	ADMINISTRA	County FATE OF MONTANA TOR OF GROUNDWATER CODE E OF STATE ENGINEER JAN 8 1994
	Declaration o (Under Chapte	Vested Groundwater Rights 237, Montana Session Laws, 1961 ATE ENGINEER
1. Č	County of Radau	State of (Address) Wyo (Town)
	have appropriated groundwater according lows:	ng to the Montana laws in effect polor to January 1, 1962, as fol-
Γ		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
, -	E	25 yrs
	9% / 4.	The amount of groundwater claimed (in miner's inches or gallons per minute) July 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
E	4 Sec. 34 T/M R 37E	thereof Gurden at site
Ind and Eac	licate point of appropriation	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 comple drawal of groundwater	tion of the construction of the well, wells, or other works for with-
	_	
9.	So far as it may be available, the type, so other works for the withdrawal of grounds.	
0.	The estimated amount of groundwater	withdrawn each year
1.	The log of formations encountered in the	e drilling of each well if available
		ure as may be useful in carrying out 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.

STATE OF MONTANA County of Big Horn strument was filed in my office at Hardin, Montana, this DEC 3 0 1963

County Recorder

esuple Deput

RECEIVED

3 GW 2 Revised 1969

JUL & 1973

County Big Horn

DRILLER'S LOG

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE AND CONSERVATION OF NATURAL Indicate the character, color, thickMONTANA WATER RESOURCES BOARD COURCES AND CONSERVATION ones of strata such as soil, clay, sand,
CE OF COMPLETION OF GROUNDWATER gravel, shale, sandstone, etc. Show NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL depth at which water is found and height to which water rises in well.

	Deve	loped af	ter Januar	y 1, 1962					
(Under C	hapter 237	Montana	Session !	laws, 1961	, as amend	led)	Top of	Ground	(Elev. above sea level) 3460
This form to by the own	i er with the	2 County	Clerk and	Recorder	in the cau	filed nty in	From (Feet)	To (Feet)	
which the	well is loca	ted, last	copy to b	e retained	by driller.				log Not Available
Please answ form may b	ver all quest be returned.	rions. If	not applica	able, so sta	ate, otherwi	se the			্র ১৮ রাজি প্রস্তুর প্রস্তুর ১৮ রাজনিক প্রস্তুর প
									(%-) 25-004 (84%) 45-7/49
Owner Wes	stmorelan	d Reson	arces -	East Adam	inistrator's L				
Address Box	₩ Λ1 0		· -				-		
Address	<u>a 443</u>		F	ile	10557			·	
Hat	rdin, Mon	tana!			me ZS,19				e e e e e e e e e e e e e e e e e e e
Date well s	started			sw 1	23 P.1	22,			
com	pleted	1937		,					
Type of we	all	drille	đ		***************************************			<u> </u>	
F	used	einem .		g, driven, bore	d or drilled)		_	 	
Equipment	used	CHIMAN.	(C	hurn drill, rots	ry or other)				. સ્ટાઇન્ડી કર્યો
Water Use:	Domestic		unicipal [Stock [∡ Irrigati	on 🗇			
	**		, –	-		🗀	}	 	500 (10 No.)
Indu	ustrial 🔲	Drainage	e 🔲 Ot	her □*	Garden/La	wn 🔲			
*Describe									
					r other. E		-	<u> </u>	
state	number of	acres and	location	or other d	ata (i.e. Lot,	Block		 -	
and A	Addition)		•••••						
ESTIMATED	ANNUAL V	WITHDRA	WAL	00,000	allons		_	├	
Size of Drilled	Size and Weight	From (Feet)	To (Feet)	1	PERFORATION	NS	<u> </u>	<u>├</u>	
Hole	of Casing		}	Kind Size	From (Feet)	To (Feet)			
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w			beg						
					om ground			<u> </u>	
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			Pov	_{ver} elect	hours.	F	IP		
					ivel packing of shutoff)		9,		
ATO	S	70	•••••		••••••				
TANK 1/2	SW 1/4 Se	:c33 37						-	
1	N K X X		E		****************	************	···	 	
MIDICATE	LOCATION		••	IACE OF	HEE IS DO	ecipi c		1	
INDICATE			LL AND P	LACE OF	USE, IF PC	SSIBLE.			

