KOLAR Document ID: 1424031

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form CP-1
March 2010
This Form must be Typed
Form must be Signed
All blanks must be Filled

WELL PLUGGING APPLICATION

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.

OPERATOR: License #: 34038
Name: Flatirons Resources LLC
Address 1: CIRCLEPOINT CORPORATE CNTR II
Address 2: 11080 CIRCLE POINT RD, STE #180
City: WESTMINSTER State: CO Zip: 80020 + ____
Contact Person: John Marvin
Phone: (303) 241-9391

API No. 15 - 15-065-23685-00-01
If pre 1967, supply original completion date: ____
Spot Description: ____
SW NE NW NE Sec. 35 Twp. 10 S. R. 22 ☐ East ☑ West
630 Feet from ☑ North / ☐ South Line of Section
1730 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
County: Graham
Lease Name: WOODALL Well #: 31-35

Check One: ☑ Oil Well ☐ Gas Well ☐ OG ☐ D&A ☐ Cathodic ☐ Water Supply Well ☐ Other: ____
☐ SWD Permit #: ____ ☐ ENHR Permit #: ____ ☐ Gas Storage Permit #: ____

Conductor Casing Size: ____ Set at: ____ Cemented with: ____ Sacks
Surface Casing Size: 8.625 Set at: 226 Cemented with: 150 Sacks
Production Casing Size: 5.5 Set at: 3982 Cemented with: 150 Sacks

List *(ALL)* Perforations and Bridge Plug Sets:
Attached

Elevation: 2225 (☐ G.L. / ☑ K.B.) T.D.: 3982 PBTD: 3946 Anhydrite Depth: 1730 *(Stone Corral Formation)*
Condition of Well: ☑ Good ☐ Poor ☐ Junk in Hole ☐ Casing Leak at: - *(Interval)*
Proposed Method of Plugging *(attach a separate page if additional space is needed)*:
Isolate existing perforations from PBTD 3946' to 3860' as per KCC orders, fill casing to DV tool at 1720' with gelled water, circulate cement from 1720 to surface.

Is Well Log attached to this application? ☐ Yes ☐ No Is ACO-1 filed? ☑ Yes ☐ No
If ACO-1 not filed, explain why:

Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission

Company Representative authorized to supervise plugging operations: Curtis Counts
Address: Box 162 City: Russell State: Kansas Zip: 67665 + ____
Phone: (785) 483-1627
Plugging Contractor License #: 6426 Name: Express Well Service & Supply Inc
Address 1: PO BOX 19 Address 2: ____
City: VICTORIA State: KS Zip: 67671 + 0019
Phone: (785) 735-9405
Proposed Date of Plugging *(if known)*: 11/05/2018

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Submitted Electronically

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: ☐ **C-1** (Intent) ☐ **CB-1** (Cathodic Protection Borehole Intent) ☐ **T-1** (Transfer) ☒ **CP-1** (Plugging Application)

OPERATOR: License # 34038
Name: Flatirons Resources LLC
Address 1: CIRCLEPOINT CORPORATE CNTR II
Address 2: 11080 CIRCLE POINT RD, STE #180
City: WESTMINSTER State: CO Zip: 80020 + _ _ _ _
Contact Person: John Marvin
Phone: (303) 241-9391 Fax: (_____) _____
Email Address: johnm@flatironsllc.com

Well Location:
SW - NE - NW - NE Sec. 35 Twp. 10 S. R. 22 ☐ East ☑ West
County: Graham
Lease Name: WOODALL Well #: 31-35

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:
Name: Joel & Nanette Woodall
Address 1: 728 North 7th Street
Address 2: _____
City: Wakeeney State: Kansas Zip: 67672 + _ _ _ _

When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

☐ I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.

