

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CON. COMMISSION
Drawer DD
Artesia, NM 88210

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 ☐ Gas
☒ Well ☐ Well ☒ Other

WIW

2. Name of Operator

Merit Energy Company

SOS

3. Address and Telephone No.

12222 Merit Drive, Suite 1500, Dallas, TX 75251 (214) 701-8377

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

1650' FSL & 660' FWL
Sec. 27 L, T18S, R30E

5. Lease Designation and Serial No.

NM033775

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

North Benson Queen Unit

8. Well Name and No.

North Benson Queen 18

9. API Well No.

30-015-10128

10. Field and Pool, or Exploratory Area

Benson Queen Grayburg

11. County or Parish, State

Eddy, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Return well 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 detail, 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.)*

See attached completion procedure.

RECEIVED

OCT 20 1995

SUBJECT TO
LIKE APPROVAL
BY STATE OIL CON. DIV.
DIST. 2

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

Signed Shannon J. Shaw

Title Regulatory Manager

Date 9/6/95

(This space for Federal or State office use)

Approved by Orig. Signed by Shannon J. Shaw

Title PETROLEUM ENGINEER

Date 10/18/95

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions on Reverse Side

0.155

North Benson Queen #18
Add Perfs and Return to Injection

Well Data:

TD: 3380'
PBTD: 3374'
Casing: 4-1/2", 9.5#, J-55 set @ 3380'
Existing
Perfs: 2788, 95, 3016, 22, 3309, 32 (1 JSPF)

Procedure:

1. MIRU well service unit. NU BOP's
2. PU bit on workstring. Test csg to 500 psi and sqz if necessary. Drill out CIBP. RIH w/ bit and scraper and clean out to PBTD. Circulate well clean and POOH w/ bit and scraper.
3. MIRU wireline unit. Correlate to PGAC Acoustic-Gamma Ray dated 10/5/63. TIH w/ 3-1/8" HSC and perforate as per the attached perforation sheet from 2788 to 3360. Total of 81 holes.

POOH w/ guns and RDMO wireline company.
4. PU packer and on-off tool. TIH and set packer 50' above top perf. Test backside to 500 psi. MIRU service company and pump 3000 gals 15% HCL w/ 120 balls (spaced evenly through job). Release packer and knock off balls.
5. PU hole and set pkr @ 2750', test to 500 psi. Swab until well cleans up. J off packer and POOH w/ workstring.
6. PU 2-3/8" Salta (or plastic coated) tubing and RIH. Circulate packer fluid. J on packer and test annulus to 500 psi.
7. Conduct H-5 test, send results to Shervl RWTI

WELL NAME
FIELD
COUNTY, STATE

NORTH BENSON QUEEN UNIT # 18
NORTH BENSON QUEEN-GRAYBURG
EDDY COUNTY, NEW MEXICO

KB 3489'
DF 3488'
GL 3478'

INJECTION X PRODUCTION

COMPL. DATE 10/13/63

CASING SIZE 7"
CASING TYPE 14#

REMARKS:

533'

TUBING DETAIL
SIZE _____
TYPE _____
#JTS/FT _____

HISTORY:

9/89 Squeeze csg. leak @ 550'
8/85 Squeeze csg. leak
4/85 Repair csg. leak
1/74 Convert to Injection
10/63 ACID 1.7 mg 15% LSTNE
FRAC 30 mg, 45 m#

TUBING ANCHOR TYPE
SET AT

ROD DETAIL
SIZE GRADE # RODS

AP: 396 BO, 0 BW, 456 GOR
24 hours - flow

10/91 WELL T/A

CIBP @ 2645'

CASING SIZE 4 1/2"
CASING TYPE 9.5, J-55

PUMP TYPE/SIZE

PERFORATIONS:

1 JSPF 2788'
2795'
3016'
3022'
3309'
3332'

TD 3380'
HOLE SIZE 6 1/4"
PBTD 3374'

DATE PREPARED: 9/1/75 KR

PERF SHEET
NORTH BENSON QUEEN #18 WIW
QUEEN ADD PERFS

DEPTH

2788	2813	3017	3256	3323	3355
2789	2814	3018	3257	3324	3356
2790	2878	3019	3258	3325	3357
2792	2879	3020	3259	3329	3358
2793	2880	3021	3260	3330	3359
2794	2881	3022	3305	3331	3360
2795	2890	3023	3306	3332	
2796	2891	3059	3307	3333	1 SPF - TOTAL = <u>81 SHOTS</u>
2797	2892	3060	3308	3334	
2798	2902	3061	3309	3346	
2806	2903	3062	3310	3347	
2807	2904	3063	3311	3348	
2808	2905	3253	3312	3349	
2811	2906	3254	3313	3350	
2812	3016	3255	3322	3354	

REFERENCE LOG: ACOUSTIC - GAMMA RAY LOG (PGAL) DATED 10/5/63

PGAC Acoustic-Gamma Ray Log

E NO.

