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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.	051-23651A ✓
2. OTC Prod. Unit No.	
3. Date of Application	6/25/2013

4. Application For (**check one**)

- [X] 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: SHERIDAN PRODUCTION COMPANY, LLC		OTC/OCC No.: 22220-0 ✓	Email: jwilliams@sheridanproduction.com
Address: 9 GREENWAY PLAZA, SUITE 1300			Phone No.: 713-548-1000
City: HOUSTON	State: TEXAS		Zip: 77046
6. Lease Name/Well No.: HOLDER A 3-31 ✓			FAX No.: 713-583-2168
Location within Sec. (1/4 1/4 1/4 1/4): SW/4 NE/4 SW/4 SW/4	Sec. ✓ 31	Twp 05N / Rge 05W ✓	County: GRADY ✓

8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply	VIOLA ✓	BROMIDE ✓	MCLISH ✓
B. Top and bottom of pay section (perforations)	14971-15403 ✓	15655-16133 ✓	16177-16240 ✓
C. Type of production (oil or gas)	OIL	OIL	OIL
D. Method of production (flowing or art. lift)	FLOWING	FLOWING	FLOWING ✓
E. Latest test data by zone (oil, gas, and water)	160 BOPD/1402 MCFD/154 BWPD	160 BOPD/1402 MCFD/154 BWPD	160 BOPD/1402 MCFD/154 BWPD
F. Wellhead or bottom hole pressure	900 psi	900 psi	900 psi ✓
G. Spacing order number and size of unit	✓ 152878/~~152879~~/640 AC	✓ ~~152878~~/152879/640 AC	✓ 152878/~~152879~~/640 AC
H. Increased density order number	✓ ~~599251~~/609441	✓ 599251/~~609441~~	~~599251/609441~~
I. Location exception order number and penalty	609414 ✓	609414 ✓	609414 ✓

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.

SEE ATTACHMENT ✓

Oklahoma Corporation Commission
Oil & Gas Division
Approved

10. The operators listed above have been notifed and furnished a copy of this application. [X] 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) [X] Oil ✓ [ ] Gas

12. ATTACH THE FOLLOWING:
A. Correlation log section (porosity, resistivity, or gamma ray) with top and bottom of perforated inverVals 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
JUN 28 2013
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.

Joyce A. Williams	REGULATORY TECH	713-548-1070
Signature	Title	Phone (AC/NO)

OCC USE ONLY

S.A

Staff Signature	Phone No.	Date: 7,13,13	[X] Approved [ ] Rejected

98

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G. Spacing order number and size of unit	152878/640 AC	152879/640 AC	152878/640 AC
H. Increased density order number	609441	599251	NA
I. Location exception order number and penalty	609414	609414	609414

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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.

Joyce A. Williams
Signature

REGULATORY TECH
Title

713-548-1070
Phone (AC/NO)

OCC USE ONLY

Staff Signature ____ Phone No. ____ Date ____ [ ] Approved [ ] Rejected

Sheridan Production

9 Greenway Plaza, Suite 1300
Houston, TX 77046

Lease:	Holder A 3-31
Field:	Chitwood
KB:	
GL:	
Legals:	
STR:	31-5N-5W
AFE:	1500002561
API:	
Parish:	Grady
State:	Oklahoma
Latitude:	
Longitude:	

Size	Weight	Grade	Thread	Top	Depth	ID	Drift	Collapse	Burst	BBL/FT
9 5/8"	36.00#	J-55	LTC	0'	1,885'	8.921"	8.765"	2,020	3,520	0.0773
7"	26.00#	P-110	LTC	0'	13,570'	6.276"	6.151"	6,210	9,960	0.0382
4 1/2" Liner	15.10#	P-110	LTC	13,204'	16,501'	3.826"	3.701"	14,320	14,420	0.0142
4 1/2" TB	15.10#	P-110	LTC	0	13,204'	3.826"	3.701"	14,320	14,420	0.0142

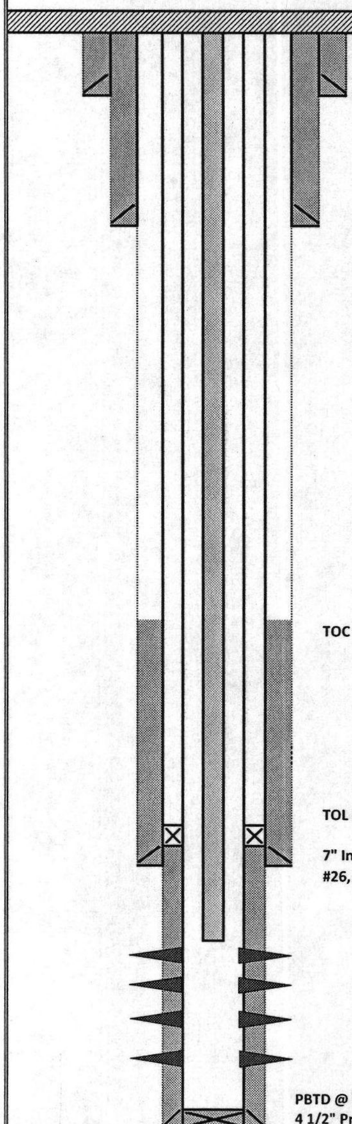
TUBING INFORMATION

Size	Weight	Grade	Thread	Depth	ID	Drift	Collapse	Burst	BBL/ft
2 3/8"	4.70#	P-110	EUE	14,950'	1.995"	1.901"	13,800	15,400	0.0039