☒ I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a $30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the $30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

Submitted Electronically

Form	CP1 - Well Plugging Application
Operator	Flatirons Resources LLC
Well Name	WOODALL 31-35
Doc ID	1424031

Perforations And Bridge Plug Sets

Perforation Top	Perforation Base	Formation	Bridge Plug Depth
3863	3871	Arbuckle	

Tucker WIRELINE SERVICES

COMPOSITE LOG
PIT-ML-LDT-CNT-GR-SP

File No. : TUL-56614
Company : FLATIRONS RESOURCES, LLC.
Well : WOODALL #31-35
Field :
County : GRAHAM
State : KANSAS
Country : USA

Location : API#: 15-065-23685-00-00
630' FNL & 1730' FEL
NW NE
Sect : 35 Twp : 10S Rge : 22W

Recorded By : R. FRANKLIN
Witnessed By : C. ERICKSON

Date : OCT 16 2010
Run No. : 1

Permanent Datum :	GL	
Drilling Measured From :	KB	
Log Measured From:	KB	
Above Permanent Datum :	5.00	FT
Depth--Driller :	3975.0	FT
Depth--Logger :	3975.0	FT
Bottom Log Interval :	3928.0	FT
Top Log Interval :	3200.0	FT
Casing Depth--Driller:	226.0	FT
Casing Depth--Logger :	226.0	FT
Casing Diameter :	8.625	IN
Bit Size :	7.875	IN

Unit No. : 123
Location : TULSA

Elevations :
KB : 2225.00 FT
DF : 2224.00 FT
GL : 2220.00 FT

Additional Services
MLT
CST
PIT

Run Number 1

Depth To Fluid	0.0	FT		
Fluid Type In Hole :	WBM			
Density :	9.400	SG		
Viscosity :	47.000	SEC		
pH :	9.000			
Fluid Loss :	10.000		70	F
Salinity :	0.000	KPPM		
RM Source :	MEASURED			
RM :	0.750	OHMM at	70	F
RM at BHT :	0.470	OHMM at	116	F
RMF Source :	CALCULATED			
RMF :	0.640	OHMM at	70	F
RMF at BHT :	0.400	OHMM at	116	F
RMC Source :	CALCULATED			
RMC :	0.860	OHMM at	70	F

RMC :	0.000	OHMM at	70	F
RMC at BHT :	0.540	OHMM at	116	F
Max Recorded Temp. :			116	F
Time Circulation Stopped :				
Operating Rig Time, Hrs. :			3.0	

- Source Serial Numbers -

Gamma	2991GW
Neutron	N-1046

- Sonde Serial Numbers -

GRTB	GRT-BC-41
CNT	CNP-AE-42
LDTNG	LDP-DA-067
MSTNG	MST_DA-_029
CST	CST-AD-38
PIT_B	PIT-BA-20

Casing Strings

Size (IN)	Weight (LB/FT)	Bottom (FT)
8.625	36.00	226.00

- Comments -

ALL PRESENTATIONS AS PER CUSTOMER REQUEST.

GRT, CNT, LDT, MLT, CST, AND PIT RUN IN COMBINATION.
CALIPERS ORIENTED ON THE X-Y AXIS.
PHIN IS CALIPER CORRECTED.
2.71 G/CC USED TO CALCULATE POROSITY.
ANNULAR HOLE VOLUME CALCULATED USING 5.50" PRODUCTION CASING.
DETAIL PRESENTED FROM TD TO 3200' AS PER CLIENTS REQUEST.

GRT: GRP.
CNT: PHIN, CLCDIN.
LDT: PORL, LCOR, PECLN, CLLDIN, LDENN, PORLLS, PECSN.
MLT: NOR_R, INV_R, MSCLPIN.
CST: PORS, ITT, TT1PF, TT3PF, DDCDTF, ATIME.
PIT: ILD, ILM, CIRD, SFLA, SPU.

