Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET

| 1. File Number: 7582 | 2. Status Change Date: | 3. Change Num: | 4. Field Office: | 5. GMD: |
|--|---------------------------|----------------------|---|----------------------------------|
| 7302 | 10-25-2021 | 02 | 7 | 3 |
| 6. Status: ☐ Approved ☐ Deni | ed by DWR/GMD | Dismiss by Reques | t/Failure to Return | 7. Filing Date of Change: |
| | | | | 10/22/2021 |
| 8a. Applicant(s) New to system □ | Person ID 36411 Add Seq# | 8c. Landowne | | Person IDAdd Seq# |
| S F H TRUST 89 Attn: CEDRIC HANDS 2180 W PARALLEL GARDEN CITY, KS 67846 | ; | | | |
| 8b. Landowner(s) New to system □ | Person ID | 8d. WUC New to sy | stem 🗌 | Person ID 36412 Add Seq# |
| 8a | | 1955 W | GLE H GRAIN & 0 PLYMELL RD EN CITY, KS 6784 | |
| 9. Documents and Enclosure(s): 🛛 DV | /R Meter(s) Date to Compl | y: 12/31/2022 | N & P Date to | Comply: 3/1/2023 |
| ☐ Anti-Reverse Meter ☐ Meter S | Seal Check Valve | ⊠ N & P Form | ☑ Water Tube ☑ Dr | iller Copy 🛛 H & E Letter |
| ☐ Conservation Plan Date Require | ed: Da | te Approved: | Date to | Comply: |
| 10. Use Made of Water From: | | To: _ | | |
| | | | Date Prepared: 10/25/ Date Entered: | 2021 ву: АМ Ву: |

| File No. | 7582 | | 11. County | y: FI | Ва | sin: Al | RKAN | SASR | IVER | | | S | tream: | | | | | | | | rmation Code: 1/ 331 | Special Use | : : |
|-------------------|--|--------------|------------|-----------|----------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------|-------------------|-------------|--------------------------------|------------------|------------|
| 12. Poir | nts of Dive | ersion | | | | | | | | | | | | | | Rate | and Q | uantity | | | | | |
| MOD | PDIV | | | | | | | | | | | * | | | | A | Authori | zed | | A | dditional | | |
| ENT | PDIV | Qualifier | S | Т | R | ID | | N | ʻW | | Com | ment | (AKA I | Line) | | Rate | | Quantit af | у | Rate gpm | | Overlap PD Files | |
| снк | 88007 | NE NE SW | 10 | 26S | 33W | 9 | 2 | 590 | 315 | 4 | | | | | | 540 | | 400 | | 0 | 400 | FI-181 | |
| DEL | 27584 | | | | | | | | | | | | | | | | | | | | | | |
| ENT | | SE SW SW | 10 | 26S | 33W | | 1 | | 439 | 2 | | | | | | 1700 | 0 | | | 1700 |) | NONE | |
| | | | | | | | | | | | | | | | | **(| AUQ | ITITY S | STOR | ED BY \ | WATER RIGI | HT** | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 13. Stora | 13. Storage: RateNF Quantity ac/ft Additional RateNF Additional Quantity ac/ft | | | | | | | | | | | | | | | | | | | | | | |
| 14. Limit | tation: | | af/yr | at | 80 | 0 | | gpm (_ | • | 1.78 | | cfs) w | hen co | mbine | ed with | file nu | umber | (s) FI- | 181 C | N WE | LL (NE NE | SW) | |
| Limi | tation: | | af/yr | r at | | | (| gpm (_ | | | | cfs) w | hen co | mbine | ed with | file nu | umber | (s) | | | | | |
| 15. 5YR | Allocation | : Allocation | Туре | _ s | tart Yea | r | | 5 YR | Amou | nt _ | | Amo | ount U | nit | _ | Base | Acres | | _ Co | omment _ | | | |
| 16. Plac | ce of Use | of Use | | NE1/4 | | | | | NW1/4 SW1/4 | | | | | SE1/4 | | | Total | Owner C | ng? Overlap Files | | | | |
| MOD DEL FNT | PUSE | STR | ID · | NI 1/4 | | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | | | | |
| CHK 7 | | | | | | | | | | | | | | | | | | | | | | | |
| CHK 9 | 141 | | | | | | | | | | | | | | | | | | | | | | |
| снк 1 | 6303 | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | 3 | | | | | |
| Base Ac | cres: | Year: | | Minimu | ım Reas | onable | e Quar | ntity: | | | | | | | | | | | | | | | |
| Comme | nts: | | | | | | | | | | | | | | | | | | | | | | |

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 25, 2021

S F H TRUST 89 Attn: CEDRIC HANDS 2180 W PARALLEL GARDEN CITY, KS 67846

RE:

Filed Office Application for Change

Water Right, File No. 7582

Dear Sir or Madam:

Enclosed is the 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 an acceptable water flow meter must be installed on the diversion works authorized under the referenced file number 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 the 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 contact this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

Michael A. Meyer

Water Commissioner

MAM:am enclosures

pc:

Triangle H Grain & Cattle Co

GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 25th day of October 2021, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 7,582 dated 25th day of October 2021 was mailed postage prepaid, first class, US mail to the following:

S F H TRUST 89 Attn: CEDRIC HANDS 2180 W PARALLEL GARDEN CITY, KS 67846

Pc:

TRIANGLE H GRAIN & CATTLE CO 1955 W PLYMELL RD GARDEN CITY, KS 67846

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.

