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

1. File Number: 2. Status Change Date: 3. Change Num: 4. Field Office: 5. GMD: 9755 3 12-12-2022 C1 4 7. Filing Date of Change: 6. Status: Approved ☐ Denied by DWR/GMD ☐ Dismiss by Request/Failure to Return 12/5/2022 8a. Landowner, applicant, WUC Person ID 51074____ 8c. Landowner(s) Person ____ Add Seq# Add Seg# New to system ☐ New to system ☐ **NAIRN & NAIRN FARMS** Attn: KEEGAN NAIRN **PO BOX 493 JOHNSON, KS 67855** 8b. Landowner(s), Person ID 39063___ 8d. WUC Person ID Add Seq# ____ New to system ☐ New to system ☐ Add Seq# _____ 9. Documents and Enclosure(s): DWR Meter(s) Date to Comply: 12/31/2023 N & P Date to Comply: 3/1/2024 ☐ Meter Seal ☐ Check Valve ☐ N & P Form ☐ Water Tube ☐ Driller Copy ☐ H & E Letter ☐ Anti-Reverse Meter Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____ From: To: _____ 10. Use Made of Water Date Prepared:12/12/2022 By: MAM Date Entered: By:

File No. 9755	11. County: S	ST	Basi	n: CIMAF	RRON F	RIVER			S	tream:								ormation Co 1/331	ode:	Special Use:
12. Points of Diversion CHK MOD DEL PDIV													-	Authori	uantity zed			dditional		
ENT Qualifier	S	Т	R	ID	'N	'W		Com	ment	(AKA	Line)		Rate		Quanti af	ty	Rate gpm			Overlap PD Files
DEL 43782																				
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		14																		
		T		Trans.																
13. Storage: Rate	NI NI	F	Quant	ity				ac/ft	A	ddition	nal Rat	e		71		NF	Addi	tional Quar	ntity	ac/ft
14. Limitation:	af/ at			Bar	_gpm (cfs) w	hen co	ombine	ed with	file n	umber	(s)	T de la				
Limitation:	af/yr at	16			gpm (cfs) w	hen co	ombine	ed with	file n	umber	(s)					
15. 5YR Allocation: Allocation T	ype	Star	rt Year		5 YR	Amou	nt		Amo	ount U	nit		Base	Acres		_ c	omment .			
16. Place of Use CHK			NE3	/4		NV	V1/4			sv	N¹/4			S	E1/4		Total	Owner	Chg?	Overlap Files
MOD DEL ENT PUSE S T R	ID	NE 1/4	NW 1/4	SW SE		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		200		
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Page Agree: Voor:	Ŋ.A.:	nimum	Pesso	nable Qu	antity:								3			76				
Base Acres: Year: Comments:	IVIII	ilimum	reason	iable Qu	anuty:															

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

December 12, 2022

NAIRN & NAIRN FARMS Attn: KEEGAN NAIRN **PO BOX 493** JOHNSON, KS 67855

RE:

Field Office Application for Change

Water Right, File Nos. 3312, 3351, 4814, 8240, 9755,

17102, 22167

Dear Sir:

Enclosed are orders 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 numbers.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approvals for change. A condition of these approvals 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 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,

Michael A. Meyer

Water Commissioner

MAM: Enclosures

CERTIFICATE OF SERVICE

On this 13th day of December 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 3312, 3351, 4814, 8240, 9755, 17102, 22167 dated 12th day of December 2022 was mailed postage prepaid, first class, US mail to the following:

NAIRN & NAIRN FARMS Attn: KEEGAN NAIRN PO BOX 493 JOHNSON, KS 67855

Avron Holsted

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.

tha	n 100 feet,	or if pla	ace of	use w															ion is greater osed point(s
of c	diversion an	d/or p	lace of	f use.													RE	CEI	VED
								_										:09 4	
						ŀ	File No	o. <u>9755</u>	5								UE	C 0 5	2022
1.	Application	n is he	reby r	nade f	or app			Chief E		100		the (ch		ne or b	oth):	G Divi	arden sion o	City Fi f Water	ield Office r Resources
	under the	water	riaht v	vhich i	s the s					_				ndition	s desc	ribed	helow		
	The source		-		5 1110 0			water	ation			ce wat		idition	0 4000	, incoa	001011		
2.	Name and PO BOX 4 Phone Nu Name and	193 JC mber:	HNSC (ON, KS	6785	55			Email	addre	ss:								
3.	Phone Nu The prese Owner of	ntly au Land -	uthoriz	ed pla AME: ESS:	ce of u	ise is: HANGI													
Se	(If there is r	nore th	an one			tach su	ippieme			neces	sary.)		A15 /				F1/		T074
-	Twp.	Range	NE1/4		5W1/4	SE1/4	NE1/4		N1/4 SW1/4	SE1/4	NE1/4		N1/4 SW1/4	SE1/4	NE1/4		E1/4 SW1/4	SE1/4	TOTAL ACRES
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4.	If this appl Owner of	Land -	NA	AME: ESS:	NO CI	HANGI			4						_				
Se	ec.	nore un	an one			lach su	ppieme			neces	sary.)		A/1/				F1/		TOTAL
	Twp.	Pange	NE1/	NW1/4	SW1/4	SE1/	NE1/		N1/4 SW1/4	SE1/4	NE1/	T	N1/4 SW1/4	SE1/4	NE1/	NW1/4	SW1/4	SE1/4	TOTAL ACRES
	TWP.	range	INL/4	1444/4	OVV/4	OL/4	INL/4	1447/4	OVV/4	OL/4	IVE /4	14474	OVV/A	OL/4	142/4	1447/4	01174	OL/4	
								4-17											
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	7 7																		
	For Office	Use	Only:	Code		Fe	e \$10	0.00) TR	#		Re	eceipt	Date	2.5	.22	Chec	k# <u>0</u> 0	01559