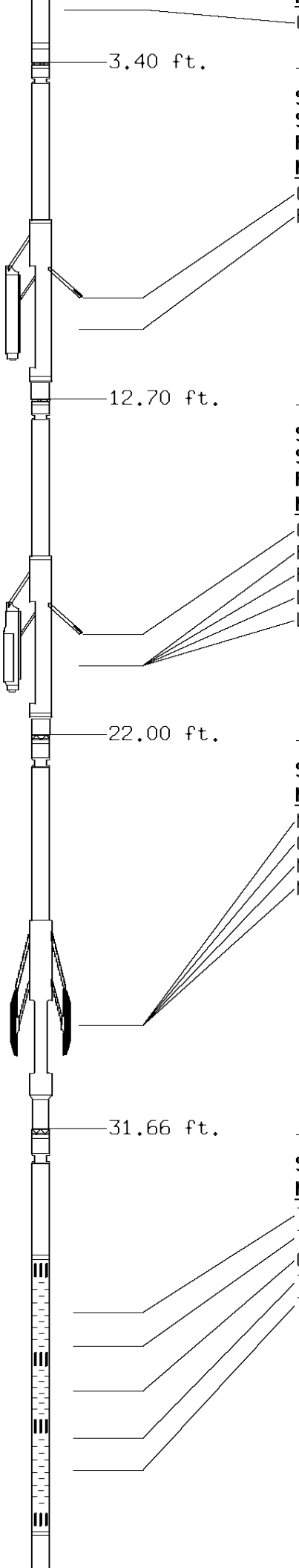
OPERATORS: S3
S. DAVIS
M. GARNER

THANK YOU FOR USING TUCKER WIRELINE SERVICES!

Tool String Schematic

Total Tool Length - 66.95 **ft.**
Maximum Outside diameter - 6.00 **in.**
Net Weight in Air - 1171.00 **lbs.**

Tool: GRTB **Length:** 3.40 **ft. O.D.:** 3.60 **in.**
Sonde ID : GRT-BC-41
Measure Point Stack Offset Tool Offset Bottom Offset



Measure Point	Stack Offset	Tool Offset	Bottom Offset
GRP	2.00	2.00	64.95

Tool: CNT **Length:** 9.30 **ft. O.D.:** 4.36 **in.**
Sonde ID : CNP-AE-42
Source ID : N-1046
Pad ID : CNP-AE-42

Measure Point	Stack Offset	Tool Offset	Bottom Offset
CLCN	9.40	6.00	57.55
PHIN	10.24	6.84	56.71

Tool: LDTNG **Length:** 9.30 **ft. O.D.:** 4.80 **in.**
Sonde ID : LDP-DA-067
Source ID : 2991GW
Pad ID : LDP-DA-067

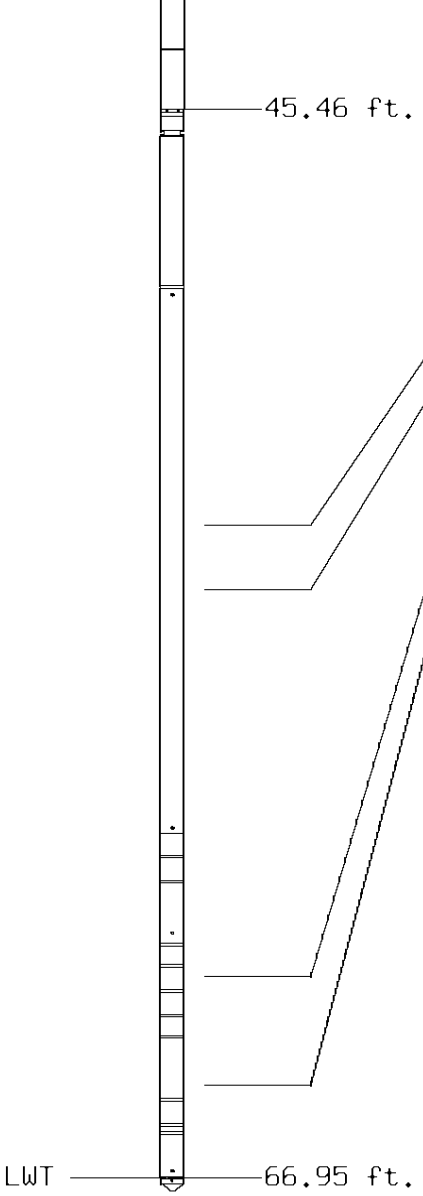
Measure Point	Stack Offset	Tool Offset	Bottom Offset
CLLD	18.70	6.00	48.25
PEL	19.70	7.00	47.25
PES	20.10	7.40	46.85
LDEN	19.70	7.00	47.25
LCOR	19.70	7.00	47.25

Tool: MST **Length:** 9.66 **ft. O.D.:** 6.00 **in.**
Sonde ID : MST_DA-_029

Measure Point	Stack Offset	Tool Offset	Bottom Offset
MSFL	29.60	7.60	37.35
CLMR	29.60	7.60	37.35
MSFN	29.60	7.60	37.35
MSFI	29.60	7.60	37.35