COMPANY TEXACO INCORPORATED NBQU #18

WELL L.R.MANNING FEDERAL "B" (NCT-1) NO. 3

FIELD NORTH BENSON (QUEEN)

COUNTY EDDY STATE NEW MEXICO

LOCATION: 1650' FSL & 660' FWL,

Other Services

GROUND LEVEL Elev. 3473

Measured from K.B. 11' Ft. Above Permanent Datum

ing Measured from K.B. Elevations: KB 3484 DF 3483 GL 3473

10/5/63

ONE

3330

3381

3375

534

3275

SALT BASE

10.2 34

96°F

1'

4'

TELB20-T5-\$M23-AT46

EL-25

CAREY

MR.DAY

Visc.

Temp. (°F)

To Rec. Spacing

To Rec. Spcg.

ing Instrument

p. No.

red By

essed By

BORE HOLE RECORD

CASING RECORD

Size From To Csg. Size Csg. Wt. From To

3 SURF. 534 7 5/8 - SURF. 534

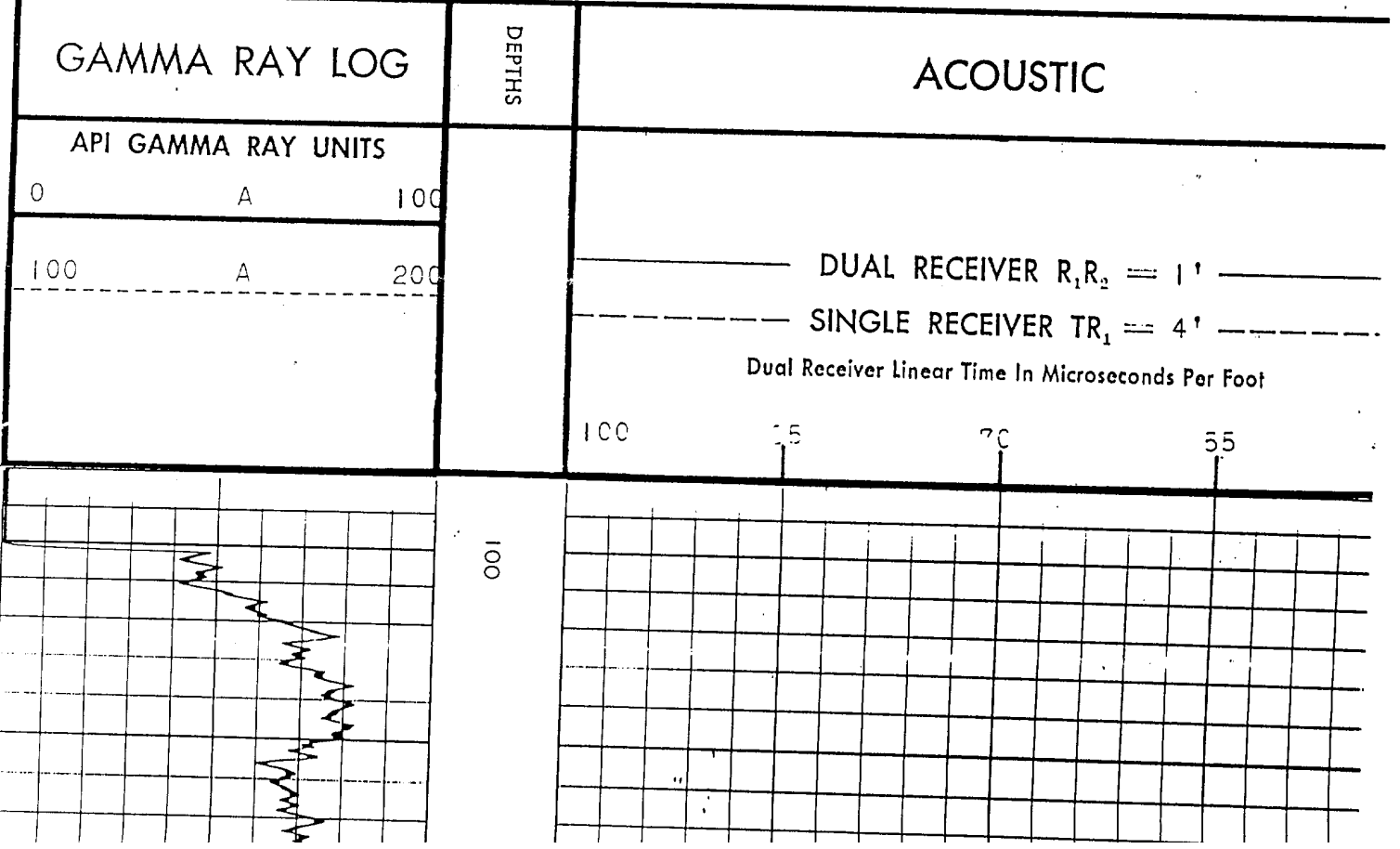
4. 534 3330

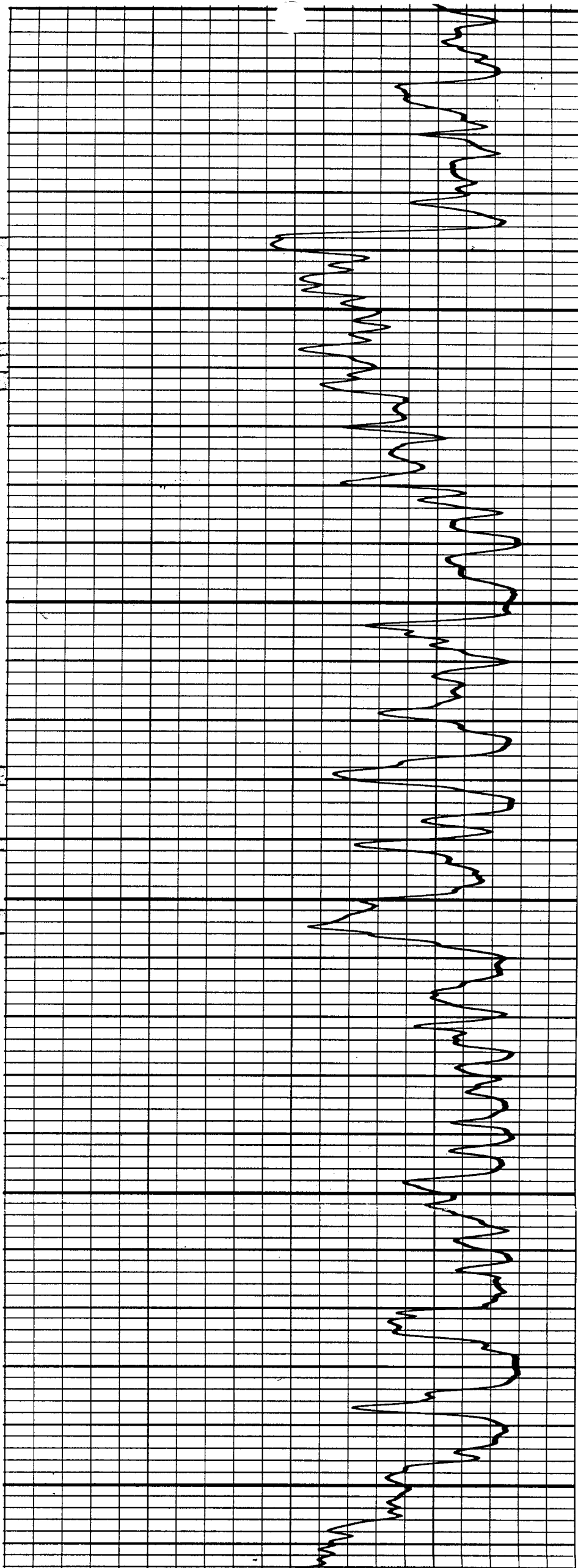
GAMMA RAY LOGGING DATA										
Run No.	ONE		Run No.	Depths		Speed Ft./Min.	T.C. Sec.	Sens. Settings	Zero Div. L or R	API G.R. U Per Log D
Tool Model No.	TELB			From	To					
Diam.	3 5/8		ONE	3375	100	50	1	900	0	10
Detect. Model No.	TELB-20									
Type	SCINT.									
Length	5"									

REMARKS: LOGGING TIME 2 1/2 HOURS.