Joe Lamers

.....LICENSE NO.....

Not Known

Driller's Signature

Driller's Address ..

Show exact depth of bottom

221

The within instrument was file.

In my office at Hardin, Womanna, this

A.D. 19

A.D

RECEIVED

3 GW 3 Revised 1969 UJL 2 19/3

STATE OF MONTANA MO ITAMA DEPARTMENT ADMINISTRATOR OF GROUNDWATER CODE RESOURCES AND CUNSTANTINA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUND WATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

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

gravity

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

			4.			
	For	Admir	nistrat	or's	Use	
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File		\$45	31			
	1	1.4	,./	 		
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				;	•	

OwnerWestmoreland Resources	
Address Box 449, Hardin, Montena 59034	
Contractor (if any)	
Address of Contractor	:
Date Started Date Completed	•
1. Describe means of obtaining groundwater (as by sub-irrigatio	n,
developed spring, drains, etc.) .natural .spring and	
sub-irrigation	,
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W		1 1		X		_
		-	-	 		 -

3.	Depth of water	table &C. SU	rtace
4.	Use of the water	.stockwater,	sub-irrigation

per minute) 5 gallons per minute

NW 1/4 SE 1/4 Sec. 35

5. Amount of groundwater claimed (in miner's inches or gallons

If used for irrigation, give number of acres and description of land sub-irrigation affects grazing land down

2. Means of withdrawing water (gravity, pump, canal, etc.)

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estito and along Middle Fork of Sarpy Creek in SP4 of Sec. 3-1N-37E - 100 acres

7. Estimate amount of water used each year 2,628,000 gallons per year

Signature of Owner Mulface A. Juler

Date June 28, 1923

5-4531

Describe nicene of elething groundwater (45 by substitution) developed spring, drains, etc.) withdrak strains made **240534** Means of withdrawing water (gravity pump canal) bearuter od yagranet elibatalqmoD atsG years and the upbroad that the County County they below County of Big Horn Strument was rue in my office at Hardin, Montana, the LUNI 28 1973 day of the A.D. 19 with a character of the serious (yes iii) notestius/) , boh.d2 elisG HOLLE OF CONSTITUTE OF पूर्व को कार्य करते हैं। कि स्वविद्या

County Big Alarn Twp. 17 Rge. 38 8

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
5	alderson, william c	623	206420	
5	Olderson, William.	Ga4	2010421	
19	Westmoreland Resources	6WZ	240567	
19	Westmoreland Besonces	6W3	240544	
19	Westmereland Resources	6w3	240548	
19	Redding, J. P. & Villa B.	Caw4	206290	
19.	Redding & T + Villa 13	6/1/2		
20	Haynie, Jim	GWY	206297	
	Rodding 19. P. + Villa B.	624	2016512	
221	Rodding & TY1/1/2 10	6w4	706292	
24	Dyckman, Cocil C.	GW3	206289	
	Caso, Fornest Z.	Cow4	20/850	
	Redding , J. P. & Villa B.		206319	
	Westmareland Resources	GW4_	206795	
	Westmoreland Resources	6413	240546	
	Redding, J. T. & Willa B.	6W3	R40545	
	Redding & T	Cowy	706294	
	Westmoreland Resources	6W2	224114	
0 /	11 to the sources	6W2	240566	
	Us traceland Resources	GW3	240541	<u> </u>
	Vestmereland Resources	Cow3	240547	
		GW3	240481	
	Heimanen, Cinas &.	Co W4	206681	
	John, Madge	COWZ	240480	
	ohn, madge	GWZ	240479	
30 K	Isstmoreland Resources	6W2	040569	
	Cox Mule E	Cow4	206174	
2 /	Westmoreland Resources	602	240559	
3/	Bedding, J. T. + Villa 13	GWY.	206,288	
	ass, Forment Z.	6W4	206324	
6/	ass, Forest L.	GWY	2063/8	<u> </u>
61	an, Forment L.	6W4	20/03/7	· · · · · · · · · · · · · · · · · · ·
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File No
DUPLICAT

