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OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000

Form 1023
Rev. 2007

1. API No.	019-25904
2. OTC Prod. Unit No.	
3. Date of Application	3/26/2014

4. Application for (check one)

A. Commingle Completion in the Wellbore (165:10-3-39)

B. Commingle Completion at the Surface (165:10-3-39)

C. Multiple (Dual) Completion (165:10-3-36)

D. Downhole Multiple Choke Assembly (165:10-3-37)

5. Operator Name	Mack Energy Company	OTC/OCC No.	11739	Email	mlamascus@mackenergy.com		
Address	P.O. Box 400	Phone No.			580-252-5580		
City	Duncan	State	OK	Zip	73534		
6. Lease Name/Well No.	Lucas Trust 1-7	FAX No.			580-252-7361		
Location within section:	NW 1/4 SE 1/4 NW 1/4 SW 1/4	Sec.	7	Twp	2S Rge 2W	County	Carter

8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply	Fusulinid	Eason	Tussy
B. Top and bottom of pay section (perforations)	2894'-3186'	3328'-3408'	3440'-3612'
C. Type of production (oil or gas)	Oil	Oil	Oil
D. Method of production (flowing or art. lift)	Artificial Lift	Artificial Lift	Artificial Lift
E. Latest test data by zone (oil, gas, and water)	1 BOPD/0 Mcfd/ 65 BWPD	1 BOPD/0 Mcfd/30 BWPD	6 BOPD/0 Mcfd/55 BWPD
F. Wellhead or bottom hole pressure	Wellhead = 30 psi	Wellhead = 30 psi	Wellhead = 30 psi
G. Spacing order number and size of unit	376858/40 70173 & 68037/40 acres	376858/40 70173 & 68037/40 acres	70173 & 68037/40 acres
H. Increased density order number	N/A	N/A	N/A
I. Location exception order number and penalty	N/A	N/A	N/A

If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed? Yes No

9. List all operators with mailing addresses within 1/2 mile, producing from the above listed zones.

N/A

Oklahoma Corporation Commission
Oil & Gas Division
Approved

10. The operators listed above have been notified and furnished a copy of this application. N/A Yes No

If no, an affidavit of mailing must be filed not later than five (5) days after submission of this application.

11. Classification of well (see OAC 165:10-13-2) Oil Gas

12. ATTACH THE FOLLOWING:

A. Correlation log section (porosity, resistivity, or gamma ray) with top and bottom of perforated intervals marked.

B. Diagrammatic sketch of the proposed completion of the well.

C. Plat showing the location of all wells within 1/2 mile producing from the zones listed above.

D. If 4B, 4C or 4D above, a Form 1024, Packer Setting Report, and a Form 1025 Packer Leakage Test.

E. If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed? Yes No

RECEIVED
MAR 31 2014
OKLAHOMA CORPORATION COMMISSION

I hereby certify that I am authorized to submit this application which was prepared by me or under my supervision. The facts and proposals made herein are true correct and complete to the best of my knowledge and belief.

[Signature]
Signature

Production Engineer
Title

580-252-5580
Phone (AC/NO)

OCC USE ONLY

Staff Signature _____ Phone No. _____ Date 4, 15, 14 Approved Rejected

Le

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A. Name of common source of supply	Fusulimid	Eason	Tussy
B. Top and bottom of pay section (perforations)	2894'-3186'	3328'-3408'	3440'-3612'
C. Type of production (oil or gas)	Oil	Oil	Oil
D. Method of production (flowing or art. lift)	Artificial Lift	Artificial Lift	Artificial Lift
E. Latest test data by zone (oil, gas, and water)	1 BOPD/0 Mcfd/ 65 BWPD	1 BOPD/0 Mcfd/30 BWPD	6 BOPD/0 Mcfd/55 BWPD
F. Wellhead or bottom hole pressure	Wellhead = 30 psi	Wellhead = 30 psi	Wellhead = 30 psi
G. Spacing order number and size of unit	376858/40 acres	376858/40 acres	70173/40 acres
H. Increased density order number	N/A	N/A	N/A
I. Location exception order number and penalty	N/A	N/A	N/A

If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed? Yes No

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N/A	
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I hereby certify that I am authorized to submit this application which was prepared by me or under my supervision. The facts and proposals made herein are true correct and complete to the best of my knowledge and belief.

