

File No. **20926** 11. County: **KE** Basin: **ARKANSAS RIVER** Stream: Formation Code: **211/331** Special Use:

12. Points of Diversion
CHK
MOD
DEL
ENT PDIV Qualifier S T R ID 'N 'W **Comment (AKA Line)** Rate gpm Quantity af Additional Rate gpm Quantity af Overlap PD Files

DEL 6279

ENT SESESW 34 24 35 W 490 2874 940 272 940 272

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 12918																		8a	Y	none

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

October 19, 2020

VYN LAND & CATTLE
PO BOX 1567
DALHART TX 79022

RE: Water Right, File Nos. 16406, 20926, 20928, 20933

Dear Sir:

Enclosed are orders executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving applications for change under the above referenced file numbers.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approvals for change. A condition of this approval is that an acceptable water flow meter must be installed on the diversion works authorized under the referenced file numbers and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed.

Since these orders modify the original documents referred to above, they 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 contact this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
enclosures

pc:
GMD3

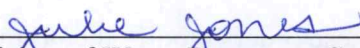
CERTIFICATE OF SERVICE

On this 19th day of October 2020, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 16406, 20926, 20928, 20933 dated the 19th day of October 2020 was mailed postage prepaid, first class, US mail to the following:

VYN LAND & CATTLE
PO BOX 1567
DALHART TX 79022

Pc:

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.

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



STATE OF KANSAS

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>

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. 20926

RECEIVED
8:01 AM
SEP 08 2020

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: VYN LAND AND CATTLE

PO BOX 1567 DALHART TX 79022

Phone Number: () Email address: _____

Name and address of Water Use Correspondent: SAME AS ABOVE

Phone Number: () Email address: _____

3. The presently authorized place of use is:

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			

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 \$ 200.00 TR # _____ Receipt Date 9-8-20 Check # 3474

5. **Presently authorized point of diversion:** MS cmr

One in the _____ Quarter of the _____ NC Quarter of the _____ NE Quarter of Section _____ 3 _____, Township _____ 25 _____ South, Range _____ 35 _____ W, in Kearny _____ 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 or if existing point is better described by GPS)

One in the _____ SE Quarter of the _____ SE Quarter of the _____ SW Quarter of Section _____ 34 _____, Township _____ 24 _____ South, Range _____ 35 _____ W, in Kearny _____ County, Kansas, _____ 490 _____ feet North _____ 2874 _____ 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 _____

6. **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 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

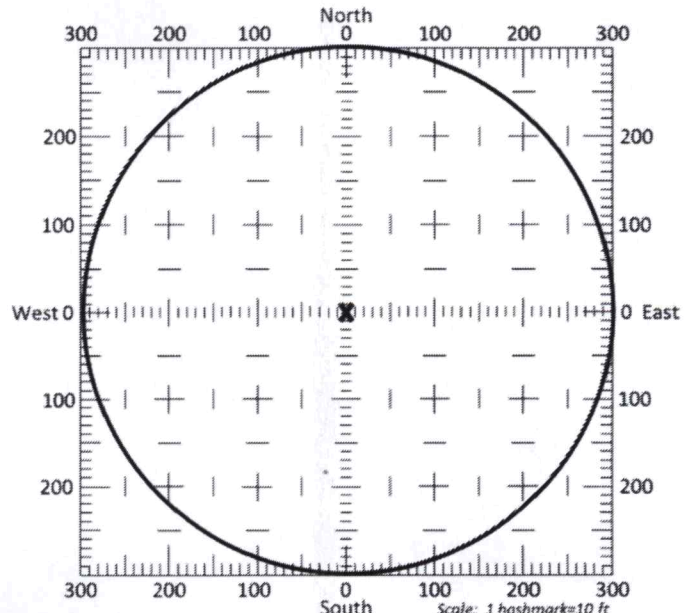
9. The change(s) (was)(will be) completed by? _____

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 a 300 foot radius of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. The proposed point of diversion must be located within the circle shown above. **(PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)**

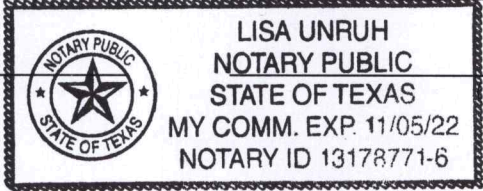
14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:
- (a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?
 Yes No (If no, all owners must sign this application.)
 - (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 Dalhart, ^{Texas} ~~Kansas~~, this 2nd day of September, 20 20.

(Owner)	(Spouse)
<u>Justin Vyn</u> (Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)



State of ~~Kansas~~ Texas }
 County of Dallam } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 2nd day of September, 20 20.

Notary Public

My Commission Expires 11/05/2022.

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.

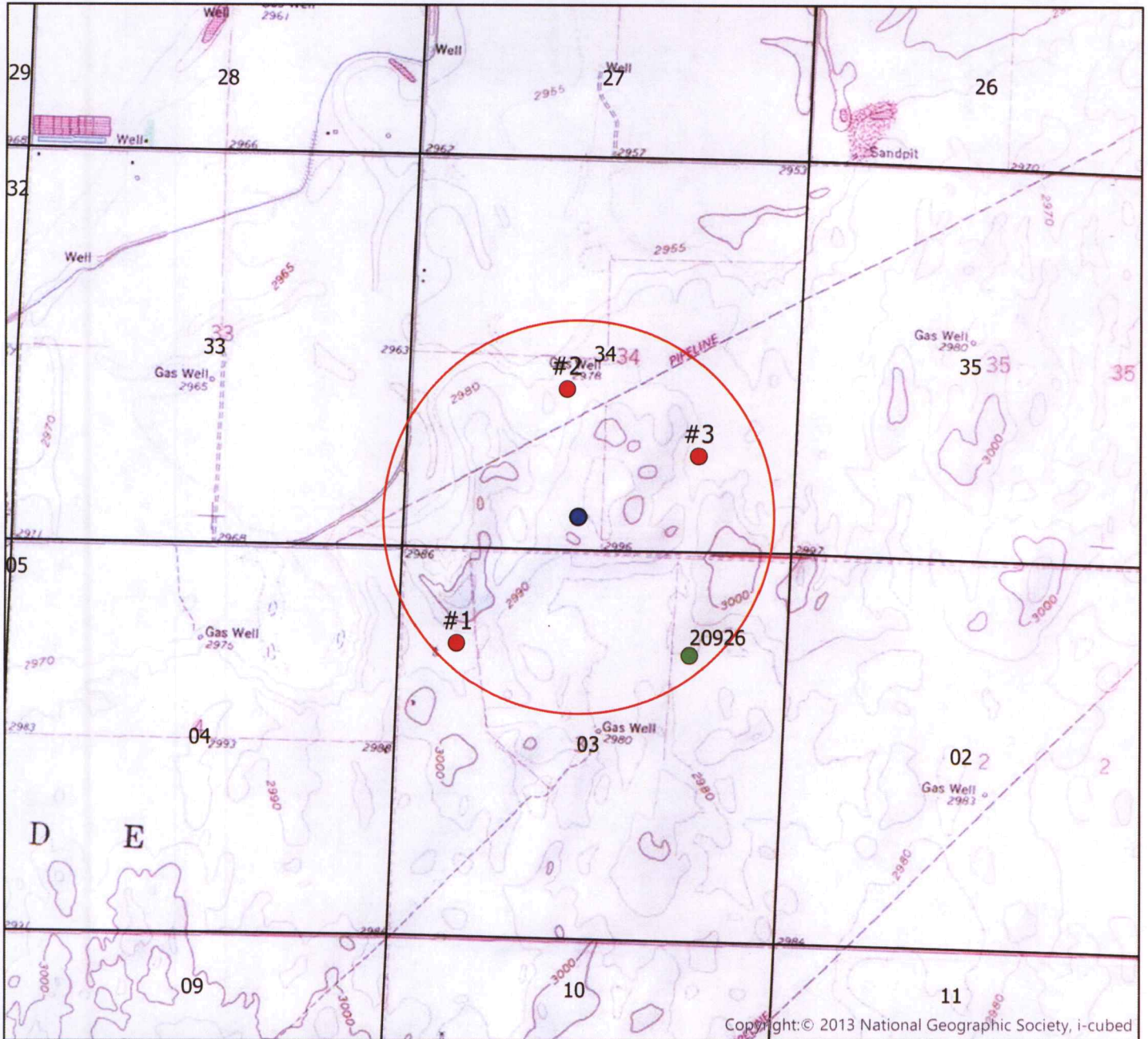
FEE SCHEDULE

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

CHANGE IN POINT OF DIVERSION WATER RIGHT, FILE NO. 20926

SW1/4 of Section 34 Township 24 South Range 35 West Kearny County



Copyright: © 2013 National Geographic Society, i-cubed

- Authorized Point of Diversion
- Proposed Point of Diversion
- ★ Domestic Wells within 1/2 mile
- Permitted Wells within 1/2 mile
- 1/2 Mile Buffer

List of owner name and addresses within 1/2 mile:

- #1 File No. 15730
GRAHAM FARMS INC
- #2 File No. 23803 (9)
VYN LAND AND CATTLE
- #3 File No. 23803 (8)
VYN LAND AND CATTLE



All wells of any kind within 1/2 mile of the proposed point of diversion have been plotted.

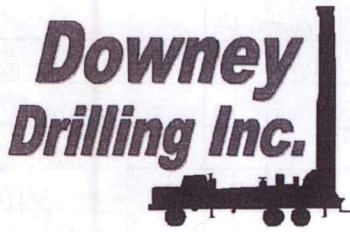
(Signature)

Date

Date: 8/26/2020 HH/GCFO
Scale: 1:24,000

WELL LOG

DATE: 7/28/2020



TH #2

CUSTOMER NAME: VYN LAND & CATTLE M5 TH#2

LEGAL: SESW 34-245-35W

COUNTY: KEARNY CO.

