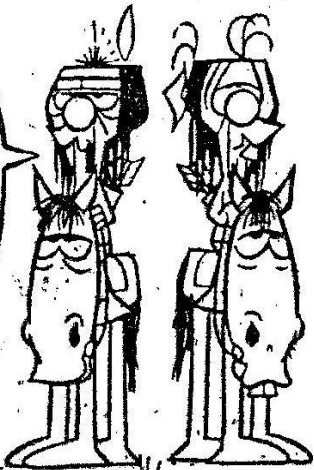


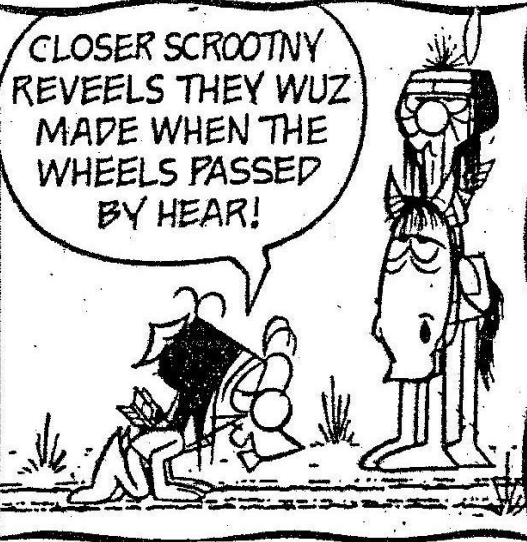
CHEROKEE PALEOLITHOLOGIES
LONG BRANCH FIELD
PAYNE COUNTY, OKLAHOMA



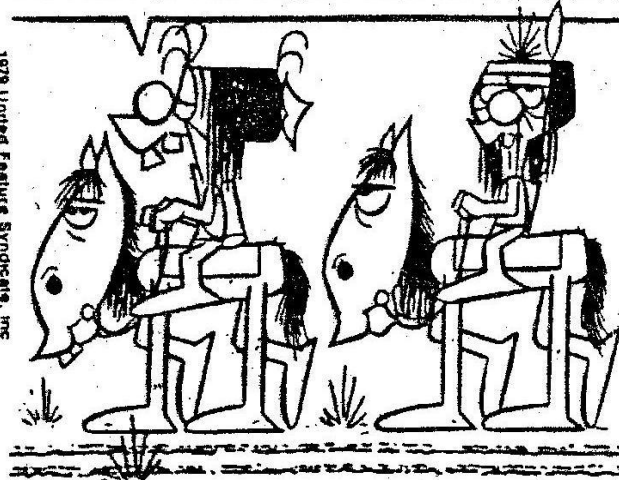
HMM,
WAGON
TRACKS...
I WONDER
WHEN THEY
WERE
MADE?



CLOSER SCROOTNY
REVEELS THEY WUZ
MADE WHEN THE
WHEELS PASSED
BY HEAR!



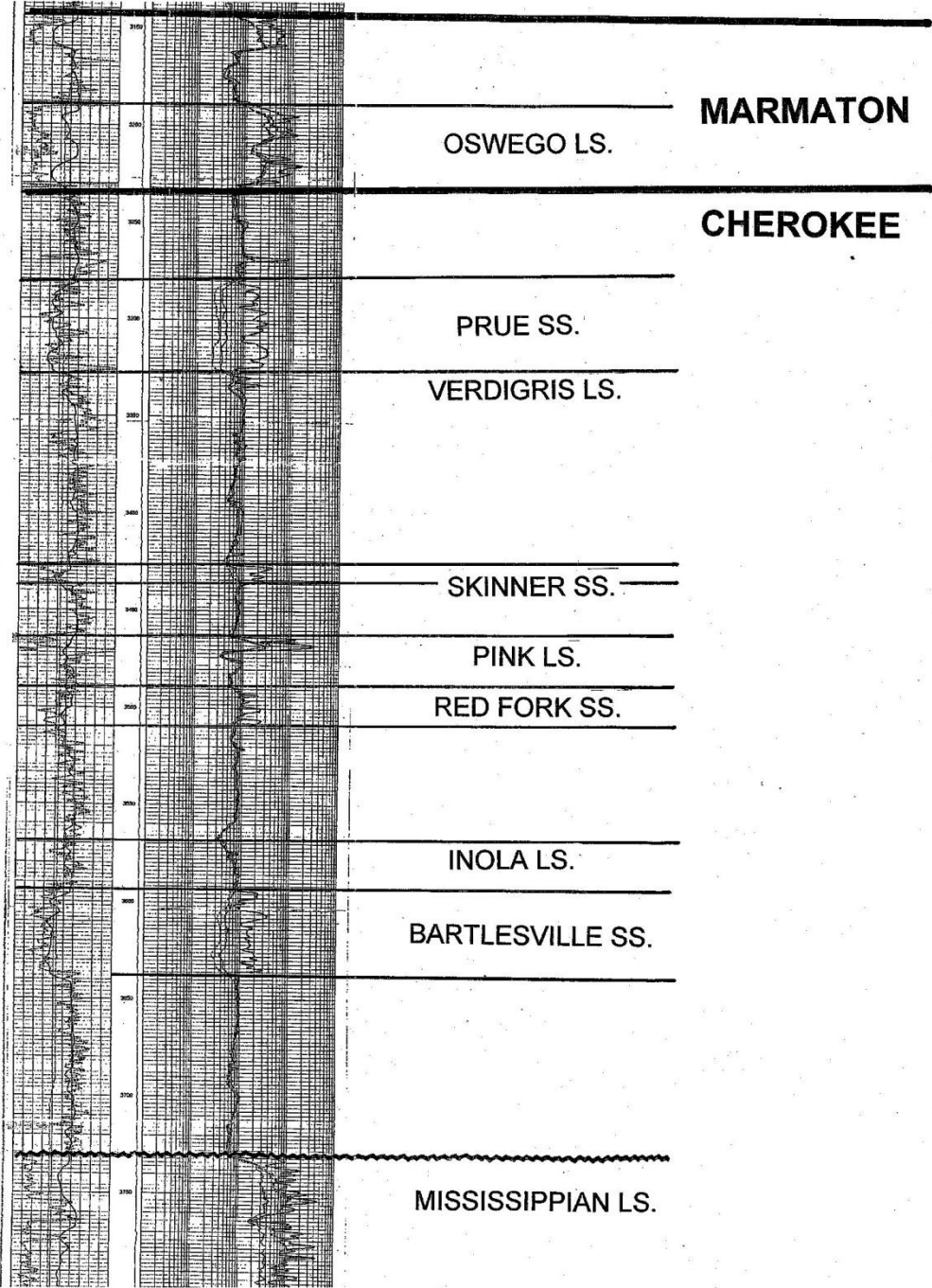
NUTHIN IZ HID FRUM THE TRAINED EYE.



1979 United Feature Syndicate, Inc.

3-31

THEY



LONG BRANCH FIELD

PATTON #1

MIGHTY MOUSE #3

MIGHTY MOUSE #2

MIGHTY MOUSE #1

KELLY #1

McFARLAND #3

McFARLAND #2

McFARLAND #1

HOPE #1

SNYDER #1

10

ALETHA #1

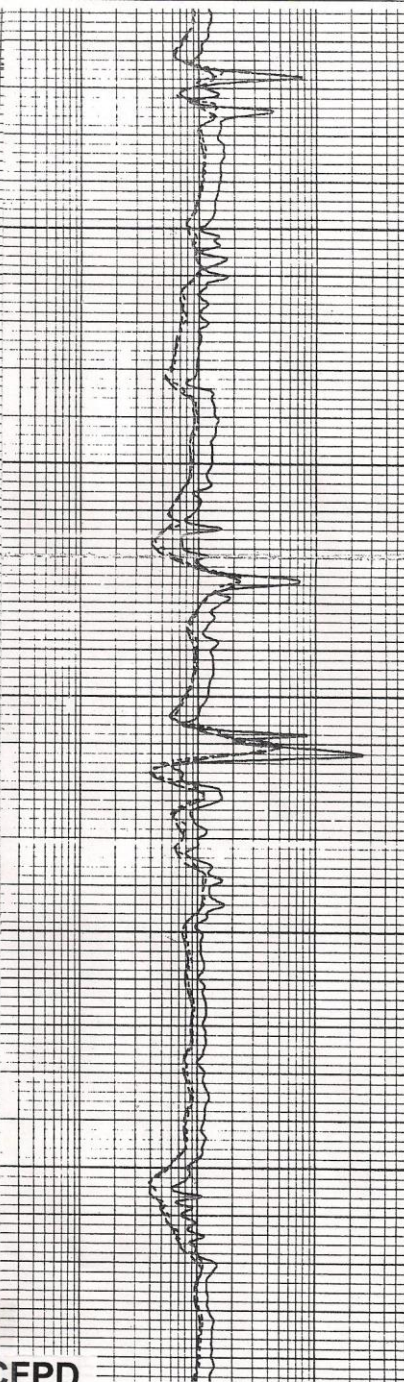
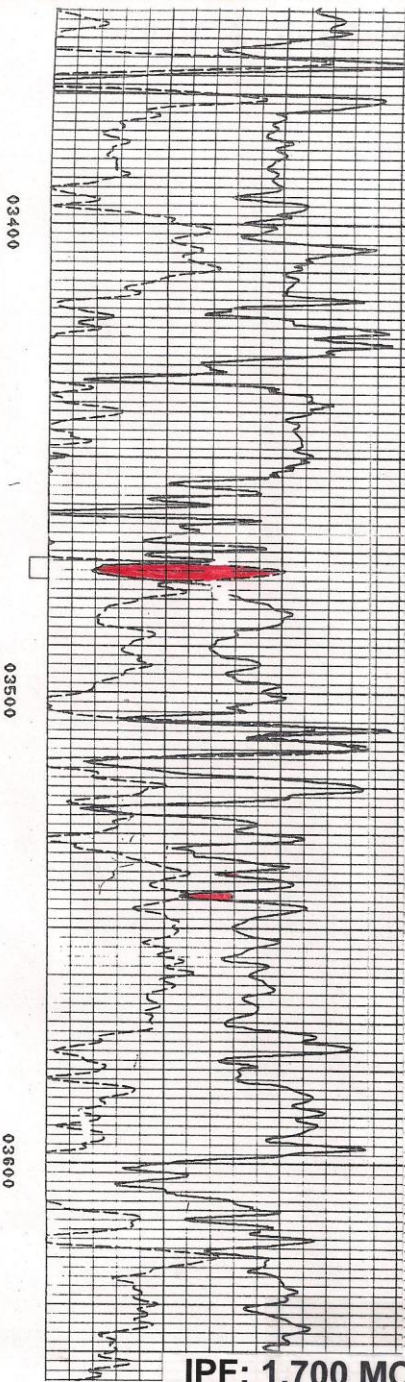
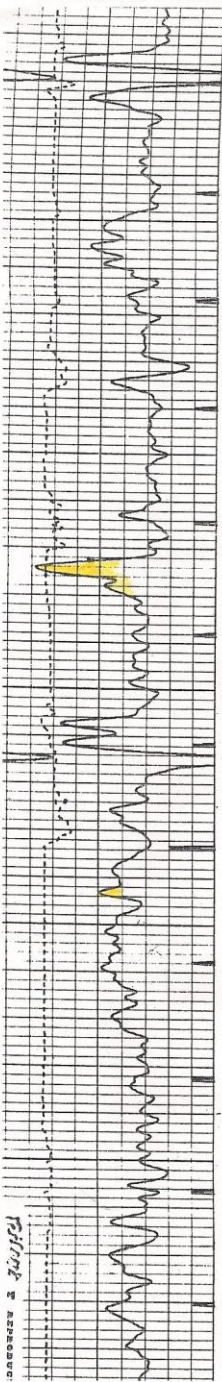
EITHEL #1

CLEMONS #1

ALETHA #2

CAROTHERS #1





PHILIP & ASSOCIATES

IPF: 1,700 MCFPD

LONG BRANCH FIELD

PATTON #1

MIGHTY MOUSE #3

MIGHTY MOUSE #2

MIGHTY MOUSE #1

KELLY #1

McFARLAND #3

McFARLAND #2

McFARLAND #1

HOPE #1

SNYDER #1

10

ALETHA #1

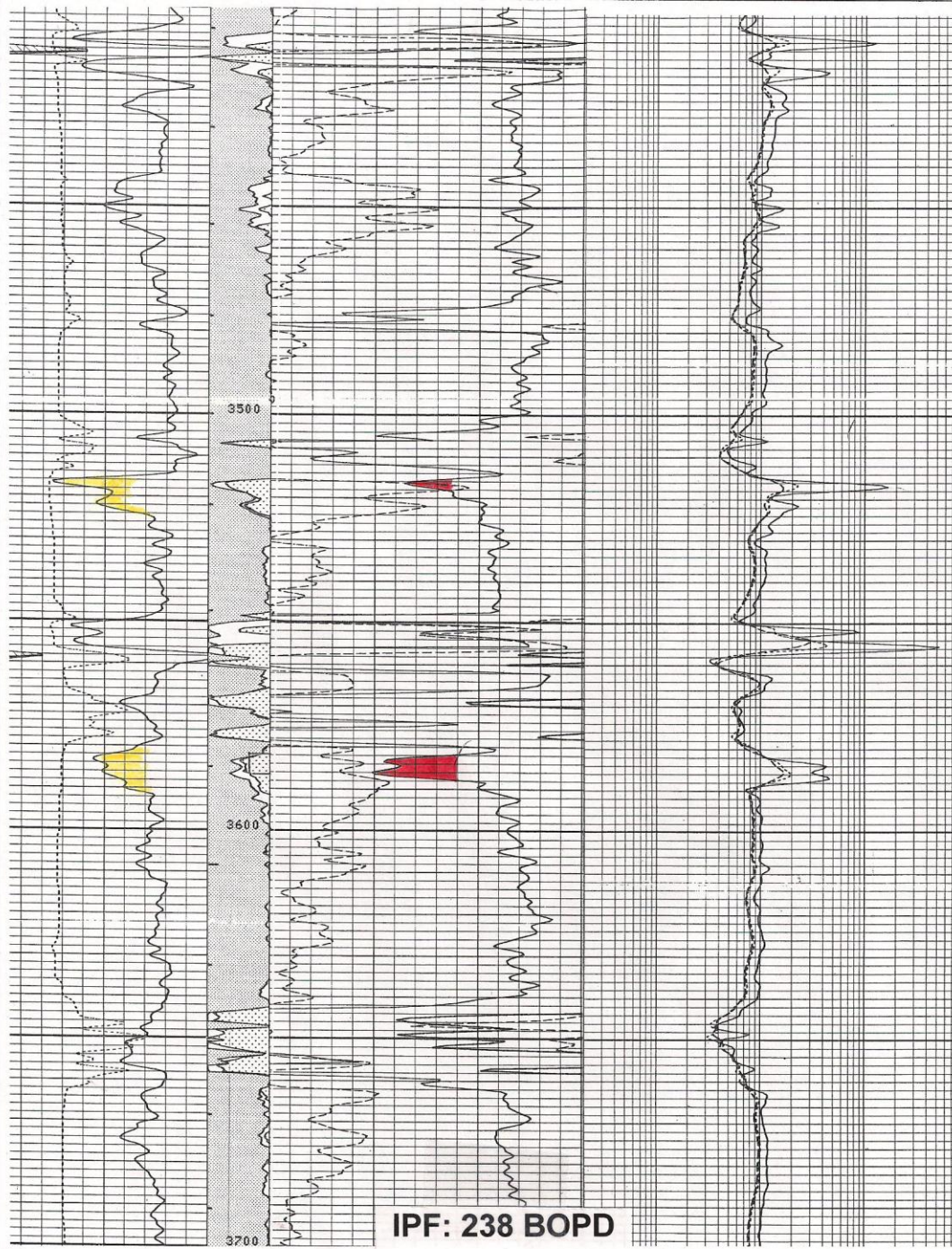
EITHEL #1

CLEMONS #1

ALETHA #2

CAROTHERS #1





IPF: 238 BOPD

LONG BRANCH FIELD

PATTON #1

MIGHTY MOUSE #3

MIGHTY MOUSE #2

MIGHTY MOUSE #1

KELLY #1

McFARLAND #2

McFARLAND #3

HOPE #1

McFARLAND #1

SNYDER #1

10

ALETHA #1

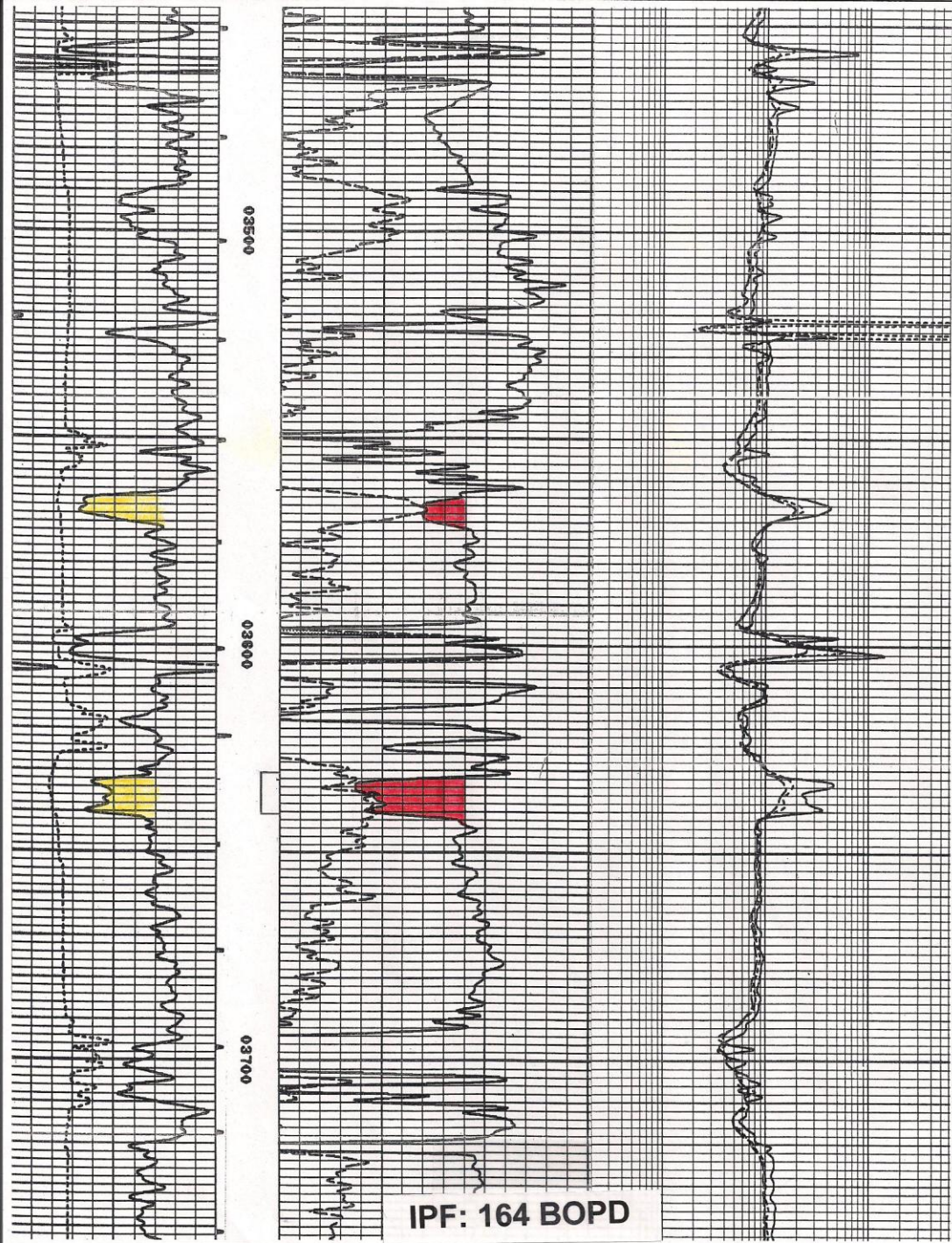
EITHEL #1

CLEMONS #1

ALETHA #2

CAROTHERS #1





IPF: 164 BOPD

LONG BRANCH FIELD

PATTON #1

MIGHTY MOUSE #3

MIGHTY MOUSE #2

MIGHTY MOUSE #1

KELLY #1

McFARLAND #3

McFARLAND #2

McFARLAND #1

HOPE #1

SNYDER #1

10

ALETHA #1

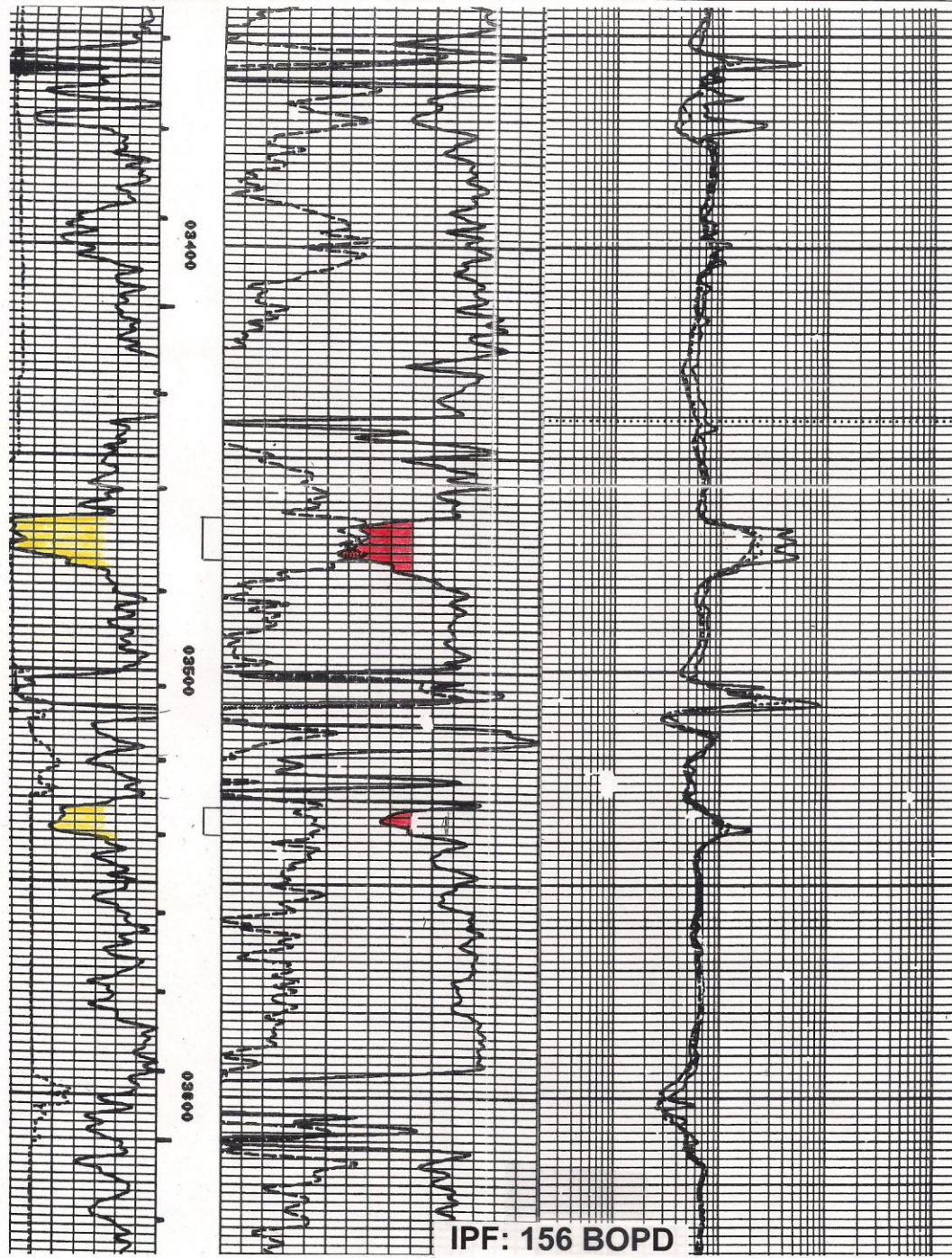
EITHEL #1

CLEMONS #1

ALETHA #2

CAROTHERS #1





IPF: 156 BOPD

LONG BRANCH FIELD

PATTON #1

MIGHTY MOUSE #3

MIGHTY MOUSE #2

MIGHTY MOUSE #1

KELLY #1

McFARLAND #2

McFARLAND #3

McFARLAND #1

HOPE #1

SNYDER #1

10

ALETHA #1

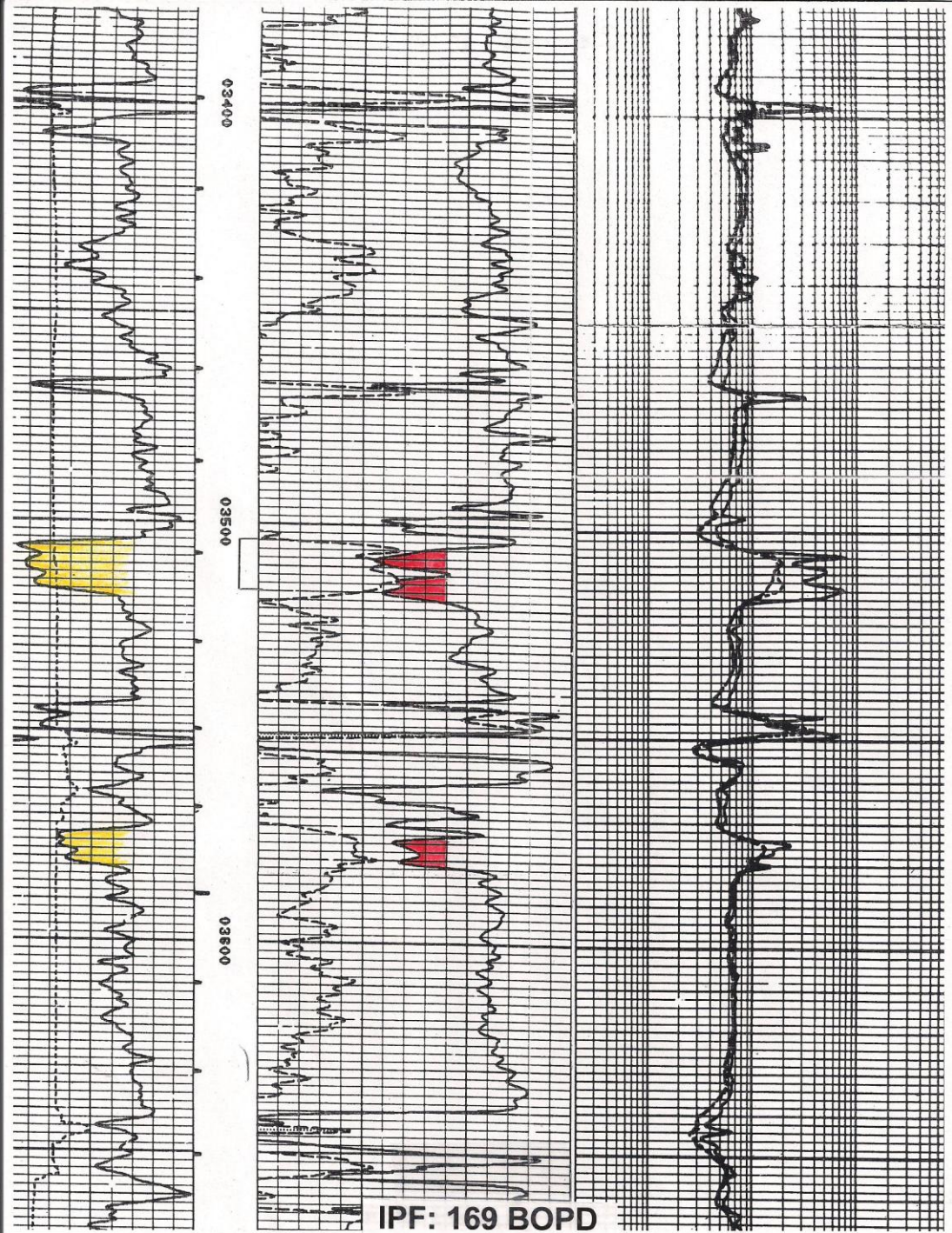
EITHEL #1

CLEMONS #1

ALETHA #2

CAROTHERS #1





IPF: 169 BOPD

LONG BRANCH FIELD

PATTON #1

MIGHTY MOUSE #3

MIGHTY MOUSE #2

MIGHTY MOUSE #1

KELLY #1

McFARLAND #2

McFARLAND #3

HOPE #1

McFARLAND #1

SNYDER #1

10

ALETHA #1

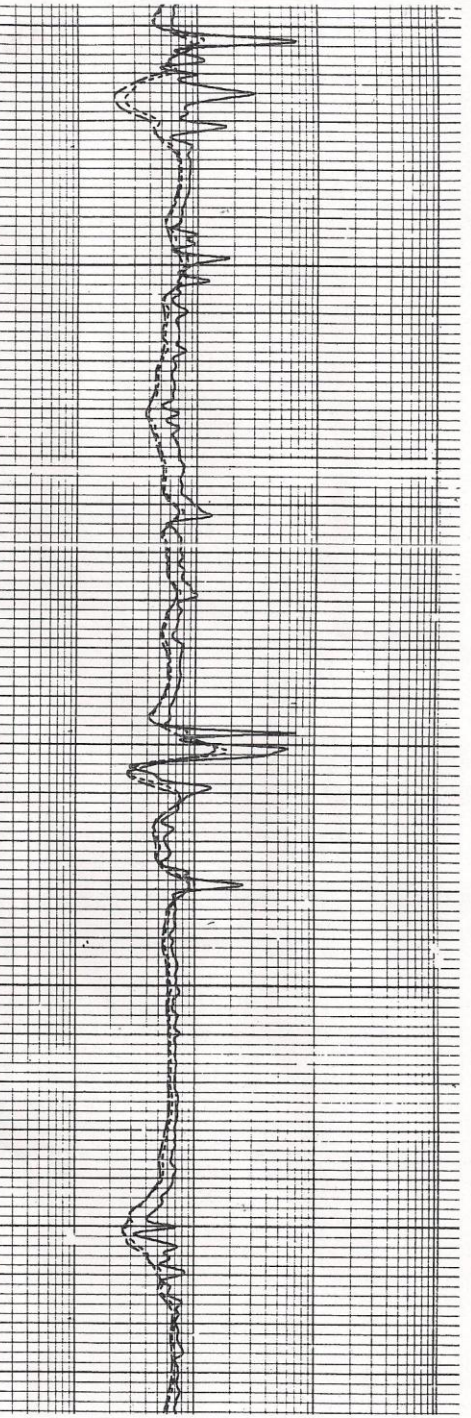
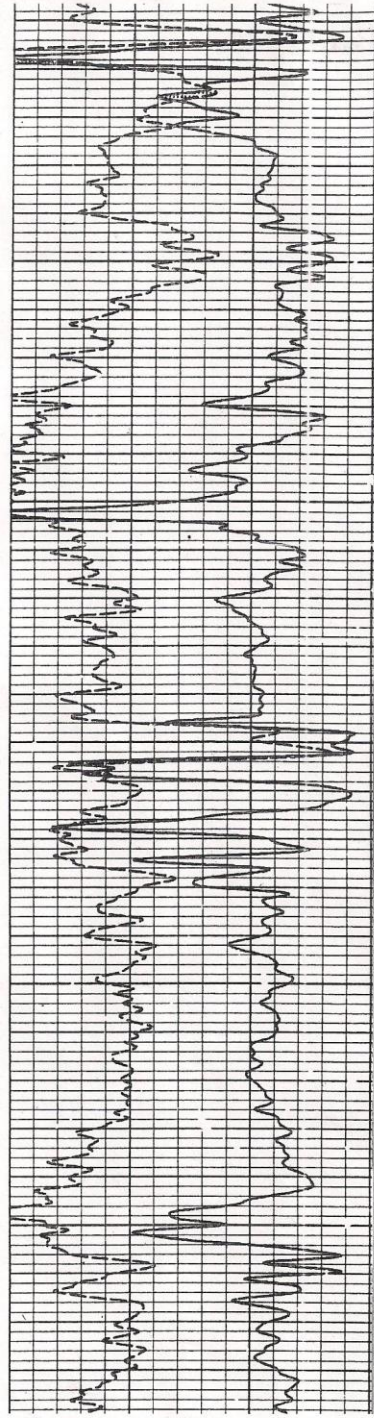
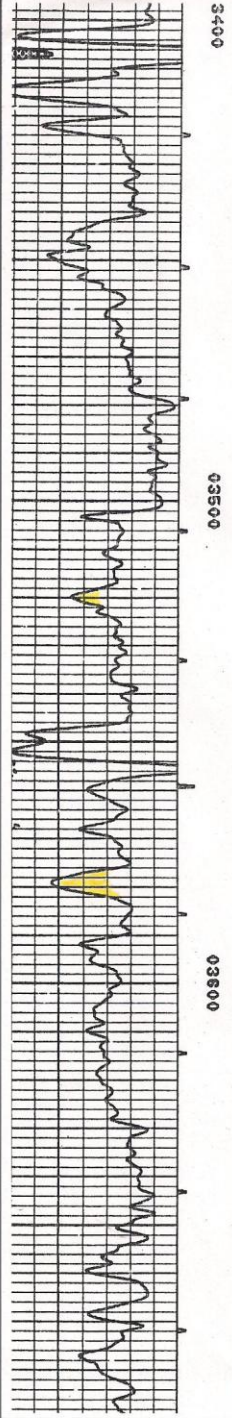
EITHEL #1