Tool: CST **Length:** 13.80 **ft. O.D.:** 3.60 **in.**
Sonde ID : CST-AD-38

Measure Point	Stack Offset	Tool Offset	Bottom Offset
TT1	36.46	4.80	30.49
TT3	37.46	5.80	29.49
CDT	38.96	7.30	27.99
TT4	40.46	8.80	26.49
TT2	41.46	9.80	25.49



Tool: PIT **Length:** 21.49 **ft. O.D.:** 3.62 **in.**
Sonde ID : PIT-BA-20

Measure Point	Stack Offset	Tool Offset	Bottom Offset
ILD	54.38	8.92	12.56
ILM	55.56	10.10	11.39
SFLU	62.95	17.49	4.00
SP	66.06	20.60	0.88

CALIPER MICRO
INCHES (IN)
16 26
6 16

BIT SIZE
INCHES (IN)
6 16

NEUTRON (Y) CALIPER
INCHES (IN)
16 26
6 16

DENSITY (X) CALIPER
INCHES (IN)
16 26
6 16

TENSION
LBS
10000 0

NORMAL
OHMM
0 20

INVERSE
OHMM
0 20

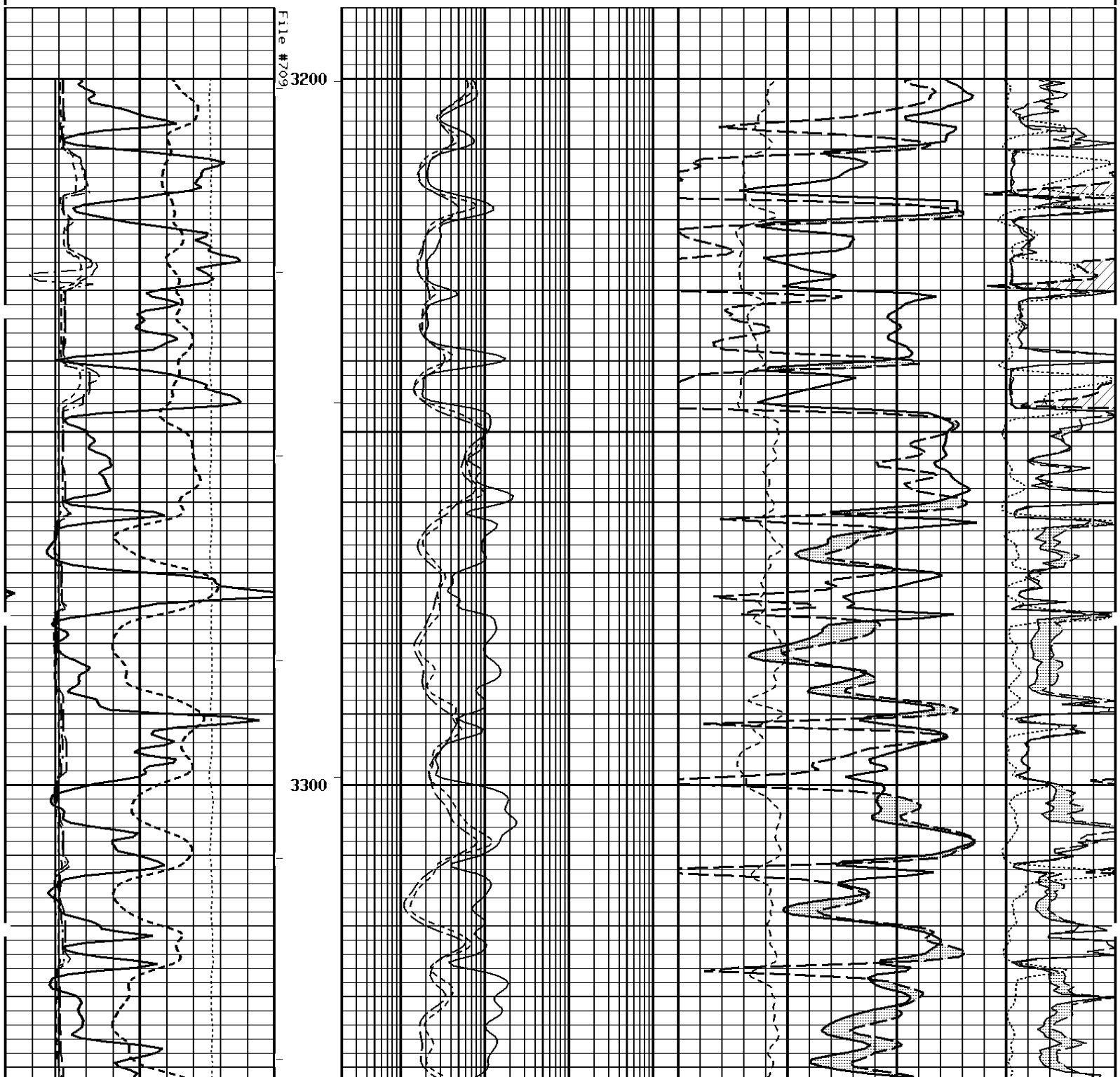
DENSITY POROSITY (2.71g/cc)
PERCENT
70 30
30 -10
-10 -50