| | | • | | | | _ | "I - NI - | 7500 | | | | | | | | | F | 1.5 | EIVED |
|-------------|--------------|-------------------------|----------|------------|---------------------|--------|------------------------|--------------|----------|-------------|---------|---------|--------|---------|--------|---------|---------|---------------|--|
| | | | | | | F | ile No | 7582 | | | | | | | | | | ULT. | 2 2 2021 |
| 1. <i>A</i> | Applicati | on is he | reby m | nade fo | r appr | oval o | f the C | hief E | nginee | r to ch | ange t | he (ch | eck on | e or b | oth): | | Gar | den Cit | y Field Office |
| | | | | | | □ P | lace of | Use | | \boxtimes | Point o | of Dive | rsion | | | L | JIVISIO | n of W | ater Resource |
| ι | ınder th | e water | right w | hich is | the su | ıbject | of this | applic | ation ir | n acco | rdance | with t | he cor | ditions | s desc | ribed b | elow. | | |
| ٦ | The soul | rce of su | ipply is | 3: | | ⊠ G | round | water | | | Surfac | e wate | er | | | | | | |
| 2. 1 | Name ar | nd addre | ess of / | Applica | ant: | | | | | | | | | | | | | | PARTIE AND |
| F | Phone N | lumber: | (|) | | | | | Email | addres | | | | | | | | | |
| 1 | Name ar | nd addre | ess of \ | Water | Use Co | orresp | onden | t: <u>TR</u> | IANGL | EHG | RAIN | & CAT | TLE C | 0 | | | | | |
| - | | PLYME | | | | | | 6 | | | | | | | | | | | |
| | | lumber: | | | | | | | Email | addres | ss: | | | | | | | | |
| | | sently au | | | | | | | | | | | | | | | | | |
| (| Owner o | f Land - | | | | | | | | | | | | | | | | | |
| | | | | ESS: | | | | | | | , | | | | | | | | |
| (| If there is | s more th | an one | landow | ner, att | ach su | ppleme | ntal sh | eets as | neces | sary.) | | | | | | | | |
| | | | | NE | | | | | V1/4 | | | | 11/4 | | | | =1/4 | - | TOTAL ACRES |
| Sec. | Twp. | Range | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | 7101120 |
| | | | | | | | | | | | | | | | - | | | | |
| | | | | | | | | | | | | | | | | | | | - |
| | | | | | | | | | <u> </u> | | | L | | | | | | | |
| | | oplication of Land - | NA | | | | | | | | | | | | | | | | |
| (| (If there is | s more th | | | | | | | | | sary.) | | | | | | | | |
| | | | | NE | =1/4 | | | NV | N¹/4 | | | SV | V1/4 | | | SE | Ξ1/4 | | TOTAL |
| Sec | . Twp. | Range | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | ACRES |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | the second | Augustus (m. s. m.) | | leanning of the second | | | | | | | | | | | | |
| | For Offi | ice Use | Only: | Code | | Fe | e \$_\(\) | 90.0 | 0 TR | # | | Re | ceipt | Date _ | 10-a: | 2-21 | Chec | :k#_ <u>^</u> | naster |

File No. <u>7582</u>

| 5. | Presently autho | rized point of | diversion: | | | | |
|-----|-----------------------|--------------------|------------------------------|---------------|--|---|----------------|
| | One in the | SE | Quarter of the | SW | Quarter of the | SW | Quarter |
| | | | | | South, Range | | |
| | | | | | 4392 feet West of | | |
| | Authorized Rate | | Authorized Quantity | | Depth of well | (fee | t) |
| | | | | | feet North | | |
| | | | | | ☐ No change, point better | | |
| | | | - | | ed or if existing point is | | |
| | | | | | Quarter of the | | |
| | | | | | South, Range | | |
| | | | | | 4291 feet West of | | |
| | | | - | | Proposed well depth | | |
| | | | | | | | |
| L | This point is. | Additional vveil | Geo Center List of | mer water ng | that will use this point | · | |
| г | | | | | | | |
| 6. | Presently autho | | | | | | |
| | One in the | NE | Quarter of the | NE | Quarter of the | SW | Quarter |
| 1 | of Section | 10 | , Township | 26 | South, Range | 33 | W, |
| | in Finney | Cou | nty, Kansas, <u>2590</u> | _feet North | 3154 feet West of Depth of well | Southeast corne | r of section. |
| | Authorized Rate | | Authorized Quantity _ | | Depth of well | (fee | t) |
| | (DWR use only: | Computer ID | No. 9 GPS | S | feet North | feet We | st) |
| | | | | | No change, point better d | | |
| | | | | | ed or if existing point is | | |
| | | | | | Quarter of the | | |
| | | | | | South, Range | | |
| | | | | | | | |
| | | | | | feet West of | | |
| | | | | | Proposed well depth | | |
| L | Inis point is: | Additional Well | Geo Center List of | ner water rig | hts that will use this point | | * |
| 7. | The changes her | ain are desired | for the following recessor | | | | |
| 1. | | | for the following reasons | S (| 81 | | |
| | (picase be specific | ·) | | 30 | 00 200 100 North | 100 200 | 300 |
| | | | | | <u> </u> | ulandandan da | ПШВ |
| | | | | | -/- | - \- | = |
| 8. | If a well, is the tes | t hole log attach | ed? Yes No | 200 | - 1 A 1 + 1 = | A + A | 200 |
| ^ | The above (a) (| | 1-1-11-0 | | | | 1 |
| 9. | The change(s) (wa | as)(will be) comp | pleted by? | | | | /3 |
| | | | | 100 | / + + = | 1+1+ | 100 |
| 4.0 | | | | | | | 4 |
| 10. | If the point of dive | rsion is a well: | | | Ē., | | . 1 |
| | (a) What are you | going to do with | the old well? | West 0 | | ntumantunlur | 0 East |
| | | | | 1 | F = | | 4 |
| | | | | 100 | \pm $+$ $+$ $+$ \pm | 1 + 1 + | 100 |
| | (b) When will this | be done? | | 100 | [\' | . , . , | |
| | | | | | =\ = | - | /= |
| 11. | Groundwater Man | agement District | recommendation attached | d? 200 | -141- | +++ | 200 |
| | | /es No | | | | /_ | = |
| | | | | | Ē.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | E.L. |
| 12. | Assisted by HH G | CFO | | 30 | | 100 200 | 300 |
| 132 | If the proposed no | int of diversion w | ill be relocated more than | 300 | South | Scale: 1 hashma | |
| 100 | feet but within 2 6 | 40 feet of the exi | sting point of diversion att | ach 13h If th | e proposed point of diversi | on will be relocate | ed within a 30 |

