OR277

313[illegible]0

Amoco Australia Petroleum Company

BASS BASIN

COMPUTER LOG ANALYSIS DISPLAYS

PELICAN-4
PART-1

Aug. 1987	R-87-051, Appendix F
P. Stokes	Enclosure: 13

5 cm

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  HEMATITE PETROLEUM                 PELICAN 4                              Z12420
GAMMA RAY HISTOGRAM
XYTOP= 5702.00 XYBOT= 9998.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   622 SYMBOL 'X' POINTS AVAILABLE.
SYMBOL=O CONDITIONS=(XPLTRES.NE.1,SAW.EQ.3)
   781 SYMBOL 'O' POINTS AVAILABLE.
AVERAGE GRRAW =      76.8596  XMODE=      0.0     YMODE=      3.5851
JOB NAME=PEL4OADD,  PLOT TAPE VOL. SER.=TD8747
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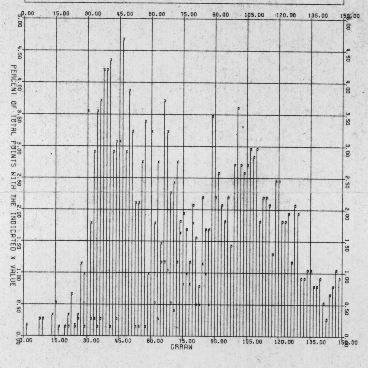

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  HEMATITE PETROLEUM                 PELICAN 4                              Z12420
EDITED GAMMA RAY HISTOGRAM
XYTOP= 5702.00 XYBOT=10010.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   625 SYMBOL 'X' POINTS AVAILABLE.
SYMBOL=O CONDITIONS=(XPLTRES.NE.1,SAW.EQ.3)
   810 SYMBOL 'O' POINTS AVAILABLE.
AVERAGE GRCORR=      56.8060  XMODE=      0.0     YMODE=      4.0741
JOB NAME=PEL4OADD,  PLOT TAPE VOL. SER.=TD8747
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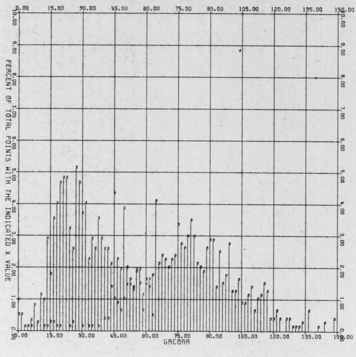

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SP HISTOGRAM
XYTOP= 5702.00 XYBOT= 8357.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   410 SYMBOL 'X' POINTS AVAILABLE.
SYMBOL=O CONDITIONS=(XPLTRES.NE.1,SAW.EQ.3)
   476 SYMBOL 'O' POINTS AVAILABLE.
AVERAGE SPCORR=     -43.6805  XMODE=      0.0     YMODE=      4.8319
JOB NAME=PEL4OADD,  PLOT TAPE VOL. SER.=TD8747
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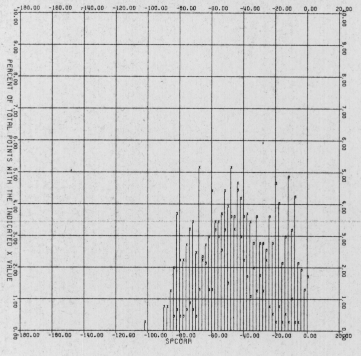

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  HEMATITE PETROLEUM                 PELICAN 4                              Z12420
BULK DENSITY HISTOGRAM
XYTOP= 5702.00 XYBOT= 9998.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   622 SYMBOL 'X' POINTS AVAILABLE.
SYMBOL=O CONDITIONS=(XPLTRES.NE.1,SAW.EQ.3)
   811 SYMBOL 'O' POINTS AVAILABLE.
AVERAGE DNDNOC=       2.3637  XMODE=      0.0     YMODE=      8.5080
JOB NAME=PEL4OADD,  PLOT TAPE VOL. SER.=TD8747
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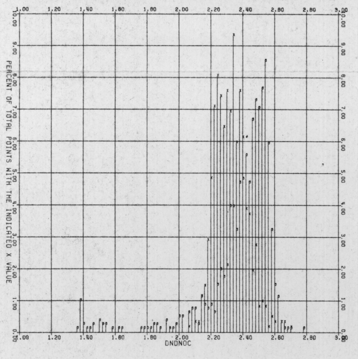

