State of Montans.

State of Montans.

Country of Fergus.

JUN 21 1963

Filed.

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Manual Clerk and Received.

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17286 File No.

T 12 R 23 Cornty Tergus

DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE DECEMBER OFFICE OF STATE ENGINEER

_	Shaper 201, Montana Session Daws, 19010 1711 L LINGTIN LL R
Trens m. V.	Inson, of Grass Dange (Address) (Town)
(Name of Appropriator	(Address) (Town)
County of Fengus	State of Montana
have appropriated groundwater accor	ding to the Montana laws in effect prior to January 1, 1962, as follows:
	2. The beneficial use on which the claim is based
	stockwater
Xz	oring
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1908 Continuous
	ous the use has been to a continuous
	4 Mrs. amount of moundants alriand (in minute inches on miller
	4. The amount of groundwater claimed (in miner's inches or gallon
	per minute) / gallon per minute
····	
s	5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo
Ey NE Sec. 4 T 12 R 23	not used for insigation
icate point of appropriation place of use, if possible. Each	
all square represents 10 acres.	6. The means of withdrawing such water from the ground and the local
	tion of each well or other means of withdrawal
The date of commencement and codrawal of groundwater	mpletion of the construction of the well, wells, or other works for with
The depth of water table	
So far as it may be available, the	type, size and depth of each well or the general specifications of any othe
works for the withdrawar or Brounds	rater 14 in size
The estimated amount of groundwar	er withdrawn each year ~20,000 gallow
The log of formations and and the	ter withdrawn each year ~20,000 gallon the drilling of each well if available sandstone
The My of formations encountered if	i the drining of each well it available
Such other information of a similar reference to book and page of any c	nature as may be useful in carrying out the policy of this act, including ounty record
	Simple of any Part of the first
	Signature of Owner Tressall Johnson Date Deo 27 1963
	Date Level 163

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

COPY

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W,			

DUPLICATE

T /OR -03 County League

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE DECE IVE I

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) SIAIL LIVUINLER

O	(Name of Ann	rooriator)	(Address)	(Towa)
	- T	pp. 1001)	of (Address) State of 77 on	et
Numby of	ated groundwai	ar according to	the Mon'ana laws in effect prior t	o January 1, 1962, as follows:
appropria	_			, , , , , , , , , , , , , , , , , , , ,
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		2. 7	The beneficial use on which the claim	is based
			74 ouse and si	tock water
				1 41 1 m
		3. 1	Date or approximate date of earliest	beneficial use; and how contin
			us the use has been 123 -	
	<u> </u>	E	ast_	
		-		
		4.7	The amount of groundwater claims	d (in miner's inches or galle
		X Dwello	The amount of groundwater claims er minute) 921	Der min
-				
		5. I	f used for irrigation, give the acre	age and description of the lar
	S	t	o which water has been applied	
	, ,, ,		mane	
£14.⊇.£. Sec!	6. T. 12 R2	3 .		
licate point	of appropriatio if possible. Eac	n .	······································	
i place of use,	if possible. Elac Presents 10 acre	h - 6.1	The means of withdrawing such wat	er from the ground and the lo
an square rep	resents 10 acre	•••	ion of each well or other means of w	-
		•	Pumped	/ TUILUI & W & A
		•		
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. So far as it	may be availa	ble, the type, siz	e and depth of each well or the ge	eneral specifications of any ot
	e withdrawal of	groundwater	pipe dup	a casing
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The estimate The log of formula of the control of	ormations encou	roundwater withoutered in the dri	lrawn each year Link lling of each well if available as may be useful in carrying out	the policy of this act, includ
The estimate The log of formal state of the log of the	ormations encou	ntered in the dri	lrawn each year Link lling of each well if available sandlata as may be useful in carrying out	the policy of this set, includ
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The estimate The log of form Such other is reference to	ormations encou	ntered in the dri	lrawn each year Link lling of each well if available was an extraction as may be useful in carrying out	the policy of this set, includ

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 17213

State of Moniana, Copy County of Furgue. Ss.

GW	Approved Stock From -State Publishing Co., Heienz, Montano-1234 (1985)
File No. 17788	
DUPLICATE	CountyFargus
Dec	ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Claration of Vested Groundwater Rights (Under Charter 227, Norters Series Love 1951)
	(Under Chapter 237, Montana Session Laws, 1961)
	Grass Bayors
(Name of	Appropriator) , of Grass Range (Town)
County of have appropriated groun	State of Montana dwater according to the Montana laws in effect prior to January 1, 1962, as follows:
N	
	2. The beneficial use on which the claim is based.
x,	3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1522. Has not been used since
w	1955
	4. The amount of groundwater claimed (in miner's inches or gallons per minute). Two gallons per minute
	5. If used for irrigation, give the acresge and description of the lands
S	to which water has been applied and name of the owner thereof
SN.14. NR. Sec. 9 T. 12N	R.25 E
Indicate point of appropriand place of use, if possible.	riation Engli
small square represents 10	acres. 6. The means of vithdrawing such water from the ground and the location of each well or other means of withdrawal.
	In the past was withdrawn with a windmill but in
	the future can be withdrawn by electric pump se RKA rower line is immediately adjacent.
	ement and completion of the construction of the well, wells, or other works for with-
was cased about 4	of the 69 ft well. Belance in solid rook. Windmill used.
8. The depth of water tab	le About 30 ft
9. So far as it may be a	vailable, the type, size and depth of each well or the general specifications of any other
works for the withdraw	al of groundwater 5" casing used for about 40 ft set in concrete
	of groundwater withdrawn each yearabout 200 gellons per day for 14 year
	encountered in the drilling of each well if evailable
	······································
	of a similar nature as may be useful in carrying out the policy of this act, including page of any county record. This well not on record. Natur is safe for
"human consumption	d-will used for livestook in the future.
	Signature of Owner By
	DateDecember 311963
	Part Amilian Control of the Control

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

State of Montana, County of Fergus. ss. Filed DEC 3 1 1963

Filed U

o'clock & M.
MAY RATHBUN
County Clerk and Recorder

Approved Stock Form-State Publishing Co., Helena, Muntana-42234 GW -17945 T/2R 23 File No. DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights TE ENGINEER (Under Chapter 237, Montana Session Laws, 1961) 1 Lenne of Appropriator) (Address) (Name of Appropriator) MONTAN FORGUSState of County of have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as foilows: 2. The beneficial use on which the claim is based House WATER AND STOCK WATER. 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Both wells well a DUG COND DRILLED) IN The EARLY 1930'S USED SINCE TEN. 4. The amount of groundw-'er claimed (in miner's inches or gallons per minute) No 1 DCA. 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NoT OSED FOR NN4 Sec 23 T. 12 R. 23 1 RRIGATION Indicate point of appropriation and place of use, if possible. Each 6. The means of withdrawing such water from the ground and the locasmall square represents 10 acres. tion of each well or other means of withdrawal By pumps. 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 8. The depth of water table ONE WELL (house) 30FT. Other 20FT. 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater #12455 CEMENT CASING

100 PX STOCK WATER WELL GOTS DRILLER PRESENT DEPTH APPROX 45 FT, CASED WITH GEASI 10. The estimated amount of groundwater withdrawn each year ON Ke house withdrawn each year ON Ke house with Just OR STOCK well FOR watering in win Tee.