Directions

MISC

Spud Date	12/11/2012
Rig Release	3/9/2013
Total Depth	16,501'
PBTD	16,259'



Stage 4: Viola
Perforations:
15,376' - 15,403' @ 2 spf = 54 holes
15,265' - 15,273' @ 2 spf = 16 holes
14,971' - 14,985' @ 2 spf = 34 holes
Stimulation:
0 Klbs prop, 59 bbls 20% NEFE Acid, 3,533 bbls load fluid, 9,302 avg psi, FG = Screen Out

Stage 3: 1st & 2nd Bromide
Perforations:
15,826' - 15,848' @ 2 spf = 44 holes
15,797' - 15,806' @ 2 spf = 18 holes
15,811' - 15,824' @ 2 spf = 26 holes
15,797' - 15,806' @ 2 spf = 18 holes
15,774' - 15,795' @ 2 spf = 42 holes
15,760' - 15,768' @ 2 spf = 16 holes
15,736' - 15,756' @ 2 spf = 40 holes
15,697' - 15,734' @ 2 spf = 74 holes
15,655' - 15,689' @ 2 spf = 68 holes
Stimulation:
0 Klbs prop, 816 bbls 7.5% NEFE Acid, 2,443 bbls load fluid, 7,568 avg psi, 450 bio-balls for diversion
FG = 0.83 psi/ft

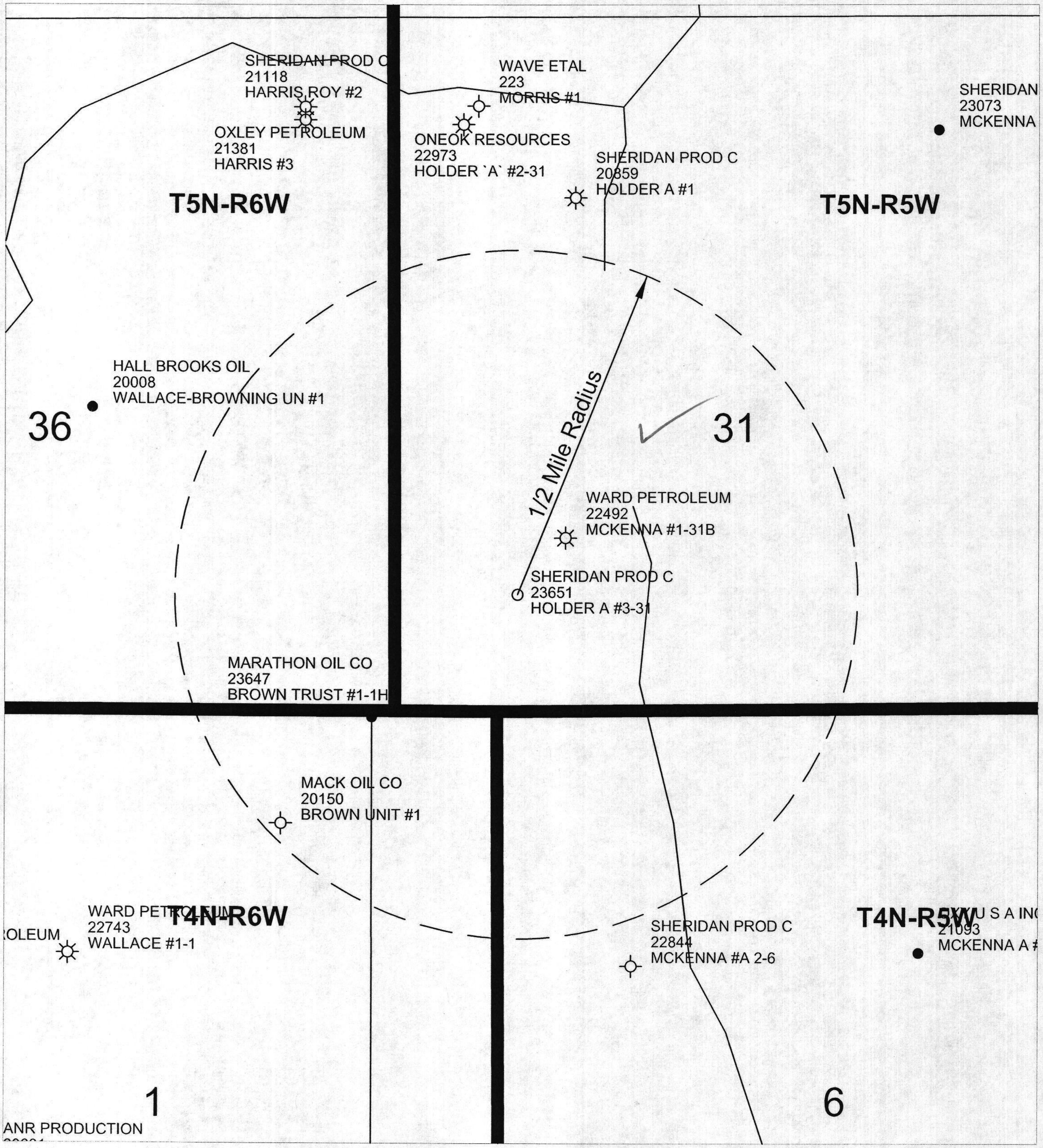
Stage 2: 3rd Bromide
Perforations:
16,118' - 16,133' @ 2 spf = 30 holes
16,056' - 16,080' @ 2 spf = 48 holes
15,998' - 16,038' @ 2 spf = 80 holes
15,955' - 15,998' @ 2 spf = 86 holes
Stimulation:
0 Klbs prop, 545 bbls 7.5% NEFE Acid, 2,032 bbls load fluid, 6,935 avg psi
FG = 0.79 psi/ft