GPS: 37.917108

-101.149783

LOGGER:

DRILLER: ROGELIO

WO: 20-591

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	10	SILT, FINE SAND	SOFT		FAST		SMOOTH
	10	22	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	22	52	FINE-MED-COARSE SAND	SOFT		FAST		CHATTER
	52	68	FINE-MED-COARSE SAND W/ SANDY CLAY LAYERS	SOFT	TAN	FAST		CHATTER
	68	85	COARSE - V. COARSE SAND, FINE - MED GRAVEL	SOFT	TAN / RED	FAST		CHATTER
	85	92	SANDY CLAY	SOFT	TAN	FAST		SMOOTHER
	92	102	FINE - MED GRAVEL	SOFT	TAN / RED	FAST		CHATTER
	102	118	BROWN & BLUE STICKY CLAY MIXED	STICKY	BROWN, BLUE	FAST		SMOOTH
	118	122	COARSE - V. COARSE SAND, FINE - MED GRAVEL	SOFT	TAN / RED	FAST		CHATTER
	122	133	BROWN & BLUE STICKY CLAY MIXED	STIFF	BROWN, /BLUE	FAST		SMOOTHER
	133	154	MED-COARSE SAND W/ BROWN & BLUE STICKY CLAY LAYERS	STICKY	BROWN, BLUE	FAST		SMOOTH
	154	169	FINE-MED-COARSE SAND, TR. FINE GRAVEL	SOFT	TAN	FAST		CHATTER
	169	174	CLAY, SANDY CLAY	SOFT	BROWN	FAST		SMOOTHER
	174	193	FINE - MED GRAVEL	SOFT	TAN / RED	FAST		CHATTER
	193	200	CLAY, SANDY CLAY	STICKY	BROWN, BLUE	SLOWER		SMOOTH
	200	220	MED - COARSE SAND	SOFT	TAN	FAST		CHATTER
	220	227	CLAY, SANDY CLAY	SOFT	TAN	SLOWER		SMOOTHER
	227	262	MED - COARSE SAND	SOFT	TAN	FAST		VIBRATION SMOOTH & VIBRATION
	262	267	SANDY CLAY W/ CEM SAND	SOFT	TAN, WHITE	FAST		VIBRATION/ CHOPPY
	267	282	MED-COARSE SAND W/ CEM SAND	SEMI-SOFT	TAN / WHITE	FAST		SMOOTHER
	282	288	CLAY	STIFF	TAN	SLOWER		VIBRATION/ CHOPPY
	307	322	FINE-MED-COARSE SAND W/ CEM SAND	SEMI-SOFT	WHITE	FAST		SMOOTHER
	322	330	CLAY	STIFF	YELLOW, BROWN	SLOW		VIBRATION & CHOPPY
	330	348	MED-COARSE SAND, & BROWN ROCK LAYERS, TR. CLAY	SEMI-FIRM	YELLOW, BROWN	FAST		CHATTER
	348	350	BLACK ROCK	HARD	BLACK	SLOW		SMOOTH
	350	369	SHALE / CLAY	STIFF / DENSE	GRAY	SLOW		SMOOTH, CHOPPY AT TIMES
	369	400	SANDSTONE & BROWN ROCK LAYERS (TRIP OUT, USE PDC)	SOFT	GRAY, BROWN	SEMI-SLOW		CHATTER
	400	445	BROWN ROCK, SANDSTONE	SEMI-FIRM	BROWN	FASTER		SMOOTH
	445	494	SHALE W/FINE SAND LENSES	DENSE	GRAY	SEMI-FAST		CHATTER
	494	529	BROWN ROCK, SANDSTONE	SEMI-FIRM	BROWN / GRAY	FAST		SMOOTH
	529	532	SHALE	SOFT	GRAY			SMOOTHER
	532	558	SHALE W/FINE SAND LENSES	DENSE	GRAY	SLOWER		SMOOTH
	558	562	SHALE	DENSE	GRAY	SLOW		LT. CHATTER
	562	565	FINE SAND	SOFTER	GRAY	FASTER		SMOOTH
	565	572	SHALE	DENSE	GRAY	SLOW		NOT AS SMOOTH
	572	584	FINE SAND W/SHALE LAYERS	SEMI-FIRM	GRAY	SLOW		



Century GEOPHYSICAL CORP.

VYN LAND & CATTLE M5

COMPANY : DOWNEY DRILLING INC
WELL : VYN LAND & CATTLE M
LOCATION/FIELD : TH#2
COUNTY : KEARNY C
LOCATION : SE/SW
SECTION : 34

OTHER SERVICES:

TH #2

TOWNSHIP : 24S RANGE : 35W

DATE : 07/29/20
DEPTH DRILLER : 722
LOG BOTTOM : 723.20
LOG TOP : 1.00

PERMANENT DATUM : GL
LOG MEASURED FROM: GL
DRL MEASURED FROM: GL

KB :
DF :
GL :

CASING DIAMETER : 10.
CASING TYPE :
CASING THICKNESS:

LOGGING UNIT : 1903
FIELD OFFICE : DDI
RECORDED BY : DIEGO

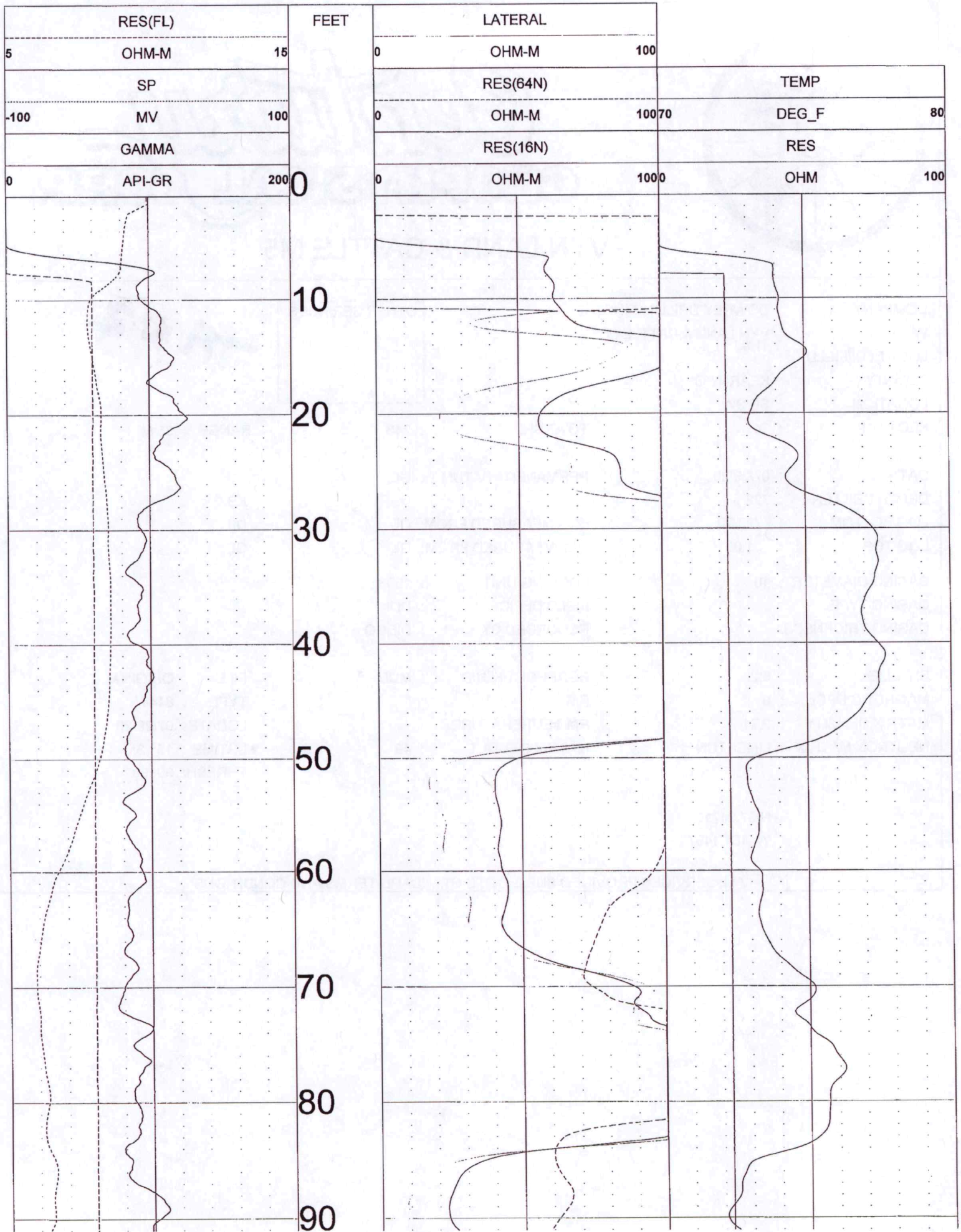
BIT SIZE : 6.25
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.71
NEUTRON MATRIX : LIMESTON

BOREHOLE FLUID : MUD
RM :
RM TEMPERATURE :
MATRIX DELTA T : 49

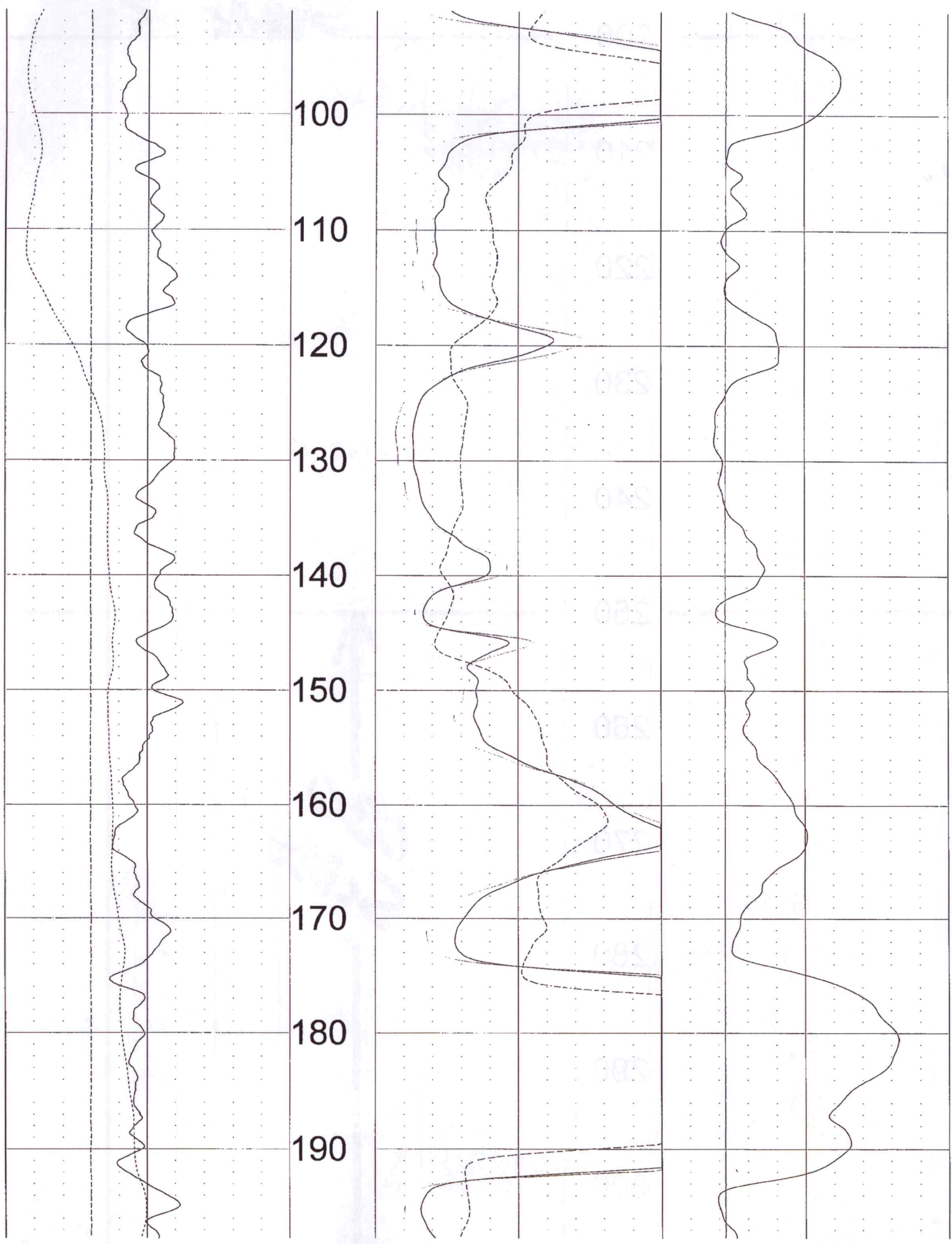
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TYPE : 8144A
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LGTIME : 15:13:
THRESH: 99999

