

Kansas Department of Agriculture  
 Division of Water Resources  
**CHANGE: P/D WORKSHEET**

1. File Number: <b>15583</b>	2. Status Change Date: <b>9/12/19</b>	3. Change Num: <b>C1</b>	4. Field Office: <b>04</b>	5. GMD: <b>03</b>
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6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return	7. Filing Date of Change: <b>9/27/19</b>
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8a. LANDOWNER, APPLICANT, WUC    Person ID **61038**  
 New to system     Add Seq# **1**

**RODGER L & CHERYL KOEHN**  
**2350 ROAD 130**  
**LAKIN, KS 67860-6219**

8c. landowner    Person ID **33706**  
 New to system     Add Seq# \_\_\_\_\_

**DALE D & DOROTHY A KOEHN**  
**1575 21 AVE**  
**GALVA, KS 67443**

8b. Landowner(s),    Person ID **30647**  
 New to system     Add Seq# \_\_\_\_\_

**GENE L & JUDY E KOEHN**  
**6168 C RD**  
**COPELAND, KS 67837-9300**

8d. LANDOWNER    Person ID \_\_\_\_\_  
 New to system     Add Seq# \_\_\_\_\_

9. Documents and Enclosure(s):  DWR Meter(s) Date to Comply: **12/31/19**     N & P Date to Comply: **12/31/20**

Anti-Reverse Meter     Meter Seal     Check Valve     N & P Form     Water Tube     Driller Copy     H & E Letter

Conservation Plan    Date Required: \_\_\_\_\_    Date Approved: \_\_\_\_\_    Date to Comply: \_\_\_\_\_

10. Use Made of Water    From: \_\_\_\_\_    To: / \_\_\_\_\_

Date Prepared: **9/12/19**    By: **MAM**  
 Date Entered: \_\_\_\_\_    By: \_\_\_\_\_

File No. **15583**      11. County: **KE**      Basin: **ARK RIVER**      Stream:      Formation Code: **211/331**      Special Use:

12. Points of Diversion										Rate and Quantity					
CHK MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Authorized		Additional		Overlap PD Files	
										Rate gpm	Quantity af	Rate gpm	Quantity af		
ENT	NESENW		35	24	35	W	3688'	4045'		920	272	920	272	NONE	
DEL 52325															
CHK 33919	NC NE		35	24	35	W	01	3960'	1320'		905	272	905	272	NONE
CHK 40799	NC SW		35	24	35	W	06	3960'	1320'		1015	272	1015	272	NONE
CHK 54838	NC SE		35	24	35	W	05	3960'	1320'		930	272	930	272	NONE

13. Storage: Rate \_\_\_\_\_ NF      Quantity \_\_\_\_\_ ac/ft      Additional Rate \_\_\_\_\_ NF      Additional Quantity \_\_\_\_\_ ac/ft

14. Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_  
 Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_

15. 5YR Allocation:    Allocation Type \_\_\_\_\_    Start Year \_\_\_\_\_    5 YR Amount \_\_\_\_\_    Amount Unit \_\_\_\_\_    Base Acres \_\_\_\_\_    Comment \_\_\_\_\_

16. Place of Use CHK MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files		
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼						
CHK 9207																									8c	no	no
CHK 18247																									8a	no	no
CHK 20664																									8b	no	no

Base Acres:      Year:      Minimum Reasonable Quantity:

Comments:



Garden City Field Office  
4532 W. Jones, Suite B  
Garden City, KS 67846



Phone: 620-276-2901  
Fax: 620-276-9315  
www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

September 12, 2019

RODGER L & CHERYL KOEHN  
2350 ROAD 130  
LAKIN, KS 67860-6219

RE: Water Right, File No. 15583

Dear Sir:

Enclosed is an order executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the application for change under the above referenced file number.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this approval for change. A condition of this approval is that acceptable water flowmeter must be installed on the diversion works authorized under the referenced file number and meet current specifications.

Since this order modifies the original document referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate.

The abandoned well must be plugged in accordance with the requirements of Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment.

Should you have any questions, please feel free to call this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

A handwritten signature in blue ink that reads "Michael A. Meyer". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Michael A. Meyer  
Water Commissioner

MAM:  
enclosures

(more on back)

pc:

DALE D & DOROTHY A KOEHN  
1575 21 AVE  
GALVA, KS 67443

GENE L & JUDY E KOEHN  
6168 C RD  
COPELAND, KS 67837-9300

GMD3





## CERTIFICATE OF SERVICE

On this 12<sup>th</sup> day of September 2019, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 15,583 dated 12<sup>th</sup> day of September, 2019 was mailed postage prepaid, first class, US mail to the following:

RODGER L & CHERYL KOEHN  
2350 ROAD 130  
LAKIN, KS 67860-6219

Pc:

DALE D & DOROTHY A KOEHN  
1575 21 AVE  
GALVA, KS 67443

GENE L & JUDY E KOEHN  
6168 C RD  
COPELAND, KS 67837-9300

GROUNDWATER MANAGEMENT DISTRICT NO. 3

  
\_\_\_\_\_  
Division of Water Resources Staff

Submit completed application to:  
 Kansas Department of Agriculture  
 Division of Water Resources  
 Field Office for your area.

Call for address:

Topeka -- (785) 296-5733  
 Stafford -- (620) 234-5311  
 Stockton -- (785) 425-6787  
 Garden City -- (620) 276-2901  
<http://agriculture.ks.gov/dwr>

## DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



**STATE OF KANSAS**

**Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended.**  
 Fee Schedule is on the third page of this application form.

**Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions.** If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use.

File No. 15583-02

**RECEIVED**  
 3:25pm  
**AUG 27 2019**  
 Garden City Field Office  
 DIVISION OF WATER RESOURCES

1. Application is hereby made for approval of the Chief Engineer to change the (check one or both):

Place of Use                       Point of Diversion

under the water right which is the subject of this application in accordance with the conditions described below.