CLEMONS #1

ALETHA #2

CAROTHERS #1





LONG BRANCH FIELD

PATTON #1

MIGHTY MOUSE #3

MIGHTY MOUSE #2

MIGHTY MOUSE #1

KELLY #1

McFARLAND #2

McFARLAND #3

HOPE #1

McFARLAND #1

SNYDER #1

10

ALETHA #1

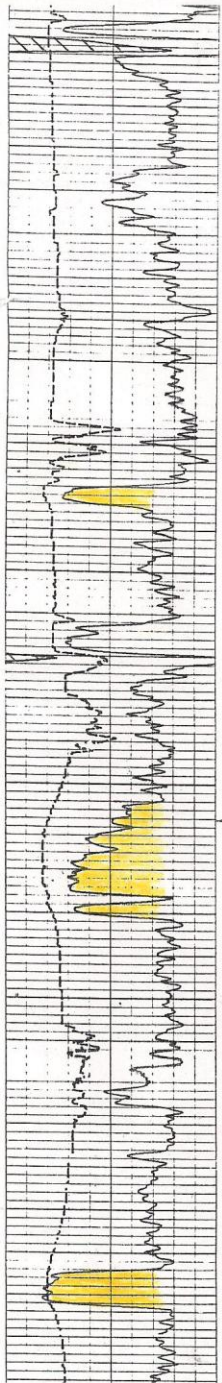
EITHEL #1

CLEMONS #1

ALETHA #2

CAROTHERS #1

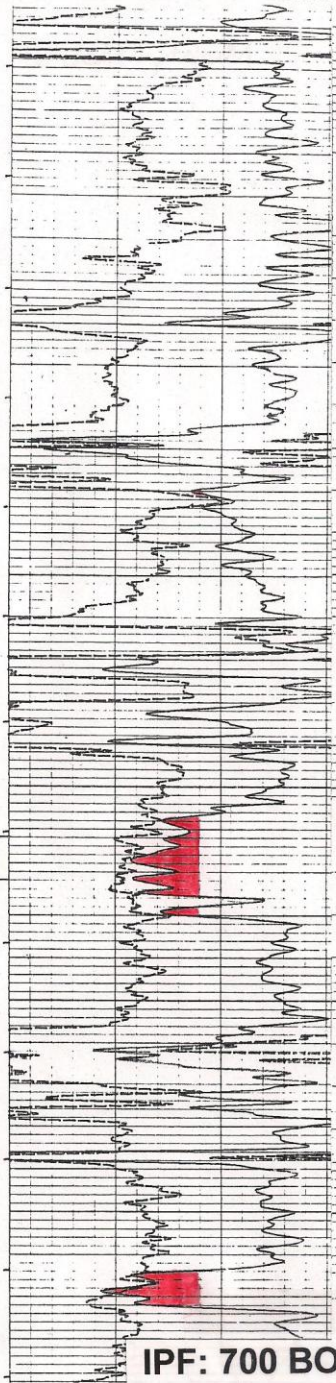




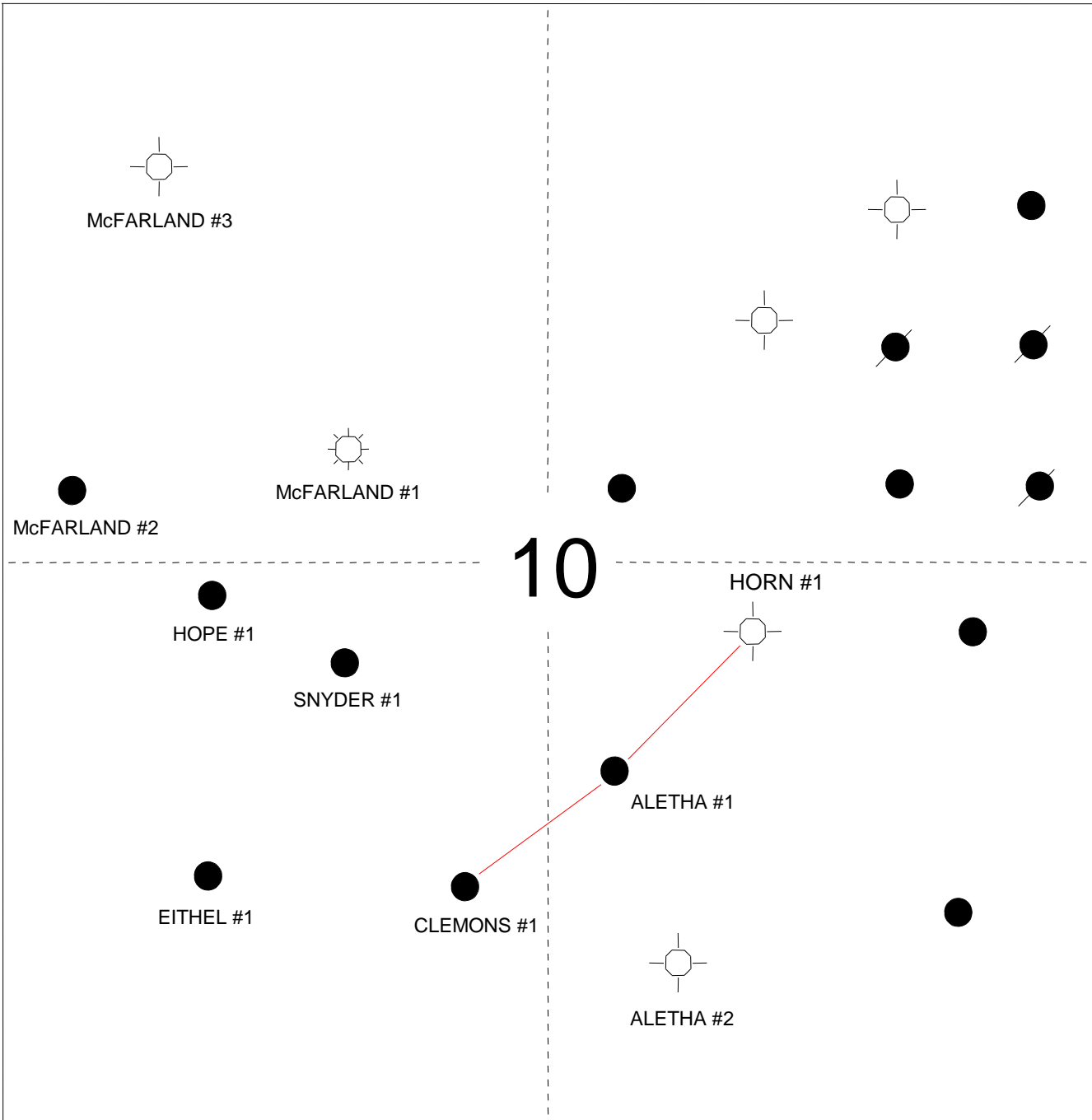
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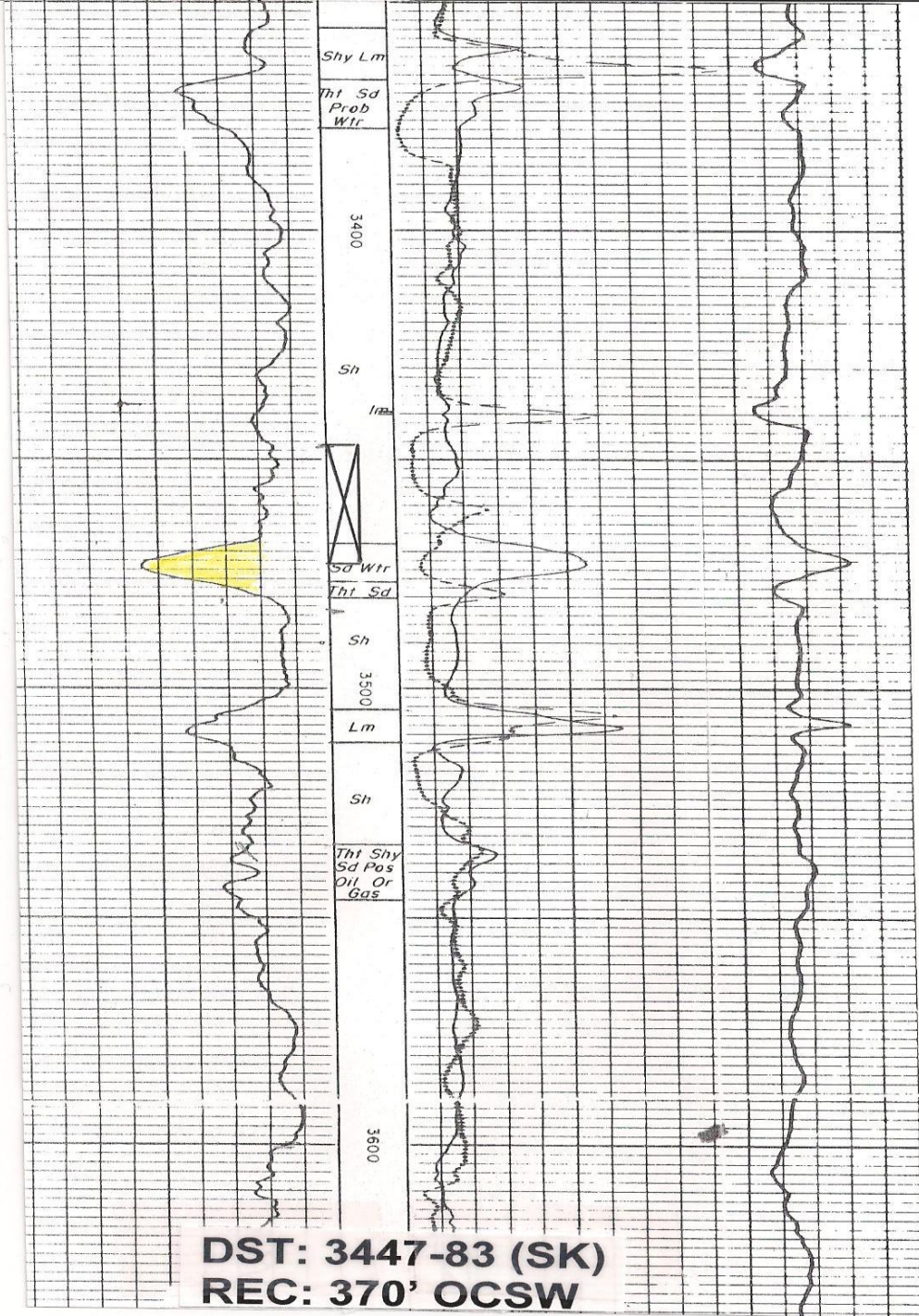
3600

3700

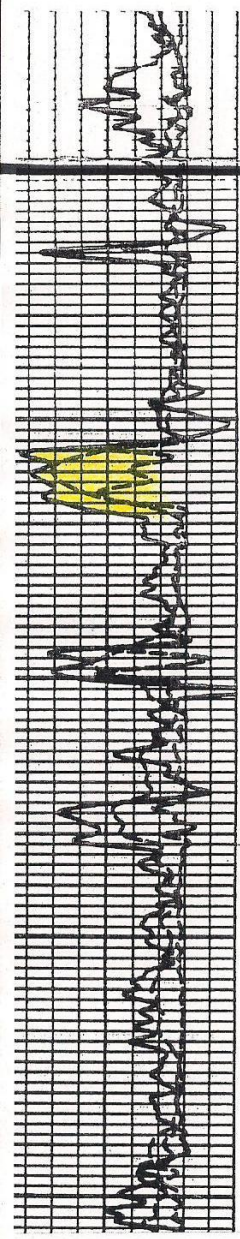


IPF: 700 BOPD



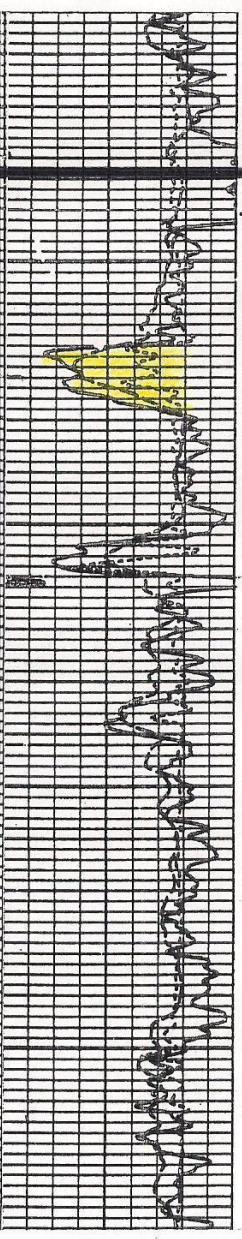
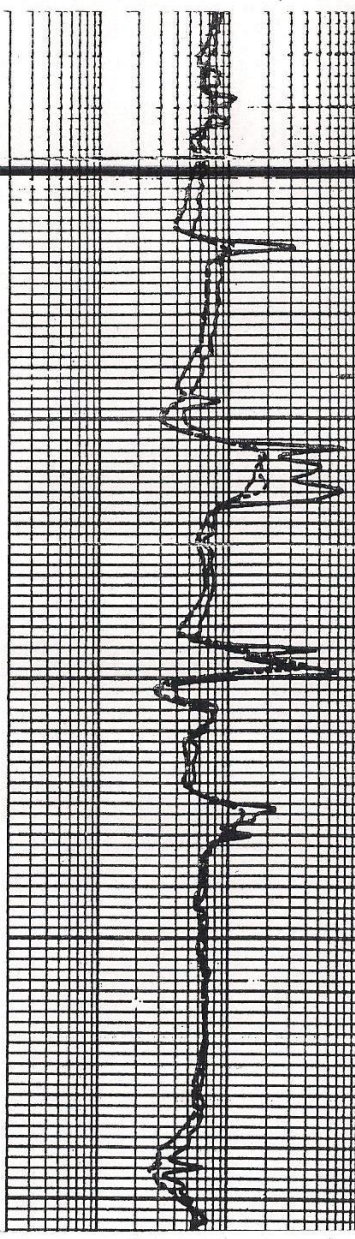


DST: 3447-83 (SK)
REC: 370' OCSW

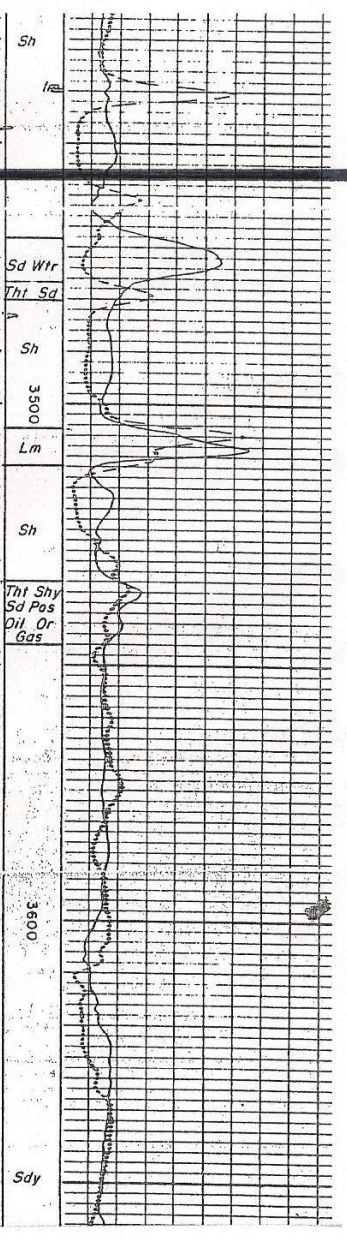
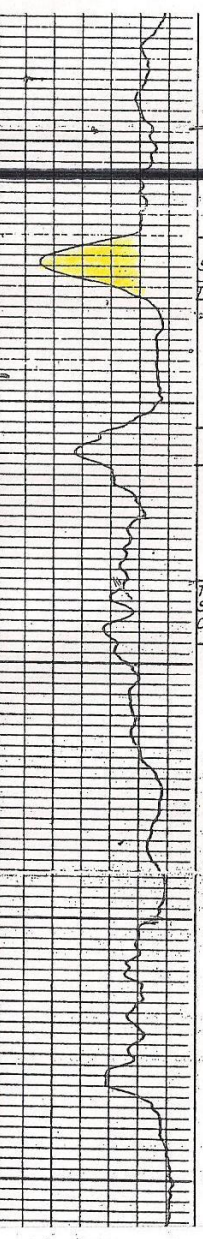
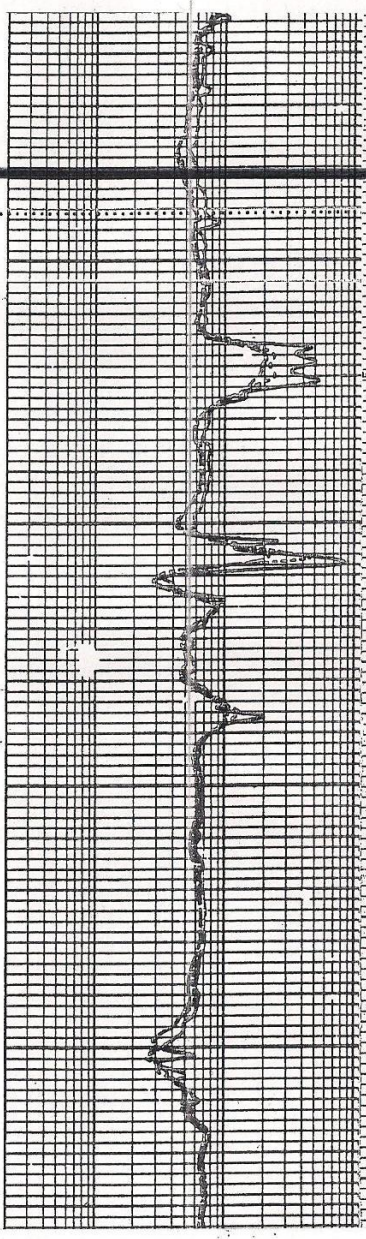


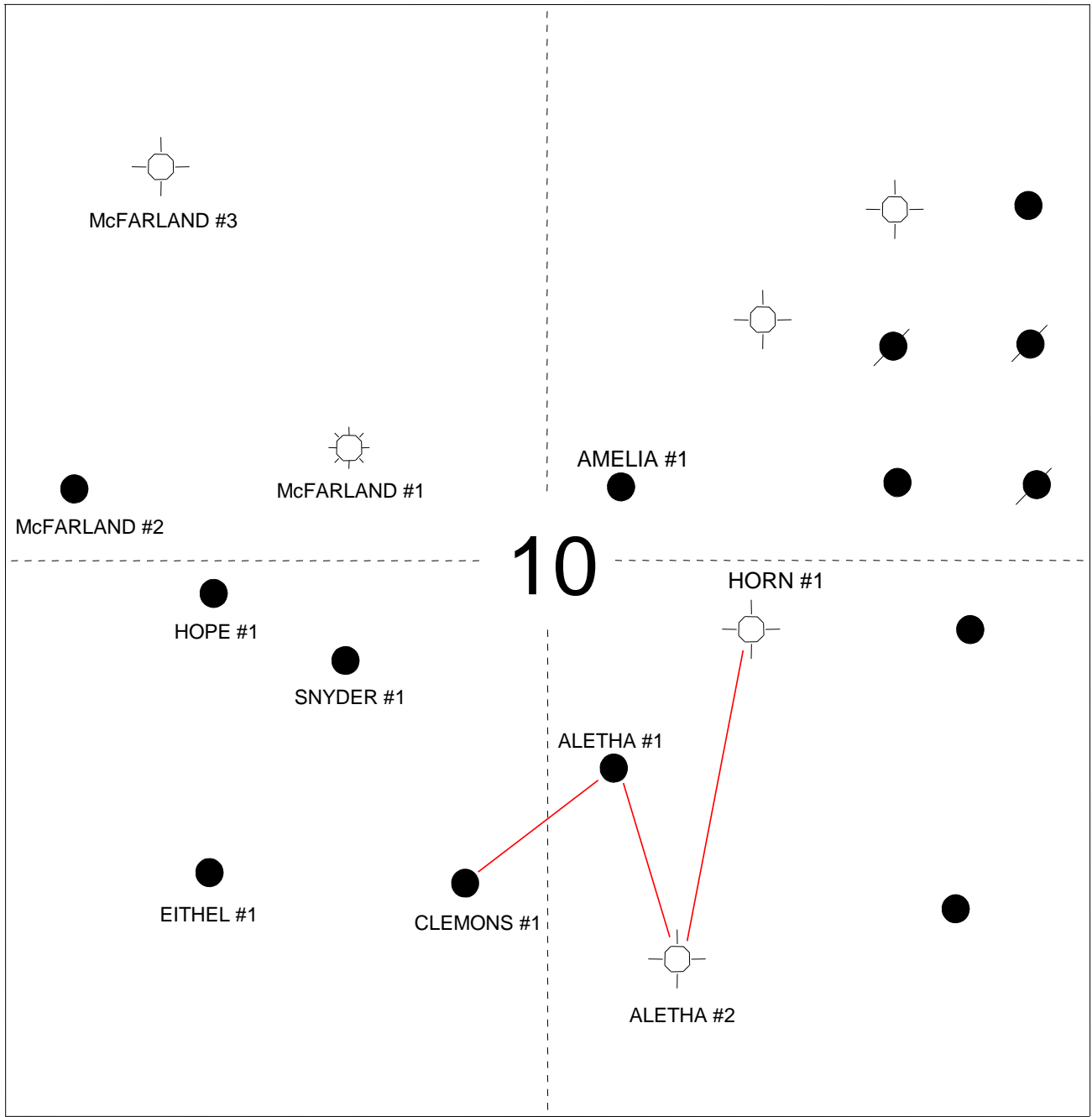
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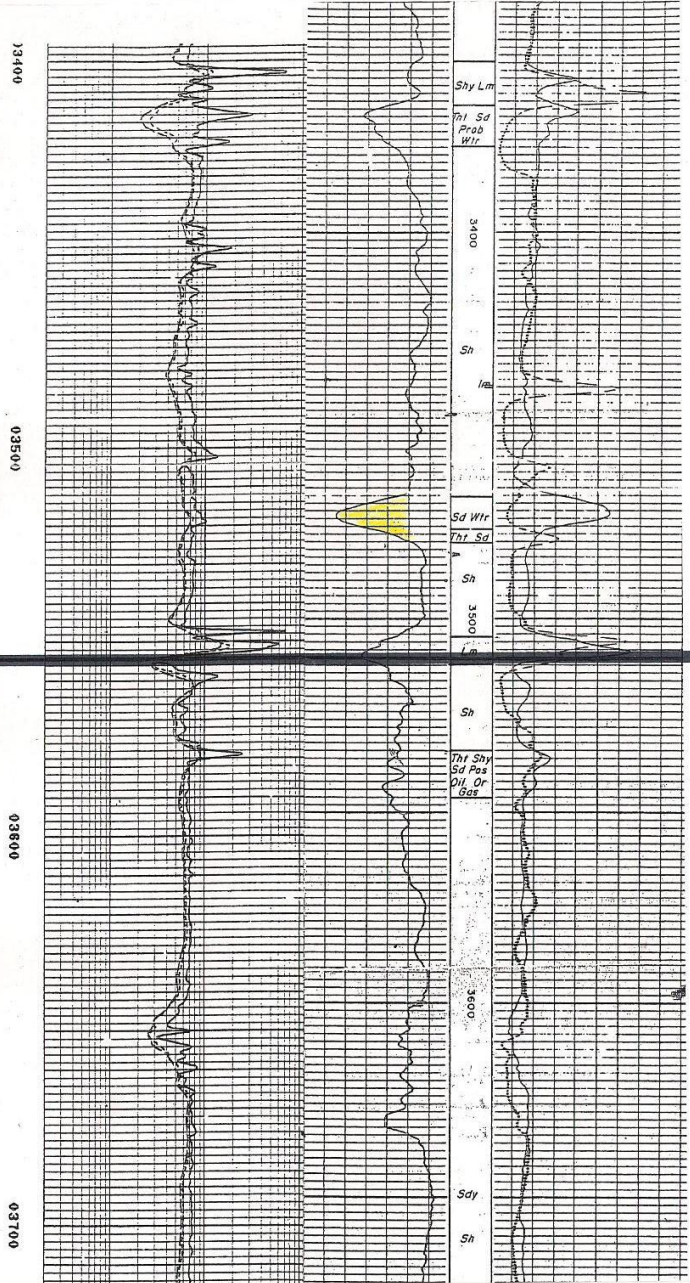
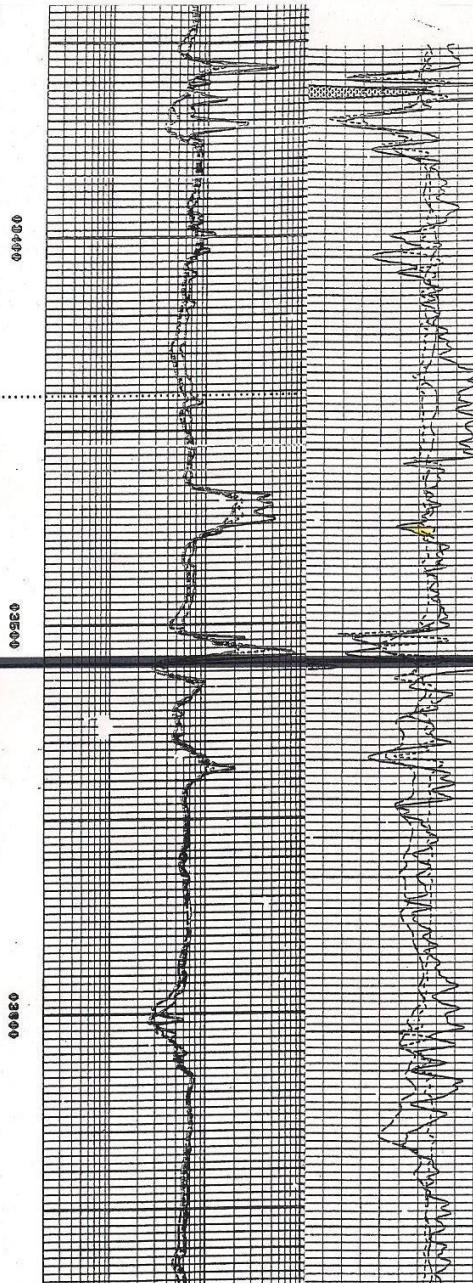
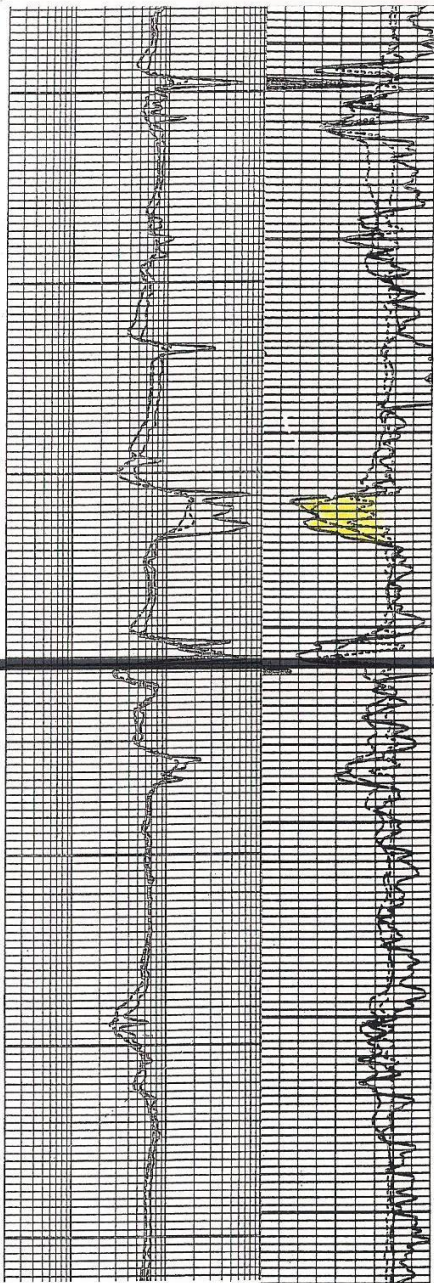
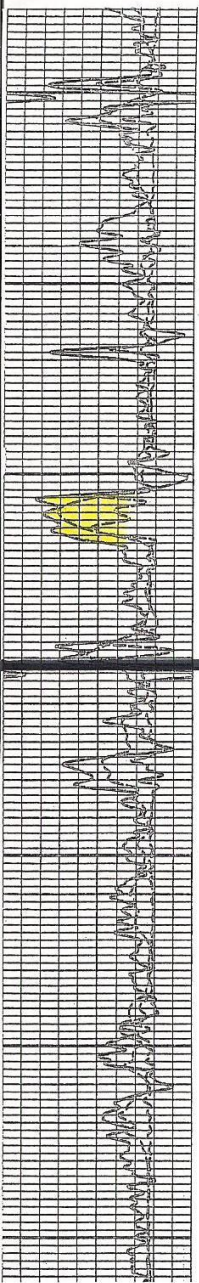
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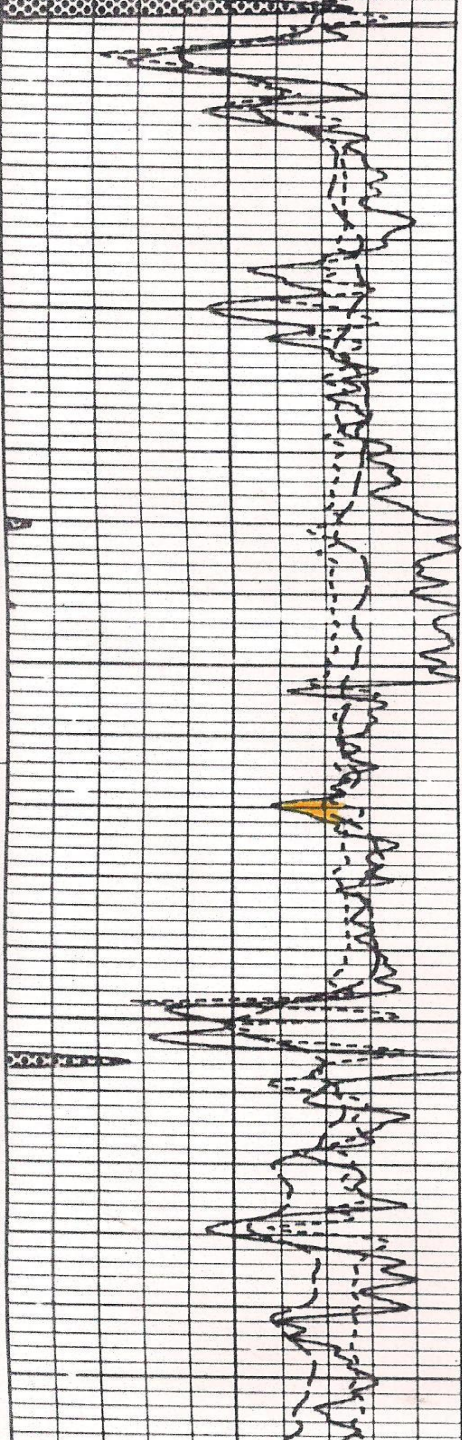


