

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
P.O. Drawer 20, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107
Revised 4-1-91

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Operator	Address			
Robert L. Bayless	PO Box 168, Farmington NM 87499			
Lease	Well No.	Unit	Lat. - Sec - Twp - Rge	County
Simms Federal	1	J	13 30N 4W	Rio Arriba

All applicants for multiple completion must complete items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Pictured Cliffs		Gallup
b. Top and Bottom of Pay Section (Perforations)	3709-3715'		7560-7634'
c. Type of production (Oil or Gas)	gas		gas
d. Method of Production (Flowing or Artificial Lift)	flowing		flowing
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	508 MCF/d AOF		1251 MCF/d AOF

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

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

Signature Tom McCarthy

Printed Name & Title Tom McCarthy, Pet. Engineer

Date 03/21/96 Telephone 505-326-2659

OIL CONSERVATION DIVISION

Approved by: [Signature]
SUPERVISOR DISTRICT #3

Title: _____

Date: APR - 3 1996

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

Kevin H. McCord

PETROLEUM ENGINEER

SHEET NO. OF

FILE

APPN

DATE

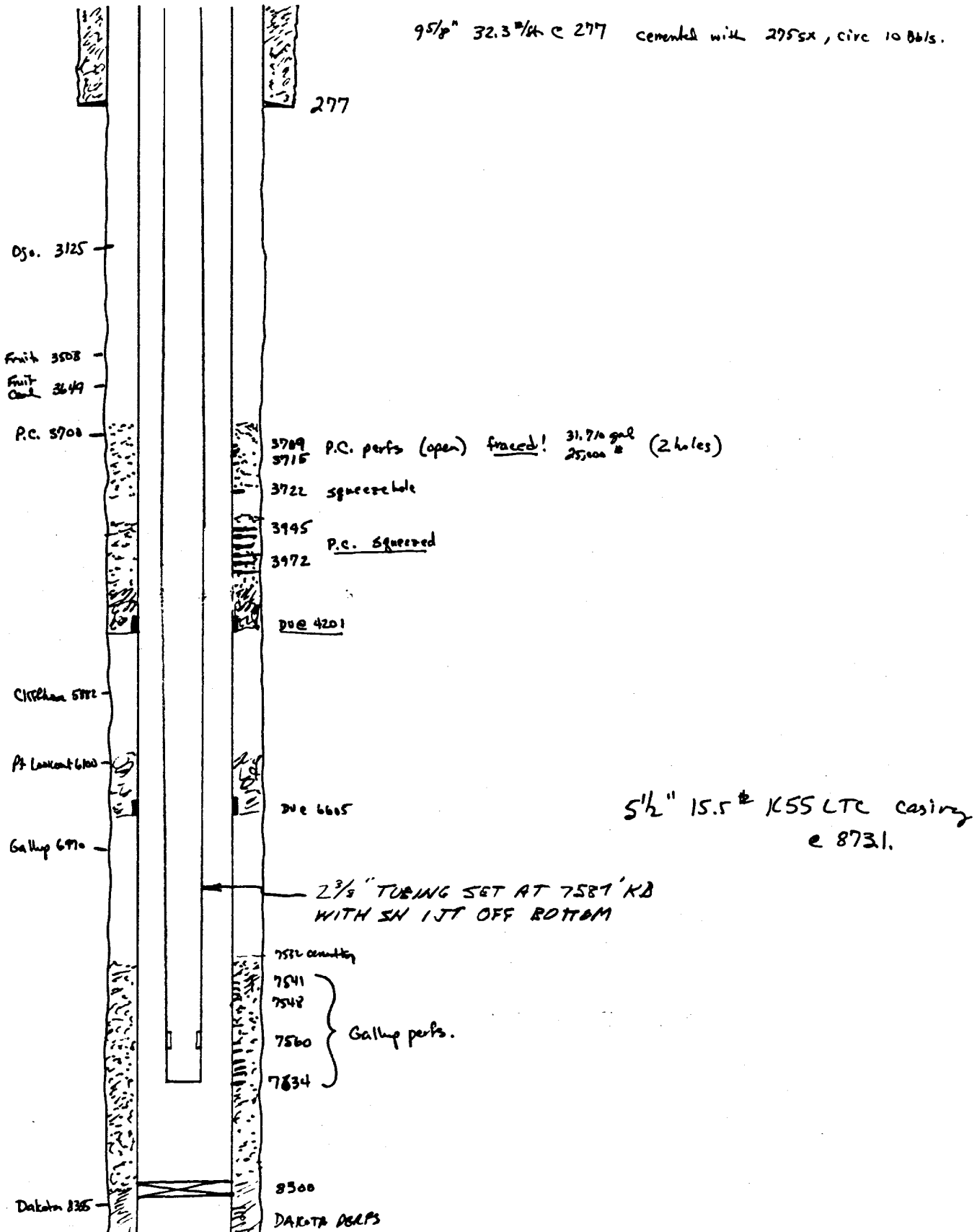
BY

SUBJECT

WELL BORE DIAGRAM

Simms #1

9 5/8" 32.3 #/ft C 277 cemented with 275SX, circ 10 bbls.