[Signature] Signature Production Engineer Title 580-252-5580 Phone (AC/NO)

OCC USE ONLY

Staff Signature	Phone No.	Date	<input type="checkbox"/> Approved <input type="checkbox"/> Rejected
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8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply	Carpenter ✓		Morris ✓
B. Top and bottom of pay section (perforations)	3662'-3688' ✓		3942'-4496' ✓
C. Type of production (oil or gas)	Oil		Oil ✓
D. Method of production (flowing or art. lift)	Artificial Lift		Artificial Lift
E. Latest test data by zone (oil, gas, and water)	1 BOPD/0 Mcfd/14 BWPD		1 BOPD/0 Mcfd/179 BWPD
F. Wellhead or bottom hole pressure	Wellhead = 30 psi		Wellhead = 30 psi
G. Spacing order number and size of unit	70173 & 68037/40 acres ✓		70173 & 68037/40 acres ✓
H. Increased density order number	N/A		N/A
I. Location exception order number and penalty	N/A		N/A

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MB A Mann Signature Production Engineer Title 580-252-5580 Phone (AC/NO)

OCC USE ONLY

Staff Signature	Phone No.	Date	<input type="checkbox"/> Approved <input type="checkbox"/> Rejected
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MACK ENERGY CO.
Lucas Trust 1-7
 NW SE NW SW 7-2S-2W
 Carter County, OK
 API # 019-25904

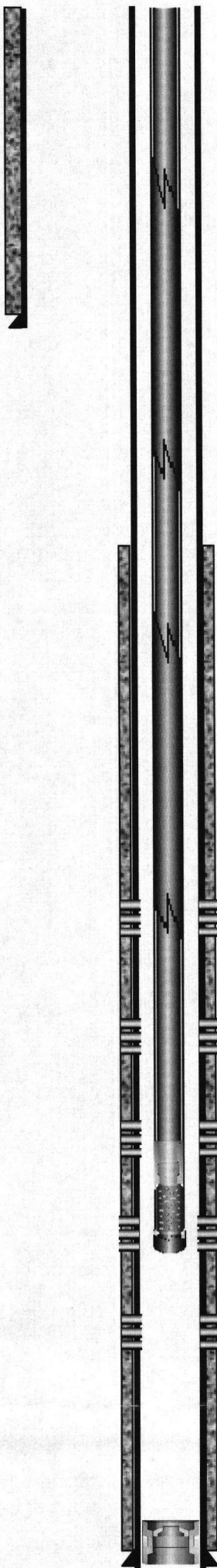
DF 1037'
 GL 1031'
 KB 1038'

Spud: 6/6/2013
 Compl. 3/19/2014

7" 23# J-55 LT&C Casing run as follows:

Zero 7'; Stick up 8'; Cut off 15'

113 jts (4662.44')	0-4654.44'
FC (1')	4654.44'-4655.44'
1 jt (42.07')	4655.44'-4697.51'
FS (1')	4697.51'-4698-51'



SURFACE CSG:

9 5/8" 36# J-55 LTC new csg set @
 1338' w/390 sx cmt tested to 900 psi

TOC @ 2760' (GR-CBL log)

Fusulinid
 2894'-3186'

Eason
 3328'-3408'

Tussy
 3440'-3612'

Carpenter
 3662'-88'