Stage 1: McLish
Perforations:
16,221' - 16,240' @ 2 spf = 38 holes
16,208' - 16,214' @ 2 spf = 12 holes
16,198' - 16,204' @ 2 spf = 12 holes
16,177' - 16,194' @ 2 spf = 34 holes
Stimulation:
0 Klbs prop, 238 bbls 7.5% NEFE Acid, 980 bbls load fluid, 7,627 avg psi
FG = 0.82 psi/ft

NOTES:

Sidetracked - Original hole to 14,907', PB to 13,590 & drill to TD @ 16,500'

Updated: 6/18/2013 F. Belveal



SHERIDAN

Sheridan Production Company, LLC
9 Greenway Plaza Suite 1300
Houston, Texas 77046

Chitwood Field

Grady County, Oklahoma

Holder 03-31 Plat

500 0 500 1000
Feet

Drawing: Grady County
Layout: Holder 03-31
For: WV/lms
Date: 06/25/2013

I certify that this plat is true and correct to the best of my knowledge: ______________________

Joyce Williams

FORM 1023 – ATTACHMENT

LEASE NAME/NO.: HOLDER A 3-31 – API: 051-23651A

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

WARD PETROLEUM	BOX 1187, 502 S. FILLMORE	ENID, OK 73702
MARATHON OIL CORPORATION CORPORATE HEADQUARTERS	5555 SAN FELIPE STREET	HOUSTON, TX 77056-2723
MACK ENERGY CO.	1202 N 10^{TH}	DUNCAN, OK 73533