The source of supply is:                       Groundwater                       Surface water

2. Name and address of Applicant: RODGER & CHERYL KOEHN

2350 ROAD 130 LAKIN, KANSAS 67860-6219

Phone Number: (620)271-7541

Email address: rodger.koehn49@gmail.com

Name and address of Water Use Correspondent: SAME

Phone Number: (      )

Email address: \_\_\_\_\_

3. The presently authorized place of use is:

Owner of Land ---- NAME: SAME

ADDRESS: \_\_\_\_\_

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

4. If this application is for a change in place of use, it is proposed that the place of use be changed to:

Owner of Land ---- NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

For Office Use Only: Code \_\_\_\_\_ Fee \$ 100.00 TR # \_\_\_\_\_ Receipt Date 8-27-19 Check # 7759



5. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the NC Quarter of the NW Quarter  
 of Section 35, Township 24 South, Range 35 (W),  
 in KEARNY County, Kansas, 3960 feet North 3960 feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. 02 GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)**  
 One in the NE Quarter of the NE SW Quarter of the NW Quarter  
 of Section 35, Township 24 South, Range 36 35 (W),  
 in KEARNY County, Kansas, 3688 feet North 4045 feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) 550'  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

6. **Presently authorized point of diversion:** SEE SUPPLEMENTAL SHEET ATTACHED  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
 of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W),  
 in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
 of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W),  
 in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

7. The changes herein are desired for the following reasons?  
 (please be specific) \_\_\_\_\_  
 \_\_\_\_\_

8. If a well, is the test hole log attached?  Yes  No

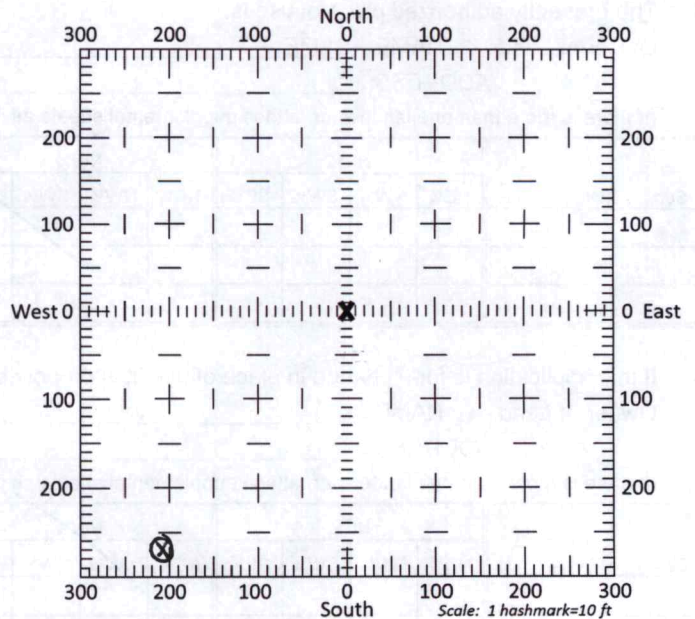
9. The change(s) (was)(will be) completed by?  
 \_\_\_\_\_

10. If the point of diversion is a well:  
 (a) What are you going to do with the old well?  
 \_\_\_\_\_  
 (b) When will this be done? \_\_\_\_\_

11. Groundwater Management District recommendation attached?  
 Yes  No

12. Assisted by \_\_\_\_\_

13a. If the proposed point of diversion will be relocated more than 300 feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines



13b. If the proposed point of diversion will be relocated within 300 feet of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. (PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)



APPLICATION FOR APPROVAL TO CHANGE  
THE PLACE OF USE AND/OR POINT OF DIVERSION  
SUPPLEMENTAL SHEET  
FILE NO. 15583

**Presently authorized point of diversion:**

One in the \_\_\_\_\_ Quarter of the NC Quarter of the NE Quarter  
of Section 35, Township 24 South, Range 35 W,  
in KE County, Kansas, 3960 feet North 1320 feet West of Southeast corner of section.

Authorized Rate --- Authorized Quantity -- Depth of well \_\_\_\_\_ (feet)

(DWR use only: Computer ID No. 01 GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)

This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:

**Proposed point of diversion: (Complete only if change is requested)**

One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W),  
in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.

Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_

This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

**Presently authorized point of diversion:**

One in the \_\_\_\_\_ Quarter of the NC Quarter of the SW Quarter  
of Section 35, Township 24 South, Range 35 W,  
in KE County, Kansas, 1220 feet North 3960 feet West of Southeast corner of section.

Authorized Rate --- Authorized Quantity --- Depth of well \_\_\_\_\_ (feet)

(DWR use only: Computer ID No. 06 GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)

This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:

**Proposed point of diversion: (Complete only if change is requested)**

One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W),  
in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.

Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_

This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

**Presently authorized point of diversion:**

One in the \_\_\_\_\_ Quarter of the NC Quarter of the SE Quarter  
of Section 35, Township 24 South, Range 35 W,  
in KE County, Kansas, 1320 feet North 1320 feet West of Southeast corner of section.

Authorized Rate --- Authorized Quantity --- Depth of well \_\_\_\_\_ (feet)

(DWR use only: Computer ID No. 05 GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)

This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:

**Proposed point of diversion: (Complete only if change is requested)**

One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W),  
in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.

Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_

This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

**Presently authorized point of diversion:**

One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W),  
in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.

Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)

(DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)

This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:

**Proposed point of diversion: (Complete only if change is requested)**

One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W),  
in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.

Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_

This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_



14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:
- (a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?  
 Yes     No    (If no, all owners must sign this application.)
  - (b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested?  
 Yes     No    (If yes, all owners must sign this application.)
  - (c) If this application is not approved expeditiously, will there be substantial damage to property, public health or safety?  
 Yes     No    (If no, all owners must sign this application.)

If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).

I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regards to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.

Dated at Garden City, Kansas, this 27<sup>th</sup> day of August, 2019.

Rodger Koehn  
 (Owner)

Cheryl Koehn  
 (Spouse)

Rodger Koehn  
 (Please Print)

Cheryl Koehn  
 (Please Print)

(Owner)

(Spouse)

(Please Print)

(Please Print)

(Owner)

(Spouse)

(Please Print)

(Please Print)

State of Kansas }  
 County of Finney } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 27<sup>th</sup> day of August, 2019.



