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

RECEIVED  
MAR 13 2015

1. API No. **117-23611**  
2. OTC Prod. Unit No. **117-214159-0-0000**  
3. Date of Application **3-11-2015**

4. Application For (check one)  
 A. Commingle Completion at 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 **Tarka Energy LLC** OTC/OCC No. **23529** Email **kevin.newby@tarka.com**  
Address **PO Box 190** Phone No. **405-360-0017**  
City **Duncan** State **Oklahoma** Zip **73534**  
6. Lease Name/Well No. **Crump 1-5** FAX No. **405-360-0648**  
Location within Sec. (1/4 1/4 1/4 1/4) **N2,SW,SE,SE** Sec. **05** Twp **20N** Rge **05E** County **Pawnee**

8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply		<b>Red Fork</b>	<b>Mississippi Lime</b>
B. Top and bottom of pay section (perforations)		<b>3501-3550</b>	<b>3699-3715, 3725-3735, 3746-3762, 3816-3856</b>
C. Type of production (oil or gas)		<b>oil</b>	<b>oil</b>
D. Method of production (flowing or art. lift)		<b>artificial lift</b>	<b>artificial lift</b>
E. Latest test data by zone (oil, gas, and water)		<b>← 15 bo, 0 mcf, 1602 bw →</b>	
F. Wellhead or bottom hole pressure		<b>bhp=1778 psi</b>	<b>bhp=1778 psi</b>
G. Spacing order number and size of unit		<b>No Spacing</b>	<b>No Spacing</b>
H. Increased density order number		<b>n/a</b>	<b>n/a</b>
I. Location exception order number and penalty		<b>n/a</b>	<b>n/a</b>

Oklahoma Corporation Commission  
Oil & Gas Division  
**Approved**

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.  
**There are no other operators within 1/2 mile.**

10. The operators listed above have been notified and furnished a copy of this application.  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

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.

Kevin Newby Signature Engineering Tech Title 405-360-0017 Phone (AC/NO)

OCC USE ONLY  
Staff Signature S.A Phone No. \_\_\_\_\_ Date 3, 28, 15  Approved  Rejected

SD

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

RECEIVED Form 1023  
Rev. 2007

MAR 13 2015

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8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply	<b>Woodford</b> ✓	<b>Simpson Dolomite</b> ✓	<b>Wilcox</b> ✓
B. Top and bottom of pay section (perforations)	<b>3870-3906</b> ✓	<b>3920-3944</b> ✓	<b>3944-3992, 4005-4012</b> ✓
C. Type of production (oil or gas)	<b>oil</b>	<b>oil</b>	<b>oil</b>
D. Method of production (flowing or art. lift)	<b>artificial lift</b>	<b>artificial lift</b>	<b>artificial lift</b>
E. Latest test data by zone (oil, gas, and water)	← <b>15 bo, 0 mcf, 1602 bw</b> →		
F. Wellhead or bottom hole pressure	<b>bhp=1778 psi</b>	<b>bhp=1778 psi</b>	<b>bhp=1778 psi</b>
G. Spacing order number and size of unit	<b>No Spacing</b>	<b>No Spacing</b>	<b>No Spacing</b>
H. Increased density order number	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
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Kevin Newby Signature Engineering Tech Title 405-360-0017 Phone (AC/NO)

OCC USE ONLY

Staff Signature \_\_\_\_\_ Phone No. \_\_\_\_\_ Date \_\_\_\_\_  Approved  Rejected



TARKA ENERGY, LLC  
2420 Springer Drive, Suite 105  
Norman, OK 73069

CRUMP 1-5

BRYAN FIELD

450 'FSL & 1650' FWL  
N2 SW SE SE Sec 05-T20N-R05E  
PAWNEE COUNTY  
API# 35-117-23611

WELLBORE CONFIGURATION

GL = 1076'  
KB = 1089'  
SPUD: 30 June 2014  
TD: 20 AUG 2014

144' 8 5/8", 24# J-55 Cmt 100 sx to surface

TOC  
SURFACE

REDFORK  
3501'-3550'

