

File No. **30542** 11. County: **HS** Basin: **CIMARRON 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 19702

ENT SW SW NE 11 30S 33W 2679 2321 860 513 860 513 NONE

CHK 62240 SE SE NE 11 30S 33W 3 2707 51 1460 600 1460 600 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 2301																			8a	Y	NONE
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CHK 52320																			8a	Y	NONE
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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

February 13, 2023

REX A BROWN
PO BOX 250
SUBLETTE, KS 67877-9753

RE: Filed Office Application for Change
Water Right, File No. 30542

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,

A handwritten signature in blue ink that reads "Austin J. McColloch".

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc:

CERTIFICATE OF SERVICE

On this 13th day of February, 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 30,542 dated 13th day of February, 2023 was mailed postage prepaid, first class, US mail to the following:

REX A BROWN
PO BOX 250
SUBLETTE, KS 67877-9753

Pc:



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. 30542

RECEIVED
 4:15 pm
 FEB 08 2023

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

Place of Use Point of Diversion

Garden City Field Office
 Division of Water Resources

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: CATTLE EMPIRE ROY BROWN Rex Brown

2425 RD DD SATANTA KS 67870 PO Box 250 Sublette KS 67877

Phone Number: () Email address: _____

Name and address of Water Use Correspondent: NO CHANGE

Phone Number: () Email address: _____

3. The presently authorized place of use is:

Owner of Land --- NAME: NO CHANGE

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: NO CHANGE

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 2-8-23 Check # 1007

5. **Presently authorized point of diversion:**
 One in the SW Quarter of the SW Quarter of the NE Quarter of Section 11, Township 30 South, Range 33 W, in HS _____ County, Kansas, 2655 feet North 2606 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 SW Quarter of the SW Quarter of the NE Quarter of Section 11, Township 30 South, Range 33 W, in HS _____ County, Kansas, 2679 feet North 2321 feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) 670
 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 SE Quarter of the SE Quarter of the NE Quarter of Section 11, Township 30 South, Range 33 W, in HS _____ County, Kansas, 2707 feet North 51 feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
 (DWR use only: Computer ID No. 03 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) _____

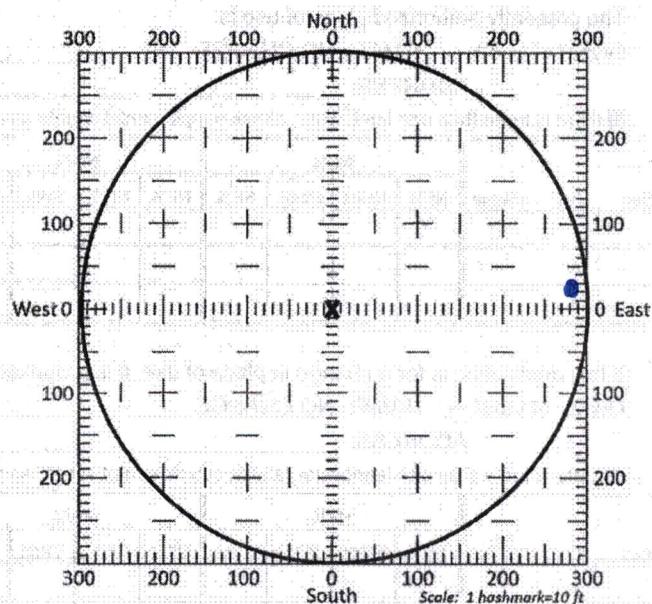
8. If a well, is the test hole log attached? Yes No

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?
Plug / Cap
 (b) When will this be done? _____

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by MM/GCFO



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 Garden City #19, Kansas, this 8 day of February, 2023.

<u>Rex Brown</u> (Owner)	
	(Spouse)
<u>Rex Brown</u> (Please Print)	
	(Please Print)
	(Owner)
	(Spouse)
	(Please Print)
	(Please Print)
	(Owner)
	(Spouse)
	(Please Print)
	(Please Print)

State of Kansas }
 County of FENNEY } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 08 day of FEBRUARY, 2023.



[Signature]
 Notary Public

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

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-5-1, *et seq.* and other applicable provisions of the *Kansas Water Appropriation Law, K.S.A. 82a-701 et seq.*, and rules and regulations promulgated thereunder, With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 30542

1. A change application was received on February 8, 2023 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. Applicable Not Applicable
3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 50 foot radius of the authorized point(s) of diversion. Applicable Not Applicable
4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. Applicable Not Applicable
5. The point(s) of diversion authorized herein shall not actually be located more than 300 feet from the previously authorized point(s) of diversion. Applicable Not Applicable
6. As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13. Applicable Not Applicable
7. The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2023, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year. Applicable Not Applicable
8. Installation of the works for diversion of water shall be completed on or before December 31, 2023, or within any authorized extension of time. By March 1, 2024 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. Applicable Not Applicable
9. The completed well log shall be submitted with the required notice. Applicable Not Applicable
10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. Applicable Not Applicable
11. Additional Conditions are attached. Yes No
12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law.

Administrative Appeal and Effective Date of Order

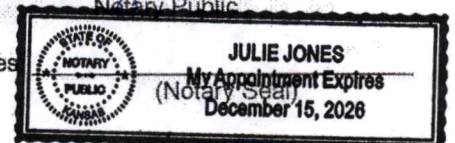
If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within **15 days** of service of this Order and a request for administrative review by the Secretary must be filed within **30 days** pursuant to K.S.A. 77-531. Any request for administrative review must state a basis for review pursuant to K.S.A. 77-527. File any request with **Kansas Department of Agriculture, Legal Division, 1320 Research Park Drive, Manhattan, KS 66502**. Failure to timely request a hearing or review may preclude review under the Kansas Judicial Review Act.

For Use by Register of Deeds

FOR OFFICE USE ONLY
APPLICATION APPROVED AND SUMMARY ORDER ISSUED

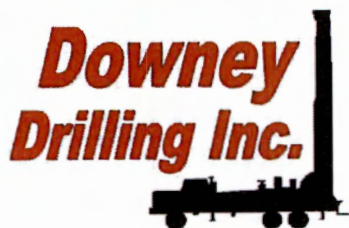
By: Austin McColloch
Duly Authorized Designee of the Chief Engineer
(Print Name): Austin McColloch
Division of Water Resources - Kansas Department of Agriculture
Date of Issuance: February 13, 2023
State of Kansas)
County of Finney) SS
Acknowledged before me on February 13, 2023
by Austin McColloch
Signature: Julie Jones
Notary Public

My commission expires



WELL LOG

DATE: 12/19/2022



CUSTOMER NAME: REX BROWN

LEGAL: NE 11-30S-33W

WR # 30542

COUNTY: HASKELL CO, KS

GPS: N 37.4531983

W -100.8972606

DRILLER: DIEGO

WO: 22-1447

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	4	TOP SOIL	SOFT		FAST		SMOOTH
	4	14	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	14	42	WHITE SANDY CLAY W/ CALICHE	SOFT	WHITE	FAST		SMOOTH & CHOPP
	42	52	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	52	59	SANDY CLAY	SOFT	TAN	FAST		SMOOTH VIBRATION & SMOOTH
	59	76	FINE SANDY W/ SANDY CLAY	SOFT		FAST		SMOOTH
	76	89	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	89	106	SANDY CLAY	SOFT		FAST		SMOOTH
	106	108	SANDY CLAY W/ CEMENTED SAND	FIRM	TAN & WHITE	SEMI SLOW		SMOOTH & CHOPP
	108	129	SANDY CLAY W/ FINE SAND	SOFT	TAN	FAST		SMOOTH & VIBRATION
	129	135	SANDY CLAY W/ CEMENTED SAND & FINE SAND	FIRM	TAN & WHITE	FAST		SMOOTH & CHOPP
	135	175	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	175	198	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST		FAST CHATTER
	198	230	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	230	235	FINE SANDY W/ SANDY CLAY	FIRM	TAN	FAST		CHOPPY & SMOOTH
	235	255	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST		FAST CHATTER
	255	265	FINE-MED-COARSE SAND	SOFT		FAST		SMOOTH
	265	302	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
	302	303	CEMENTED SAND	HARD	WHITE	SLOW	X	CHATTER
	303	321	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
X	321	383	FINE-MED-COARSE SAND	SOFT		FAST		VIBRATION
	383	403	SANDY CLAY W/ LIME ROCK	SOFT	TAN & WHITE	FAST		SMOOTH & CHOPP
	403	408	LIME ROCK	STIFF	WHITE	SEMI SLOW		CHATTER
	408	434	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
	434	439	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	439	450	BROWN ROCK W/ FINE SAND & YELLOW SOAPSTONE	STIFF	BROWN & YELLOW	FAST		CHOPPY & VIBRATION
	450	466	WEATHERED CLAY	SOFT	YELLOW & GRAY	SEMI SLOW		SMOOTH
	466	485	BLUE CLAY	SOFT	BLUE	SLOW		SMOOTH
	485	490	SANDSTONE	STIFF	BLUE GRAY	FAST		FAST CHATTER
	490	496	BLUE CLAY	SOFT	BLUE	SLOW		SMOOTH
	496	509	SOAPSTONE W/ BLUE CLAY	SOFT	BLUE	SEMI SLOW		VIBRATION & SMOOTH
	509	510	HARDSPOT	HARD		SLOW		CHATTER
	510	515	BLUE CLAY	SOFT	BLUE	SLOW		SMOOTH
	515	523	SOAPSTONE	SOFT	BLUE GRAY	FAST		VIBRATION
	523	539	BLUE CLAY W/ SANDSTONE & SOAPSTONE LEDGES	FIRM	BLUE GRAY	SEMI SLOW		SMOOTH & CHOPP

STATIC

50

5

20

Not on E-log

11

Ob. 53

5

2



Century GEOPHYSICAL CORP.