of Section	1	, rownship	29	South, Range	40	VV,
in STANTON	Co	ounty, Kansas, <u>2680</u>	feet North _	5200 feet West of	f Southeast corne	er of section.
Authorized Rate _	1820 GPM	Authorized Quantity	633 AF	Depth of well	(fee	et)
(DWR use only:	Computer II	D No. 2 G	PS	feet North	feet We	est)
☐This point will no	t be changed	☑This point will be chang	ged as follows: [☐ No change, point better	described with GF	S as follows:
Proposed point	of diversion:	: (Complete only if char	ige is requeste	ed or if existing point i	s better describ	ed by GPS)
One in the	SW	Quarter of the	SW	Quarter of the	NW	Quarter
		, Township				
in STANTON	C	ounty, Kansas, 2949	feet North	5230 feet West of	Southeast corne	er of section.
Proposed Rate		Proposed Quantity		Proposed well depti	n (feet) 62 o	
This point is:	Additional We	ell Geo Center List	other water righ	nts that will use this poir	nt AGAM	
					0	
Presently author	ized point o	f diversion:				
One in the		Quarter of the		Quarter of the		Quarter
of Section		Township		South Range		(F/W)
in	C	, Township ounty, Kansas,	feet North	feet West of	Southeast corne	er of section
Authorized Rate		Authorized Quantity		Denth of well	(fee	et)
(DWP use only:	Computer II	D No G	DS	feet North	feet W	ect)
		☐This point will be chang				
		: (Complete only if char				
		Quarter of the				
of Section		, Township	for all North	South, Range		(E/VV),
in	Co	ounty, Kansas,	feet North _	feet vvest of	Southeast corne	er of section.
		Proposed Quantity Geo Center List				
	Lack of prod	duction on current	300	200 100 Nort	100 200	300
			- E			·······
If a well, is the test	hole log attac	ched? Xes No	200	-141+1=	+ $+$ $+$	200
The shanne(s) (مر النبال م	empleted by O	E	/		
The change(s) (wa	s)(will be) con	inpleted by?	The state of the s	/ =		1
			_ 100	1+++=	1 + 1 +	100
If the point of diver	sion is a wall-		#		 - + + + 	4
			West	#1 111 111 111 111 111 111 		IIIIII O Fast
(a) What are you	going to do wi	ith the old well?	Westo	=	- truthidingle	East
			1			1
(b) When will this	he deno? To	he plugged	100	- + + = + + + + + + +	\cdot \mid $+$ \mid $+$	100
(b) when will this	be done? 10	be plugged	- E	.\ =		/3
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Groundwater Mana	-	ict recommendation attach	ed? 200	-1 1 + 1 =		200
U 1	52 INO		E	=	-/-	=
Assisted by cac			Ē.			فسلس
			300	200 100 0 Sout	100 200 :h Scale: 1 hashm	300 ark=10 ft
If the proposed point	nt of diversion	will be relocated more than	1300			
a topographic ma	o or aerial r	existing point of diversion, a photograph. For ground	water foot r	proposed point of divers	sion will be relocated to find the size of	ted <u>within a 30</u>
sources, show all v	vells (including	g domestic) within one-half	f mile on th	e diagram shown above	in relation to the	existing point of
of the proposed po	oint of diversion	on and the names and ma	ailing diver	sion. The proposed po	int of diversion n	nust be locate
names and addr	esses of the	urface water sources, show e landowner(s) one-half	mile cente	n the circle shown above er of diagram abov	e represents	the present
downstream and	one-half mile	upstream from your pro	perty author	orized point of diversion	n.)	
lines					(A)	

Page 2

Quarter of the _____SW

Quarter of the _____

Quarter

File No. ___

Presently authorized point of diversion:

One in the _

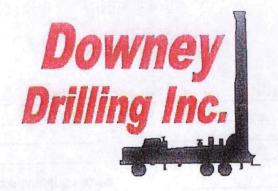
DWR 1-121 (Revised 09/11/2019)