2020' CBL

MISS LIME  
3699'-3715'  
3725'-3735'  
3746'-3762'  
3816'-3856'

WOODFORD  
3870'-3906'

SIMPSON DOLOMITE  
3920'-3944' Simpson Dolomite

WILCOX  
3944'-3992', 4005'-4012' Wilcox

4103' 98 jts, 5 1/2", 15.5#, J-55 Cmt 265 sx class H  
MARKER JT: 2775'-2785'

PBTD = 4080'

TD = 4103'



TARKA ENERGY  
LLC

5

4

8

9

MCVAY  
1

HIGH EAGLE  
1

DAVIS W B  
1

A.H. FUSS  
1-4

FUSS  
1

CAMPBELL  
1

MARK FUSS  
2

CRUMP  
1-5 ✓

DAWES  
1

COPPER  
1

0 1.044  
LEROY G. MOORE  
FEET





**Weatherford**

**COMPACT PHOTO DENSITY  
COMPENSATED NEUTRON  
POROSITY LOG**

COMPANY **MT. DORA ENERGY, LLC**

WELL **CRUMP #1-5**

FIELD **BRYAN FIELD**

PROVINCE/COUNTY **PAWNEE**

COUNTRY/STATE **U. S. A. / OKLAHOMA**

LOCATION **450' FSL & 1650' FWL of N2-SW-SE-SE**

SEC 5 TWP 20N RGE 5E Other Services

LATITUDE MAI/MFE

API NUMBER 35-117-23611 CMI

Permanent Datum GL, Elevation 1076 feet

Log Measured From KB

Drilling Measured From KB

Elevations:  
KB 1089.00  
DF 1087.00  
GL 1076.00

Date	20-AUG-2014
Run Number	ONE
Service Order	6950-95676552
Depth Driller	4100.00 feet
Depth Logger	4100.00 feet
First Reading	4062.00 feet
Last Reading	158.00 feet
Casing Driller	144.00 feet
Casing Logger	158.00 feet
Bit Size	7.875 inches
Hole Fluid Type	WBM
Density / Viscosity	9.00 lb/USg 73.00 sl/qt
PH / Fluid Loss	8.00 6.40 ml/30Min
Sample Source	MUD TANK
Rm @ Measured Temp	0.80 @ 94.0 ohm-m
Rmf @ Measured Temp	0.64 @ 94.0 ohm-m
Rmc @ Measured Temp	0.96 @ 94.0 ohm-m
Source Rmf / Rmc	CALC CALC
Rm @ BHT	0.62 @ 123.0 ohm-m
Time Since Circulation	5 HOURS
Max Recorded Temp	123.00 deg F
Equipment / Base	13039 OKC
Recorded By	AXEL HANNENBERG
Witnessed By	ROGER BUTLER
SALES	ED ROSE
	GARY MAYFIELD

**BOREHOLE RECORD**

Last Edited: 20-AUG-2014 00:44

Bit Size inches	Depth From feet	Depth To feet
7.875	144.00	4100.00

**CASING RECORD**

Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	8.625	0.00	144.00	24.00

**REMARKS**

TOOLS RUN: MCG, MMR, MDN, MPD, MFE, MIM, MIE, MAI RAN IN COMBINATION

HARDWARE: MAI: TWO 0.5 INCH STANDOFFS USED.  
MFE: ONE 0.5 INCH STANDOFF USED.  
MDN: DUAL NEUTRON BOW SPRINGS USED.  
MPD: 8 INCH PROFILE PLATE USED.  
MIM: CENTRALIZER BASKET