REX BROWN

COMPANY : DOWNEY DRILLING INC
WELL : RFX BROW
LOCATION/FIELD : TH#1
COUNTY : HASKELL
LOCATION : NE
SECTION : 11

OTHER SERVICES:

TOWNSHIP : 30S RANGE : 33W

DATE : 12/19/22
DEPTH DRILLER : 670
LOG BOTTOM : 669.90
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 : WILL

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

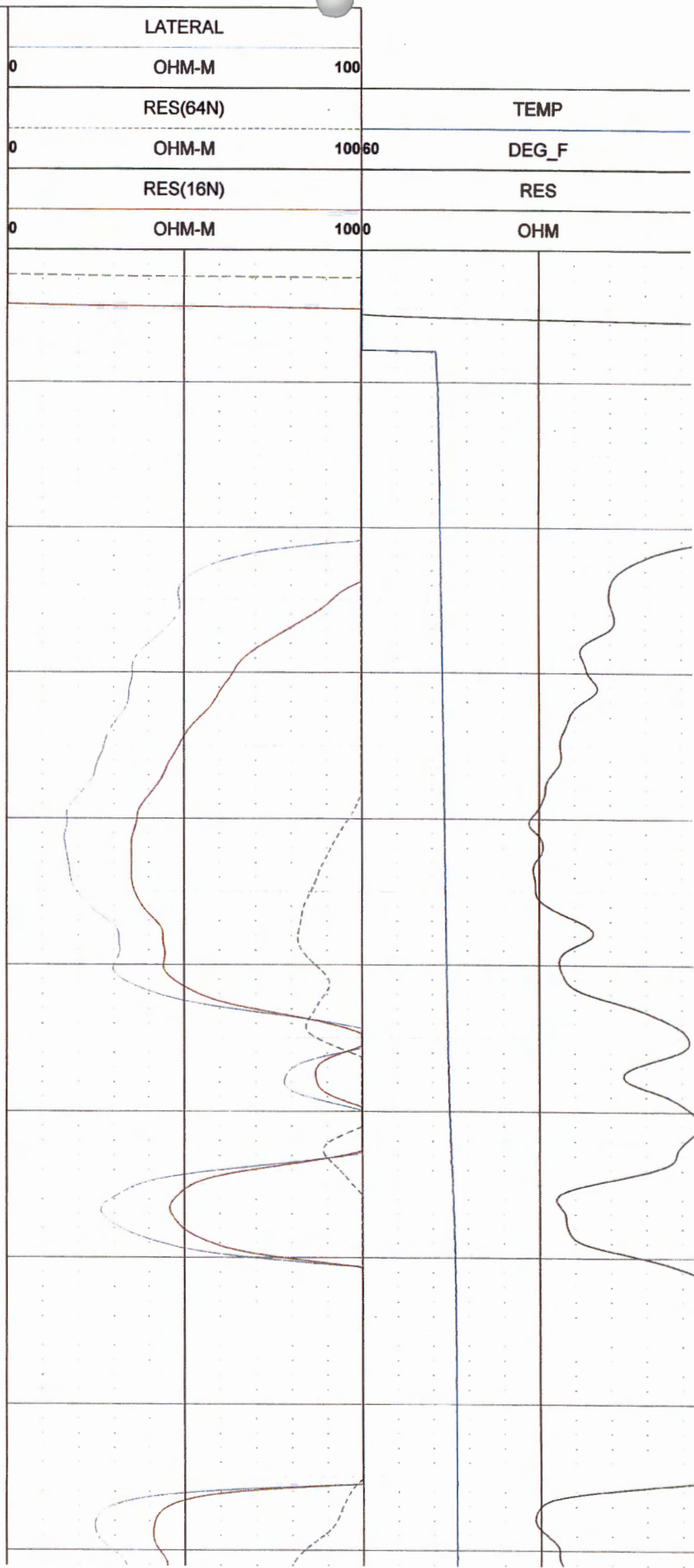
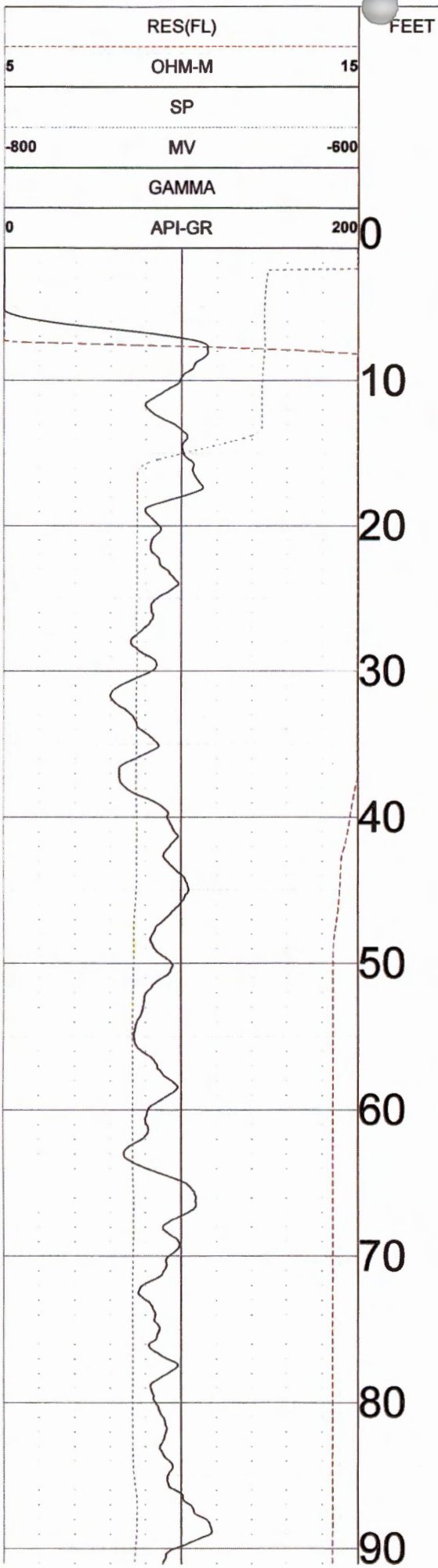
BOREHOLE FLUID : MUD
RM :
RM TEMPERATURE :
MATRIX DELTA T : 49