Julie Jones  
 Notary Public

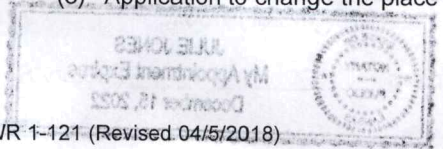
My Commission Expires

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all of the applicable portions of the application form must be completed with accurate information; maps, if necessary, must be included; signatures of all the appropriate owners' must be affixed to the application and notarized; and the appropriate fee must be paid.

**FEE SCHEDULE**

Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set forth in the schedule below: Make checks payable to: **Kansas Department of Agriculture**

- (1) Application to change a point of diversion 300 feet or less . . . . . \$100
- (2) Application to change a point of diversion more than 300 feet . . . . . \$200
- (3) Application to change the place of use . . . . . \$200









**RODGER KOEHN**

NW 35-24S-35W KEARNY CO.

Legend

ORIGINAL WELL

TEST HOLE #2 N37.92609 W101.13535

Google Earth

© 2018 Google

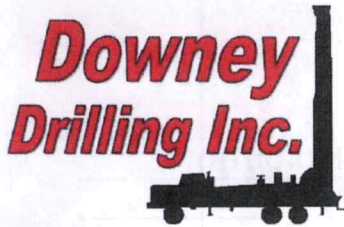
200 ft





# WELL LOG

DATE: 8/15/2019



CUSTOMER NAME: RODGER KOEHN

TEST HOLE #2 - SOUTH

LEGAL: NW 35-24-35W

COUNTY: KEARNY

GPS: 37.92609

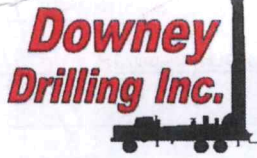
101.13535

DRILLER: ROCKY

WO: 19-692

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	2	TOPSOIL	SOFT	DARK BROWN	FAST	NO	SMOOTH
	2	23	SAND	SOFT	BROWN	FAST	NO	SMOOTH
	23	41	FINE, MED. COARSE GRAVEL	SOFT	RED	FAST	NO	CHATTER
X	41	50	SANDY CLAY MIXED WITH GRAVEL	SOFT	RED / BROWN	FAST	NO	SOME CHATTER
	50	56	FINE, MED, COARSE, VERY COARSE GRAVEL	SOFT	RED	FAST		CHATTER
	56	80	SANDY CLAY MIXED WITH SOME BIG ROCKS (FROM ABOVE)	STIFF	LIGHT BROWN	FAST	NO	SOME VIBRATION
X	80	100	SANDY CLAY	SOFT	BROWN	FAST	NO	SMOOTH
			TRIPPED OUT 2 STEMS					
	100	103	SANDY CLAY	SOFT	LIGHT BROWN	FAST	NO	SMOOTH
	103	140	CLAY WITH GRAVEL LAYERS	SOFT	GRAY	SLOWER	NO	ROUGH
	140	160	CLAY	STIFF	GRAY	SLOW	NO	ROUGH
X	160	180	CLAY MIXED W/ SOME SAND	FIRM	GRAY	SLOWER	NO	LT.VIBRATION
			TRIPPED OUT 1 DRILL PIPE					
	180	182	SANDY CLAY	FIRM	TAN	SLOW	NO	CHOPPY
	182	192	FINE, MED GRAVEL	SOFT	RED	FAST	NO	CHATTER
	192	200	MEDIUM SAND	SOFT	TAN	FASTER	NO	SOME CHATTER
	200	213	FINE TR. MED GRAVEL	SOFT	RED / TAN	FAST	NO	CHATTER
	213	220	FINE GRAVEL	SOFT	RED / TAN	FASTER	NO	CHATTER
	220	232	CLAY	DENSE	GRAY	SLOW	NO	SMOOTH
	232	240	SANDY CLAY	SOFT	LIGHT BROWN	FASTER	NO	CHOPPY
	240	260	MED, COARSE, VERY COARSE SAND TR. FINE GRAVEL	SOFT	TAN	FAST	NO	CHATTER
	260	275	MED, COARSE SAND	SOFT	TAN	SLOW	NO	CHATTER
	275	291	MED, COARSE, VERY COARSE SAND, TR. FINE GRAVEL	SOFT	TAN	FAST	NO	CHATTER
	291	304	FINE SAND W/SANDY CLAY	SOFT	LT. BROWN	FAST	NO	SL. CHATTER @ TIMES
	304	358	MED, COARSE, VERY COARSE SAND	SOFT	TAN	FAST	NO	SOME VIBRATION
	358	368	CLAY / SHALE	STIFF	YELLOW / GRAY	SLOWER	NO	SOME VIBRATION
	368	370	BROWN ROCK SAND	SOFT	BROWN	FAST	NO	VIBRATION
X	370	387	MED SAND W/BROWN ROCK	SOFT	DARK BROWN	FAST	NO	CHOPPY
X	387	400	FINE SAND MIXED WITH BLACK SAND	NOT AS SOFT	BLACK	NOT AS FAST	NO	CHATTER
	400	415	GRAY SAND MIXED WITH DARK SAND	FIRMER	GRAY	NOT AS FAST	NO	SOME VIBRATION
X	415	420	FINE - MED SAND	SOFTER	GRAY	FASTER	YES	SOME VIBRATION
X	420	440	GRAY SAND	STIFF	GRAY	SLOW	NO	SOME VIBRATION
X	440	460	GRAY SAND	HARD	GRAY	SLOW	YES	SOME VIBRATION
			TRIPPED OUT 5 DRILL PIPE					





# Well Design & Construction

PROPOSED

Customer Name: RODGER KOEHN at TEST HOLE #2 LOCATION (SOUTH)

Legal: NW 35-24S-35W # 15583-2 County: KEARNY

GPS: 37.92609 Date: \_\_\_\_\_

-101.13535 WO #: \_\_\_\_\_

DRILLER: \_\_\_\_\_ WATER SUPPLY: NEARBY IRRIGATION WELL

HELPER(S): \_\_\_\_\_ DRILLING RIG: TBD

BOREHOLE DIAMETER: 30" DRILLING METHOD: REVERSE CIRCULATION

CASING DIAMETER: 16" QUIKGEL: TBD HOLE PLUG: 20'