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  HEMATITE PETROLEUM                 PELICAN 4                              Z12420
NEUTRON POROSITY - LIMESTONE MATRIX - HISTOGRAM
XYTOP= 5744.00 XYBOT= 9998.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   614 SYMBOL 'X' POINTS AVAILABLE.
SYMBOL=O CONDITIONS=(XPLTRES.NE.1,SAW.EQ.3)
   732 SYMBOL 'O' POINTS AVAILABLE.
AVERAGE NCNPLC=      22.2229  XMODE=      0.0     YMODE=      3.9617
JOB NAME=PEL4OADD,  PLOT TAPE VOL. SER.=TD8747
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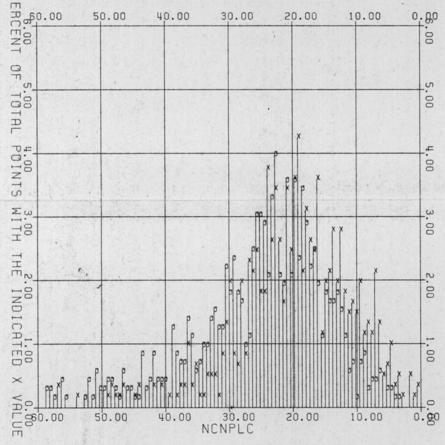

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  HEMATITE PETROLEUM                 PELICAN 4                          Z12420
NEUTRON POROSITY - SANDSTONE MATRIX - HISTOGRAM
XYTOP= 5744.00 XYBOT= 9998.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   616 SYMBOL 'X' POINTS AVAILABLE.
SYMBOL=0 CONDITIONS=(XPLTRES.NE.1,SAW.EQ.3)
   729 SYMBOL '0' POINTS AVAILABLE.
AVERAGE NCNPSC=      26.3501  XMODE=       0.0     YMODE=       3.7037
JOB NAME=PEL40ADD,  PLOT TAPE VOL. SER.=TD8747
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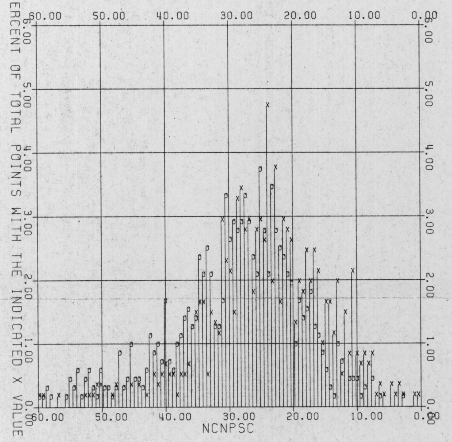

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  HEMATITE PETROLEUM                 PELICAN 4                          Z12420
SONIC TRAVEL TIME HISTOGRAM
XYTOP= 5717.00 XYBOT= 9974.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(SAW.EQ.3,XPLTRES.EQ.1)
   611 SYMBOL 'X' POINTS AVAILABLE.
AVERAGE LOGRT =      0.2055  XMODE=      -0.3379  YMODE=       5.7283
JOB NAME=PEL40ADD,  PLOT TAPE VOL. SER.=TD8747
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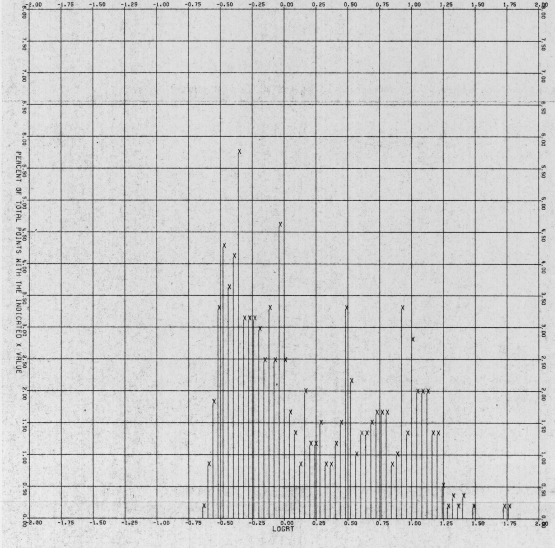