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

3b.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 fro | m the existing point of diversion, complete the following: |
|---|---|
| (a) Does the undersigned represent all owners of the currently author☐ Yes☐ No(If no, all owners must sign this application) | |
| (b) Will the ownership interest of any owner of the currently author affected if this application is approved as requested? ☐ Yes ☐ No (If yes, all owners must sign this applied) | |
| (c) If this application is not approved expeditiously, will there be subsided in the subsided | |
| If the application proposes a surface water change in point of diversion, a or a change in place of use, the application must be signed by all owners agent (attach notarized statement authorizing representation). | |
| I hereby verify, being first duly sworn upon my oath or affirmage and the owner, the spouse of the owner, or a duly authori their behalf, in regards to the water right(s) to which this appropriate in this application are true, correct and complete. | zed agent of the owner(s) to make this application on olication pertains. I further verify that the statements |
| | 21 St day of October, 2021. |
| Cedric K. Hands, Transtee (Owner) Cedric K. Hands (Please Print) | (Spouse) |
| (Please Print) | (Please Print) |
| (Owner) | (Spouse) |
| (Please Print) | (Please Print) |
| (Owner) | (Spouse) |
| (Please Print) | (Please Print) |
| State of Kansas County of Forey SS | n de m |
| I hereby certify that the foregoing application was signed in roof 20 31 | |
| My Commission Expires | Jaklin & Maria |
| | |
| ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all accurate information; maps, if necessary, must be included; signatures of all the apthe appropriate fee must be paid. | |
| Each application to change the place of use or the point of diversion under forth in the schedule below: Make checks payable to: Kansas Departmet (1) Application to change a point of diversion 300 feet or less (2) Application to change a point of diversion more than 300 feet (3) Application to change the place of use | ent of Agriculture \$100 \$200 |
| | |

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

| pro Wit | visions of the Kansas Water Appropriation Law, K.S.A. 82a-7 | 8b, as amended, and K.A.R. 5-5-1, et seq. and other applicable 701 et. seq., and rules and regulations promulgated thereunder, this Summary Order does not change the terms, conditions and |
|-------------|---|--|
| 1. | A change application was received on October 21 diversion authorized under the above-referenced file number | requesting that the place of use and / or point of er be changed as described in the application. |
| 2. | On and after the effective date of this summary order, the auth the topographic map accompanying the application to chan | norized place(s) of use shall be located substantially as shown on age the place of use. Applicable Not Applicable |
| 3. | The change in point of diversion shall not impair existing right previously authorized. The point of diversion authorized by radius of the authorized point(s) of diversion. Papplicable | s and shall be limited to the same source or sources of water as this summary order shall be located within a foot e Not Applicable |
| 4. | The point(s) of diversion described herein is administrativel Positioning System (GPS), as described in the application. | y corrected to be more accurately described using the Global Applicable I Not Applicable |
| 5. | The point(s) of diversion authorized herein shall not actually be authorized point(s) of diversion. Applicable \(\subseteq \) No | e located more than feet from the previously t Applicable |
| 6. | | ell with a diversion rate of 100 gallons per minute or more, a tube ats shall be installed, operated and maintained in accordance with |
| 7. | December 31, 20 or before the first use of water, operated and maintained in accordance with K.A.R. 5-1-4 the | perly install an acceptable water flow meter on or before whichever occurs first. The water flow meter shall be installed, nrough 5-1-12. As required by K.S.A. 82a-732, as amended, and the reading of the water flow meter and the total quantity of water g the end of each calendar year. |
| 8. | Installation of the works for diversion of water shall be a authorized extension of time. By March 1, 20 1 the a works for diversion has been completed, on the form provided Applicable Not Applicable | completed on or before December 31, 20, or within any applicant shall notify the Chief Engineer that construction of the ded by the Chief Engineer, as required by K.A.R. 5-8-4e. |
| 9. | The completed well log shall be submitted with the requir | red notice. |
| 10. | with an in-line, automatic, quick-closing check valve capab | preign substance will be injected into the water shall be equipped le of preventing pollution of the source of the water supply. The accordance with K.A.R. 5-3-5c. Applicable \(\square\$\text{ Not Applicable} \) |
| 11. | Additional Conditions are attached. Yes | |
| 12. | water appropriated under the above-referenced file number limitations, as amended and/or supplemented by this Sumi Appropriation Law and the Rules and Regulations promule. | R. 5-5-14, all of the owners of the authorized place(s) of use of er are responsible for compliance with its terms, conditions and mary Order, and with applicable provisions of the <i>Kansas Water</i> gated thereunder. Failure to comply with these provisions may ended, and/or the suspension or revocation and dismissal of the ns authorized by law. |
| | Administrative Appeal and Effective Date of Order | FOR OFFICE USE ONLY |
| If vo | ou are aggrieved by this order, pursuant to K.S.A. 82a-1901, | APPLICATION APPROVED AND |
| you | may request an evidentiary hearing before the Chief gineer or request administrative review by the Secretary of | SUMMARY ORDER ISSUED |
| Agr | iculture. A request for hearing by the Chief Engineer must be | By: Muhl A.Ma |
| adn | d within 15 days of service of this Order and a request for ninistrative review by the Secretary must be filed within 30 | Duly Authorized Designee of the Offief Engineer |
| day revi | s pursuant to K.S.A. 77-531. Any request for administrative lew must state a basis for review pursuant to K.S.A. 77-527. | (Print Name): /// / / / / / / / / / / / / / / / / / |
| File | any request with Kansas Department of Agriculture, gal Division, 1320 Research Park Drive, Manhattan, KS | Date of Issuance: October 25, 204) |
| 665 | 02. Failure to timely request a hearing or review may | State of Kansas) |
| pre | clude review under the Kansas Judicial Review Act. For Use by Register of Deeds | County of Jinney) SS |
| | | Acknowledged before me on Craber 25, 202 |
| | | by Michael A. Meyer. |
| | | |
| | | Signature: Notary Public |
| | | My commission expires JULIE JONES JULIE |
| | | (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) |