04
03500
03800



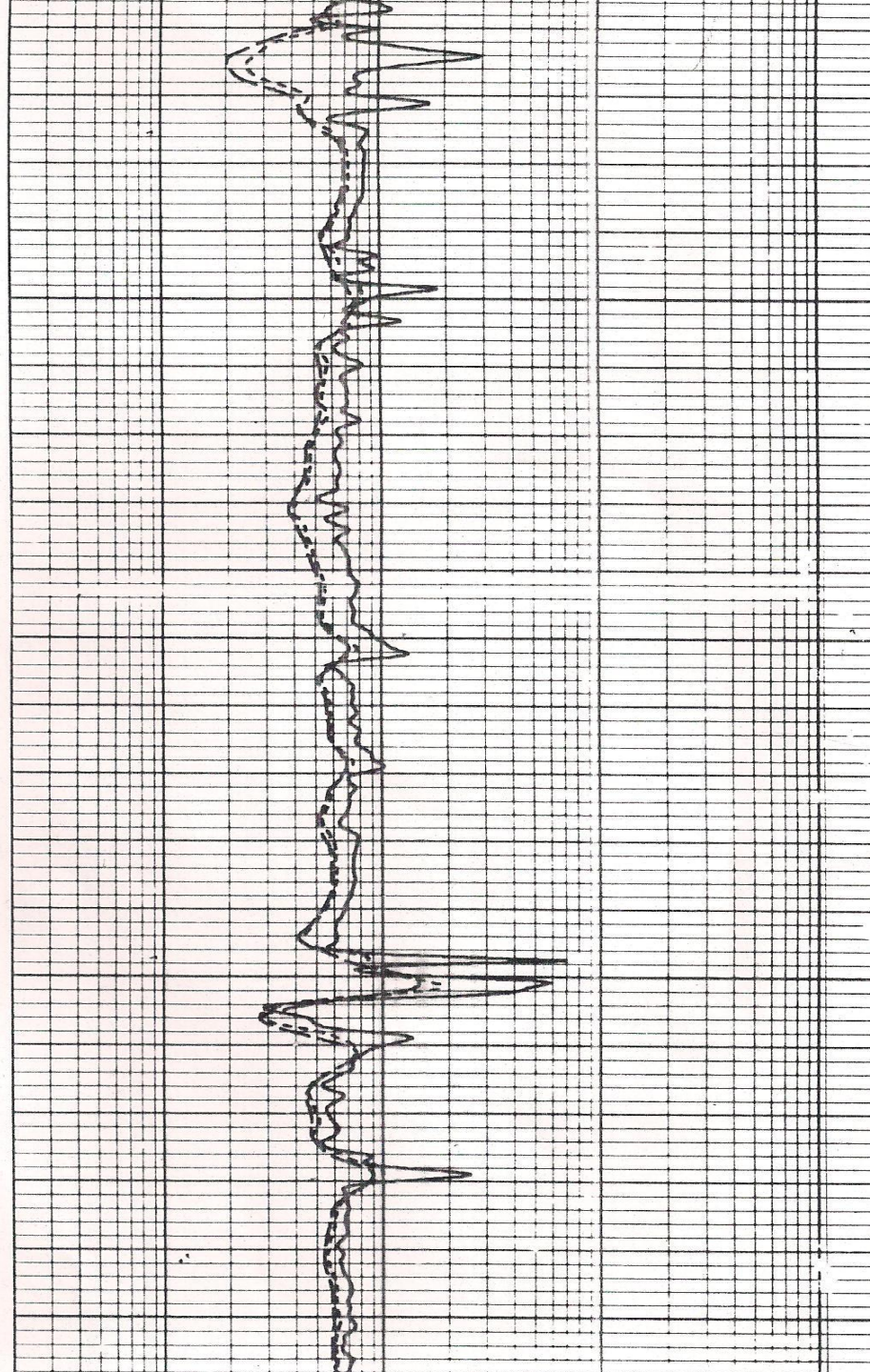


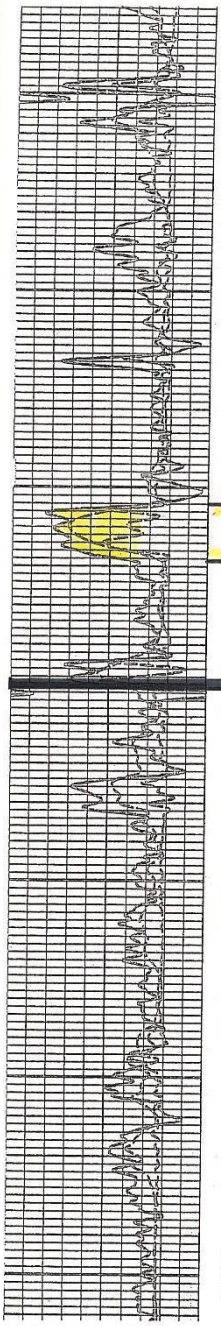




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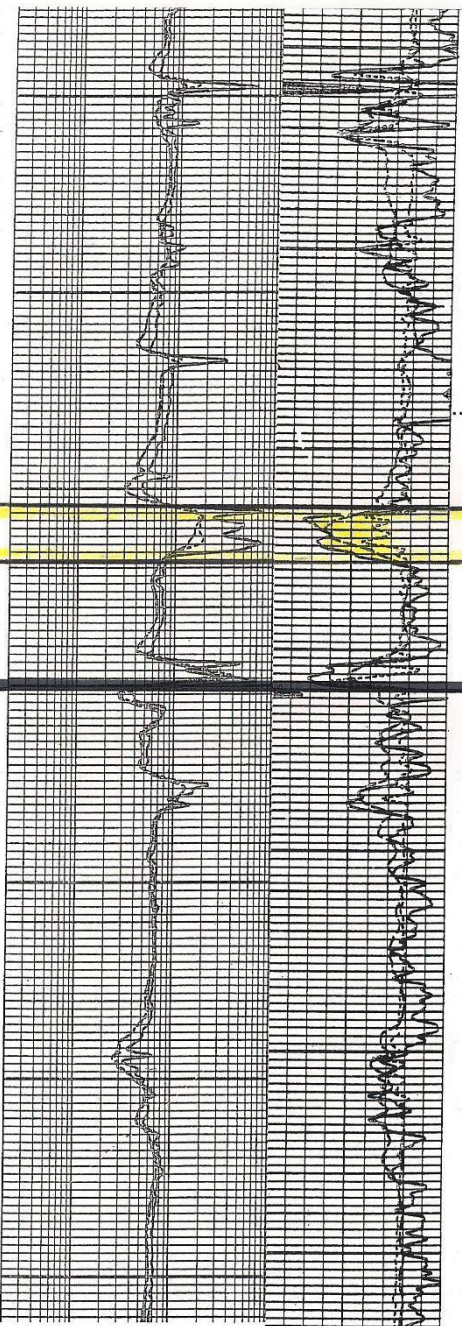


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03500

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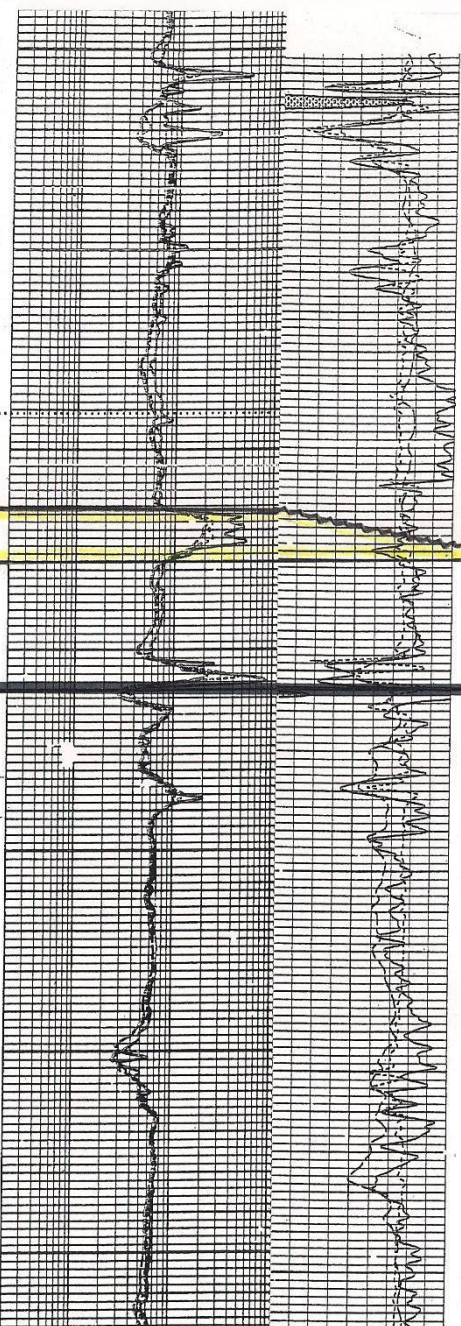
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03400

03500

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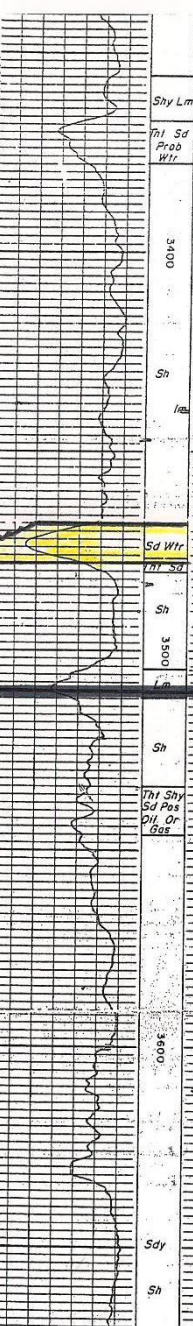
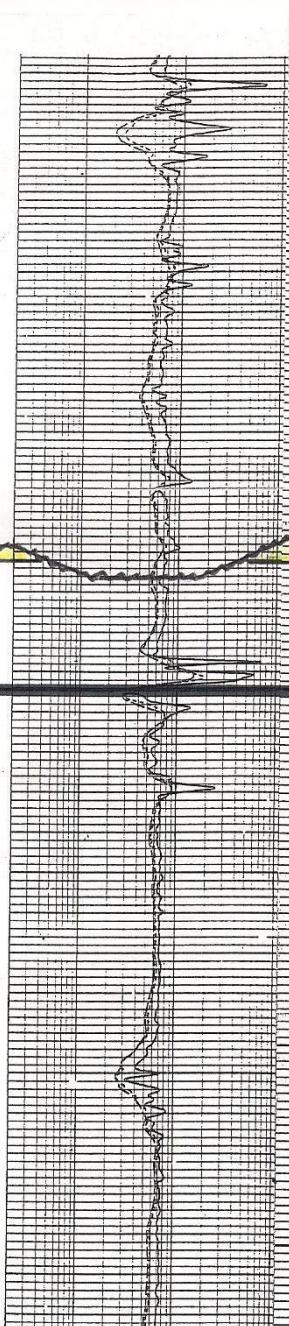


03400

03500

03600

03700



Shy Lm
Thi Sd
Prob
Wtr

3400

Sh

la

Sd Wtr

Thi Sd

Sh

3500

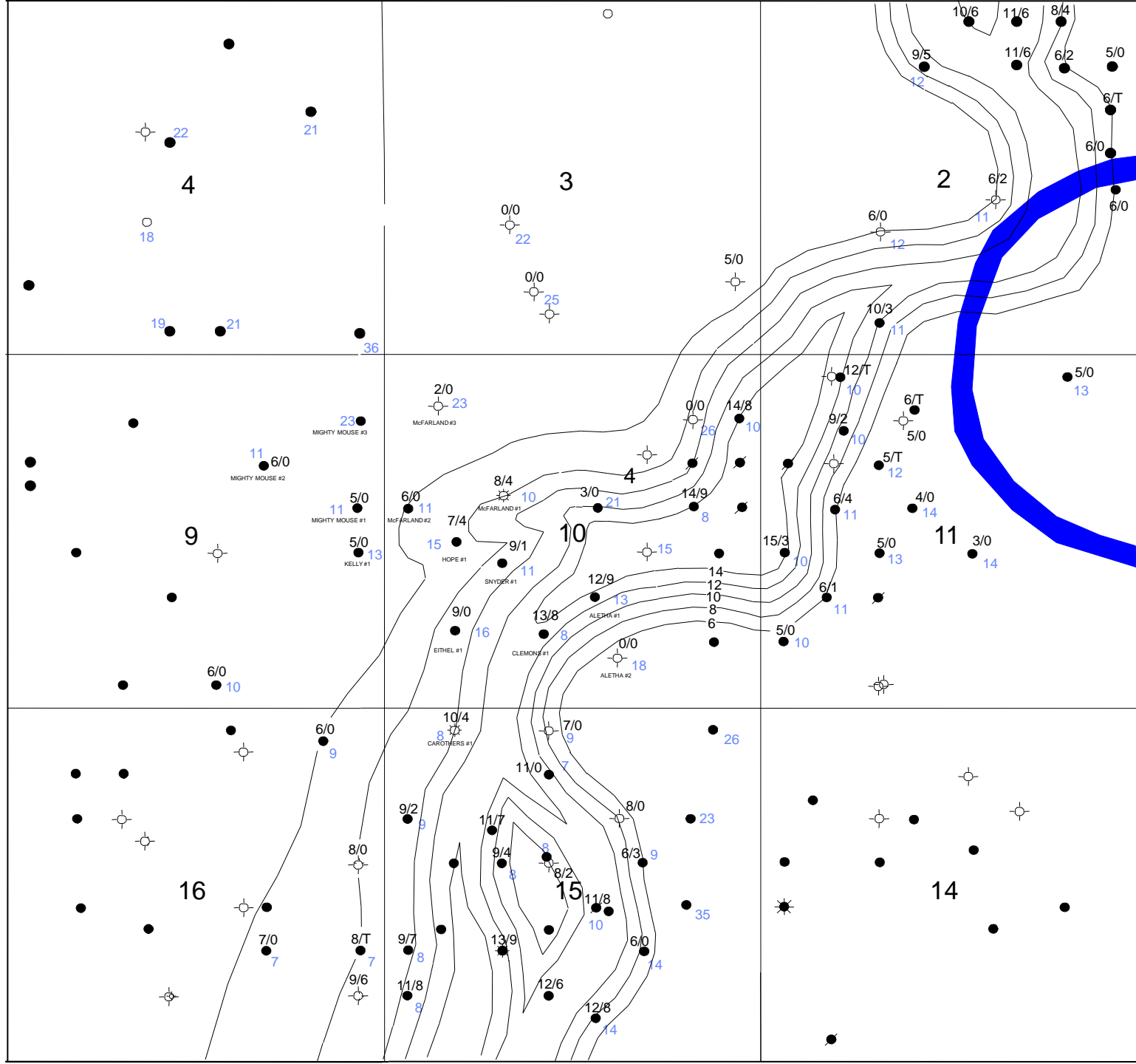
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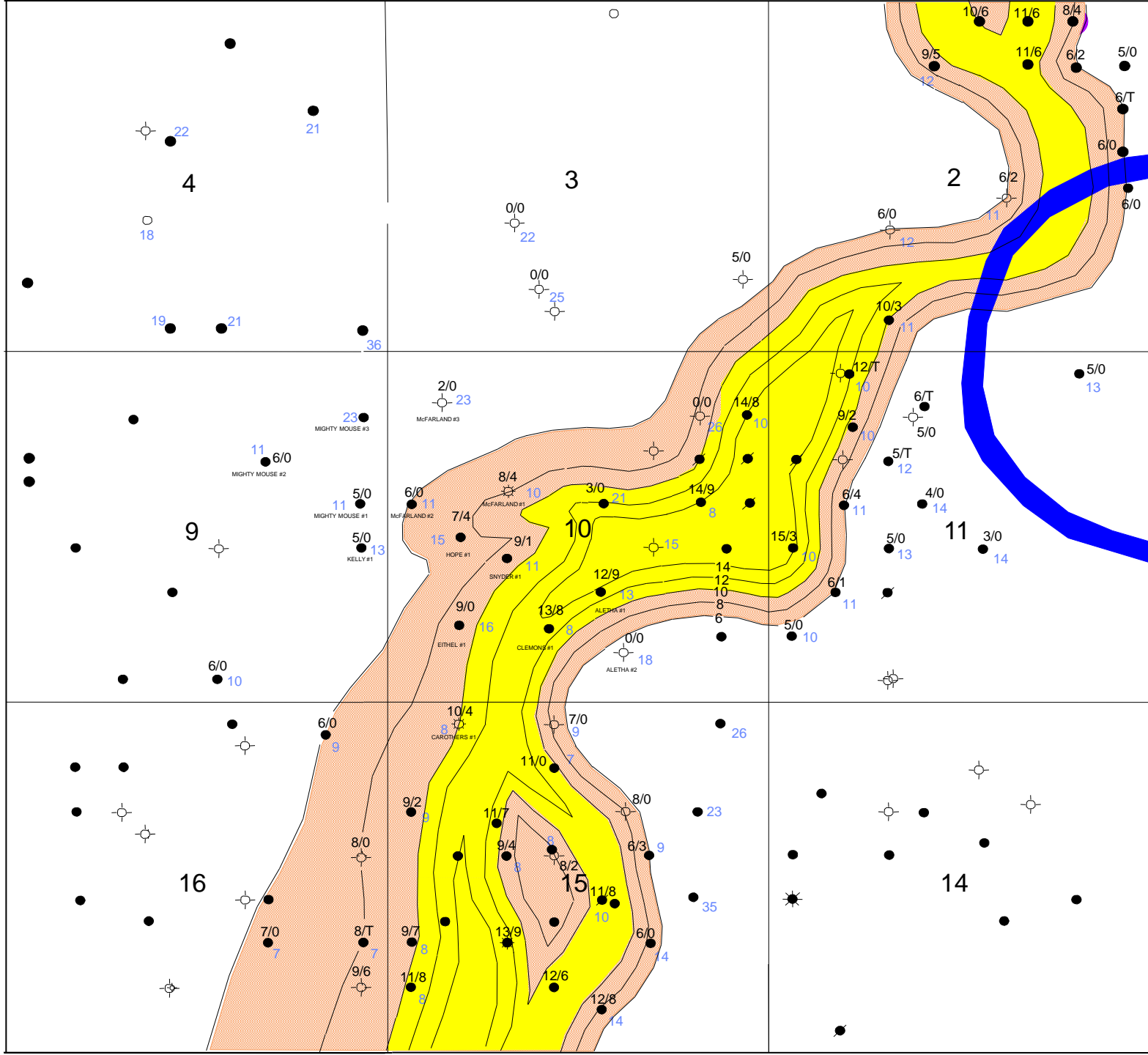
Thi Shy
Sd Pos
Dil Or
Gas

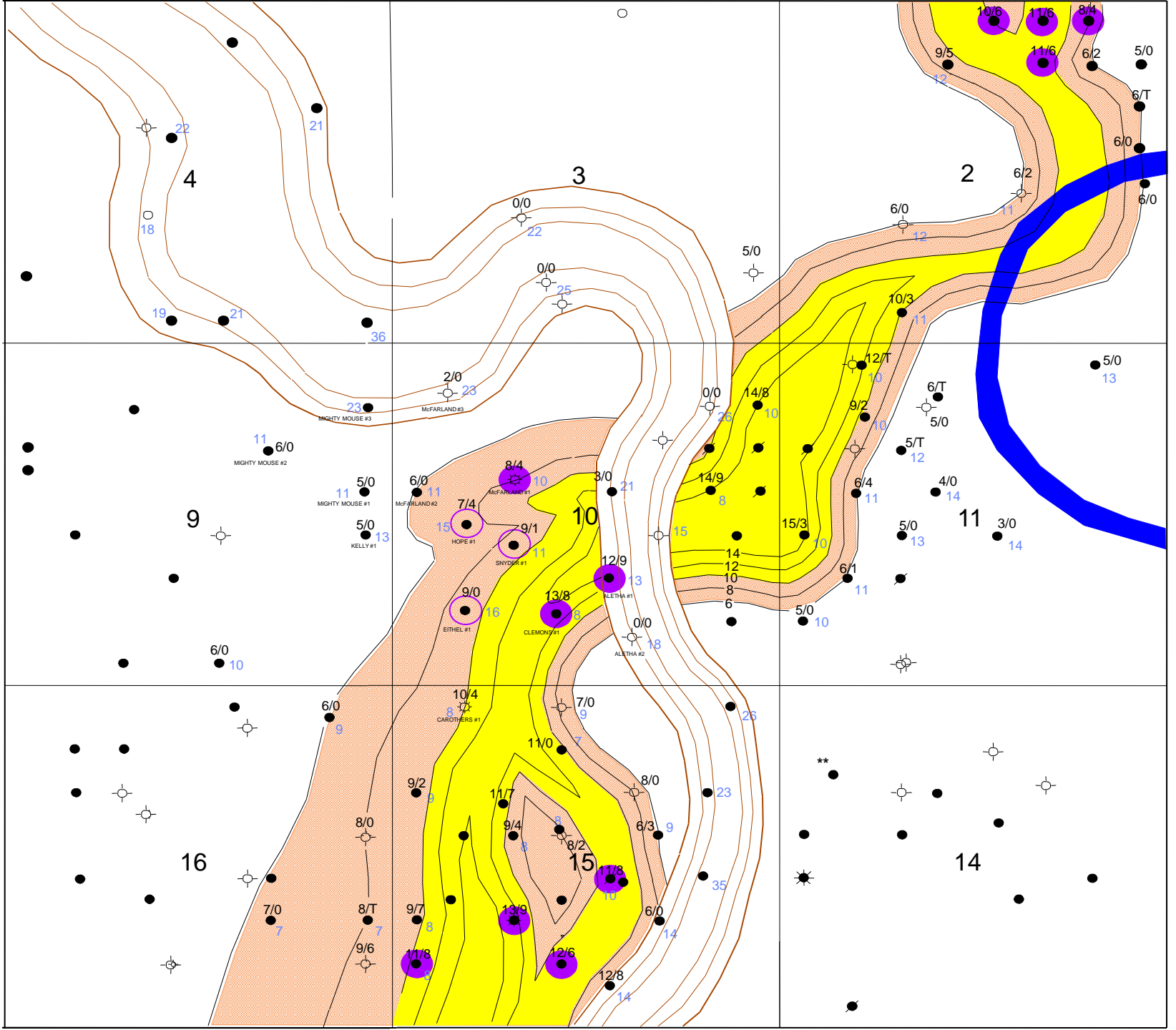
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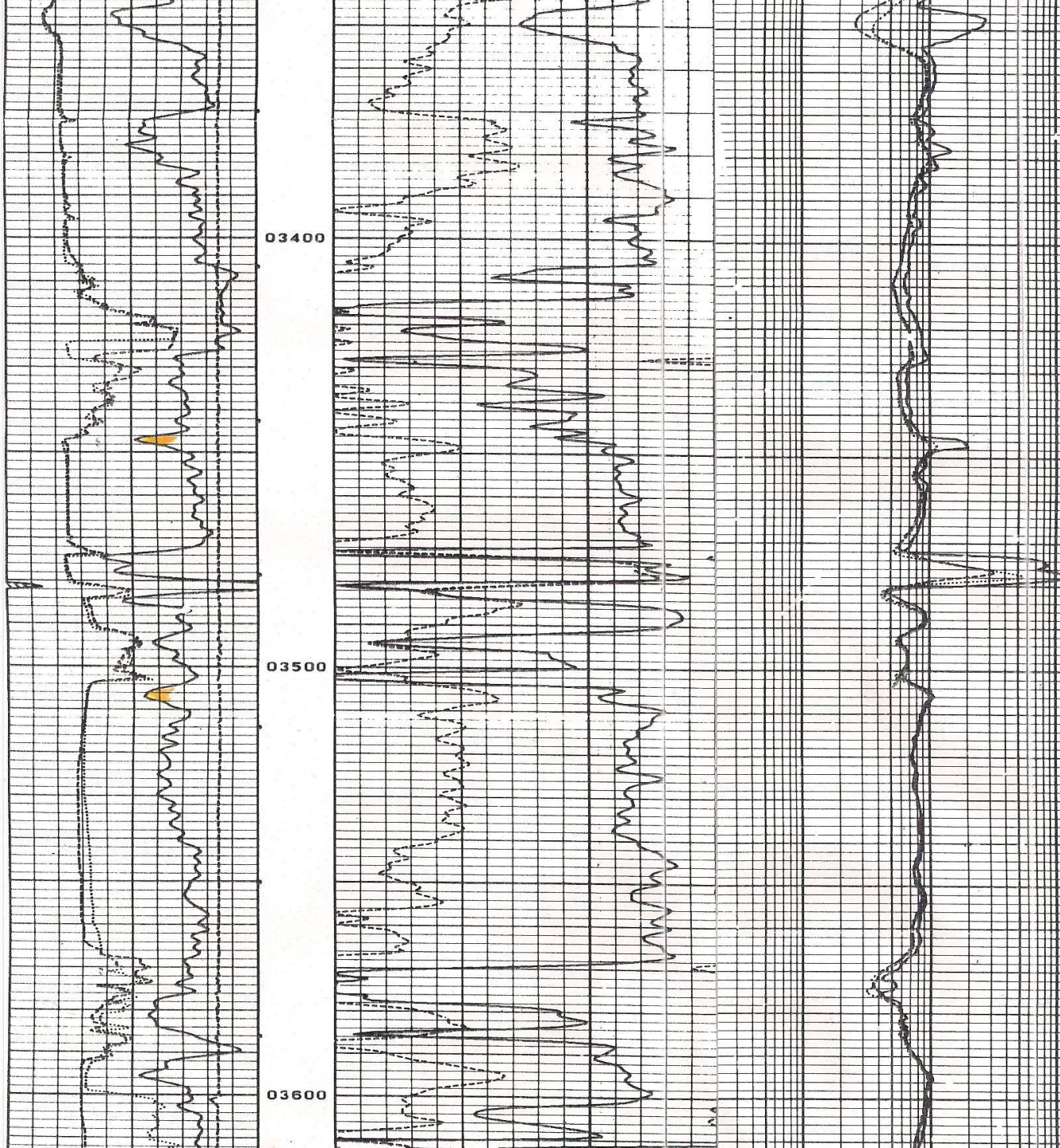
Sdy