11. The log of formations encountered in the drilling of each well if available. DON'T KNOW:

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Serville & Close

Date Dec 3/1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

COPY

State of Montana, County of Fergus.

Filed JAN 1 4 1964 19

LO: 0.0 o'clock A.M.

Way Rathlyn

County Clerk and Recorder

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County F	ERGUS	

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

N	WAT	ER WELL LO)G	UU . gr	<u> ツ</u>
	owner KENNTH	ABBOT	7 Add	STATE ENGIN	NG EMONT
Г	oriuer JOE KOM	BOL	Add	ress BOX F78 A	OUN DUP, MOI
	Date Started 5 - 15			•	
	ocation: Sec3.37			•	
Type of well (r	RILL 5 O lug. driven, bored, or drilled)	Equipmen	t used	CHURN (Churn drill, rotary, oth	er)
Water use: Domestic	Municipal		Stock 🛛	Irrigation	
Industrial	Drainage		her:		
Casing:ft	to 270 ft.	туре 20 2	nge Holes	ze6	*****************
Casing:ft	, toIt.	Туре	8i	ze	***************
Casing:ft					
Perforated or Screened: F	rt	124	Ft	to ft	21/
Type of screen or perforati	ions			•••••••••••	
Static Water level, for non	-flowing well:	501		**************	feet.
Shut-in pressure, for flowi	ng well:	lb./sq	. in. on:	(date)	
Pumping water level	90 fee	t at		• •	
How tested: BALL					
Length of test	HOUR		,		
Remarks: (Gravel packir	ng, cementing, packers,	type of shut-of	f, depth of shi	it-off)	
production (•••••••		***************************************
***************************************	***************************************				**************************************
***************************************	***************************************	************************	• ********************		
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

(over)

Log of Well

Dept	h, feet	Description of Material Deillod
From	То	Description of Material Drilled
0	13	YELLOW SAND
13	17	BENTINITE
17	46	CLAY
46	115	DARK SHALE
115	120	DARK SAIND BOCK
120	124	BENT.
124	200	DARK SHALE
<i></i>	267	SANDY PARK SHALE
267	270	BENT
. <u></u>		
	!	<u>R</u> 70
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UPLICATE LOG	L			of Mon	CANA.		
Top of Ground	11.	ADMINISTR			ndwater Ngineer	CODE	
(Elev. above sea level	No.	otice of C	omple	etion o	of Grou	ndwate	er
_		Appropri			eans of TUARY 1, 19		•
_		(Under Chap					
BARKS	HALE Owner R	WLON A	RROT	Addre	RRAST	RANGE	MIN
	Driller . 1	DE KOP					
85 BENTINI		otice of appropr			_	.	_
96 DARK SH	ALE Date well s	started //		_	- •		
SE WATER	OY SHALEDO OF V		•				_
TOO HARD SAME	Water use	iven, bored or dri : Domestic	iled) Mn	(Churi nicipal 🔲	n drill, rotary Stock	or other)	ation 🔲
-		Industrial	□ Dr	ainage 🗍	Other		
	met with i	te on the diagra in drilling, such which water is er	as soil, o	elay, shale,	gravel, roc	k or sand.	etc. She
_	strata and	height to which	the wat	er rises in	the well.		
-	Sice of Drifted Hole	Size and Weight of Carling	From (Ters)	(Feet)	PR	Fren	To To
	7#	6"1.D.	0	106	4x4 5/2	(Feet)	(Peet)
_		18 GAU			FER A	5 00	,-,
~							
-		N	S	tatic Was	ter Level fe	or non-flo	wing w
-						20	fe
N / COMP			~-		ssure for Flo Vater Level.		
_	~		- ₽ ¯		gal.		
-			I)ischarge	in gal. per i	min. of flo	wing v
-					BAIL		
_	<u> </u>	8			Test	. •	
-	Sian, eac	Sec. 34 T. 12. I			shutoff)		• •
	Indicate 1	ocation of well se, if possible.	and -	Come	after f		10 mg
		are represent		,	• • • • • • • • • • • • • • • • • • • •		
			••••		ر المراجعة		., ····,
-	USE_If	used for irrigat	tion, ind	ustrial, dr	ainage or o	ther. Exp	lain, st
	nun tion	nber of acres an	d le cati o	n or other	data (i.e. : l	Lot, Block	and Ad
	##bb#4.++++	 	hai thracistopas	**************	***********	*************	*********
Show exact depth of	oottom.				**********************	************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		••			94		
his form to be prepared by driller, ounty Clerk and Recorder in the co				Drille	r's License N	umber	
etained by driller.				_	.0	Com L	

Filed DEC 27 1966 19

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Courte Clark and Recorder

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County.	melcheli —	
County	rgus	

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

		Butte, I	Montana		
		WATER V	WELL LOG		Peerless Incorporated
	Owner Wytana Ranch Division Address				1670 Penver Glub Bldg
	Driller			Address	
	Date Started			Date Co	pleted
	Location: Sec	31 T 1	28 K R 138 14	sec	
Type of well	(Dug, driven, bored, o	r drilled)	.Equipment used	(Chu	Churn Dr 111 rn drill, rotary, other)
Water use: Domestic	x	Iunicipal	Stock	**	Irrigation
Industrial		Drainage	Other:	***************************************	
Dasing:	ft. to	ft. Type	9	Size	
Casing:	ft. to	ft. Type	9	Size	
Casing:	ft. to	ft. Typ	e	Size	
Perforated or Screened	; Ft	to ft	Ft		to ft
Type of screen or perfor	rations				
Static Water level, for 1	non-flowing well:		•••••	•••••	feet
Shut-in pressure, for f	lowing well:		lb./sq. in. on	ı :	
Pumning water level		feet at		ga.	(date) l. per min
				_	
Length of test					
•					
Remarks: (Gravel pac	king, cementing,	packers, type	or shut-off, depun	or shuc-on	• •
			•• • • • • • • • • • • • • • • • • • • •	••••••••••	
•••••••••••••••••••••••••••••••••••••••	*******************************		•••••••••••••	•••••••••••	
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	••••••••••		** ************************************	•••••	

Hytana Sattle Company
Pronghorn Ranch
Section 1934 T12N, R 23E
Musselshell County, Montana

LITHOLOGIC LOG

- 0 20 Limestone, pale pinkish-white, dense and hard. 5-10 Same with pale greyish-buff 10-15 Same with incresse of pink color
- 20 = 40 Limestone, pinkish-grey, buff to pinkish grey with spots and fragments of black to brown fosziliferous material. Ostracods with calcite centers in hard dense limestone.