SFH TRUST

SW10-26S-33W FINNEY CO.

WELL ELEV=2894

TEST HOLE #1 ELEV=2895

Google Earth

© 2021 Google

N

Legend

100 ft





SFH TRUST 89

COMPANY

: DOWNEY DRILLING INC

WELL

: SFH TRUST 8

LOCATION/FIELD :

COUNTY

: FINNEY

LOCATION

: SW

SECTION

: 10

TOWNSHIP

: 268

OTHER SERVICES:

RANGE: 33W

KB : DF

GL

DATE

: 09/14/21

DEPTH DRILLER : 648

: 648.80

LOG BOTTOM LOG TOP : 0.90

LOG MEASURED FROM: GL

PERMANENT DATUM : GL

DRL MEASURED FROM: GL

LOGGING UNIT

FIELD OFFICE

: 1903 : DDI

: MUD

RECORDED BY

: DIEGO

CASING TYPE

BIT SIZE : 6.25

MAGNETIC DECL. : 0

CASING DIAMETER: 10.

CASING THICKNESS:

MATRIX DENSITY : 2.71

NEUTRON MATRIX : LIMESTON

BOREHOLE FLUID

RM TEMPERATURE :

MATRIX DELTA T : 49

RM

FILE : ORIGINAL

TYPE : 8144A

LGDATE: 09/14/21 LGTIME: 17:43:

THRESH: 99999

N 37.79498 W -100.92225

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

Downey Drilling Inc.