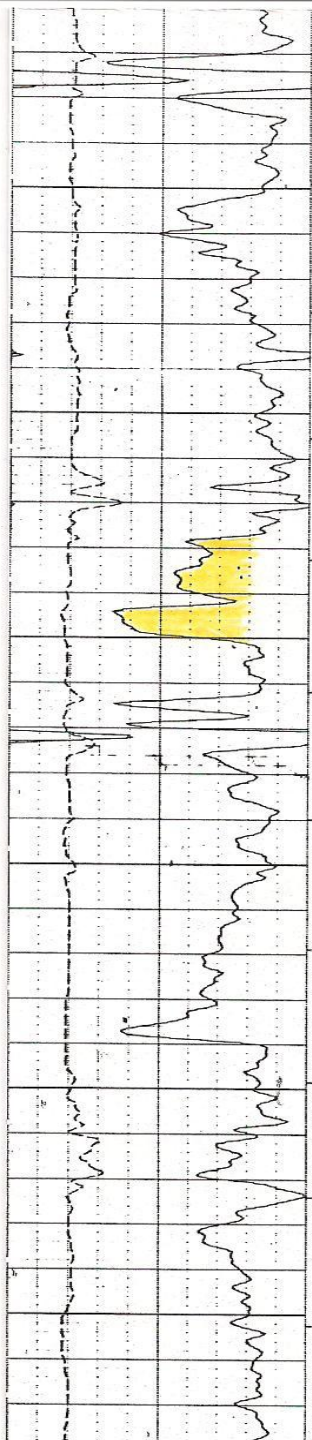
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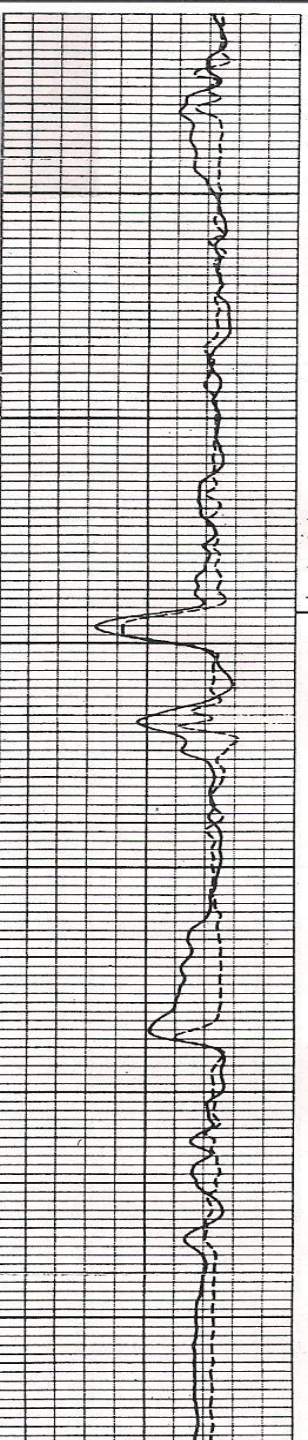
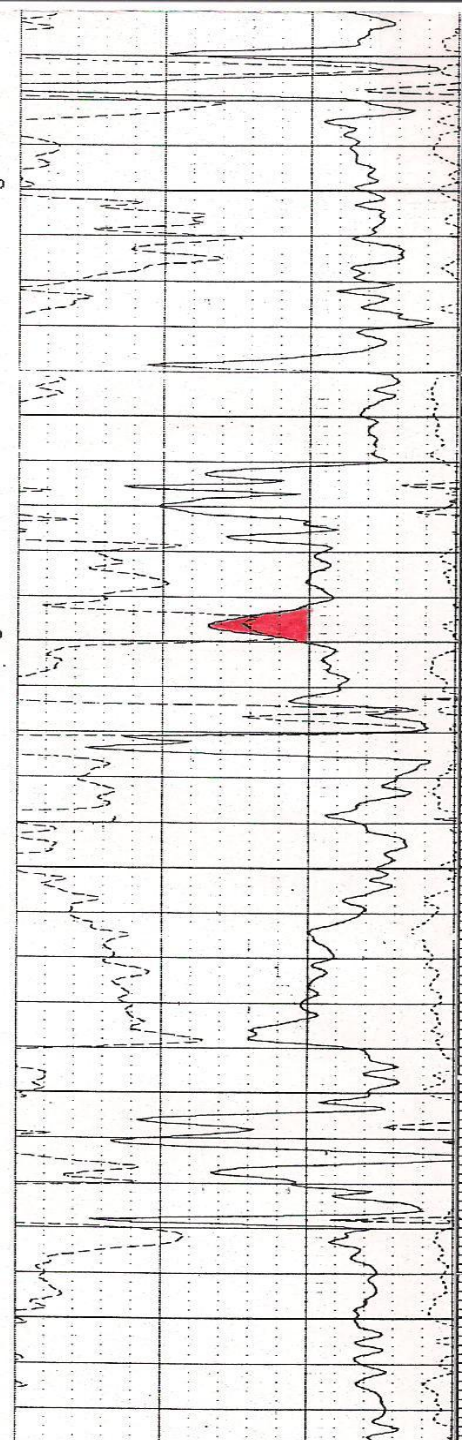




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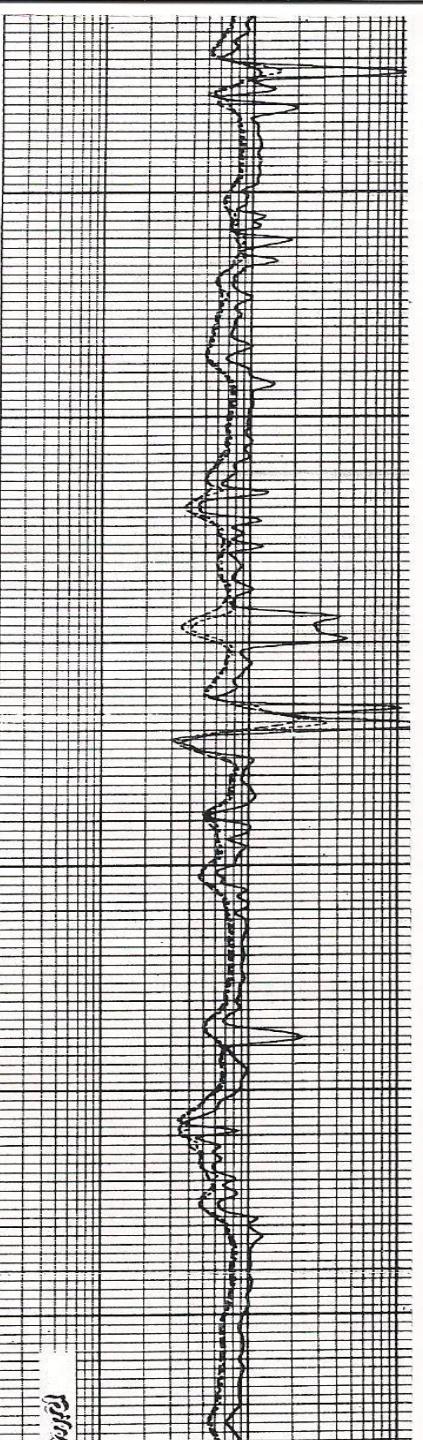
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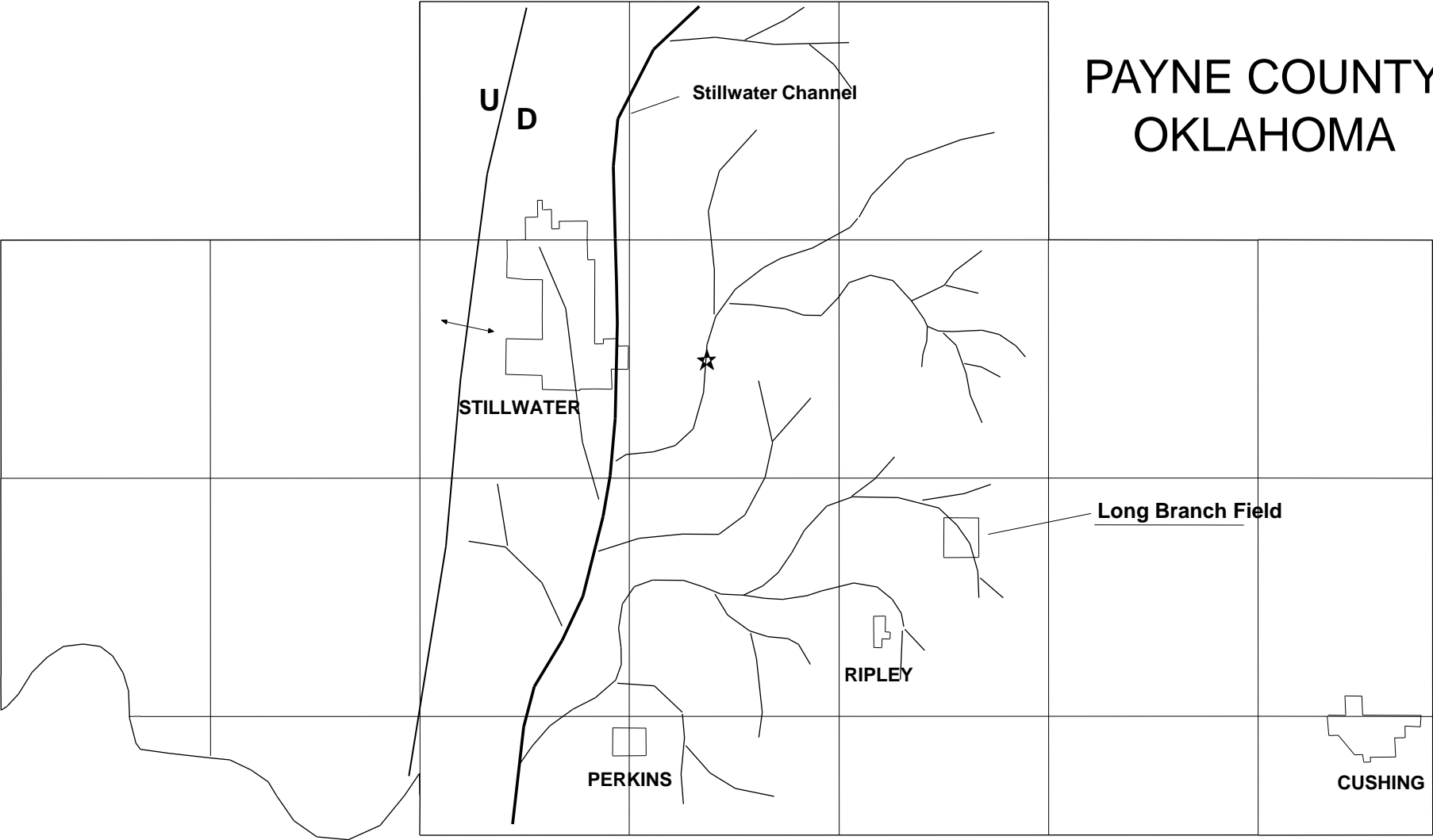
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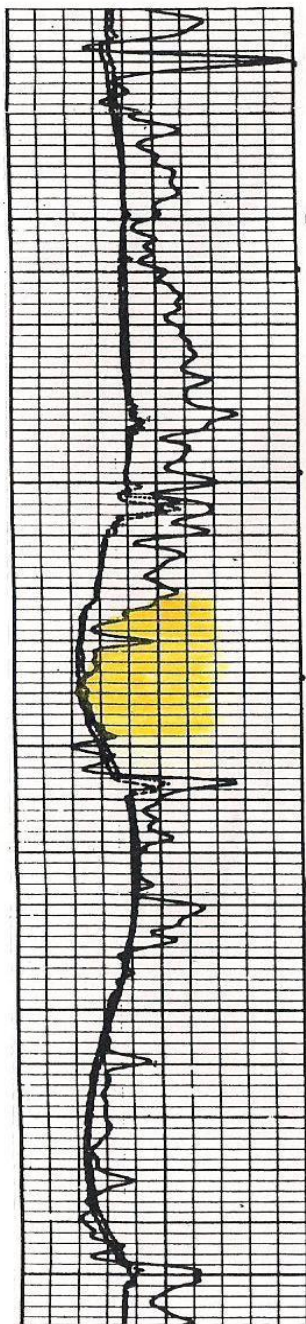


3800

PAYNE COUNTY OKLAHOMA



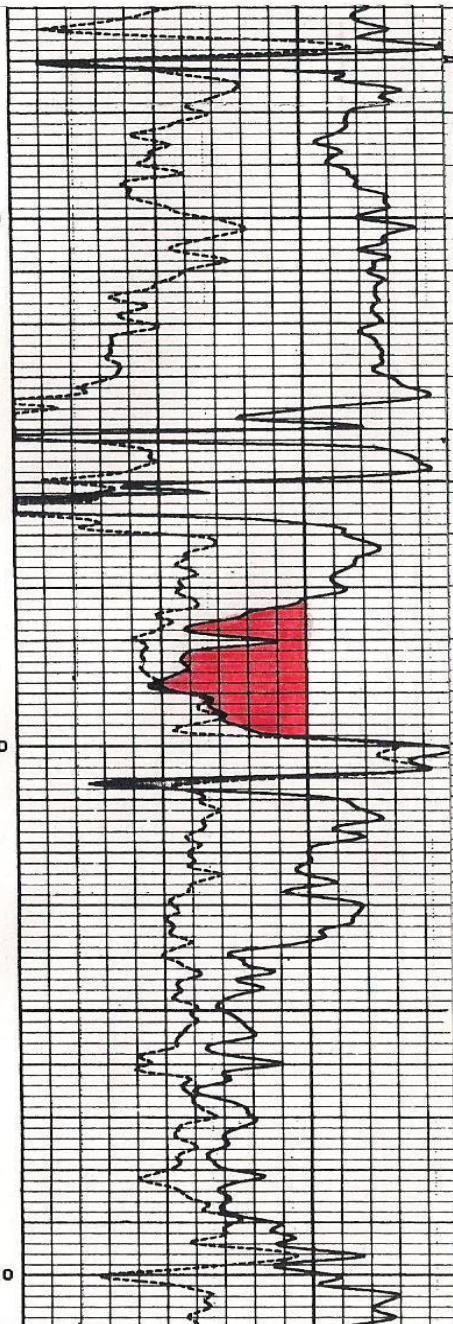
L. SKINNER TIDAL CHANNELS



03800

03900

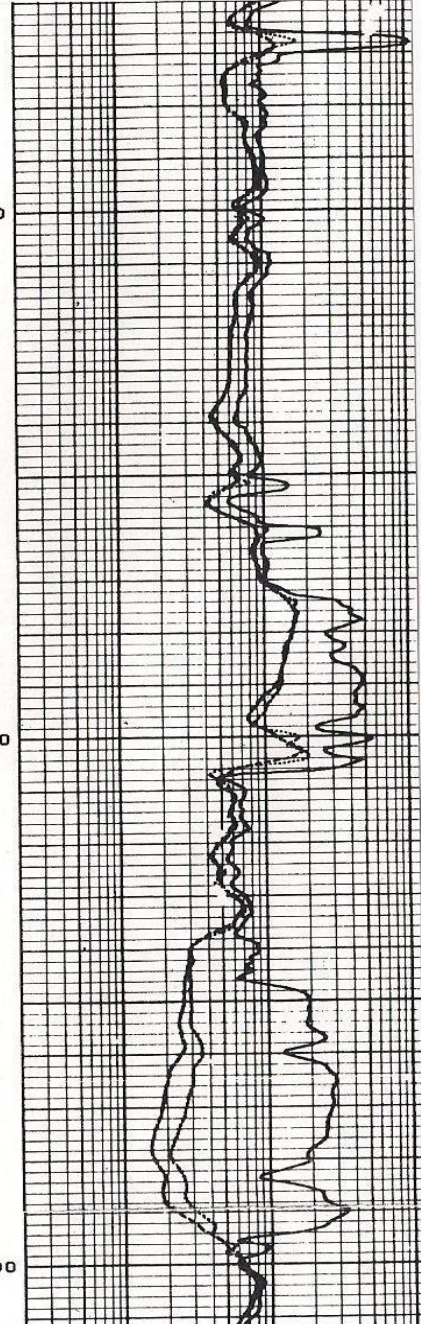
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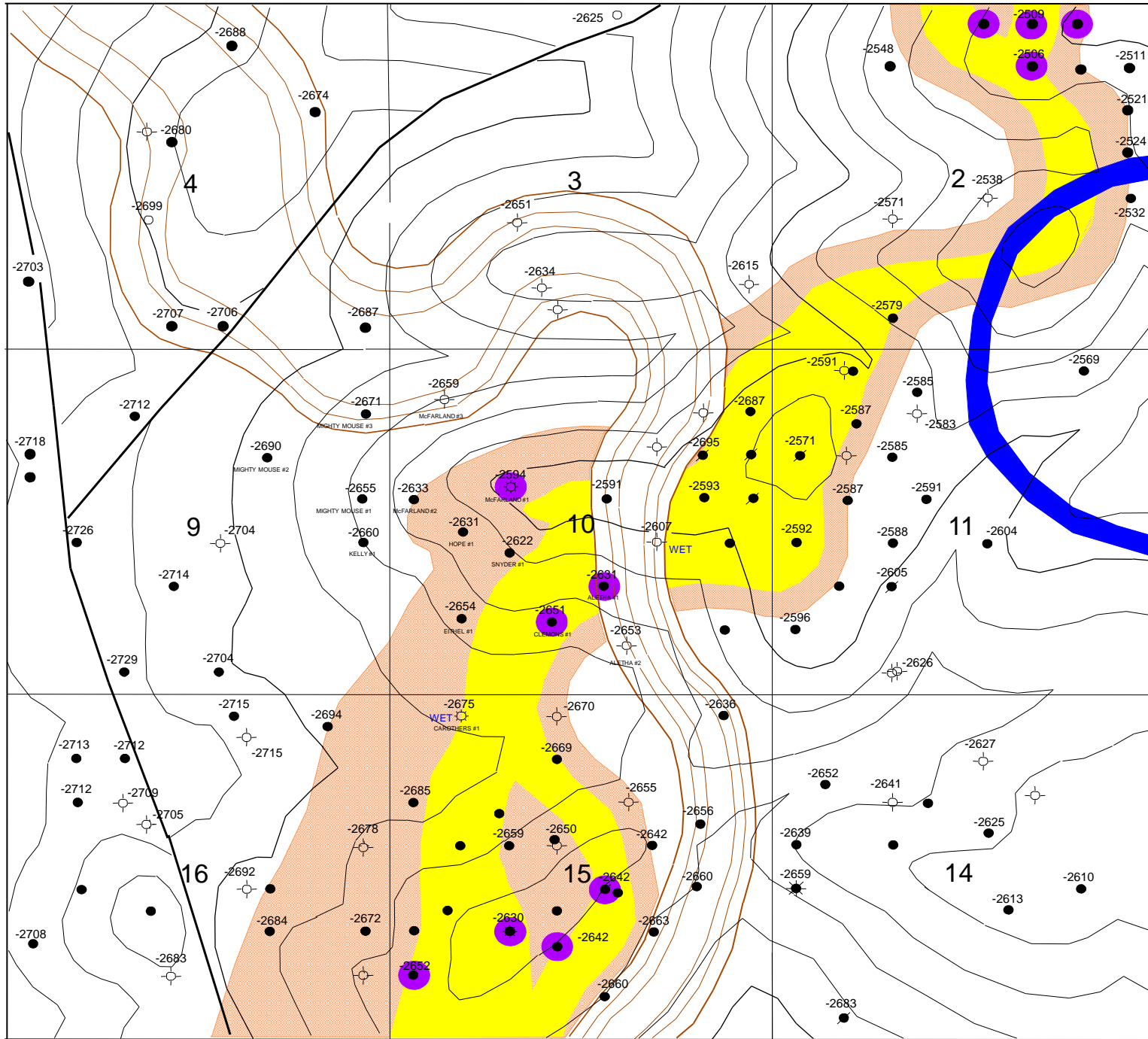


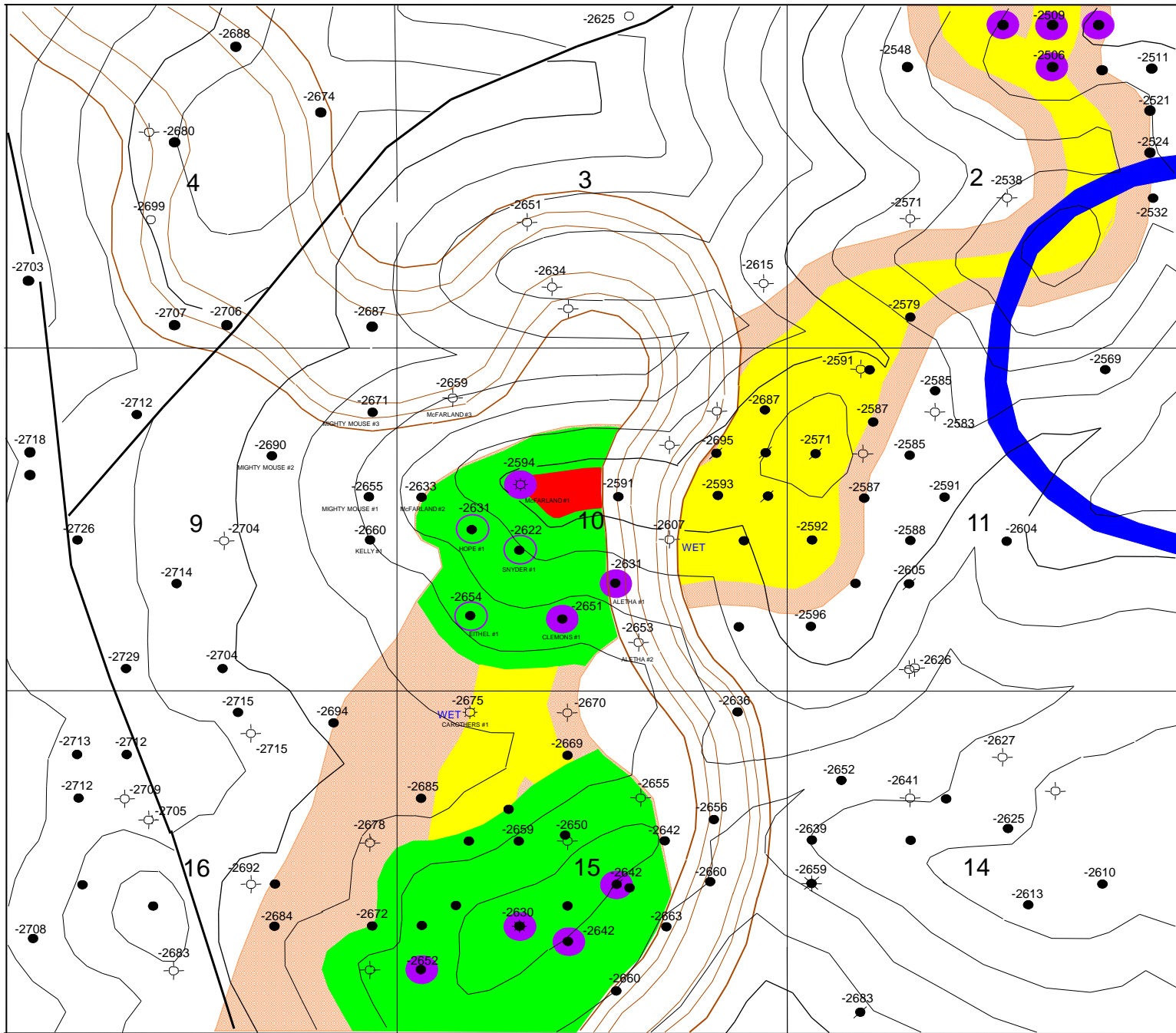
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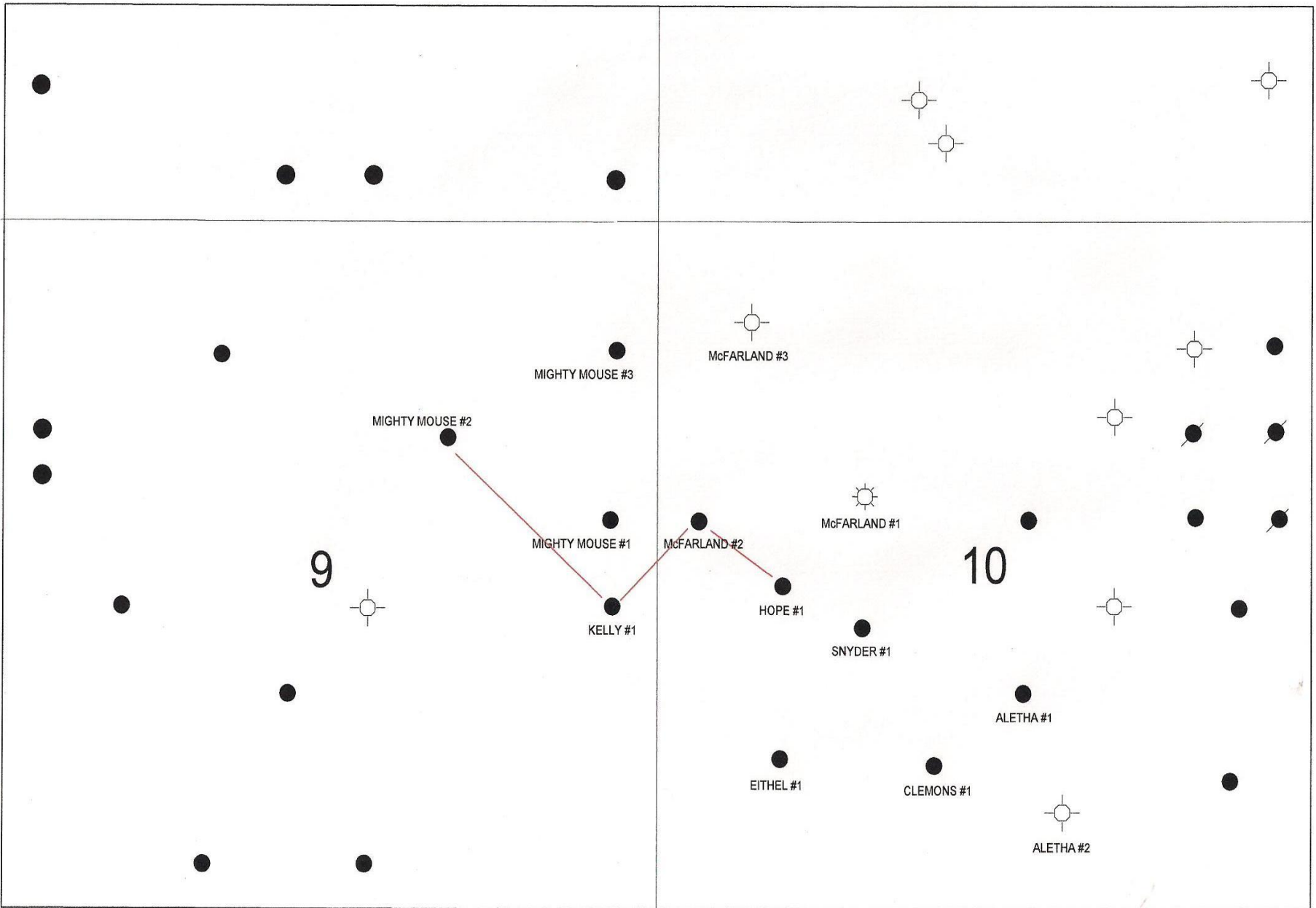
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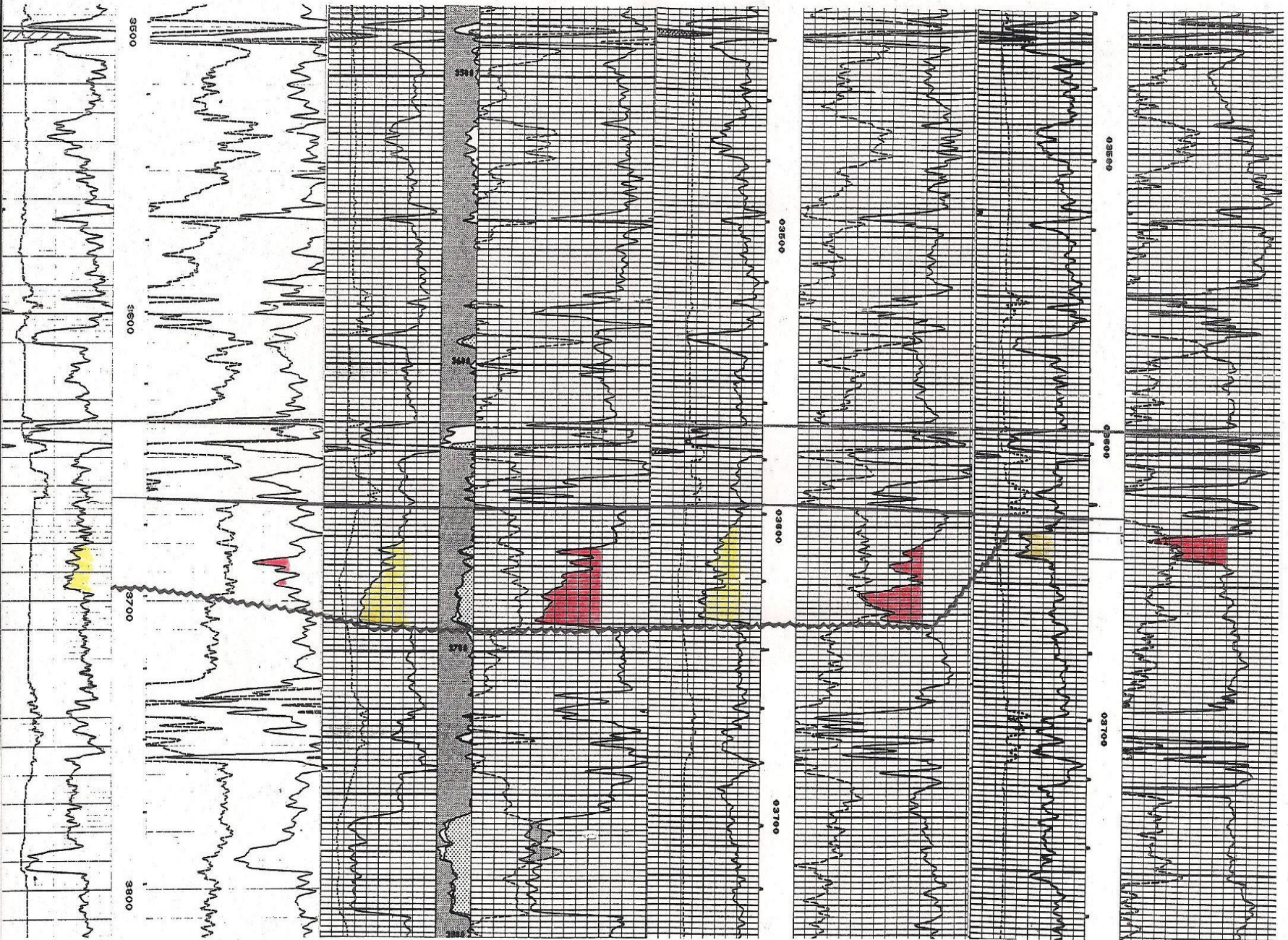
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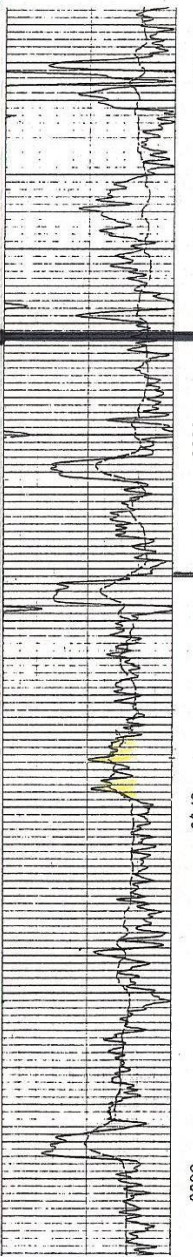
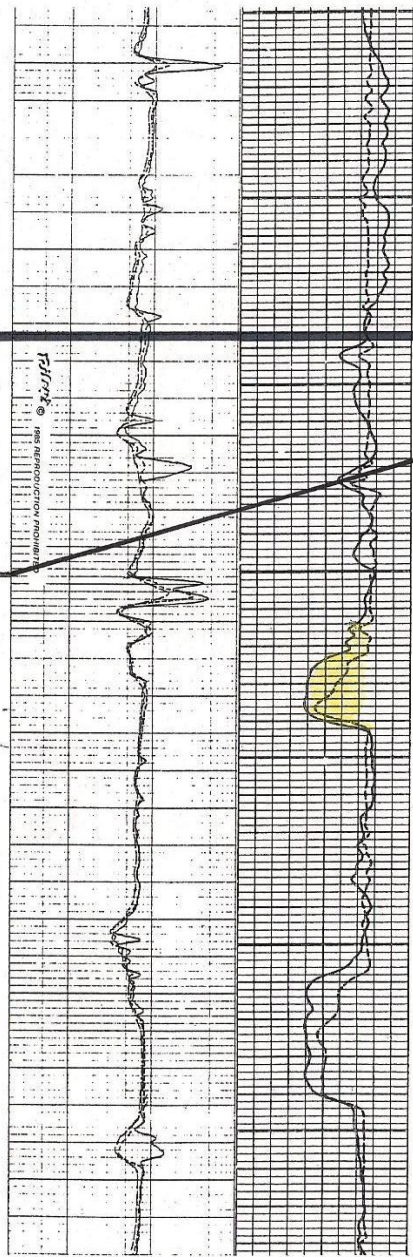
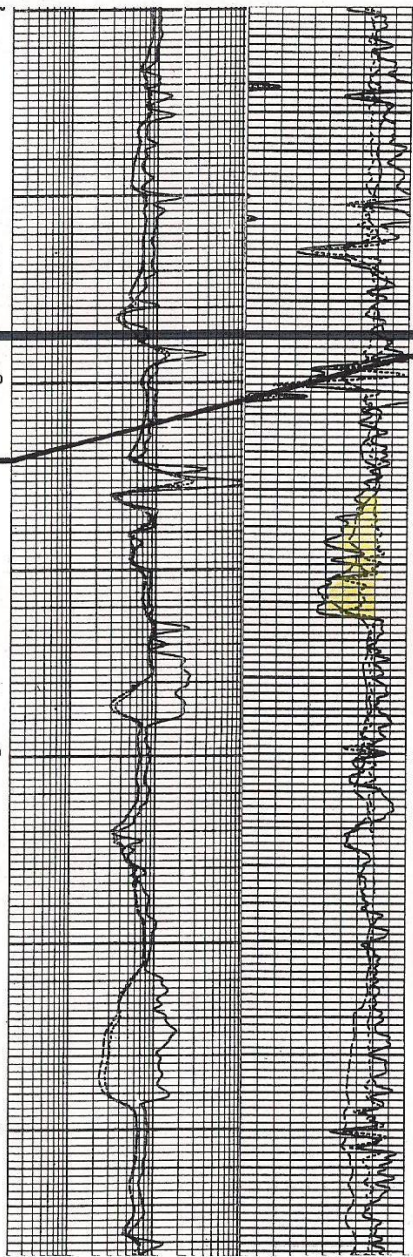
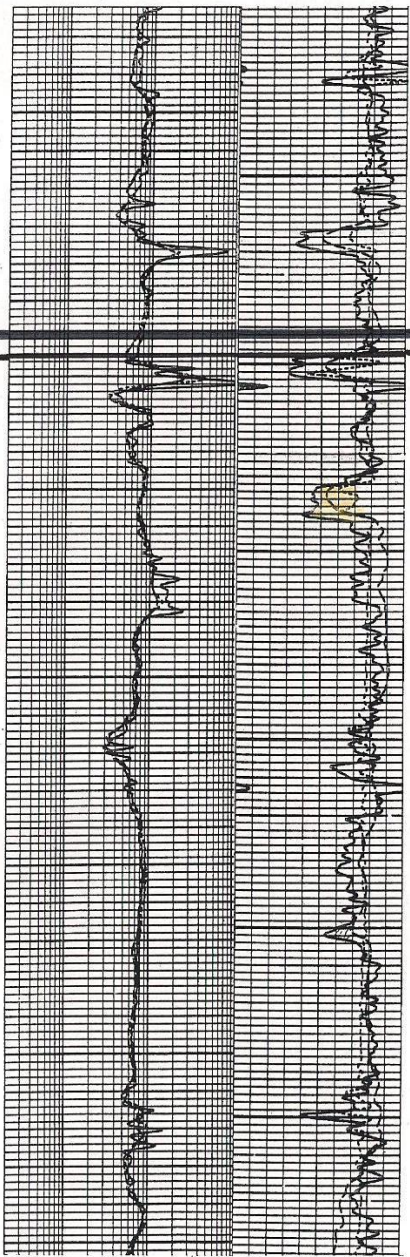
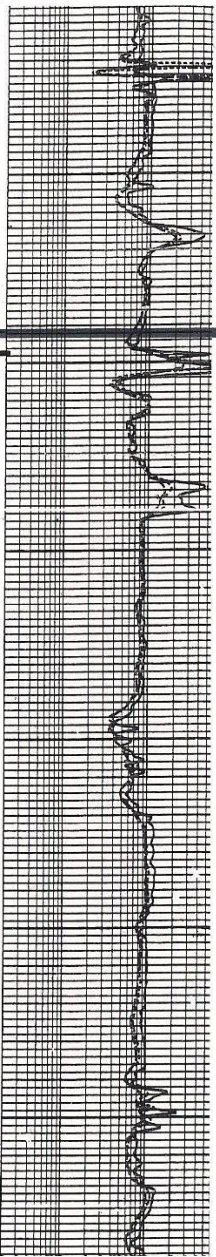