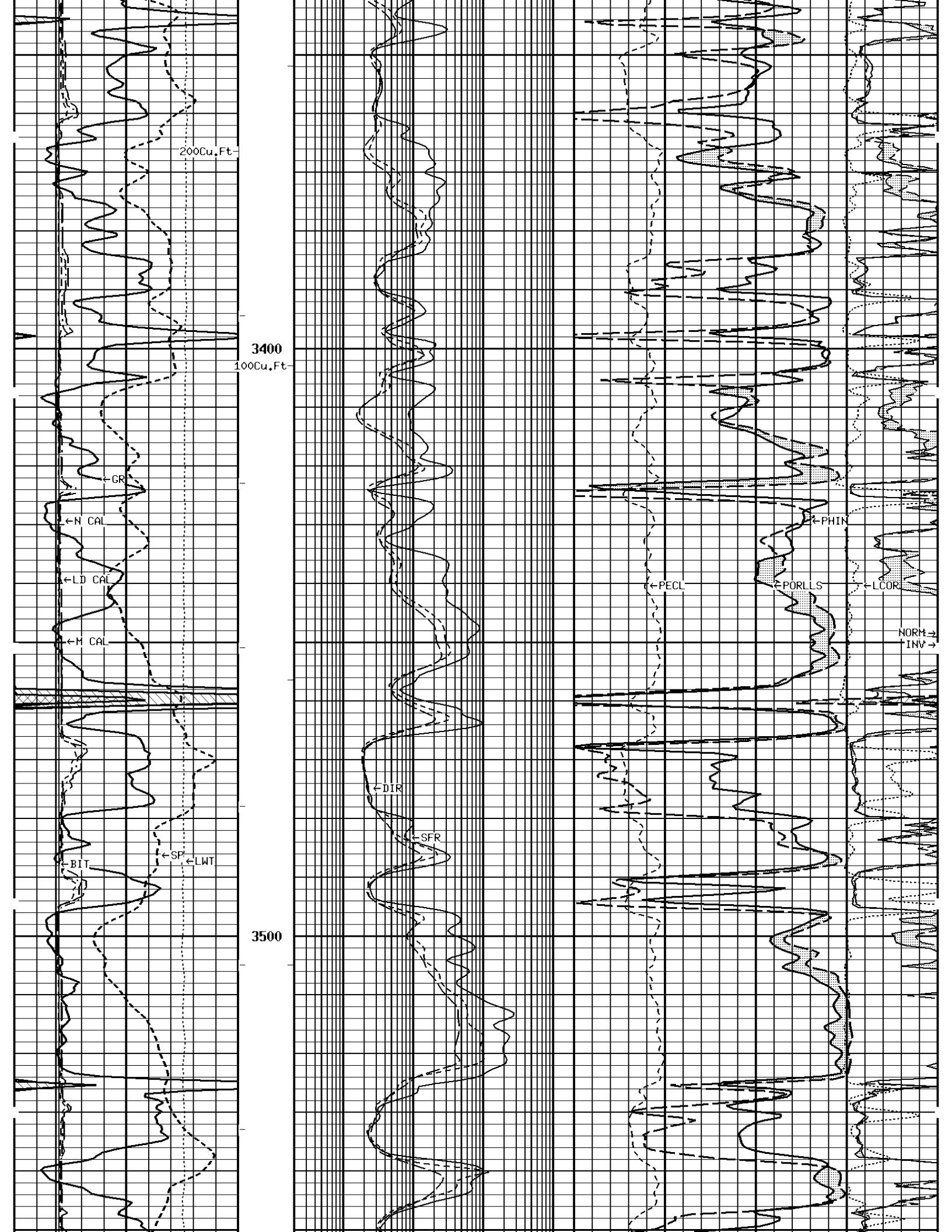
SHALLOW FOCUSED RESISTIVITY
OHMM
0.2 2000.0

