

JOHN O. FARMER, INC.

P.O. Box 352

Distribution:Russell, KS 67665
(785) 483-3144**Drilling Contractor:**Presley Petroleum
Terry Marple
Grand Prairie
Gerald N. Furseth
Paul Simpson
Kirk Rundle**HOELSCHER A#1**
1060' FNL & 2100' FWL
Sec. 11-T19S-R10W
Rice County, Kansas
1737 G.L.
1745 K.B.
6/18/2009 9:09Discovery Drilling - Rig #2
Cell. (785) 635-1511 (Tom Alm)
(785) 635-1412 (Rig)
Toolpusher - Carl Goff
Cell. (785) 635-9311
Geologist - Randy Kilian
Home (785) 628-6061
Cell (785) 635-1349**API #15-159-22,402****TIGHT HOLE - DO NOT RELEASE INFORMATION****7/16/2002**

Move in Discovery - Rig #2, spud at 2:15 PM. Drilled 455' of 12 1/4" hole, ran 14 Jts used 23# - 8 5/8" casing (445.05'), set at 455.05' KB. Cement with 300 sx 60/40 Poz, 2% Gel, 3% CC (cement did circulate), completed at 3:00 AM.

7/17/2002455', waiting on cement. Drill plug out at 11:00 AM.
(Anhy top appears to be what we expected on regional mapping)**7/18/2002**

1535', drilling

7/19/2002

2417', drilling

7/20/2002

2780', going back in hole after DST #1

DST #1- 2721'-80' (Plattsmouth)

30"-30"-65"-60"

IF: Surface build to 3" blow

FF: Surface build to 6" blow

Rec: 30' SOCM (2% Oil, 10% W, 88% Mud)
65' SOCMW (1% Oil, 40% Mud, 59% W)
Chlorides 50,000 ppm

FP: 19-41#, 45-66#

SIP: 781-796#

HP: 1291-1284#

BHT: 104° F

7/21/2002

3052', circulate for samples

DST #2- 2827-2870' (Douglas Sand)

30"-30"-60"-60"

IF: Weak - Dead 15"

FF: Weak - Dead in 15"

Rec: 15' Mud with oil stain

FP: 18-23#, 21-27#

SIP: 56-69#

HP: 1365-1338#

BHT: 104° F

DST #3- 3020-3052 (Lansing G)

30"-45"-60"-90"

Gas to surface in 35 mins on 2nd opening.

Rec: 55' Oil stained mud, 430' gassy salt water

FP: 64-135#, 143-251#

SIP: 473-478#

HP: 1474-1459°

BHT: 109° F

7/22/2002

3138', running DST #4

DST #4- 3103-3138' (Lansing J)

30"-30"-60"-60"

Gas to surface in 20 mins on 2nd opening.

Rec: 115' gassy oil, (42 gravity)**120' heavy gas & mud cut oil**

FP: 29-58#, 56-109#

SIP: 837-822#

HP: 1531-1512°

BHT: 108° F

DST #5- 3207-3292' (Top 9' of Arbuckle)

30"-30"-30"-30"

IF: Weak blow, died in 10"

FF: No blow

Rec: 5' Mud, with oil stain

FP: 24-27, 26-28#

SIP: 131-76#

HP: 1597-1575#

BHT: 108° F

JOF Brandenstein #5 SE SE NE 11- 1727 DF		Estim. from 3D Seismic	JOHN O. FARMER, INC. HOELSCHER A#1 1745			
			Sample		E-Log	
Anhy			441	1304	445	1300
Topeka	2513 -786		2535	-790	2535	-790
Heebner	2756 -1029		2796	-1051	2798	-1053
Toronto	2778 -1051		2820	-1075	2820	-1075
Douglas Sd	2802 -1075		2831	-1086	2830	-1085
Brown Lime	2880 -1153		2919	-1174	2920	-1175
Lansing	2910 -1183	-1187	2943	-1198	2944	-1199
Stark Sh	3114 -1387		3154	-1409	3152	-1407
B/KC	3176 -1449		3212	-1467	3217	-1472
Arbuckle		-1560	3283	-1538	3292	-1547
RTD			3376	-1631		
LTD			3377	-1632	3377	-1632