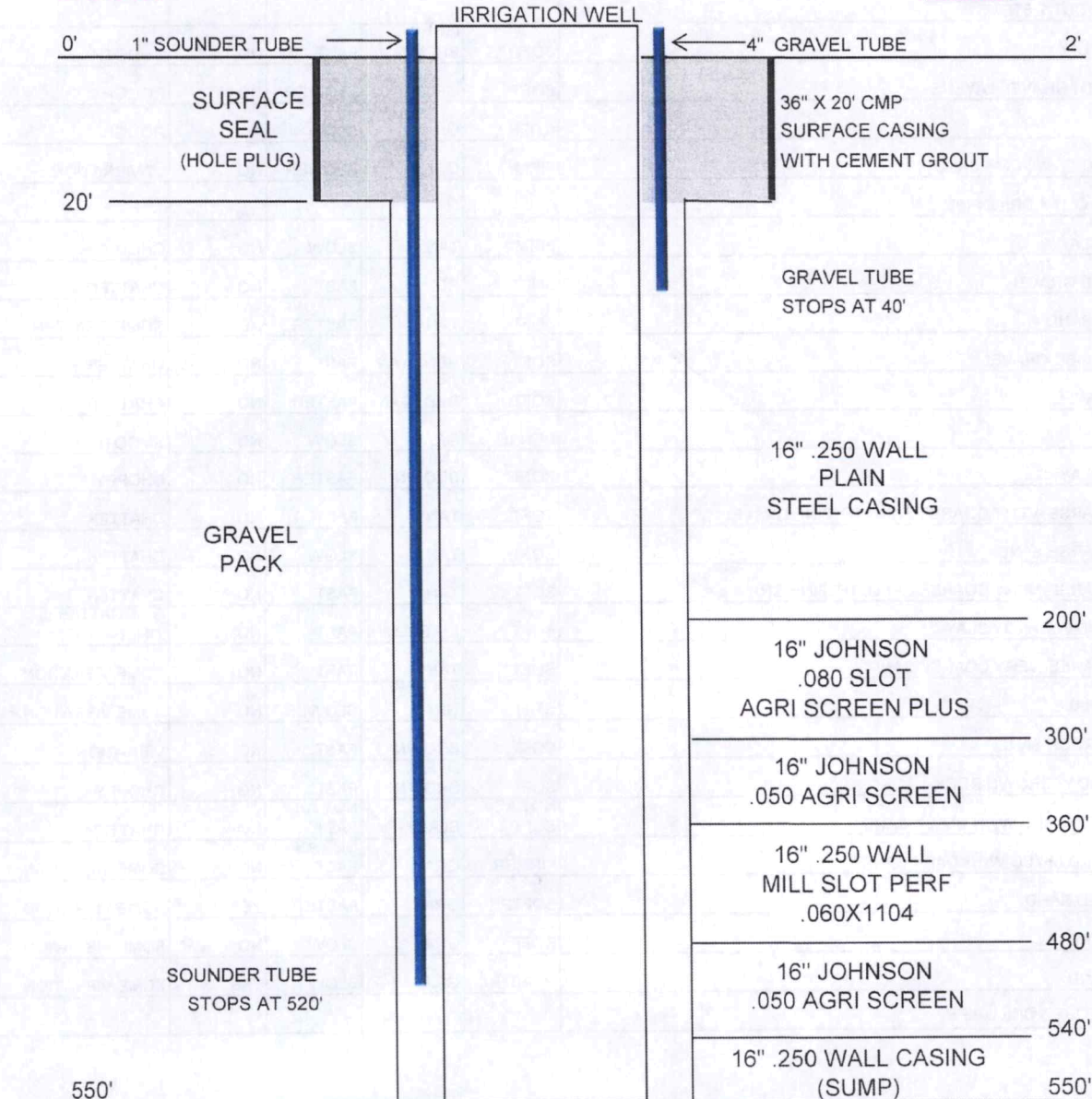
TOTAL WELL DEPTH: 550' GRAVEL: 105 TON #1 COARSE

DRILLING FLUID: TBD GRAVEL SUPPLIER: TBD

ADDITIONAL INFO: \_\_\_\_\_

**GROUT  
AND  
GRAVEL**

**SCREEN AND  
CASING**









# Century GEOPHYSICAL CORP.

RODGER KOEHN

COMPANY : DOWNEY DRILLING INC

WELL : RODGER KOEH  
TH #2

LOCATION/FIELD

COUNTY : KEARNY

LOCATION : NW

SECTION : 35

TOWNSHIP : 24S

RANGE : 35W

OTHER SERVICES:

DATE : 08/15/1

PERMANENT DATUM : GL

DEPTH DRILLER : 560

KB :

LOG BOTTOM : 555.8

LOG MEASURED FROM: GL

DF :

LOG TOP : 0.4

DRL MEASURED FROM: GL

GL :

CASING DIAMETER : 10.

LOGGING UNIT : 1903

CASING TYPE :

FIELD OFFICE : DDI

CASING THICKNESS:

RECORDED BY : MASON

BIT SIZE : 6.25

BOREHOLE FLUID : MUD

FILE : ORIGINA

MAGNETIC DECL. : 0

RM :

TYPE : 8144A

MATRIX DENSITY : 2.71

RM TEMPERATURE :