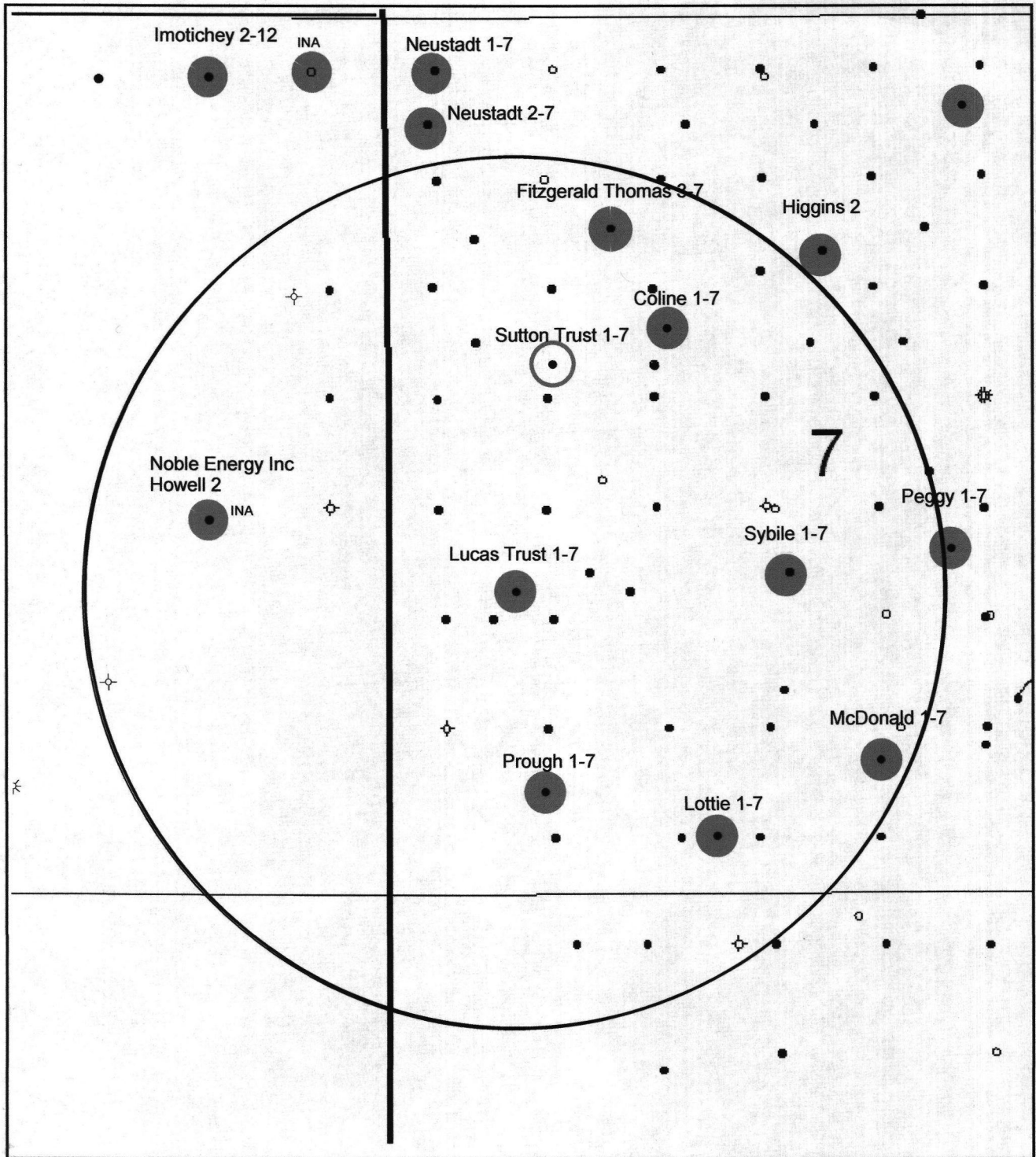
Morris Sd
 3942'-4496'

PRODUCTION CASING

7" 23# J-55 LT&C new csg @ 4699' w/365 sx cmt
 to 1600 psi

PBTD @ 4642'
 TD @ 4800'

Completed by: Dinah Mayes
 Dated: 3/19/2014



1/2 Mile Radius Circle

● Deese Producers (Fusulinid, Eason Tussy, Carpenter, Morris)



ARRAY INDUCTION
SHALLOW FOCUSED
ELECTRIC LOG

COMPANY **MACK ENERGY COMPANY**
 WELL **LUCAS TRUST #1-7**
 FIELD **WILDCAT JIM**
 PROVINCE/COUNTY **CARTER**
 COUNTRY/STATE **U.S.A / OKLAHOMA**
 LOCATION **740' FWL & 800 FNL**

SEC 7	TWP 2S	RGE 2W	Other Services MDN/MPD
API Number 35-019-25904			MML
Permit Number			DIP

Permanent Datum GL, Elevation feet	Elevations:	feet
Log Measured From KB	KB	1038.00
Drilling Measured From KB	DF	1037.00
	GL	1031.00

Date	20-JUN-2013		
Run Number	ONE		
Service Order	3540155		
Depth Driller	4800.00	feet	
Depth Logger	4805.00	feet	
First Reading	4802.00	feet	
Last Reading	1340.00	feet	
Casing Driller	1340.00	feet	
Casing Logger	1338.00	feet	
Bit Size	8.750	inches	
Hole Fluid Type	GEL		
Density / Viscosity	9.30 lb/USg	90.00 CP	
PH / Fluid Loss	9.50		
Sample Source	PIT		
Rm @ Measured Temp	1.29 @ 85.0	ohm-m	
Rmf @ Measured Temp	0.96 @ 85.0	ohm-m	
Rmc @ Measured Temp	1.93 @ 85.0	ohm-m	
Source Rmf / Rmc	CALC	CALC	
Rm @ BHT	1.13 @ 98.0	ohm-m	
Time Since Circulation	5 HOURS		
Max Recorded Temp	98.00	deg F	
Equipment / Base	13145	OKC	
Recorded By	M. JOHNSON	R. GAINES	
Witnessed By	D. GOODSON	D. HARRISON	

HOLE WASHOUTS AND RUGOSITY WILL AFFECT LOG QUALITY AND REPEATABILITY

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 wilful 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 any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions in our price schedule.