Approved Stock Form—State Pub	lishing Co., Hele	na, Montana-42	262 3
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	C		

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1984

Notice of Completion of Groundwater Appropriation NEER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of Groundwater Dec 29, 1963
	Owne William Callyon Address Big Horn Wye
	Sell 1
	Contractor (if any)
	Address of Contractor
•	
	Date Started June, 54 Date Completed at July 195
N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	water when applicable
	water when applicable
v - i i i i i i i i i i i i i i i i i i	E
Spring	
	Quantity of water developed and used with explanation of method
	used to measure or estimate such amount. If use is intermittent
Pla/ 25/2	estimate approximate lengths of periods of use
JW 1/4 Sec. J T/NR38/	year around stock water
Indicate point of appropriation	1/2 gals per min - tilled
and place of use, if possible.	***************************************
	into stock tank
•	Signature of Owner William C. Alelerson
	Signature of Owner
	Date Nec 29, 1943

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.

STATE OF MONTANA | ss.
County of Big Horn | ss.
The within instrument was filed in my office at Hardin, Montana, this

DEC 3 0 1963 day of

o'clock@M.

County Recorder

Ruby Veryple Deputi

	1 DECEIVED - 5
File I	
DŪ	PLICATE County Signature
	STATE OF MONDANA FER CODE D FOR WAY TO STATE ENGINEER
	Declaration of Vested Groundwater Rights
	(Under Chapter 237, Montana Session Laws, 1961) TATE ENGINEER
14	Illiam C alekson of Dig Horn
· · · · · ·	(Name of Appropriator) Ounty of
	2. 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 1254 - 1556 for the second
w _	to date
-	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
Wa	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
5W	1/ Con 1 m /N P30E
	cate point of appropriation place of use, if possible. 6. The means of withdrawing such water from the ground and the
	h small square represents 10 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
	J
	The depth of water table
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
	200 ft
10.	The estimated amount of groundwater withdrawn each year 200,000
11.	The log of formations encountered in the drilling of each well if available
	undrown
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 Williams C. Alderson
	Date
Thr loca	ee copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
	se answer all questions. If not applicable, so state, otherwise the form will be returned.
Orig	tinal to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines
unu	21752

STATE OF MONTANA Ss.
County of Big Horn
The within instrument was file.
In my office at Hardin, Montana, this DEC 3 0 1963,

ywole Deput

and the	3	GW	2	Revised	1969

	14	
Big Hom	1.	
County Big Horn	· 	

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand,
gravel, shale, sandstone, etc. Show
depth at which water is found and
which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER

APPROPRIATION BY MEANS OF WELLAND DEPARTMENT OF NATHEIGHT to which water is found and depth at which water is found and depth at which water rises in well.