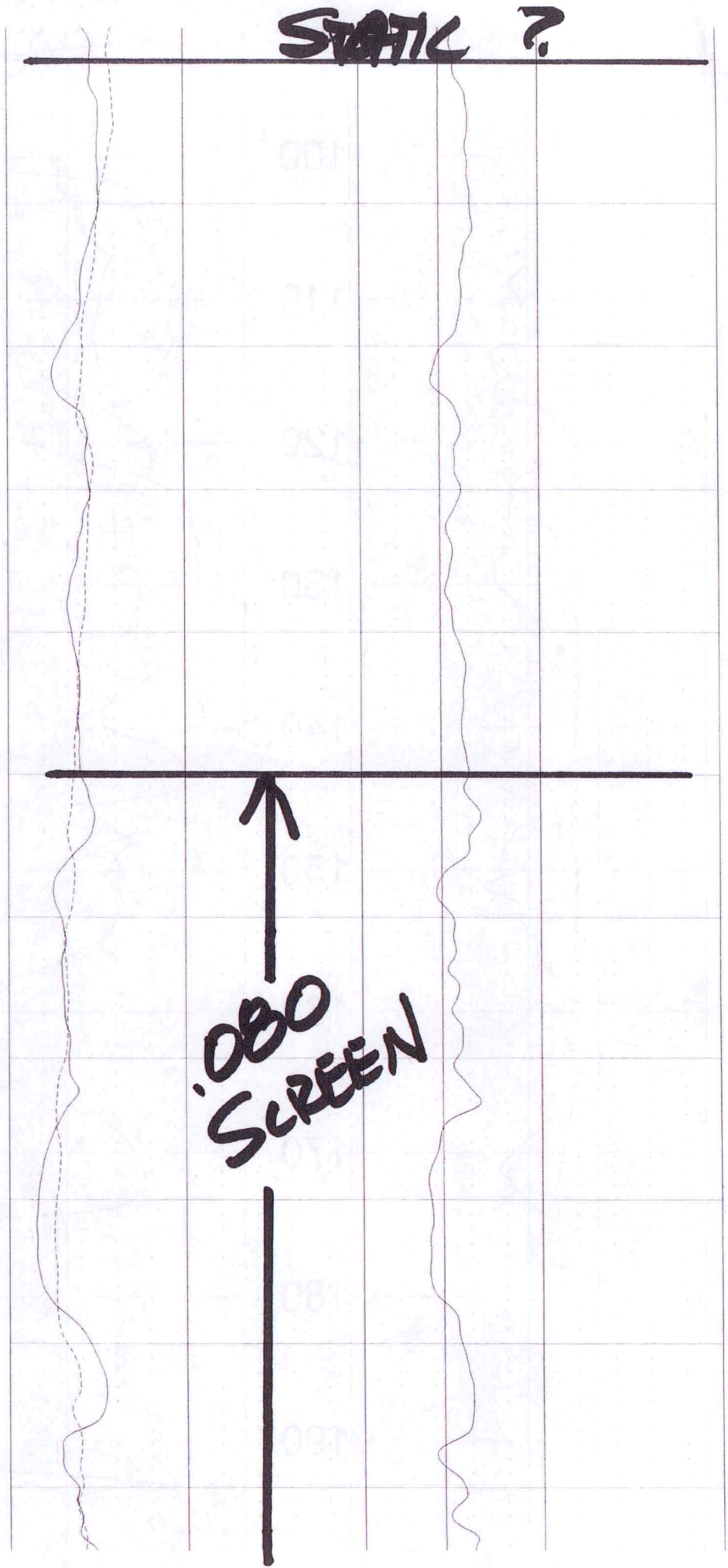
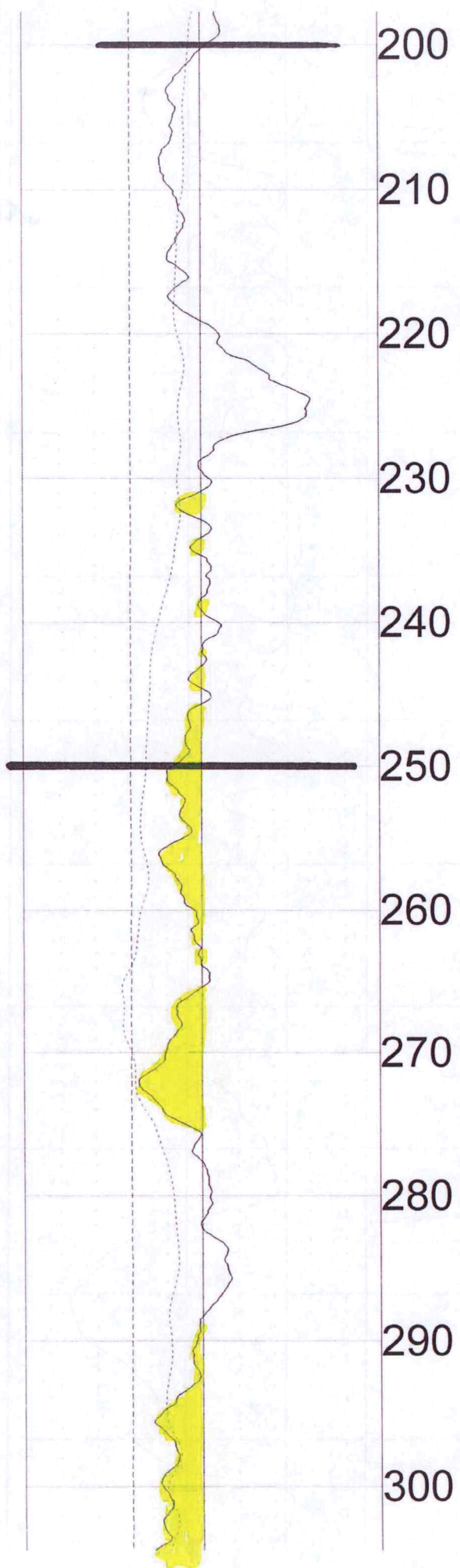
N 37.91710
W -101.14978

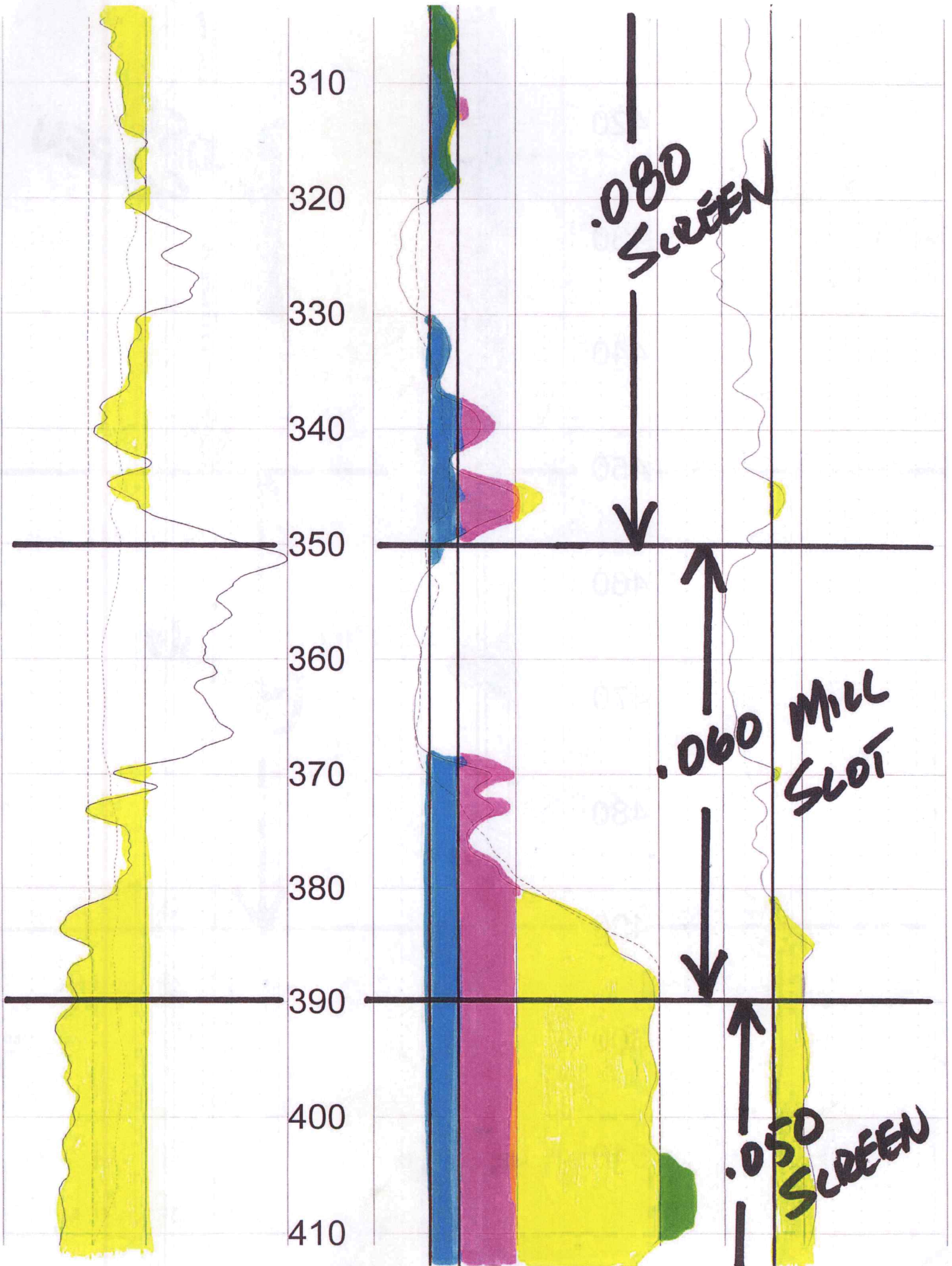
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