Simms Com #1

Downhole Commingle

NMOCC Docket #2-94; Case #10831

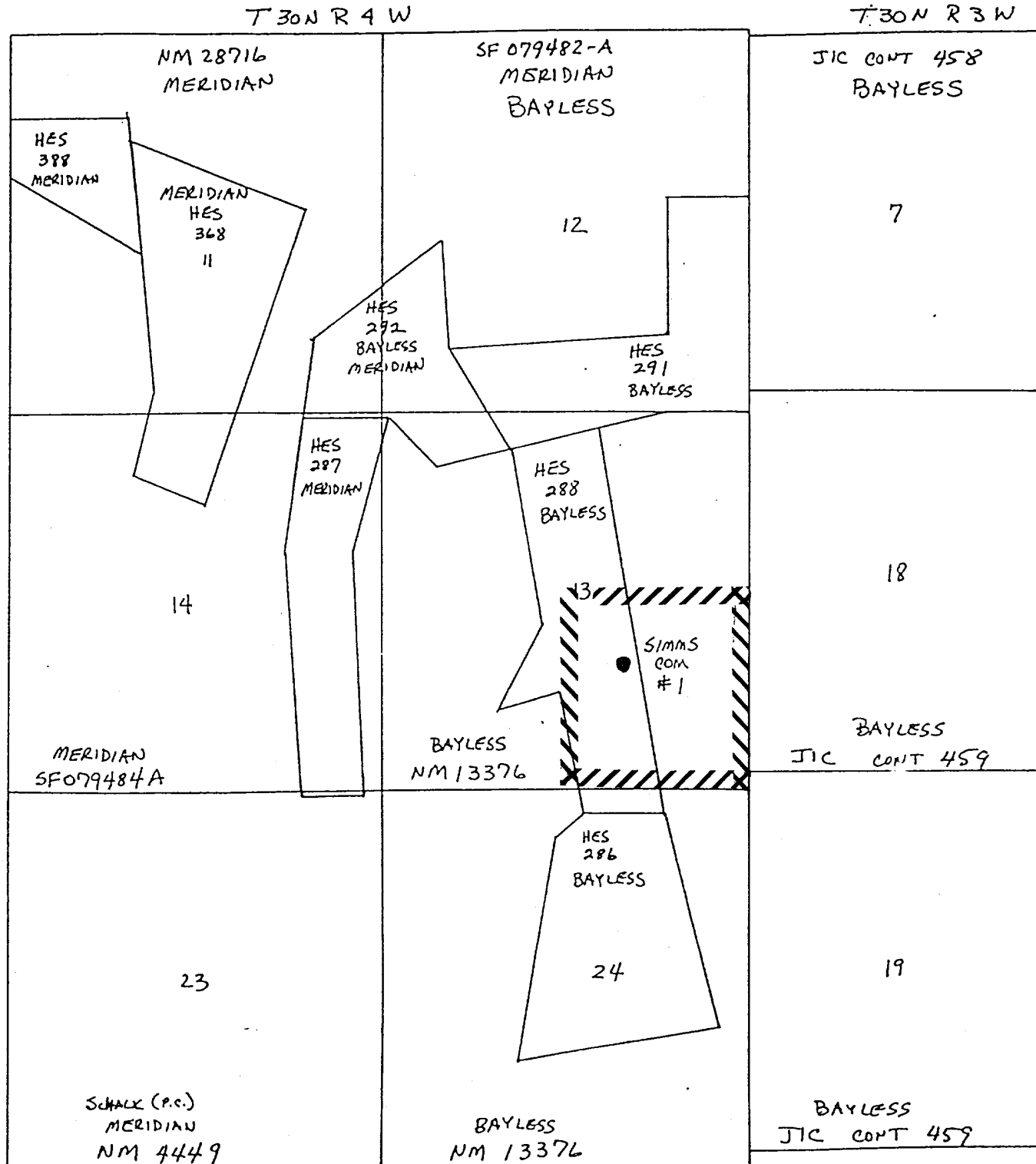
De Novo Hearing

EXHIBIT NO. 2

ROBERT L. BAYLESS

SIMMS AREA

LEASES AND OWNERSHIP



GEARHART

INDUCTION
ELECTRICAL LOG

FILING NO.

COMPANY SOUTHLAND ROYALTY
WELL STANNS FEDERAL NO. 1
FIELD UNDESIGNATED P.C./BASIN DAKOTA
COUNTY RIO ARriba STATE NEW MEXICO

LOCATION:

1730 FSL & 1820 FSL
SEC 13 TWP 30N RGE 4W

Other Services

COAL/52
BHC/64

Permanent Datum CRUARD LEVEL Elev. 7023

Log Measured from ATB, 12.0 Ft. Above Permanent Datum

Drilling Measured from ATB

Elevations:

KB 7035
DF 7034
GL 7023

Date	<u>JULY 29, 1981</u>	<u>August 8, 31</u>	
Run No.	<u>ONE</u>	<u>Two</u>	
Depth-Driller	<u>7900</u>	<u>8719</u>	