CUSTOMER NAME: SFH TRUST 89 TH#1

LEGAL: SW 10-26S-33W

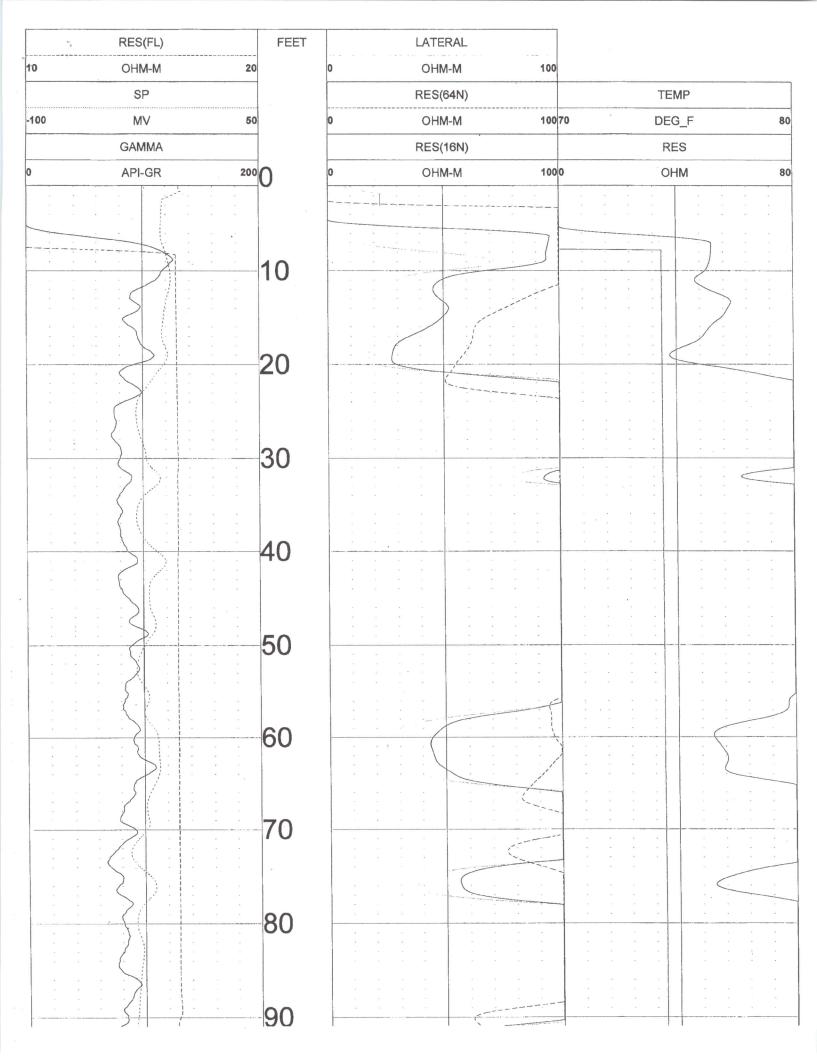
COUNTY: FINNEY CO, KS

GPS: 37.79498

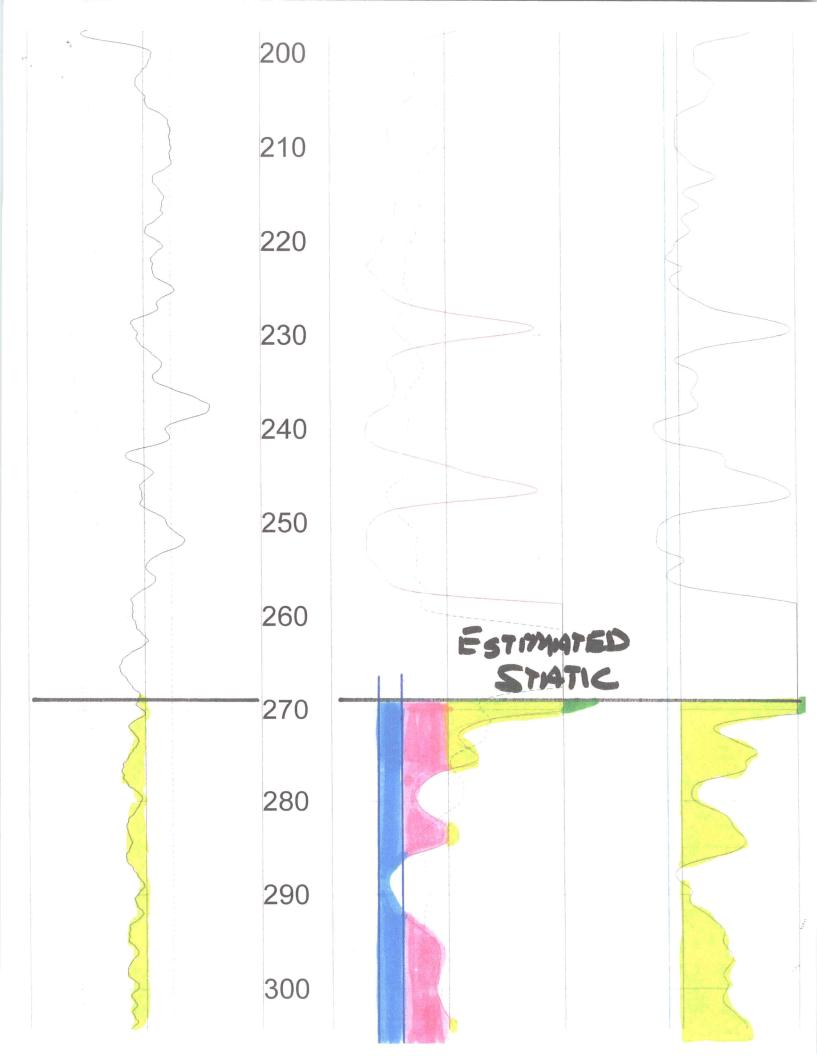
-100.922259

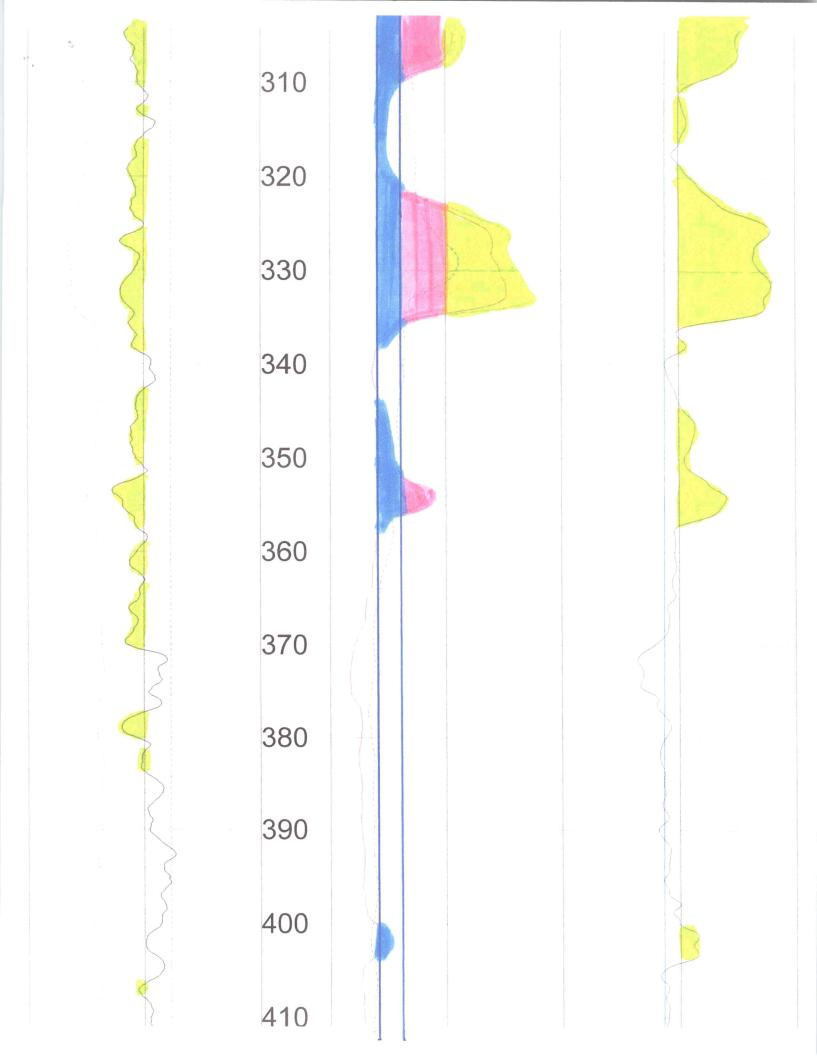
| _ | | | LOGGER: | DRILLER: | ROCKY | | | WO: | 21-352 |
|----|------|-----|--|--|----------|-----------------|---------------|-----------|----------------------------|
| W | FROM | то | TYPE | | HARDNESS | COLOR | SPEED | PULL DOWN | OTHER / DRILLING ACTION |
| | 0 | 5 | TOPSOIL | | SOFT | DARK BROWN | FAST | | SMOOTH |
| | 5 | 10 | GRAY CLAY | | | GRAY | FAST | | SMOOTH |
| | 10 | 29 | BROWN CLAY | | | BROWN | FAST | | SMOOTH |
| | 29 | 43 | FINE-MED-COARSE SAND W/ FINE-MED GRAVEL | | STIFF | | FAST | | CHATTER |
| | 43 | 50 | BROWN CLAY | | SOFT | BROWN | FAST | | SMOOTH |
| | 50 | 74 | FINE-MED-COARSE SAND W/ FINE GRAVEL & SANDY CLAY LAYER | RS | STIFF | | FAST | | FAST CHATTER |
| | 74 | 76 | CEMENTED SAND | | HARD | WHITE | SEMI- SLOW | | CHATTER |
| | 76 | 94 | FINE-MED-COARSE SAND W/ FINE GRAVEL | | STIFF | | FAST | | CHATTER |
| | 94 | 100 | SANDY CLAY W/ FINE SAND | | FIRM | BROWN | FAST | | SMOOTH & VIBRATION |
| | 100 | 119 | FINE-MED-COARSE SAND W/ FINE GRAVEL | | STIFF | | FAST | | CHATTER |
| | 119 | 132 | SANDY CLAY W/ FINE SAND | | SOFT | BROWN | FAST | | SMOOTH & VIBRATION |
| | 132 | 174 | FINE-MED-COARSE SAND W/ FINE-MED GRAVEL | | STIFF | | FAST | | CHATTER |
| | 174 | 203 | FINE-MED-COARSE SAND | | FIRM | | FAST | | FAST CHATTER |
| | 203 | 231 | SANDY CLAY W/ FINE SAND | | SOFT | BROWN | FAST | | SMOOTH & VIBRATION |
| | 231 | 241 | BLUE CLAY | | LITTLE | BLUE | FAST | | SMOOTH |
| | 241 | 250 | FINE-MED-COARSE SAND W/ FINE GRAVEL | | STIFF | | FAST | | FAST CHATTER |
