

12-1-87

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15-101-21-441-0000  
County LANE  
C. SW. NW Sec. 7 Twp. 17S Rge. 28 East  
X West

Operator: License # 4661  
Name GALLOWAY, PETROLEUM EXPLORATION, INC. 4620  
Address 360 BROADWAY PLAZA BLDG.  
City/State/Zip WICHITA, KS. 67202

3300 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser NONE

Lease Name JAMES Well # 1-7

Operator Contact Person CASEY GALLOWAY  
Phone (316) 267-7355

Field Name WILDCAT

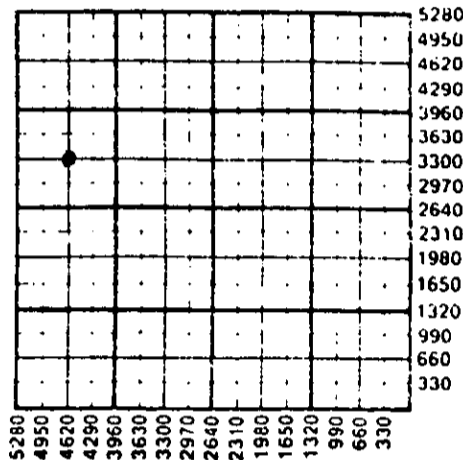
Producing Formation NONE

Contractor: License # 5783  
Name GALLOWAY DRILLING CO., INC.

Elevation: Ground 2772 KB 2777

Wellsite Geologist CASEY F. GALLOWAY  
Phone (316) 267-7355

Section Plat



Designate Type of Completion  
X New Well Re-Entry Workover  
Oil SWD Temp Abd  
Gas Inj Delayed Comp.  
X Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # T. 87-513

X Groundwater 3200 Ft North from Southeast Corner  
4500 Ft West from Southeast Corner of  
Sec 15 Twp 17S Rge 28 East XX West

Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain)  
(purchased from city, R.W.D. #)

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable  
11/19/87 12/1/87 12/1/87  
Spud Date Date Reached TD Completion Date  
4600' PBTD  
Total Depth

Amount of Surface Pipe Set and Cemented at 344 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated  
from feet depth to w/ SX cmt  
Cement Company Name  
Invoice #

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Casey F. Galloway  
Title PRESIDENT Date 1/11/88

Subscribed and sworn to before me this 11th day of JANUARY 1988  
Notary Public Susan Kendall  
Date Commission Expires 10/6/91

K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached  
Wireline Log Received  
Drillers Timelog Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other  
(Specify)



Sec. 17 Twp. 17S Rge. 28W

Operator Name ..... GALLOWAY PETROLEUM EXPLORATION, INC. Well #..... 1-7

Sec... 7..... Twp... 17S..... Rge... 28..... County... LANE

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [X] Yes [ ] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No

Formation Description
[ ] Log [ ] Sample

DST #1 4040-70 30-30-30-30, REC. 5' MUD, SIP 666/468
FP 20-20/26-26, HP 2008-1993

Table with 3 columns: Name, Top, Bottom. Rows include ANHYDRITE, LANSING, MARMATON, FT. SCOTT, MISSISSIPPI.

DST #2 4128-95 30-30-30-30, REC. 15' MUD, SIP 833/770
FP 26-31/40-43, HP 2045-2035

DST #3 4200-28 30-30-45-60, REC. 5' MUD, SIP 487-497
FP 37-37/43-43, HP 2105-2100

DST #4 & #4 (MISRUNS)

DST #6 4200-56 30-60-45-60, REC. 810' MUD, SIP 1167/843
FP 114-322/354-385, HP 2004-1993

DST #7 4255-70 30-30-30-30, REC. 1' MUD, SIP 31/31,
FP 15-15, HP 2056-2045

DST #8 4370-4444 30-60-60-60, REC. 320' MUD,
SIP 885/833, FP 31-62/83-156, HP 2128-2118

DST #9 4464-4500 30-30-30-30, REC. 60' MUD, SIP 854/822
FP 41-41/52-52, HP 2100-2100

DST #10 4508-60 30-30-60-60, REC. 80' MUD
SIP 843/833, FP 17-20/31-52

RELEASED

FEB 15 1989

FROM CONFIDENTIAL

CASING RECORD [ ] New [ ] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (in O.D.), Weight Lbs/Ft., Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Table with 4 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record, Depth.

TUBING RECORD Size Set At Packer at Liner Run [ ] Yes [ ] No

Date of First Production Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain).....