Depth-Logger	<u>7901</u>	<u>8713</u>	
Bottom Logged Interval	<u>7900</u>	<u>8712</u>	
Top Logged Interval	<u>270</u>	<u>7800</u>	
Casing-Driller	<u>998 @ 240</u>	<u>438 @ 240</u>	
Casing-Logger	<u>277</u>	<u>214</u>	
Bit Size	<u>8 3/4</u>	<u>7 1/8</u>	
Type Fluid in Hole	<u>GEL</u>	<u>GEL</u>	
Density and Viscosity	<u>9.2 @ 15</u>	<u>8.8 @ 8.8</u>	
pH and Fluid Loss	<u>8.0 @ 12.4 cc</u>	<u>8 @ 12 cc</u>	
Source of Sample	<u>P21</u>	<u>Mud DIT</u>	
Rm @ Meas. Temp.	<u>3.3 @ 54 °F</u>	<u>2.2 @ 80 °F</u>	
Rmt @ Meas. Temp.	<u>3.0 @ 48 °F</u>	<u>1.3 @ 77 °F</u>	
Rmc @ Meas. Temp.	<u>2.2 @ 76 °F</u>	<u>2.4 @ 73 °F</u>	
Source at Rmt and Rmc	<u>NA</u>	<u>NA</u>	
Rm @ BHT	<u>1.4 @ 201 °F</u>	<u>NA</u>	
End Circulation	<u>3:00</u>	<u>3:00</u>	