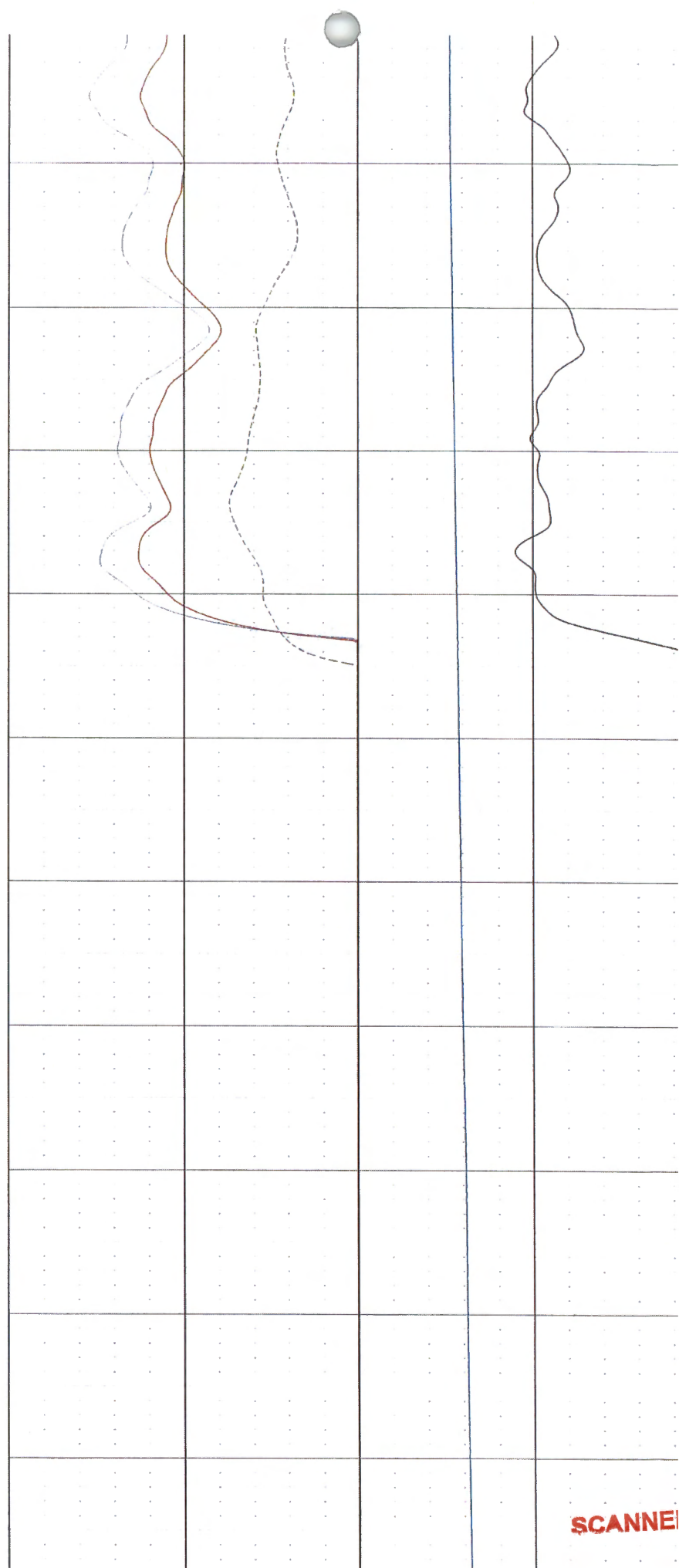
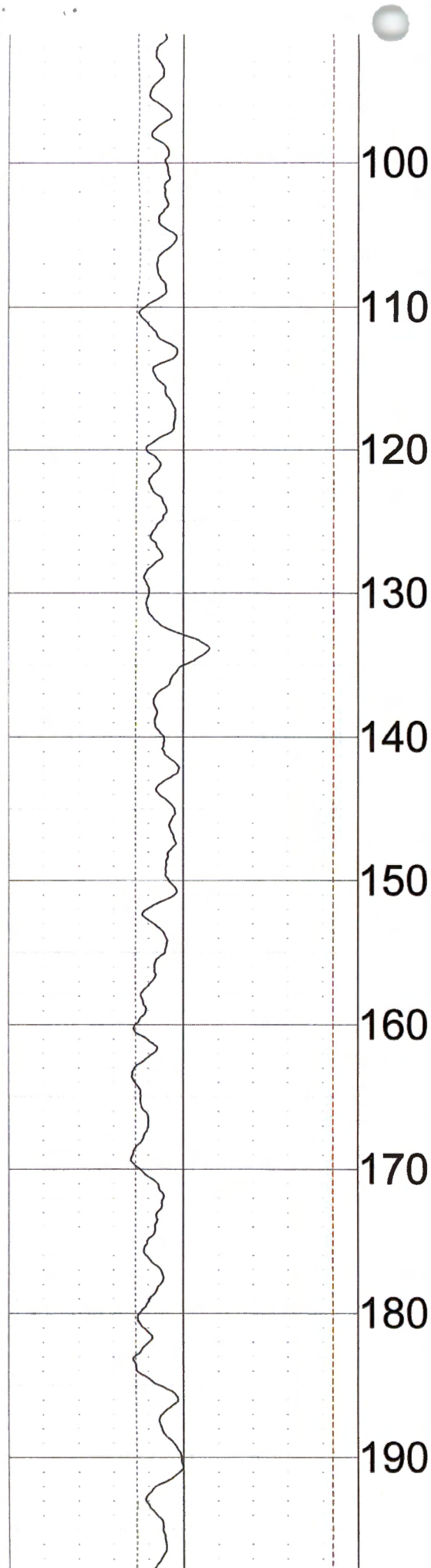
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LGTIME : 17:46:
THRESH: 99999

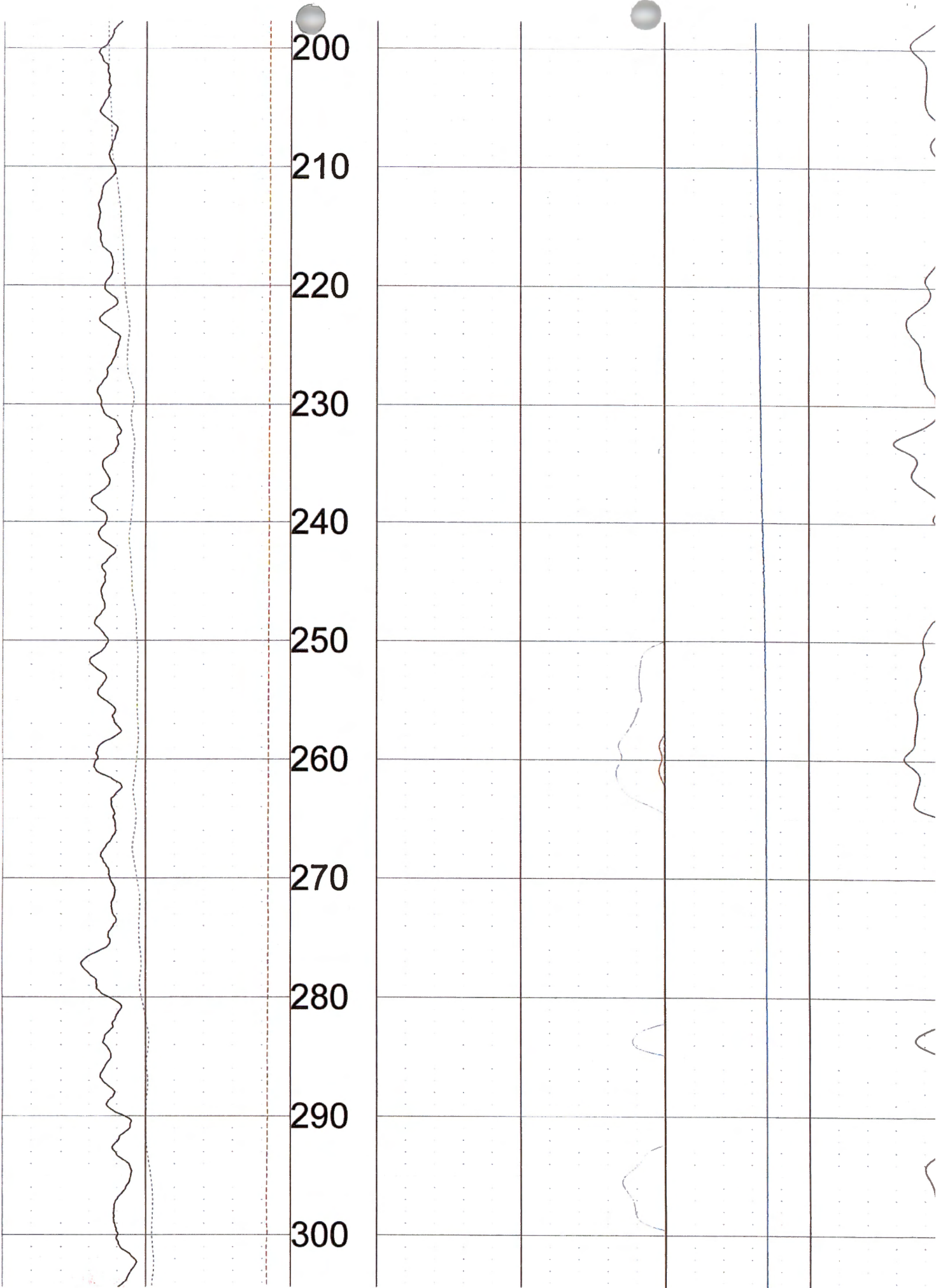
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W -100.897240