Estimated Production Per 24 Hours Oil Gas Water Gas-Oil Ratio Gravity Bbls MCF Bbls CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [ ] Perforation [ ] Other (Specify) ..... [ ] Dually Completed [ ] Commingled

Plugged 12-22-87

12-22-87 District 3370 Ticket No. 362760  
 Company ... Rig Co Tools  
 Lease ... Well No. 2  
 County ... State Kan  
 Location 6250th Kansas Field

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type 7 hr/10 min  
 Excess \_\_\_\_\_

Amt 150 Sks Yield 2.88 ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used 2034-Kim

Bulk Equip. 2013 Mx

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 4 1/2 Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

4 1/2 x 8 3/8

Casing Depths: Top \_\_\_\_\_ Bottom 1287

Drill Pipe Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_

Open Hole Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:

Casing Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp Fluid Type \_\_\_\_\_ Amt \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER Dick Kone

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min.	
						Run 2" tube inside 4 1/2" log.
						To 1147 ft. CWC down to surface.
						<u>150</u> Sks. Plugged.
						Surge on log. Plug 10' out.
						Log down 11' log.
						Plugging pipe to 5' CWC 11' out.
						4 1/2" log. 3' CWC 11' out.
						150' starting plug.
						17:30 P.M. 12-22-87

RELEASED

JAN 12 1988

KANSAS GEOLOGICAL SURVEY  
 WICHTA BRANCH

FROM CONFIDENTIAL

STAMP

JAN 14 1988

RELEASED

FEB 15 1989

FROM CONFIDENTIAL



# WELEX

## RADIATION-GUARD LOG

COMPANY RYAN CONSOLIDATED  
 PETROLEUM, INC.  
 WELL BOLLER "B" # 2  
 FIELD HARABE  
 County ROOKS State KANSAS

COMPANY RYAN CONSOLIDATED PETROLEUM, INC.  
 WELL BOILER "B" # 2  
 FIELD HARABE  
 COUNTY ROOKS STATE KANSAS

Location SE-NW QT  
 Sec. 31 Twp. 8S Rge. 16W

Other Services:  
 Elev.: K.B. 1946'  
 D.F. 1945'  
 G.L. 1940'

Permanent Datum KELLY BUSHING Elev. 1946'  
 Log Measured From KELLY BUSHING Ft. Above Perm. Datum  
 Drilling Measured From KELLY BUSHING

Date	2-3-63	2-3-63	2-3-63	
Run No.	ONE	GAMMA	NEUTRON	GUARD
Depth-Driller	3411'	3411'	3411'	
Depth-Welex	3408'	3408'	3409'	
Btm. Log Inter.	3398'	3408'	3404'	
Top Log Inter.	2170'	2180'	244'	
Casing-Driller	@	@	@	@
Casing-Welex			244'	3090
Bit Size			6 1/2"	1946
Type Fluid in Hole			WATER BASE MUD	-1144
Dens.			10.2	43
pH			6.4	16.4ml
Source of Sample			FLO LINE	
R <sub>m</sub> @ Meas. Temp.	@ °F	@ °F	.25 @ 60 °F	@ °F
R <sub>mt</sub> @ Meas. Temp.	@ °F	@ °F	.12 @ 60 °F	@ °F
R <sub>mc</sub> @ Meas. Temp.	@ °F	@ °F	2.7 @ 60 °F	@ °F
Source R <sub>mt</sub> R <sub>mc</sub>				
R <sub>in</sub> @ BHT	@ °F	@ °F	.14 @ 105 °F	@ °F
Time Since Circ.			0	
Max. Rec. Temp.	°F @	°F @	105 °F @	°F @
Equip.   Location	6869   HAYS			
Recorded By	L. PATTERSON			
Witnessed By	MR. J. WOODARD			

