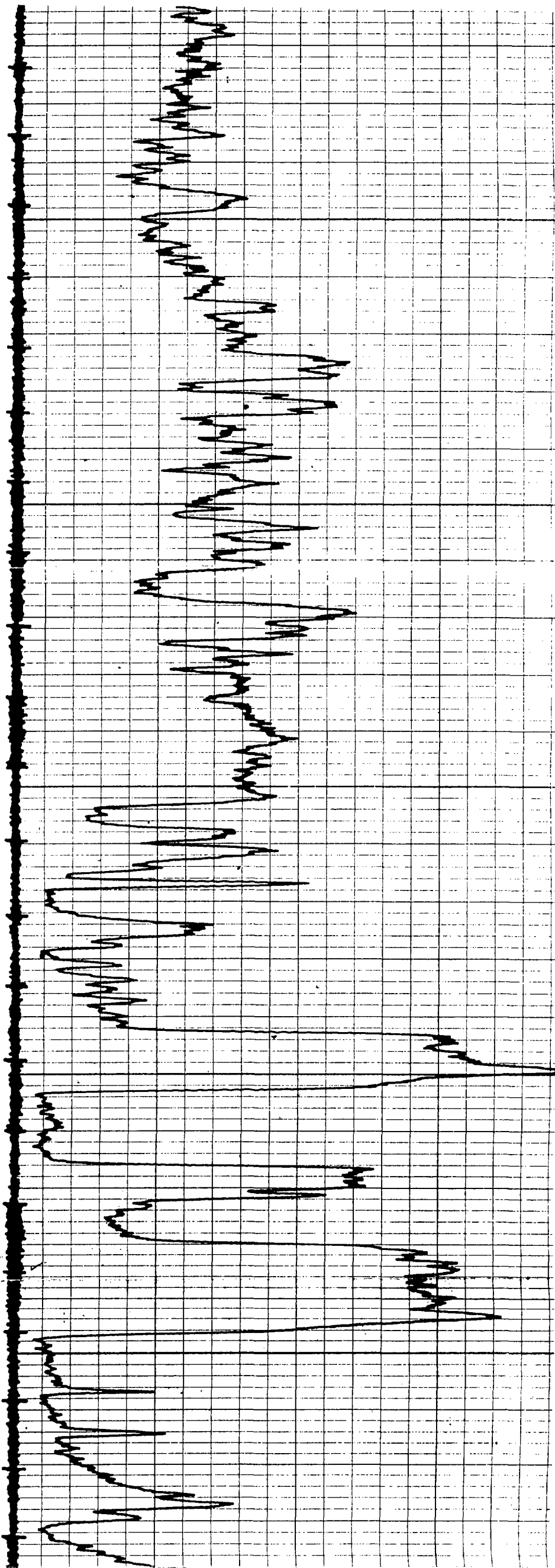
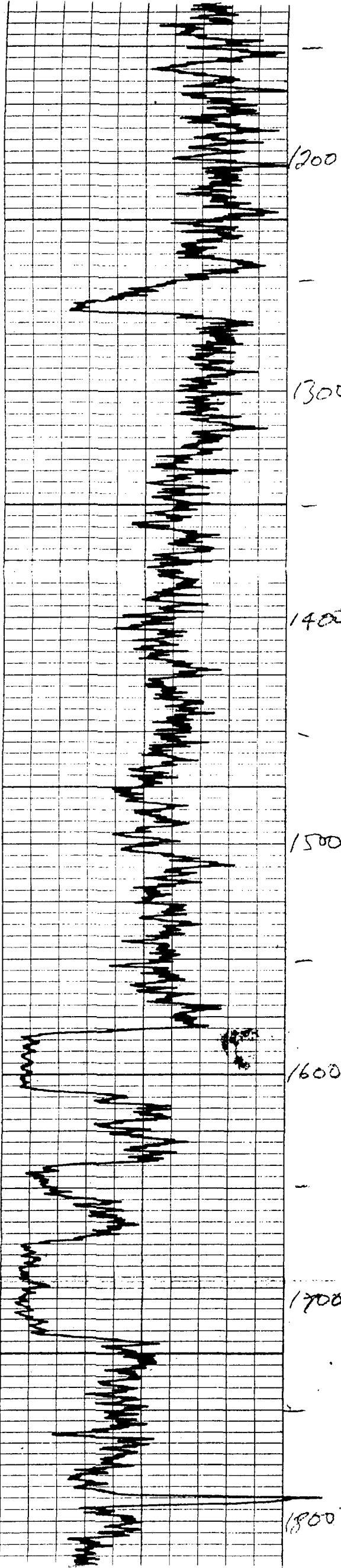