14. If the propos	sed groundwater point of diversion	on is 300 or fewer feet from the e	xisting point of diversion, complete th	e following:
(a) Does th ☐ Yes		ers of the currently authorized plners must sign this application.)	ace(s) of use identified in this applica	tion?
	d if this application is approved as		ce(s) of use identified in this applica	tion be adversely
(c) If this ap ☐ Yes		itiously, will there be substantial oners must sign this application.)	damage to property, public health or s	safety?
or a change in pl		be signed by all owners of the co	water change in point of diversion gre urrently authorized place of use, or th	
age and the over their behalf, in contained in the	wner, the spouse of the own regards to the water right his application are true, cor	ner, or a duly authorized ag (s) to which this application rect and complete.	nd under penalty of perjury, the ent of the owner(s) to make this n pertains. I further verify that	s application on
Dated at	Johnson 1	, Kansas, this 30	day ofNewber	, 20_22
	(Owner)		(Spouse)	
K	(Please Print)		(Please Print)	
	(Owner)		(Spouse)	
	(Please Print)		(Please Print)	
	(Owner)		(Spouse)	
State of Kansas	(Please Print)		BLANCA M. GONZALE BLANCA M. GONZALE Notary Public - State of Kar My Appt. Expires Feb 4 30	
		ation was signed in my pres	ence and sworn to before me	this day
My Commission	Expires Feb 4, 20	23	anaa Notary Public	
ONLY COMPLETE accurate information the appropriate fee	on; maps, if necessary, must be inclu	<u>SSED</u> . To be complete, all of the app ded; signatures of all the appropriate	plicable portions of the application form me owners' must be affixed to the application	ust be completed with n and notarized; and
forth in the scheo (1) Appl (2) Appl	dule below: Make checks payabl lication to change a point of diver lication to change a point of diver	e to: Kansas Department of Agricon 300 feet or less rsion more than 300 feet	ction shall be accompanied by the ap griculture	\$100 \$200
DWR 1-121 (Revis	ed 09/11/2019)	Page 3	File	e No

SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

pro Wit	visions of the Kansas Water Appropriation Law, K.S.A. 82a-	98b, as amended, and K.A.R. 5-5-1, et seq. and other applicable 701 et. seq., and rules and regulations promulgated thereunder, n, this Summary Order does not change the terms, conditions and
1.	A change application was received on diversion authorized under the above-referenced file numbers.	5,2022 requesting that the place of use and / or point of per be changed as described in the application.
2.	On and after the effective date of this summary order, the aut the topographic map accompanying the application to cha	thorized place(s) of use shall be located substantially as shown on nge 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. Applicable	ats and shall be limited to the same source or sources of water as by this summary order shall be located within a foot le Not Applicable
4.	The point(s) of diversion described herein is administrative Positioning System (GPS), as described in the application	ely corrected to be more accurately described using the Global . Applicable Not Applicable
5.	The point(s) of diversion authorized herein shall not actually authorized point(s) of diversion. Applicable \(\subseteq \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	be located more than feet from the previously ot Applicable
6.	As required by K.A.R. 5-3-5d, if the works for diversion is a wor other device suitable for making water level measureme K.A.R. 5-6-13. Applicable Not Applicable	vell with a diversion rate of 100 gallons per minute or more, a tube nts shall be installed, operated and maintained in accordance with
7.	December 31, 20 23, or before the first use of water, operated and maintained in accordance with K.A.R. 5-1-4	operly install an acceptable water flow meter on or before whichever occurs first. The water flow meter shall be installed, through 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 ng the end of each calendar year.
8.	Installation of the works for diversion of water shall be authorized extension of time. By March 1, 20 ₹ the works for diversion has been completed, on the form provided Applicable □ Not Applicable	completed on or before December 31, 20 23, or within any applicant shall notify the Chief Engineer that construction of the ided by the Chief Engineer, as required by K.A.R. 5-8-4e.
9.	The completed well log shall be submitted with the requi	red notice. Applicable
10.	with an in-line, automatic, quick-closing check valve capa	oreign substance will be injected into the water shall be equipped ble of preventing pollution of the source of the water supply. The in accordance with K.A.R. 5-3-5c. Applicable \(\square\) Not Applicable
11.	Additional Conditions are attached. Yes	
12.	water appropriated under the above-referenced file numb limitations, as amended and/or supplemented by this Sun Appropriation Law and the Rules and Regulations promu	.R. 5-5-14, all of the owners of the authorized place(s) of use of per are responsible for compliance with its terms, conditions and amary Order, and with applicable provisions of the <i>Kansas Water</i> algated thereunder. Failure to comply with these provisions may be ended, and/or the suspension or revocation and dismissal of the cons authorized by law.
	Administrative Appeal and Effective Date of Order	FOR OFFICE USE ONLY APPLICATION APPROVED AND
If yo	ou are aggrieved by this order, pursuant to K.S.A. 82a-1901,	SUMMARY ORDER ISSUED
Eng	may request an evidentiary hearing before the Chief pineer or request administrative review by the Secretary of	11 1 1 1 11
filed	iculture. A request for hearing by the Chief Engineer must be d within 15 days of service of this Order and a request for	By: Duly Authorized Designer of the Chief Engineer
adn	ninistrative review by the Secretary must be filed within 30 pursuant to K.S.A. 77-531. Any request for administrative	(Print Name): MICHAEL A MEYER
revi	ew must state a basis for review pursuant to K.S.A. 77-527. any request with Kansas Department of Agriculture,	Division of Water Resources - Kansas Department of Agriculture
Leg	gal Division, 1320 Research Park Drive, Manhattan, KS	Date of Issuance: Mercyllook 12,2022
pre	602. Failure to timely request a hearing or review may clude review under the Kansas Judicial Review Act.	State of Kansas) SS
	For Use by Register of Deeds	County of TENNEY
		Acknowledged before me on 12 December 2020
		by MECHALL ASSECTION
		Signature:
		Notary Public
		My commission expires: KEVIN L. SALTER
DW	R 1-121 (Revised 09/11/2019) Pag	Agrantin.