HALLIBURTON

SPECTRAL DENSITY
DUAL SPACED NEUTRON
MICROLOG

COMPANY	WELL	FIELD	COUNTY	STATE
SHERIDAN	HOLDER A 3-31	SOUTHEAST ALEX	GRADY	OKLAHOMA

COMPANY **SHERIDAN**

WELL **HOLDER A 3-31** TOPS

FIELD **SOUTHEAST ALEX**

COUNTY **GRADY** STATE **OKLAHOMA**

API No. 35-051-23651

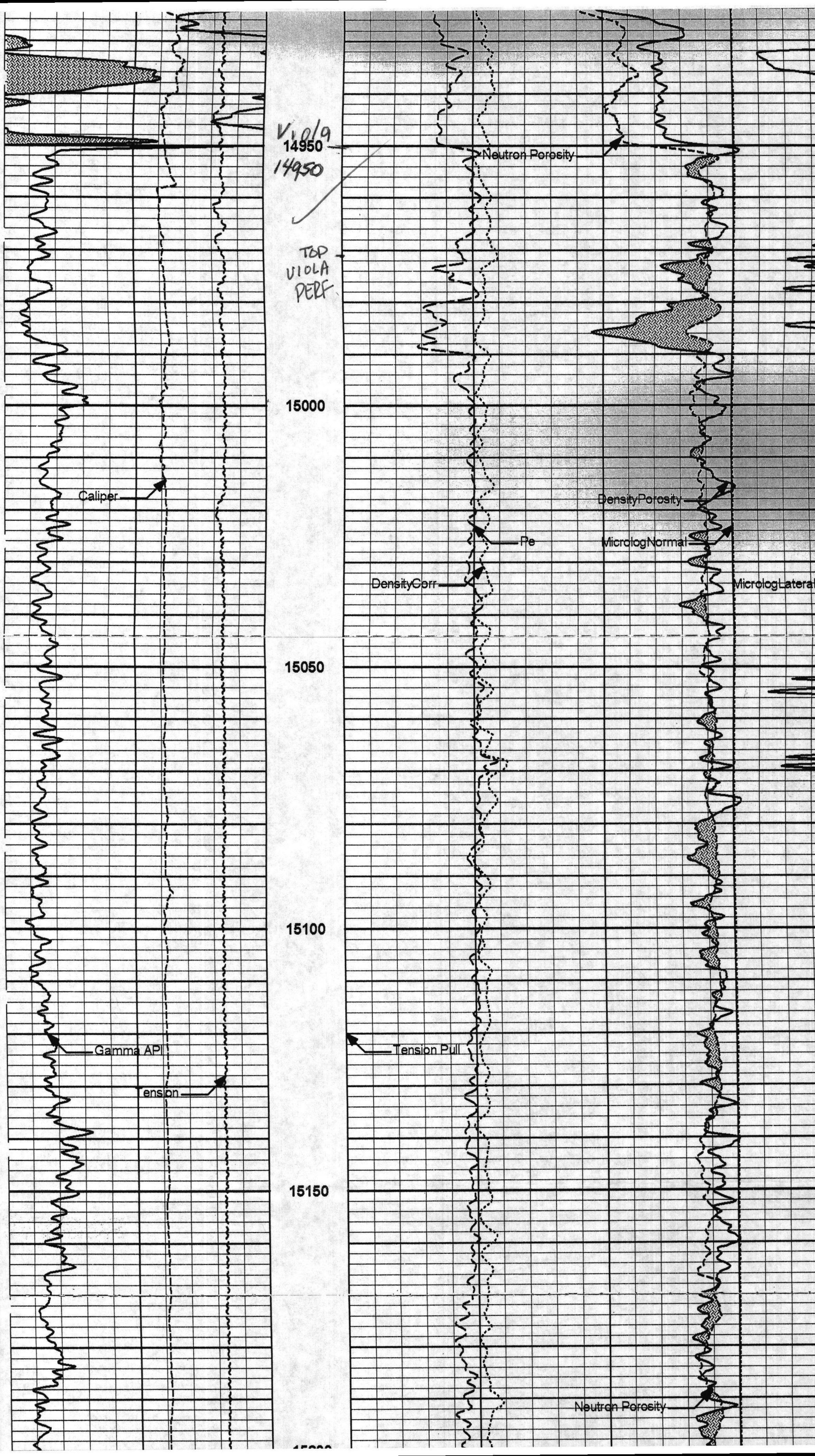
Location 889' FSL & 950' FWL