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

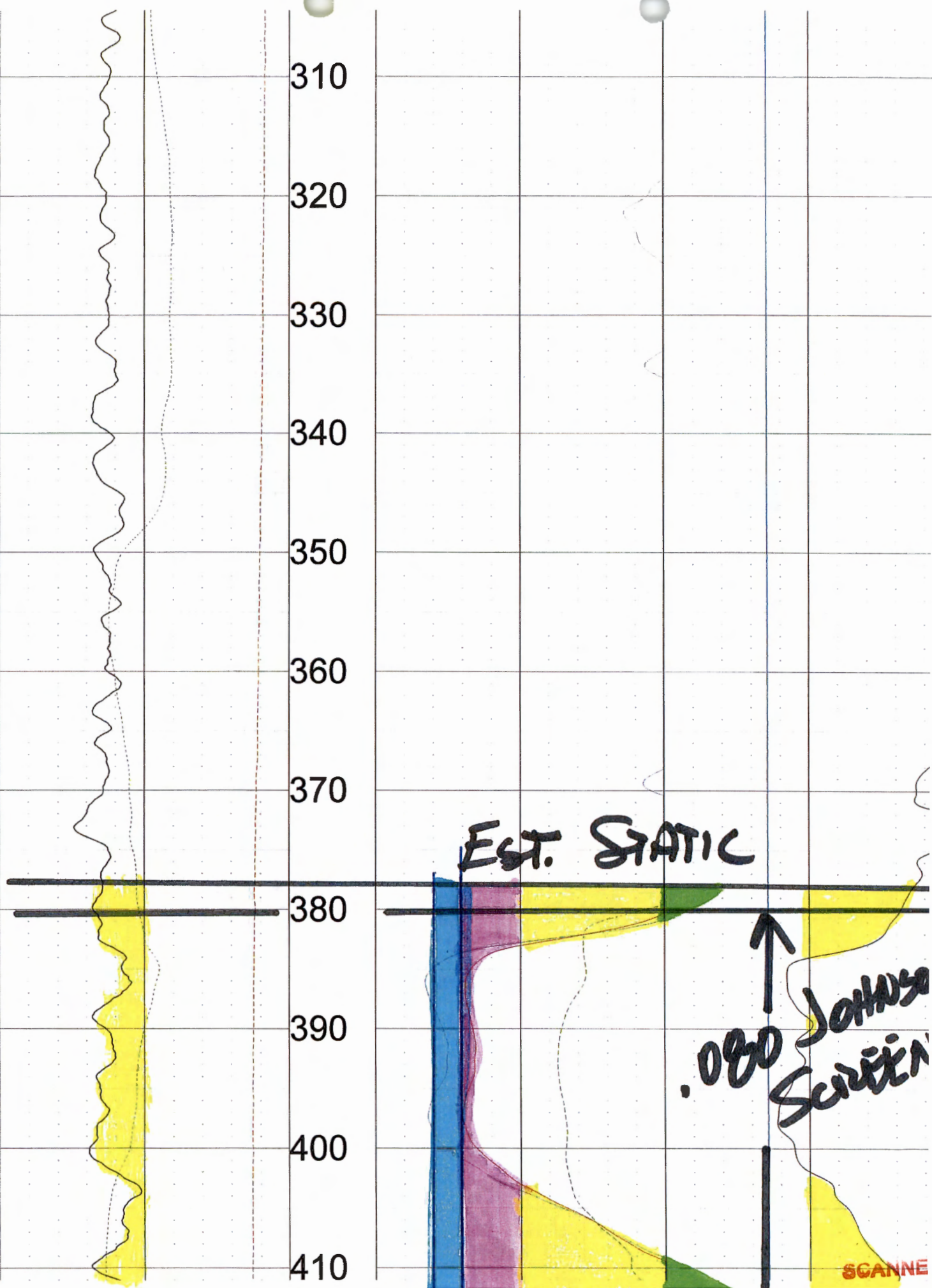
SCANNED

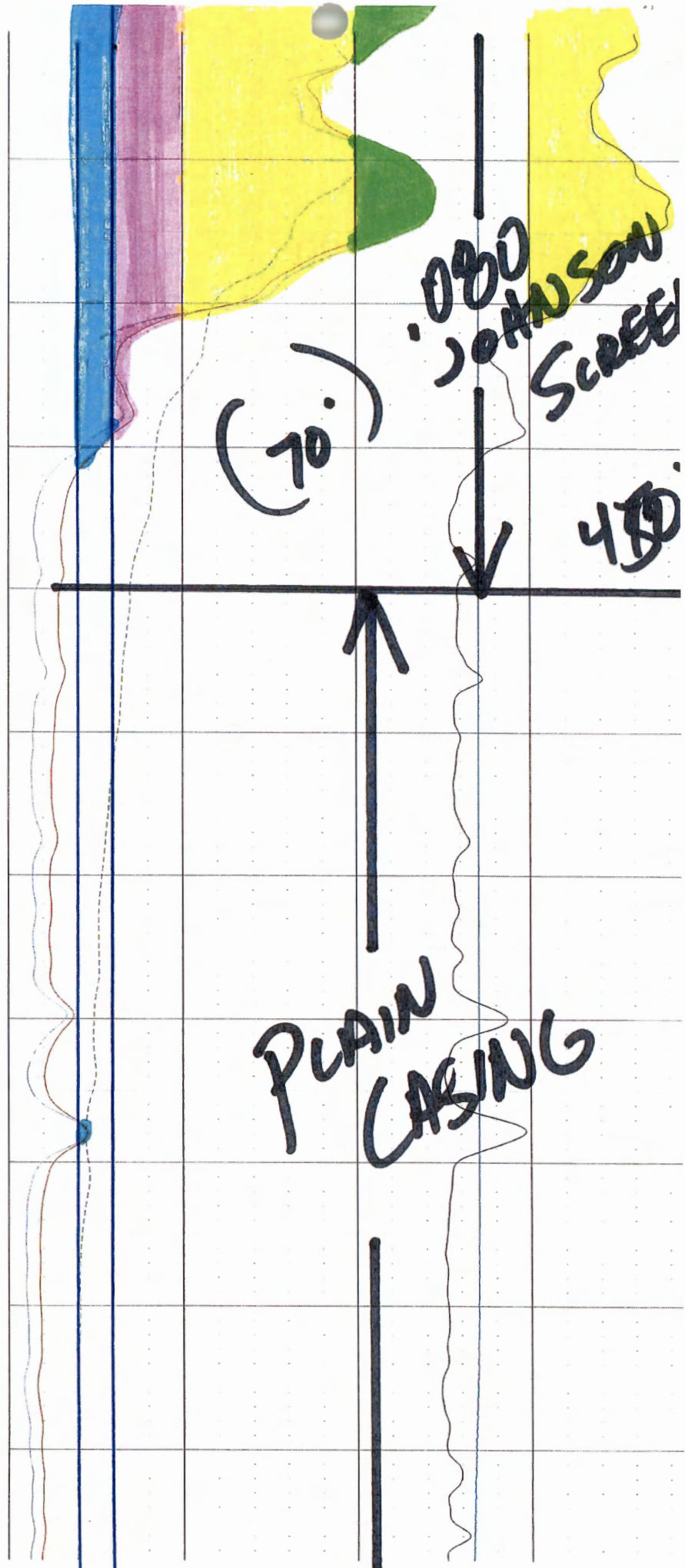
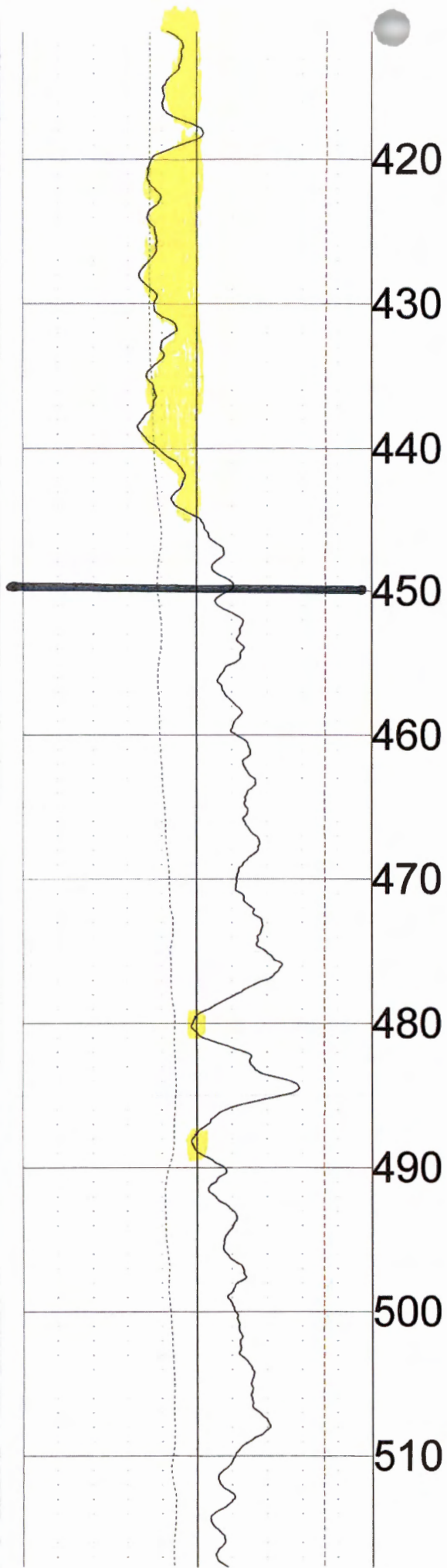