Job No.

* INFORMATION NOT AVAILABLE

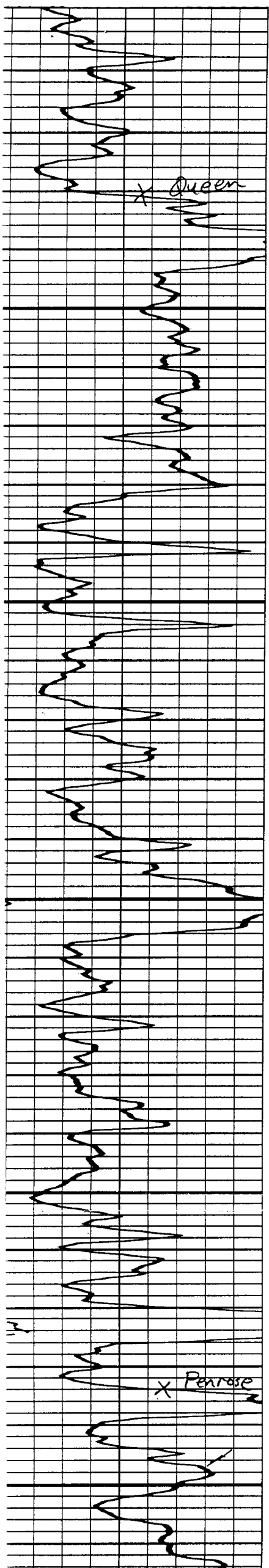


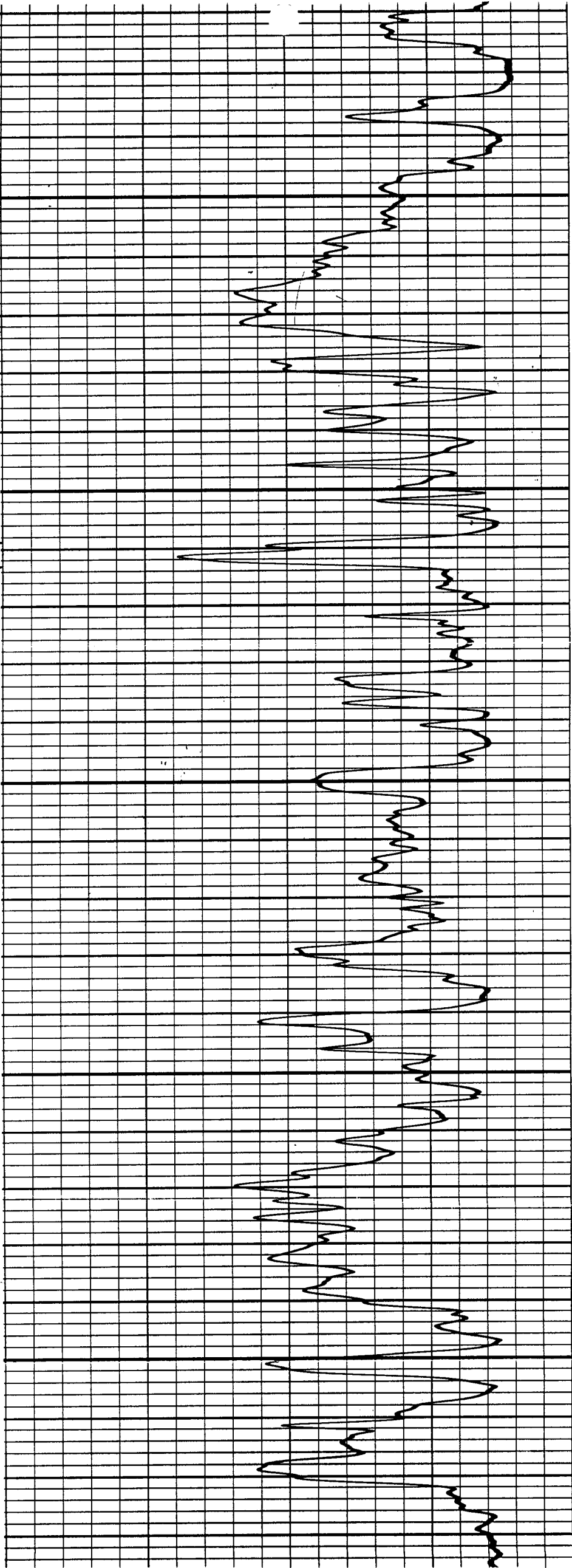