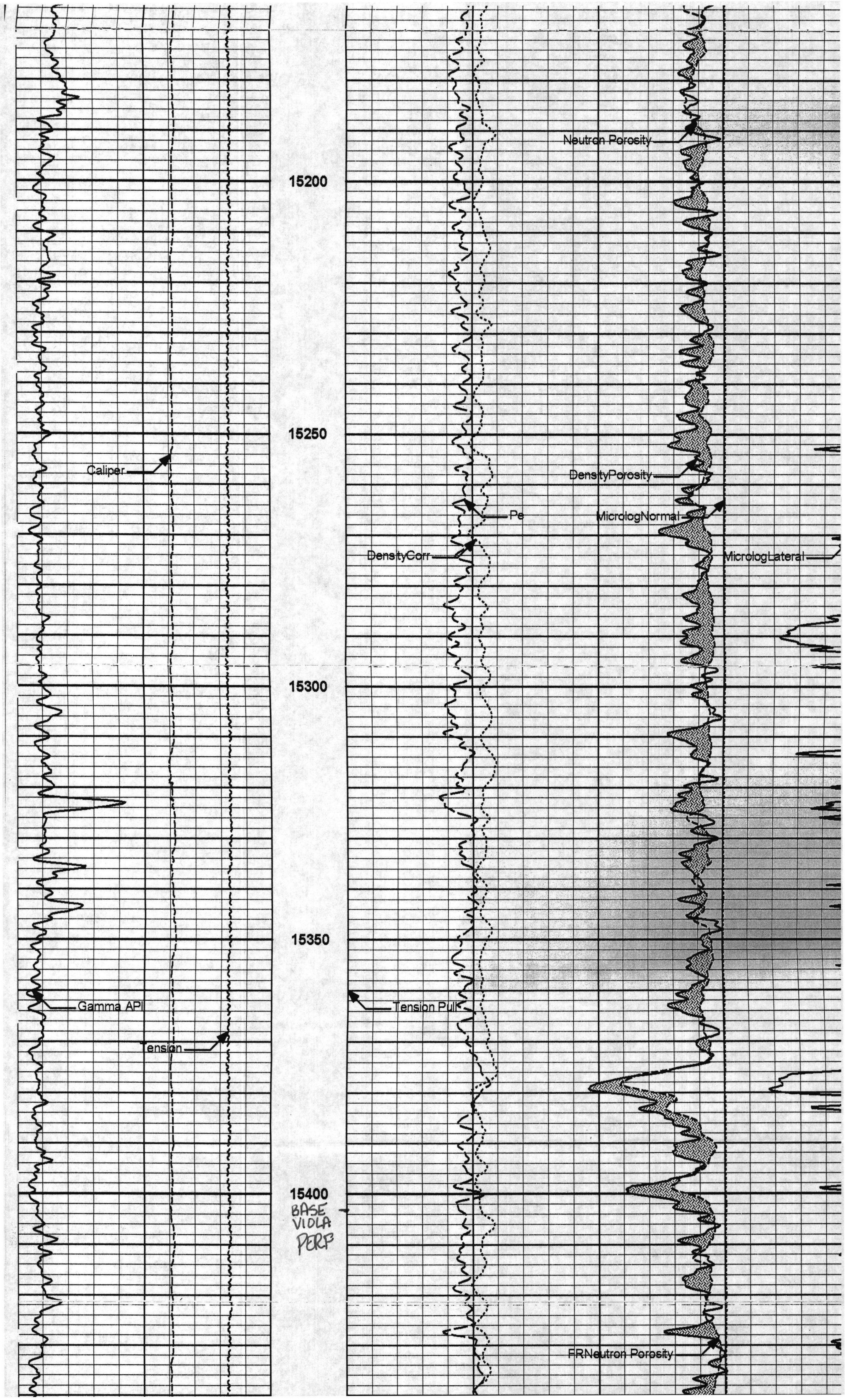
Other Services:
BSAT
ACRT

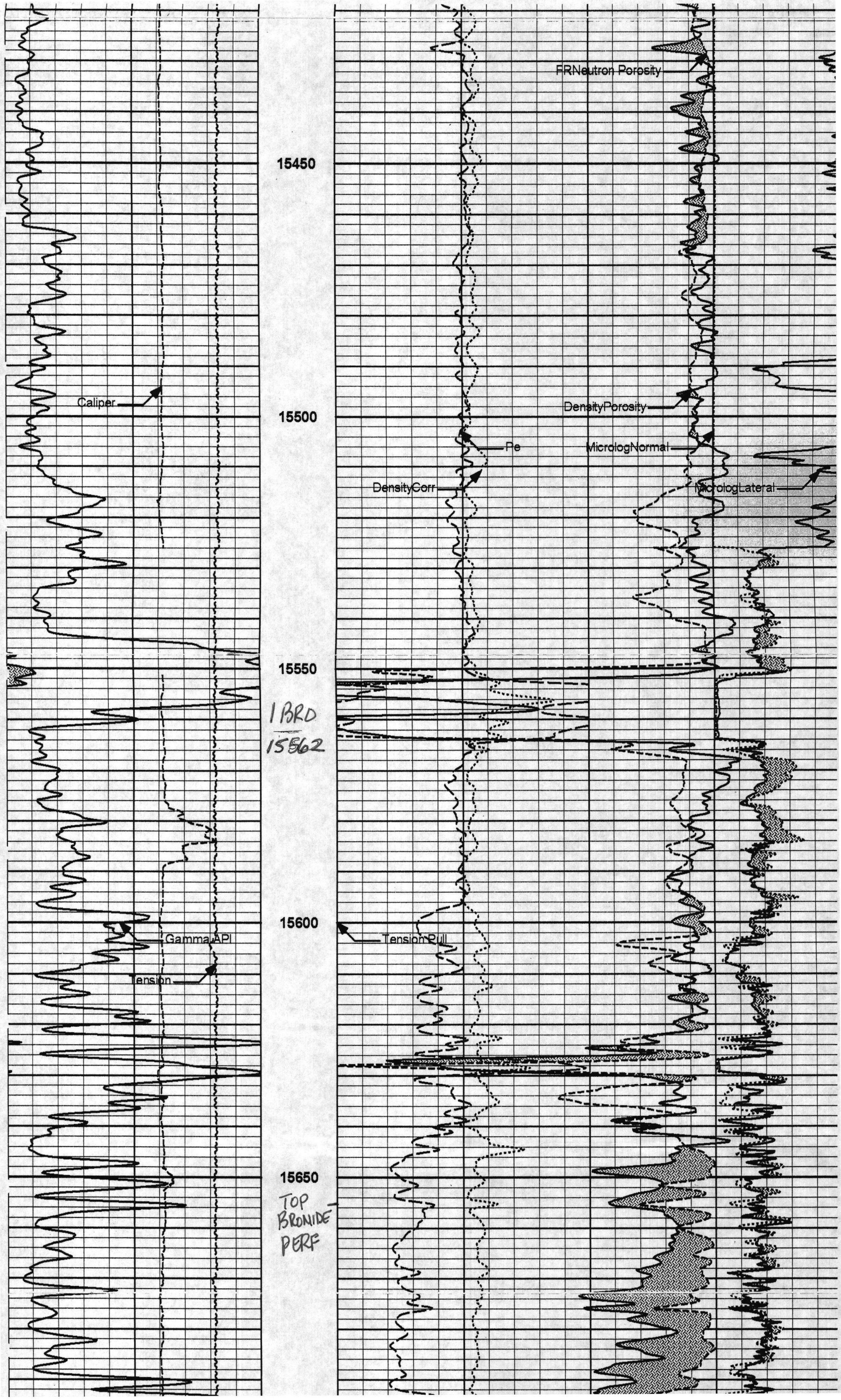
Sect. 31 Twp. 5N Rge. 5W

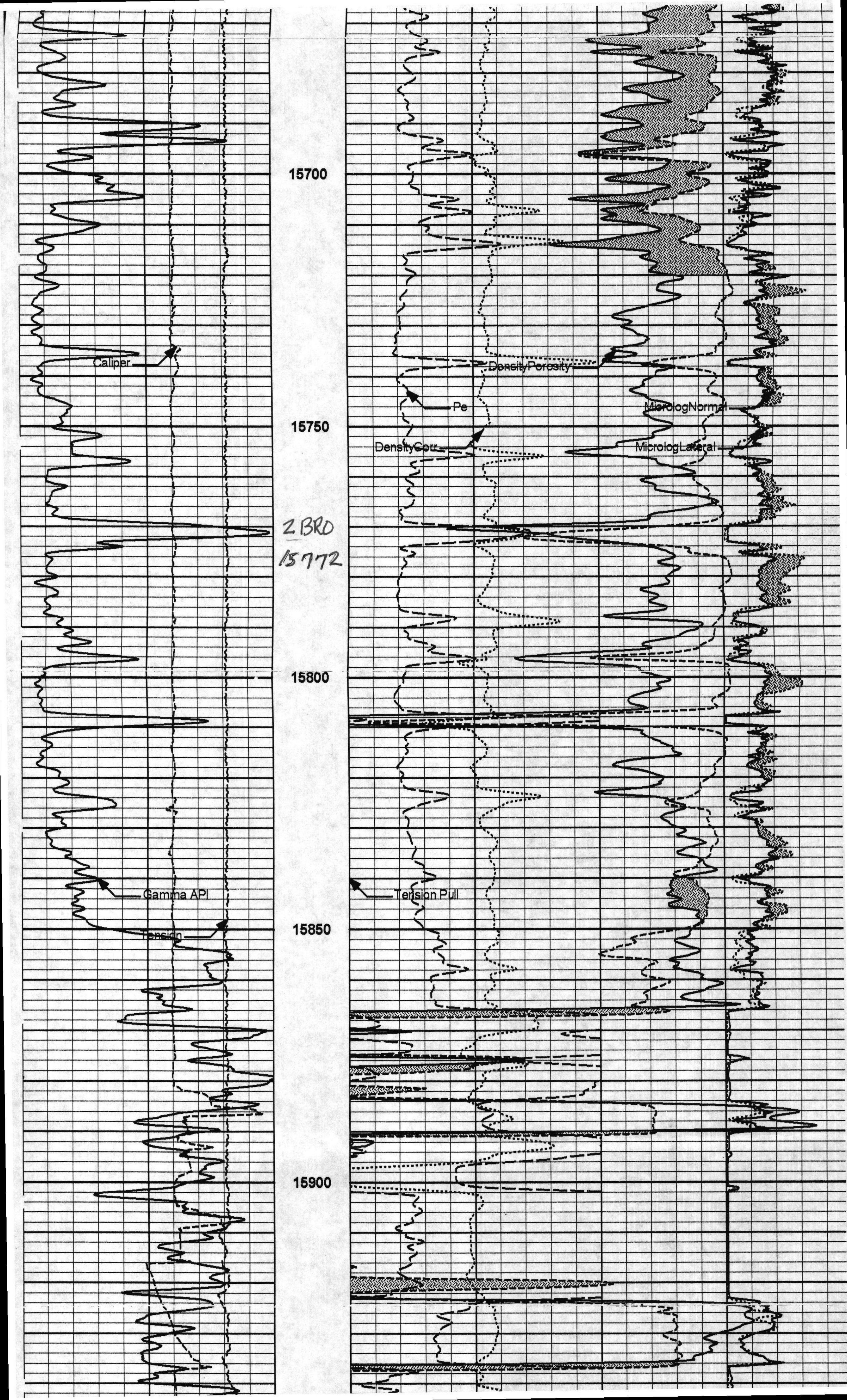
Permanent Datum	GL	Elev. 1121.0 ft	Elev.: K.B. 1147.0 ft
Log measured from	KB	26.0 ft above perm. Datum	D.F. 1147.0 ft
Drilling measured from	KB		G.L. 1121.0 ft