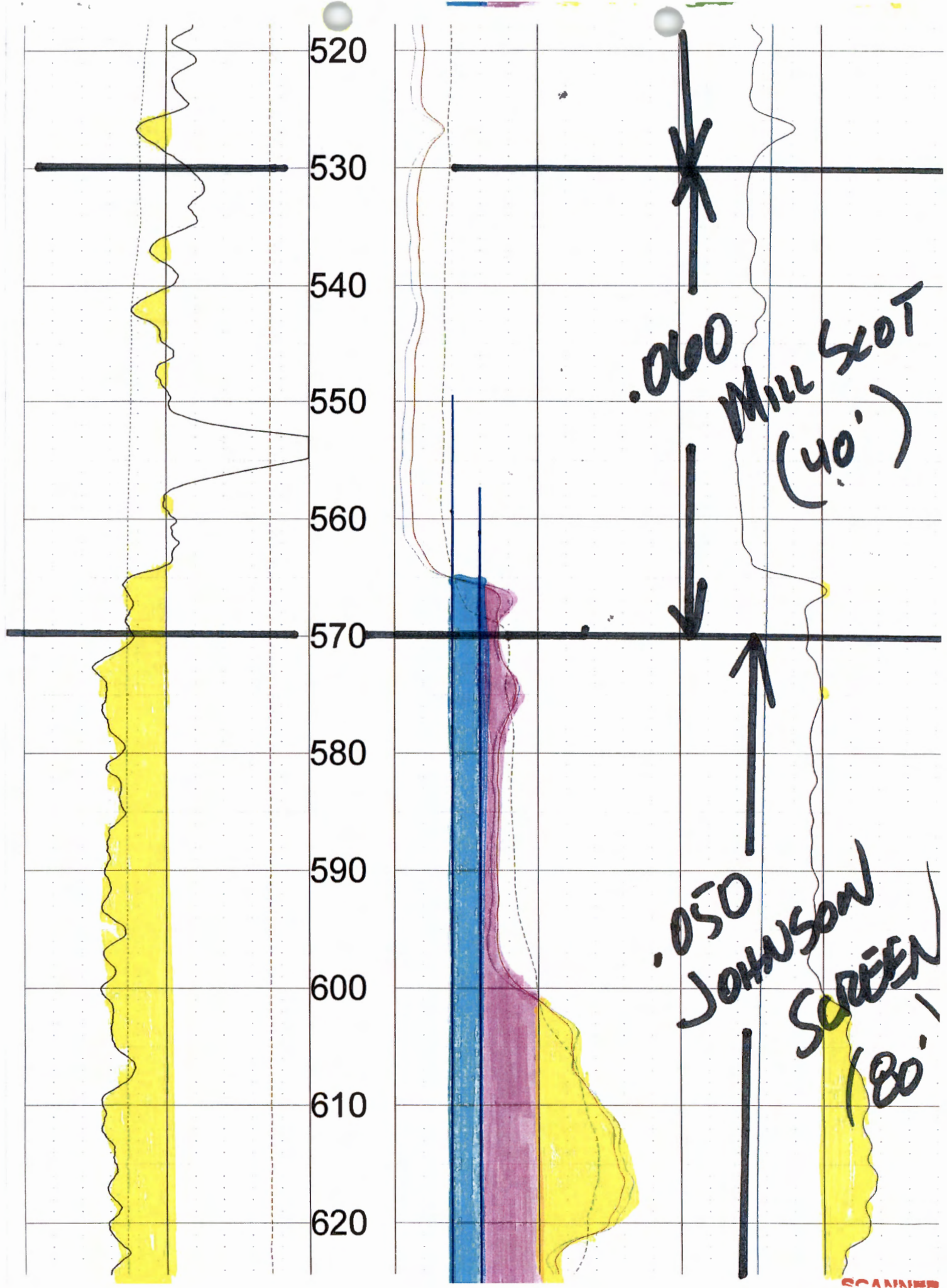


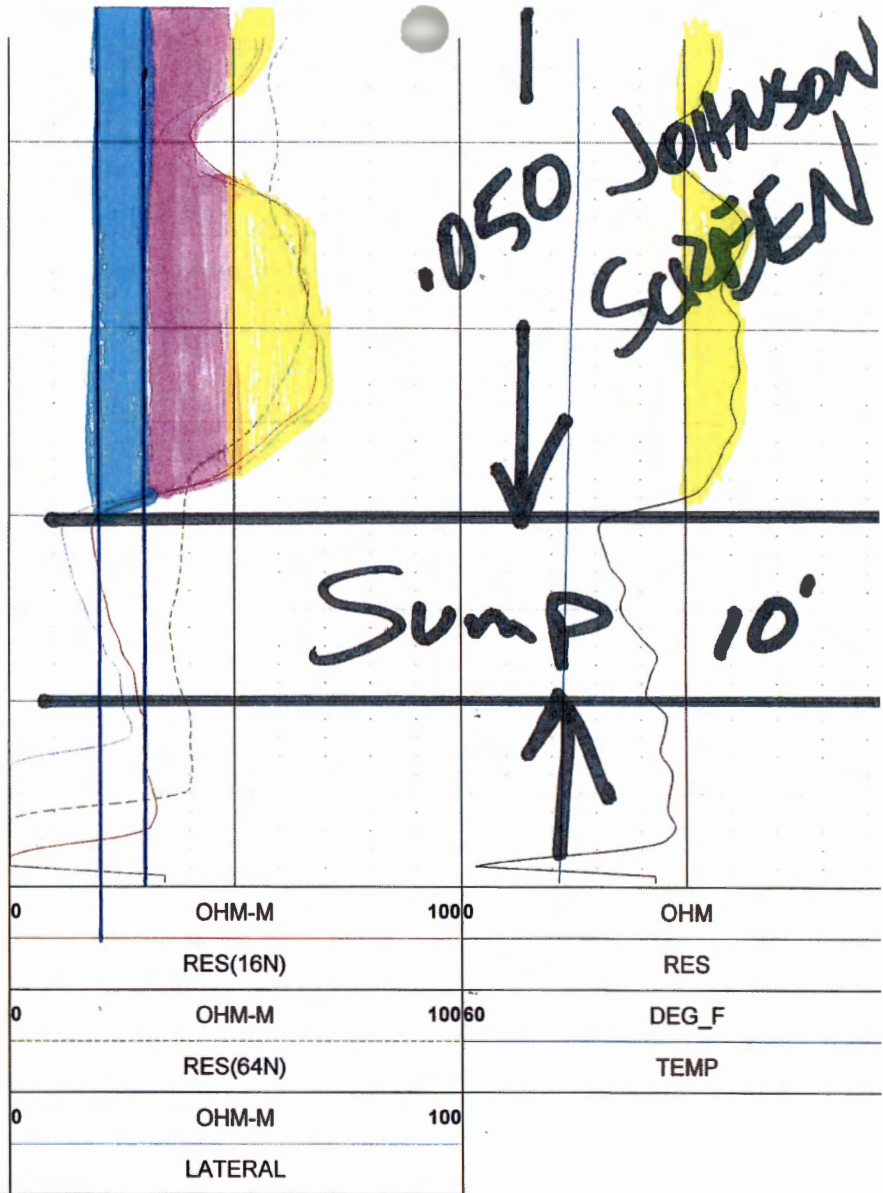
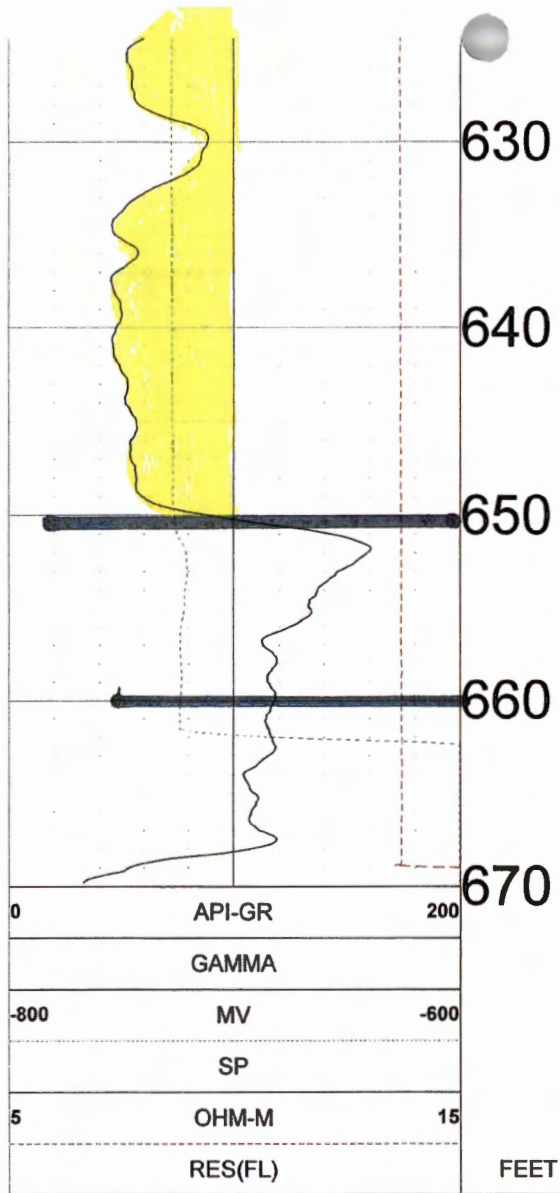