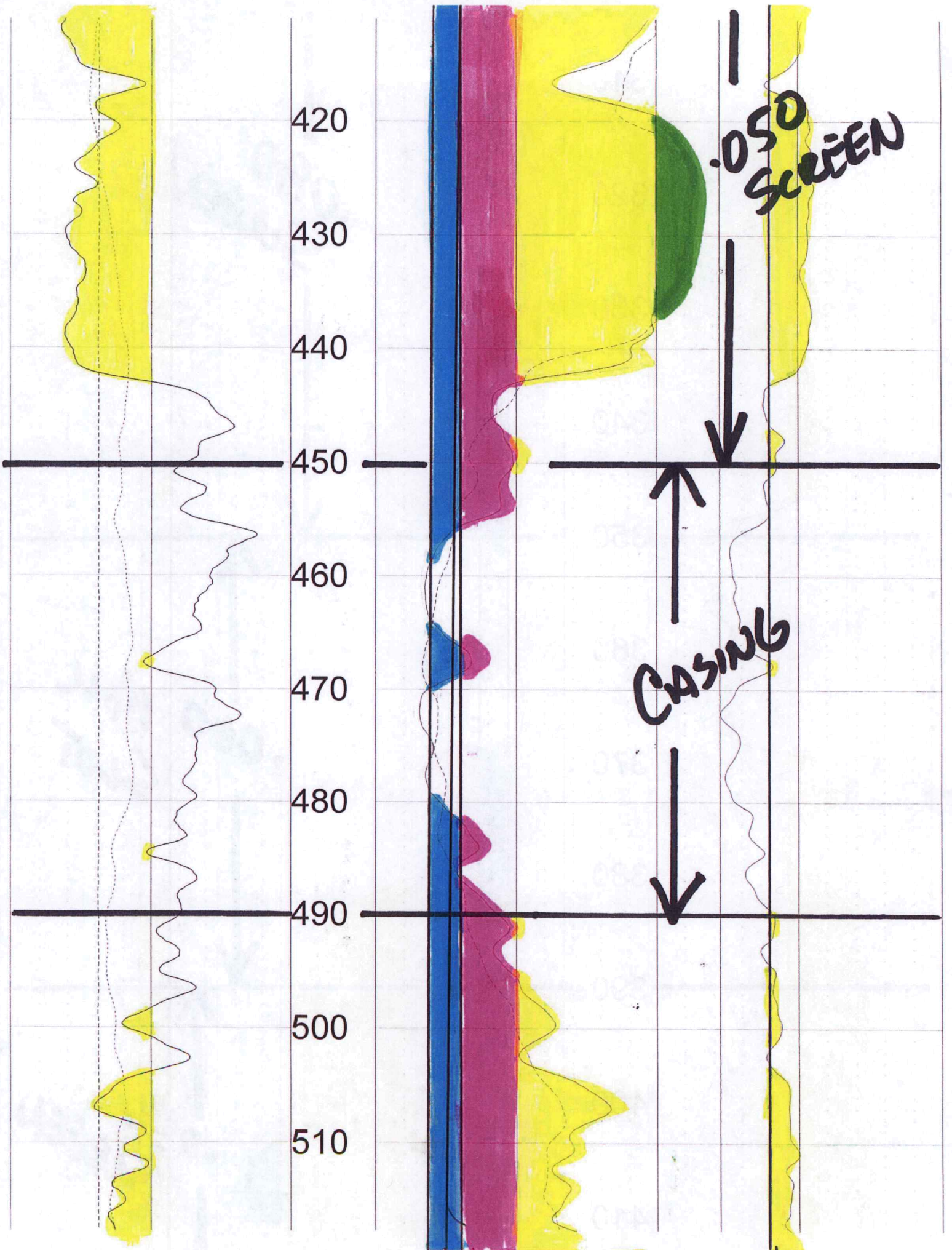


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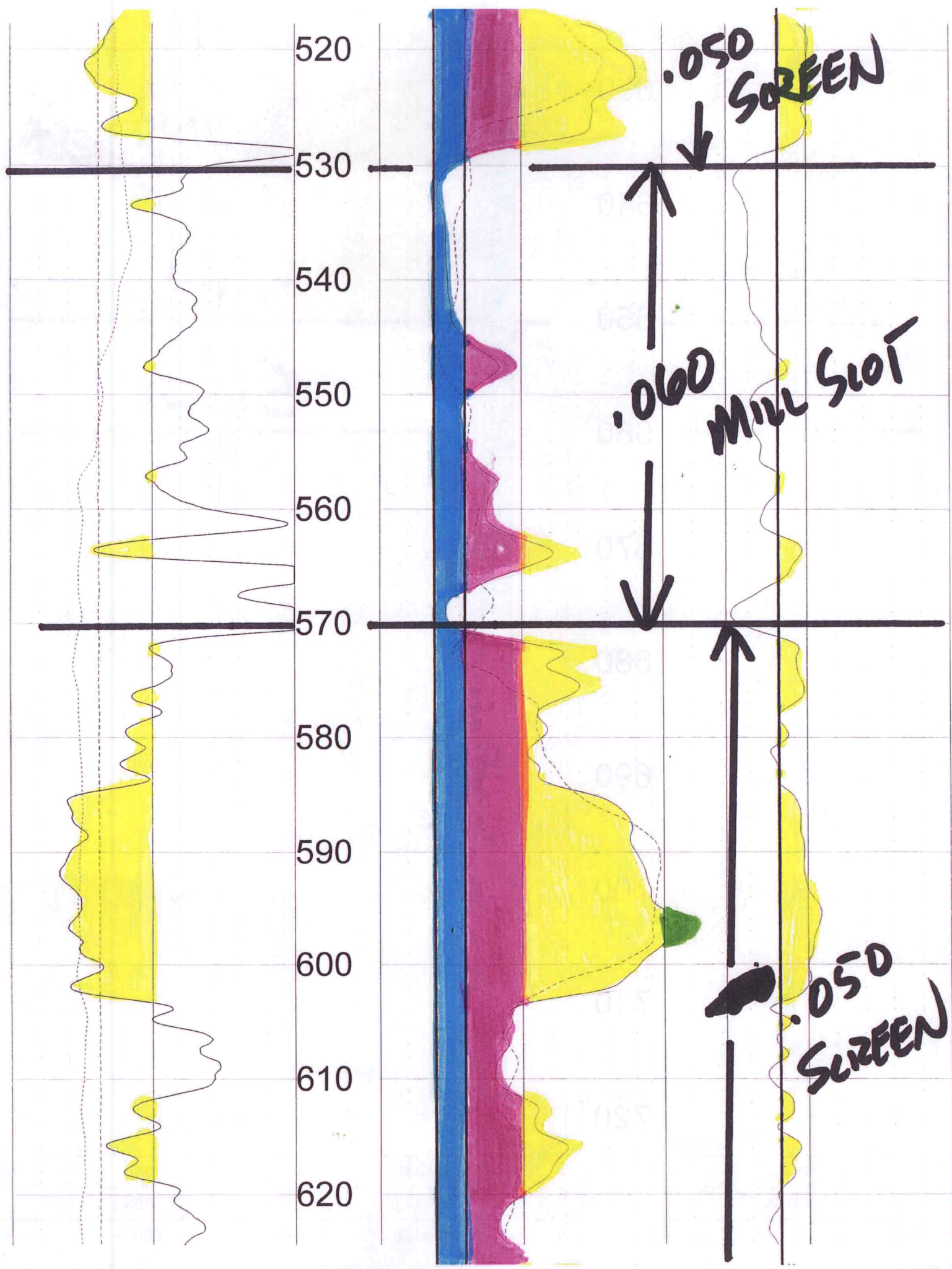