| | 250 | 254 | BROWN STICKY CLAY | , | STICKY | BROWN | FAST | | SMOOTH |
| | 254 | 269 | FINE-MED-COARSE SAND W. FINE GRAVEL | EVZ | STIFF | | FAST | | FAST CHATTER |
| | 269 | 271 | CEMENTED SAND | - | HARD | | SLOW | | CHATTER |
| | 271 | 295 | MED-COARSE SAND W/ FINE GRAVEL, TR. SANDY CLAY LENSE | 14 | STIFF | TAN | FAST | Tr A | FAST CHATTER |
| 1 | 295 | 310 | FINE-MED-COARSE SAND W/ FINE GRAVEL | 15 | STIFF | | FAST | | FAST CHATTER |
| | 310 | 321 | SANDY CLAY W/ FINE SAND | 5 | SOFT | TAN | FAST | | SMOOTH & VIBRATION |
| 15 | 321 | 344 | FINE-MED-COARSE SAND W/ FINE GRAVEL | 23 | STIFF | | FAST | | FAST CHATTER |
| | 344 | 350 | SANDY CLAY W/ FINE SAND | 3 | SOFT | TAN | FAST | | SMOOTH & VIBRATION |
| | 350 | 354 | CEMENTED SAND | 4 | HARD | | SEMI- SLOW | | CHATTER |
| 1 | 354 | 362 | SANDY CLAY W/ FINE SAND | 4 | SOFT | | FAST | | SMOOTH & VIBRATION |
| | 362 | 368 | CEMENTED SAND | 6 | HARD | | SEMI- SLOW | 698 | CHATTER |
| | 368 | 400 | SANDY CLAY W/ STICKY CLAY & LIMESTONE | | STICKY | YELLOW | FAST | | SMOOTH |
| | 400 | 420 | SANDY CLAY W/ FINE-MED SAND LAYERS | 12 | STICKY | TAN | FAST | | SMOOTH & CHOP |
| 0 | 420 | 438 | FINE-MED SAND | 18 | FIRM | | FAST | | FAST CHATTER |
| | 438 | 450 | SANDY CLAY W/ STICKY CLAY & LIMESTONE | | LITTLE | BROWN & WHITE | FAST | | SMOOTH & CHOP |
| | 450 | 459 | FINE-MED SAND | 9 | FIRM | | FAST | 2 2 7 | FAST CHATTER |
| | 459 | 480 | SANDY CLAY W/ FINE SAND | | LITTLE | BROWN | FAST | | SMOOTH & VIBRATION |
| X | 480 | 512 | FINE-MED SAND W/ BROWN ROCK | 32 | STIFF | | FAST | | FAST CHATTER |
| - | 512 | 527 | SOAPSTONE W/ SHALE | The same of the sa | FIRM | GRAY | FAST | | VIBRATION & SMOOTH |
| _ | 527 | 535 | SANDSTONE W/ FINE SAND & IRON PYRITE | -83 | | GRAY & WHITE | FAST | | FAST CHATTER |