310
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410









TOOL CALIBRATION REX BROWN 12/19/22 17:46
TOOL 8144A TM VERSION 1
SERIAL NUMBER 365

	DATE	TIME	SENSOR		STANDARD		RESPONSE
1	Feb08,18	07:51:35	GAMMA	1.000	[API-GR]	4.000	[CPS]
	Feb08,18	07:51:35	GAMMA	340.000	[API-GR]	290.000	[CPS]
2	Jul12,17	13:24:17	RES(FL)	1.330	[OHM-M]	7595.000	[CPS]
	Jul12,17	13:24:17	RES(FL)	42.700	[OHM-M]	64820.000	[CPS]
3	Jan14,22	08:32:51	SP	0.000	[MV]	327768.000	[CPS]
	Jan14,22	08:32:51	SP	381.500	[MV]	164650.000	[CPS]
4	Jan14,22	08:33:01	RES(16N)	0.000	[OHM-M]	3453.000	[CPS]
	Jan14,22	08:33:01	RES(16N)	1951.500	[OHM-M]	448089.000	[CPS]
5	Jan14,22	08:33:10	RES(64N)	0.000	[OHM-M]	3163.000	[CPS]
	Jan14,22	08:33:10	RES(64N)	1994.000	[OHM-M]	449170.000	[CPS]
6	Jul12,17	13:17:49	TEMP	33.400	[DEG_F]	66910.000	[CPS]
	Jul12,17	13:17:49	TEMP	102.200	[DEG_F]	270930.000	[CPS]
7	Jan14,22	08:33:36	RES	0.000	[OHM]	21285.000	[CPS]
	Jan14,22	08:33:36	RES	944.000	[OHM]	190148.000	[CPS]

Us Highway

Rd 200

Rd 200

1993
672'

1975
305'

1979
624'

1976
455'

S10-T30S-R33W

S11-T30S-R33W

S12-T30S-R33W

#4
2009
675'

Rd KK

#6

Rd JJ

Rd 210

623
1999

Rd 210

1999
#5
673'

S13-T30S-R33W

WATER WELL RECORD Form WW-5 KSA 82a-1212

LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: <u>Haskell</u>	<u>SW</u> $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$	<u>11</u>	<u>T 30 S</u>	<u>R 3 E</u> (W)

Distance and direction from nearest town or city? 2 3/4 miles west & 1 1/2 South of Sublette, KS. Street address of well if located within city? **#1**

WATER WELL OWNER: Harry Wright
 R# St. Address, Box # : _____
 City, State, ZIP Code : Sublette, KS, 67877 Board of Agriculture, Division of Water Resources Application Number: _____

DEPTH OF COMPLETED WELL 626 ft. Bore Hole Diameter 26 in. to 626 ft. and _____ in. to _____ ft.
 Well Water to be used as:
 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Well's static water level 275 ft. below land surface measured on 12 month 12 day 79 year
 Pump Test Data : Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 1600 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm

TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile Casing Joints: Glued _____ Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____

Blank casing dia 16 in. to 626 ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.
 Casing height above land surface 12 in. weight 42.05 lbs./ft. Wall thickness or gauge No 250

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 12 None used (open hole)

Screen or Perforation Openings Are:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____

Screen-Perforation Dia 16 in. to 626 ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.
 Screen-Perforated Intervals: From 315-375 ft. to 385-405 ft. From 458-468 ft. to 495-525 ft.

Gravel Pack Intervals: From 10 ft. to 626 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.

GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grouted Intervals: From 0 ft. to 10 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.

What is the nearest source of possible contamination:
 1 Septic tank 4 Cess pool 7 Sewage lagoon 11 Fertilizer storage 14 Abandoned water well
 2 Sewer lines 5 Seepage pit 8 Feed yard 12 Insecticide storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 13 Watertight sewer lines none observed
 16 Other (specify below) _____

Direction from well _____ How many feet _____? Water Well Disinfected? Yes _____ No

Was a chemical/bacteriological sample submitted to Department? Yes _____ No If yes, date sample was submitted _____ month _____ day _____ year: Pump installed? Yes No _____

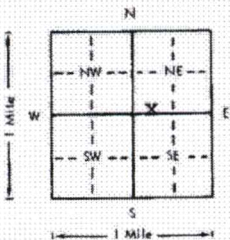
If Yes: Pump Manufacturer's name Johnston Model No. 12GMC HP 200 Volts _____
 Depth of Pump Intake 405 ft. Pumps Capacity rated at 1600 gal./min.

Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other _____

CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on _____ Dec. _____ month 11 day 199- 1979 year

and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145
 This Water Well Record was completed on Jan. month 3 day 1980 year under the business name of Henkle Drilling & Supply Co. by (signature) Bruce J. Reichmuth

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



ELEVATION: _____

Depth(s) Groundwater Encountered 1.250-375 ft. 2386-402 ft. 3456-468 ft. 4495-524 ft. 546-580 580-625 (Use a second sheet if needed)

INSTRUCTIONS: Use typewriter or ball point pen, please press firmly and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
T
R
EM
SEC.
1/4
1/4
1/4

DRILLERS TEST LOG

CUSTOMERS NAME Harry Wright DATE 12-3-79
 STREET ADDRESS _____ TEST # 1 E. Log yes
 CITY & STATE Sublette, Ks. 67877 DRILLER Mai
 COUNTY Haskell QUARTER NE SECTION 11 TOWNSHIP 30 RANGE 33

LOCATION 620' East & 100' North of SW corner of NE 1/4 Sec.

Gas line 120' West of test #1 WELL LOCATION

#	DRILLED FROM	PAY	FOOTAGE TO	DESCRIPTION OF STRATA	STATIC WATER LEVEL	
					PROPOSED WELL DEPTH	262'
	0		2	Top Soil		
	2		42	Brown clay & calichee		
	42		75	Sand fine to med. few clay sts.		
	75		103	Sand fine to med. coarse small to med. gravel few large gravel.		
	103		123	Brown sandy clay, caliche & sand sts.		
	123		250	Sand fine to med. coarse small to med. gravel, few large gravel few clay sts. loose in places	uses	
65	250	100	375	Sand fine to med. coarse small to med. gravel, limerock ledges, loose	uses	few
	375		386	Brown sandy clay & limerock.		
60	386	16	402	Sand fine to med. coarse small to med. gravel loose few sandy clay stringers.		
	402		411	Brown clay, limerock & sand fine to med. coarse.		
	411		426	White clay, brown sandy clay & limerock		
	426		448	Yellow soapstone, white clay, limerock & limerock ledges.		
	448		456	Blue shale		
FAIR	456	12	468	Sandstone blue shale sts.		
	468		495	Blue shale		
FAIR	495	29	524	Sandstone & blue shale sts.		
	524		546	Blue shale		
GOOD	546	34	580	Sandstone uses water added bran to keep circ. Few blue shale & weathered shale sts.		
VERY GOOD	580	45	625	White sandstone few weathered shales sts. uses water, fairly tight,		
	625		626	Hard ledge.		
				Total Depth of Well 626'		
				4 Sacks quik gel		
				1/2 sack bran		
				Set up WEST		
				Pipe on NORTH		

HENKLE DRILLING & SUPPLY CO., INC.

GARDEN CITY, KANSAS
 Phone 276-3278

SUBLETTE, KANSAS
 Phone 675-4311

TEST HOLES

DOMESTIC WELLS

STOCK WELLS

IRRIGATION & INDUSTRIAL WELLS

#2

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
COUNTY: 041 HASKELL SE 1/4 SE 1/4 NE 1/4 11 T 30 S R 33 W

Distance and direction from nearest town or city street address of well if located within city?
APPROX. 1 MILE WEST & 1 1/2 MILES SOUTH OF SUBLETTE

2 WATER WELL OWNER: HARRY WRIGHT FAMILY TRUST Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #: PO BOX 1123
City, State, ZIP code: LIVINGSTON, KS 59047-1123 Application Number: 30,542

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 664 ELEVATION: 0
Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.
WELL'S STATIC WATER LEVEL 343 ft. below land surface measured on mo/day/yr 06/17/98
Pump test data: Well water was 380 ft. after 4 hours pumping 1100 gpm
Estimated Yield 1100 gpm: Well water was 0 ft. after 0 hours pumping 0 gpm
Bore Hole Diameter 24 in. to 664 ft., and in. to 0 ft.
WELL WATER TO BE USED AS: 02 IRRIGATION
Was a chemical/bacteriological sample submitted to department? No ;
If yes, mo/day/yr sample was submitted Water well disinfected? Yes

5 TYPE OF BLANK CASING USED: 01 STEEL CASING JOINTS: WELDED
Blank casing diameter 16 in. to 664 ft., Dia in. to 0 ft., Dia in. to 0 ft.
Casing height above land surface 12 in., weight 42 lbs/ft. Wall thickness or gauge No. .250
TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL
SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT

SCREEN PERFORATED INTERVALS: From 370 ft. to 450 ft., From 0 ft. to 0 ft.
From 499 ft. to 659 ft., From 0 ft. to 0 ft.
GRAVEL PACK INTERVALS: From 20 ft. to 460 ft., From 0 ft. to 0 ft.
From 460 ft. to 664 ft., From 0 ft. to 0 ft.

