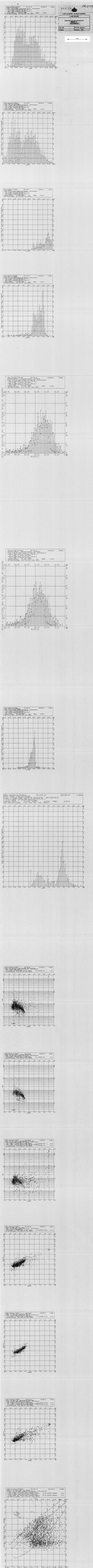
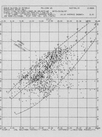
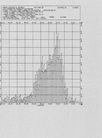
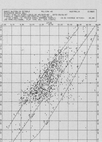
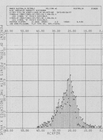

AMOCO AUSTRALIA PETROLE
PELICAN #1
AUSTRALIA
219820
1 cm

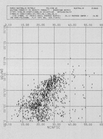


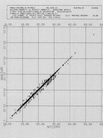




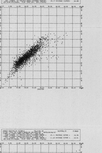


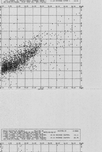


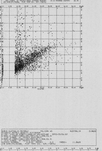


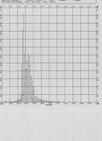




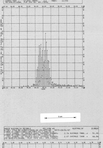


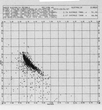


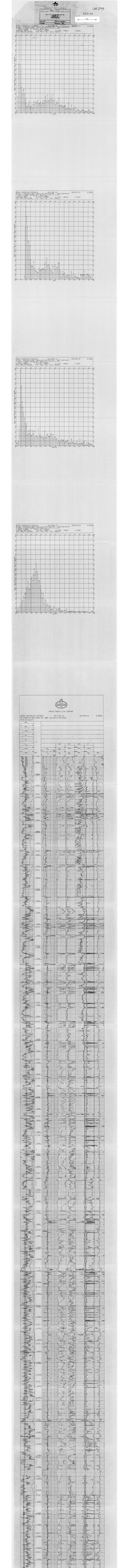


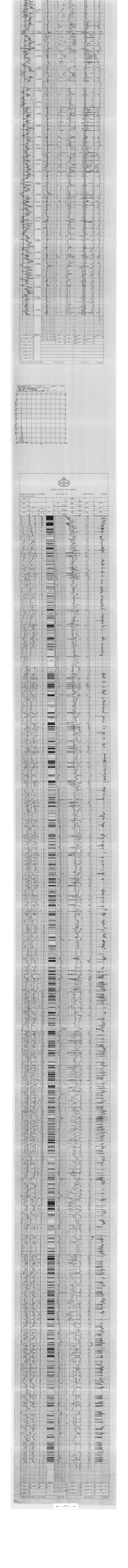




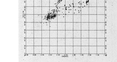


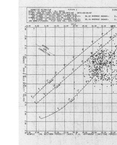


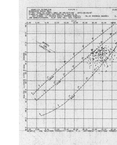


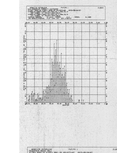


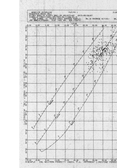


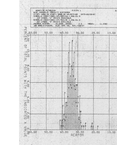


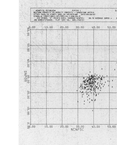


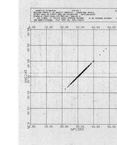




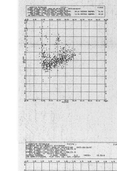




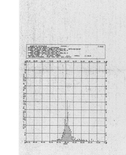


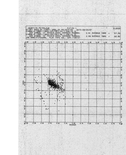






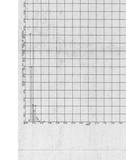


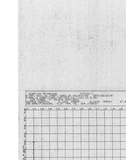


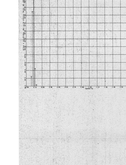




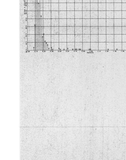




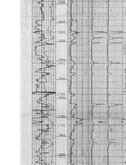


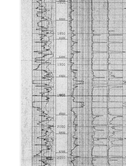