2800

2900

3000





3000

000

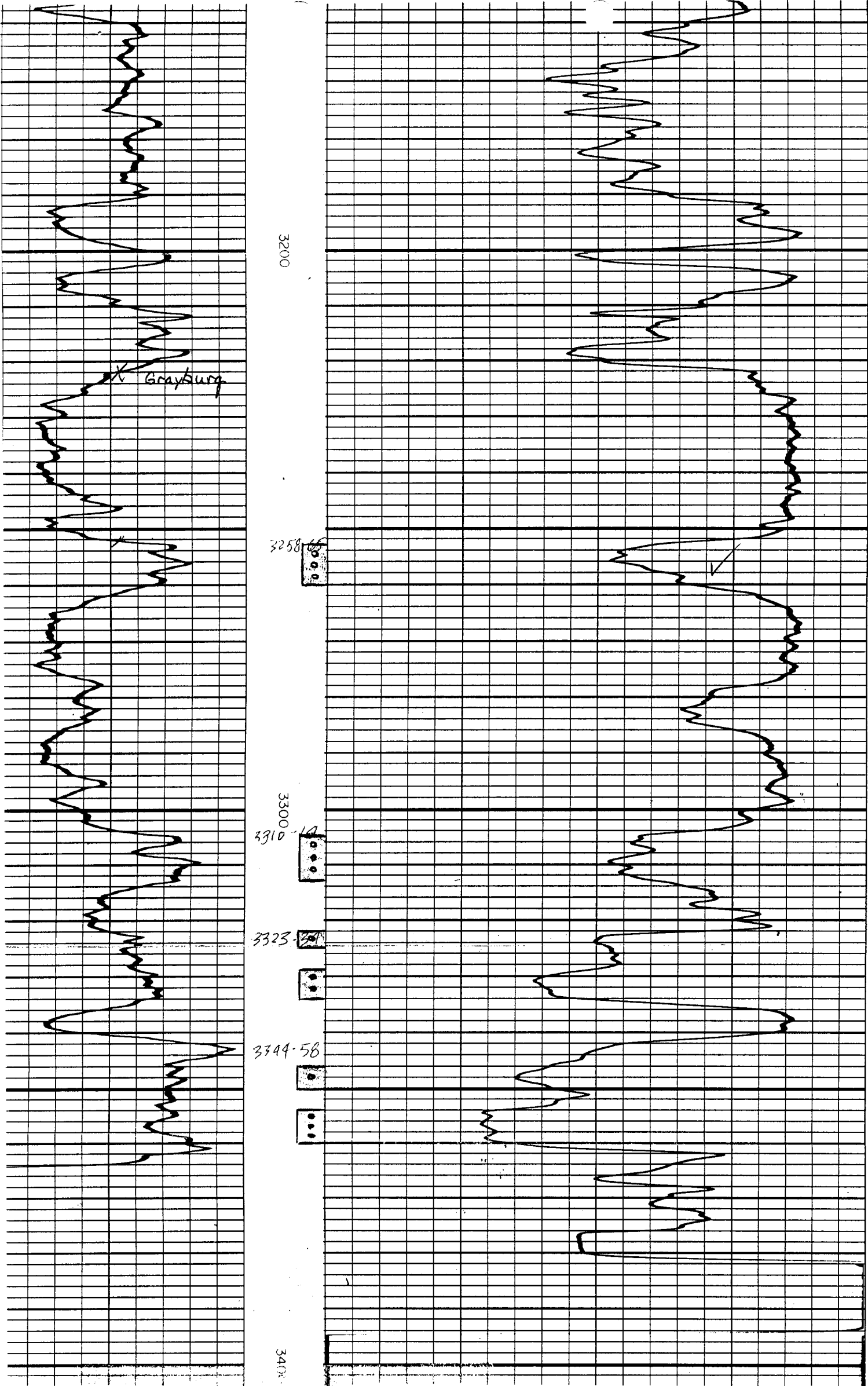
0

3100

3200

X Penrose

X Grayburg



REPEAT SECTION