CORPORATE 75471 ROAD 435 LEXINGTON, NE 68850 308-324-2303



3210 ANTELOPE AVE. STE D KEARNEY, NE 68847 308-237-9283

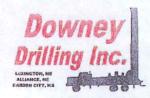
525 INDUSTRIAL DR GARDEN CITY, KS 67846 620-277-7971

NAIRN FARMS

NW 1-29S-40W

STANTON CO, KS

WR #9755 & #19790



Well Design & Construction "PROPOSED"

Customer Name: NAIRN FARMS	VVR #9755 & 19790
Legal: NW 1-29S-40W	County: STANTON
G.P.S.: 37.556136 N	Date:
101.653055W	WO #:
DRILLER:	WATER SUPPLY: IRRIGATION WELL
HELPER(S):	DRILLING RIG: M-100
BOREHOLE DIAMETER: 30"	DRILLING METHOD: REVERSE CIRCULATION
CASING DIAMETER: 16"	QUIKGEL: TBD HOLE PLUG: 20'+
TOTAL WELL DEPTH: 615'	GRAVEL: 130 TON #1 COARSE & #1 C / #1 F 70/30
DRILLING FLUID: TBD	GRAVEL SUPPLIER: HUBER
ADDITIONAL INFO: AT TEST HOLE #	41 36" X 20' SURFACE CASING
GROUT	
AND	SCREEN AND
GRAVEL	CASING
0' 1" SOUNDER TUBE -	4" GRAVEL TUBE 0'
	36" X 20' CMP SURFACE CASING
HOLE PLUG / CHIP GROUT	46" BORE HOLE
	CONCRETE GROUT
	40'
	16" .250 WALL
	PLAIN
	STEEL CASING
#1 COARSE	377'
GRAVEL	311
PACK	
	405'
	16" JOHNSON
	.080 SLOT
	AGRI-SCREEN
445	445'
445'	445
	16" JOHNSON
#1 FINE & #1 COARSE	.050 SLOT
70 / 30 MIX	AGRI-SCREEN
GRAVEL PACK	
3.0.1.22.7.01.	
SOUNDER TUBE	605'
STOPS AT 600'	16" .250 WALL
	PLAIN STEEL CASING
615'	(SUMP) 615'
	(00)1117

Downey Drilling Inc.

HARD SPOT

BLUE CLAY

445

450

443

445

1015

CUSTOMER NAME: NAIRN FARMS

TH#1

LEGAL: NW 1-29S-40W

COUNTY: STANTON CO. KS

GPS: 37.556136

-101.653055

	446		DRILLER:	DIEGO V			WO:	22-1068
TW	FROM	то	ТҮРЕ	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	4	TOP SOIL	SOFT	BROWN	FAST		SMOOTH
	4	16	BROWN SILTY CLAY	SOFT	BROWN	FAST	1.541	SMOOTH
	16	24	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	24	25	CALICHE	STIFF	WHITE	SLOW		СНОРРУ
	25	56	SANDY CLAY W/ BROWN CLAY	SOFT	TAN & BROWN	FAST		SMOOTH
	56	66	FINE-MED-COARSE SAND W/ LIME ROCK	FIRM	WHITE	FAST	1000	FAST CHATTER
	66	69	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	69	78	FINE-MED-COARSE SAND W/ LIME ROCK	HARD	WHITE	SLOW		CHATTER
	78	79	HARD SPOT			SLOW	х	CHATTER
	79	95	FINE-MED-COARSE SAND W/ CEMENTED SAND LAYERS	STIFF	WHITE	SLOW		CHATTER
	95	104	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	104	116	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	116	121	BROWN CLAY	SOFT	BROWN	FAST	-	SMOOTH
_	_	139	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	139	144	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	144	172	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	172	203	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	203	209	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	209	265	FINE-MED SAND W/ BROWN CLAY LEDGES	FIRM	BROWN	FAST		CHOPPY & SMOOT
	265	285	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	285	288	FINE-MED SAND	FIRM		FAST		СНОРРУ
	288	293	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	293	295	FINE-MED SAND	FIRM		FAST		СНОРРУ
	295	301	BROWN CLAY	SOFT	BROWN	FAST	+	SMOOTH
	301	310	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	310	314	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	314	345	FINE-MED-COARSE SAND W/ LIME ROCK	STIFF	WHITE TAN &	FAST		FAST CHATTER
	345	354	TAN & BROWN CLAY	SOFT	BROWN WHITE &	FAST		SMOOTH
	354	368	FINE-MED-COARSE SAND W/ FINE GRAVEL / LIME ROCK & BROWN ROCK	STIFF	BROWN	FAST		FAST CHATTER
	368	370	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	370	378	FINE-MED-COARSE SAND W/ BROWN ROCK & SANDY CLAY LAYERS	FIRM	BROWN &	FAST	-	A Harakitan
	373	432	FINE-MED GRAVEL W/ BROWN ROCK & LIME ROCK	STIFF	WHITE BROWN &	FAST	32	CHATTER
		443	BROWN & BLUE CLAY	SOFT	BLUE	SLOW		SMOOTH