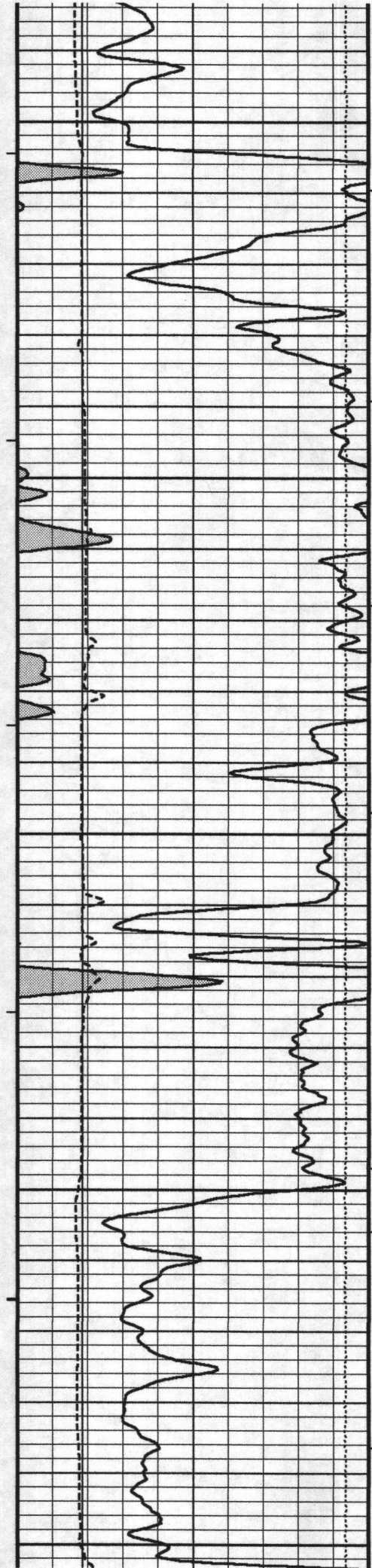
2.71 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY  
ALL INTERVALS LOGGED AND SCALED PER CUSTOMER'S REQUEST.

TOTAL HOLE VOLUME FROM TD TO SURFACE CASING = 1590 CU.FT.  
ANNULAR HOLE VOLUME WITH 5.5 INCH PRODUCTION CASING FROM TD TO SURFACE CASING = 950 CU.FT.