Date	03-Mar-13		
Run No.	ONE		
Depth - Driller	16501.00 ft		
Depth - Logger	16500.0 ft		
Bottom - Logged Interval	16500 ft		
Top - Logged Interval	6000 ft		
Casing - Driller	7.000 in @ 13565.0 ft	@	@
Casing - Logger	13527.0 ft		
Bit Size	6.125 in	@	@
Type Fluid in Hole	WATER BASED		
Density / Viscosity	11.6 ppg / 75.00 s/qt		
PH / Fluid Loss	10.50 pH / 2.2 cptm		
Source of Sample	FLOW LINE		
Rm @ Meas. Temperature	0.320 ohmm @ 80.00 degF	@	@
Rmf @ Meas. Temperature	0.32 ohmm @ 75.00 degF	@	@
Rmc @ Meas. Temperature	0.400 ohmm @ 75.00 degF	@	@
Source Rmf / Rmc	CALC / CALC		
Rm @ BHT	0.13 ohmm @ 210.0 degF	@	@
Time Since Circulation	15.0 hr		
Time on Bottom	03-Mar-13 00:49		
Max. Rec. Temperature	210.0 degF @ 13500.0 ft	@	@
Equipment / Location	10549592 / PVOK		
Recorded By	JEREMY COTHREN		
Witnessed By	FON JENSON		


Viola
14950
14950
Neutron Porosity
TOP
VIOLA
PERF
15000
Caliper
DensityPorosity
Pe
MicrologNormal
DensityCorr
MicrologLateral
15050
15100
Gamma API
Tension Pull
Tension
15150
Neutron Porosity


15200
15250
15300
15350
15400
BASE VIOLA PERF
Neutron Porosity
Caliper
DensityPorosity
Pe
MicrologNormal
DensityCorr
MicrologLateral
Gamma API
Tension Pull
Tension
FRNeutron Porosity