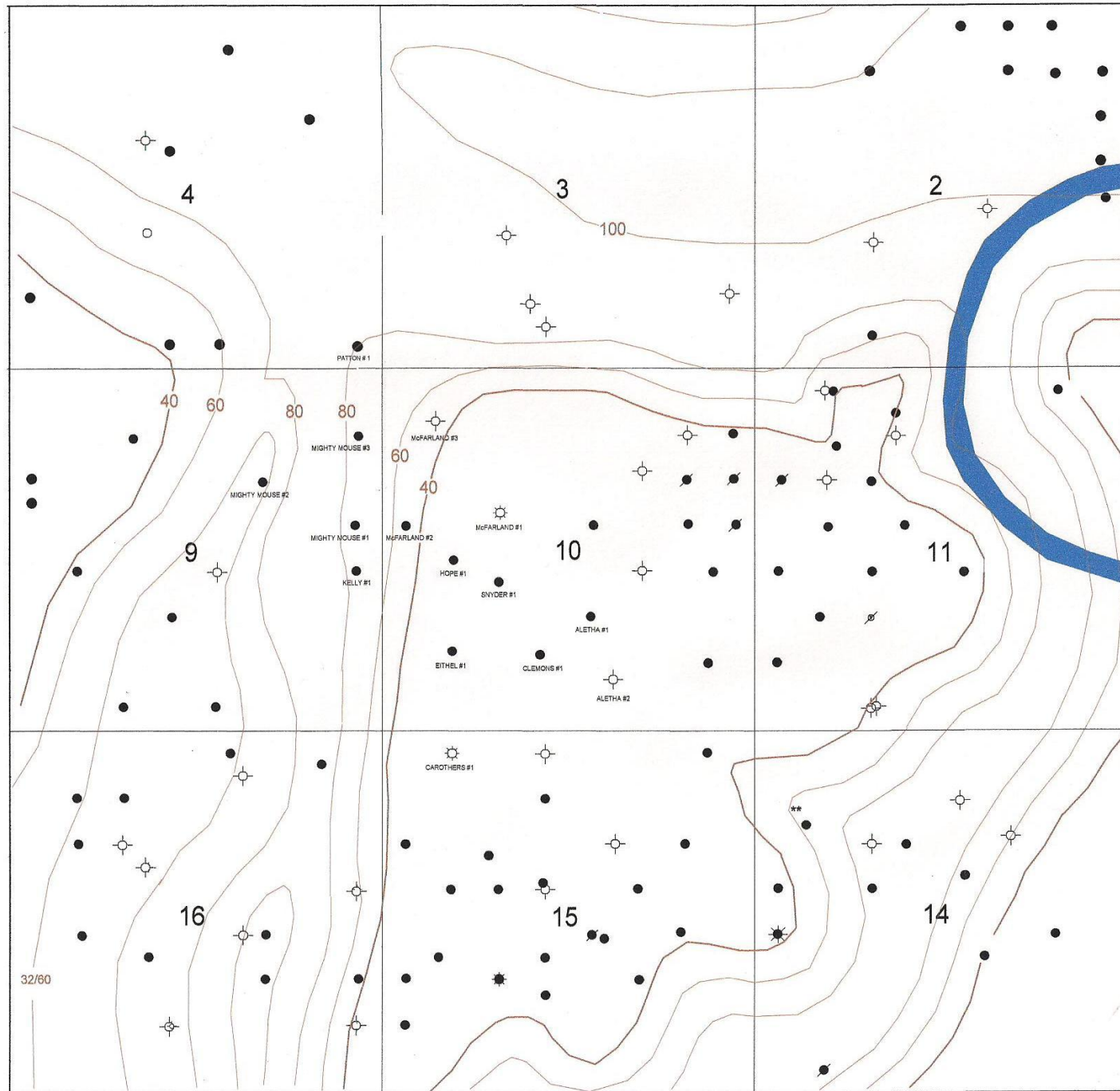


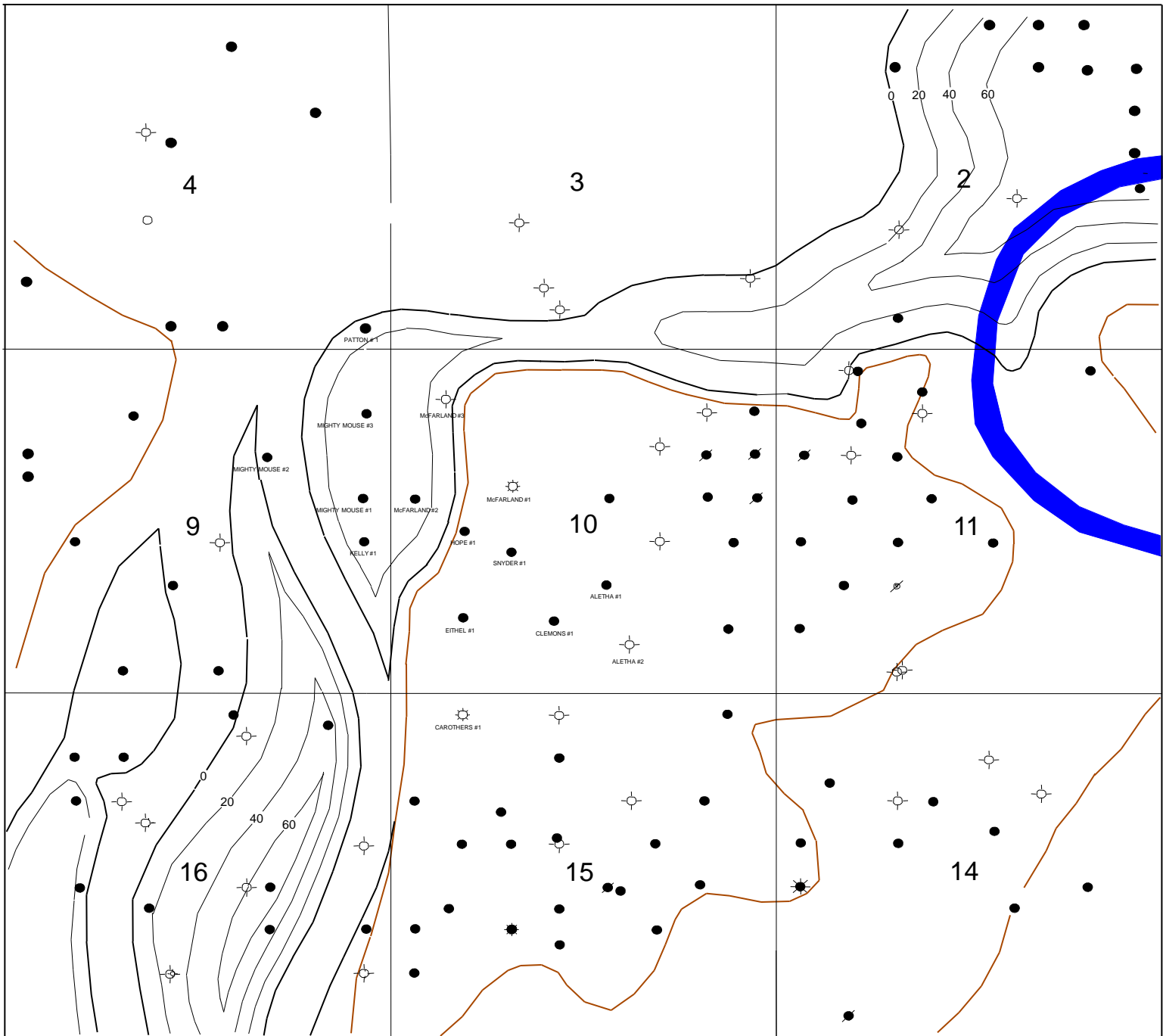


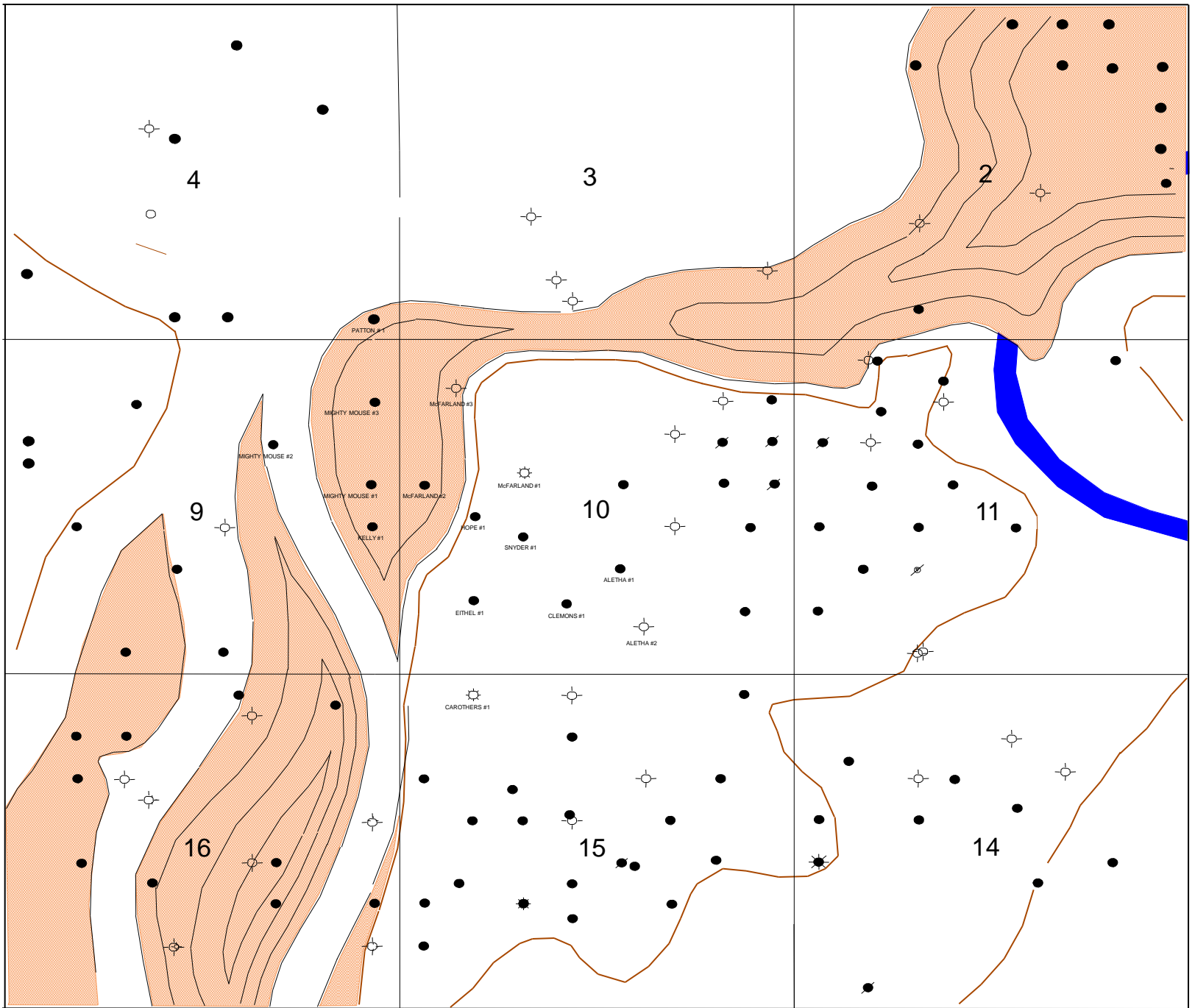


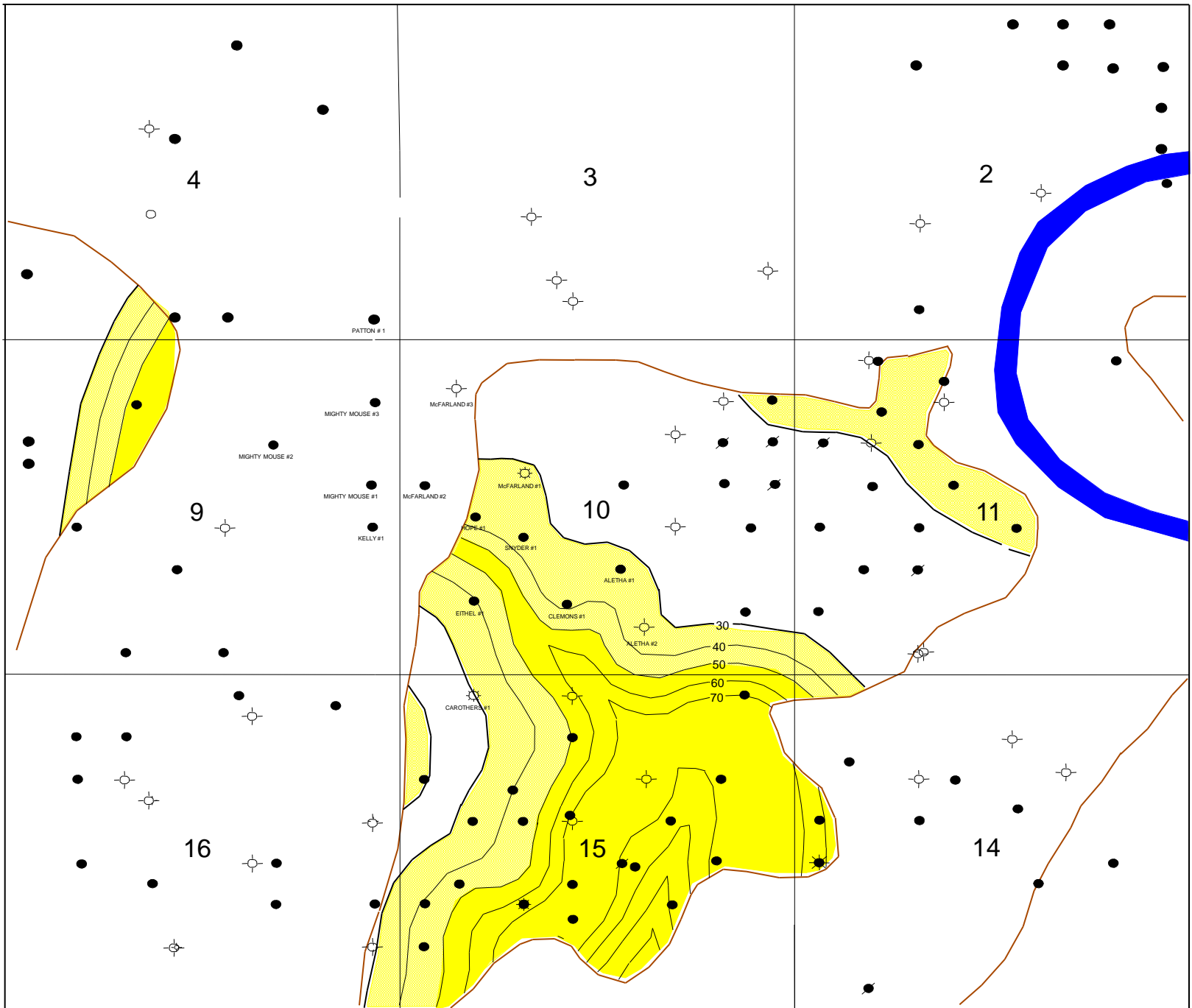


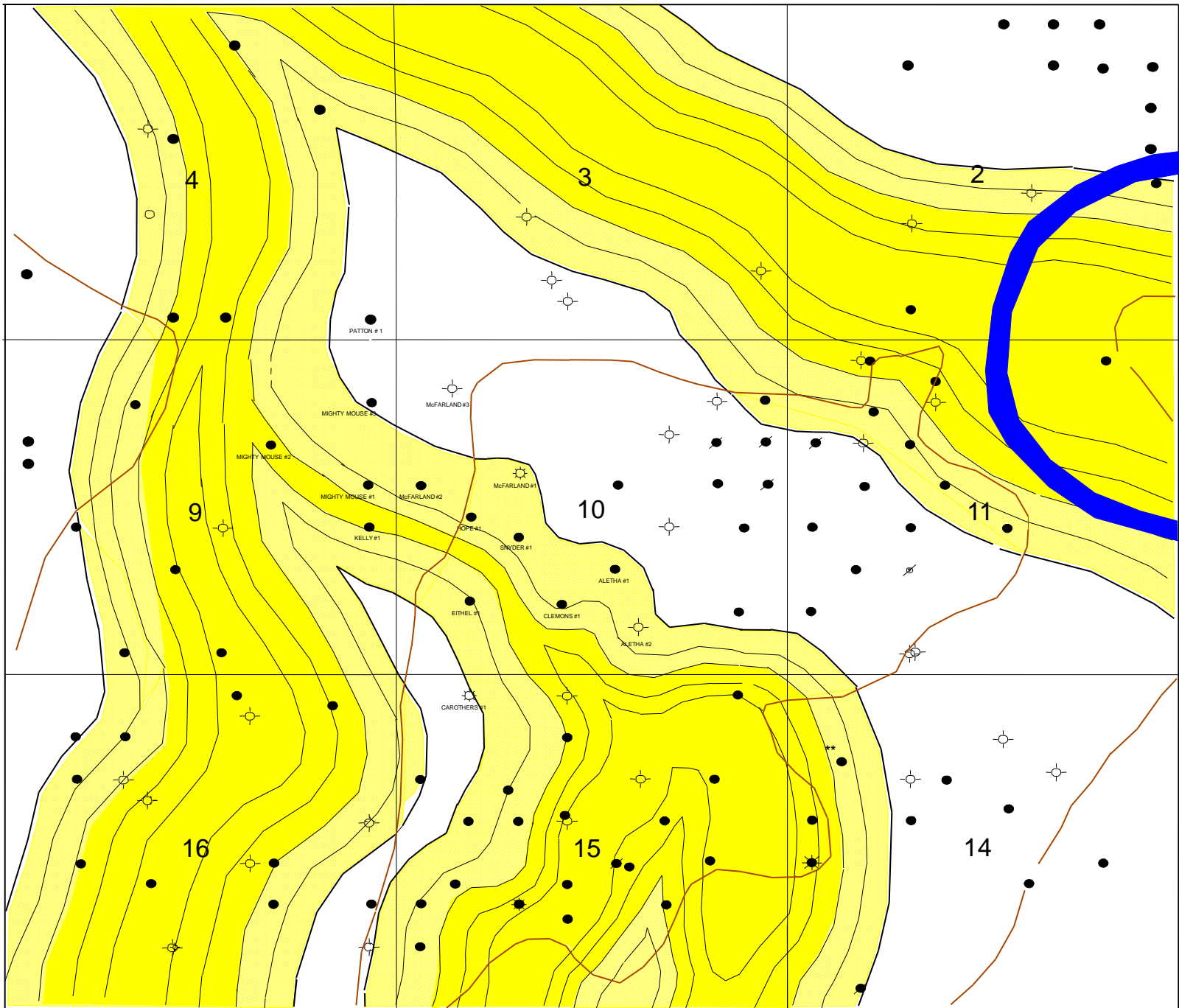


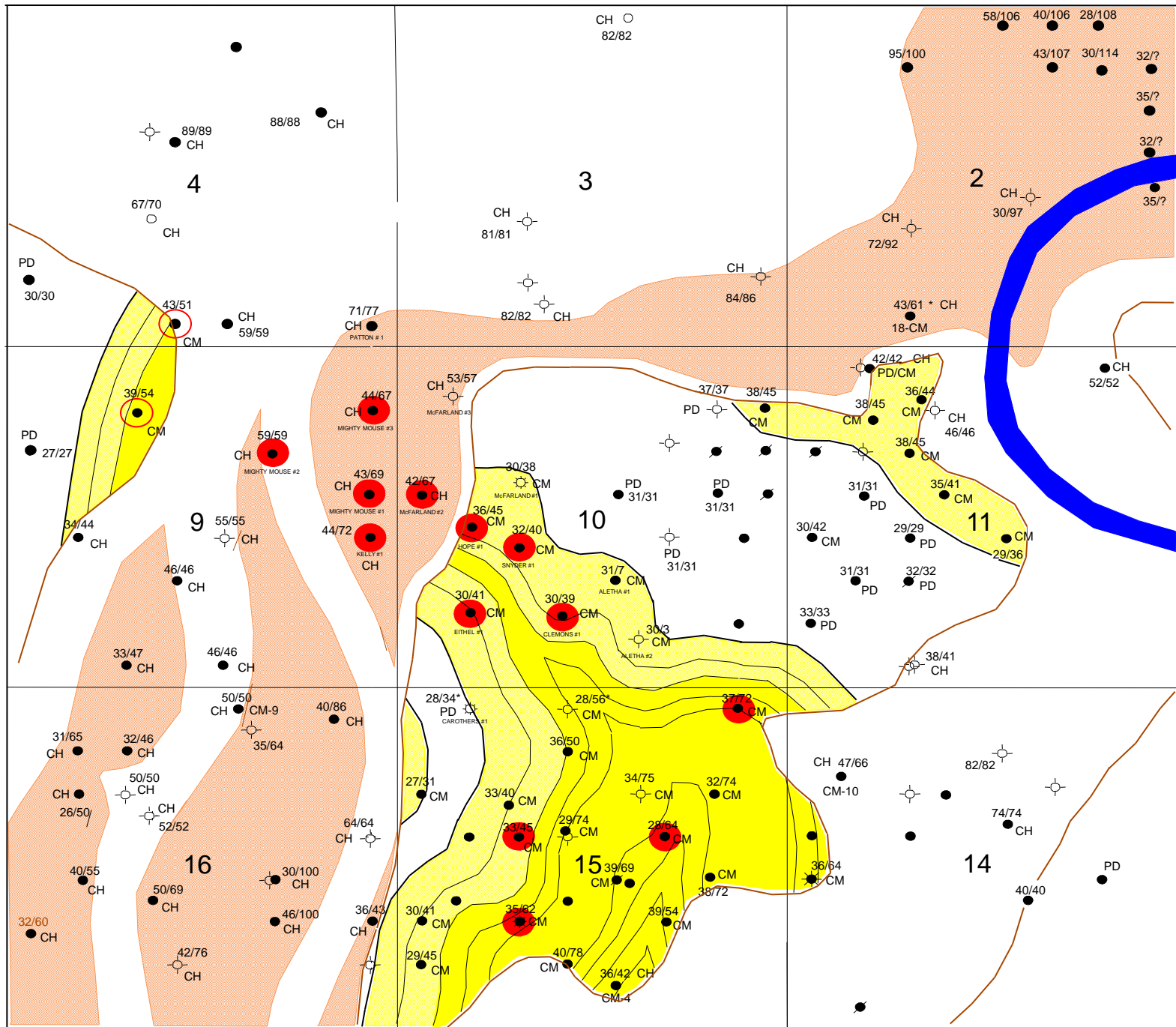


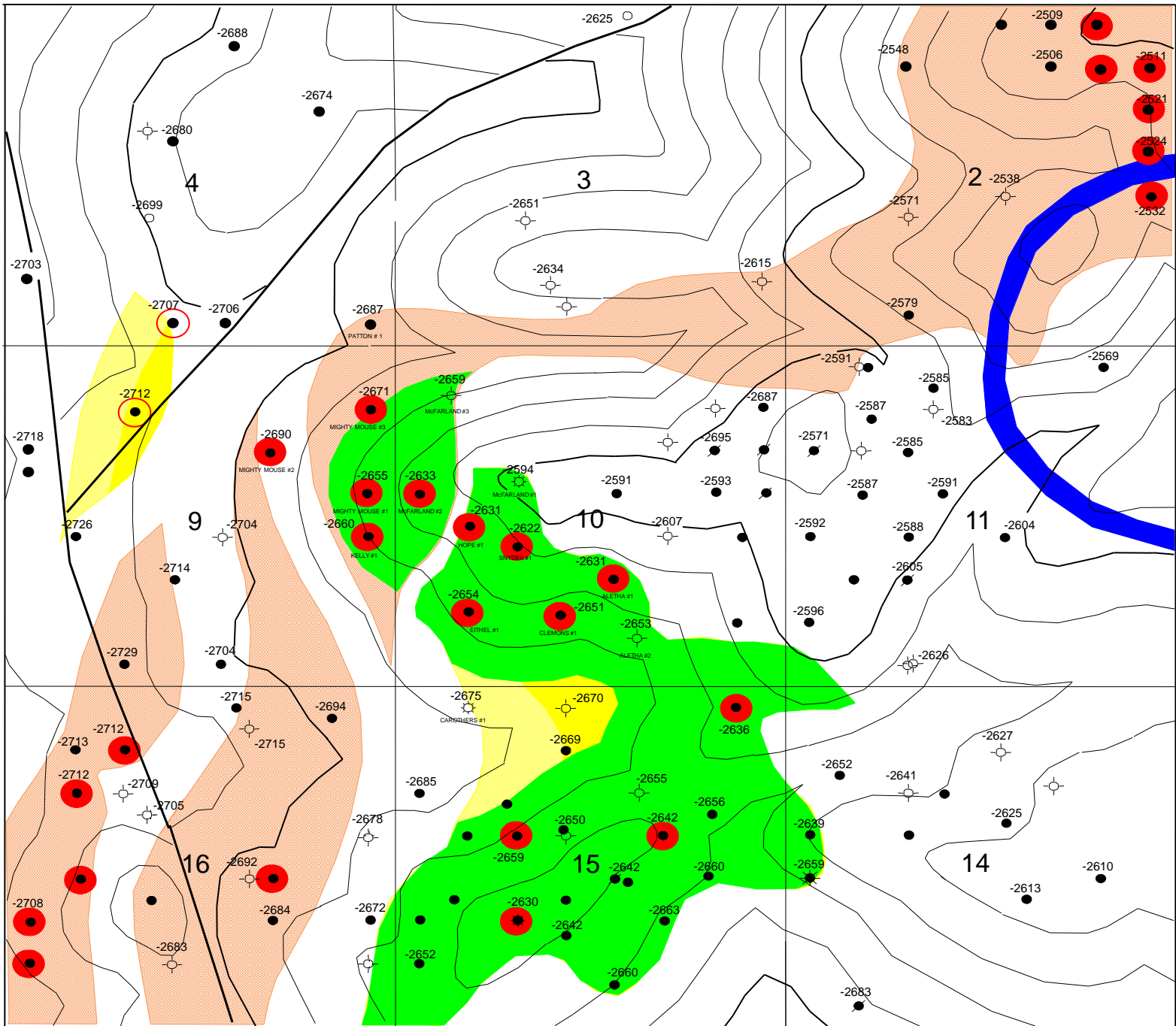


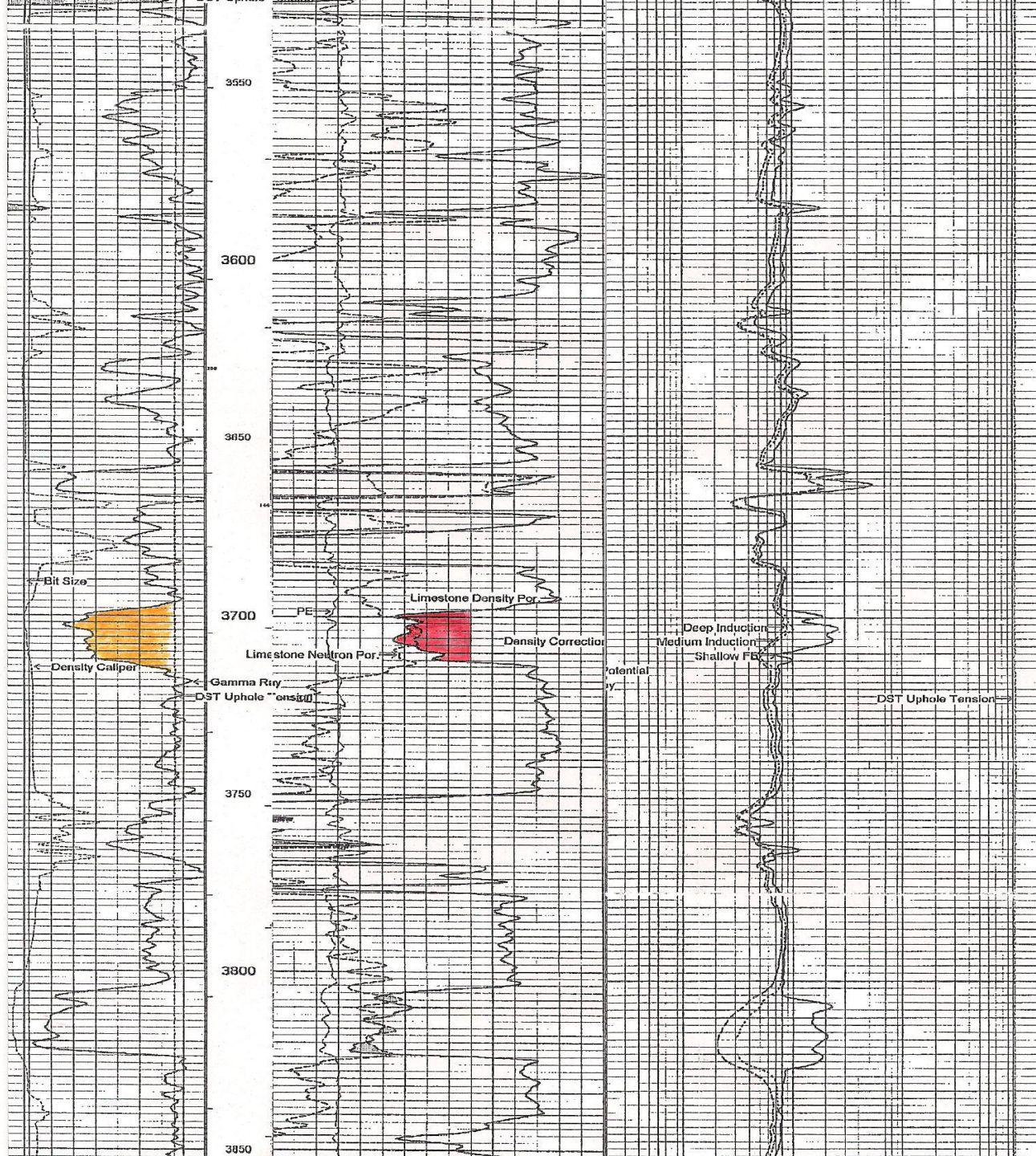


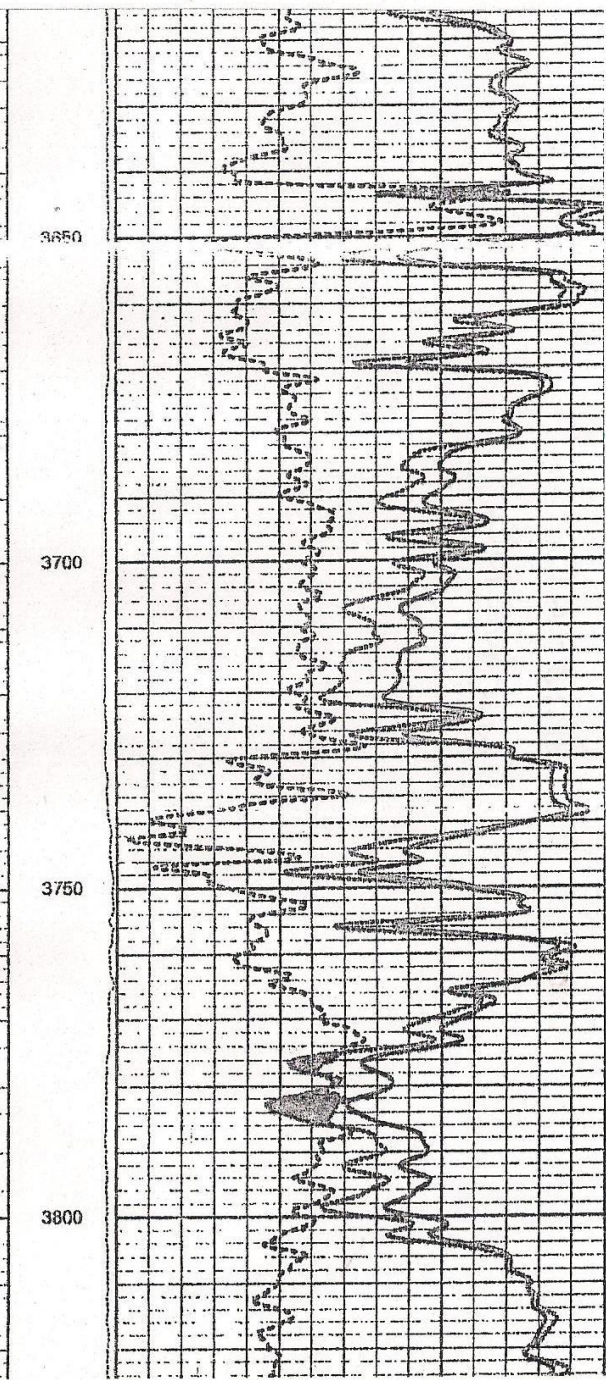
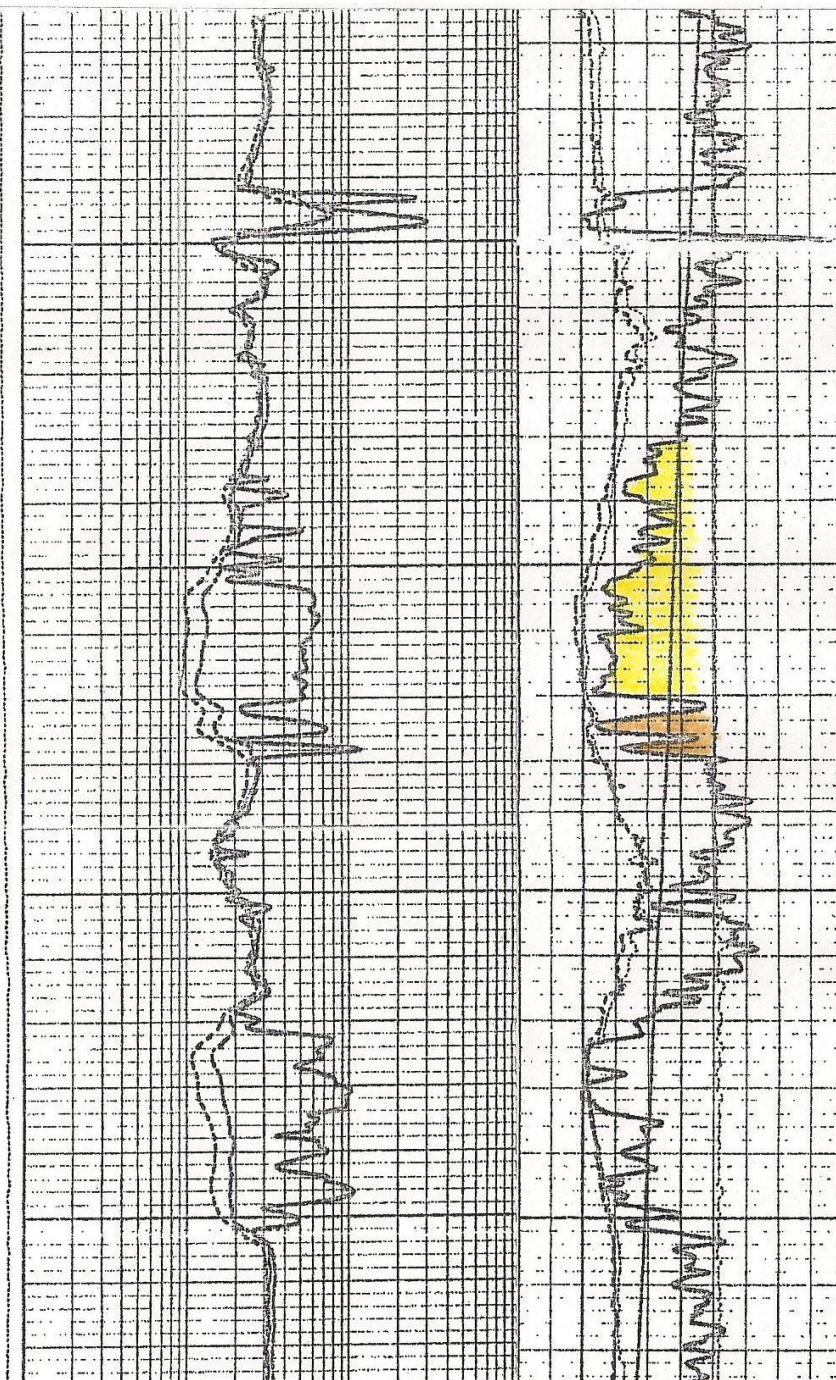
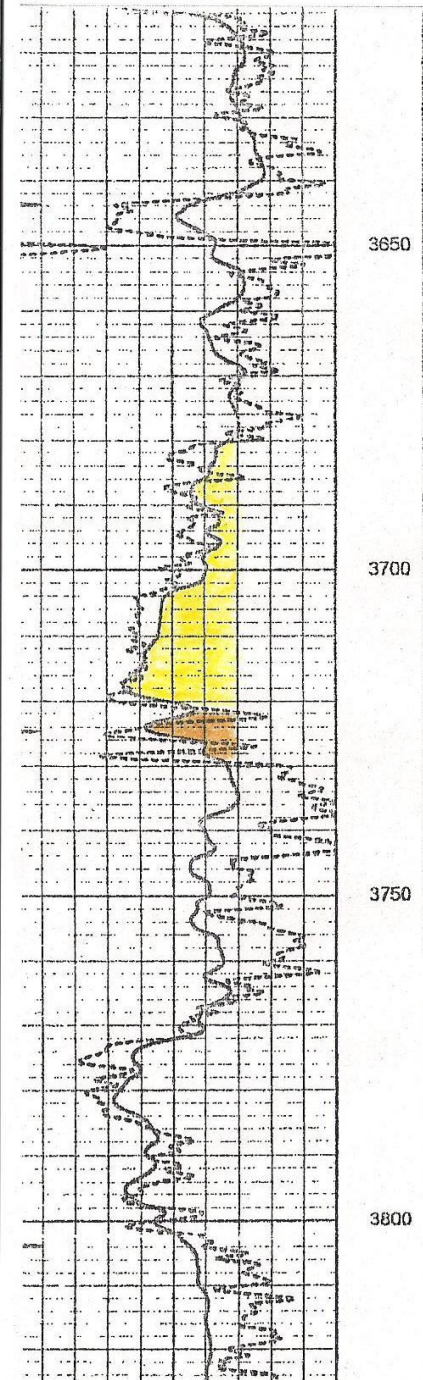


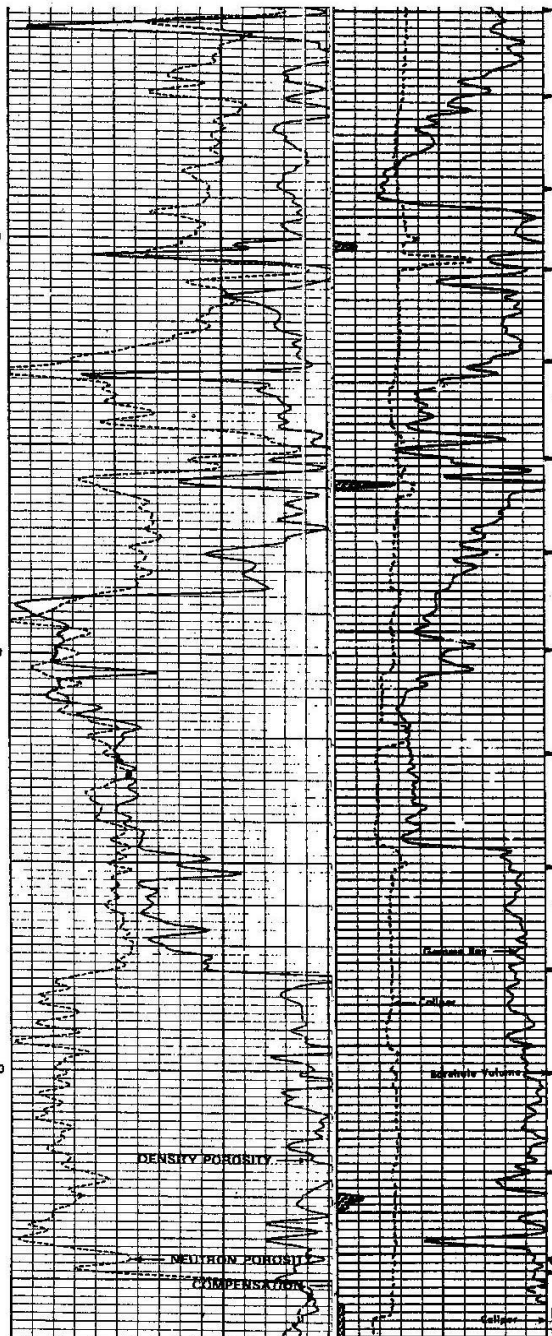