LGDATE: 08/15/19

NEUTRON MATRIX : LIMESTON

MATRIX DELTA T : 49

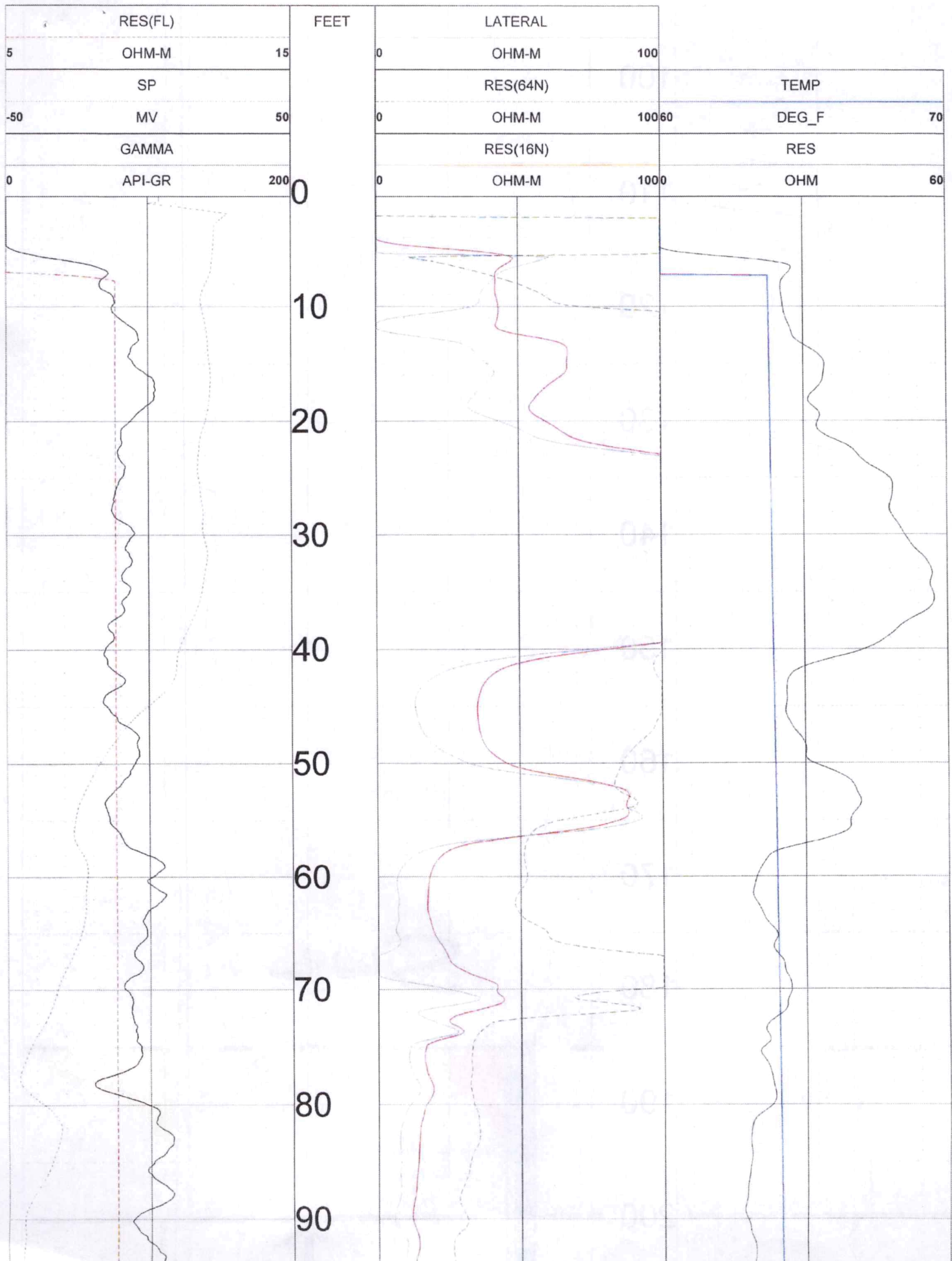
LGTIME : 17:42:

THRESH: 99999

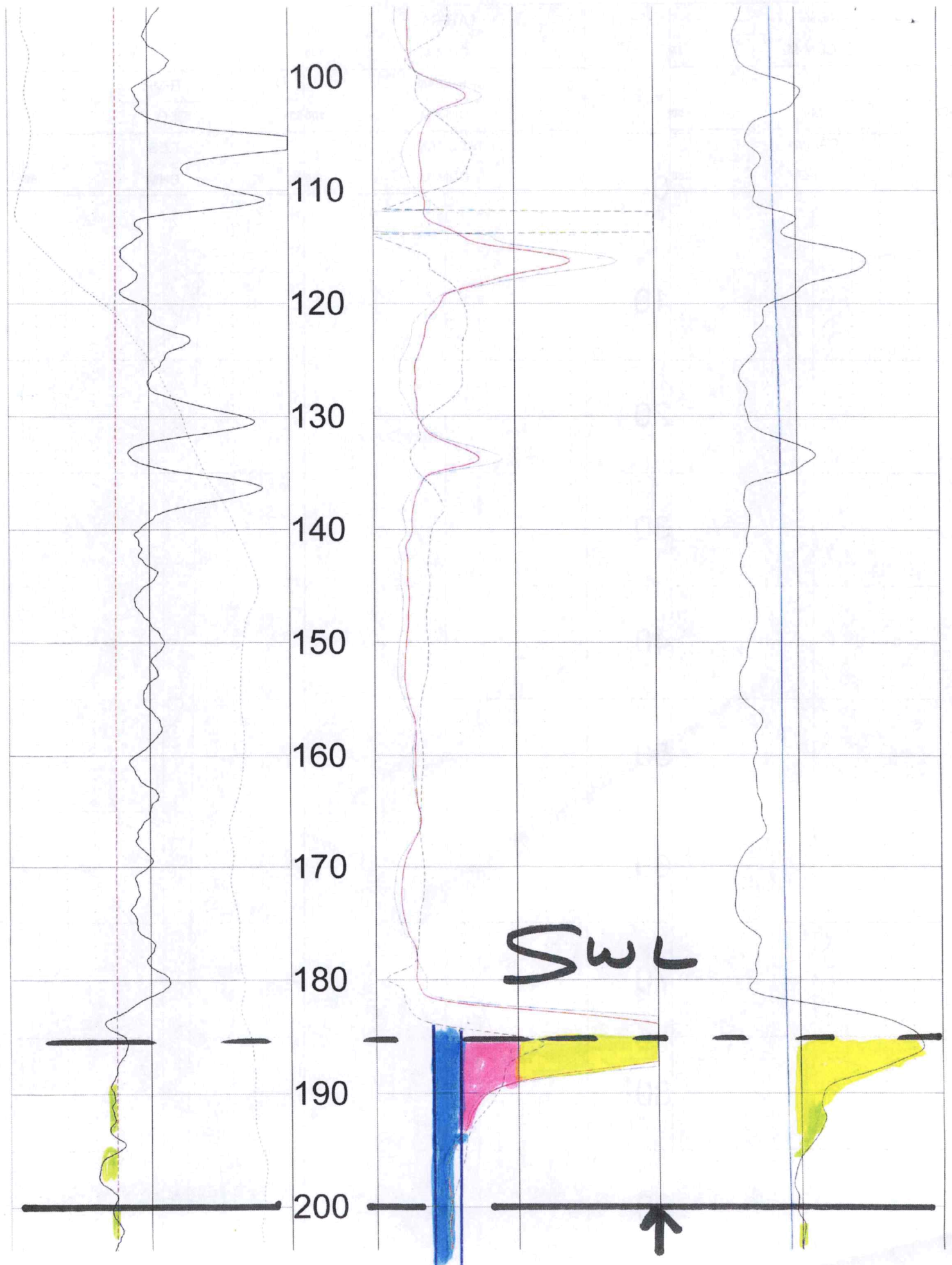
N 37.92609

W 101.13535

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS







210

220

230

240

250

260

270

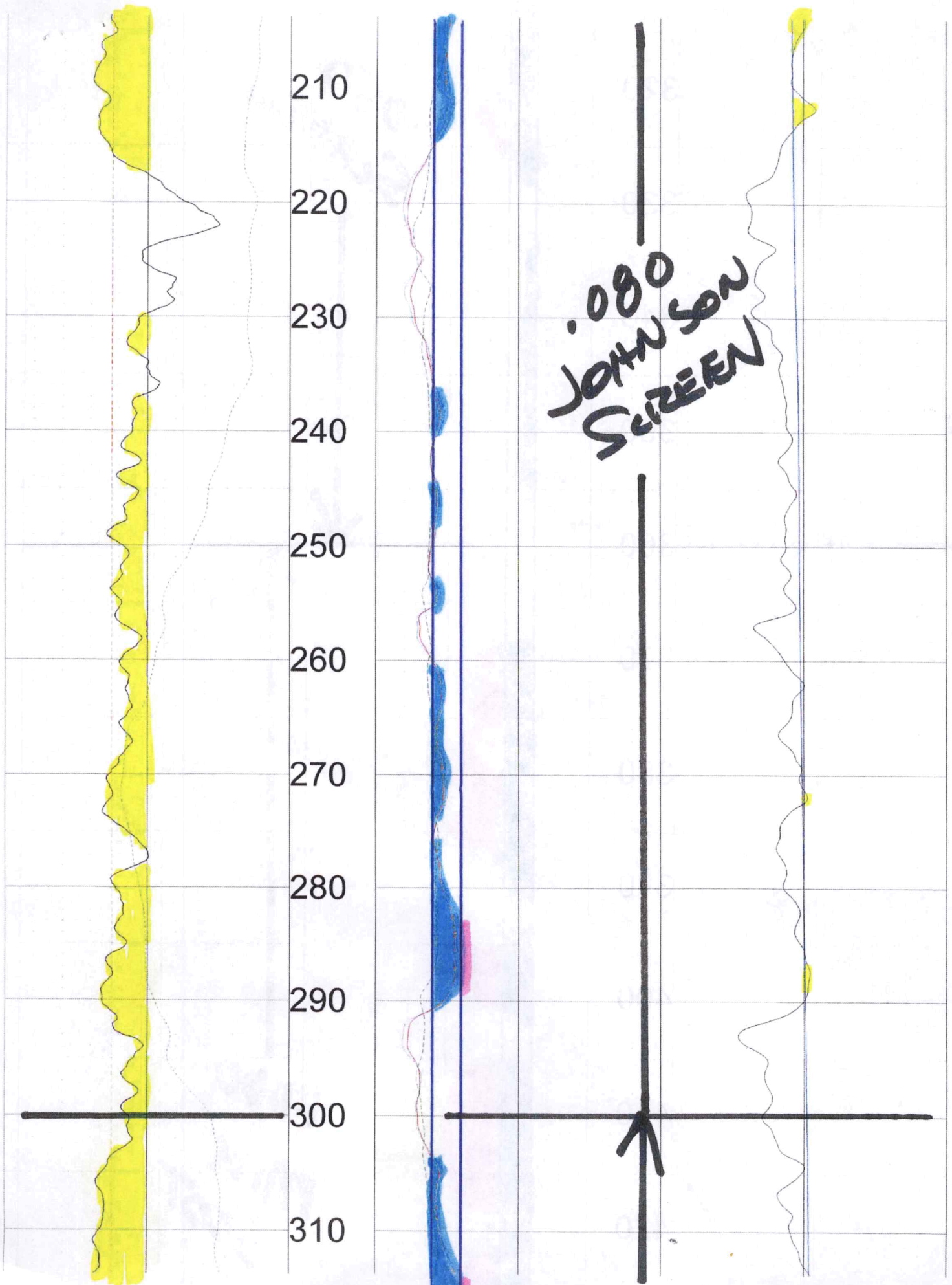
280

290

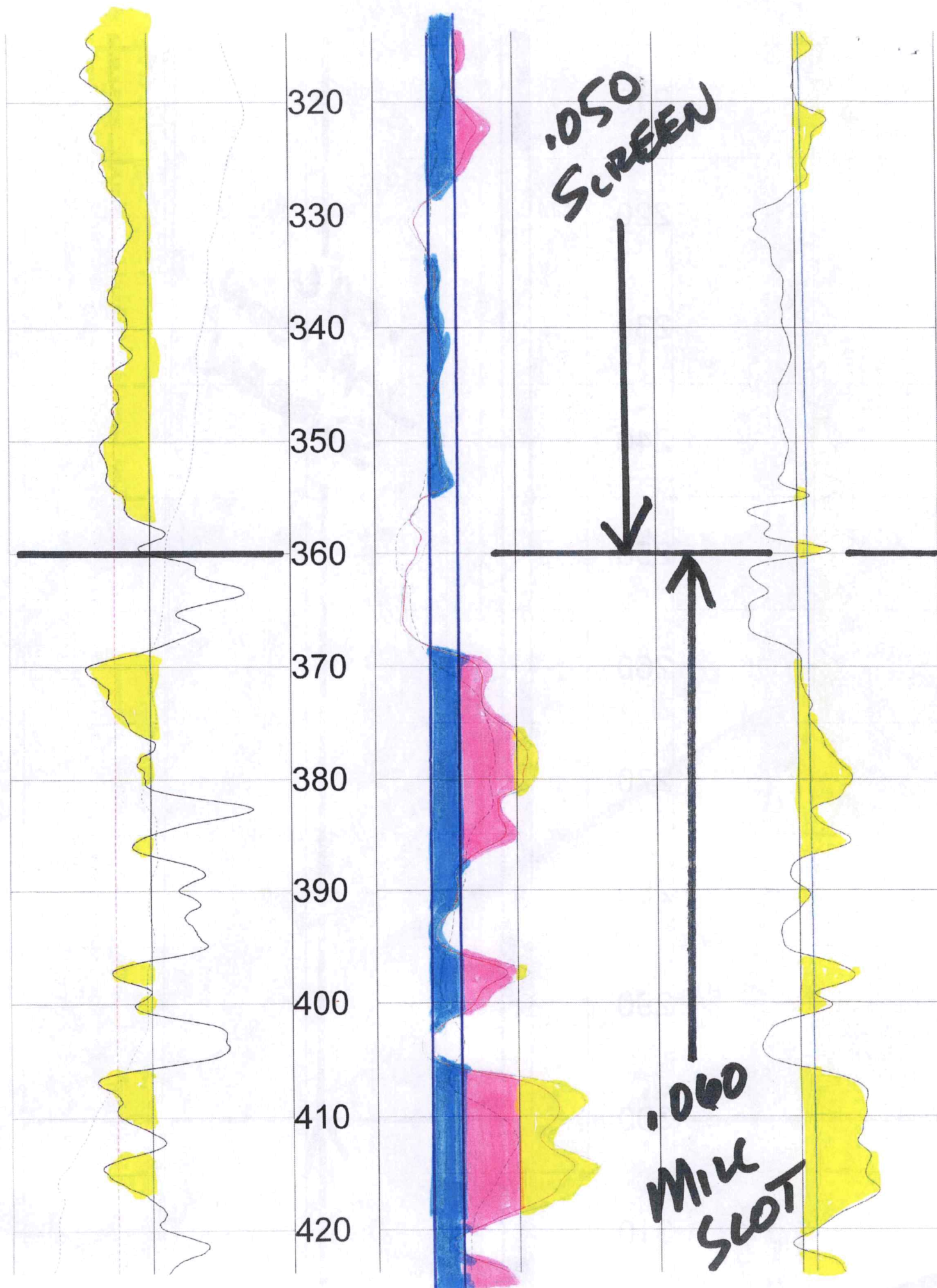
300

310

.080  
JOHNSON  
SCREEN









430

440

450

460

470

480

490

500

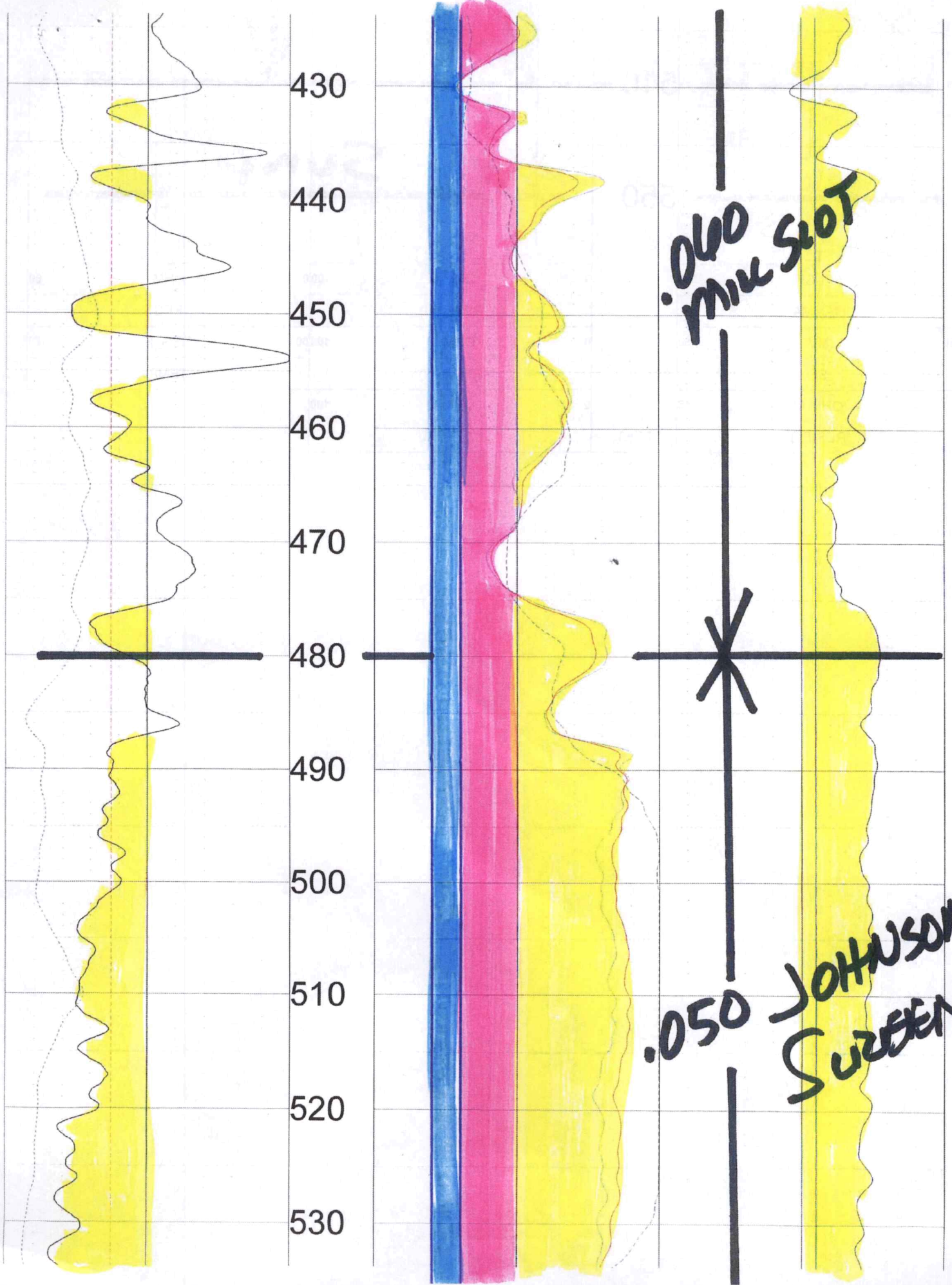
510

520

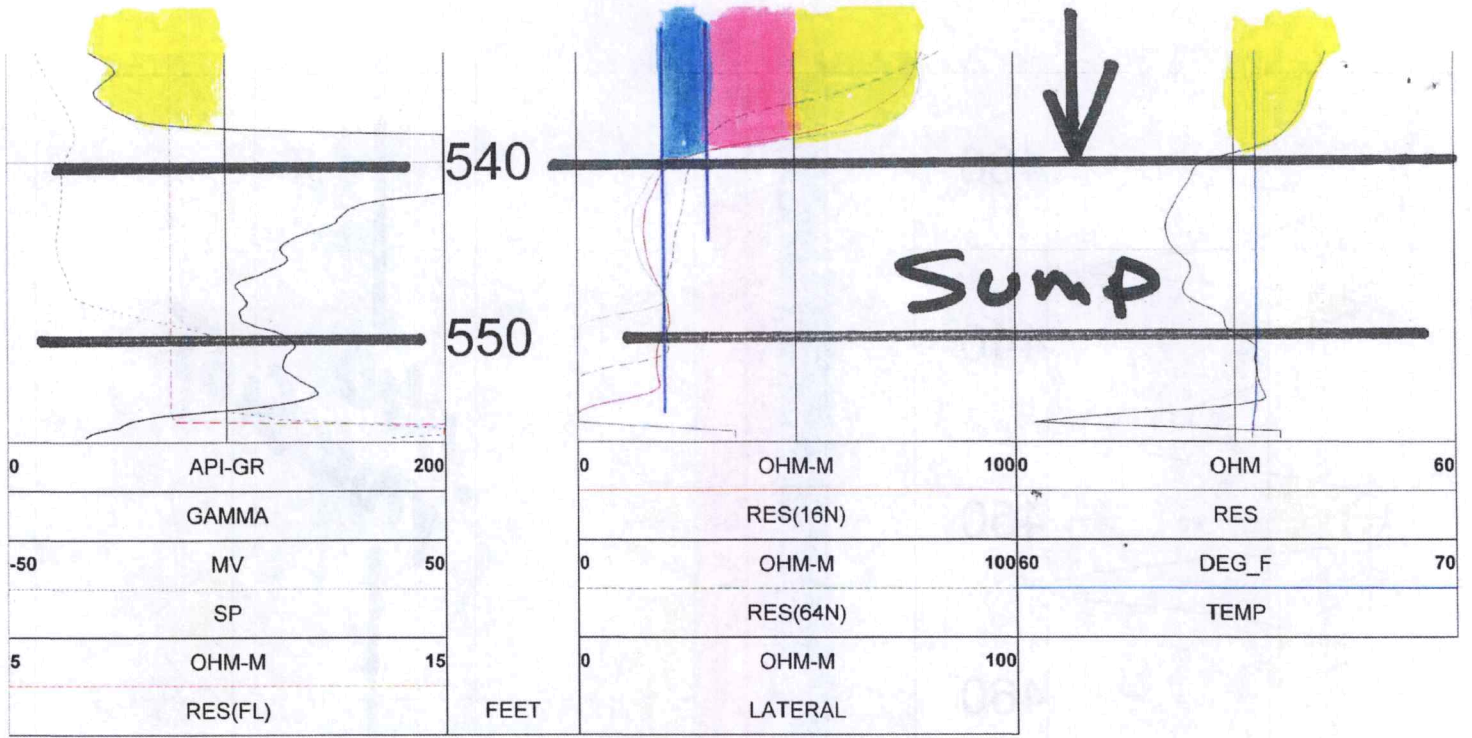
530

.060  
MIL SLOT

.050 JOHNSON  