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Sec. 11-T19S-R10W

Rice County, Kansas

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6/18/2009 9:09

Drilling Contractor:

Discovery Drilling - Rig #2

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7/23/2002

3302', running DST #6

DST #6- 3293-3302 (Top 19' of Arbuckle)

30"-30"-60"-60"

IF: 1" blow in 11 minutes

FF:

Rec: 110' SW (Chlorides 16,000 ppm)

FP: 21-40, 41-69#

SIP: 1116-1113#

HP: 1646-1602#

BHT: 113° F

7/24/2002

3376', running 4 1/2" casing.

Ran 81 Jts. Of used 4 1/2" - 10.5# and set @ 3257'.

Cemented casing w/125sx ASC w/5# Kolseal, 2% Gel,

.5% CD-31. Max Pressure @ 550#, good circul. throughout

job. Plug down @ 8:30 am, released rig @ 9:00 am.

JOF			Estim. from 3D Seismic	JOHN O. FARMER, INC.			
Brandenstein #5				HOELSCHER A#1			
SE SE NE 11- 1727 DF				1745			
			Sample		E-Log		
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Toronto	2778 -1051			2820 -1075	2820 -1075		
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Brown Lime	2880 -1153			2919 -1174	2920 -1175		
Lansing	2910 -1183	-1187		2943 -1198	2944 -1199		
Stark Sh	3114 -1387			3154 -1409	3152 -1407		
B/KC	3176 -1449			3212 -1467	3217 -1472		
Arbuckle		-1560		3283 -1538	3292 -1547		
RTD				3376 -1631			
LTD				3377 -1632	3377 -1632		

LOG-TECH



Microresistivity Log

Log

DIGITAL LOG

(785) 625-3858

J&F Inc ELog

API No.

Company **John O. Farmer, Inc.**

Well **Hoelscher "A" #1**

Field **Chase-Silica**

County **Rice** State **Kansas**

15-159-22402

Location

1060' FNL & 2100' FWL

Sec: **11** Twp: **19S** Rge: **10W**

Other Services
CNL / CDL
DIL / BHCS

Elevation

Permanent Datum **Ground Level** Elevation **1737**
Log Measured From **Kelly Bushing** 8 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

K.B. 1745
G.L. 1737

Date **7/23/2002**

Run Number **Two**

Depth Driller **3376**

Depth Logger **3377**

Bottom Logged Interval **3352**

Top Log Interval **2400**

Casing Driller **8.625 @ 455**

Casing Logger **453**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity, ppm CL **6,000**

Density / Viscosity **9.4 42**

pH / Fluid Loss **9.5 9.4**

Source of Sample **Flowline**

Rm @ Meas. Temp **1.0 @ 78**

Rmf @ Meas. Temp **.75 @ 78**

Rmc @ Meas. Temp **1.4 @ 78**

Source of Rmf / Rmc **Charts**

Rm @ BHT **7 @ 112**

Operating Rig Time **4.5 Hours**

Max. Rec. Temp. F **112**

Equipment Number **007**

Location **Hays**

Recorded By **D. Legleiter**

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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 interpretation, 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 any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