 25-40 Same with more pale pink-buff color and more ostracods.
- 40 45 Limestone, soft, poorly crystalline to hard, buff to pale pinkish-white with pale rose colored calcite crystalls scattered thru out. Zones of purple calcite and some dark purple-grey silty limestone.
- 45 60 Limestone, dense, irregularly mottled buff and purple.
- 60 = 75 Limestone, pale greyish-buff, dense and hard.
 65-70 Same with ostracoda
 70-75 Same with pieces of dark purple-grey, silty limestone.
- 75 80 Limestone, mottled purple & grey-buff and hard; plus silty, light brown limestone; with irregularly crystalline, dense buff limestone with yellow limonite stain.
- 80 85 EXX Claystone, grey, limy and loaded with very fine, varicolored siltstone and limstone fragments and ostraceds.
- 85 105 Limestone, mottled purple and grey with many ostraceds and zones which are soft and silty.

 90-95 Same and also dense, grey-buff with dark purplish-brown ostraceds.

 95-100 Same
 100-105 Same but darker grey and with light brown estraceds.
- 105 110 Limestone, grey-buff, dense and with hard darker brown-buff ostracods.
- 110 115 No sample saved. (Was black, silty limestone ?)

MERBERT D MADLEY
CONSULTING SECLOSIST
STICINGS MONTANA

- 115 120 Limestone, dark brownish-black, finely crystalline, with flaky fractures and ostracods.
- 120 = 130 Shale, very thin laminae, entirely black and carbon-accous, with zones of clear white and yellow calcite crystals.

 125-130 Same with some dense dark brown-black to black limestone with some limenite stain.
- 130 145 Claystone, red and sticky with somes of reddish-brown dense limestone.

 140-145 Same and lighter pink-buff. Many pieces of pyrite and some red siltstone and red-brown, dense limestone.
- 145 150 Siltstone, mottled carbonaceous black and grey-buff, limy.
 Also with dense dark grey-brown limestone lense and seme
 pyrite.
- 150 155 Limestone, black with sandy, grey-buff spots and patches; some soft, silty somes.
- 1.55 165 Sand, black; composed of tiny rouded fragments of black, silty limestone and many tiny rounded fragments of varicolered limestone as well as a few pieces of crystalline calcite; also an occasional angular to subsdral grain of quarts.
- 165 170 Limestone, silty, dense, dark brownish-black and drills up in very small fragments.
- 170 175 Same black sand as 155 165. Total Depth.

MERBERT D. HABLEY CONSULTING GEOLOGIST GROUNDWATER INDEX

Page / of /

County Jurgus Twp. 12 % Rge. 24 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	Kari frann Charles 7.	8774	17159	-
2	Karedman Charles 7.	9 W4	17158	
0	Karlmann Charles 7	17r4.	17157	, -
19	affeth Kennth	242	28293	
23	affett Derell	Weter Well Lag	6611	
33	appett, Darrell	14 W4	17144	
28	Draw Rasch Co.	1m2	39975	
28	Green Ranch Company	Water Vall Log	8062	
18	Graves Reach Co	1944	17204	·
9	affett, alien	Vater Well Lag	6547	
33	Drance	Water Will Log		. •
23	Draves Rasch Company	Water Melong	6909	
35	Dranes Ravel Congany	Water Welding	6407	
7/-	Partes 111 4 hos	Well 109		
		•		
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			<u> </u>	
	<u> </u>	<u> </u>		

Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) 1. CHARLES F. KAUPMANN of Grass Range (Name of Appropriator) County of Fergus State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: 2. The beneficial use on which the claim is based stock water 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 - continuously			
DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) CHARLES F. KALPHANN Of Orang Range (Name of Appropriator) County of Farrage have appropriated groundwater according to the Montana laws in effect prior to January 1, 1862, as follows: The beneficial use on which the claim is based. **State of Montana **Amtana** **Amt	3 ^{/**} \	n	Approved Stock Form—State Publishing Co., Helena, Montana—39089
Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) CHARLES F. KAUPMANN (Name of Appropriator) County of Serbia State of Hontana Session Laws in effect prior to January 1, 1962, as follows: 7. The beneficial use on which the claim is based. 8. The depth of sappropriation of the lands to which water has been applied and name of the owner thereof not use, if possible. Sach small square represents 10 acres. 8. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater. 130 feet 130 feet 130 feet 151 The estimated amount of groundwater withdrawn each year 15,000 gallons per year.	File No	5	T_12R_24
Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) 1. CHARLES F. KAUPPANN (Name of Appropriator) County of Grass Range (Nound of Appropriator) County of State of Montana Nound of Appropriator (Address) 2. The beneficial use on which the claim is based. Back water 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 - continuously 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10. Gallons per minute 11. The amount of groundwater claimed (in miner's inches or gallons per minute). 12. The beneficial use on which the claim is based. 13. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 - continuously 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 13. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not use, if possible, Sach small square represents 10 cress. 13. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 13. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 13. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 13. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 13. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 13. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 13. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 13. The date of commencement and completion of the construction of the wel	DUPLICATE		County. Fergus
Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) STALE LINGUIST (Name of Appropriator) County of Resigna State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: 2. The beneficial use on which the claim is based			·
(Under Chapter 237, Montana Session Laws, 1961) CHARLES F. KAUPMANN (Name of Appropriator) County of Fergus State of Mentana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1862, as follows: The beneficial use on which the claim is based. Stock water 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 - continuously 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 gallons per minute 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof use, if possible. Sach small square represents 10 teres. 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 130 feet 130 feet 140 feet 150 feet		Administi	RATOR OF GROUNDWATER CODE
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12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Date Dec. 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

State of Montana, County of Fargus.

Filed DEC 27 1963 19 44 3:50 o'clock J. M.

Usey Glathur

County Clock and Recorder

17158		Approved Stock Form—State Publishing Co, Helena, Montana—39089
e No	× , ≠	
	ADMINISTRA:	County Fergus CATE OF MONTANA FOR OF GROUNDWATER CODE E OF STATE ENGINEER UEC 3 0 1968
		Vested Groundwater Rights 237, Montana Session Laws, 1961) STATE ENGINEERS
CHARLES F. KAUFMANN		(Address) (Town)
(Name of Appro	pristor)	(Address) (Town) State of Montana
have appropriated groundwa	ter according	to the Montana laws in effect prior to January 1, 1962, as follows:
N .		The beneficial use on which the claim is based
	3.	Date or approximate date of earliest beneficial use; and how continuous the use has been 1895 - continuously 1887 - continuously - applies
	- E 4.	The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 gallons per min.
		all - spring
######################################		If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 80 acres hay land - Tharles F. Kaufmann woring - 200 acres hay land
dicate point of appropriation d place of use, if possible. ich small square represents 10	6.	The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
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The date of commencement drawal of groundwater	and completion 189 100 fee	n of the construction of the well, wells, or other works for with- 1887 It surface spring ize and depth of each well or the general specifications of any other 10" casing 100 feet deep pump
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The date of commencement drawal of groundwater	and completion 185 100 fee	n of the construction of the well, wells, or other works for with- 1887 LEST ENTIRE Spring ize and depth of each well or the general specifications of any other 10" casing 100 feet deep pump
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

State of Montana, County of Fargus,

Filed DEC 27 1963

19

3.51 o'clock P.M.