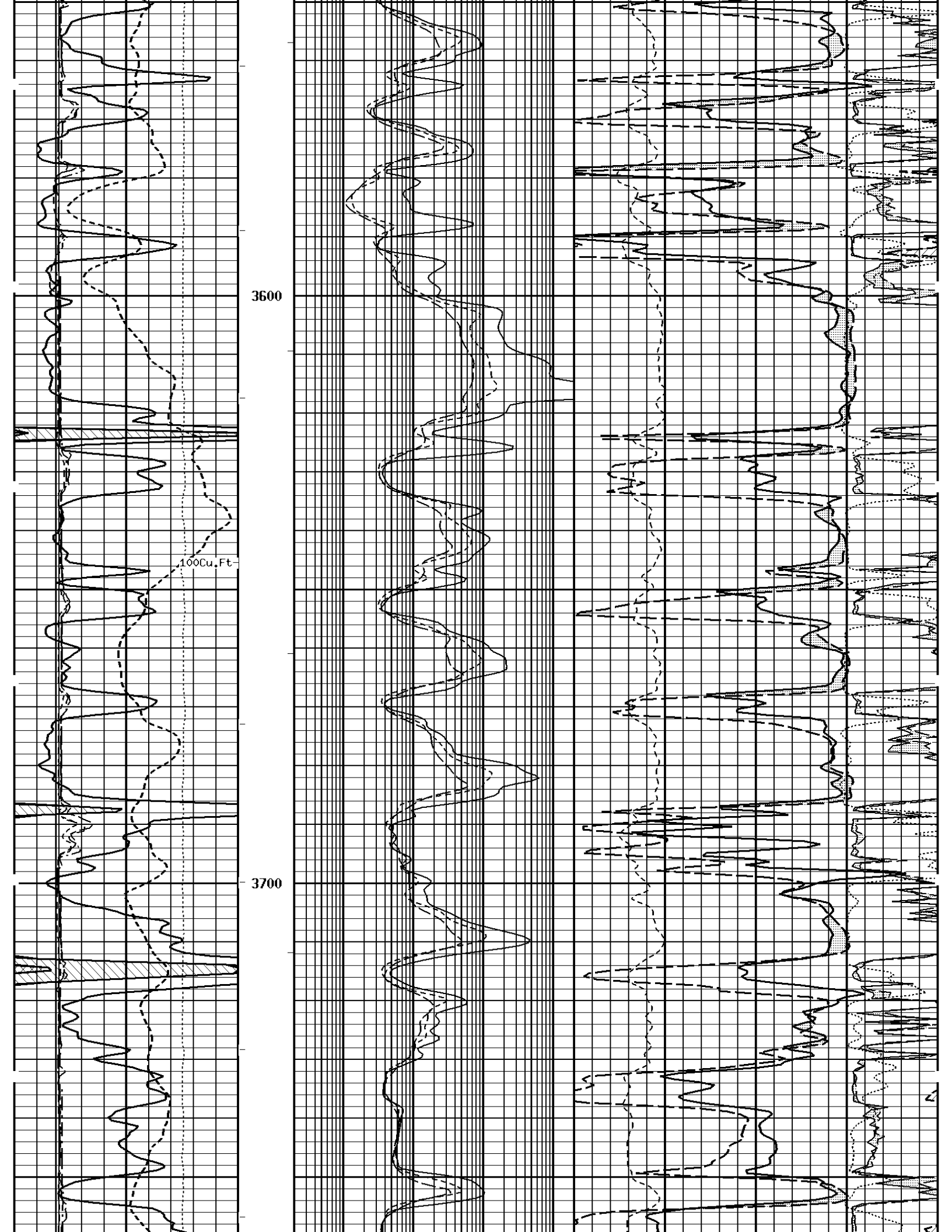
NEUTRON POROSITY (LIMESTONE)
PERCENT
70 30
30 -10