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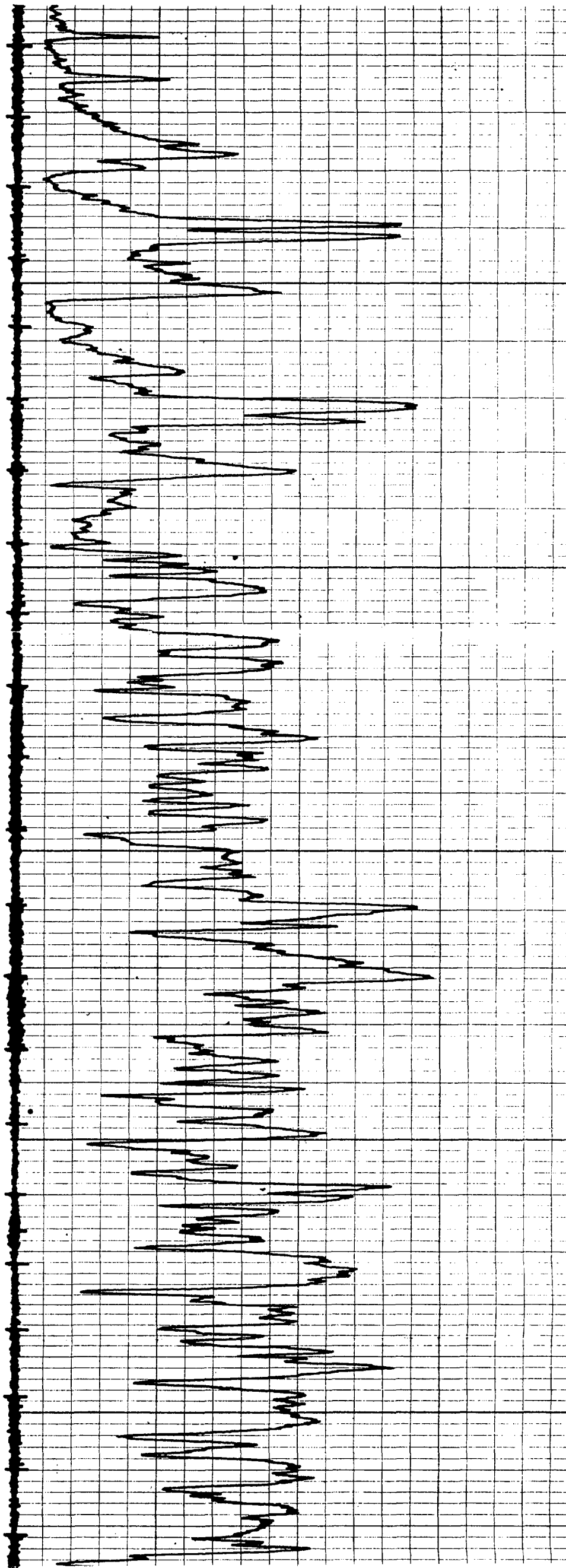
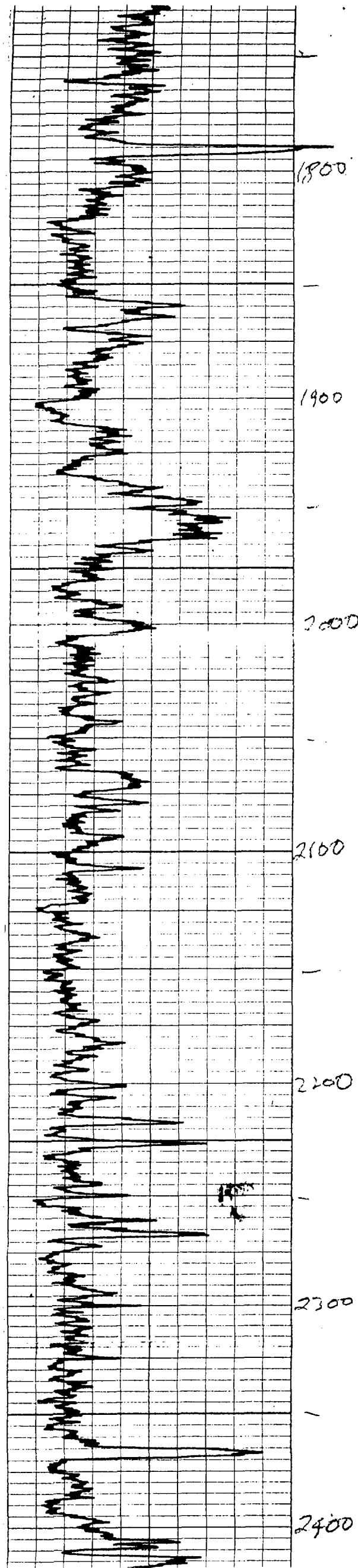