2 INCH MAIN LOG 1:600

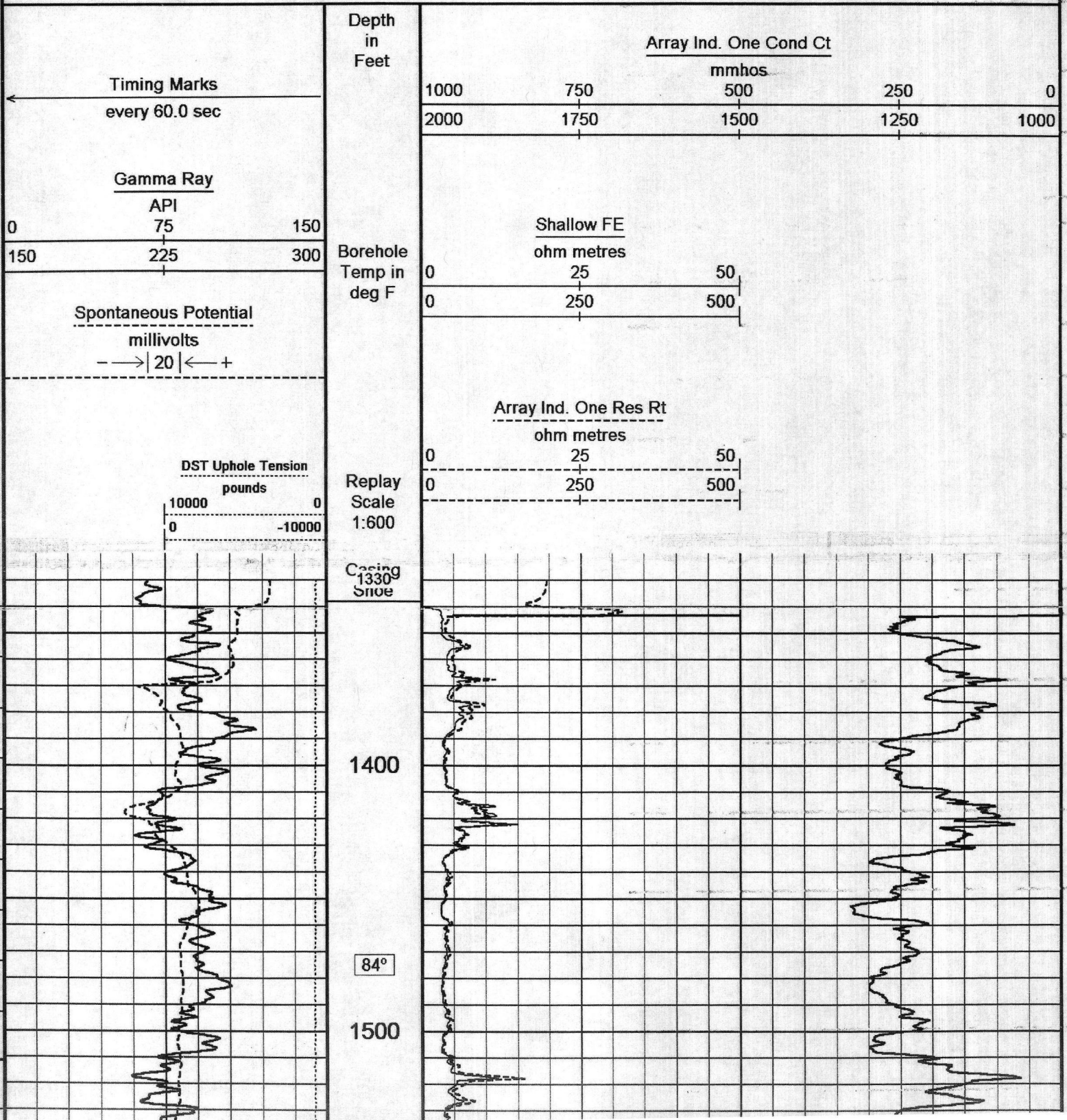
Depth Based Data - Maximum Sampling Increment 10.0cm