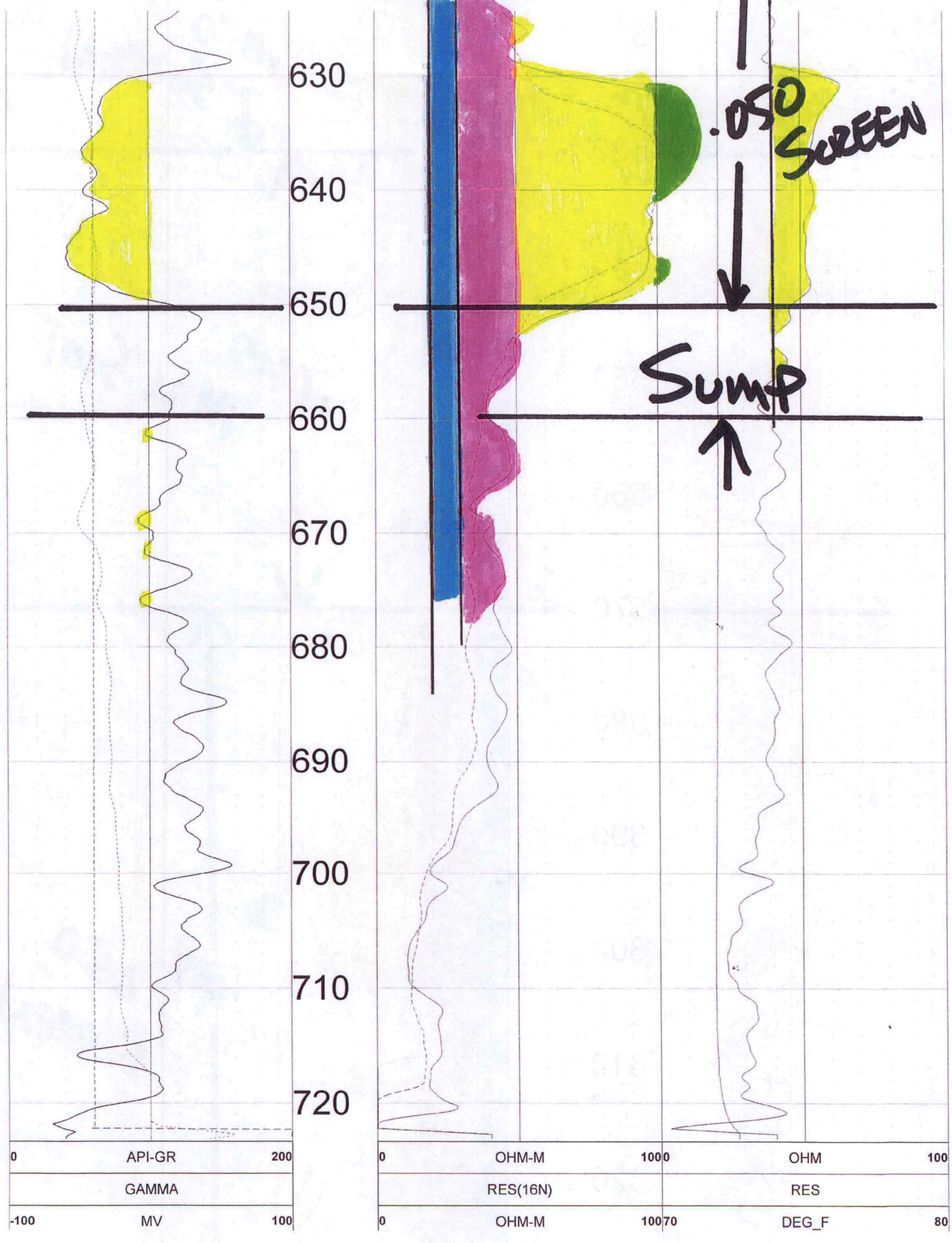
520
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610
620

.050
SCREEN

.060
MILL SLOT

.050
SCREEN

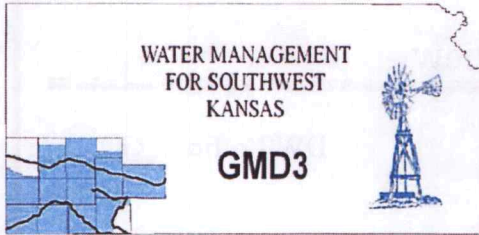




SP		FEET	RES(64N)		TEMP		
5	OHM-M		15	0		OHM-M	100
RES(FL)			LATERAL				

TOOL CALIBRATION VYN LAND & CATTLE M5 07/29/20 15:13
 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]



Southwest Kansas
Groundwater Management District No. 3
2009 E. Spruce Street
Garden City, Kansas 67846
(620) 275-7147 phone (620) 275-1431 fax
www.gmd3.org

October 19, 2020

Michael A. Meyer
Division of Water Resources
4532 W Jones Ave., Suite B
Garden City, Kansas 67846

RE: Application for Change in Point of Diversions
Water Right, File Nos. 16406, 20926, 20928 & 20933

Dear Mike:

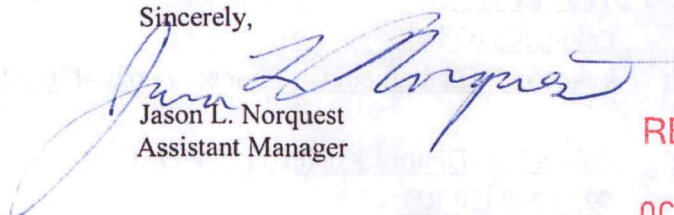
We have completed a review of the applications for the above referenced water rights. The proposed changes in point of diversions are in accordance with current area rules, K.A.R. 5-23-3, as it pertains to distance moved and minimum spacing to neighboring wells.

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the draft revised management program. Under K.S.A. 82a-708b, an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (3.5 or 4.0 ft in cases where saturated thickness between 150-200' and greater than 200 ft respectively), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that one of the neighboring wells exceeded the net effect above the maximum allowable threshold, but further evaluation determined it was not critical. Our office received no comments of concern from neighboring well owners. Therefore, GMD3 sees this move as reasonable and therefore recommend that the application be approved. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,

A handwritten signature in blue ink, which appears to read "Jason L. Norquest", is written over the typed name and title.

Jason L. Norquest
Assistant Manager

RECEIVED

OCT 19 2020

GMD3 Change Review

File No(s): 16406, 20926, 20928 & 20933.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Vyn Land & Cattle .

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? .

If NO, is documentation included?

Regulation(s) Reviewed: KAR 5-23-3

Point of diversion ID No(s) Multiple being changed.

See attached sheet for all calculations

	<u>16406</u> ft. North	ft. West	
Authorized PD	3960	3960	Sect 2-25-35
Proposed PD	5112	5220	
Difference	-1152 n	-1260 w	
$a^2 + b^2 = c^2$	1327104	1587600	1707.25 foot move NW

GPS for proposed PD: Lat: . Long: .

Is proposed PD stacking on existing WRs? No, the moves are going to new wells or to wells vacated in these changes.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: .

Name Rodger L & Cheryl Koehn (15583, KE84).

Address 2350 Road 130.

Zip Lakin, KS 67860.

Email: rodger.koehn@gmail.com. Phone: 620-271-7541 .

Name Graham Farms LLC (15730 01, 20927, 45870, 20935, 20936) .

Address 2150 Road 220.

Zip Deerfield, KS 67838.

Email: cweatherred@gmail.com. Phone: 620-272-3074.

Name Morgan Land & Cattle Inc % Mickey Morgan (11780, KE48) .

Address 2149 Highway 50.

Zip Deerfield, KS 67838 .

Email: mlmorgan@pld.com. Phone: 620-355-1713.

Name Kyle & Geneva Koehn (14344D1).

Address 1205 Road Y.

Zip Lakin, KS 67860.

Email: kgkoehn88@gmail.com. Phone: 620-426-7240.

Name Calvin R & Debra J Koehn (14344D3).

Address 9228 N 2420 RD.

GMD3 Change Review

Zip Thomas, OK 73669.
Email: kgkoehn88@gmail.com. Phone: .

Name Dale & Cynthia G Yost (20932).
Address 1142 Road AA.
Zip Lakin, KS 67860.
Email: dchayfarms@gmail.com. Phone: 620-277-5107.

Name Tim Yost (20937).
Address 2396 Road 115.
Zip Lakin, KS 67860
Email: tkyost12@gmail.com. Phone: 620-277-5107.

Domestic well(s) notified: __.

Name Marilyn Sue Wolfe Trust (SE 33-24-35).
Address PO Box 875.
Zip Lakin, KS 67860.

Name Larry F & Patsy S Goree (NE CE 4-25-35).
Address 1249 Road Y.
Zip Lakin, KS 67860.

Name Eva Dyck (NE 4-25-35).
Address 2143 Road 130.
Zip Lakin, KS 67860.

Name John & Jana Jenkinson (SE NE 2-25-35).
Address PO Box 475 Lakin, KS 67860.
Zip Lakin, KS 67860.

Name Cory & Jessica Weatherred (NW NE 2-25-35) .
Address 2357 Road 130.
Zip Lakin, KS 67860.

Name Keith W & Karen S Giesbrecht (SE SE 35-24-35).
Address 2394 Road 130.
Zip Lakin, KS 67860.

Base Acres: __.

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OCT 19 2020

Garden City Field Office
Division of Water Resources

GMD3 Change Review

Perfected Acres: __.

Irr. Return-Flow __%

Applications appear to be moving 6 wells under 16406, 20926 & 20928. Reality is they are only drilling 2 new wells and the rest are being shifted to existing wells under these water rights.

16406:

ID2 will move to new well in NE corner

ID4 will move to ID6

ID5 will move to well vacated by 20928

ID6 will move to ID2

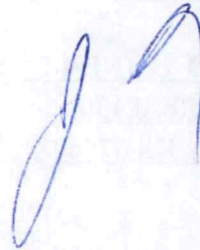
20926 will move to a new well in section 34

20928 will move to the well vacated by 20926

20933 is a redrill that stands by itself.

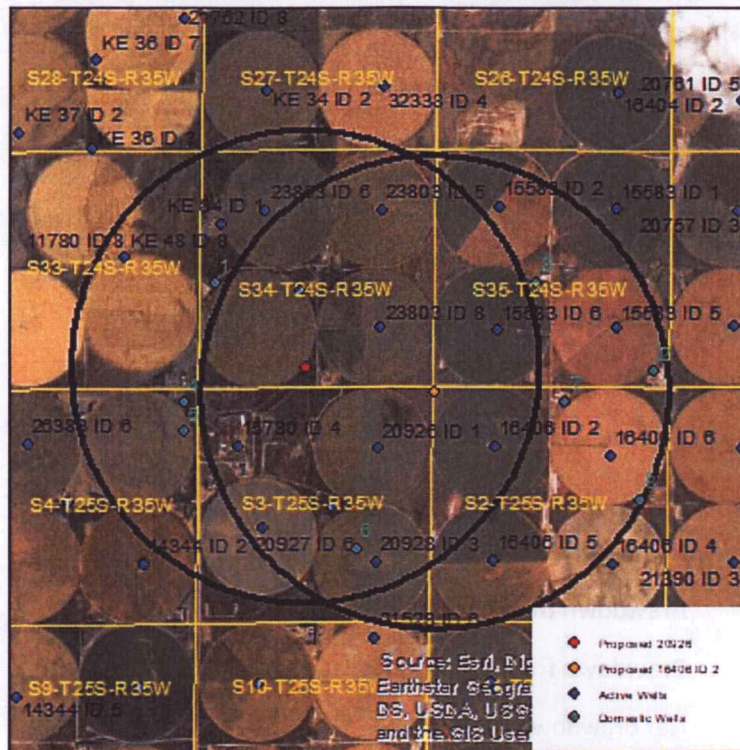
Is a waiver needed: Distance moved and minimum spacing to neighboring wells in all cases appears to be met. Analysis shows that only one well exceeded first criteria but none of them were found to be critical. We did not receive any official concern from notices.

Recommendation: After review of all available information, it appears current area rules are met. Analysis was favorable for the neighboring area. Staff therefore recommends approval of the applicaitons.