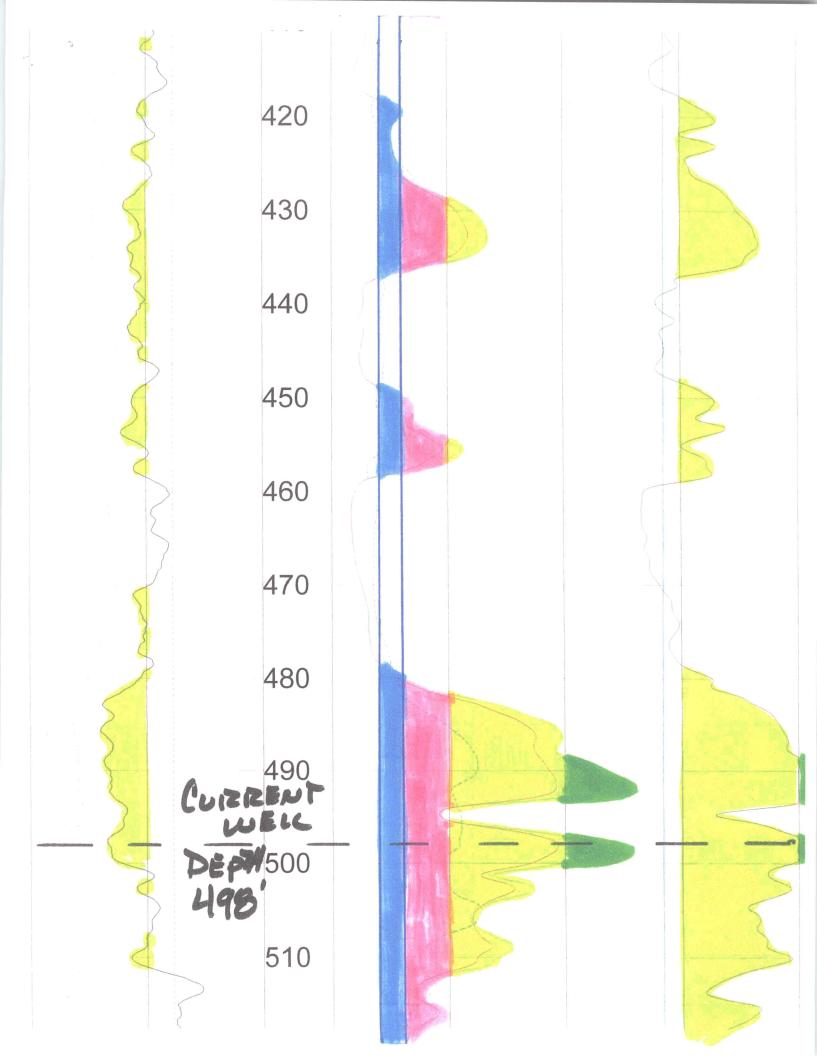
| TW | FROM | то | TYPE | HARDNESS | COLOR | SPEED | PULL DOWN | OTHER / DRILLING |
|---|------|-----------------------|---|----------|----------|--------|--------------|-----------------------|
| A PROPERTY OF THE PARTY OF THE | | | BIG DRINK, WEAK CIRCULATION MIXED 2 BRAN & 2 QUIKGEL 100% | THATCHES | 002011 | 0, 220 | 1 022 301111 | ACTION |
| , | | description (metal to | CIRCULATION BACK @ 535' | | | | | W TANK TO SHOW THE |
| - 6 | 535 | 557 | SANDSTONE W/ FINE SAND & SANDSTONE LAYERS 24 | HARD | GRAY | SLOW | X | CHATTER |
| | 557 | 570 | SHALE SOAPSTONE W/ FINE SAND & SHALE LAYERS | SOFT | GRAY | SLOW | | SMOOTH VIBRATION & |
| | 570 | 605 | SOAPSTONE W/ FINE SAND & SHALE LAYERS /// | FIRM | GRAY | FAST | | SMOOTH |
| | 605 | 611 | SANDSTONE W/ FINE SAND | STIFF | GRAY | FAST | | FAST CHATTER |
| | 611 | 625 | SHALE | SOFT | GRAY | SLOW | | SMOOTH |
| | 625 | 639 | SANDSTONE W/ FINE SAND, TR. SHALE STRINGERS | STIFF | GRAY | FAST | 7.0 | FAST CHATTER |
| | 639 | 648 | SHALE (COULDN'T CUT ANYMORE), IRON PYRITE | HARD | BLUE | SLOW | 1000PSI | CHATTER |
| | | | | | | | | |
| | | | QUIKGEL - 12 | \ | | | | |
| | | | WATER LOADS - 3 | | | | | |
| | | | SODA ASH - 3/4 | | | | | |
| | | | BRAN-2 | | | | | |
| | | | EZ MUD - 1/4 | | | | | |
| | | | HOLE PLUG - 2 | | | | | |
| | | | CASING SEAL - 1 | | | | | |
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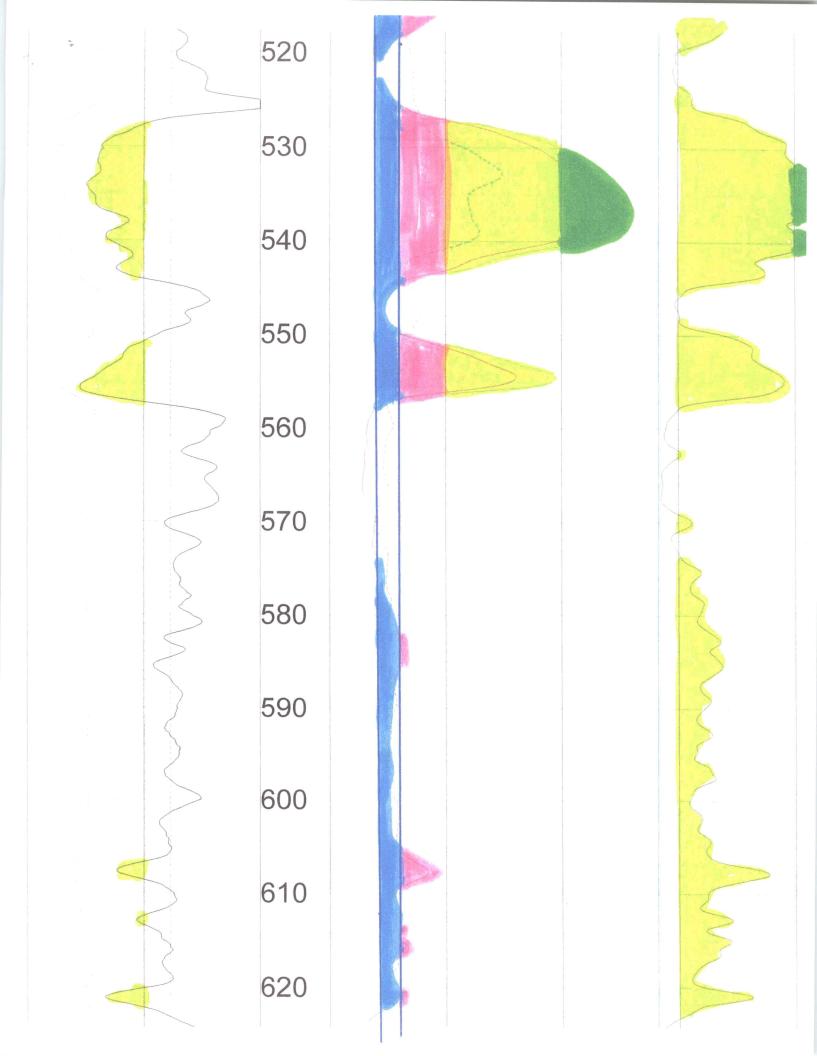