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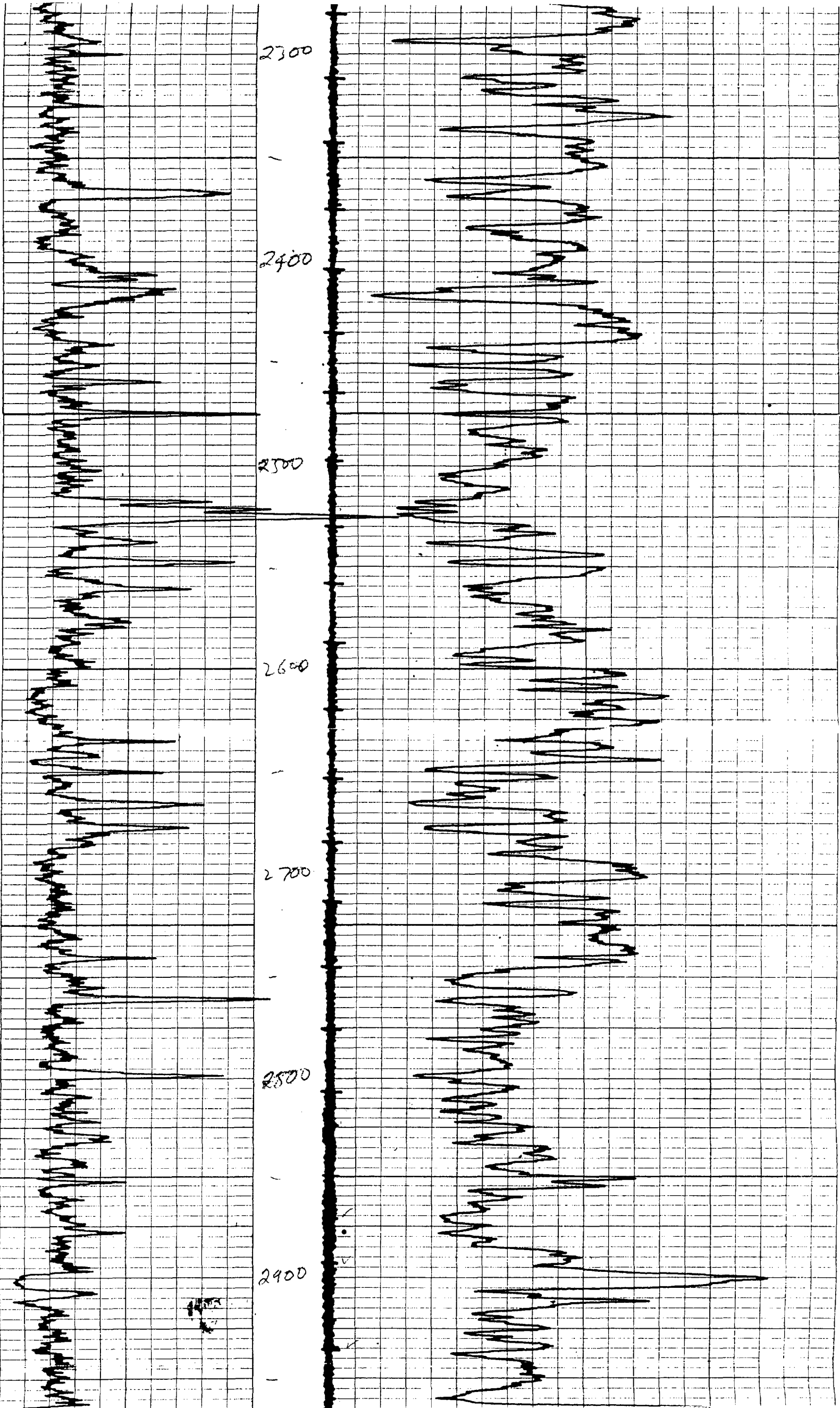
Fluid Level