Evaluation of proposed moves for Water Right Nos 16406, 20926, and 20928

Proposed: Move water right nos. 16406, 20926, and 20928. Water right 16406 ID 5 will move to the well currently authorized under water right 20928. Water right 16406 ID 4 will move to the well currently authorized under water right 16406 ID 6. Water right 16406 ID 6 will move to the well currently authorized under water right 16406 ID 2. Water right 20928 will move to the well currently authorized under water right 20926. Water right 16406 ID 2 will move to a new location, 1,831 feet to the northwest. Water right 20926 will move to a new location, 2,493 ft to the northwest. No existing well is gaining new authority. Water right nos. 16406 ID 5 and 16406 ID 4 will no longer operate.



Wells within 1 mile of wells to be drilled: 11780 & KE 48, KE 84, 23803 ID 5, 23803 ID 6, 23803 ID 8, 23803 ID 9, 15583 ID 2, 15583 ID 5, 15583 ID 6, 15730, 20927, 20928, 45870, 16406 ID 6, and 8 domestic wells, numbered on the above map.

The saturated thickness at the proposed well location for water right no. 20296 is estimated to be 220 ft, based upon the GMD3 model. The saturated thickness at the proposed well location for water right no. 16406 ID 2 is 189 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft. For saturated thicknesses between 150 ft and 200 ft, the drawdown allowance is 3.5 ft. For this application, the drawdown allowance is 4.0 ft except for in sections 35-24-35 and 2-25-35, where the drawdown allowance is 3.5 ft.

50 year Theis Analysis: The following values were used to run the analysis:

$S = 0.1304, T = 10,021 \text{ ft}^2/\text{day}$

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OCT 19 2020

Garden City Field Office
Division of Water Resources

15583 ID 5: Drawdown from current location = 1.76 ft
Drawdown from proposed location = 2.54 ft
Net drawdown = 0.8 ft

15583 ID 6: Drawdown from current location = 1.82 ft
Drawdown from proposed location = 4.19 ft
Net drawdown = 2.4 ft

15730: Drawdown from current location = 1.54 ft
Drawdown from proposed location = 3.88 ft
Net drawdown = 2.3 ft

20927: Drawdown from current location = 1.69 ft
Drawdown from proposed location = 3.05 ft
Net drawdown = 1.4 ft

20928: Drawdown from current location = 2.43 ft
Drawdown from proposed location = 3.00 ft
Net drawdown = 0.6 ft

45870: Drawdown from current location = 2.01 ft
Drawdown from proposed location = 3.76 ft
Net drawdown = 1.8 ft

16406 ID 6: Drawdown from current location = 2.52 ft
Drawdown from proposed location = 2.56 ft
Net drawdown = 0.0 ft

Domestic 1: Drawdown from current location = 1.29 ft
Drawdown from proposed location = 3.40 ft
Net drawdown = 2.1 ft

Domestic 2: Drawdown from current location = 1.88 ft
Drawdown from proposed location = 2.34 ft
Net drawdown = 0.5 ft

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Garden City Field Office
Division of Water Resources

Domestic 3: Drawdown from current location = 1.65 ft
 Drawdown from proposed location = 3.02 ft
 Net drawdown = **1.4 ft**

Domestic 4: Drawdown from current location = 1.37 ft
 Drawdown from proposed location = 3.32 ft
 Net drawdown = **1.9 ft**

Domestic 5: Drawdown from current location = 1.40 ft
 Drawdown from proposed location = 3.16 ft
 Net drawdown = **1.8 ft**

Domestic 6: Drawdown from current location = 2.26 ft
 Drawdown from proposed location = 3.13 ft
 Net drawdown = **0.9 ft**

Domestic 7: Drawdown from current location = 2.20 ft
 Drawdown from proposed location = 3.14 ft
 Net drawdown = **0.9 ft**

Domestic 8: Drawdown from current location = 2.76 ft
 Drawdown from proposed location = 2.26 ft
 Net drawdown = **-0.5 ft**

Net drawdown effect on water right no. 23803 ID 8 exceeds the drawdown allowance. Therefore, critical well analysis is not necessary on that well.

Critical Well Analysis

23803 ID 8:

Drawdown Due to Proposal: 4.3 ft
 Projected 25 Year Aquifer Decline: 43.9 ft
 Dynamic Drawdown: 15.1 ft (Q = 407 gpm, tp = 139 days, 70% well efficiency)
 Total Drawdown Effect: **63.3 ft**

Economic Drawdown Constraint (EDC) = 220 ft * 0.4 = 88 ft

Physical Drawdown Constraint (PDC) = 220 ft – 60 ft = 160 ft

The total drawdown effect is less than both the EDC and PDC, so this well is not critical.

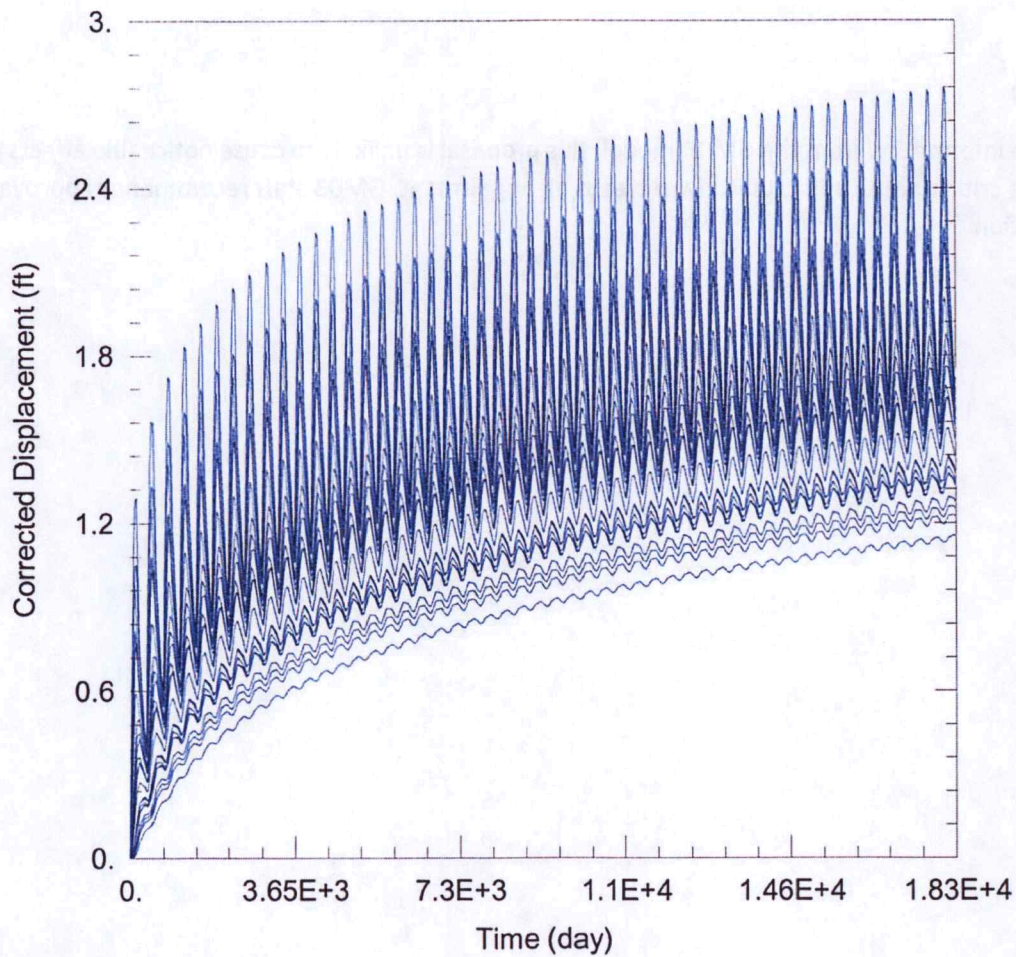
Conclusion:

Based upon information from the GMD3 model, this proposal is unlikely to cause noticeable effects on neighboring critical wells, and is unlikely to create an impairment. GMD3 staff recommends approval of the application.

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OCT 19 2020

Garden City Field Office
Division of Water Resources



WELL TEST ANALYSIS

Data Set: C:\...\16406 & 20926 & 20928 Current.aqt

Date: 10/06/20

Time: 14:31:38

PROJECT INFORMATION

Company: GMD 3

Project: 16406 & 20926 & 20928

Location: Kearny County

Test Well: 16406 & 20926 & 20928

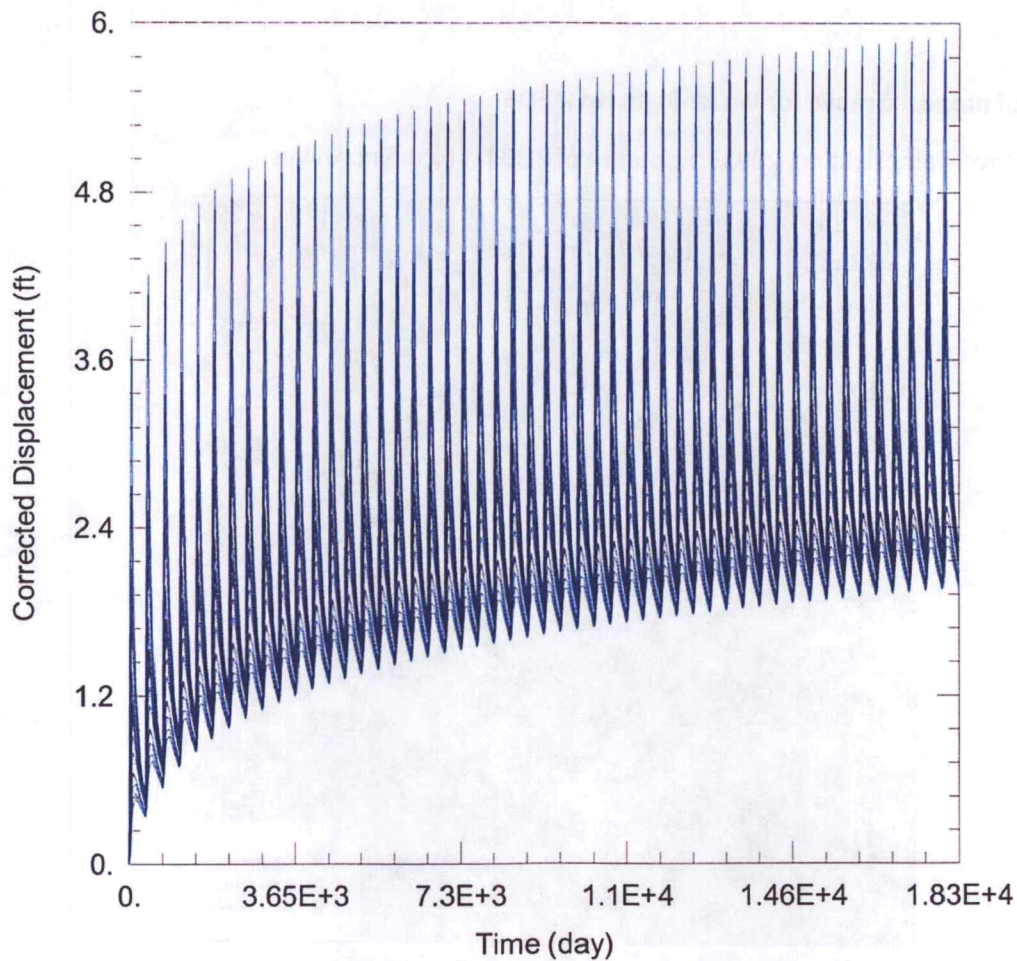
WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
	-96827	375287
	-94113	375208