SCREEN







TOOL CALIBRATION RODGER KOEHN 08/15/19 17:42  
TOOL 8144A TM VERSION 1  
SERIAL NUMBER 365

	DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Feb20,18	08:50:39	GAMMA	1.000 [API-GR ]	0.000 [CPS]
	Feb20,18	08:50:39	GAMMA	340.000 [API-GR ]	290.000 [CPS]
2	Feb20,18	08:50:53	RES(FL)	1.330 [OHM-M ]	7595.000 [CPS]
	Feb20,18	08:50:53	RES(FL)	42.720 [OHM-M ]	64820.000 [CPS]
3	May23,19	12:15:28	SP	0.000 [MV ]	326670.000 [CPS]
	May23,19	12:15:28	SP	390.000 [MV ]	160725.000 [CPS]
4	May23,19	12:16:04	RES(16N)	0.000 [OHM-M ]	3440.000 [CPS]
	May23,19	12:16:04	RES(16N)	1954.000 [OHM-M ]	448025.000 [CPS]
5	May23,19	12:16:26	RES(64N)	0.000 [OHM-M ]	2850.000 [CPS]
	May23,19	12:16:26	RES(64N)	1989.000 [OHM-M ]	448064.000 [CPS]
6	Feb20,18	08:50:45	TEMP	33.400 [DEG_F ]	66910.000 [CPS]
	Feb20,18	08:50:45	TEMP	102.300 [DEG_F ]	270930.000 [CPS]
7	May23,19	12:17:01	RES	0.000 [OHM ]	21322.000 [CPS]
	May23,19	12:17:01	RES	943.000 [OHM ]	189850.000 [CPS]