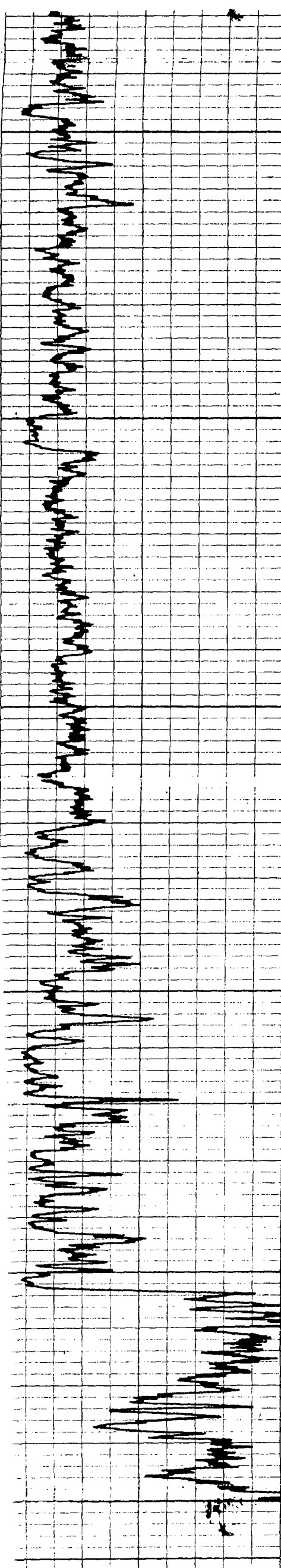
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1540