Observation Wells

Well Name	X (ft)	Y (ft)
□	-96827	375287
□	-94113	375208
□ 11780 & KE48	-105135	382047
□ KE84	-102968	382794
□ 23803 ID5	-99332	383103
□ 23803 ID6	-101954	383095
□ 23803 ID8	-99347	380481
□ 23803 ID9	-101176	381337
□ 15583 ID2	-96695	383181
□ 15583 ID5	-94039	380484
□ 15583 ID6	-96720	380432
□ 15730	-102571	377868
□ 20927	-102033	376027



WELL TEST ANALYSIS

Data Set: C:\...\16406 & 20926 & 20928 Proposed.aqt
 Date: 10/06/20 Time: 14:31:24

PROJECT INFORMATION

Company: GMD 3
 Project: 16406 & 20926 & 20928
 Location: Kearny County
 Test Well: 16406 & 20926 & 20928

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
	-101068	379642
	-98150	379064

Observation Wells

Well Name	X (ft)	Y (ft)
□	-101068	379642
□	-98150	379064
□ 11780 & KE48	-105135	382047
□ KE84	-102968	382794
□ 23803 ID5	-99332	383103
□ 23803 ID6	-101954	383095
□ 23803 ID8	-99347	380481
□ 23803 ID9	-101176	381337
□ 15583 ID2	-96695	383181
□ 15583 ID5	-94039	380484
□ 15583 ID6	-96720	380432
□ 15730	-102571	377868
□ 20927	-102033	376027

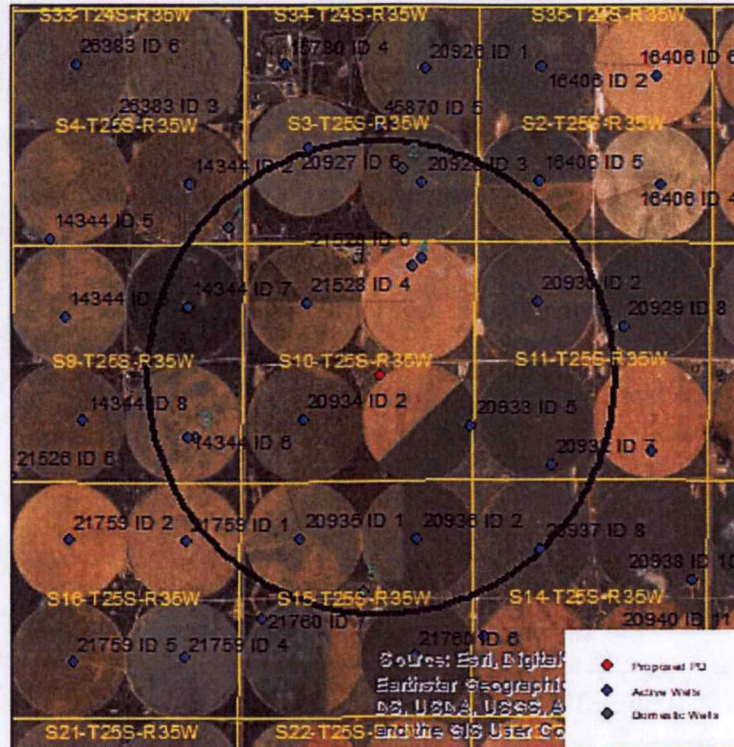
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OCT 19 2020

Garden City Field Office
 Division of Water Resources

Evaluation of proposed move for Water Right No 20933

Proposed: Move water right no. 20933 a distance of 2,332 ft to the northwest.



Wells within 1 mile: 20934, 21528 ID4, 21528 ID6, 14344 ID6, 14344 ID7, 20928, 20930, 20932, 20937, 20935, 20936, and 5 domestic wells, numbered on the above map.

The saturated thickness at the proposed well location is estimated to be 245 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

50 year Theis Analysis: The following values were used to run the analysis:

$S = 0.1685$, $T = 19,797 \text{ ft}^2/\text{day}$, $t_{\text{current}} = 129 \text{ days}$ (based upon average use and observed rate),
 $Q_{\text{current}} = 444 \text{ gpm}$ (based upon 2014 field inspection), $t_{\text{proposed}} = 73 \text{ days}$, $Q_{\text{proposed}} = 840 \text{ gpm}$

Theis drawdowns were calculated as follows:

20934: Drawdown from current location = 0.88 ft
 Drawdown from proposed location = 1.65 ft
 Net drawdown = **0.8 ft**

21528 ID4: Drawdown from current location = 0.78 ft
 Drawdown from proposed location = 1.47 ft
 Net drawdown = **0.7 ft**

21528 ID6: Drawdown from current location = 0.87 ft
Drawdown from proposed location = 1.28 ft
Net drawdown = **0.4 ft**

14344 ID6: Drawdown from current location = 0.64 ft
Drawdown from proposed location = 0.89 ft
Net drawdown = **0.2 ft**

14344 ID7: Drawdown from current location = 0.61 ft
Drawdown from proposed location = 0.88 ft
Net drawdown = **0.3 ft**

20928: Drawdown from current location = 0.69 ft
Drawdown from proposed location = 0.91 ft
Net drawdown = **0.2 ft**

20930: Drawdown from current location = 0.98 ft
Drawdown from proposed location = 1.00 ft
Net drawdown = **0.0 ft**

20932: Drawdown from current location = 1.26 ft
Drawdown from proposed location = 0.92 ft
Net drawdown = **-0.3 ft**

20937: Drawdown from current location = 0.98 ft
Drawdown from proposed location = 0.80 ft
Net drawdown = **-0.2 ft**

20935: Drawdown from current location = 0.78 ft
Drawdown from proposed location = 0.98 ft
Net drawdown = **0.2 ft**

20936: Drawdown from current location = 1.06 ft
Drawdown from proposed location = 1.05 ft
Net drawdown = **0.0 ft**

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OCT 19 2020

Garden City Field Office
Division of Water Resources

Domestic 1: Drawdown from current location = 0.60 ft
Drawdown from proposed location = 0.85 ft
Net drawdown = **0.3 ft**

Domestic 2: Drawdown from current location = 0.67 ft
Drawdown from proposed location = 0.87
Net drawdown = **0.2 ft**

Domestic 3: Drawdown from current location = 0.65 ft
Drawdown from proposed location = 0.92 ft
Net drawdown = **0.3 ft**

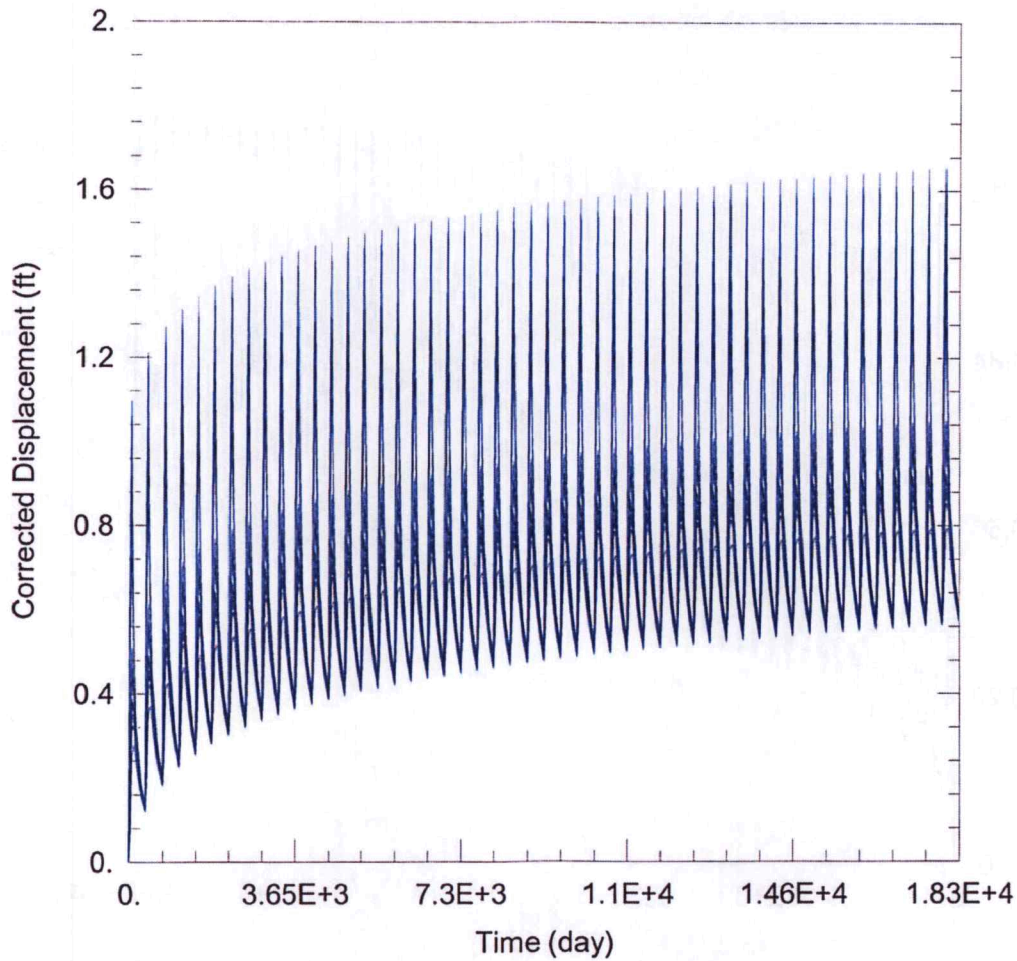
Domestic 4: Drawdown from current location = 0.88 ft
Drawdown from proposed location = 1.37 ft
Net drawdown = **0.5 ft**