Developed after January 1, 1962

	Montana	Session L	aws, 1961,	as amende	ed)	Top of	Ground		(Elev. above sea level) 346
is form to be prep the owner with the	• County •	Clerk and	Recorder i	n the count	filed ty in	From (Feet)	To (Feet)	No Log	Available
ich the well is loca ase answer all ques	ited, last o	copy to b	e retained	by driller.					
n may be returned									
ner Westmorelan	d Rescu	rces _	F 4 1 1						。
ress Box 449		-	ror Admir ile III	istrator's Us	ie				e de la companya de La companya de la co
Hardin, Mon	rana S	1	0. c	-1 m					
			Mu	-20, 197 1	25.				
e well started			sw 1 <i>//</i>	3 27	17.2				
completed	954		***************************************						ے جہ بنے جی جہ جہ سی جہ سے ہے۔
e of welld	rilled								
ipment used		111 (Du	g, driven, bored	or drilled)					
		(C	hurn drill, rotar		•••••				
ter Use: Domestic	☐ Mu	nicipal 🔲	Stock 🏝	Irrigatio	on 🗀				
Industrial 🗌	Drainage	☐ Oil	ner □*	Garden/Law	n 🗆		<u> </u>		
scribe							ļ		
: If used for irrig state number of	gation, inc	dustrial, o	Irainage or	other. Ex	plain,		<u> </u>		
and Addition),						<u> </u>			
-					*******				
IMATED ANNUAL			O, OOO BRI						
Size of Size and Weight Hole of Casing	From (Feet)	To (Feet)	Kind	ERFORATION:					
			Size	(Feet)	(Feet)				
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N		Stati	ic water lev	eliand pu	END ft.	*			
N		Pum	pina water	eiani pu	ft.	*			
		Pum at .	ping water		ft. oer minute	*			
		Pum at . mea beg	poing water four sured an.	level gallons p minutes afte	ft. per minute er pumpin	*			
		Pum at . mea beg *Me Wel	sping water four suredan. easured from I developed	levelgallons p minutes after m ground lead by	ft. per minute er pumpin evel.	*			
X X		Pum at . mea beg *Me Wel	suredan. easured from	levelgallons p minutes after m ground lead by	ft. per minute er pumpin evel.	g			
x		Pum at . mea beg *Me Wel for Pow Ren	sping water issured an. easured from I developed ver 1977	levelgallons prominutes after m ground less by	ft. per minute proprint per pumpin pevel. H cementing	*			
X	10	Pum at . mea beg *Me Wel for Pow Ren	sping water issured an. easured from I developed ver 1977	levelgallons promotes after ground less to by	ft. per minute proprint per pumpin pevel. H cementing	*			
x	19	Pum at . mea beg *Me Wel for Pow Ren	sping water issured an. easured from I developed ver 1977	levelgallons prominutes after m ground less by	ft. per minute proprint per pumpin pevel. H cementing	*			
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SN NW /4 ST. N. N. N. N. ST. N. N. N. ST. N. N. N. ST. N. N. N. ST. N. S	OF WEL	Pum at . mea beg *Me Wel for Pow Ren pac	usured	levelgallons printed after miground lead to by	er minute er pumpin evel. H	*			
SN / NW // ST I / N R R R R R R R R R R R R R R R R R R	OF WEL E REPRESE	Pum at	usured	levelgallons printed after miground lead to by	er minute er pumpin evel. H	*			
SN NW // ST	OF WEL E REPRESE	Pum at . mea beg *Me Wel for Pow Ren pac L AND P ENTS 40	usured	levelgallons printed after miground lead to by	er minute er pumpin evel. H	*			

County of Big Horn ss.

The within instrument was file my office at Hardin, Montana, thi

County Recorder

DE GW 3 Revised 1969 MO HANA DEPARTMENT OF NATUR NU

RESOURCES AND CONSTATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

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

gravity flow

3. Depth of water table at surface 4. Use of the water _____Stockentor

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

For A	Administrator's Use
File 🧀 2	6544
Qust	e 28, 1973
GW 12	!10 p:111.

Owner Westporeland Resources	
Address Box 449, Hardin, Montana 59034	
Contractor (if any)	
Address of Contractor	
Date Started Date Completed	
Describe means of obtaining groundwater (as by sub-it	rrigation,
developed spring, drains, etc.)natural .spring	
2. Means of withdrawing water (gravity, pump, canal, et	:.)

County Big Horn ...