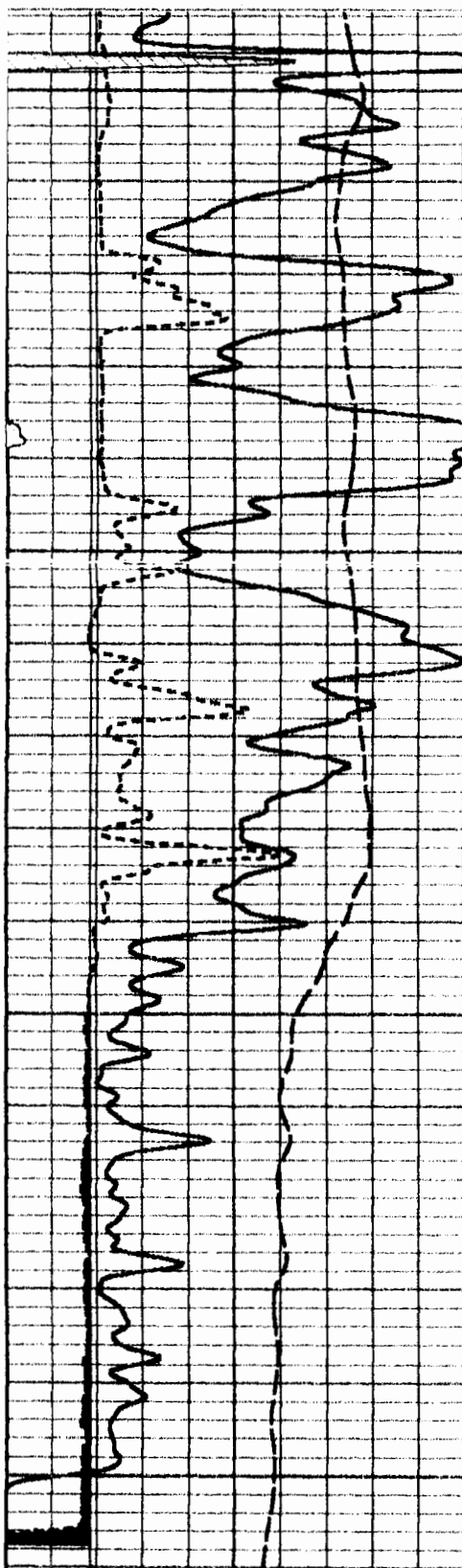
Thank you for using Log-Tech, Inc.
(785) 625-3858

Bushton 6 S 1 W

Repeat Section

Database File: farmer.db
 Dataset Pathname: stack/pass1.1
 Presentation Format: micro1.prs
 Dataset Creation: Tue Jul 23 20 47 30 2002 by Calc VER_5.3
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
-200	sp (mV)	0