Domestic 5: Drawdown from current location = 0.80 ft
Drawdown from proposed location = 0.85 ft
Net drawdown = **0.0 ft**

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any wells within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

Conclusion:

Based upon information from the GMD3 model, this proposal will cause minimal effects on neighboring wells, and is unlikely to create an impairment. GMD3 staff recommends approval of the application.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\20933\20933 Proposed.aqt
 Date: 10/09/20 Time: 17:10:29

PROJECT INFORMATION

Company: GMD 3
 Project: 20933
 Location: Kearny County
 Test Well: 20933

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
20933	-100430	370923

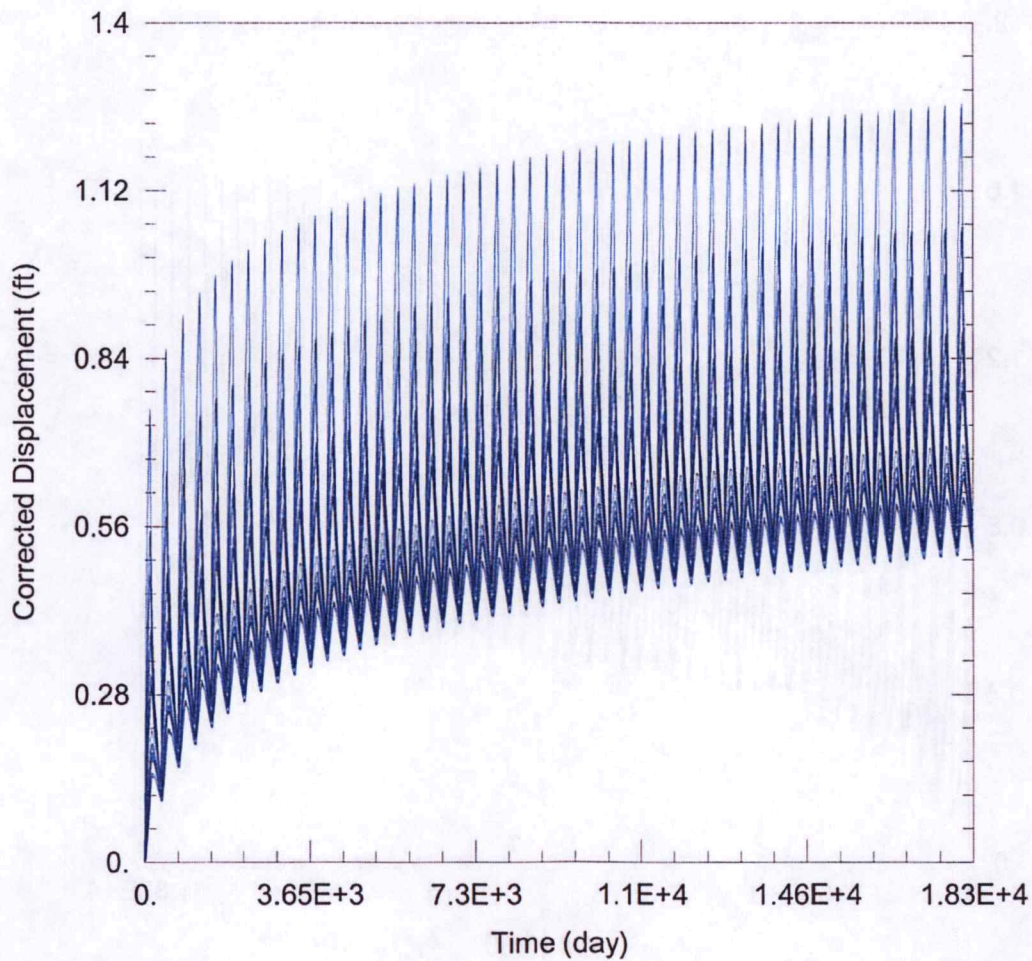
Observation Wells

Well Name	X (ft)	Y (ft)
□	-100430	370923
□ 20934	-102184	369964
□ 21528 ID4	-102098	372571
□ 21528 ID6	-99477	373559
□ 14344 ID6	-104761	369555
□ 14344 ID7	-104776	372461
□ 20928	-99461	375238
□ 20930	-96872	372590
□ 20932	-96561	368953
□ 20937	-96811	367086
□ 20935	-102238	367309
□ 20936	-99594	367315
□ Domestic 1	-103855	374230

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OCT 19 2020

Garden City Field Office
 Division of Water Resources



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\20933\20933 Current.aqt
 Date: 10/09/20 Time: 17:10:35

PROJECT INFORMATION

Company: GMD 3
 Project: 20933
 Location: Kearny County
 Test Well: 20933

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
20933	-98376	369819

Observation Wells

Well Name	X (ft)	Y (ft)
□	-98376	369819
□ 20934	-102184	369964
□ 21528 ID4	-102098	372571
□ 21528 ID6	-99477	373559
□ 14344 ID6	-104761	369555
□ 14344 ID7	-104776	372461
□ 20928	-99461	375238
□ 20930	-96872	372590
□ 20932	-96561	368953
□ 20937	-96811	367086
□ 20935	-102238	367309
□ 20936	-99594	367315
□ Domestic 1	-103855	374230

Meyer, Mike [KDA]

From: Meyer, Mike [KDA]
Sent: Wednesday, October 7, 2020 4:30 PM
To: 'Norquest, Jason (Norquest@gmd3.org)'
Subject: file Nos. 16406, 20926, 20928, 2093

john Jenkinson called to confirm the proposal. I reviewed the proposal and the actual new wells being drilled. he just wanted to go on record that he wanted to protect his domestic supply and has no problems today or any uforeseen future problems. just a matter for the record.

I stated that he would be getting a letter from you also. his response was from our letter.

Mike

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 30, 2020

SOUTHWEST KANSAS GROUNDWATER
MANAGEMENT DISTRICT NO. 3
2009 E SPRUCE ST
GARDEN CITY KS 67846

Re: Water Right, File Nos. 16406, 20926, 20928, 20933

Dear Mr. Norquest:

This is to advise you that Vyn Land and Cattle has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion for the above referenced files. The applications are proposing a to move the current authorize point of diversion that meets regulations. (Please note that File No. 20,933 should be and reviewed after approval of the other referenced files as it is the last in priority of application filing. I wanted to get the recommendation request to you with this package).

We are delaying action on the change applications to allow you time to review and provide a recommendation. Please submit a recommendation within 15 days from the date of this letter.

Thank you and as always feel free to contact this office at any time.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
Enclosures

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 11, 2020

KEITH GIESBRECHT
2394 ROAD 130
LAKIN, KS 67860-6219

RE: Water Right, File Nos. 16406, 20926, 20928

Dear Sir and Madam:

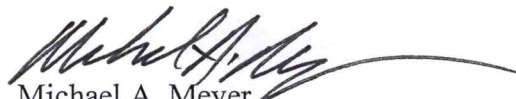
This is to advise you that Vyn Land and Cattle has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, for change in point of diversion under the above referenced applications. Please note there are three applications that are nearby or within one half mile of some of your water right wells.

You can find the complete application posted by water right file number as referenced above at www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices.

You are notified on this proposed points of diversion (wells) so that you may furnish this office with any comments or other information you may want to submit. Such comments or other information must be received in this office within 15 days from the date of this letter.

Should you have any questions, please feel free to call this office. If you would prefer, an appointment could be arranged for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,



Michael A. Meyer
Water Commissioner

MAM
pc:

Groundwater Management District No. 3

SCANNED

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 11, 2020

GRAHAM FARMS INC
2150 ROAD 220
DEERFIELD, KS 67838-9513

RE: Water Right, File Nos. 16406, 20926, 20928

Dear Sir:

This is to advise you that Vyn Land and Cattle has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, for change in point of diversion under the above referenced applications. Please note there are three applications that are nearby or within one half mile of some of your water right wells.

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Sincerely,

A handwritten signature in black ink, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
pc:

Groundwater Management District No. 3

SCANNED

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 11, 2020

JOHN & JANA JENKINSON
1257 ROAD AA
LAKIN KS 67860

RE: Water Right, File Nos. 16406, 20926, 20928

Dear Sir and Madam:

This is to advise you that Vyn Land and Cattle has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, for change in point of diversion under the above referenced applications. Please note there are three applications that are nearby or within one half mile of some of your water right wells.

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Sincerely,

Michael A. Meyer
Water Commissioner

MAM
pc:

Groundwater Management District No. 3

SCANNED

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 11, 2020

DALE D & DOROTHY A KOEHN
1564 21 AVE
GALVA, KS 67443

RE: Water Right, File Nos. 16406, 20926, 20928

Dear Sir and Madam:

This is to advise you that Vyn Land and Cattle has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, for change in point of diversion under the above referenced applications. Please note there are three applications that are nearby or within one half mile of some of your water right wells.

You can find the complete application posted by water right file number as referenced above at www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices.

You are notified on this proposed points of diversion (wells) so that you may furnish this office with any comments or other information you may want to submit. Such comments or other information must be received in this office within 15 days from the date of this letter.

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Sincerely,

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Michael A. Meyer
Water Commissioner

MAM
pc:

Groundwater Management District No. 3

SCANNED

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 11, 2020

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

RE: Water Right, File Nos. 16406, 20926, 20928

Dear Sir and Madam:

This is to advise you that Vyn Land and Cattle has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, for change in point of diversion under the above referenced applications. Please note there are three applications that are nearby or within one half mile of some of your water right wells.

You can find the complete application posted by water right file number as referenced above at www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices.

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Michael A. Meyer
Water Commissioner

MAM
pc:

Groundwater Management District No. 3

SCANNED

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Garden City, KS 67846



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

Mike Beam, Secretary

Laura Kelly, Governor

September 11, 2020

CORY WEATHERED
2357 ROAD 130
LAKIN, KS 67860

RE: Water Right, File Nos. 16406, 20926, 20928

Dear Sir:

This is to advise you that Vyn Land and Cattle has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, for change in point of diversion under the above referenced applications. Please note there are three applications that are nearby or within one half mile of some of your water right wells.

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Should you have any questions, please feel free to call this office. If you would prefer, an appointment could be arranged for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
pc:

Groundwater Management District No. 3

SCANNED