3000

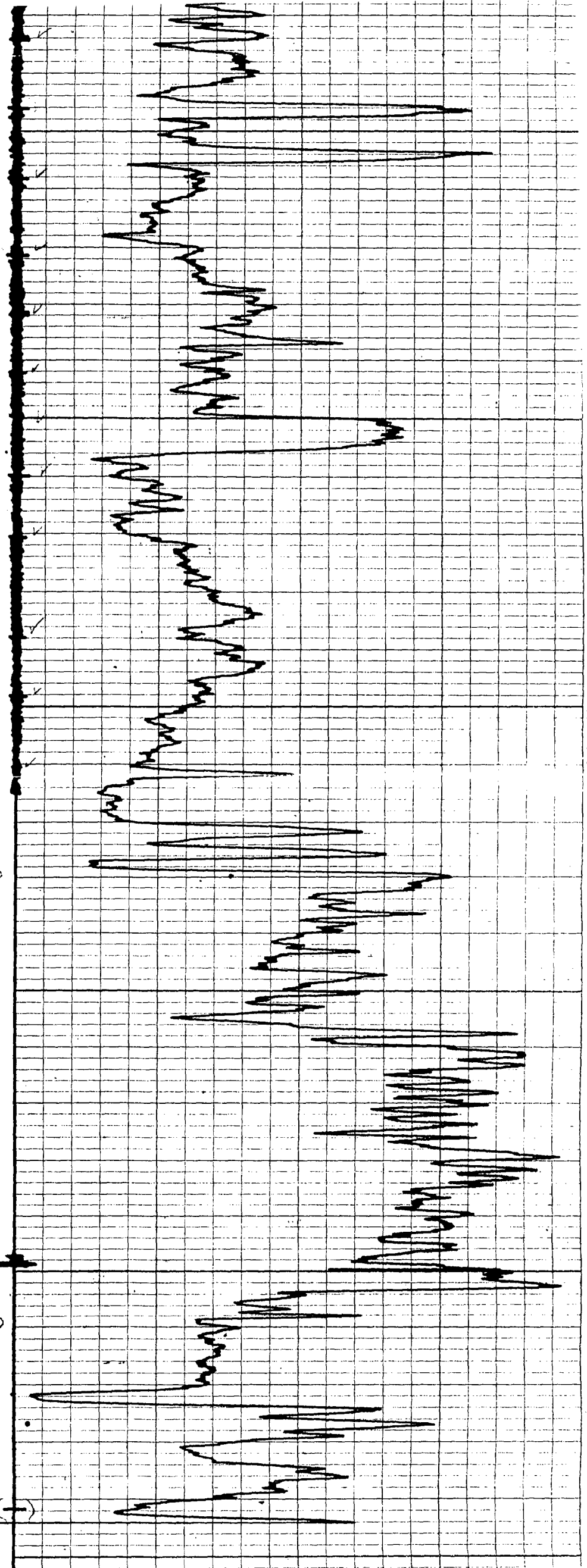
3100

3200

3300

3400

3500





P. O. BOX 6217
ODESSA, TEXAS

Nuclear Log

FILING NO.	PERMIAN RESOURCES, INC. COMPANY <u>WALLEN PRODUCTION COMPANY</u> WELL <u>BASS UNIT NO. 3</u> FIELD <u>LYNCH</u> COUNTY <u>LEA</u> STATE <u>N. MEXICO</u>					
	LOCATION: <u>330' FEL & 660' FSL</u>				OTHER LOGS:	
	BLK. _____ SEC. <u>21</u> TWP. <u>-20-S</u> RGE. <u>-34-E</u>				ELEVATIONS:	
	PERMANENT DATUM <u>GROUND LEVEL</u> ELEV. <u>3671</u> LOG MEASURED FROM <u>1' ABOVE GND. LEVEL</u> DRILLING MEASURED FROM <u>D.F.</u>				KB. _____ DF. <u>3672</u> GL. <u>3671</u>	
DATE	<u>1-16-79</u>		<u>1-16-79</u>			
RUN NO.	<u>1-N.W.</u>		<u>1-N.W.</u>			
TYPE LOG	<u>GAMMA RAY</u>		<u>NEUTRON</u>			
DEPTH-DRILLER	<u>3679</u>		<u>3679</u>			
DEPTH-LOGGER	<u>3670</u>		<u>3670</u>			
BOTTOM LOGGED INTERVAL	<u>3669</u>		<u>3669</u>			
TOP LOGGED INTERVAL	<u>SURF</u>		<u>SURF.</u>			
TYPE FLUID IN HOLE	<u>BRINE WATER & OIL</u>					
SALINITY PPM CL.	<u>---</u>					
DENSITY LB./GAL.	<u>---</u>					
LEVEL	<u>22'</u>					
MAX. REC. TEMP. DEG. F	<u>---</u>					
OPR. RIG TIME	<u>2 HRS.</u>					
RECORDED BY	<u>DENNING & HUDNALL</u>					
WITNESSED BY	<u>MR. W. KRUG</u>					
RUN NO.	BORE HOLE RECORD			CASING RECORD		
	BIT	FROM	TO	SIZE	WGT.	FROM TO
	<u>15 1/4</u>	<u>SURFACE</u>	<u>254</u>	<u>13 3/8</u>		<u>SURFACE</u> <u>254</u>
	<u>12 1/8</u>	<u>254</u>	<u>1066</u>	<u>7</u>		<u>SURFACE</u> <u>3385</u>
	<u>8</u>	<u>1066</u>	<u>3385</u>			
	<u>6 1/2</u>	<u>3385</u>	<u>3680</u>	<u>4 1/2</u>		<u>3085</u> <u>3680</u>
THIS HEADING CONFORMS TO API STANDARD PRACTICE RP-33						

13 3/8"