FRNeutron Porosity
15450
Caliper
DensityPorosity
15500
Pe
MicrologNormal
DensityCorr
MicrologLateral
15550
1 BRD
15562
15600
Gamma API
Tension Pull
Tension
15650
TOP BROMIDE PERF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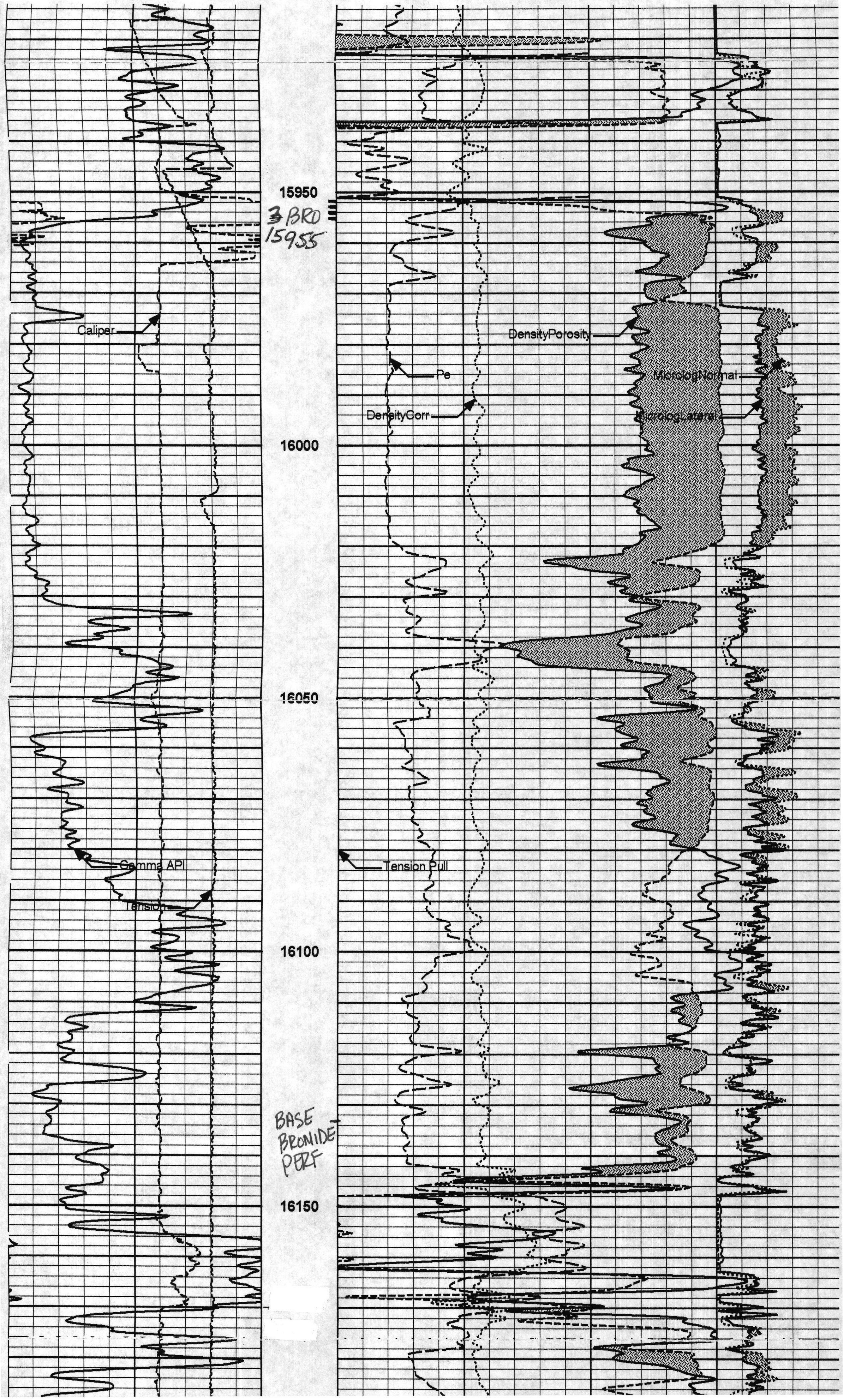
Caliper
DensityPorosity
Pe
MicrologNormal
15750
DensityCorr
MicrologLateral
2 BRD
15772
15800
Gamma API
Tension Pull
Tension
15850
15900