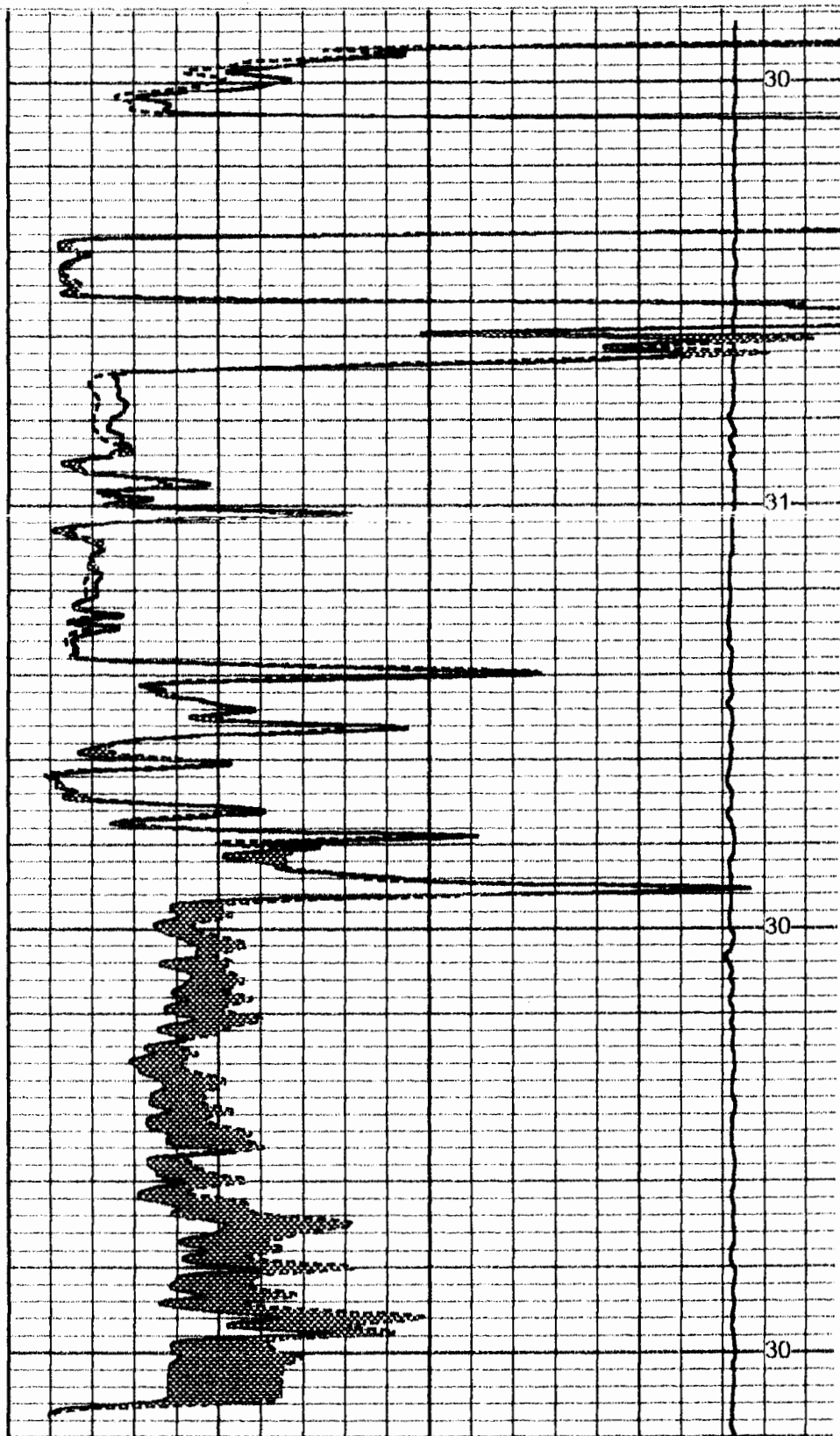
3200

3250

3300

3350

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
15000	Line Weight (lb)	0

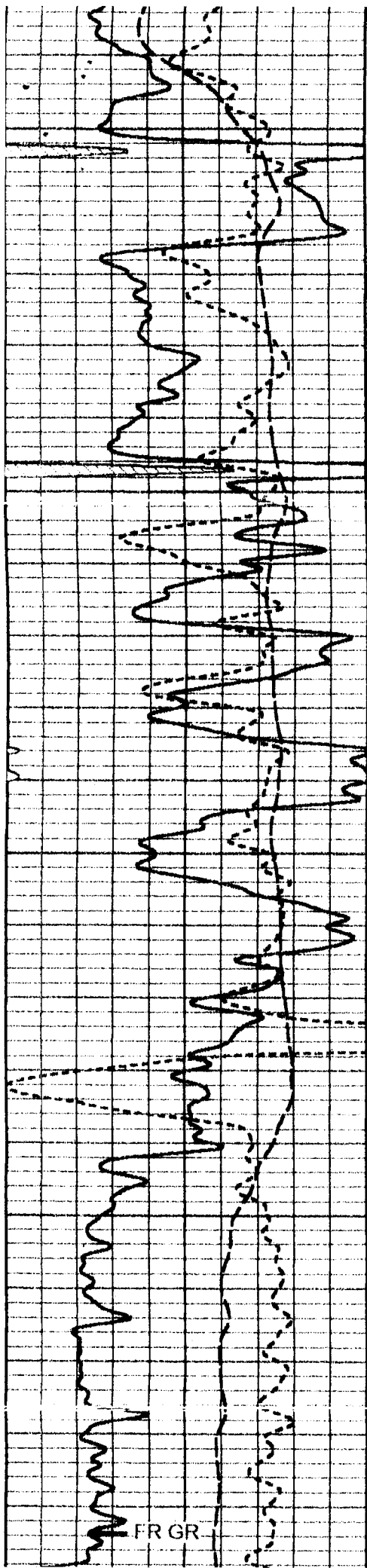