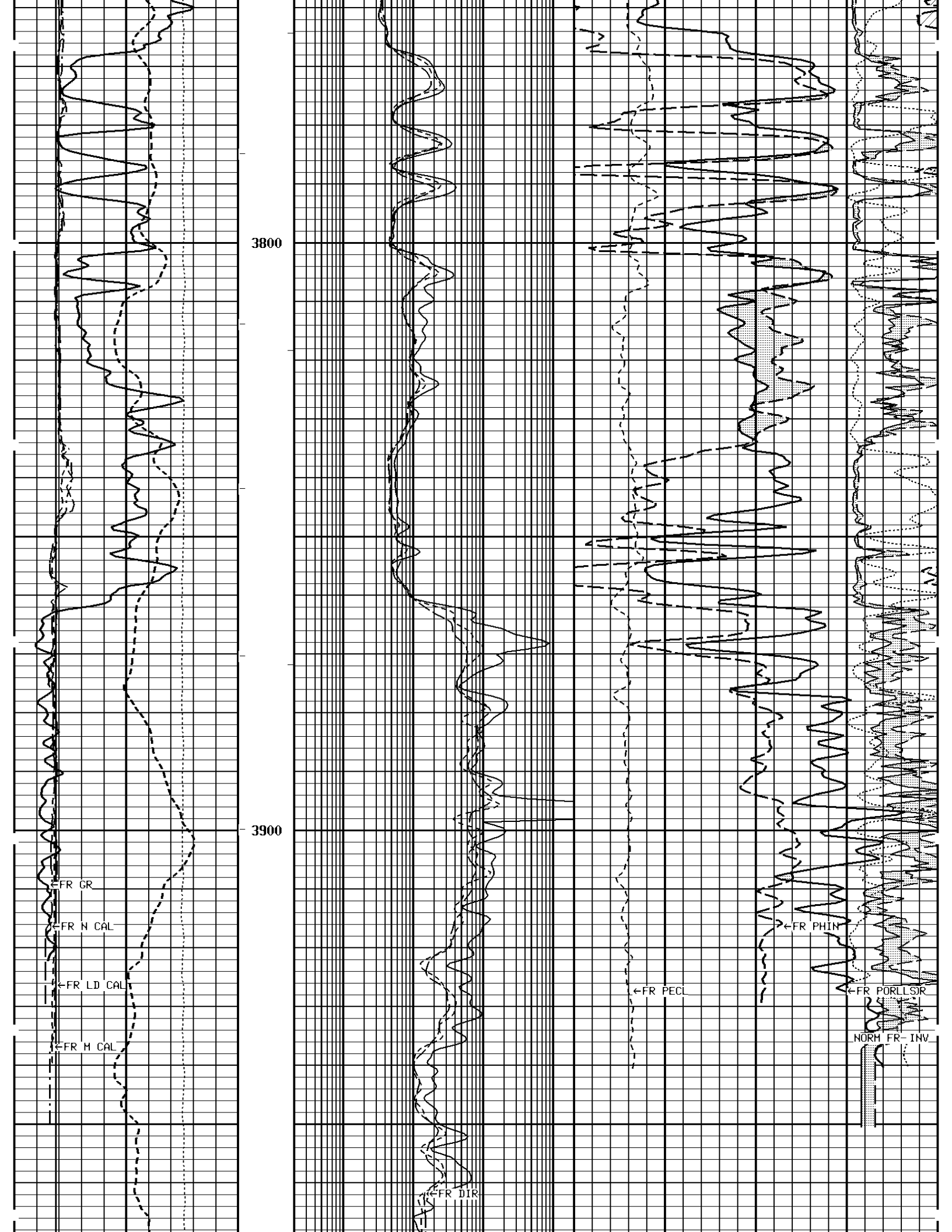
		−10	−50
SPONTANEOUS POTENTIAL mV → ← 20		DEEP INDUCTION OHMM 0.2 2000.0	DENSITY CORRECTION G/CC −0.75 0.25
GAMMA RAY API UNITS 150 300 0 150	-BHV AHV- CU.FT	MEDIUM INDUCTION OHMM 0.2 2000.0	PE CROSS-SECTION BARNS/ELECTRON 0 20