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  HEMATITE PETROLEUM                 PELICAN 4                          Z12420
DENSITY VS RESISTIVITY PLOT FOR COAL IDENTIFICATION
XYTOP= 5702.00 XYBOT= 9998.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(SAW.EQ.3)
  1433 SYMBOL 'X' POINTS AVAIL AVERAGE DNDNOC=      2.37 AVERAGE RXO    =      7.60
JOB NAME=PEL40ADD,  PLOT TAPE VOL. SER.=TD8747
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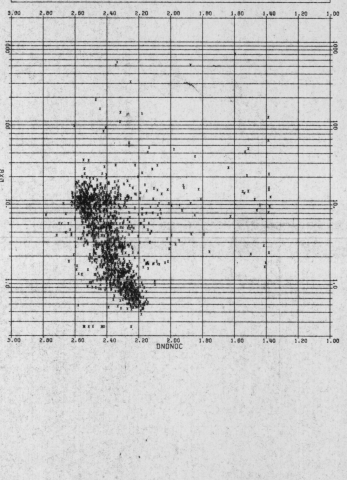

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  HEMATITE PETROLEUM                 PELICAN 4                          Z12420
DENSITY VS RESISTIVITY - RESERVOIR ROCKS ONLY
XYTOP= 5717.00 XYBOT= 9998.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   622 SYMBOL 'X' POINTS AVAIL AVERAGE DNDNOC=      2.33 AVERAGE RXO    =      5.32
JOB NAME=PEL40ADD,  PLOT TAPE VOL. SER.=TD8747
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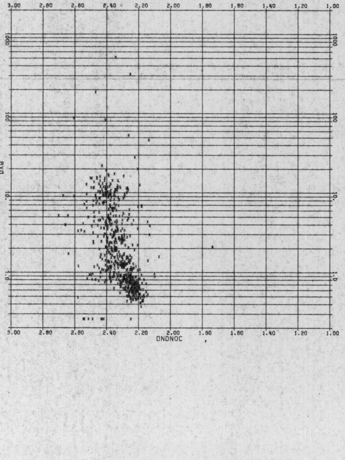

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  HEMATITE PETROLEUM                      PELICAN 4                                  Z12420
DENSITY VS RESISTIVITY - NON-RESERVOIR ROCKS ONLY
XYTOP= 5702.00 XYBOT= 9971.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.NE.1,SAW.EQ.3)
   811 SYMBOL 'X' POINTS AVAIL AVERAGE DNDNOC=      2.40 AVERAGE RXO    =      9.71
SYMBOL=_ CONDITIONS=(XPLTRES.NE.1,COALFLAG.EQ.1,SAW.EQ.3)
    67 SYMBOL '_' POINTS AVAIL AVERAGE DNDNOC=      1.81 AVERAGE RXO    =     32.18
JOB NAME=PEL40ADD,  PLOT TAPE VOL. SER.=TD8747
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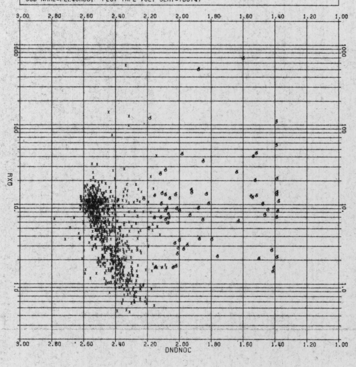