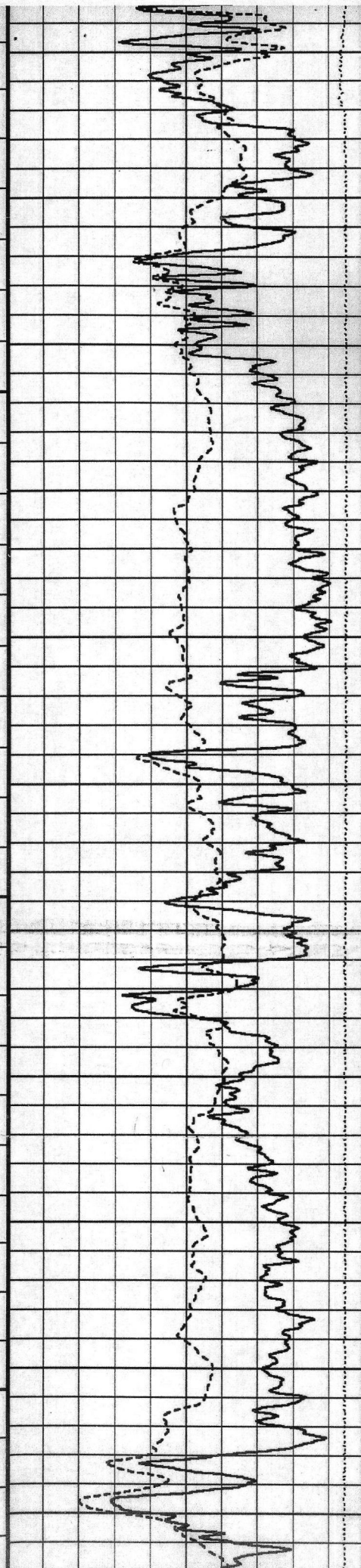
Plotted on 21-JUN-2013 08:15

Filename: C:\Users\ldgoodson\AppData\Local\Temp\Weatherford PreView\Main Pass.dta

Recorded on 20-JUN-2013 09:10

System Versions: Logged with 13.04.8723 Processed with 13.04.8723 Plotted with 13.05.8795