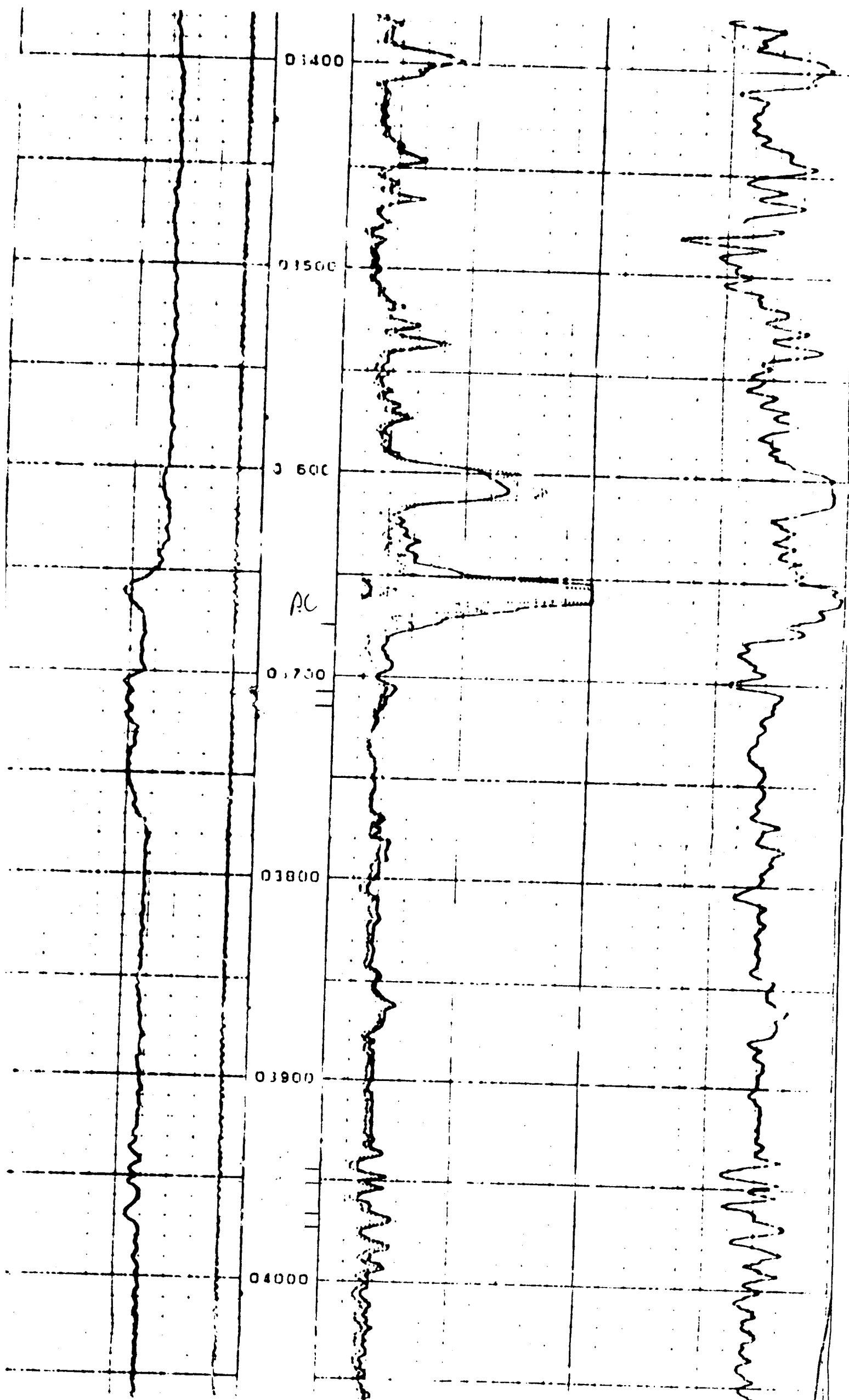
Mud Type or Additional Samples				Scale Changes			
Sample No.		Type Log	Depth	Scale Up Hole	Scale Down Hole		
Hole							
EQUIPMENT DATA							
Run No.	Tool No.	Tool Type	Tool Position	S. O.	Gamma Ray Tool No.		
<u>ONE</u>	<u>5-139</u>	<u>6FF40</u>	<u>FREE</u>	<u>1/2"</u>			
<u>Two</u>	<u>5-139</u>	<u>6FF40</u>	<u>FREE</u>	<u>1/2"</u>			
CALIBRATION DATA							
Run No.	S. N. Zero	S. N. Int. Cal.	Loop Cal.	Tool Zero	Int. Cal.	GAMMA RAY	
						API SCALE	BKG. CPS. STD. CPS.
<u>ONE</u>	<u>-2.29</u>	<u>194</u>	<u>396.2</u>	<u>9.6</u>	<u>648</u>		
<u>TWO</u>	<u>-1.19</u>	<u>193</u>	<u>396.2</u>	<u>9.6</u>	<u>648</u>		