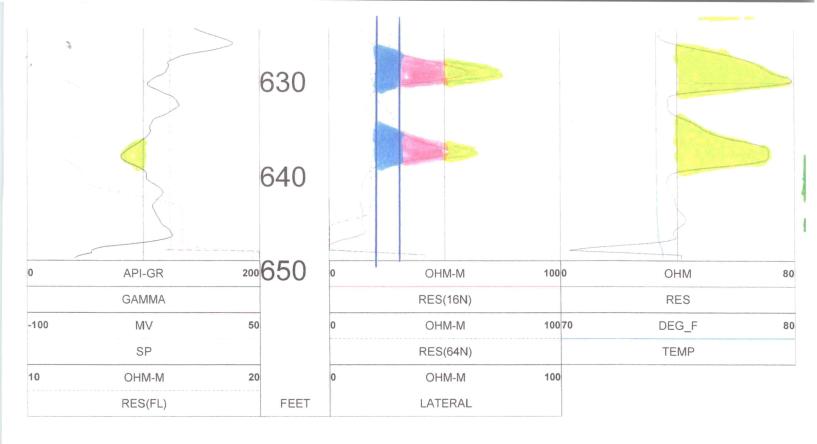
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TOOL CALIBRATION SFH TRUST 89 09/14/21 17:43 TOOL 8144A TM VERSION 1 SERIAL NUMBER 365

| - 1 | | OLIVIAL NOW | IDEIX 000 | | | | | |
|-----|---|-------------|-----------|----------|----------|-----------|------------|-------|
| | | DATE | TIME | SENSOR | ST | ANDARD | RES | PONSE |
| | 1 | Sep09,20 | 09:08:33 | GAMMA | 1.000 | [API-GR] | 0.000 | [CPS] |
| | | Sep09,20 | 09:08:33 | GAMMA | 340.000 | [API-GR] | 292.000 | [CPS] |
| | 2 | Sep09,20 | 09:32:04 | RES(FL) | 1.331 | [OHM-M] | 7595.000 | [CPS] |
| | | Sep09,20 | 09:32:04 | RES(FL) | 42.720 | [OHM-M] | 64820.000 | [CPS] |
| | 3 | Sep10,20 | 08:27:30 | SP | 0.000 | [MV] | 327793.313 | [CPS] |
| | | Sep10,20 | 08:27:30 | SP | 390.000 | [MV] | 155565.500 | [CPS] |
| | 4 | Sep10,20 | 08:28:21 | RES(16N) | 0.000 | [OHM-M] | 3456.300 | [CPS] |
| | | Sep10,20 | 08:28:21 | RES(16N) | 1956.000 | [OHM-M] | 448149.094 | [CPS] |
| | 5 | Sep10,20 | 08:29:13 | RES(64N) | 0.000 | [OHM-M] | 3150.900 | [CPS] |
| | | Sep10,20 | 08:29:13 | RES(64N) | 1991.800 | OHM-M | 447597.813 | [CPS] |
| | 6 | Sep09,20 | 09:30:45 | TEMP | 33.400 | [DEG_F_] | 66910.000 | [CPS] |
| | | Sep09,20 | 09:30:45 | TEMP | 105.800 | [DEG_F] | 269401.000 | [CPS] |
| | 7 | Sep10,20 | 08:29:42 | RES | 0.000 | [OHM] | 21274.301 | [CPS] |
| | | Sep10,20 | 08:29:42 | RES | 945.000 | [ОНМ] | 190164.500 | [CPS] |
| | | | | | | | | |