Commy Gerk and Recorder

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Signature of Owner Date Page 37, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

COPY

State of Moniana, County of Fargue 3s.

Filed NEC 27 1963

at 3:50 o'clack P'M.

Ling Author

County fierk and Recorder

	DEC 15 1966 T. J. 2 R. 2 4 DEC 15 1966 Cont. F.O.C.U.S.
	COUNTY AT BOTTOM ATTA
	ADMINISTRATOR OF GROUNDWATER CODE
- I D	School and
(Elev. above sea leve	Appropriation by Means of Well
12 CLAY	DEVELOPED AFTER JANUARY 1, 1962
GRAVEL	(Under Chapter 237, Montana Session Laws, 1961)
18 CLAY	Owner KENNETH ABBOTTAddress GMSS RANCE MA
26 GRAVEL	Driller JOE KOMBOL Address ROUNDUP MO.
	Date of Notice of appropriation of groundwater
34 DRAK SAN	OY SHALFate well started 6-7-66 Date completed 6-21-66
LU LARA TANE	ROCK Type of well. FRILLED Equipment used CHURN (Churn drill, rotary or other)
יייינ טרייוק	Water use: Domestic Municipal Stock I Irrigation
YS SHALE	Industrial Drainage Other Indicate on the diagram the character and thickness of the different str
- TER	met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Sh depth at which water is encountered, thickness and character of water-bear
- MK,	
-]	Size of Size and From To PERFORATIONS Drilled Weight (Feet) (Feet) Kind From To
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_	6" 70 45 15 MANE
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_	N Static Water Level for non-flowing w
-	Static Water Devel for Hon-Hinwing
-	Shut-in Pressure for Flowing Well
	Pumping Water Level
~	Discharge in gal, per min. of flowing w
-	How Tested
-	Length of Test.
_	Remarks: (Gravel packing, cementing, pa
_	Indicate location of well and 35 set and account
	place of use, if possible. Each small square represents 40
-	acres.
	(Continue on reverse sie
_	USE_If used for irrigation, industrial, drainage or other. Explain, at number of acres and location or other data (i.e.: Lot, Block and Ad
-	tion).
-	**************************************
Show exact depth of	bestom.
is form to be prepared by iriller	r, and three copies to be filed by the owner with the
	county in which the well is located, tissue copy to be Driller's License Number
	ot applicable, so state, otherwise the form will be

28293 CO: Y

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PHod DEC 1 4 1966

O'clock J.M.

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County Clork and Recorder

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Form No. 18 8-60		т. /2	R. 24	
		County #	1412	
	MONTANA BUREAU OF MIN Butte, Mont	NES AND GEOLOG		
	Water Well	Log	STATE ENGINE	EER
	Owner DARRELL Driller JOE KON Date Started 8-23-	DOL Addre	Completed 8-2	4-6
	Location: Sec. 7 T.	/2 R. 24	4 sec. NW	CACE
Type of well (5	RILED Equ:	ipme t used	Churn, drill, rotary, of	ther)
Water use: Don	mestic Municipal	Stock X	Irrigation	
Indus	strial Drainage			
Casing:	ft. to <u>74</u> ft. Ty	pe Baluaria	Size to in	du
Casing:	ft. toft. Typ	71		
Casing:	ft. toft. Ty	pe	Size	
Perforated or so	ereened: Ft. 9 to ft.	24. Ft.	to ft	
Type of screen of	or perforations	v. that	es - 6 per	It.
Static water lev	el, for non-flowing well:	10	Ű,	feet.
Shut-in pressure	e, for flowing well:	lb./sq. :	in. on:	
Pumping water le	evel 15 feet at			
Length of test_				
Remarks: (Grave	el packing, cementing, pack ut-off)	kers, type of	shut-off, depth	of

(over)

E 1

Log of Well

Depth, feet From To Description of Material Drilled O S S S S S S S S S S S S S S S S S S	
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8 31 Druel	
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PLICATE	County
A	STATE OF MONTANA DMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER tion of Vested Groundwater Rights DEC 3 0 1968 ander Chapter 237, Montana Session Laws, 1961) STATE ENGINEER
Declarat	tion of Vested Groundwater Rights DEC 3 0 1968
(Uz	nder Chapter 237, Montana Session Laws, 1961) STATE Elva
Darrell Abbott (Name of Approp	oriator), of 1412 W. Water St. Lewistown (Address) (Town)
County of Fergus	State of Montana
nave appropriated groundwater	according to the Montana laws in effect prior to January 1, 1962, as follows:
	2. The beneficial use on which the claim is based wall house use
	spring, stock water
	3. Date or approximate date of earliest beneficial use; and how continu
	ous the use has been continuous use
	E E
	4. The amount of groundwater claimed (in miner's inches or gallon
X	per minute)
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	to which water has been applied and name of the owner thereo
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dicate point of appropriation d place of use, if possible. Each all square represents 10 acres. The date of commencement a drawal of groundwater191	to which water has been applied and name of the owner thereo none 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pumping for the well. Gravity on the spring
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Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

DUPLICATE

File No.

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to 22)

to

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to

shale

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shale grading to sandy shale

stale white specks

sand grading to sandy shale

of sand to hard sand

Sand of good purosity

LOG

County Pergus

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION BOARD

Top of Ground 0 Notice of Completion of Groundwater to (Elev. above sea level..... 7ft surface wash Appropriation by Means of Well to DEVELOPED AFTER JANUARY 1, 1962 201 . gravel (Under Chapter 237 Montana Session Laws, 1961, as amended) to 23 sticky shale Owner....Craves Ranch Co......Address....Roundup. Mont...

Driller Munson Drilling Co. Address Grass Range, Mont

Date of Notice of appropriation of groundwater not applicable

Date well started April 11,1970 Date completed April 20, 1970

Type of well drilled Equipment used rotary (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Intrigation Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Weight	(Feet)	(Feet)	•	Perforation	5
of Casing	0 23	23 259	Kind Size	From (Feet)	To (Feet)
o.y#galv.	U	252	reg.	220	SfO
	of Casing	of Casing	of Castrag	of Castne 0 23 Kind Size	of Casing 0 23 Kind From (Feet)

						
		א		Static Water I	Level for non-f	lowing we
Doc. No. 39975 Filed for record		*	E	Pumping Water	e for Flowing V Levelgal. per minu	fee
this 8 day of 1.14 A. D. 19 70, at 19:00 o'clock 2 M.	70			How Tested	ol. per min. of f	
		s N		Remarks: (Grav	el packing, ceme	nting, pack
	place of use	ation of well , if possible.	l and Each	surface th	off).comente ro mud pun of certor	p_using
	small sque	re represent	six s	at 220 , 2 ks cement v	catcher pa 90, 180 and sed for lo	d-60£t.
			stin	rga	(Continue on r	everse side
	numb tion).	er of acres an	id locat	ndustrial, drainag tion or other data	(i.e.: Lot, Block	k and Add
	***************************************	******************	******	, ;	7. T. J	***********
Show exact depth of bottom.	***************************************	*****************	*******	ه د د د د د د د د د د د د د د د د د د د		*********

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

'lease answer all questions. If not applicable, so state, otherwise the form will be sturned.