Fold Here

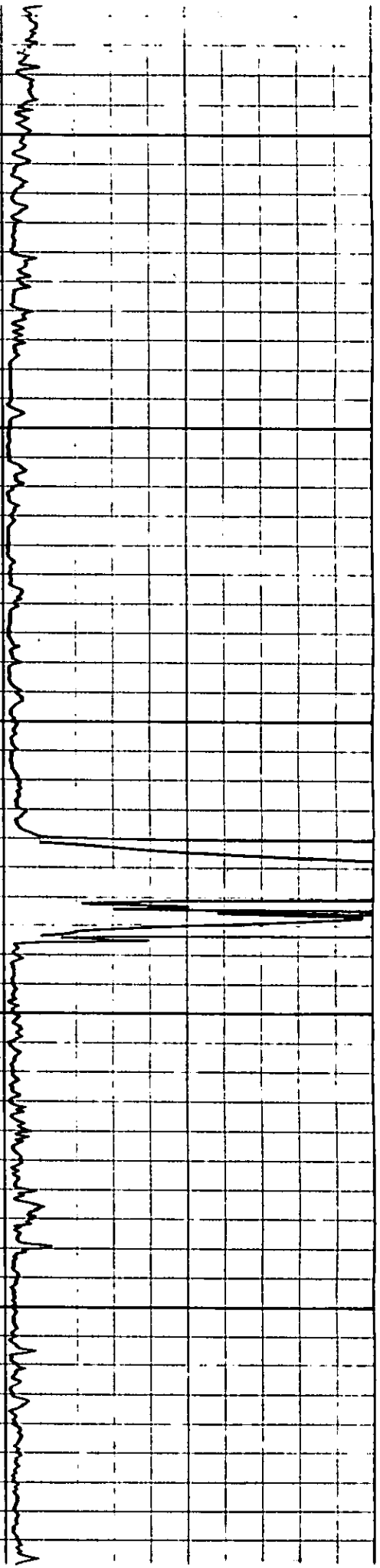
1000

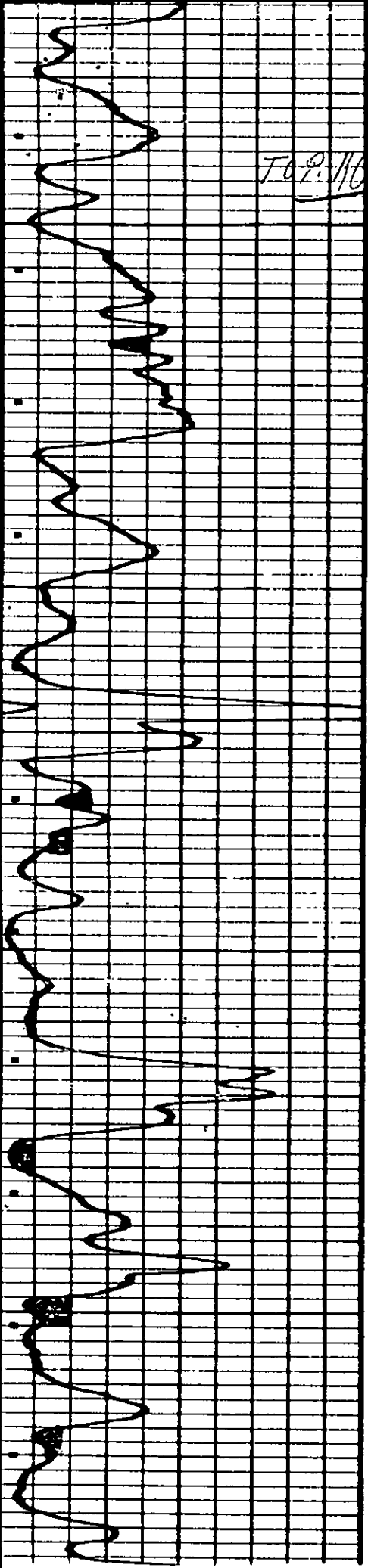
1100

1200

1300

1400





TOP. 116-3092

3100

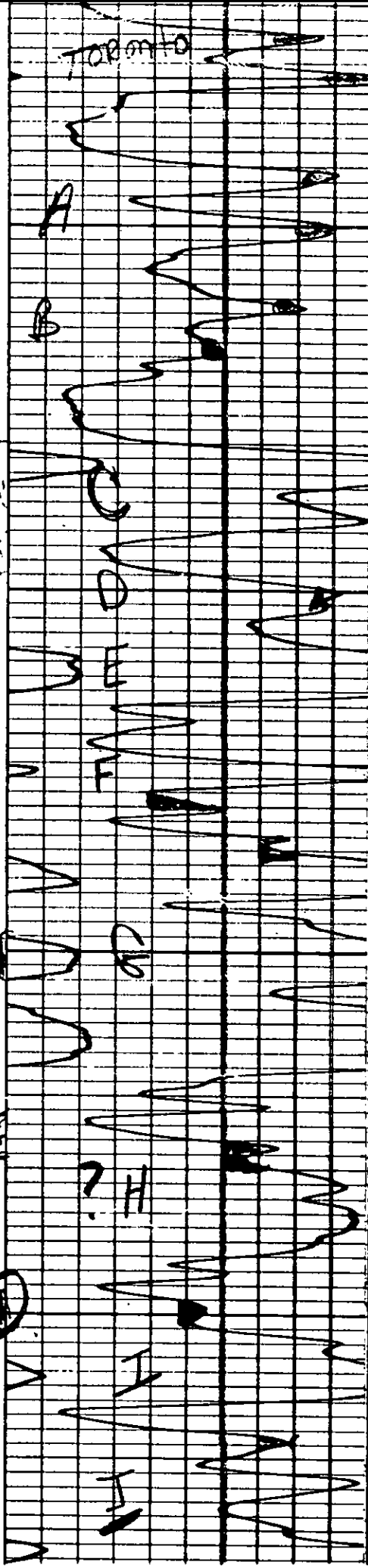
B

3150

T.B.