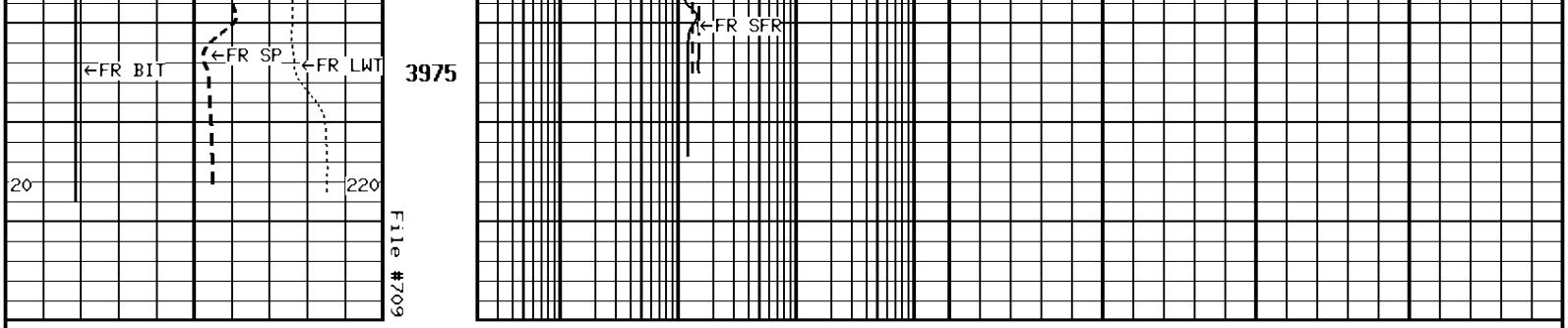
1:240 SECTION




200Cu.Ft
3400
100Cu.Ft
←GR
←N CAL
←LD CAL
←M CAL
←BIT
←SP
←LWT
←DIR
←SFR
←PECL
←PORLLS
←PHIN
←LCOR
NORM→
INV→
3500


3600
100Cu.Ft
3700


3800
3900
←FR GR
←FR N CAL
←FR LD CAL
←FR M CAL
←FR DIR
←FR PECL
←FR PHIN
←FR PORLLSJR
NORM FR- INV



1:240 SECTION

GAMMA RAY API UNITS	-BHV AHV- CU.FT	MEDIUM INDUCTION OHMM	PE CROSS-SECTION BARNS/ELECTRON
150 300 0 150		0.2 2000.0	0 20
SPONTANEOUS POTENTIAL mV		DEEP INDUCTION OHMM	DENSITY CORRECTION G/CC
→| |← 20		0.2 2000.0	-0.75 0.25
TENSION LBS		SHALLOW FOCUSED RESISTIVITY OHMM	NEUTRON POROSITY (LIMESTONE) PERCENT
10000 0		0.2 2000.0	70 30 30 -10 -10 -50
DENSITY (X) CALIPER INCHES (IN)			DENSITY POROSITY (2.71g/cc) PERCENT
16 26 6 16			70 30 30 -10 -10 -50
NEUTRON (Y) CALIPER INCHES (IN)			INVERSE OHMM
16 26 6 16			0 20
BIT SIZE INCHES (IN)			NORMAL OHMM
6 16			0 20
CALIPER MICRO INCHES (IN)			
16 26 6 16			

* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 F

Matrix Density	2.71	G/C3
Fluid Density	1.00	G/C3
Formation Matrix	Limestone	
Drill Bit Size	7.875	IN
Production Casing Diameter	5.500	IN
Casing Thickness	0.250	IN
Casing Correction (PHI N)	Disable	
Hole Substance	Fluid	

Hole Substance	Fluid	
BHT Depth	3975.000	F
Borehole Temperature	116.0	DEGF
Temperature Gradient	1.00	DFHF
Resistivity Of Mud	0.75	OHMM
Resistivity Of Mud Temperature	70.00	DEGF