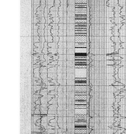


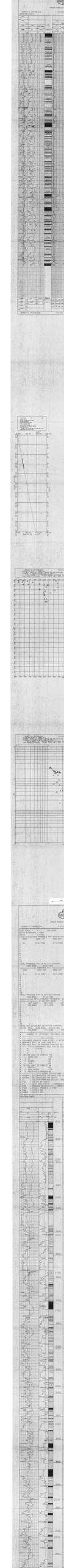


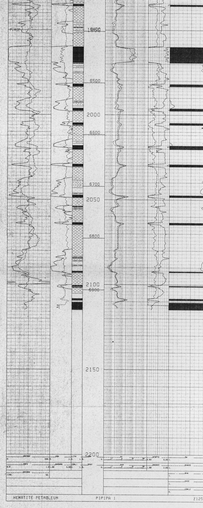






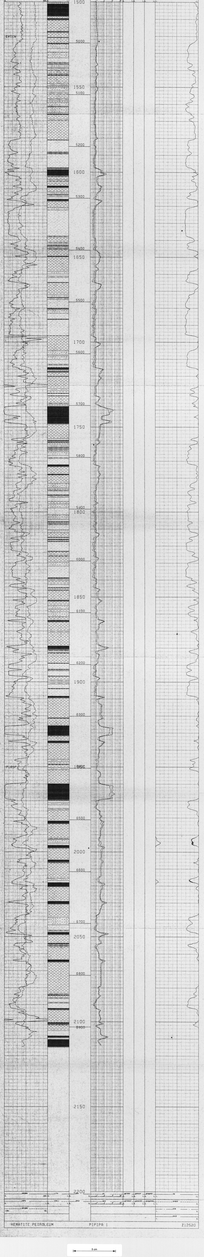



ARGO PRODUCTION COMPANY
ARGOSYS PETROLEUM
PLATFORM A
PLAT. SLOT A - X, Y: 500,2000
WATER DEPTH: 1,000 FT
DRILL RIG: SEMI-SUBMERSIBLE
ZONE
ZONE TOP
ZONE BAT
OIL
FEET
GAS
FEET
Ro:
2134.7500
2174.9000
TOTAL POSSIBLE PAY IN NOTICE INTERVAL
POSSIBLE PAY: 39.1500
ARGO PRODUCTION COMPANY
ARGOSYS PETROLEUM
PLATFORM A
PLAT. SLOT A - X, Y: 500,2000
WATER DEPTH: 1,000 FT
DRILL RIG: SEMI-SUBMERSIBLE
ZONE
ZONE TOP
ZONE BAT
OIL
FEET
GAS
FEET
Ro:
2134.7500
2174.9000
TOTAL POSSIBLE PAY IN NOTICE INTERVAL
POSSIBLE PAY: 39.1500
ARGO PRODUCTION COMPANY
ARGOSYS PETROLEUM
PLATFORM A
PLAT. SLOT A - X, Y: 500,2000
WATER DEPTH: 1,000 FT
DRILL RIG: SEMI-SUBMERSIBLE
ZONE
ZONE TOP
ZONE BAT
OIL
FEET
GAS
FEET
Ro:
2134.7500
2174.9000
TOTAL POSSIBLE PAY IN NOTICE INTERVAL
POSSIBLE PAY: 39.1500
ARGO PRODUCTION COMPANY
ARGOSYS PETROLEUM
PLATFORM A
PLAT. SLOT A - X, Y: 500,2000
WATER DEPTH: 1,000 FT
DRILL RIG: SEMI-SUBMERSIBLE
ZONE
ZONE TOP
ZONE BAT
OIL
FEET
GAS
FEET
Ro:
2134.7500
2174.9000
TOTAL POSSIBLE PAY IN NOTICE INTERVAL
POSSIBLE PAY: 39.1500
ARGO PRODUCTION COMPANY
ARGOSYS PETROLEUM
PLATFORM A
PLAT. SLOT A - X, Y: 500,2000
WATER DEPTH: 1,000 FT
DRILL RIG: SEMI-SUBMERSIBLE
ZONE
ZONE TOP
ZONE BAT
OIL
FEET
GAS
FEET
Ro:
2134.7500
2174.9000
TOTAL POSSIBLE PAY IN NOTICE INTERVAL
POSSIBLE PAY: 39.1500