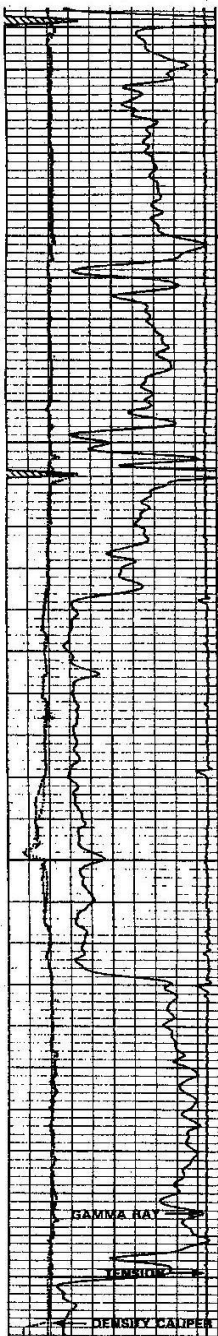












300

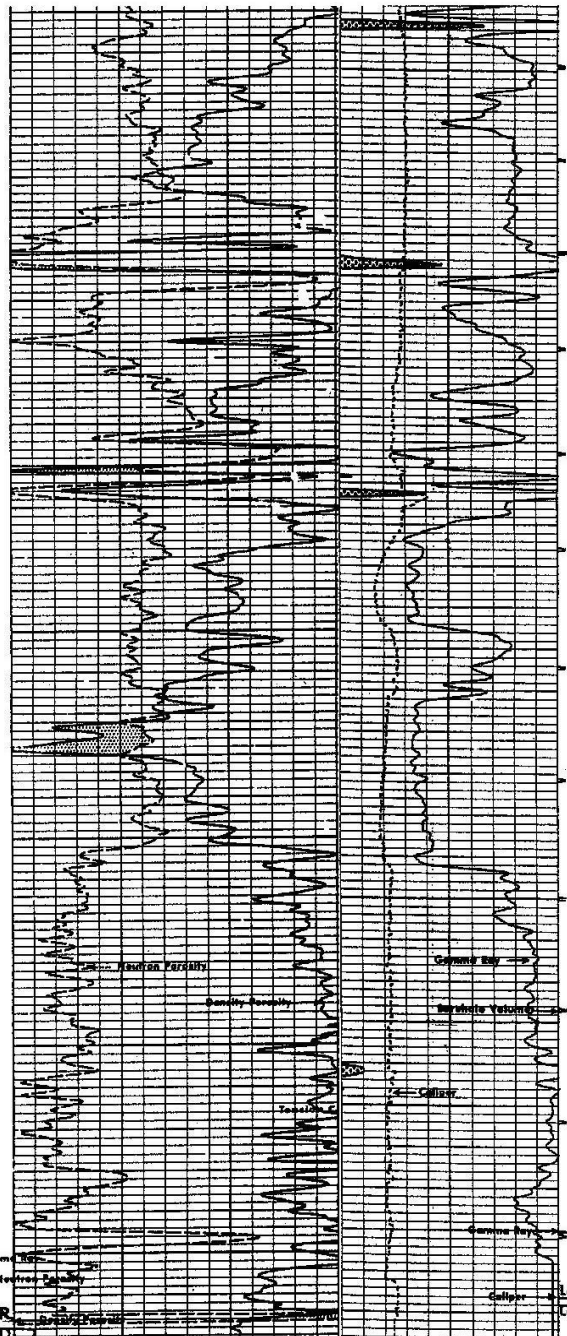
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03500

03600

Log F.R.

Log I.D.



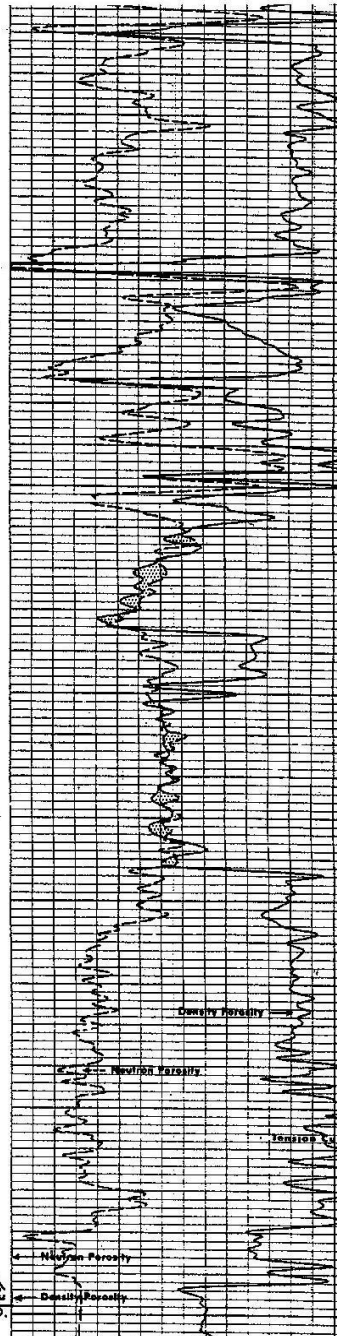
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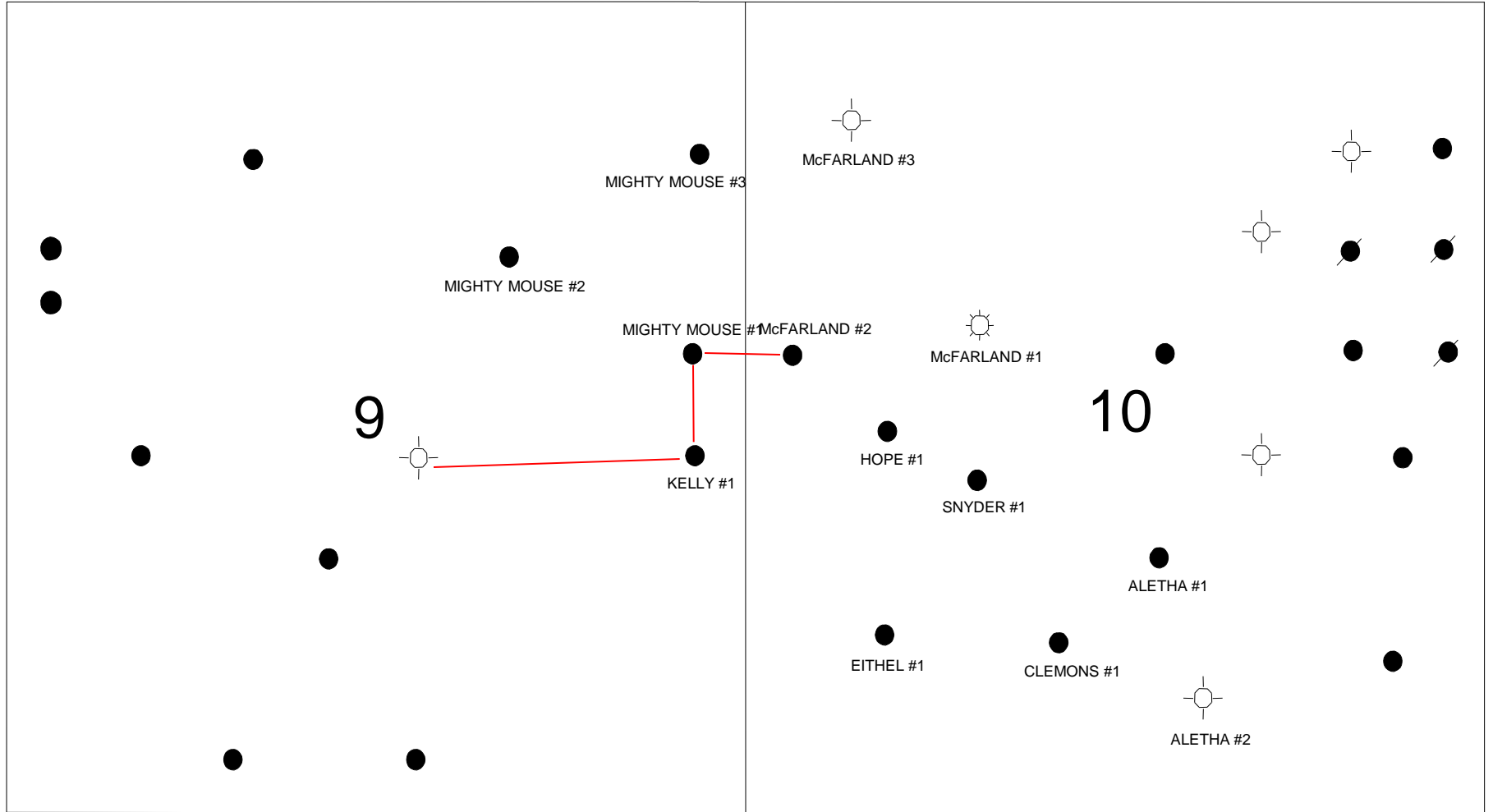
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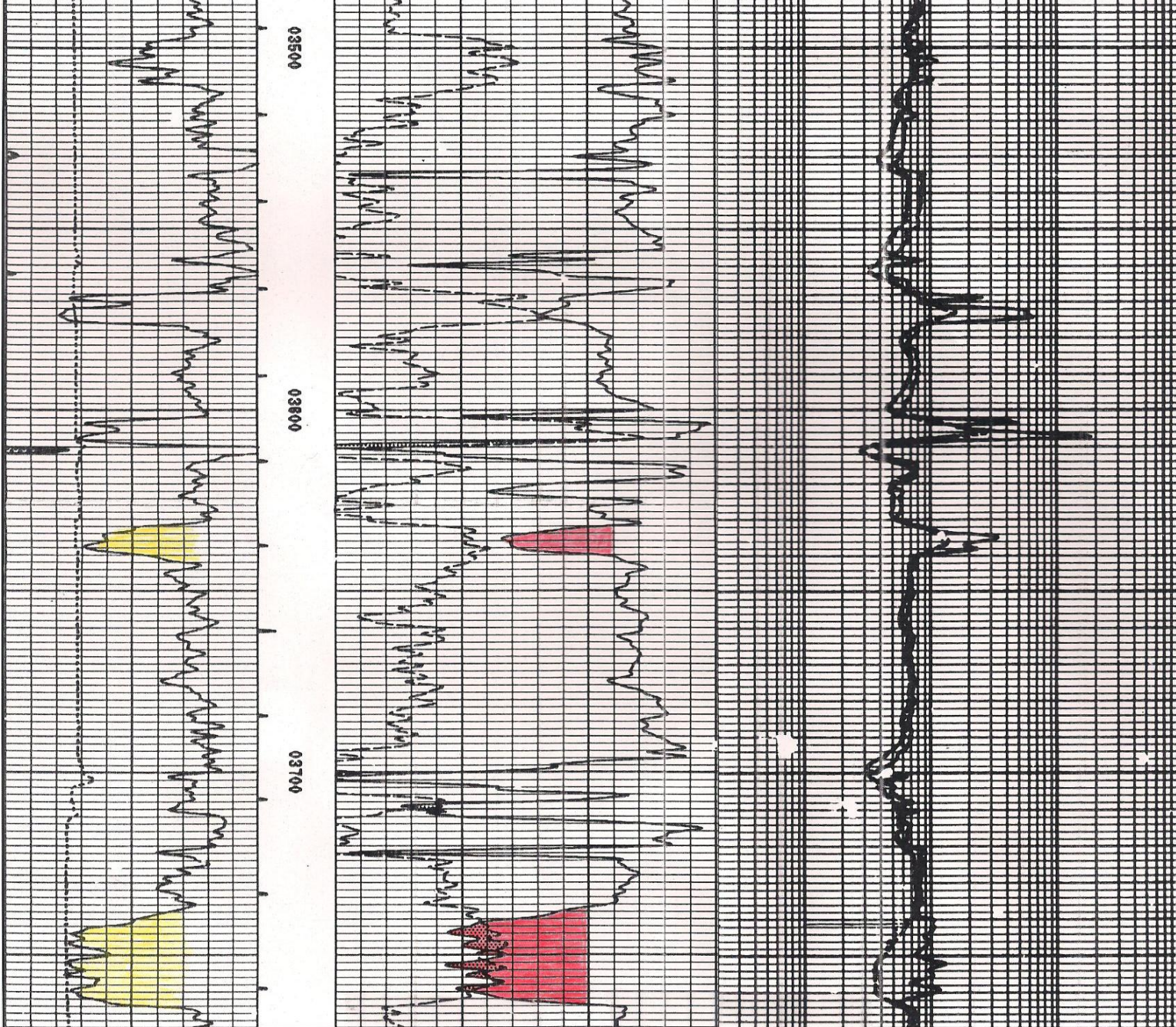
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Log F.R.