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31

30

30



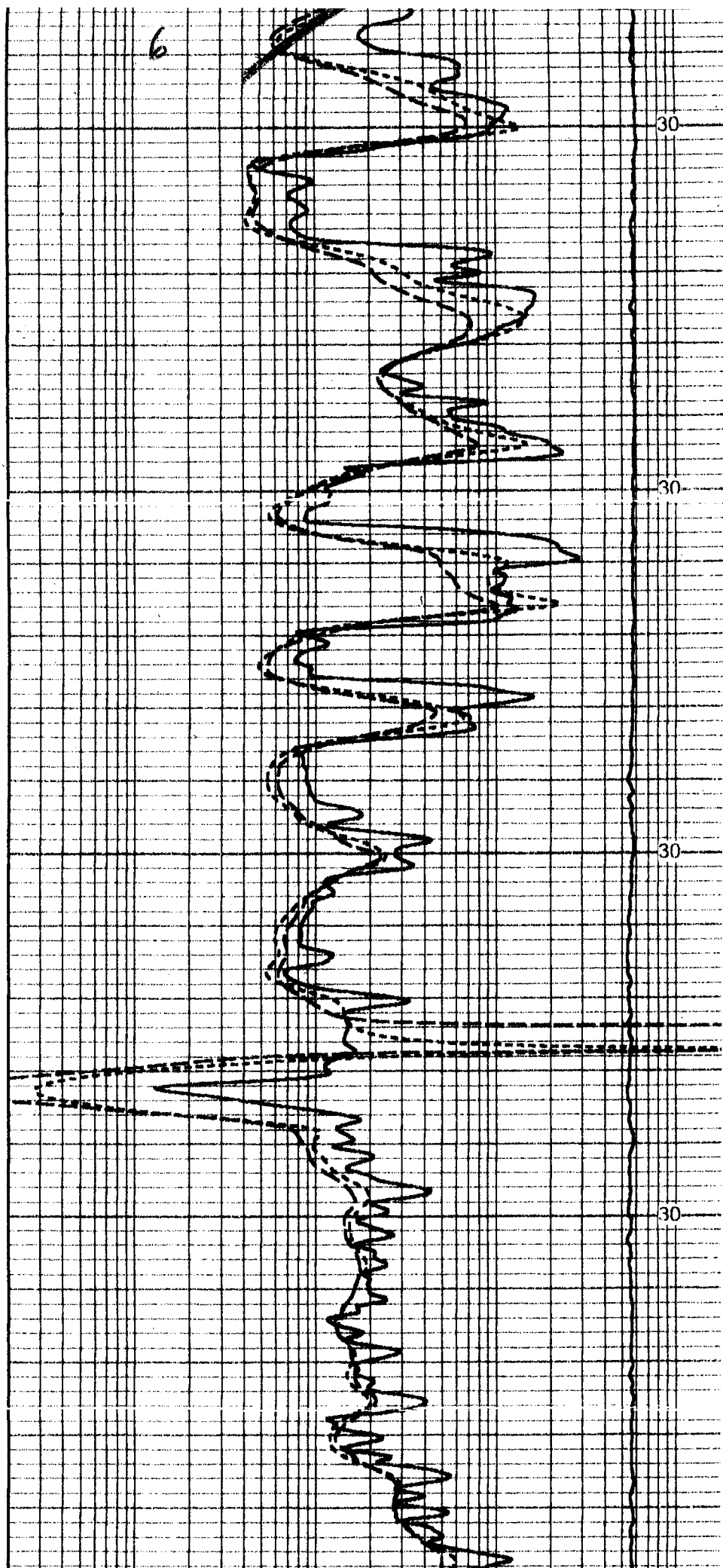
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3200