15950
3 BRD
15955
Caliper
DensityPorosity
Pe
MicrologNormal
DensityCorr
MicrologLateral
16000
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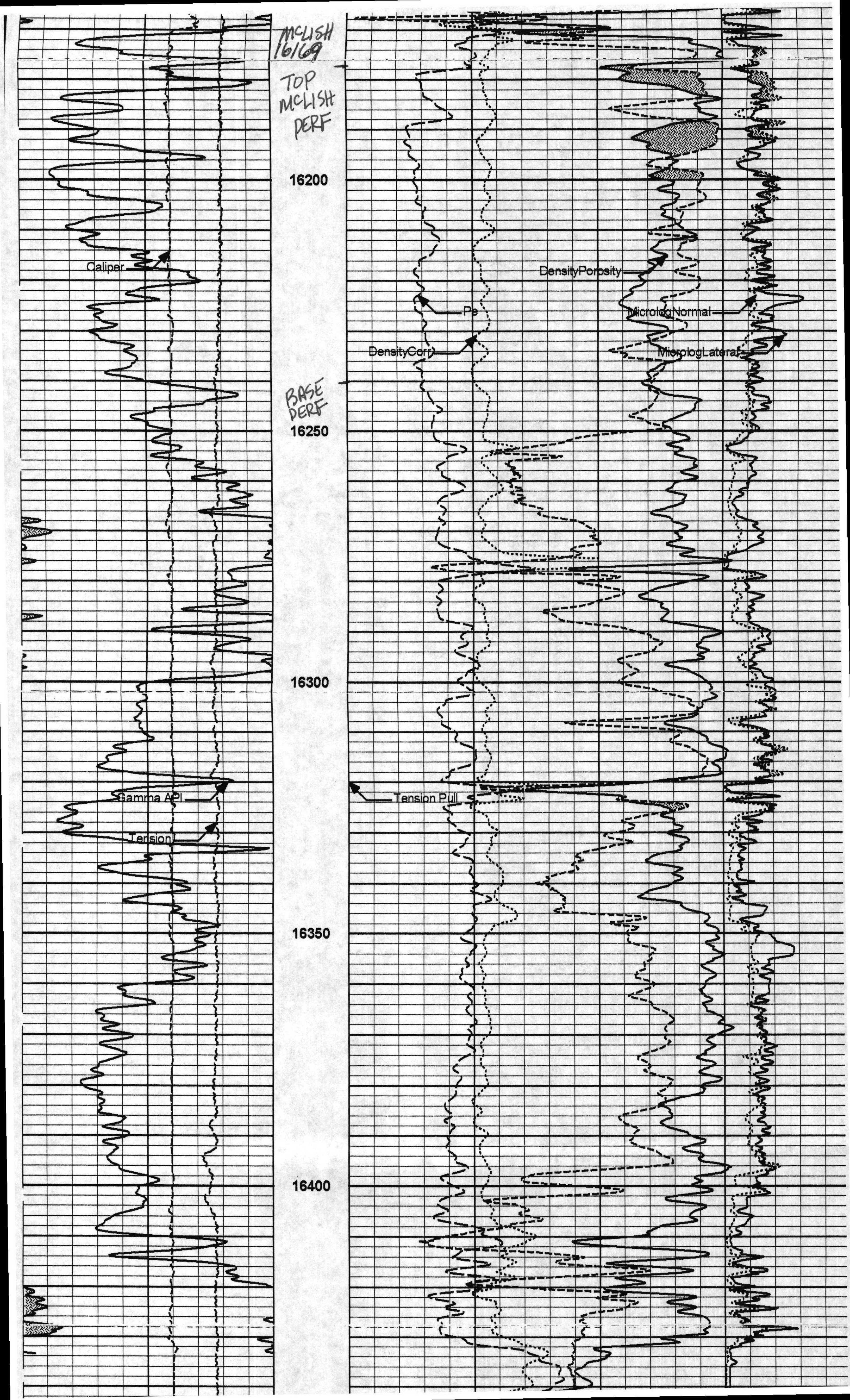
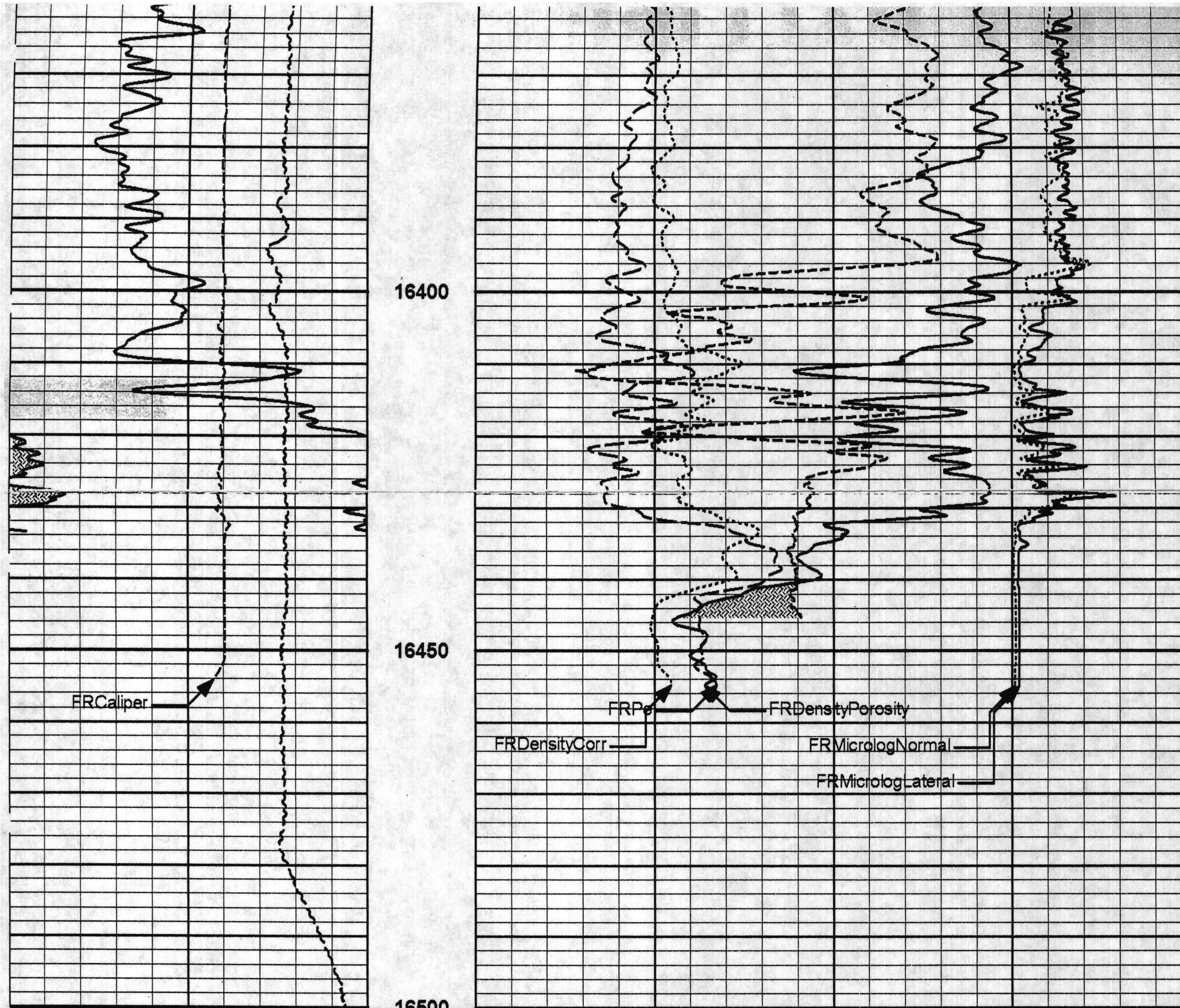
Gamma API
Tension Pull
Tension
16100
BASE
BROMIDE
PERF
16150


McLISH
16169
TOP
McLISH
PERF
16200
Caliper
DensityPorosity
Pe
MicrologNormal
DensityCorr
MicrologLateral
BASE
PERF
16250
16300
Gamma API
Tension Pull
Tension
16350
16400



0	Caliper inches	10	
0	Gamma API api	150	
15K	Tension pounds	5K	

1 : 240
ft

Tension Pull
10 0

0	Pe	10	
-0.25	DensityCorr gram per cc	0.25	
30	DensityPorosity percent	-10	
30	Neutron Porosity percent	-10	

0 MicrologLateral 20
ohm-metre

Plot Time: 03-Mar-13 11:10:50
Plot Range: 6000 ft to 16500.3 ft
Data: {ActiveWell}\Well Based*\
Plot File: \\(not saved)\1_PoroMicro_5_mainx