Driller's License Number

Driller's Signature.

46659

County of Fergus. ss.

Filed JUL 8

Filed 9:40 o'clo 1970

大学 アンダーを見ると聞いなか 中山田のは中では、大小の日本

Form No. 18 8-60 County_ MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana STATE ENGINEER Water Well Log Owner Address Address Driller_____Address__ Date Started James Date Completed_____ Location: Sec. $\mathbb{T}_{\cdot 12}$ $\mathbb{R}_{\cdot \cdot \cdot \cdot}$ $\mathbb{R}_{\cdot \cdot \cdot \cdot}$ $\mathbb{R}_{\cdot \cdot \cdot \cdot}$ sec. ____Equipment used___ Type of well_ (Dug, driven, or drilled) (Churn, drill, rotary, other) Stock Irrigation Water use: Domestic | Municipal Industrial Orainage Other____ Casing: 0 ft. to 175 ft. Type Size Casing: ft. to ft. Type____Size___ Casing: ____ft. to ____ft. Type____Size___ Perforated or screened: Ft. to ft. Ft. to ft. Type of screen or perforations_____ Static water level, for non-flowing well: ______feet. Shut-in pressure, for flowing well:_____lb./sq. in. on:____ Pumping water level _____ feet at ____ gal. per min.____ How tested: Length of test tours Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Tis is a clared and o to the confit to

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File No.

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DUPLICATE

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County FERGIS

ADMINISTRATOR OF GROUNDWATER CODE DECE TO EIN OFFICE OF STATE ENGINEER

[N] JAN 2 1964

Declaration of Vested Groundwater Rights TATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appr	of Country Montana (Town)
Comme of Magalian	ropriator) (Address) (Town) LL State of Montana
have appropriated ground	lwater according to the Montana laws in effect prior to January 1, 1962, as follows:
lows:	water according to the monana laws in effect prior to adiatily 1, 1502, as to
	2. The beneficial use on which the claim is based
	stock water & irrigation
┟╍╌┞╼┼	3. Date or approximate date of earliest beneficial use; and how con
2	tinuous the use has been
	eld well - alsee 1925
	- E
 	4. The amount of groundwater claimed (in miner's inches or gallon
	per minute)
	per minute)
	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner
8	· · · · · · · · · · · · · · · · · · ·
	thereof and acrouse
	Graves lanch Co.
ndicate point of appropriat	
nd place of use, if possib	
ach small square represents	10
cres.	location of each well or other means of withdrawal

	nt and completion of the construction of the well, wells, or other works for with
The date of commenceme drawat of groundwater	nt and completion of the construction of the well, wells, or other works for with
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

State of Montana, Cauna; of Fargus. 30 1963 Filed.

10:00 o'clock &: M.

Way (Rathlus)

I erk and Recorder

Form No. 18 8-60 County FERGUS MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana N STATE ENGINEER Water Well Log Owner ALVIN ABBOTT Address GRASS RANGE MONI Driller JOE KOMBOL Address POULLOUP MONT Date Started P-71-61 Date Completed 8-23-6 Location: Sec. 29 T. 12 R. 24 4 sec. NW GENE (Dug, driven, bored, or drilled) Type of well Equipment used CHURN (Churn, drill, rotary, other) Stock Irrigation Water use: Domestic Municipal Industrial Other Drainage ____ Casing: 0 ft. to 59 ft. Type 19 L RER FT Size 6 10 (KOD Casing: ft. to ft. Type Size_ Casing: ____ft. to ____ft. Type Size Perforated or screened: Ft. to ft. Ft. to ft. to ft. Type of screen or perforations_____ Static water level, for non-flowing well: Shut-in pressure, for flowing well: 5 lb./sq. in. on: 8-23-6/ Pumping water level ______feet at _____gal. per min._____ How tested: Length of test_ Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Log of Well

Depth, fo	To	Description of Material Drilled	
0 6 18	6 18 57	SURFACE ERAVEL SHALE	
59	80	SANDSTONE SHALE	
			\ \ \ \ \
		EP 6 1961 Charly Clerk and	6547
		nd Recarder	100

	Samuel Control	•	13
Form No. 18			
8-60		т12	R <u>24</u>
		County FE	REUS
A	MONTANA BUREAU OF M Butte, Mo		DECEIVED
N	Water Wel	l Log	STATE ENGINEER
	Owner GRAVES		
	Driller JOE KO	_	•
×	Date Started 8-18 -		
	Location: Sec. 33 T.	12 R. 24	sec. NE OF SE
Type of well	DRILLED Equation Dug, driven, bored, or drilled)	uipment used(CHURN Churn, drill, rotary, other)
Water use: Do	mestic Municipal	Stock 🔀	Irrigation
	strial Drainage		
Casing: 0	ft. to 70 ft. 1	ype 2 GAUGE GAL	Size ("
Casing:	_ft. toft. T	Type	Size
Casing:	_ft. toft. I	Type	Size
Perforated or s	creened: Ft. 44 to ft	. <u>67</u> . Ft	to ft
Type of screen	or perforations FACT	TORY SCREE	N (DEMPSTER)
	vel, for non-flowing well		
Shut-in pressur	e, for flowing well:	lb./sq. in.	on:
	evelfeet at		•
How tested:	BAILER		,
Length of test_	<u> </u>		
Remarks: (Grav	el packing, cementing, pa ut-off)	ackers, type of sh	nut-off, depth of

(over)

Log of Well

Depth, From	feet To	Description of Material Drilled	
0	8	SURFACE	
8	23	GRAVEL	
23	35	YELLOW CLAY	
35	50 55	VELLOW CLAY DARK SHALE	
50	55	SANDY SHALE SANDSTONE	
55	62	SANDSTONE	
62	70	PARK SHALE	
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			6548
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Form No. 18 8-60

				33/
Т	12	R.	214 17	
County	Ferrus_			

	MINES AND GEOLOG Montana	34
Water V	Well Log	STATE COUNTER
Owneranch Go	neny Addre	ess Acurdum, catana
Driller Jon compol	Addre	ess <u>acerdino. contena</u>
Date Started August	8 1081 Date	Completed 6/19/61
Location: Sec.	T. 12 R. 24 N	1 sec. SE
Type of well irilled (Bug, driven, bored, or drilled)	Equipment used	(Churn, drill, rotary, other)
Water use: Domestic Municipa		•
Industrial Drainag	.	
Casing: 0 ft. to 70 ft.	Type 20 ja.	Size 6"
Casing:ft. toft.	Type	Size
Casing: ft. to ft.	Туре	Size
Perforated or screened: Ft. 35 to	ft. 70 . Ft.	to ft
Type of screen or perforations	mised perforated	ce sing
Static water level, for non-flowing w	211:24	feet.
Shut-in pressure, for flowing well:	1b./sq.	in. on:
		•
Pumping water level 60 feet	at / g	al. per min.
How tested: Famo		
Length of test 1/ home		
Remarks: (Gravel packing, cementing, shut-off)	packers, type of	shut-off, depth of