3250

3300

6

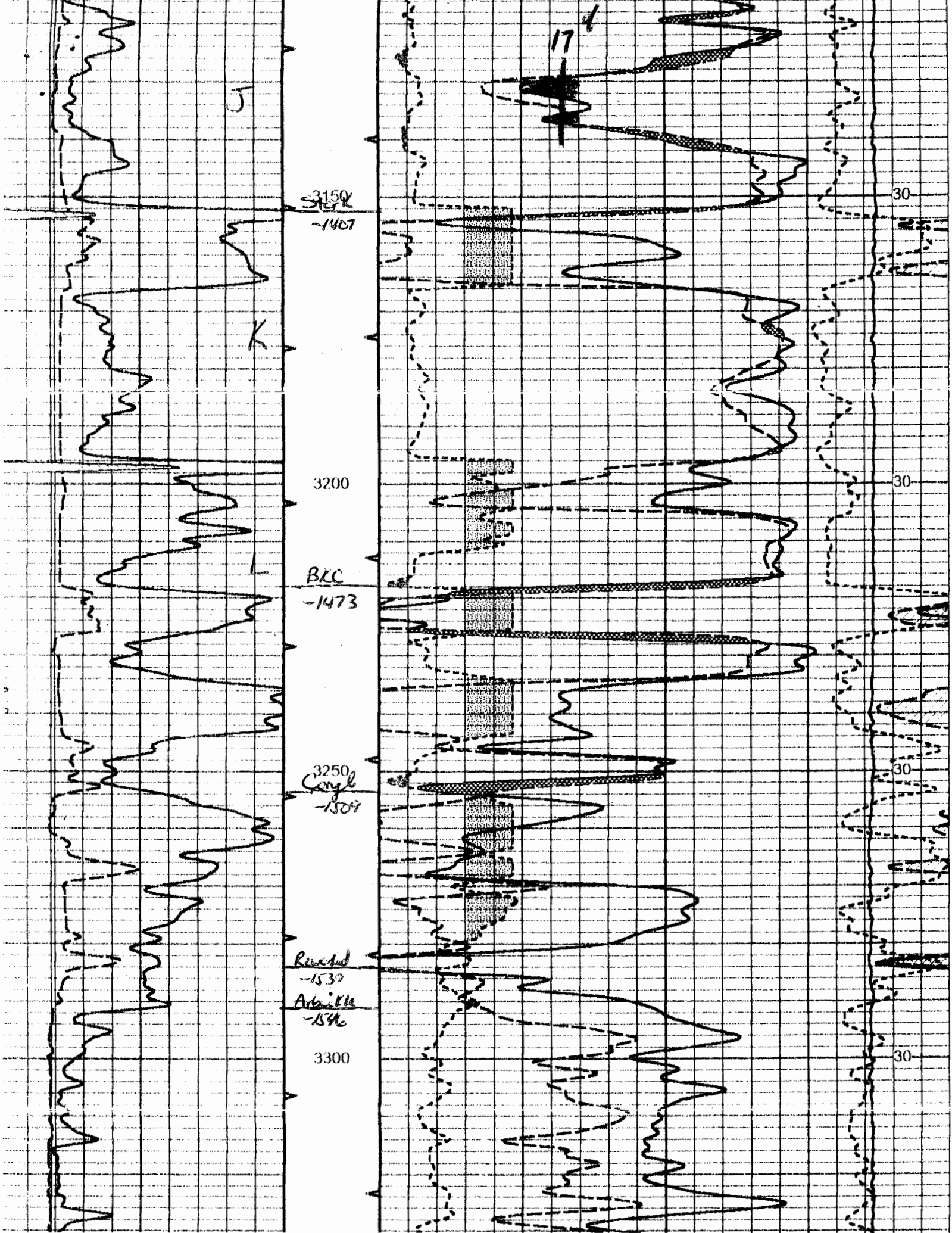


30

30

30

30



3150
-1467

3200

BKC
-1473

3250
Cone
-1509

Revised
-1539
Artistic
-1546

3300

30

30

30

30

17