6 GROUT MATERIAL 03 BENTONITE
Grout Intervals: From 0 ft. to 20 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.
What is the nearest source of possible contamination: NONE OBSERVED
Direction from well? How many feet? 0

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	02 SILT			
2	80	01 CLAY			
80	93	05 SAND 11 GRAVEL			
93	130	04 SANDY CLAY 20 LIMESTONE			
130	152	05 BAND 04 SANDY CLAY			
152	212	05 SAND			
212	217	04 SANDY CLAY			
217	245	05 SAND 11 GRAVEL			
245	275	01 CLAY			
275	307	05 SAND 11 GRAVEL			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 06/11/98 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 06/26/98 under the business name of HENKLE DRILLING & SUPPLY by (signature)

(Continued)

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
COUNTY: 041 HASKELL	SE 1/4 SE 1/4 NE 1/4	11	T 30 S	R 33 W

2 WATER WELL OWNER:	HARRY WRIGHT FAMILY TRUST	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #:	PO BOX 1123	

City, State, ZIP code	LIVINGSTON, KS 59047-1123	Application Number: 30,542
-----------------------	---------------------------	----------------------------

FROM	TO	LITHOLOGIC LOG	
307	332	01 CLAY	
332	350	05 SAND 01 CLAY	
350	410	05 SAND	370'
410	419	05 SAND 11 GRAVEL	
419	425	04 SANDY CLAY	SCREEN
425	433	05 SAND 11 GRAVEL	
433	450	01 CLAY 20 LIMESTONE 19 SHALE	450'
450	465	31 CALICHE 20 LIMESTONE	PLAIN
465	505	19 SHALE 01 CLAY	499'
505	535	19 SHALE 31 CALICHE	
535	659	23 SANDSTONE 19 SHALE	SCREEN
659	665	19 SHALE	659'

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 06/11/98 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 06/26/98 under the business name of HENKLE DRILLING & SUPPLY by (signature) *Bruce J. Reichmuth*

#3

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 041 HASKELL NE 1/4 NW 1/4 NW 1/4 12 T 30 S R 33 W

Distance and direction from nearest town or city street address of well if located within city?
 APPROX. 1 MILE SOUTH, 3/4 MILE WEST FROM SUBLETTE

2 WATER WELL OWNER: WASONER, RICHARD
 RRP, St. Address, Box #: 7447 NORTH NORTHERN Board of Agriculture, Division of Water Resources
 City, State, ZIP code: TUCSON, AZ 85704- Application Number: 7,072 & 26,304

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:
 4 DEPTH OF COMPLETED WELL 672 ELEVATION: 0
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.
 WELL'S STATIC WATER LEVEL 348 ft. below land surface measured on mo/day/yr 08/18/93
 Pump test data: Well water was 409 ft. after 4 hours pumping 990 gpm
 Estimated Yield 990 gpm: Well water was 0 ft. after 0 hours pumping 0 gpm
 Bore Hole Diameter 24 in. to 672 ft., and in. to 0 ft.
 WELL WATER TO BE USED AS: 02 IRRIGATION
 Was a chemical/bacteriological sample submitted to department? No ;
 If yes, mo/day/yr sample was submitted Water well disinfected? No

5 TYPE OF BLANK CASING USED: 01 STEEL CASING JOINTS: WELDED
 Blank casing diameter 16 in. to 672 ft., Dia. in. to 0 ft., Dia. in. to 0 ft.
 Casing height above land surface 12 in., weight 42 lbs/ft. Wall thickness or gauge No. .250
 TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT

SCREEN PERFORATED INTERVALS: From 367 ft. to 387 ft., From 590 ft. to 670 ft.
 GRAVEL PACK INTERVALS: From 400 ft. to 460 ft., From 0 ft. to 0 ft.
 From 20 ft. to 672 ft., From 0 ft. to 0 ft.
 From 0 ft. to 0 ft., From 0 ft. to 0 ft.

6 GROUT MATERIAL 03 BENTONITE
 Grout intervals: From 0 ft. to 20 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.
 What is the nearest source of possible contamination: 14 ABAND. WELL
 Direction from well? WEST How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	40	31 CALICHE 01 CLAY			
40	47	07 FINE SAND 08 MEDIUM SAND			
47	80	31 CALICHE 01 CLAY 07 FINE SAND			
80	90	07 FINE SAND 08 MEDIUM SAND 13 FINE GRAVEL			
90	120	04 SANDY CLAY			
120	132	07 FINE SAND 08 MEDIUM SAND 13 FINE GRAVEL			
132	145	01 CLAY 31 CALICHE			
145	387	07 FINE SAND 08 MEDIUM SAND 14 MED GRAVEL			
387	400	04 SANDY CLAY 20 Limestone			
400	424	07 FINE SAND 09 COARSE SAND 13 FINE GRAVEL			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed under my jurisdiction and was completed on (mo/day/year) 08/11/93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 08/20/93 under the business name of HENKLE DRILLING & SUPPLY by (signature)

-(Continued)

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: | Fraction | Section Number | Township Number | Range Number
| COUNTY: 041 HASKELL | NE 1/4 NW 1/4 NW 1/4 | 12 | T 30 | S | R 33 | W

2 WATER WELL OWNER: MASONER, RICHARD
| RR#, St. Address, Box # : 7447 NORTH NORTHERN Board of Agriculture, Division of Water Resources
| City, State, ZIP code : TUCSON, AZ 85704- Application Number: 7,072 & 26,304

FROM	TO	LITHOLOGIC LOG
424	445	20 LIMESTONE 07 FINE SAND 01 CLAY
445	457	07 FINE SAND 09 COARSE SAND 20 LIMESTONE
457	476	23 SANDSTONE
476	580	19 SHALE 20 LIMESTONE
580	590	20 LIMESTONE 19 SHALE
590	670	23 SANDSTONE
670	675	19 SHALE

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 08/11/93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 08/20/93 under the business name of HENKLE DRILLING & SUPPLY by (signature) *Bruce Richmond*

#4

26,304

WATER WELL RECORD

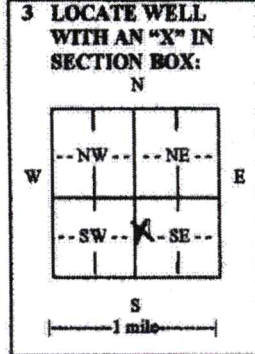
Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Haskell Fraction: 1/4 SW 1/4 NW 1/4 SE 1/4 Section Number: 12 Township No.: T 30 S Range Number: R 33 [E] [W]

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here [] From Satanta, approx. 3 mi. East Global Positioning System (GPS) information: Latitude: 37.45030 Longitude: 100.87950 Elevation: Datum: [] WGS 84, [] NAD 83, [] NAD 27 Collection Method: [x] GPS unit (Make/Model:) [] Digital Map/Photo, [] Topographic Map, [] Land Survey Est. Accuracy: [] <3 m, [] 3-5 m, [] 5-15 m, [] >15 m

2 WATER WELL OWNER: Chester Mayhew RR#, Street Address, Box #: PO Box 977 City, State, ZIP Code: Sublette, Ks 67877



3 LOCATE WELL WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 675 ft. Depth(s) Groundwater Encountered (1) 383 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 383 ft. below land surface measured on mo/day/yr. 6/23/09 Pump test data: Well water was 552 ft. after 4 hours pumping 1527 gpm EST. YIELD gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter 24 in. to 675 ft. and in. to ft. WELL WATER TO BE USED AS: [] Public water supply [] Geothermal [] Injection well [] Domestic [] Feedlot [] Oil field water supply [] Dewatering [] Other (Specify below) [x] Irrigation [] Industrial [] Domestic-lawn & garden [] Monitoring well Was a chemical/bacteriological sample submitted to Department? [] Yes [x] No If yes, mo/day/yr sample was submitted. Water well disinfected? [x] Yes [] No

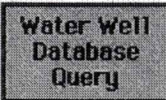
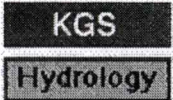
5 TYPE OF CASING USED: [x] Steel [] PVC [] Other CASING JOINTS: [] Glued [] Clamped [x] Welded [] Threaded Casing diameter 16 in. to 675 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 12 in., Weight 42 lbs./ft., Wall thickness or gauge No. 250 TYPE OF SCREEN OR PERFORATION MATERIAL: [x] Steel [] Stainless Steel [] PVC [] Brass [] Galvanized Steel [] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [x] Continuous slot [] Mill slot [] Gauze wrapped [] Torch cut [] Drilled holes [] None (open hole) [] Louvered shutter [] Key punched [] Wire wrapped [] Saw cut [] Other (specify) SCREEN-PERFORATED INTERVALS: From 374 ft. to 434 ft., From 476 ft. to 486 ft. From 534 ft. to 544 ft., From 560 ft. to 670 ft. GRAVEL PACK INTERVALS: From 20 ft. to 450 ft., From 450 ft. to 675 ft.