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() 					 	
	 .		<u> </u>	<u></u>	 	٠

5.	Amount of groundwater claimed (in miner's inches or	gallons
	per minute) two gallons per minute	

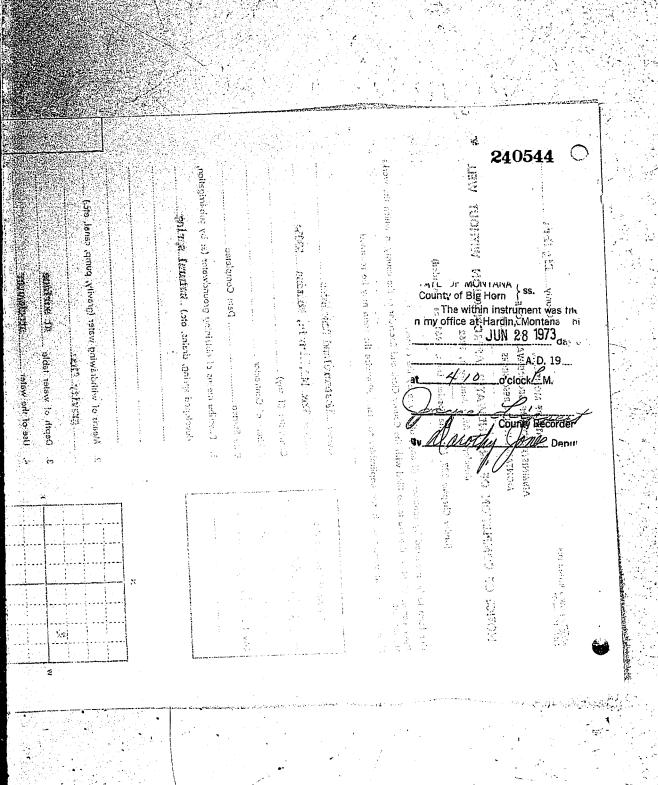
SW 1/4 NW 1/4 Sec. 19

6. If used for irrigation, give number of acres and description

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or esti-

7. Estimate amount of water used each year __150,000 gallons

mated ____3440_



JUL 2 1973

MOTIFANA DEPARTMENT OF STATELOF MONTANA

RESOURCES AND MINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELF Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

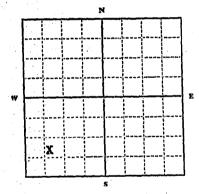
This form to be prepared by contractor (if any), otherwise by the owner.

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 may be returned.

For Admin	istrator's Use
File	548
[7 /	28, 1923 Lem
GW 1	Han fillle

Owner Westmoreland Resources	
Address Box 449, Hardin, Montana 59034.	
Contractor (if any)	
Address of Contractor	************
Date Started Date Completed	
1. Describe means of obtaining groundwater (as by sub-	irrigation,
developed spring, drains, etc.) reaturei spring	
<u></u>	



SW W	SW 14	Sec. 19	
		. 38	
	XX		XXX

INDICAT	E POIN	T OF AP	PROPR	IATION
AND PLA	ACE OF	USE, 1	F POSS	IBLE.
Elevation	of spr	ing, if	known	or esti-

mated	3445

2.	Means of withdrawing	water (gravity, pu	mp, canal, e	etc.)
	gravity flo	1 1 A 14 - 17 - 17 - 18 - 18 - 18 - 18 - 18 - 18		
3.	Depth of water table	at surface	الموجد كلاراء	
		stockwater		

5.	Amount of groundwater claimed (in miner's inches or	gallons
	per minute) two gallons per minute	

6.	If t	used	for	irrigation,	give	number	of	acres	and	description
	of	land	••••					•		

7.	Estimate amount of water used each year 150,000	
	gallons	
	811600000000000000000000000000000000000	

Months of year spring flows		
	-	

Signature of Owner Mathew A. Judos

Date Junio 28, 1923

5 4345

240548 righter) visible (visible) unionstantion godinistic to ansent aditional (Last) of withdrawing water (Listlik, Journo, Const.) County of Big Horn Ss.
The within instrument was the in my office at Hardin, Montana JUN 28 1973 Apityje kundatto, anion odonika jedniospi An the County Otens and Respondents County Recorder THE CHANGES TO SUPERIORIES WORLDWING ROOM