89°
Fusulinid
2894'
2900

89°

3000

90°

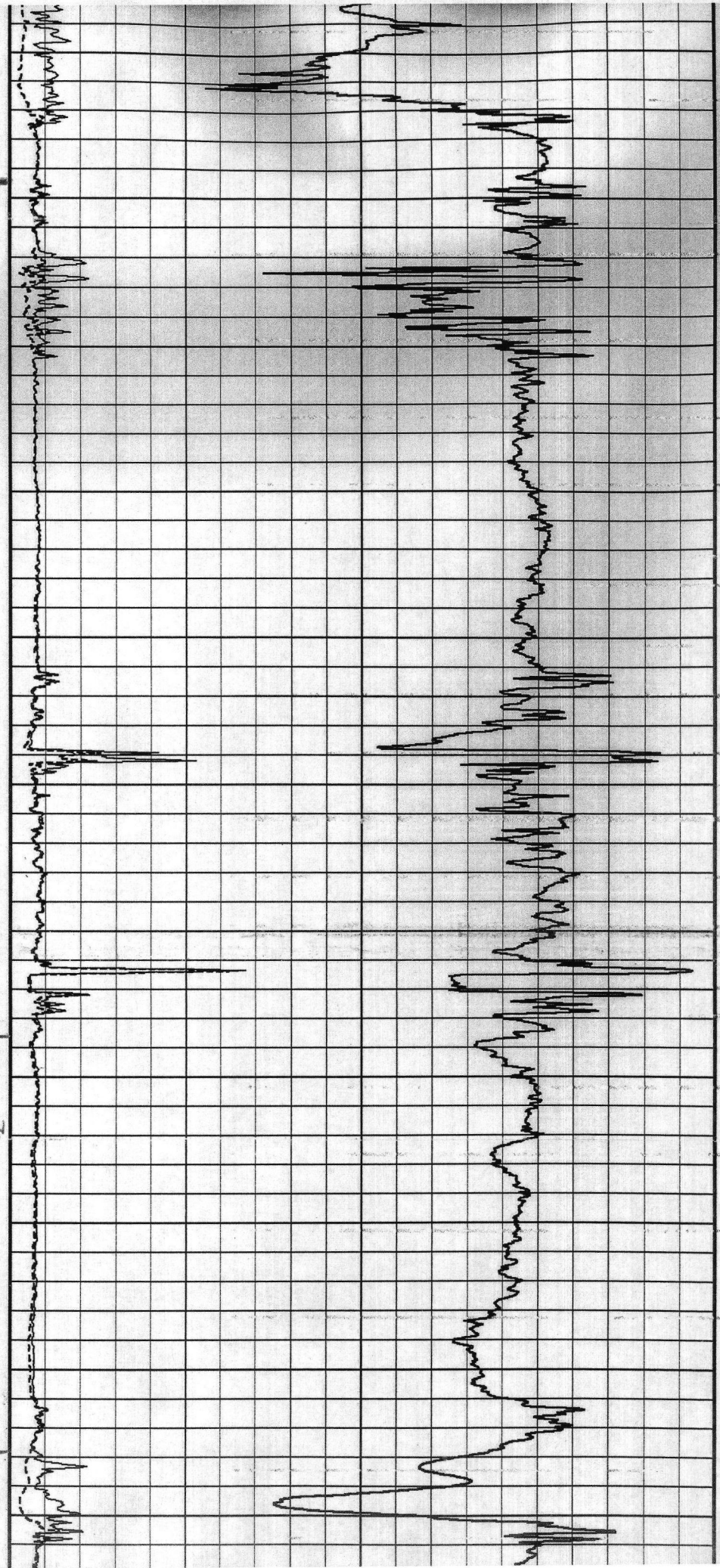
3100

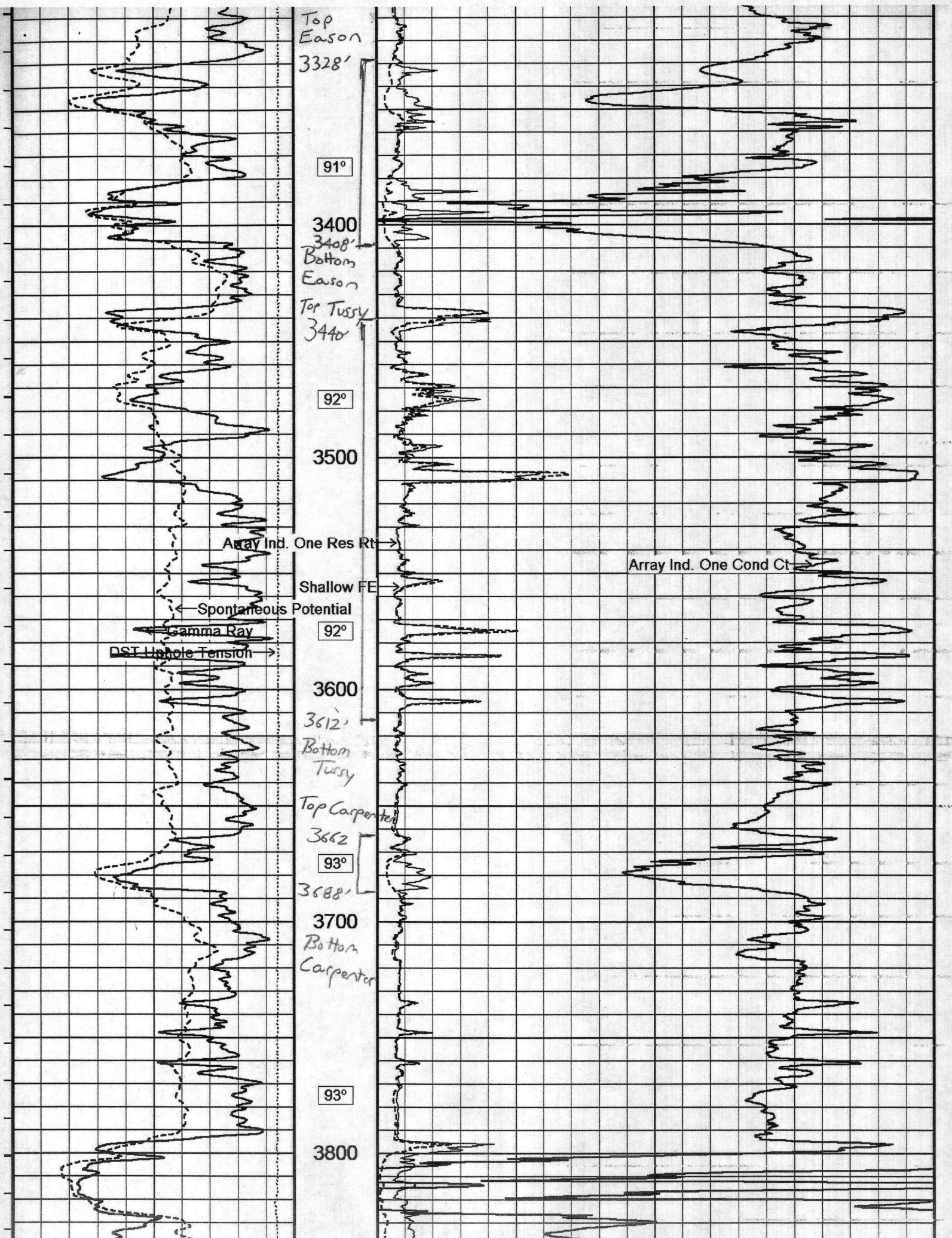
91°

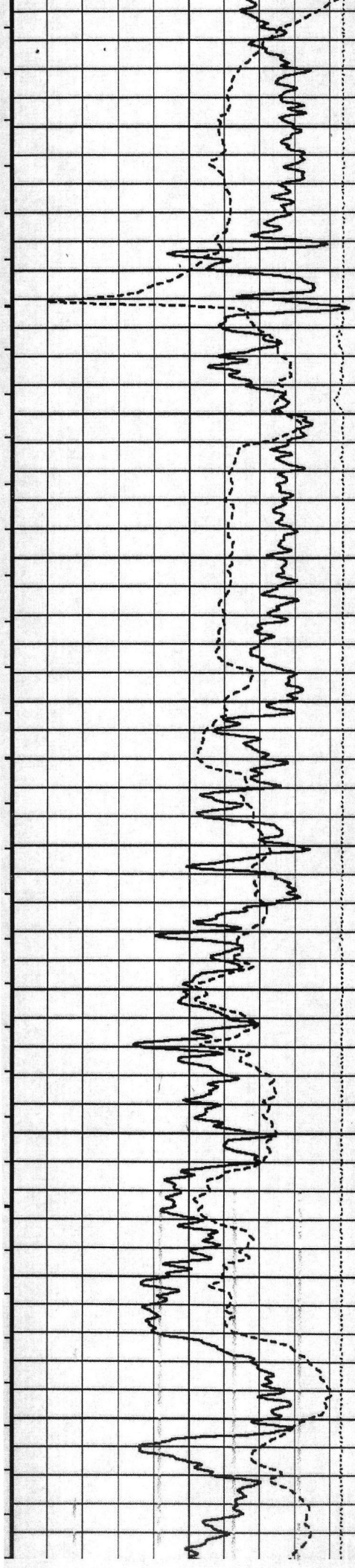