(over)

Log of Well

Depth,	feet		
From	To	Description of Material Drilled	
9	si ^s	corface]
	23	Gr (Wel	1
23	_35	Yellon Clay	1
35	5.0	Serk Theld	1
50	57	Gendy le le	$\frac{1}{2}$
55 €	52	teand i tone	4
62	70	Jark , bale	4
			$\frac{1}{2}$
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			4
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<u>l</u> .			<u>.</u>

Form No. 18 8-60

	County
MONTANA BUREAU OF MI Butte, Mon	INES AND GEOLOGICE IVE
Water Well	STATE ENGINEER
	ny Address Roundup, Montana
Driller Date Started Location: SecT.	Date Completed 1.15.44
Type of well [Dug, driven, bored, or drilled] Equ	(Churn, drill, rotary, other)
Water use: Domestic Municipal Industrial Drainage	
Casing: ft. to 7 ft. Ty	vpeSize
Casing:ft. toft. Ty Casing:ft. toft. Ty	
Casing: ft. to ft. Ty	ypeSize
Perforated or screened: Ft	
Static water level, for non-flowing well: Shut-in pressure, for flowing well:	
Pumping water level feet at	gal. per min.
How tested:	
Length of test	
	ckers, type of shut-off, depth of
(over)	

Log of Well

	2 .	
From	feet To	Description of Material Drilled
Ó	16	SKAVEL
16	26	SKAVEL VELL W CLAY SKAY KUCK PENTINITE BLACK RUCK
2/	20	SAAK KUCK
3	33	PENTINITE
30	3 7	BLACK ROCK
····		
		2 00
		4 27 6
		18 6 6 6
		82 € 33
		Cont. 0 1989
		1342
		70
		4 C

GROUNDWATER INDEX

Page __/_ of __/

County Jerges Twp. 1176 Rge. 16 E.

Sec.	Name of Appropriator	Typ2 of Form	County File No.	Remarks
3	Raw Buston T. & Frances E	5 m4	9633	-
3	Raw Butata Ta France E	12 WH	9660	
3	Row Buter Ta France &	1m3.	9631	
4	Nickel B. A.	274	11721	
4	nickel B. A.	2m4	11722	•
8	Peterson Erlina	1214	16130	
9	Peterson Erling	274	16131	
//	Raw, Burten T. Transcate	2 W4	9659	ų.
16	Marc D. D.	2244	17072	
20	United State and america	17W4	9274	
21	Grave D. A.	DW4	17073 -	•
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<u></u>		 		

9633 File No.

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T	1
County	- 15

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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STATE ENGINEER

County of	priate	d gro		riator) K RCIS ater accordi	(Address) (Town) State of HITTATA ing to the Montana laws in effect prior to January 1, 1962, as for
	No. I	₩O.	2		
		00		2.	. The beneficial use on which the claim is based
	1			3.	. Date or approximate date of earliest beneficial use; and how co
				E	tinuous the use has been on Well No. 1, June, 194 and on well No. 2, July, 1944; use on boti wells has been continuous;
			 -	4.	. The amount of groundwater claimed (in miner's inches or gallo
	-				per minute) 8 gallons per minute, four gallon from each well;
	8			5.	. If used for irrigation, give the acreage and description of t lands to which water has been applied and name of the own
o t 2 ¼ Sec.	3 7	11	R 16		thereof Lot 2 of Section 3, T. 11, R. 16; BURTON T. RAW & FRANCES E. RAW
icate point					
					•
•	are re	-prese			location of each well or other means of withdrawal
licate point d place of ch small squ res.	use,	if po	ssible	. 6.)	The means of withdrawing such water from the ground a location of each well or other means of withdrawal well and flows continuously the formation to supply presents for design to a purp lack to oring water to st

- drawal of groundwaterwell No. 1, June, 1944 and Well No. 2, July, 1944.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well No. 1 is an artesian well, 60° deep with 60° casing, flows by itself and a pump is used at the surface to supply pressure so that water can be used for domestic purposes and fill tank for livestock; Well No. 2 has a pump jack to bring water to the surface, to be put in tank for stock purposes;
- 10. The estimated amount of groundwater withdrawn each year .4,204,800 gallons
- 11. The log of formations encountered in the drilling of each well if availablenone evaluable
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including

Signature of Owner. Thanks &

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

State of Municipal, County of Fergus.

\$7 (1) (1)

File No. 9660

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961)

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S	i	7	3	i.	;_		1-	į	N	÷	<u>.</u>	R

BURTON T. RAW & FRANCES		of BOX 75	CARNETIL
(Name of Appropriator		(Address)	(Town)
County of have appropriated groundwater ac	ecording to t	he Montana laws in effect pri	or to January 1 1069 or fo
lows:	cotumning to t	ne montana iawa m enect pir	or wo candary 1, 1902, as it
N			• • •
		eneficial use on which the cla	
	23	rigation and stock wat	25
	3. Date	or approximate date of earliest	beneficial use; and how co
		us the use has beenOn	
Na T.	.opl	Hell No. 2, June, 194 been continuous	3; use on both we
Np.2			
	4. The a	mount of groundwater claimed	(in miner's inches or gallo
	per n	ninute) . 8 . gallons . per . n	inute, four gallor
	.	com each well	
	5. If use	ed for irrigation, give the acr	eage and description of t
B		ed for irrigation, give the acr to which water has been app	
•	there	of RELEWA of Section.	3, 7, 11, 18, 16,
1/5Wt Sel T.11 R 16	.BUSC	don t. Ran & Frances	I. IM
licate point of appropriation	**********		
d place of use, if possible.	6. The n	neans of withdrawing such wa	ter from the ground and t
ch small square represents 10		on of each well or other mean	
i Ca.	.pess	ps on both wells of 3 scity	on gallons per bo
	•	•	
The date of commencement and commencement			
drawal of groundwater On Wel	rggog.	1915,andon.WellNo	, 2, June, 1943;
**************************************	10 1 A	El. Walt was 9 pol	
The depth of water table Well	BO. 1, 4.	3 ! METT NO. Y' On.	
So far as it may be available, the	tvne, size and	depth of each well or the a	reneral specifications of a
other works for the withdrawal of	groundwater	rBoth wells are um	med.by300.gallon.
per hour pump with 6"	de la	epth of Well Bo. 1, 4	5 and depth of
Hell No. 2, 80";			
•	• • • • • • • • • • • • • • • • • • • •		
PMn national amount of mountain		num such warn A 20A Gr	M pallane
The estimated amount of groundy	vater withdra	awn each year	
The log of formations encountered	in the drillin	ng of each well if available	none available
•	*************************		······
Such other information of a similar			
reference to book and page of any	-	7.0	

		Signature of Owner	

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

COPY 9660

Louising of Fergus

File No...