HEMPITE PETROLEUM COMPANY

```
HEMPITE PETROLEUM                    FIFIPIN 1                    F1F1920
*****************************************************************************
PLOT SCALE      = 1:   500.0000
DEPTH REFERENCE = MTBF
UNITS           = METRES
*****************************************************************************
        ZONE TOP        ZONE BOT                        NET         NET
                                        PROBABLE PAY POROSITY       SW
ALL             2114.7080       2114.9995
1
2
3
4
5
6
7
8
9
10
TOTAL PROBABLE PAY IN ACTIVE INTERVAL
    ALL 0.2190      2114.7080
*****************************************************************************
        ZONE TOP        ZONE BOT        POSSIBLE PAY  POROSITY       SW
ALL             2114.7080       2114.9995
1
2
3
4
5
6
7
8
9
10
TOTAL POSSIBLE PAY IN ACTIVE INTERVAL
    ALL 0.2190      2114.7080
*****************************************************************************
TOTAL NET & LENTICULAR IN ACTIVE INTERVAL
ACTIVE INTERVAL 2114.7080 - 2114.9995 DEPTH
    ALL 0.2190      2114.7080       206.3270        68.4952         0.5
*****************************************************************************
* ***********************************************************************  *
* SUMMARY OF IMPORTANT PARAMETERS USED WHEN COMPUTED ON THIS PAGE FOR     *
*                                                                         *
* ***********************************************************************  *
*                     PRO GLOBAL PARAMETERS                               *
* DEPTHS USED IN COMPUTING PAY IS METRES                                  *
* PROBABLE PAY ON DEPTHS FROM 000 TO 9999.9999                            *
* POSSIBLE PAY ON DEPTHS FROM 000 TO 9999.9999                            *
* ***********************************************************************  *
*                     PRO PARAMETERS USED FOR SW CALCULATION              *
*  1.  A       0.62000                                                    *
*  2.  M       2.15                                                       *
*  3.  N       2                                                          *
* METHOD USED TO COMPUTE VSH                                              *
*  1.  GAMMA RAY       =VSH                                               *
*  2.  SP              =VSH                                               *
*  3.  NEUTRON         =VSH                                               *
*  4.  DENSITY         =VSH                                               *
* METHOD USED TO COMPUTE SW                                               *
*  1.  ARCHIE          =SW                                                *
*  2.  DUAL WATER      =SW                                                *
*  3.  MODIFIED SIMANDOUX=SW                                              *
* ***********************************************************************  *
* GAMMA & SP CORRECTED FOR HOLE SIZE AND MUDWEIGHT                        *
* SPCORR - SP CORRECTED FOR SHALE                                         *
* SP - SP CORRECTED FOR SHALE & RESISTIVITY TOOL                          *
* VSH - VOLUME OF SHALE                                                   *
* RT1 - DEEP RESISTIVITY - CORRECTED FOR BOREHOLE ENVIRONMENT             *
* RT2 - MEDIUM RESISTIVITY - CORRECTED FOR BOREHOLE ENVIRONMENT           *
* PHIE - PHIE - PHIEW X (1-VSH)                                           *
* SWA - PHIE & SW                                                         *
* SWB - PHIE & SW                                                         *
* ***********************************************************************  *
DATE:04/29/87
```



ARCO
In cooperation with Petroleum Corporation
BASIN
COMPUTER LOG ANALYSIS DISPLAYS
PART-2
PIPIPA-1
Ref. 387 Ref. API RP 40, Appendix F
F. Bates Enclosure 55