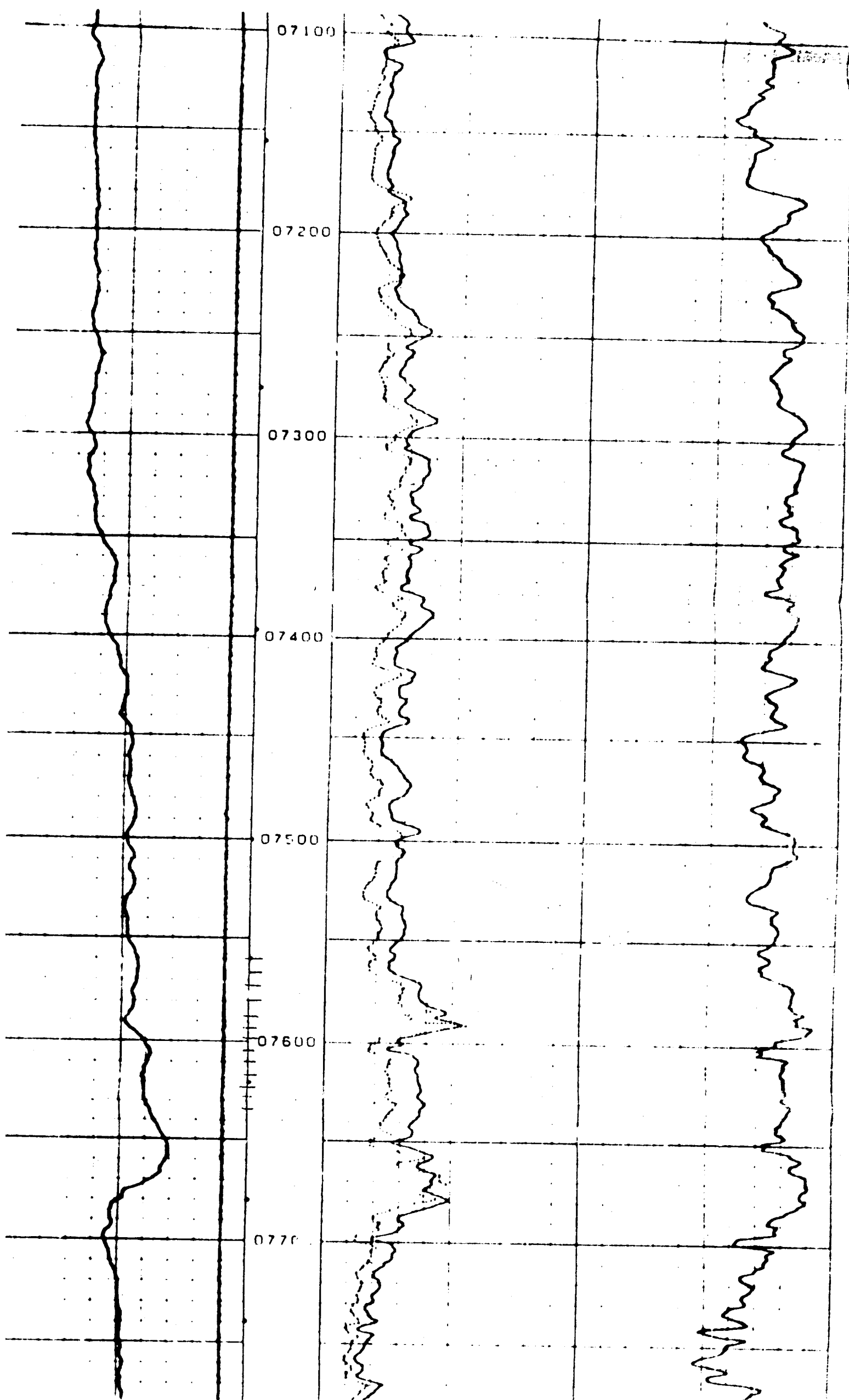
FIELD PRINT

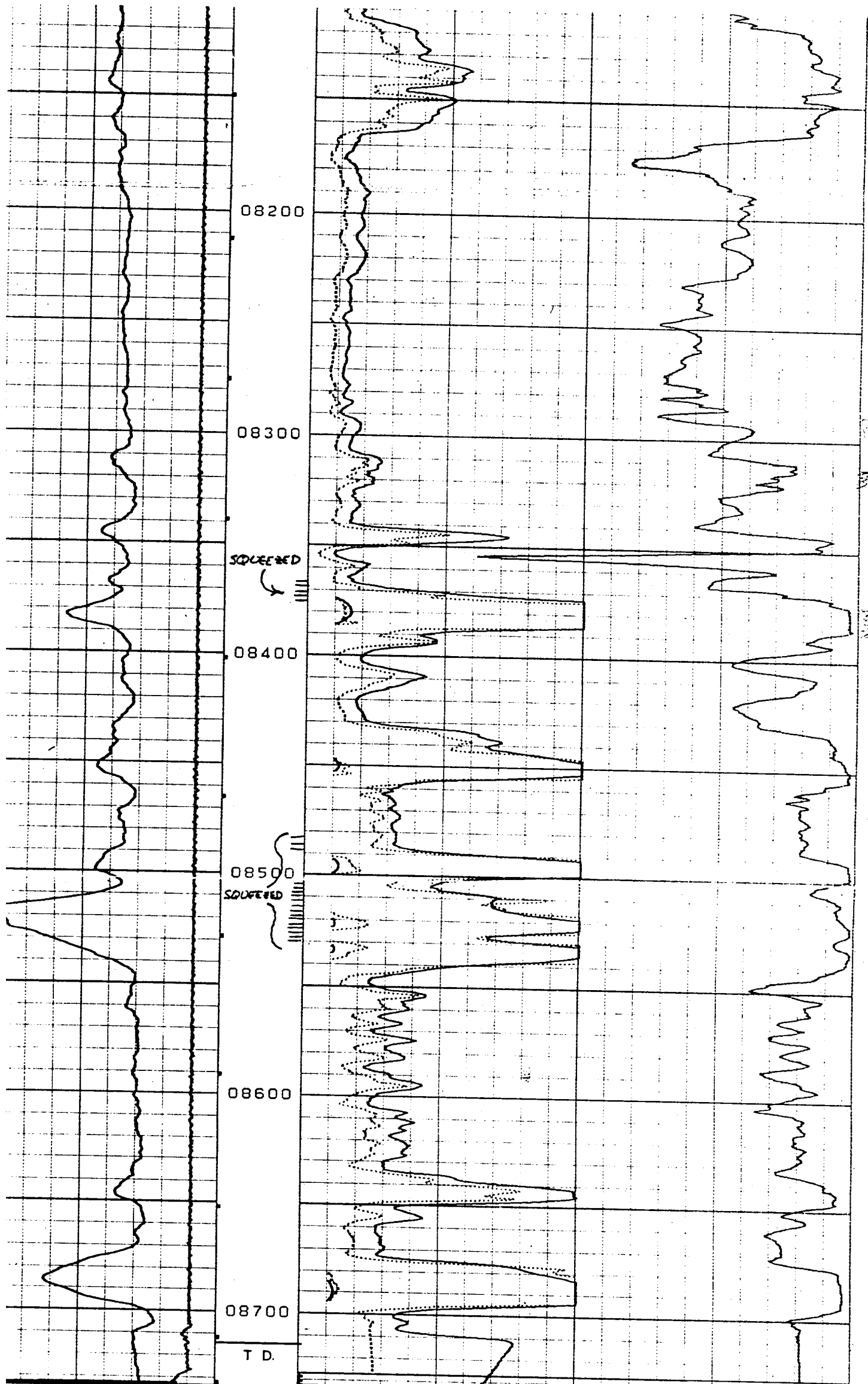
E: All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

GEARHART INDUSTRIES, INC.

INSTANTANEOUS POTENTIAL	DEPTHS	RESISTIVITY	CONDUCTIVITY
millivolts		ohms - m2/m	$\frac{1000}{\text{millimhos/m} = \text{ohms m2/m}}$
$\frac{10}{1} +$		16" NORMAL	40" INDUCTION
		0 100	200 0
		0 1000	
		40" INDUCTION	600 400
		0 100	
		0 1000	







Page 4B

-1101+ 100.0		400 C (ILD) MMHOS 0	
		0 R (ILD) Ω-M 100	
		0 R (SN) Ω-M 100	