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  HEMATITE PETROLEUM                      PELICAN 4                                  Z12420
DENSITY VS SONIC LOG - ALL ROCKS
XYTOP= 5747.00 XYBOT= 9998.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   608 SYMBOL 'X' POINTS AVAIL AVERAGE NCNPLC=     18.95 AVERAGE DNDNOC=      2.33
SYMBOL=0 CONDITIONS=(XPLTRES.NE.1,SAW.EQ.3)
   696 SYMBOL '0' POINTS AVAIL AVERAGE NCNPLC=     23.28 AVERAGE DNDNOC=      2.46
JOB NAME=PEL40ADD,  PLOT TAPE VOL. SER.=TD8747
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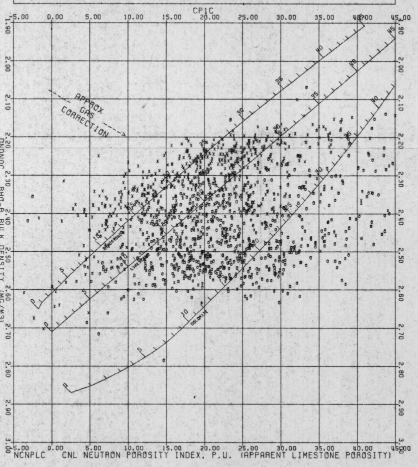

5 cm

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  HEMATITE PETROLEUM                      PELICAN 4                                  Z12420
RESERVOIR ROCKS ONLY
XYTOP= 5747.00 XYBOT= 9998.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   608 SYMBOL 'X' POINTS AVAIL AVERAGE NCNPLC=     18.95 AVERAGE DNDNOC=      2.33
JOB NAME=PEL40ADD,  PLOT TAPE VOL. SER.=TD8747
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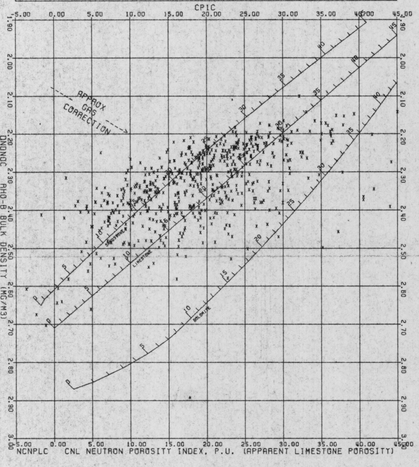

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  HEMATITE PETROLEUM                      PELICAN 4                                  Z12420
N/D CROSSPLOT POROSITY HISTOGRAM
XYTOP= 5738.00 XYBOT= 9998.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   619 SYMBOL 'X' POINTS AVAILABLE.
SYMBOL=0 CONDITIONS=(XPLTRES.NE.1,SAW.EQ.3)
   739 SYMBOL '0' POINTS AVAILABLE.
AVERAGE DNXPOR=      20.8990  XMODE=        0.0     YMODE=       4.8714
JOB NAME=PEL40ADD,  PLOT TAPE VOL. SER.=TD8747
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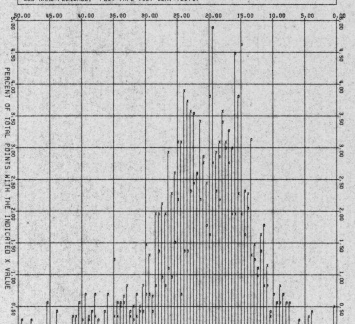

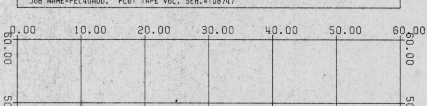```
  HEMATITE PETROLEUM                      PELICAN 4                                  Z12420
NEUTRON POROSITY VS DENSITY POROSITY - SANDSTONE MATRIX
XYTOP= 5747.00 XYBOT= 9998.00 HOLGATE=NO   DATE=08/30/87
SYMBOL=X CONDITIONS=(XPLTRES.EQ.1,SAW.EQ.3)
   615 SYMBOL 'X' POINTS AVAIL AVERAGE NCNPSC=    23.82 AVERAGE DNPOR =    19.35
JOB NAME=PEL40ADD,  PLOT TAPE VOL. SER.=TD8747
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