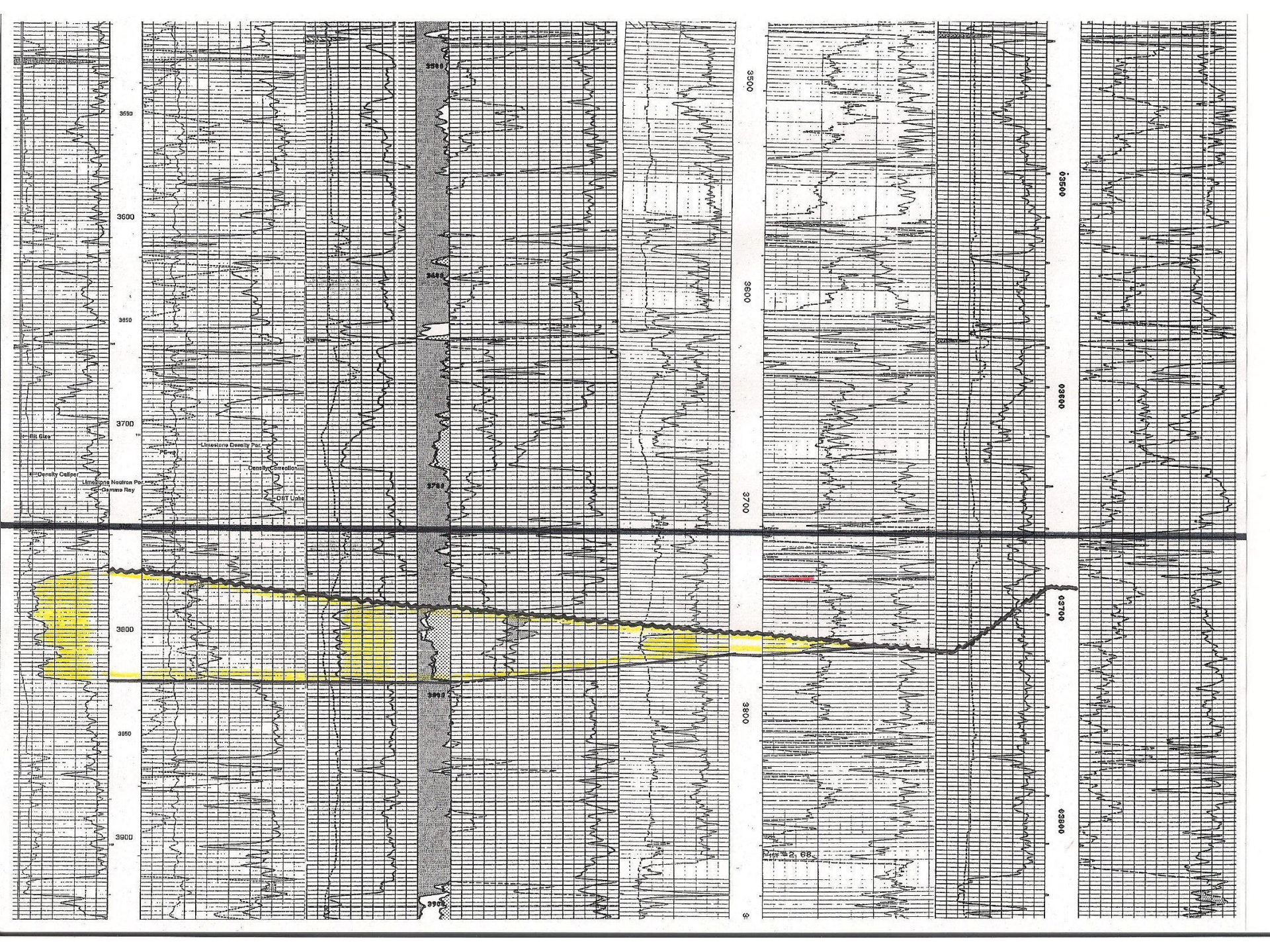
Log I.D.

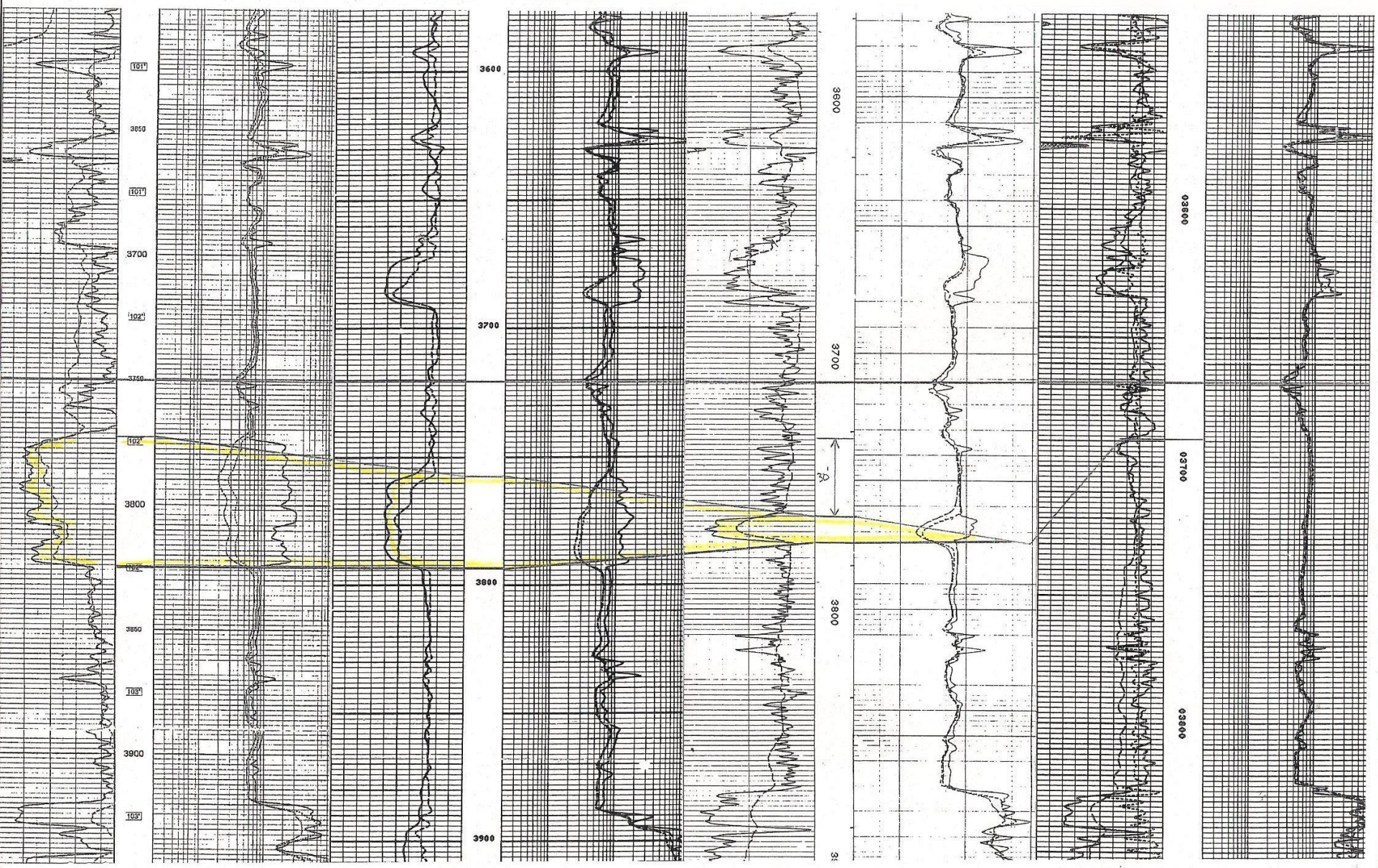


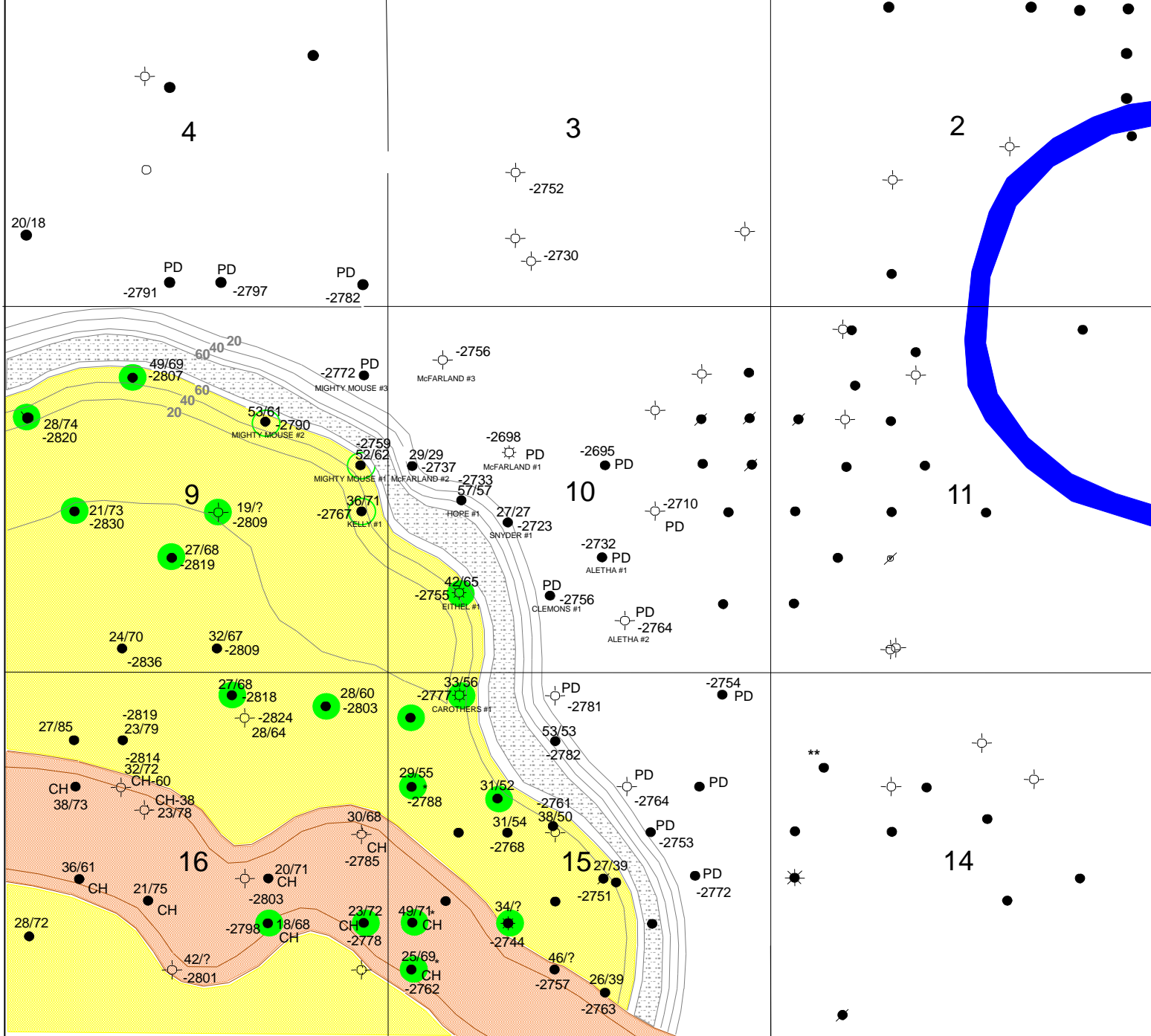


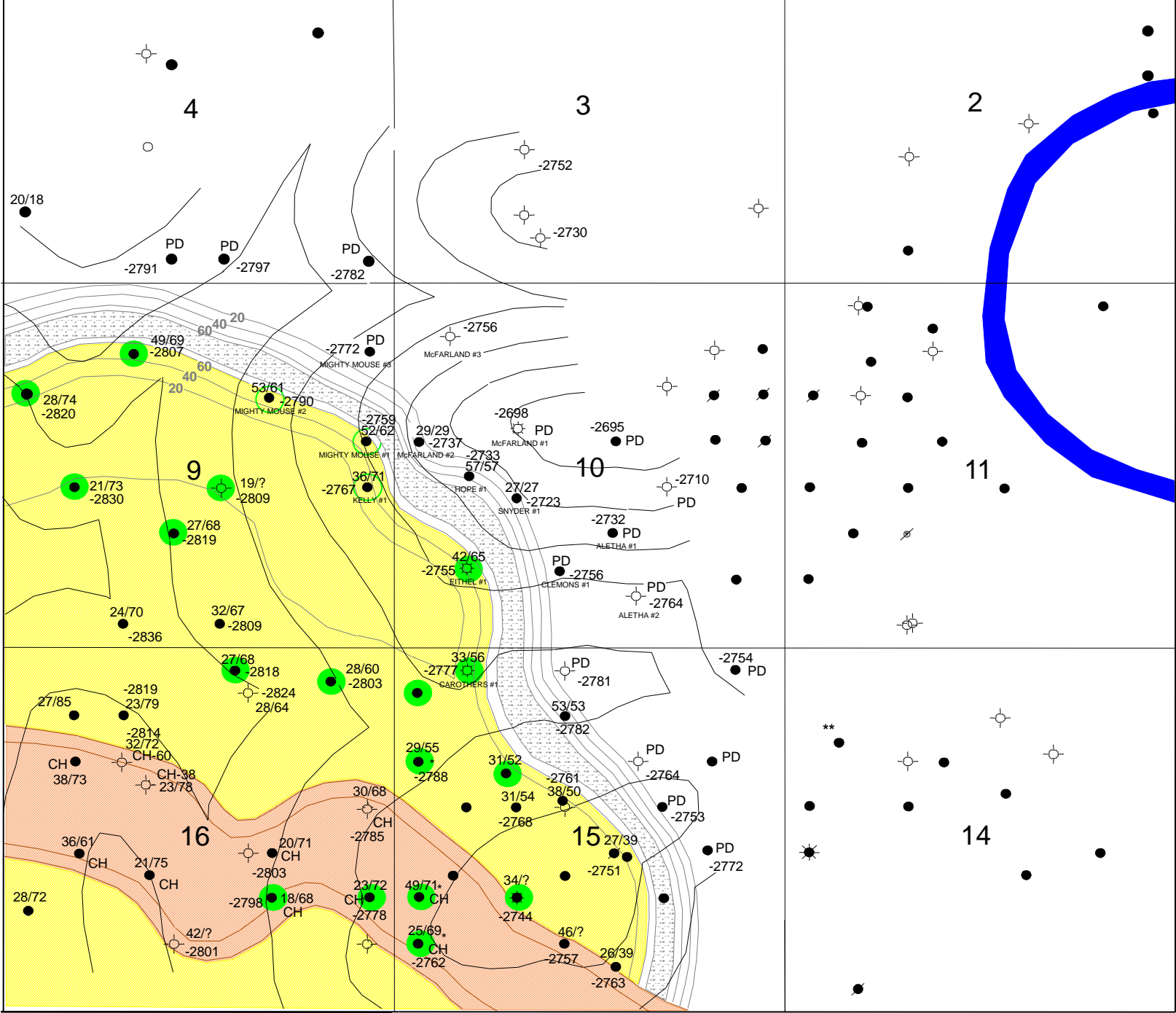


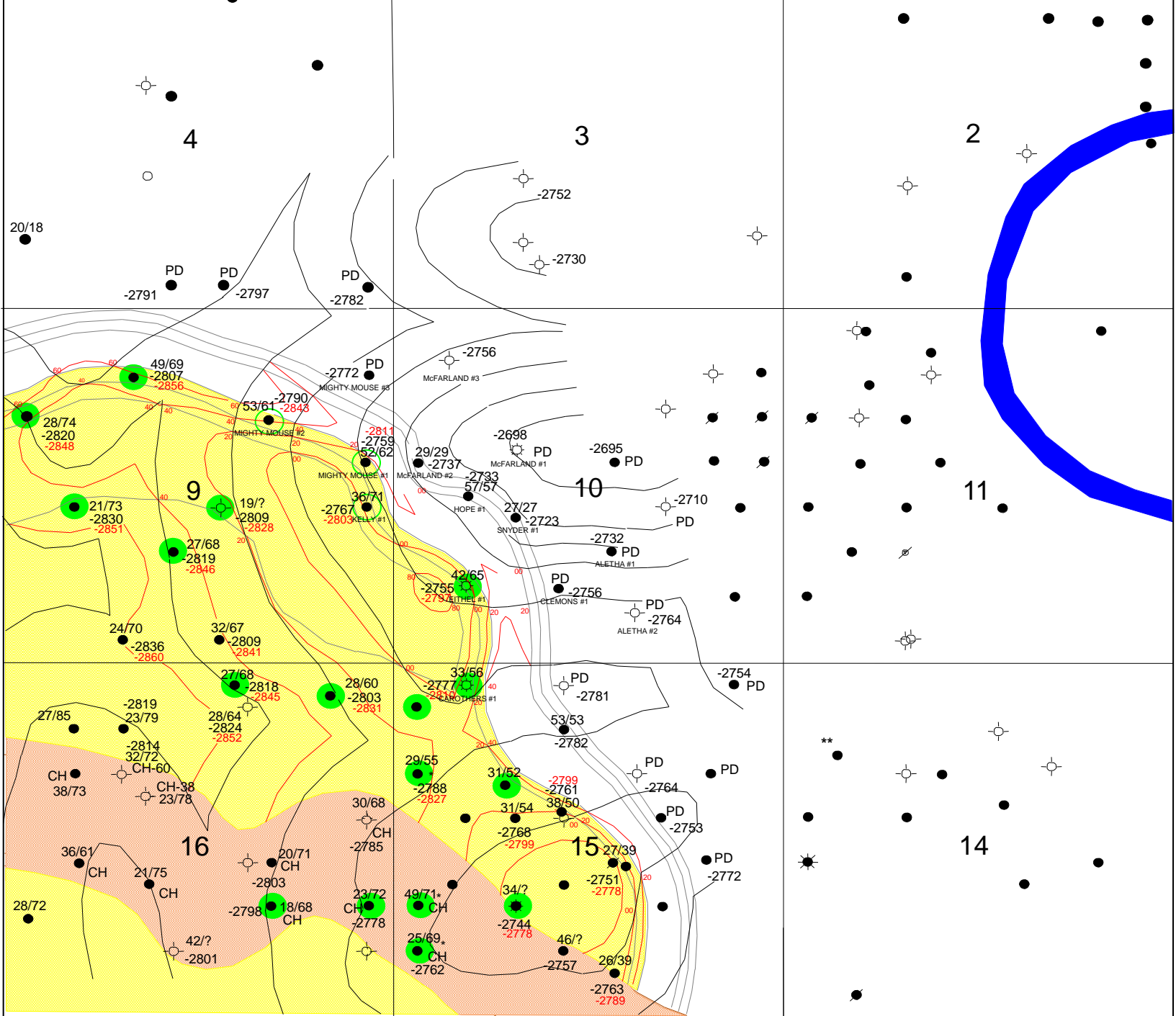
IPP: 79 BOPD (RED FORK)
IPF: 365 MCFPD (BART)