TICKET NUMBER: 6950-95676552

RIG: PROJECT DRILLING #2





116°

3350

117°

3400

117°

3450

200

118°

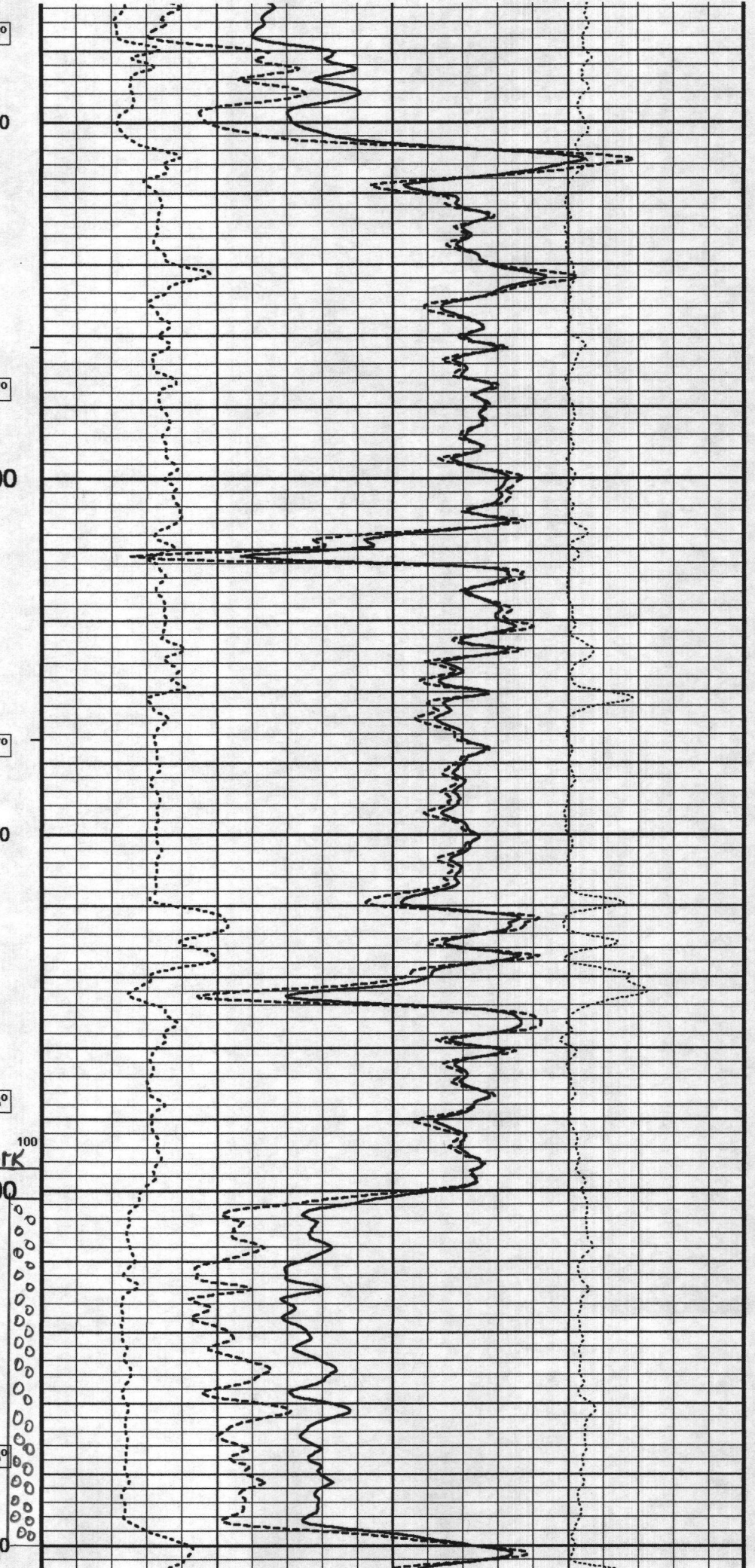
Redfork<sup>100</sup>

3500

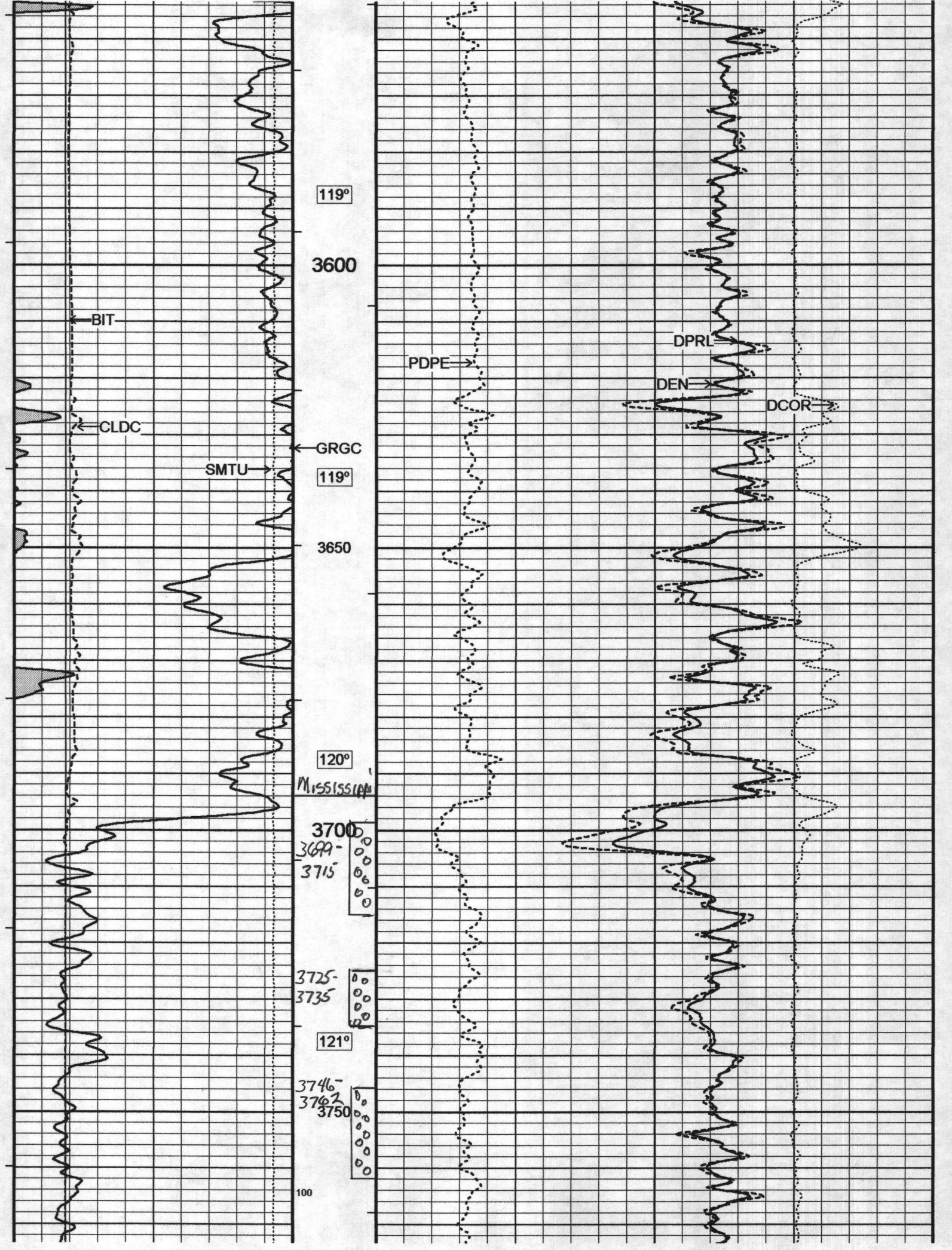
3501-3550

118°

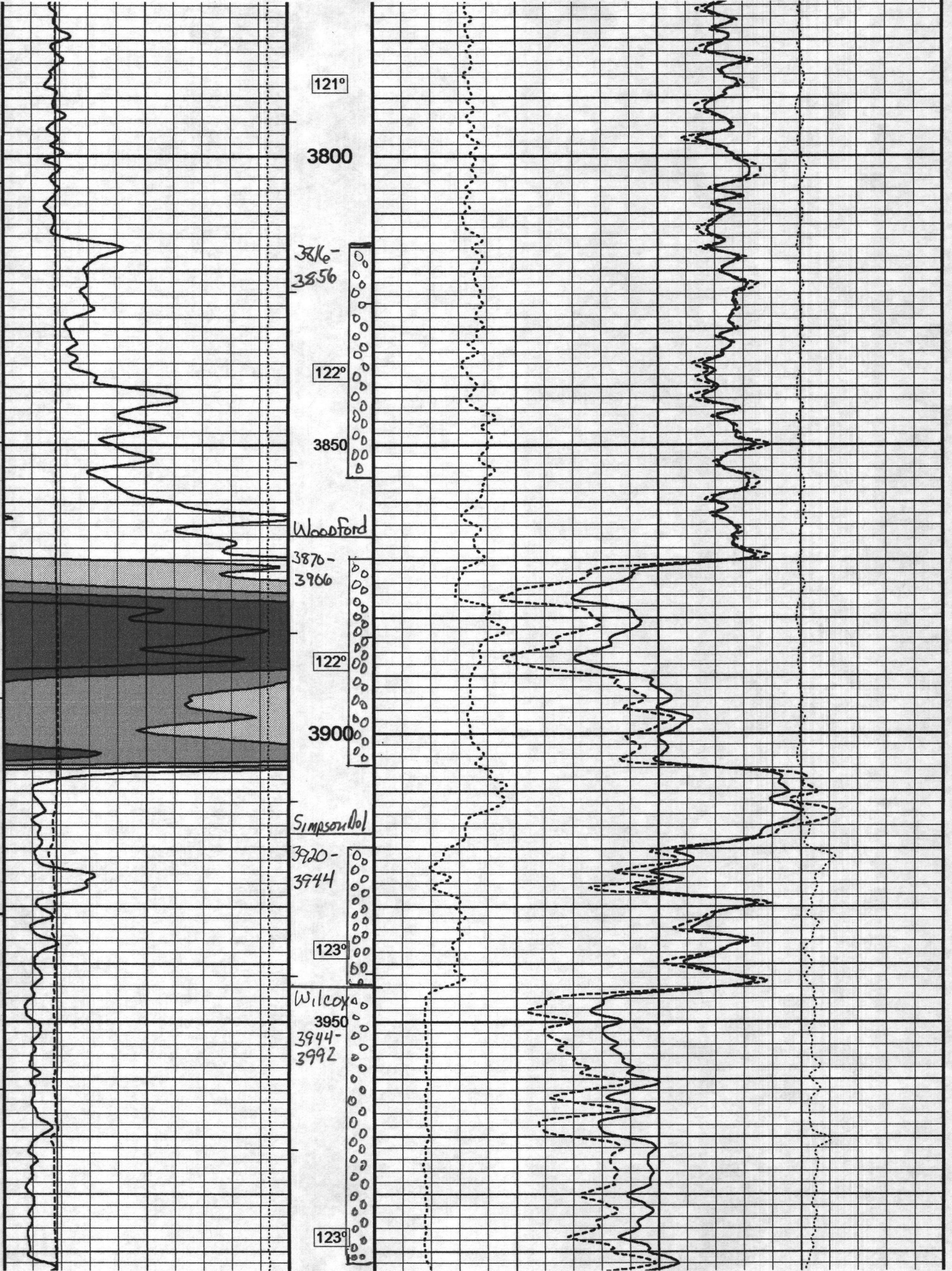