3200

3250



Toronto

A

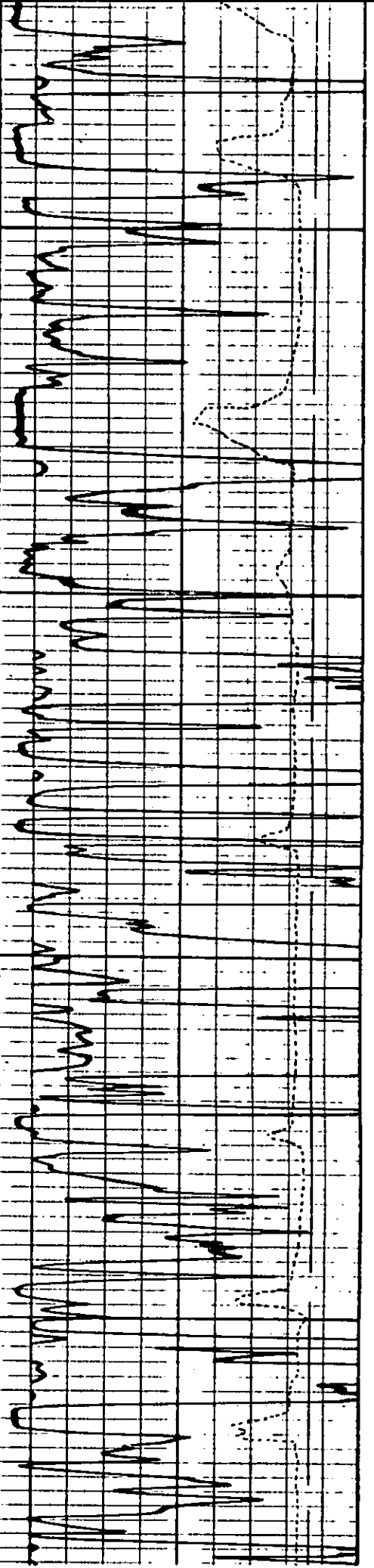
B

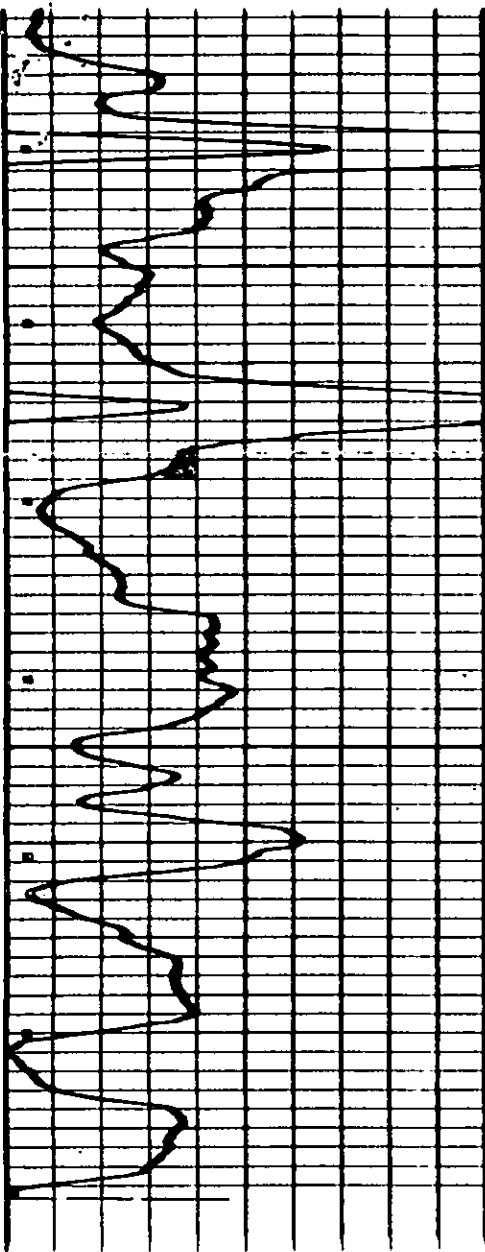
CD

HE

HA

HA

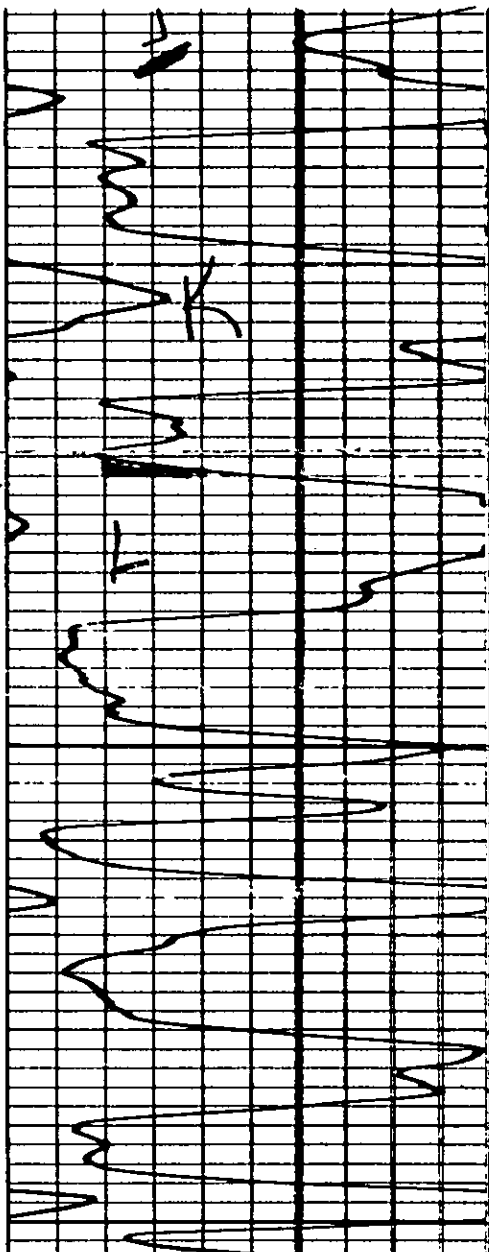




3300

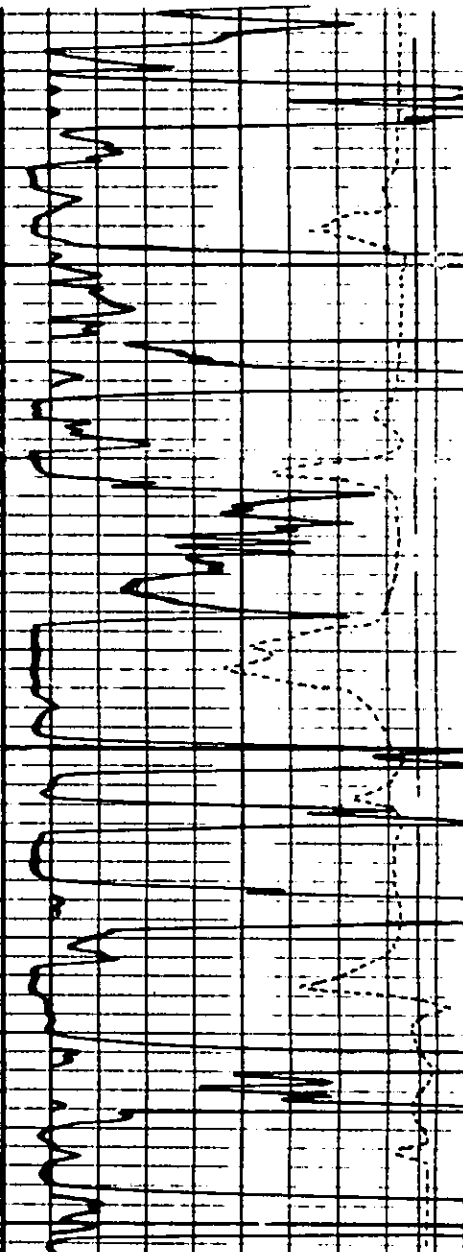
3350

3400



35 30 20 15 10 8 6 4 2

A.P.I. POROSITY IN PERCENT



ZERO BASE

5" 14" 13" 12" 11" 10" 9" 8" 7" 6"

6-1/4" BIT SIZE

**CALIPER**

Average Diameter Inches

20 120

120 320

600 1600 0

1600 2600 0

50

50