02.27

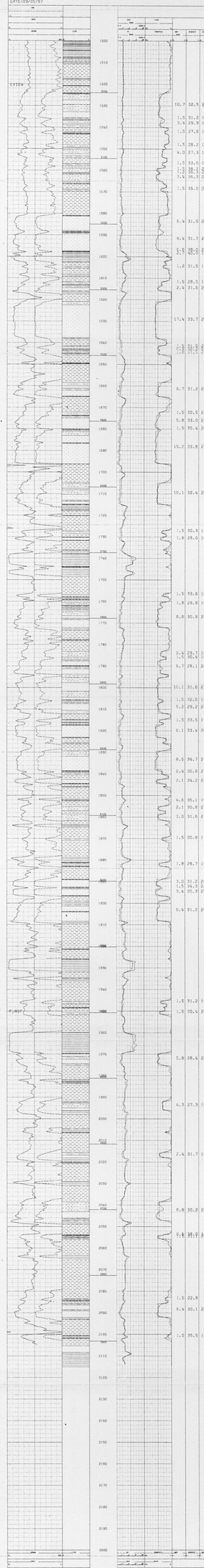
313761



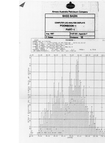
ARCO PRODUCTION COMPANY

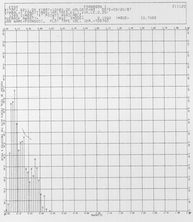
HEMATITE PETROLEUM PIPIPA 1 Z12520

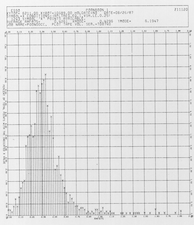
******** RESERVOIR QUALITY PLOT **********
CUTT-SFFS: VSH =< 50%, EFFECTIVE POROSITY >= 15.0000
NET THICKNESS = 219.7638 AUNITS
AVG. EFFEC. POR = 23.8249
DATE-09/05/87

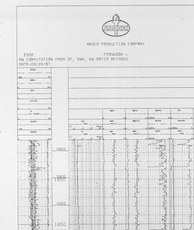


1500			
1510			
1520			
1530	10.7	32.5	23.4
1540	1.5 3.4	31.2 29.3	19.3 18.9
1550	1.5	27.8	12.6
1560	1.5 4.0	28.2 27.3	14.0 17.3
1570	1.5 1.5 1.5 3.4	33.0 32.1 32.1 36.3	17.5 20.1 20.1 26.6
1580	1.5	35.0	20.7
1590	6.4	31.0	22.5
1600	9.4 1.5 1.5	31.7 28.0 28.0	25.2 17.9 17.9
1610	1.2	31.5	15.3
1620	1.5 2.4	28.5 31.6	18.8 22.7
1630	17.4	33.7	28.7
1640	1.5 1.5 1.5	34.6 34.6 34.6	24.9 24.9 24.9
1650			
1660	8.7	31.2	23.6
1670	1.5	30.5	21.5
1680	5.8 1.5	33.0 35.4	27.0 24.8
1690	15.2	33.8	27.7
1700			
1710	10.1	32.4	24.8
1720			
1730	1.5 1.8	30.3 28.0	17.2 16.9
1740			
1750			
1760	1.5 1.8	33.6 29.8	15.4 19.2
1770	6.8	30.9	24.2
1780			
1790	2.4 1.5 6.7	28.7 30.4 28.1	18.2 18.8 20.2
1800	10.1	31.6	23.8
1810	1.5 5.2	32.8 29.2	19.9 22.1
1820	1.5 6.1	33.5 33.4	19.8 26.3
1830			
1840	8.5 2.4	34.7 30.8	27.1 21.1
1850	2.1	34.2	23.9
1860	4.8 2.1	35.1 30.8	14.8 21.5
1870	3.0 1.5	31.6 30.8	21.5 17.2
1880	1.8	28.7	19.6
1890	3.0 1.5 3.4	31.2 34.3 35.3	24.7 22.2 25.3
1900	9.4	31.2	24.4
1910			
1920			
1930	1.5 1.5	31.2 30.4	18.1 20.5
1940			
1950	5.8	28.4	22.5
1960			
1970	4.5	27.3	15.5
1980			
1990	2.4	31.7	19.5
2000			
2010	6.8	30.2	22.1
2020			
2030	1.5 1.5	31.7 31.7	18.2 18.2
2040			
2050	1.5 6.4	22.8 30.1	9.6 23.3
2060			
2070	1.5	35.5	10.2
2080			
2090			
2100			
2110			
2120			
2130			
2140			
2150			
2160			
2170			
2180			
2190			
2200			