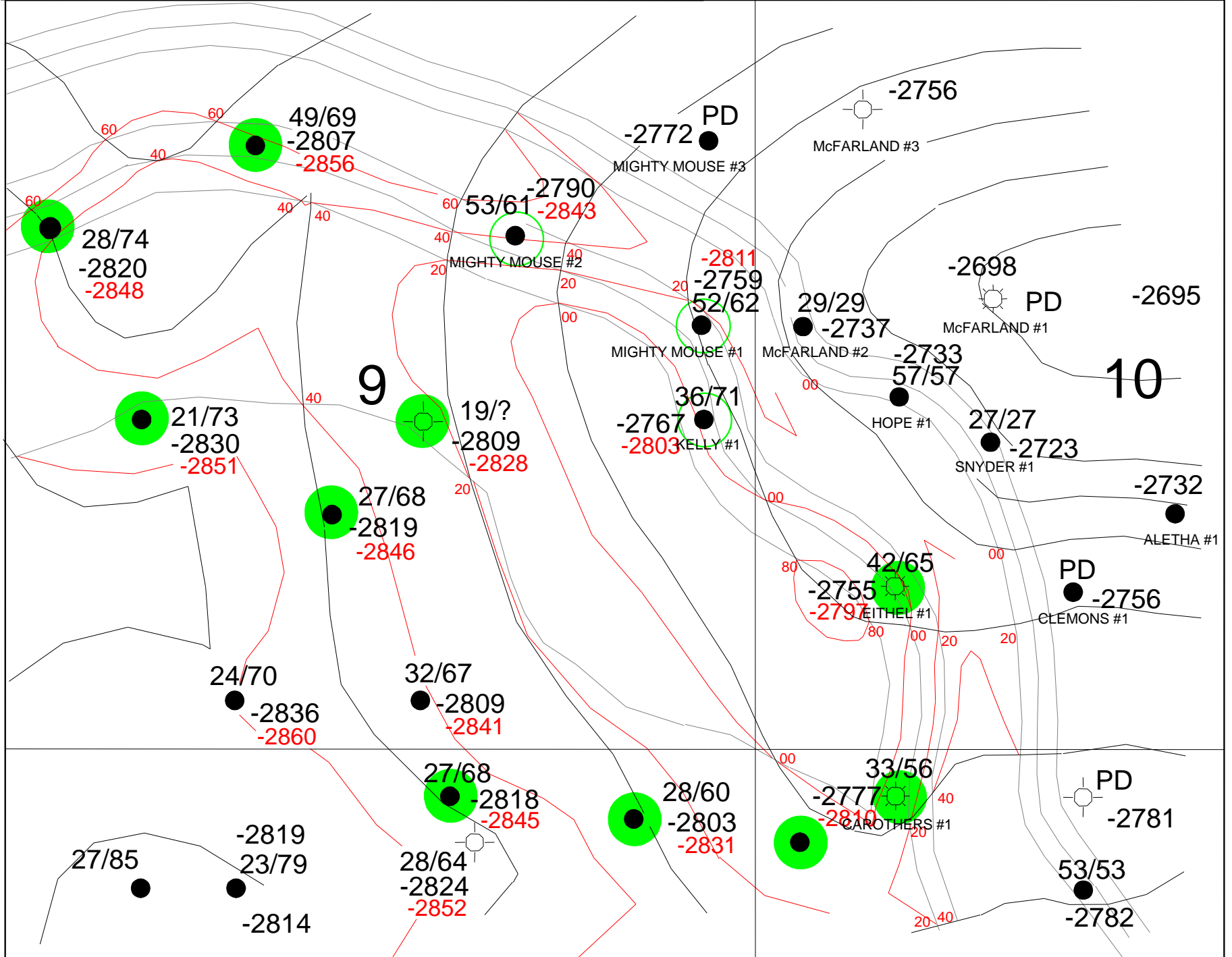


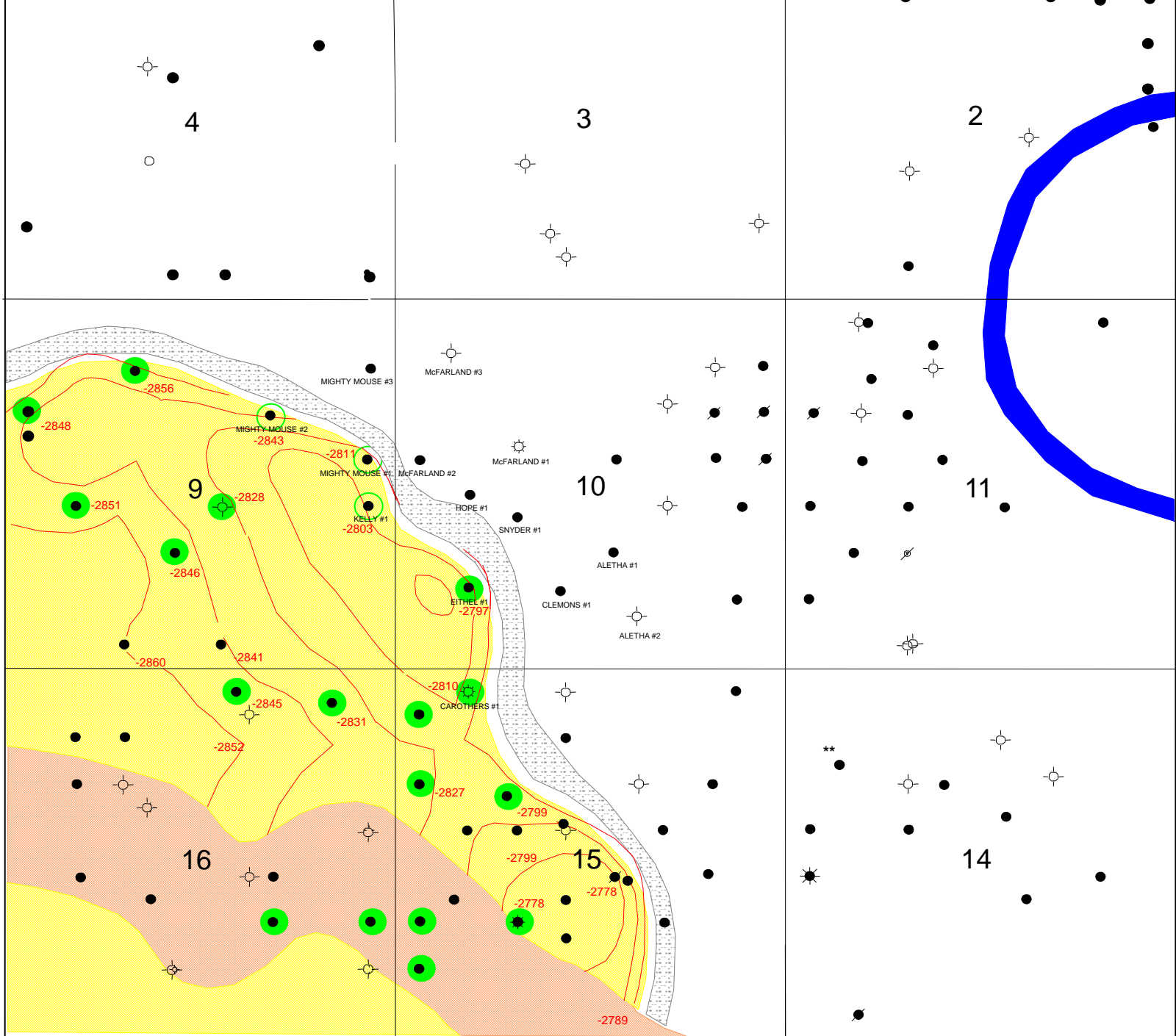


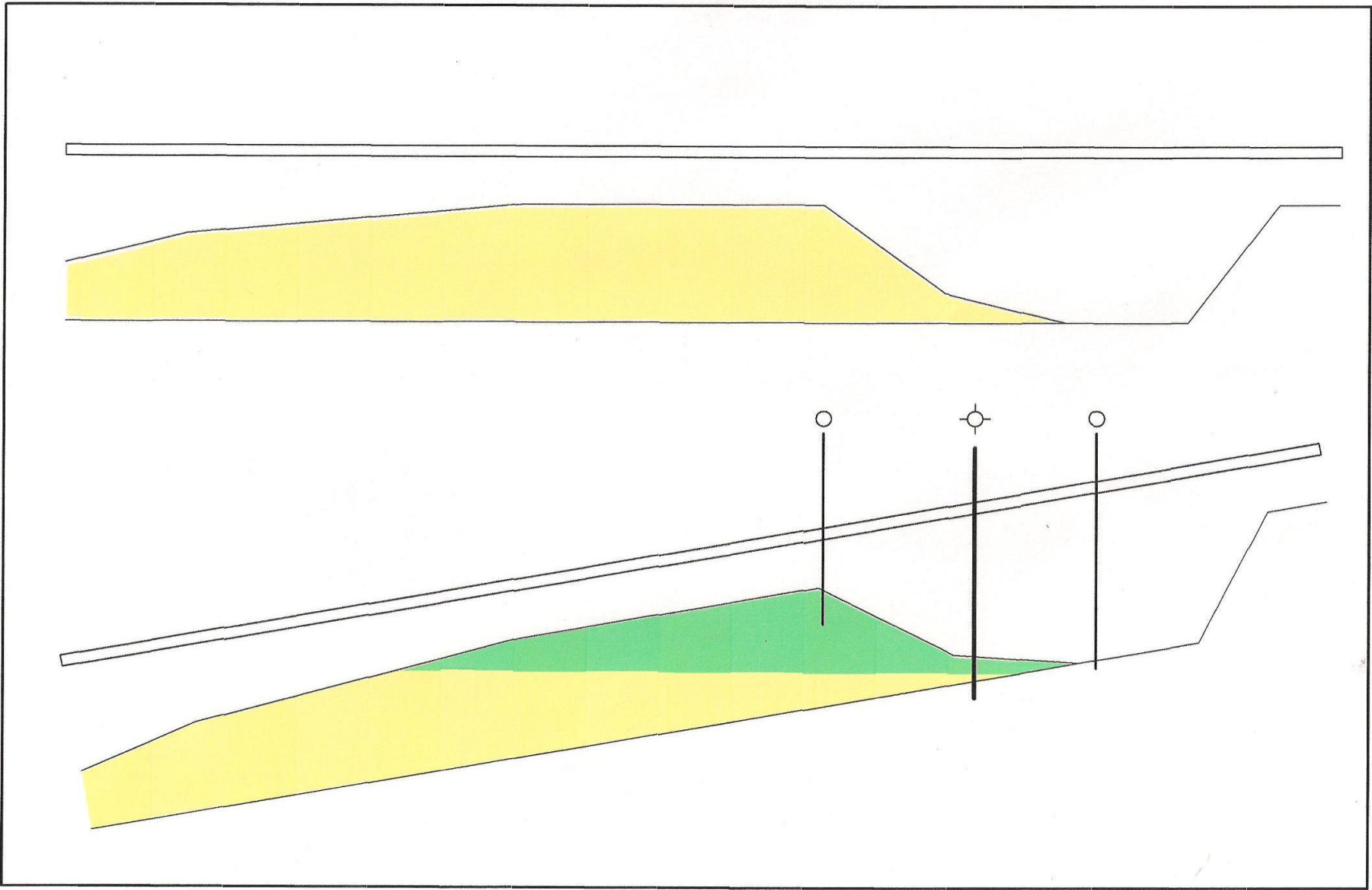


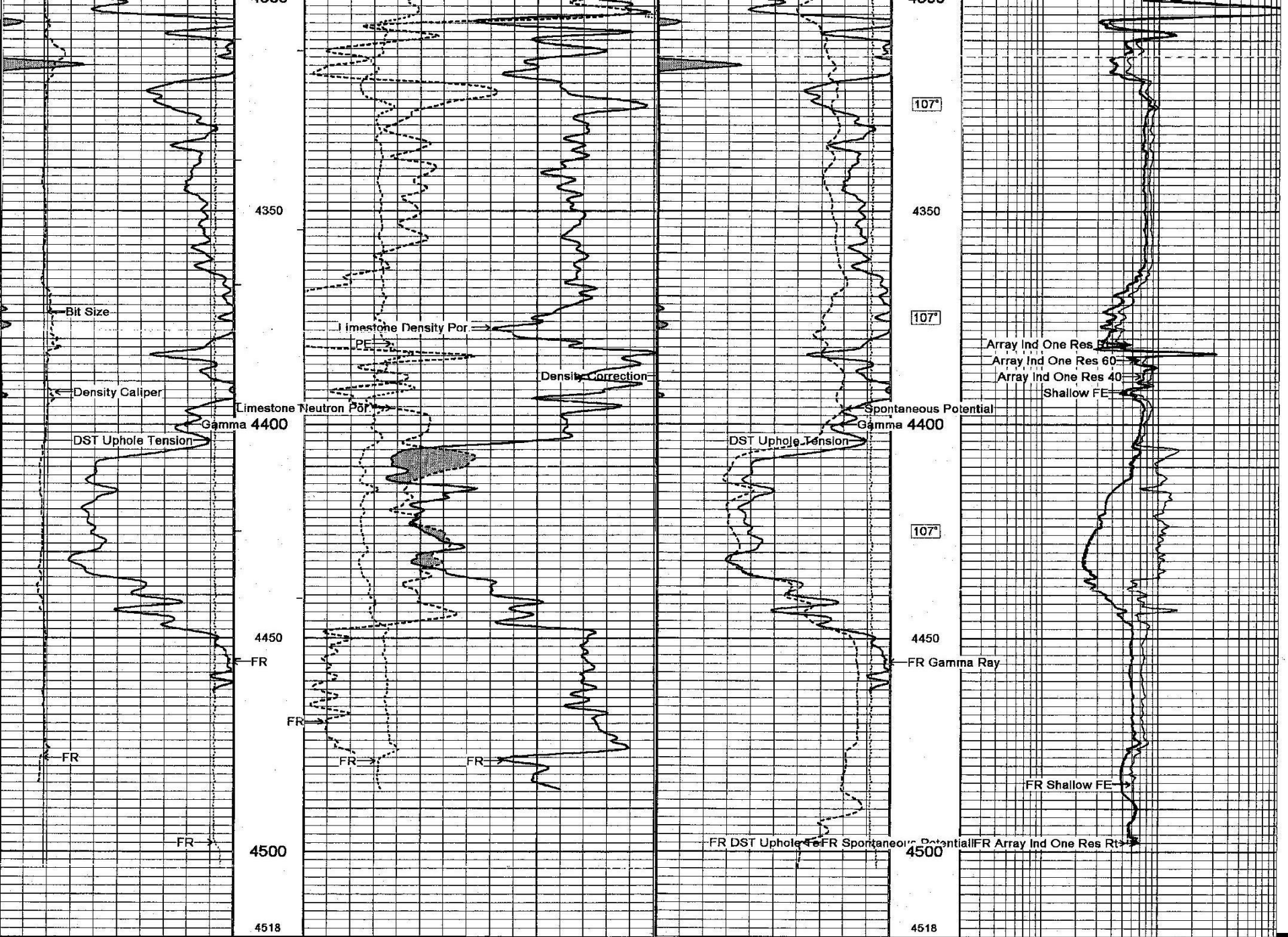


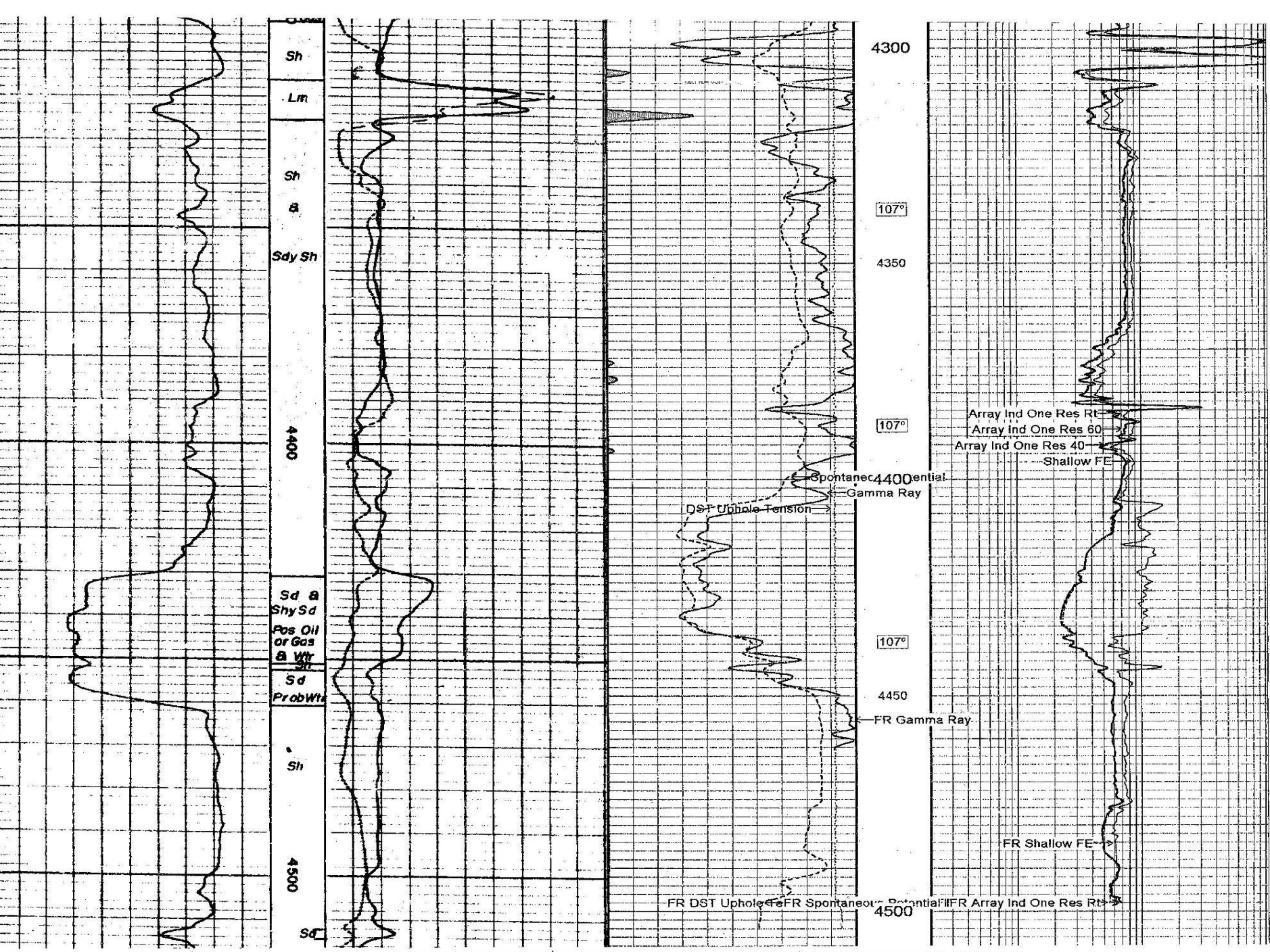


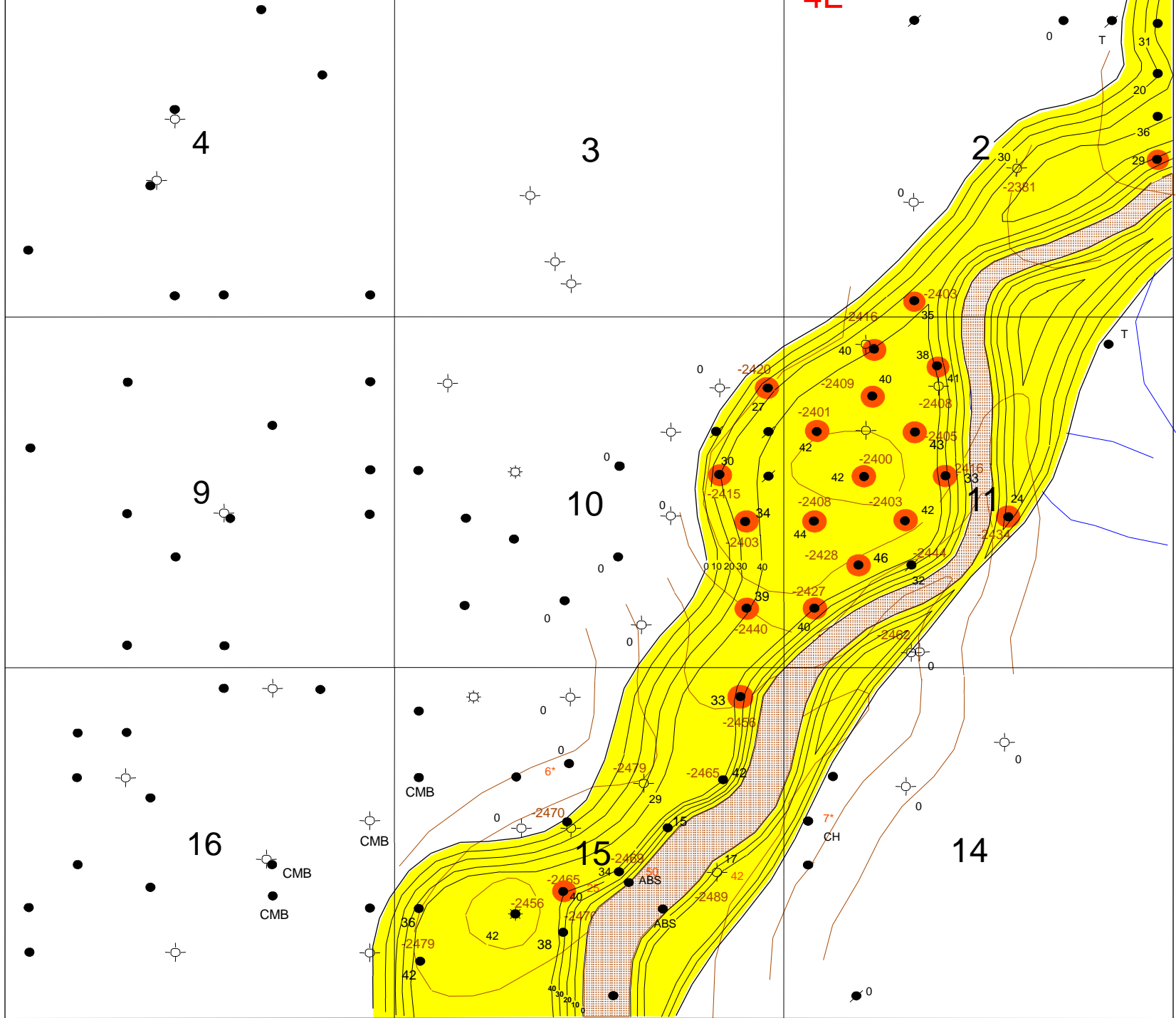


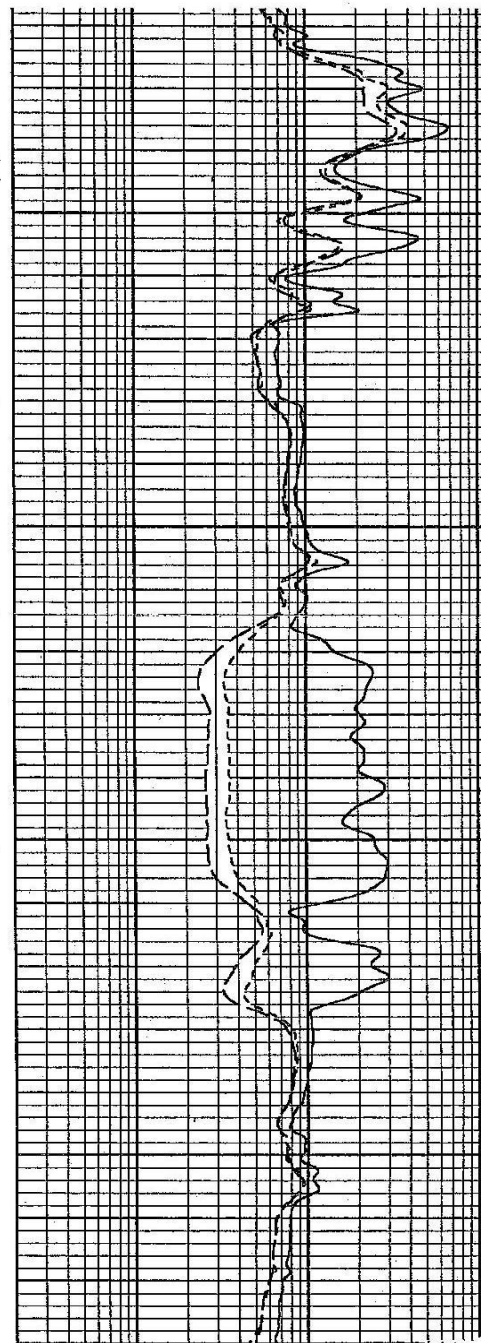
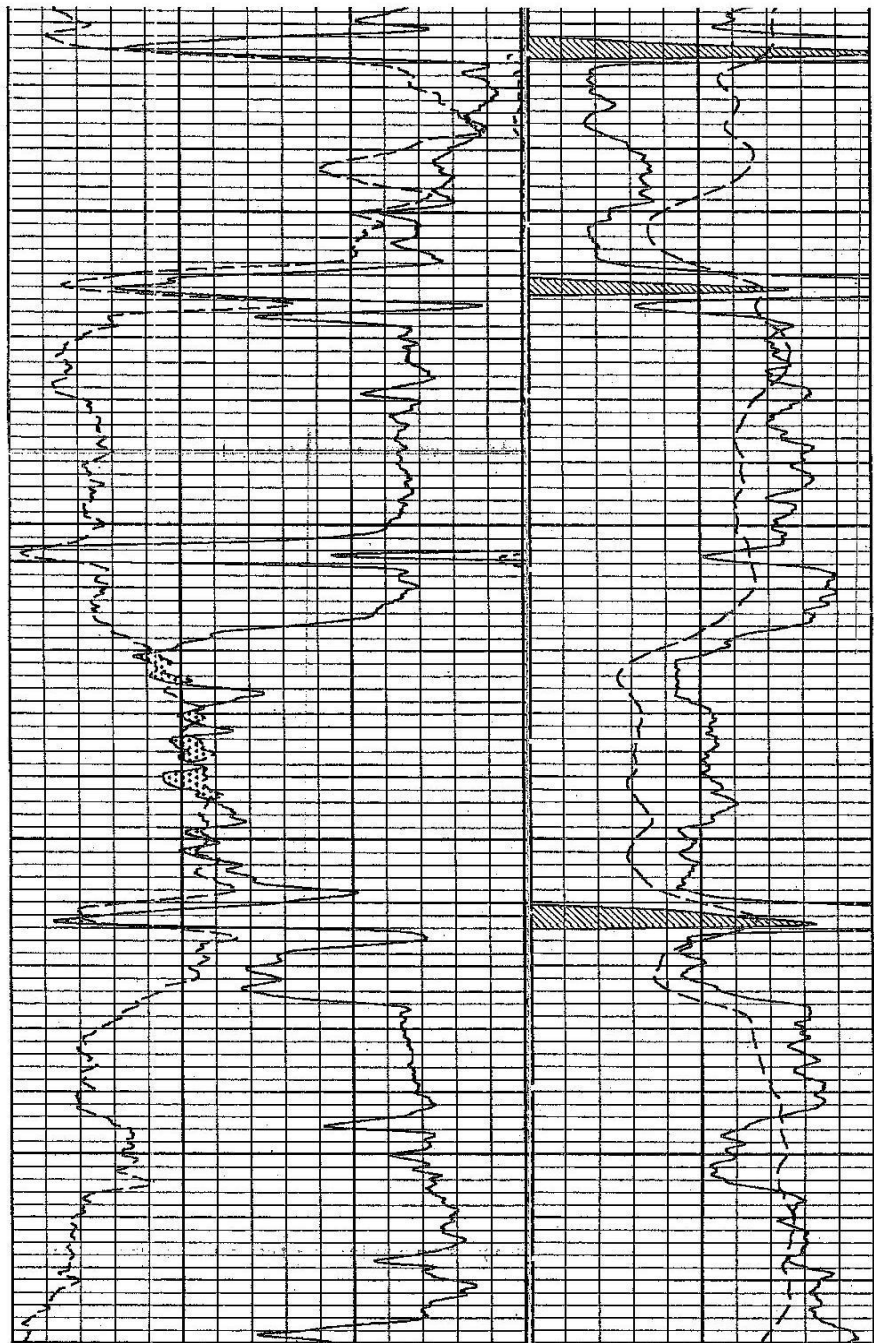
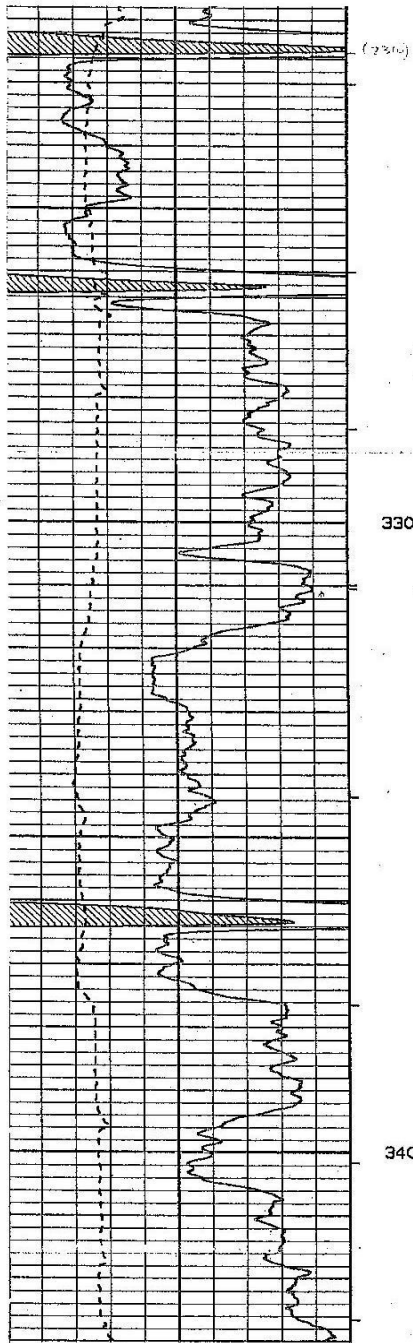


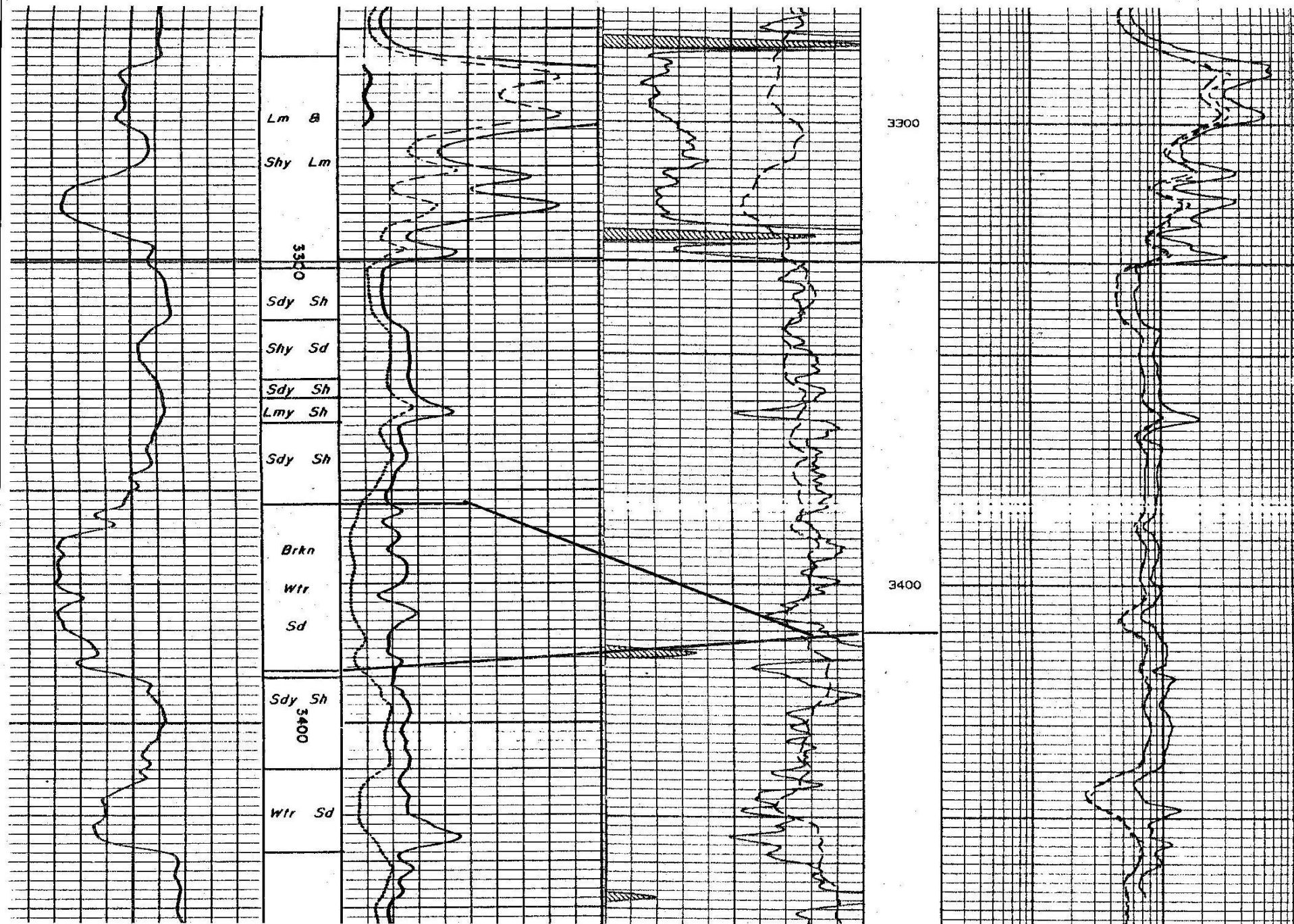


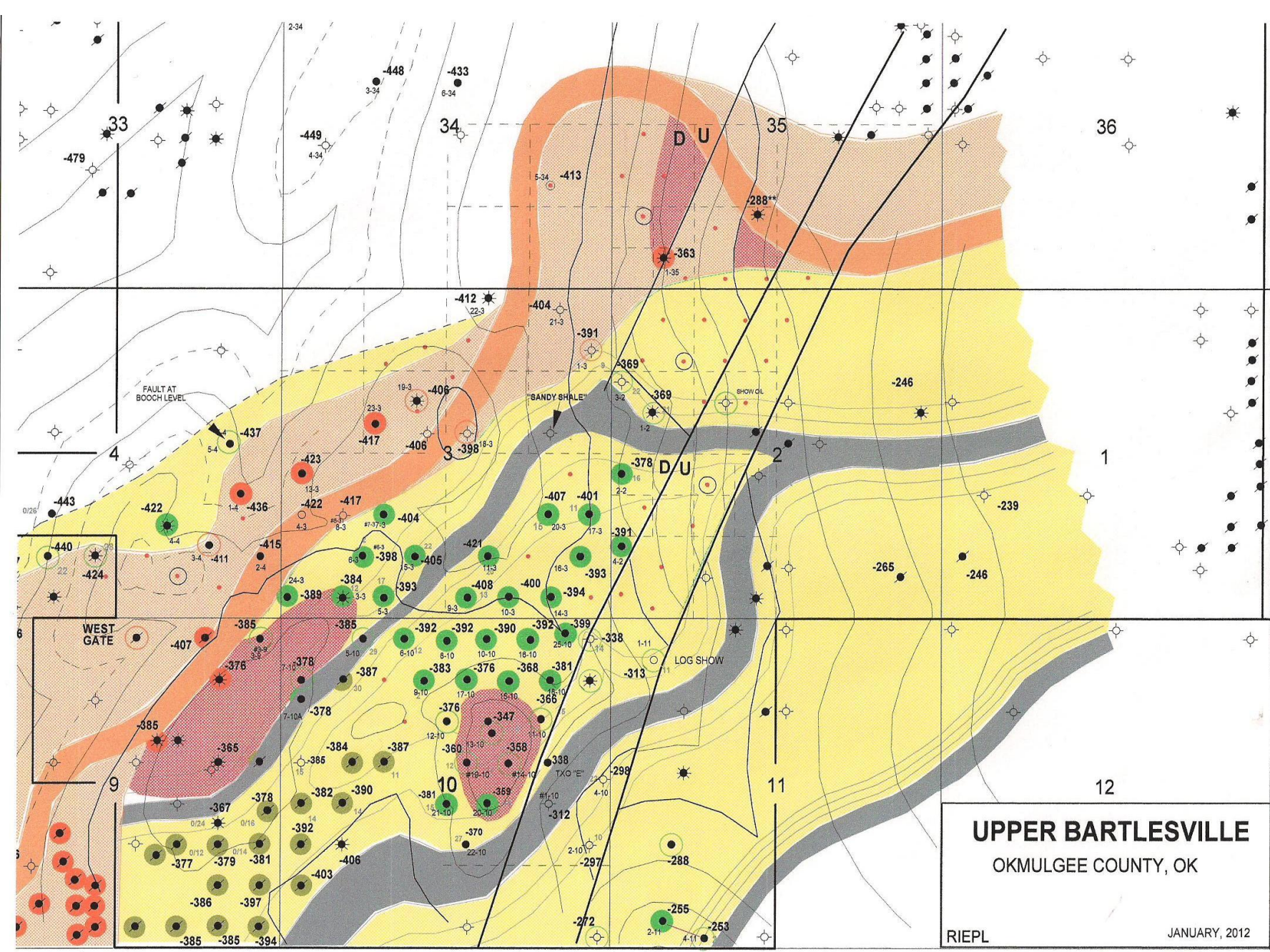












UPPER BARTLESVILLE
 OKMULGEE COUNTY, OK

RIEPL JANUARY, 2012

CONCLUSIONS

BE FAMILIAR WITH THE REGIONAL GEOLOGY

ARE THE ZERO EDGES DEPOSITIONAL OR EROSIONAL?

THERE IS ALMOST ALWAYS A TIDAL INFLUENCE ON THE FINAL SAND PACKAGE

LOOK FOR INCONSISTENCIES

MULTIPLE OIL/WATER CONTACTS

DIFFERENT OIL GRAVITIES AND/OR PROPERTIES

WATER ABOVE OIL AND/OR GAS

COMBINATION SANDSTONE LOG CHARACTERISTICS

TAKE INTO ACCOUNT THE THREE DIMENSIONAL SHAPE OF THE SAND BODY

UNDERSTAND THAT “LOW RESISTIVITY” PAY IS COMMON

NOTHING IS HIDDEN FROM THE TRAINED EYE