(A)

Approved Stock Form-State Publishing Co., Helena, Montana-38496

T 1 N R 16E

County FERGUS

DUP'LICATE

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Notice of Completion of Groundwater Appropriation NGINEER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

		Date of Appropriation of Groundwater1900
		Owner BURTON T. RAW Address GARNEIL. HANSANA FRANCES E'. RAW Contractor (if any)
		Address of Contractor
		Date Started. Date Completed. 1900
	N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	Ø	water when applicable Spring that comes to the surface and flows thereon for a short distance; the spring flows continuously
₩	•	
		Quantity of water developed and used with explanation of method used to measure or estimate such amou. t. If use is intermittent
	Lot 2	estimate approximate lengths of periods of use
	Management of Sec. 3 T 11R 16 Indicate point of appropriation and place of use, it possible.	Approximately ten gallons per minute; used continuously by stock for drink- ing purposes and thereafter seeps back into the ground; estimated amount con-
		ing other wells and knowing the flow
		Signature of Owner France & Care
		Date

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder: duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

T " () R V V County TARCINA

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights ALE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

B. A. NICKEL	of GARNEILL MONTANA
(Name of Appropriator)	(Address) (Town)
ounty of FERGES ave appropriated groundwater accord	ding to the Montana laws in effect prior to January 1, 1962, as follows:
N.	
	2. The beneficial use on which the claim is based
	Household water
	3. Date or approximate date of earliest beneficial use; and how con-
	tinuous the use has beenSeptember, 1947
• B	
	4. The amount of groundwater claimed (in miner's inches or gallons
	per minute)87,500 gs llons per year
	5. If used for irrigation, give the acreage and description of the lands
8	to which water has been applied and name of the owner thereof
MANERA W I W/6	Not used for irrigation
Sec. 4 T/1 R/6	
ate point of appropriation place of use, if possible.	
place of use, if possible. small square represents 10	6. The means of withdrawing such water from the ground and the
Billan Bduere telvesene To	location of each well or other means of withdrawal
The depth of water table	pe, size and depth of each well or the general specifications of any other
The depth of water tableSo far as it may be available, the typworks for the withdrawal of groundw	pe, size and depth of each well or the general specifications of any other vater
The depth of water tableSo far as it may be available, the typworks for the withdrawal of groundw	6!
The depth of water table	pe, size and depth of each well or the general specifications of any other rater
The depth of water table	pe, size and depth of each well or the general specifications of any other
The depth of water table	pe, size and depth of each well or the general specifications of any other rater
The depth of water table	pe, size and depth of each well or the general specifications of any other rater
The depth of water table	pe, size and depth of each well or the general specifications of any other rater
The depth of water table	pe, size and depth of each well or the general specifications of any other rater
The depth of water table	pe, size and depth of each well or the general specifications of any other rater
The depth of water table	pe, size and depth of each well or the general specifications of any other rater
The depth of water table	pe, size and depth of each well or the general specifications of any other rater. Spring, below surface, cased with r withdrawn each year. the drilling of each well if available. vailable ature as may be useful in carrying out the policy of this act, including inty record. poveloped, cased, spring, six feet below ged tank inside concrete casing;
The depth of water table	pe, size and depth of each well or the general specifications of any other rater. Spring, below surface, cased with r withdrawn each year. the drilling of each well if available. vailable ature as may be useful in carrying out the policy of this act, including inty record. poveloped, cased, spring, six feet below ged tank inside concrete casing;
The depth of water table	pe, size and depth of each well or the general specifications of any other vater
The depth of water table	pe, size and depth of each well or the general specifications of any other rater. Spring, below surface, cased with r withdrawn each year. the drilling of each well if available. veilable ature as may be useful in carrying out the policy of this act, including only record poveloped, cased spring, six feet below sed tank inside concrete casing; Signature of Owner. Date. NOVEMBER 2, 196
The depth of water table	pe, size and depth of each well or the general specifications of any other rater. Spring, below surface, cased with r withdrawn each year. the drilling of each well if available. veilable ature as may be useful in carrying out the policy of this act, including only record poveloped, cased spring, six feet below sed tank inside concrete casing; Signature of Owner. Date. NOVEMBER 2, 196
The depth of water table	pe, size and depth of each well or the general specifications of any other rater. Spring, below surface, cased with r withdrawn each year. the drilling of each well if available. vailable ature as may be useful in carrying out the policy of this act, including inty record. poveloped, cased, spring, six feet below ged tank inside concrete casing;
The depth of water table	pe, size and depth of each well or the general specifications of any other rater. Spring: below surface; cased with r withdrawn each year. the drilling of each well if available. vailable ature as may be useful in carrying out the policy of this act, including inty record paveloped; cased spring. six feet below and tank inside concrete casing: Signature of Owner. But a November 2, 196 the County Clerk and Recorder of the county in which the well is table, so state, otherwise the form will be returned. er; duplicate to the State Engineer; Triplicate to the Montana Bureau

11721 COPY

State of Montana, County of Fergus.

Filed NOV 9 1962 19

Liab o'clock to M.

County Clerk and Recorder

820, ps

File No. 11722

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

	(2)	of GARNEILL, MONTAN (Address)	(Town)
County of FE	RGUS	State of MONTANA	Tomasone 1 1069 ee 6e
lows:	ecoran	ng to the Montana laws in effect prior to) January 1, 1902, as 10
N	2.	The beneficial use on which the claim i	s based
	J.	Date or approximate date of earliest ben finuous the use has been .Nov17.,	-
E			
	4.	The amount of groundwater claimed (in	miner's inches or gallo
		per minute) 15 gallons per m	
8	5.	If used for irrigation, give the acreage lands to which water has been applied	e and description of t and name of the owr
-		thereof	
VLYSWANEKI LA Sec. 4 T. 11 RIG			
dicate point of appropriation	•	mi	P 41
d place of use, if possible. ch small square represents 10	ъ.	The means of withdrawing such water : location of each well or other means of	-
res.		Pump: SW	iswimmi. Section
		4. Township 11 North	
		-	•
The date of commencement and cdrawal of groundwater	omplet	tion of the construction of the well, wells,	or other works for wit
drawal of groundwater	17.,	tion of the construction of the well, wells,	or other works for wit
The depth of water table So far as it may be available, the	74 £6	ion of the construction of the well, wells, 1945	or other works for wit
The depth of water table So far as it may be available, the	74 £6	ion of the construction of the well, wells, 1945	or other works for wit
The depth of water table So far as it may be available, the	74 £6	ion of the construction of the well, wells, 1945	or other works for wit
The depth of water table So far as it may be available, the	74 £6	ion of the construction of the well, wells, 1945	or other works for wit
The depth of water table So far as it may be available, the other works for the withdrawal o	74 fe	ion of the construction of the well, wells, 1945 Bet ize and depth of each well or the general dwater atell-cased, 5" 74° deep	or other works for wit
The depth of water table So far as it may be available, the other works for the withdrawal of Dril The estimated amount of grounds	74 fe	ize and depth of each well or the general execution at the general exec	or other works for wit
The depth of water table So far as it may be available, the other works for the withdrawal of Dril The estimated amount of grounds	74 fe	ion of the construction of the well, wells, 1945 Bet ize and depth of each well or the general dwater atell-cased, 5" 74° deep	or other works for wit
The depth of water table So far as it may be available, the other works for the withdrawal of Dril The estimated amount of grounds	74 fe	ize and depth of each well or the general execution at the general exec	or other works for wit
The depth of water table So far as it may be available, the other works for the withdrawal of Dril The estimated amount of grounds	74 fe	ize and depth of each well or the general execution at the general exec	or other works for wit
The depth of water table So far as it may be available, the other works for the withdrawal of Dril The estimated amount of grounds The log of formations encountered Such other information of a similar	74 fe	ize and depth of each well or the general execution at the general exec	or other works for wit
The depth of water table So far as it may be available, the other works for the withdrawal of Dril The estimated amount of groundy The log of formations encountered Such other information of a similar	74 fe	ize and depth of each well or the general dwater atell-cased, 5" 74 deep withdrawn each year 40, drilling of each well if availablenot	or other works for with the specifications of an available.
The depth of water table So far as it may be available, the other works for the withdrawal of Dril The estimated amount of grounds The log of formations encountered Such other information of a similar	74 fe	ize and depth of each well or the general water atell-cased, 5" 74" deep. withdrawn each year 40.	or other works for with the specifications of an available.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