TIN ROSE

County Big Horn

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

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

1	T. and Vella B.	Redding, of Sarpy Pf. Hyslam. (Address) (Town) State of Montana laws in effect prior to January 1, 1962 as followed.
0	(Name of Appropriator)	(Address) (Town)
	have appropriated groundwater ac lows:	cording to the Montana laws in effect prior to January 1, 1962, as fol-
· -	N	2. The beneficial use on which the claim is based
		Livestock water
		3. Date or approximate date of earliest beneficial use; and how continuous the use has been
w _	E	
-		4. The amount of groundwater claimed (in miner's inches or gallons
-		per minute) 4 gallow
	8	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 used for wrighting
Z.2	Sec. 1.9. TIN. R. S. E.	
	dicate point of appropriation	
	d place of use, if possible. ch small square represents 10	6. The means of withdrawing such water from the ground and the
	res.	location of each well or other means of withdrawal grandy.
		•
	drawal of groundwater19.5.3	ompletion of the construction of the well, wells, or other works for with-
8.	The depth of water table I feed	L
	G (type, size and depth of each well or the general specifications of any for groundwater
10.	The estimated amount of ground	water withdrawn each year 130, 400 gallous
11.	The log of formations encountered	in the drilling of each well if available
12.	Such other information of a simil reference to book and page of any	ar nature as may be useful in carrying out the policy of this act, including ocunty record
		Signature of Owner William B. Besteleng
		Date Dec 26, 1963
Th loc	ree copies to be filed by the owner ated.	with the County Clerk and Recorder of the county in which the well is

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 Big Horn

The within instrument was filed in my office at Hardin, Montana, this nec 2 6 1963.

day of

A.D. 19

_o'clock/A.M.

Wengle_ Deputy

The detail of weight talks

GW 2	Approved Stock Form-State Publishing Co., Helena, Montana-3908
File No	T/NR37E
DUPLICATE	County Big CELVEIN
	ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER 6 1864
Brown Sandy Soll	- Marian - Albania (1985年)
(Elev. above sea level	Notice of Completion of Groundwater FR Appropriation by Means of Well
30 ConL	Vella B. Redjing
10 Coul-shile - water	Owner Bar Redeling + Address Hys ham, Mont.
40	Driller C. S. Dows S Address /- k. re/in Mont
15 Brown shale	Date of Notice of Appropriation of Groundwater
17. Brown shale	Date well started Cc1. 25, 1562 Date Completed Oct. 27, 1563
Coal-shele-water 10 Brown shale 15 Brown shale 15 Brown shale 15 Brown shale 16 Brown shale 17 Brown shale 18 Brown sha	Type of well dr. Head Chury or (Churn, drill, rotary or drilled) Equipment Used Chury or (Churn, drill, rotary or other)
Light Gray Shale	Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock
Herel Shell	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.
70	Show depth at which water is encountered, thickness and character of water- bearing strata and height to which water rises in the well.
75' Link T Core, Shale	Size of Size and From To PERFORATIONS
Firey Shale	Hole Casing Kind From To
Psilconh-water	6 9-4 0 115 slotled bottom
100 Gray Shake	20 0 + 4 Cusing
45 Gry Shahe	
TE N	Static Water Level for non-flowing Well
No. C	Shut-in Pressure for Flowing Well
184 A 6 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pumping Water Level 2.0 feet at 5 gal. per minute.
	Discharge in gal. per min. of flowing well.
- W	How Tested Berek Length of Test
	Remarks: (Gravel packing, eementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of
6 11	acres irrigated, if used for irrigation)
Indicate location of well a	***************************************
place of use, if possible. Es	ac),
Show exact depth of bottom.	6/
	Driller's Aicense Number
	Driller's Signature
	ad three copies to be filed by the owner with the County Clerk and Recorder
in the county in which the well is loca	