3550











121°

3800

3856-  
3856

122°

3850

Woodford

3870-  
3906

122°

3900

Simpson Dol

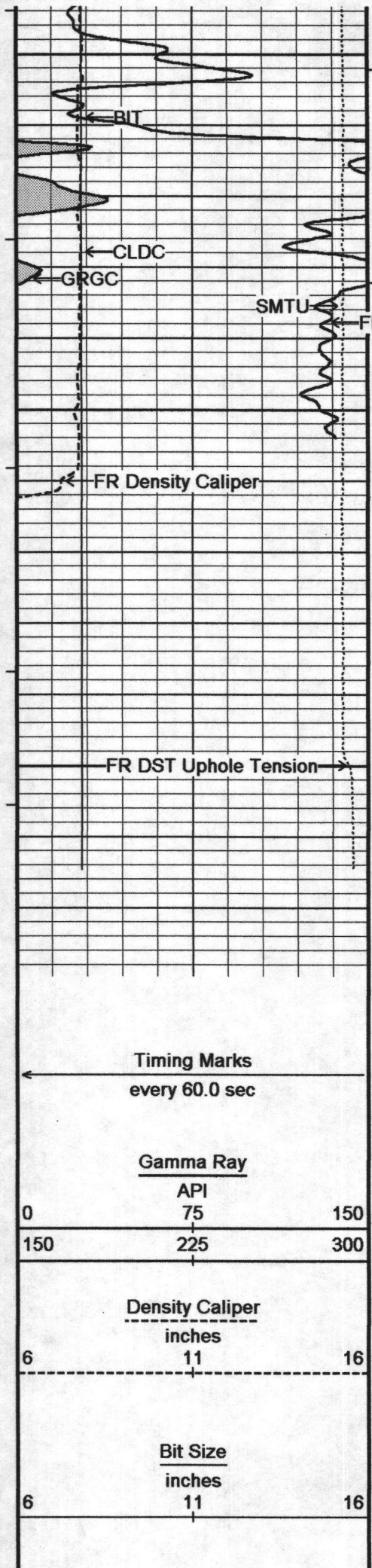
3920-  
3944

123°

Wilcox  
3950  
3944-  
3992

123°





Wilcox  
 4000  
 4005-  
 4012

1221  
 Gamma Ray

4050

4100

4128  
 Depth  
 In  
 Feet

Timing Marks  
 every 60.0 sec

Gamma Ray

API

75

150

225

300

Density Caliper

inches

11

16

Bit Size

inches

11

16

Borehole  
 Temp in  
 deg F

HVI  
 every  
 10 cu ft

Annular  
 Integral  
 every  
 10 cu ft