3186'
3200
Bottom
Fusulinid

91°

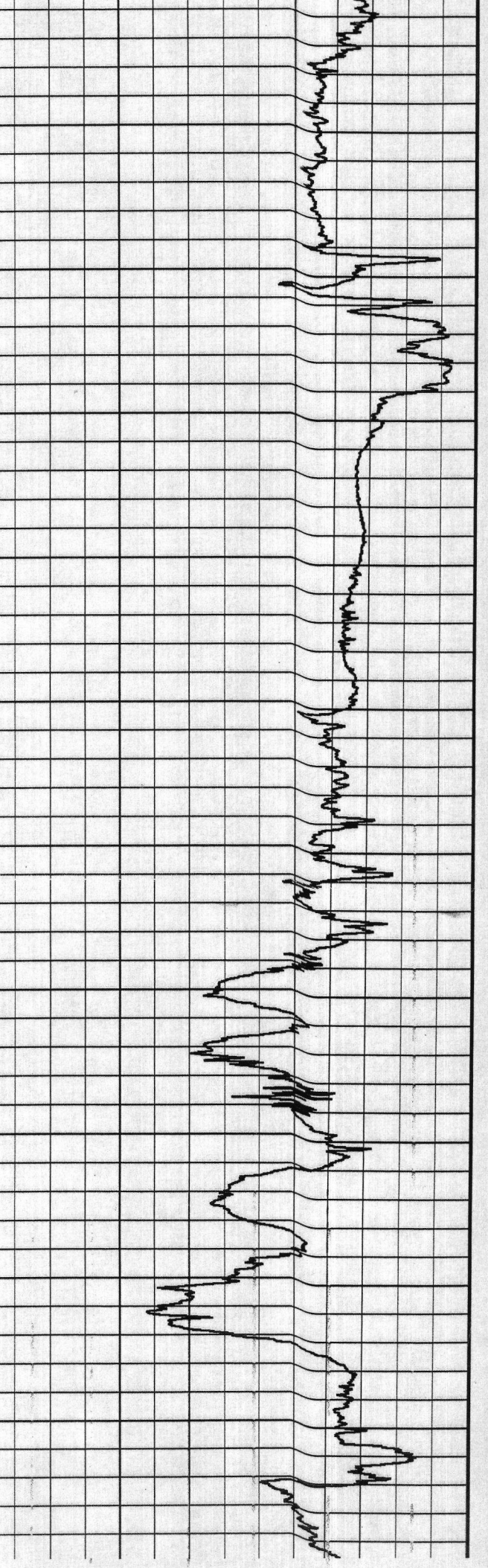
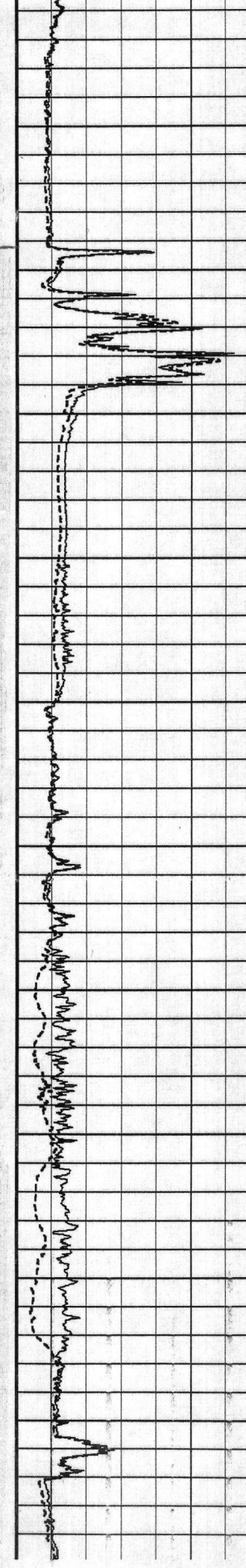
3300
Top
Eason
3328'