400

HARD

SOFT

BLUE

SLOW

SLOW

CHATTER

SMOOTH

	450	469	SANDSTONE TO CROWN ROCK	STIFF	YELLOW & BROWN	FAST	1 A	FASTOMATICA
7	469	470	HARD SPOT	HARD		SLOW	x	CHATTER
1	470	475	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	475	478	RED CLAY	SOFT	RED	SLOW		SMOOTH
+		510	BROWN SILTY CLAY	SOFT				SMOOTH
-	510	564	SANDSTONE W/ FINE SAND / BROWN SILTY CLAY & TRACE OF BROWN FROCK	STIFF	BROWN YELLOW & BROWN	FAST	54	FAST CHATTER
	310	304	(BIG DRINK @ 525' BY 540' I HAD NO WATER IN THE HOLE, MADE CONNECTION & RECOVERED CIRCULATION @ 545' MIXED 6 BRAN & 12 QG)	31111	BROWN &		1	PAST UNATTED
	564	575	BROWN SILTY CLAY W SANDSTONE & FINE SAND	FIRM	TAN	SLOW	17	SMOOTH & CHOPPY
	575	581	FALSE RED BED	HARD	RED	SLOW	x	CHATTER
	581	586	GREEN CLAY	HARD	GREEN	SLOW	х	CHATTER
	586	590	RED CLAY	HARD	RED	SLOW	x	CHATTER
	590	805	TAN YELLOW SANDSTONE	HARD	TAN & YELLOW	SLOW	× 15	CHATTER
	605	620	RED BED	HARD	RED	SLOW	x	CHATTER
7		LUGE						
7			QG - 15	The second			TOTAL STATE	
7			WATER LOADS - 8			H PT HIP AS		
		Tent	SA - 1 1/2				EARLES	100 pt 10
7		*Alley	BRAN - 6				E-12 E-34	
7			HOLE PLUG - 2				The state of	
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NAIRN FARMS

COMPANY

: DOWNEY DRILLING INC

WELL

: NAIRN FARM TH#1

LOCATION/FIELD

COUNTY

LOCATION

SECTION

DATE

: 1

: 09/07/22

: NW

DEPTH DRILLER : 620

LOG BOTTOM

LOG TOP

: 1.00

CASING DIAMETER: 10.

CASING TYPE

C. .NG THICKNESS:

BIT SIZE : 6.25

MAGNETIC DECL. : 0

MATRIX DENSITY : 2.71

NEUTRON MATRIX: LIMESTON

: STANTON C

: 617.00

LOGGING UNIT

TOWNSHIP

PERMANENT DATUM : GL

LOG MEASURED FROM: GL

DRL MEASURED FROM: GL

FIELD OFFICE

RECORDED BY

BOREHOLE FLUID

RM

RM TEMPERATURE

MATRIX DELTA T

OTHER SERVICES:

: 29

: 1903

: DDI

: DIEGO

: MUD

: 49

RANGE: 40W

KB

DF

GL

FILE : ORIGINAL

TYPE : 8144A

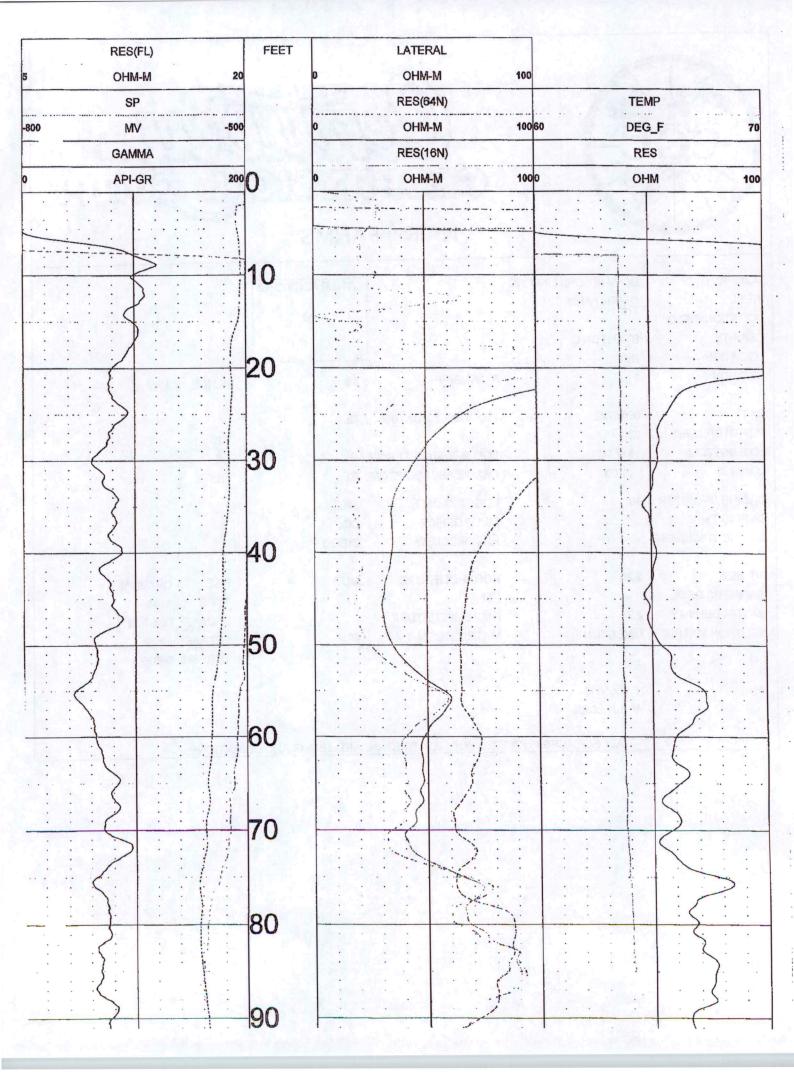
LGDATE: 09/07/22

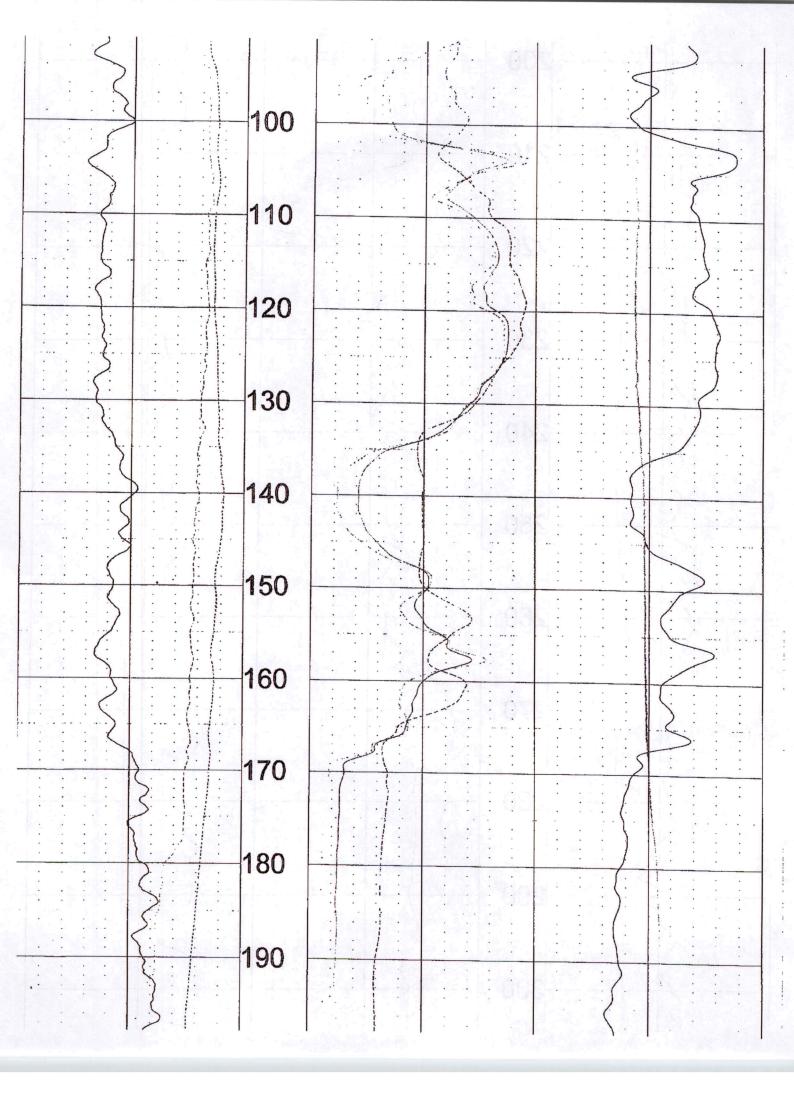
LGTIME: 19:39:

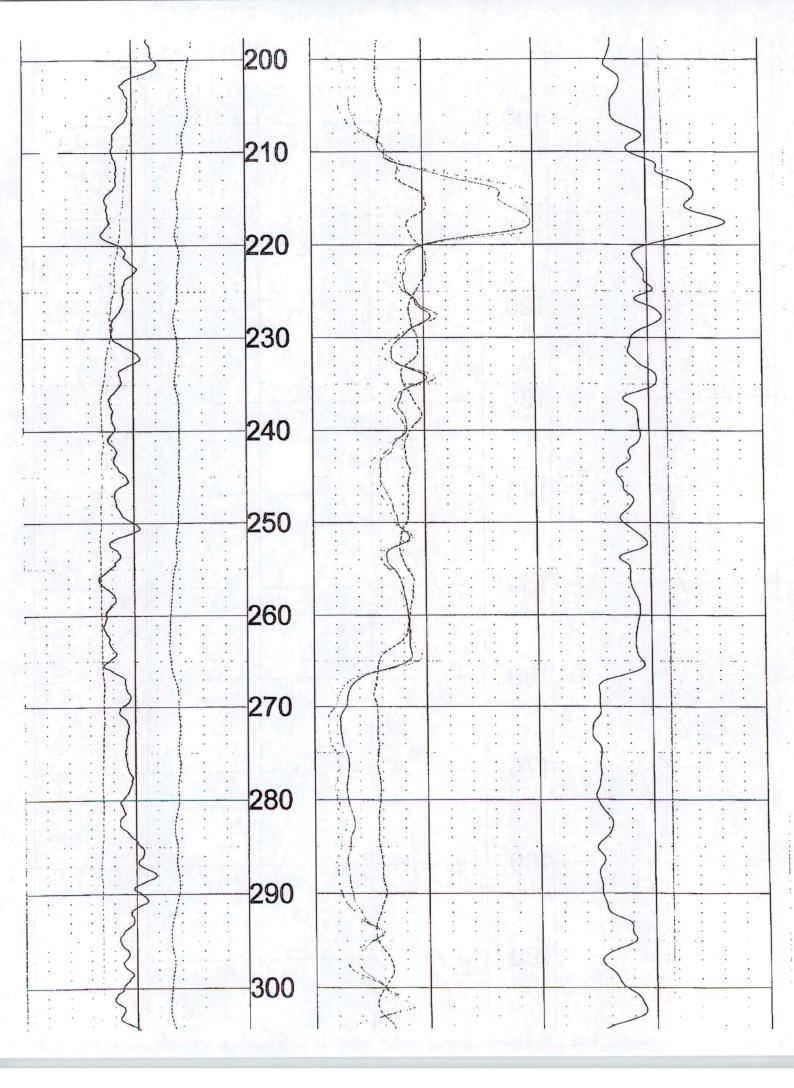
THRESH: 99999

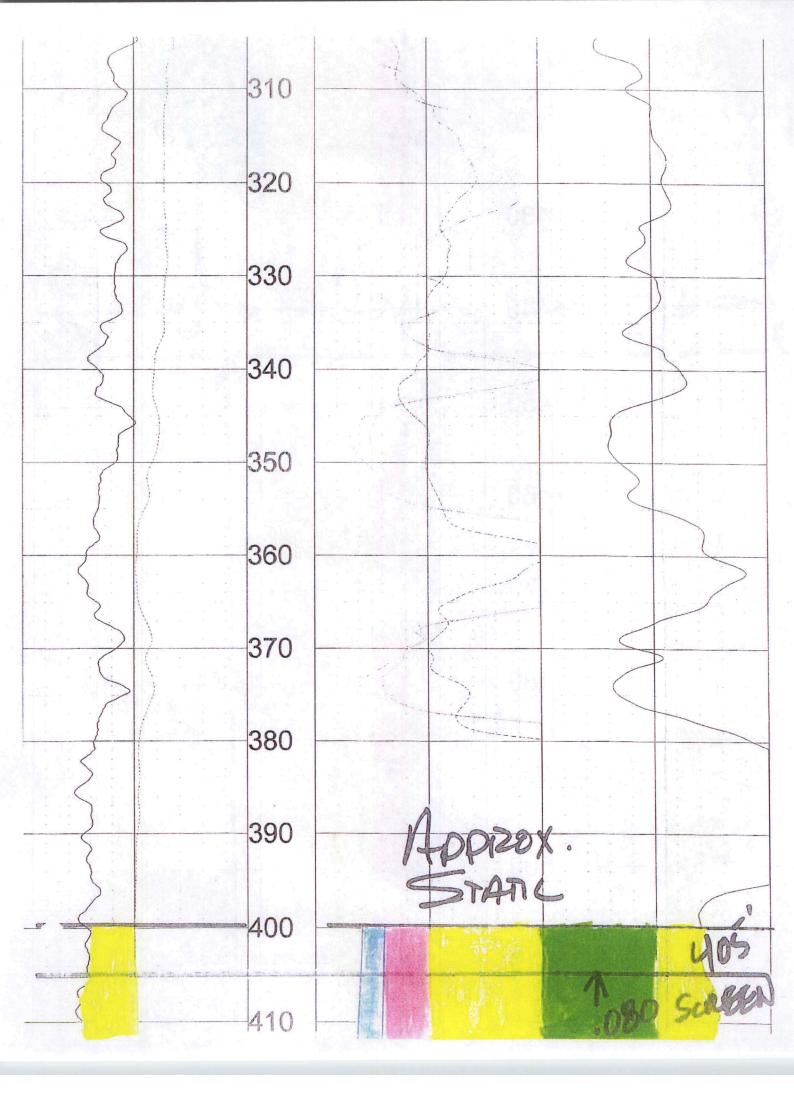
N 37.55613 W-101.65305

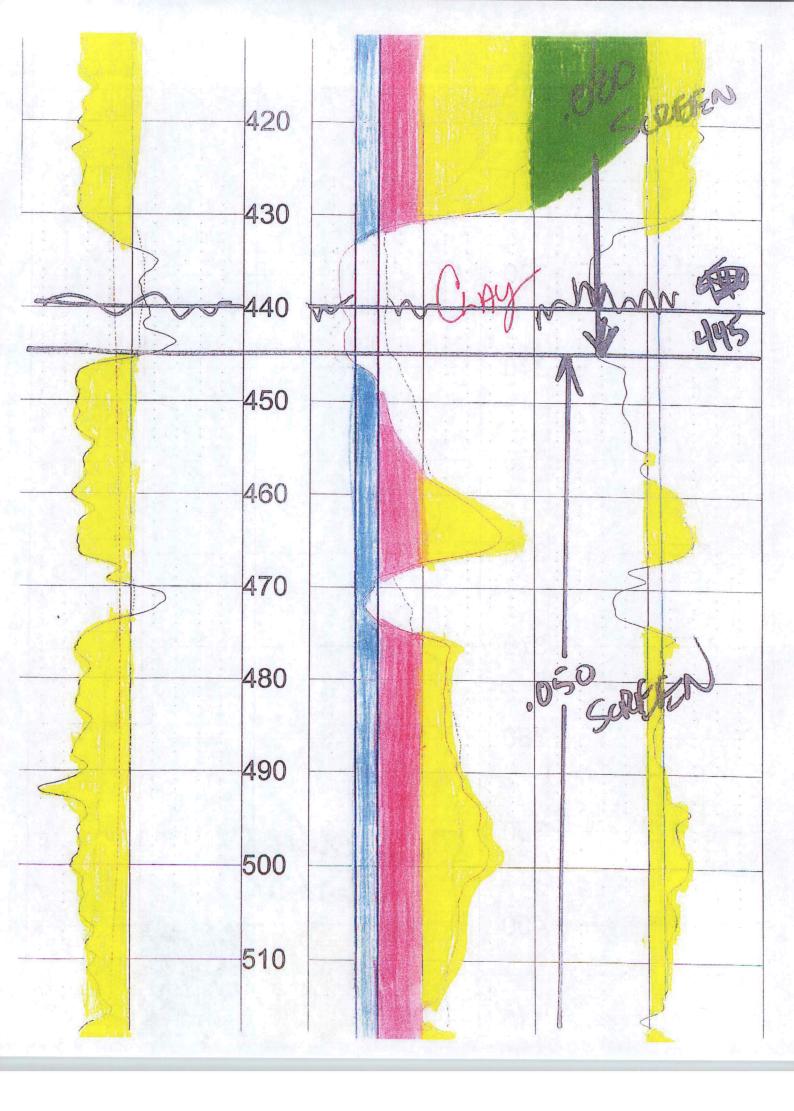
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