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State of Montana, County of Fergus.

Filed NOV 9 1962 19

11:20 o'clock ft. M.

They Routh fun

County Cler's and Recorder

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40400	Approved Stock Fore-State Publishing Co., Helena, Montana-39089
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UPLICATE	County County
	STATE OF MONTANA
ADM	INISTRATOR OF GROUNDWATER CODE DECE VED
	OFFICE OF STATE ENGINEER OFFICE OF STATE ENGINEER NOV 6 1963
Declaration	on of Vested Groundwater Rights
	er Chapter 237, Montana Session Laws, 1961) STATE ENUINEER
Erling Piles	tor) (Address) (Town) State of Mariles 1 1000 at 511
(Name of Appropriate	tor) (Address) (Town) State of Market
have appropriated groundwater	according to the Montana laws in effect prior to January 1, 1962, as follows
N	
	2. The beneficial use on which the claim is based
	States
	3. Date or approximate date of earliest beneficial use; and how cor
	tinuous the use has been 1950
	E
	4. The amount of groundwater claimed (in miner's inches or gallor
X	4. The amount of groundwater claimed (in miner's inches or gallon per minute)
	5. If used for irrigation, give the acreage and description of the land
8	to which water has been applied and name of the owner there
1 E1/2 SE Sec. 8 T. 11. R. 16	
ndicate point of appropriation	***************************************
nd place of use, if possible. Each small square represents 10	6. The means of withdrawing such water from the ground and th
Cres.	location of each well or other means of withdrawal
	The paper was and the
7. The date of commencement and	completion of the construction of the well, wells, or other works for with
drawal of groundwater	1950
1 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
8. The depth of water table	Larface
9. So far se it may be available, th	he type, size and depth of each well or the general specifications of any other
9. So far as it may be available, the works for the withdrawal of gro	he type, size and debth of each well or the general specifications of any othoundwater.
9. So far as it may be available, the works for the withdrawal of gro	he type, size and depth of each well or the general specifications of any oth bundwater.
9. So far as it may be available, the works for the withdrawal of gro	the type, size and depth of each well or the general specifications of any other states of the specific that the specifi
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works for the withdrawal of gro	cundwater for for flag
works for the withdrawal of ground. The estimated amount of ground. The log of formations encounter.	dwater withdrawn each year 2,627.00 from the drilling of each well if available.
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works for the withdrawal of ground. O. The estimated amount of ground. 1. The log of formations encounter.	dwater withdrawn each year 2,627,09 from the drilling of each well if available.
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0. The estimated amount of grounds. 1. The log of formations encounter. 2. Such other information of a similar reference to book and page of an	dwater withdrawn each year 2,622,629 ed in the drilling of each well if available. disr nature as may be useful in carrying out the policy of this act, including younty record

Original to the County Clerk and Recorder; Cuplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

COP

Statu of Morniana, County of Faryus. ss.

Plied NOV 5 1963

Plied NOV 5 1963

May Cathle County Clerk and Recorder

Approved Stock Form-State Publishing Co., Helena, Montana-39089 16131 DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights NOV 6 1963 (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER (Town) (Address) (Name of Appropriator) County of State of Manuary 1, 1962, as follows: 2. The beneficial use on which the claim is based. 3. Date or approximate date of egrliest beneficial use; and low continuous the use has been 1913 Contenant Lence 4. The amount of groundwater claimed (in miner's inches or gallons 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Jack & Sandan Ja acrem Indicate point of appropriation and place of use, if possible. Each small square represents 10 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... 8. The depth of water table...... 9. So far as it may be evailable, the type, size and depth of each will on the general specifications of any other works for the withdrawal of groundwater. 10. The estimated amount of groundwater withdrawn each year...... 50.0, and 11. The log of formations encountered in the drilling of each well if available..... 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...... Signature of Owner Callana All Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned. Original to the County Clerk and Recorder; dr.plicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

State of Montana, (aunto of Fergus) 58.

Filed 10V 5 1963 19—

Way Restly Clerk and Records.

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File No. 9659

DJPLICATE

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County		, · .	()	

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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· · · · · · · · · · · · · · · · · · ·	S E. RAW	of BOX 75	CARMETLL
(Name of Appropriato		(Address)	(Town)
have appropriated groundwater a lows:	eccording to t	he Montana laws in effect p	rior to January 1, 1962, as fol-
No. T			laim is based used for
	3. Date	or approximate date of earlie	st beneficial use; and how con
		nd Well No. 2, June	1951; use on both
A02	4. The a	mount of groundwater claime	ed (in miner's inches or gallons
	<u>£</u> r	om May 1 to Sept. 1 four gallons per mi	5 gallons per minute each year; Well No. nute year round
5	5. If use lands	ed for irrigation, give the a to which water has been a	creage and description of the owner owner of the owner own
withink w ₁₄ set _{ec.} 11 _T 11 _R 16	there	of	
dicate point of appropriation and place of use, if possible.	6. The n	neans of withdrawing such v	vater from the ground and the
ach smail square represents 10 cres.	bot	on of each well or other ments to walls pumped by 3 pumped by 3	
drawal of groundwater			
So far as it may be available, the	of groundwate	r Both wells	-bave-a-pump-jack-vi
6" casing; pumps on be of Well No. 1, 83 and	l depth of	Wall No. 2, 200	
of Well No. 1, 83 and The estimated amount of ground	water withdra	awn each year3.39&	. 400
of Well No. 1, 83 and	water withdra	awn each year3.39&	. 400
of Well No. 1, 83 and The estimated amount of ground	water withdra	awn each year3.39&	. 400
The estimated amount of ground The log of formations encountered	water withdrain the drilling ar nature as a	awn each year	hoos available the policy of this act, including
The estimated amount of ground The log of formations encountered	water withdrain the drilling ar nature as a	awn each year	none available the policy of this act, including
The estimated amount of ground The log of formations encountered	water withdrain the drilling ar nature as a	awn each year	hoos available the policy of this act, including

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

County of a styles