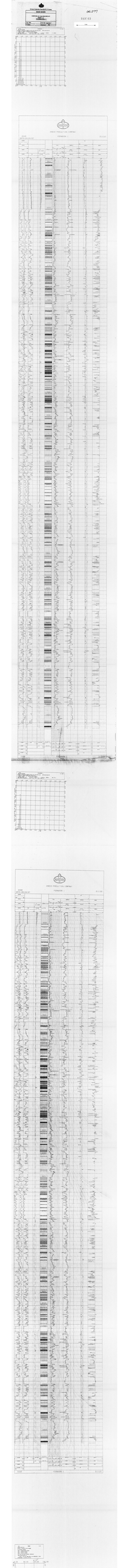

Weatherford International Limited
Houston, Texas
Weatherford Directional Services
Weatherford Directional Drilling
Survey Report
Company: Chesapeake Operating, Inc.
Field: Bradford County (NAD 83)
Well: Bradford County
Location: Bradford County, PA
Rig: Nabors M-27
Job Number: 0000
Survey Name: Survey #1
Survey Date: 3/31/2013

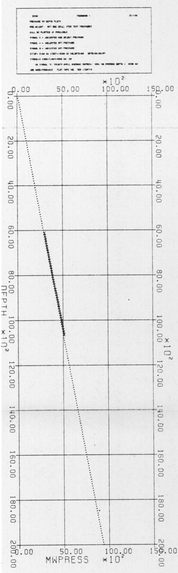












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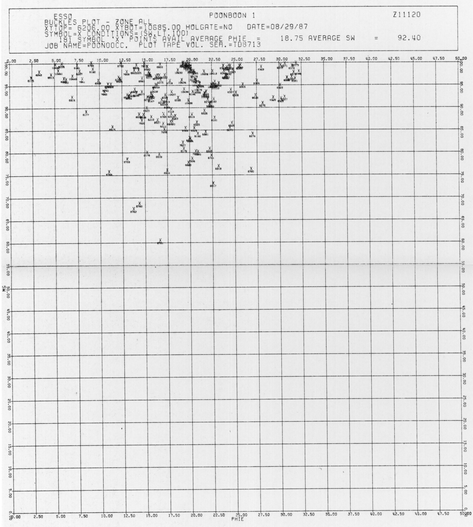
50.00
100.00
150.00
DEPTH ×10²
MWPRESS ×10²



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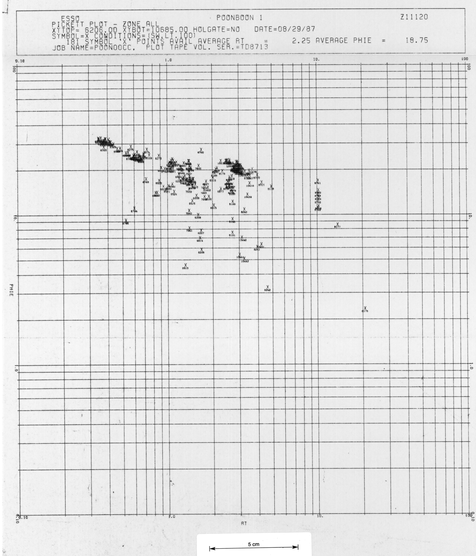
PHIE



ESSO
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PICKETT PLOT - ZONE ALL
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PHIE
RT
5 cm