6 GROUT MATERIAL: [] Neat cement [] Cement grout [x] Bentonite [] Other Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: [] Septic tank [] Lateral lines [] Pit privy [] Livestock pens [] Insecticide storage [] Other (specify below) [] Sewer lines [] Cesspool [] Sewage lagoon [] Fuel storage [] Abandoned water well [] Watertight sewer lines [] Seepage pit [] Feedyard [] Fertilizer storage [] Oil well/gas well Direction from well South & West Distance from well 282' & 5'

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include lithological descriptions like 'Top Soil', 'Brown Sandy Clay, Sand Strips', 'Fine Sand', 'Shale, Sandstone Strips', etc.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [x] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo/day/year) 6/5/2009 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/year) 6/25/2009 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheksa.gov/waterwell/index.html



Scan of WWC5 Form

#5

WATER WELL RECORD Form WWC-5 KSA 92a-1212

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 041 HASKELL NE 1/4 NW 1/4 NW 1/4 13 T 30 S R 33 W

Distance and direction from nearest town or city street address of well (if located within city)
 FROM SUBLETTE; APPX 2 MILES SOUTH AND 1 3/4 MILES WEST

2 WATER WELL OWNER: FLOYD M. LEONARD, SR.
 RRF, St. Address, Box #: HCR 1 BOX 91 Board of Agriculture, Division of Water Resources
 City, State, ZIP code: SUBLETTE, KS 66877- Application Number: 17943

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 673 ELEVATION: 0
 Depth(s) Groundwater Encountered: 1. 0 ft., 2. 0 ft., 3. 0 ft.
 WELL'S STATIC WATER LEVEL: 340 ft. below land surface measured on 05/01/99
 Pump test data: Well water was 384 ft. after 4 hours pumping 618 gpm
 Estimated Yield: 0 gpm Well water was 0 ft. after 0 hours pumping 0 gpm
 Bore Hole Diameter: 24 in. to 673 ft., and in. to 0 ft.
 WELL WATER TO BE USED AS: 02 IRRIGATION
 Was a chemical/bacteriological sample submitted to department? No
 If yes, no/day/yr sample was submitted water well disinfected? Yes

5 TYPE OF BLANK CASING USED: 01 STEEL CASING JOINTS: WELDED
 Blank casing diameter: 16 in. to 673 ft., Dia in. to 0 ft., Dia in. to 0 ft.
 Casing height above land surface: 12 in., weight 42 lbs/ft., Wall thickness or gauge No. .25
 TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT
 SCREEN PERFORATED INTERVALS: From 370 ft. to 450 ft., From 0 ft. to 0 ft.,
 From 568 ft. to 668 ft., From 0 ft. to 0 ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 395 ft., From 0 ft. to 0 ft.,
 From 395 ft. to 673 ft., From 0 ft. to 0 ft.

6 GROUT MATERIAL: 03 BENTONITE
 Grout Interval(s): From 0 ft. to 20 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.
 What is the nearest source of possible contamination: 14 ABAND. WELL
 Direction from well? WEST How many feet? 700

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	02 SILT			
4	57	01 CLAY 04 SANDY CLAY 36 GYP ROCK			
57	67	07 FINE SAND			
67	74	04 SANDY CLAY			
74	88	05 SAND 11 GRAVEL			
88	100	04 SANDY CLAY			
100	114	05 SAND 13 FINE GRAVEL			
114	152	04 SANDY CLAY 20 LIMESTONE			
152	230	05 SAND 11 GRAVEL			
230	247	01 CLAY			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed under my jurisdiction and was completed on (no/day/year) 04/29/99 and this record is true to the best of my knowledge and belief. Kansas
 Water Well Contractor's License No. 145 This Water Well Record was completed on (no/day/yr) 05/13/99

(Continued)

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:		Fracture	Section Number	Township Number	Range Number
COUNTY:	041 MASKELL	NE 1/4 NW 1/4 NW 1/4	13	T 30 S	R 33 W

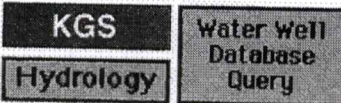
2 WATER WELL OWNER:		FLOYD W. LEONARD, SR.	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #:	HCR 1 BOX 91		

City, State, ZIP code: SURRETTE, KS 67877- Application Number: 17943

FROM	TO	LITHOLOGIC LOG
217	278	05 SAND 13 FINE GRAVEL 14 MED GRAVEL
278	310	01 CLAY
310	372	05 SAND 13 FINE GRAVEL 14 MED GRAVEL
372	395	05 SAND 13 FINE GRAVEL
395	401	20 LIMESTONE 05 SAND
401	408	23 SANDSTONE 28 ROCK 20 LIMESTONE
408	425	23 SANDSTONE 31 CALICHE 28 ROCK
425	436	31 CALICHE 23 SANDSTONE
436	450	19 SHALE 23 SANDSTONE 31 CALICHE
450	568	19 SHALE
568	593	23 SANDSTONE 19 SHALE
593	668	23 SANDSTONE
668	672	01 CLAY 20 LIMESTONE
672	680	19 SHALE

3 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed under my jurisdiction and was completed on (mo/day/year) 04/29/99 and this record is true to the best of my knowledge and belief, Kansas Water Well Contractor's License No. 145. This Water Well Record was completed on (mo/day/yr) 05/13/99

Kansas Geological Survey
 Comments to webadmin@kgs.ku.edu
 URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>
 Display Programs Updated July 2, 2014
 Data added continuously.



Scan of WWC5 Form

#4

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 041 WASKELL SE 1/4 SE 1/4 SE 1/4 10 T 30 S R 33 W

Distance and direction from nearest town or city street address of well if located within city?
 FROM SUBLETTE: APPROX 3 MILES WEST AND 1 3/4 MILE SOUTH

2 WATER WELL OWNER: MAJORIE SWARTZ Board of Agriculture, Division of Water Resources
 Rm#, St. Address, Box #: 2401 SCARBOROUGH
 City, State, ZIP code: ANCHORAGE, AK 99504-3385 Application Number: 27708

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:
 4 DEPTH OF COMPLETED WELL 623 ELEVATION: 0
 Depth(s) Groundwater Encountered: 1. 0 ft. 2. 0 ft. 3. 0 ft.
 WELL'S STATIC WATER LEVEL: 343 ft. below land surface measured on mo/day/yr 05/06/99
 Pump test data: Well water was: 371 ft. after 4 hours pumping 805 gpm
 Estimated Yield: 0 gpm Well water was 0 ft. after 0 hours pumping 0 gpm
 Bore Hole Diameter: 24 in. to 623 ft., and in. to 0 ft.
 WELL WATER TO BE USED AS: 02 IRRIGATION
 Was a chemical/bacteriological sample submitted to department? No
 If yes, mo/day/yr sample was submitted Water well disinfected? Yes

5 TYPE OF BLANK CASING USED: 01 STEEL CASING JOINTS: WELDED
 Blank casing diameter: 16 in. to 623 ft., Dia: 16. to 0 ft., Dia: 16. to 0 ft.
 Casing height above land surface: 12 in., weight: 42 lbs/ft. Wall thickness or gauge No.: .25
 TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT
 SCREEN PERFORATED INTERVALS: From 370 ft. to 450 ft., From 0 ft. to 0 ft.
 GRAVEL PACK INTERVALS: From 588 ft. to 618 ft., From 0 ft. to 0 ft.
 From 20 ft. to 400 ft., From 0 ft. to 0 ft.
 From 400 ft. to 623 ft., From 0 ft. to 0 ft.

6 GROUT MATERIAL: 03 BENTONITE
 Grout intervals: From 0 ft. to 20 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.
 What is the nearest source of possible contamination: 14 ABAND. WELL
 Direction from well? WEST
 How many feet? 1260

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	02 SILT			
3	42	01 CLAY 04 SANDY CLAY 31 CALICHE			
42	52	07 FINE SAND 08 MEDIUM SAND			
52	72	04 SANDY CLAY 05 SAND			
72	91	05 SAND 11 GRAVEL			
91	110	04 SANDY CLAY 05 SAND 01 CLAY			
110	145	07 FINE SAND 08 MEDIUM SAND 04 SANDY CLAY			
145	205	05 SAND 13 FINE GRAVEL 14 MED GRAVEL			
205	220	05 SAND 13 FINE GRAVEL 20 LIMESTONE			
220	304	05 SAND 13 FINE GRAVEL			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed under my jurisdiction and was completed on (mo/day/year) 05/03/99 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 05/14/99

(Continued)

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COUNTY: 041 HASKELL	SE 1/4 SE 1/4 SE 1/4	10	T 30 S	R 33 W

2 WATER WELL OWNER:	MAJORIE SHARTZ	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #:	2401 SCARBOROUGH	

City, State, ZIP code : ANCHORAGE, AK 99504-3385 Application Number: 23708

FROM	TO	LITHOLOGIC LOG
304	309	01 CLAY
309	327	05 SAND 13 FINE GRAVEL 14 MED GRAVEL
327	383	05 SAND 13 FINE GRAVEL 01 CLAY
383	406	05 SAND 13 FINE GRAVEL 14 MED GRAVEL
406	420	01 CLAY 20 LIMESTONE 05 SAND
420	437	31 CALICHE 07 FINE SAND 23 SANDSTONE
437	450	31 CALICHE 23 SANDSTONE
450	460	19 SHALE 28 ROCK 01 CLAY
460	577	19 SHALE
577	586	19 SHALE 23 SANDSTONE
586	618	23 SANDSTONE 19 SHALE
618	642	19 SHALE 20 LIMESTONE
642	650	28 ROCK 01 CLAY
650	660	19 SHALE

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Kansas Geological Survey
 Comments to webadmin@kgs.ku.edu
 URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html
 Display Programs Updated July 2, 2014
 Data added continuously.