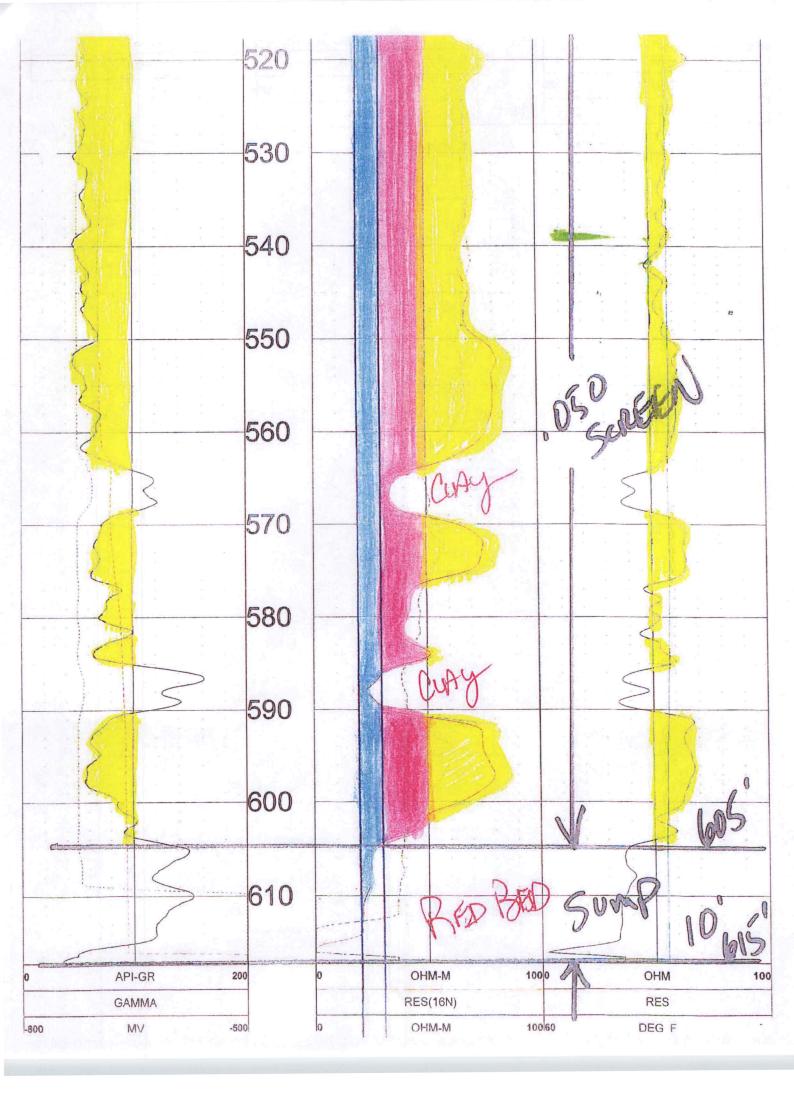












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	SP	1.5		4	,		TEMP	
5	ОНМ-М	20		0	ОНМ-М	100		
	RES(FL)		FEET		LATERAL			

TOOL CALIBRATION NAIRN FARMS 09/07/22 19:39 TOOL 8144A TM VERSION 1 SERIAL NUMBER 365 SENSOR STANDARD RESPONSE DATE TIME Feb08,18 07:51:35 **GAMMA** 1.000 [API-GR] 4.000 290.000 [API-GR] GAMMA 340.000 Feb08,18 07:51:35 [OHM-M] Jul12,17 13:24:17 RES(FL) 1.330 7595,000 42.700 [OHM-M] 64820.000 RES(FL) Jul12,17 13:24:17 08:32:51 SP 0.000 [MV 327768.000

[CPS] [CPS] [CPS] [CPS] [CPS] 3 Jan14,22 SP 381.500 [MV 164650.000 [CPS] Jan 14,22 08:32:51 М-МНО 08:33:01 **RES(16N)** 0.000 3453.000 [CPS] Jan 14,22 **RES(16N)** [ОНМ-М 448089.000 [CPS] 1951.500 08:33:01 Jan14,22 5 Jan14,22 08:33:10 **RES(64N)** 0.000 M-MHO] 3163.000 [CPS] 1994.000 M-MHO] RES(64N) 449170.000 [CPS] Jan14,22 08:33:10 TEMP 33.400 DEG F 66910.000 [CPS] 6 Jul12,17 13:17:49 102,200 [DEG_F] [CPS] TEMP 270930.000 Jul12,17 13:17:49 [OHM [CPS] 08:33:36 RES 0.000 21285.000 Jan14,22 190148.000 RES 944.000 [OHM [CPS] Jan14,22 08:33:36