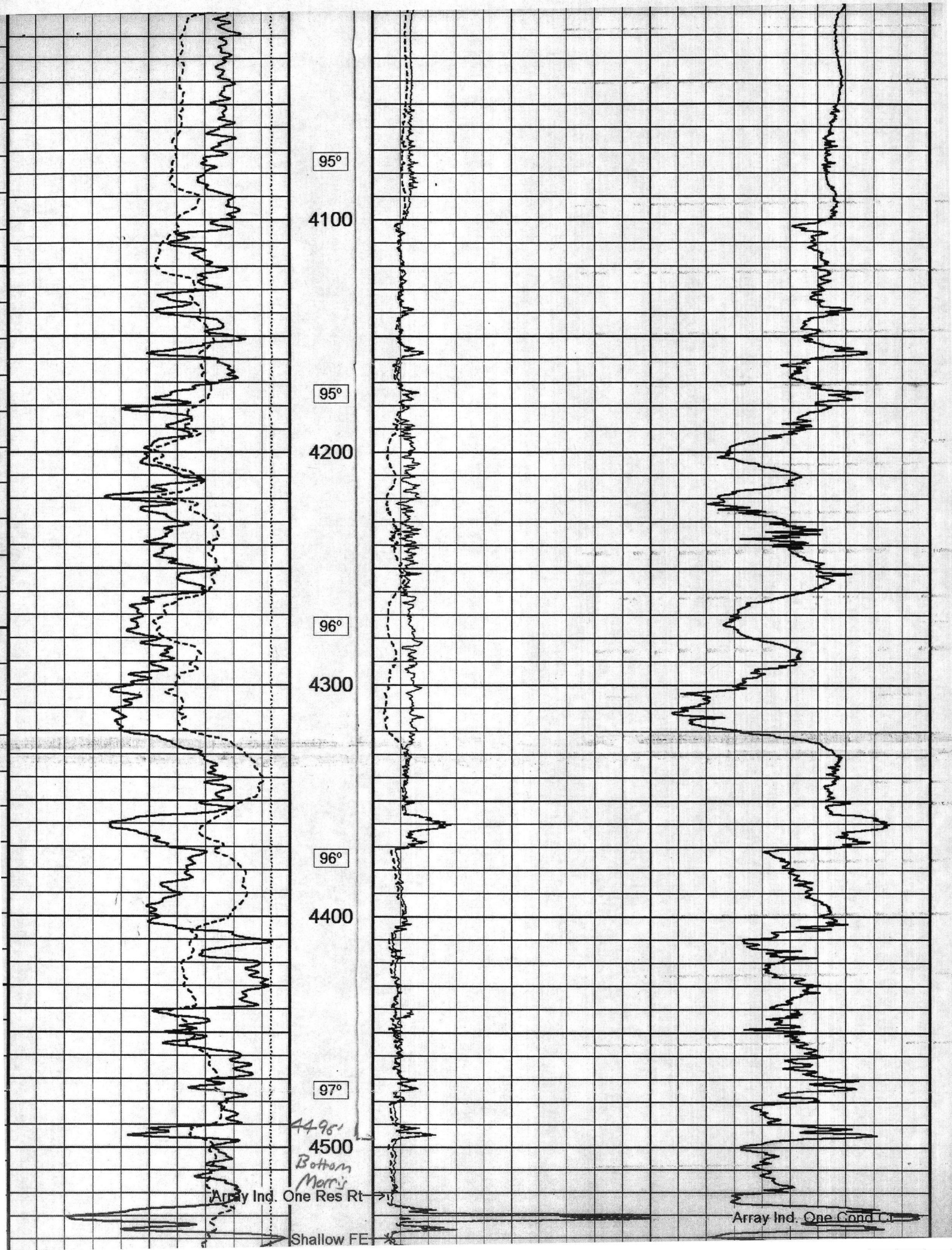






94°
3900
Top Morris
3942
94°
4000
95°
4100
95°
4200
96°
4300
96°





95°

4100

95°

4200

96°

4300

96°

4400

97°

4495
4500

Bottom
Morris

Array Ind. One Res Rt →

Shallow FE

Array Ind. One Cond Ct