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.

ar April 300 STATE OF MONTANA SS:
County of Big Horn
The within instrument was filed
in my office at Hardin, Montana, this day of A.D. 1963 then zairroft, to anim angelsz air servadoraff _o'clock A.M. E Cast County Decorder Pury Wesigle Deout

<u> 28 (5 - 14 - 14 - 14 - 15 - 15 - 15 - 15 - 1</u>			T. // R. 28±
DUPLICATE			T. IN R. 38E. County Big Harn
	STATE OF ADMINISTRATOR OF	MONTANA GROUNDWATER COI	DE
	44.	ATE ENGINEER	UL JAN 8 1964
	Declaration of Vester	Groundwater Ric	ihisSTATE ENGINEER
	(Under Chapter 237, Mo		
Name of A	Loynu Appropriator)	, of Address)	Town)
County of have appropriated gro	undwater according to the	State of	entona t prior to January 1, 1962, as fol-
lows:			
N .	2. The ber	eficial use on which the	e claim is based Panch
Well	3. Date or	approximate date of ear	cliest beneficial use; and how con-
- A GOT	tinuous	the use has been	sed continuous
	1 1		:
	4. The am	ount of groundwater cla oute) S. a	imed (in miner's inches or gallons
	Į į	•	
8	5. If used lands to	for irrigation, give the which water has been	e acreage and description of the applied and name of the owner
r init a	thereof		
E' 14 NW Sec 20 T /N Indicate point of approp	*********		****
and place of use, if po Each small square repres	ossible. 6. The me	-	h water from the ground and the
Each small square repres acres.		of each well or other i	means of withdrawal
7. The date of commence drawal of groundwate	ement and completion of the		ell, wells, or other works for with-
8 The depth of water to	able 40 lt.		
	,		
_	vithdrawal of groundwater	Suttain	the general specifications of any
9. So far as it may be av			
9. So far as it may be av			
9. So far as it may be avother works for the w			
9. So far as it may be an other works for the w	t of groundwater withdray	n each year 8,1	00 basulajewyw.
9. So far as it may be an other works for the w	t of groundwater withdrav	n each year	00 bandajen yn. 1e met avoilable
9. So far as it may be an other works for the w	encountered in the drilling	of each well if availab	00 basula jeur yn. 1e Met avoilable
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9. So far as it may be an other works for the warks for the warms. 1. The log of formations. 2. Such other informatic.	encountered in the drilling	of each well if availab	out the policy of this act, including
9. So far as it may be an other works for the warks for the warms. 1. The log of formations. 2. Such other informatic.	encountered in the drilling	of each well if availab	out the policy of this act, including
9. So far as it may be an other works for the war other works for the war of the works for the war of the works for the works	encountered in the drilling	ay be useful in carrying July Jary Luc Signature of Owner	out the policy of this act, including
O. So far as it may be an other works for the warms for the log of formations. 2. Such other information reference to book and warms for the	encountered in the drilling	ay be useful in carrying Juny Mary Mary Signature of Owner	out the policy of this act, including

County of Big Horn ss.

The within instrument was file in my office at Hardin, Montana, this DEC 3 1 1963 day of

o'clock4M.

County Recorder

'ile l	No									T. I.M. R. 38 E.
Dt	JPLI	CAT	E					S	FATE OF MONTANA	County Big House
								OFFIC	TOR OF GROUNDW. E OF STATE ENGIN	VEER DECEIVED
						De (T	clara Jnder	chapte	Vested Groundw r 237, Montana Session	valer Rights JAN 6 1964
1(2.7	T	Z.C.	L 1	I LL	la.	opriate	P J	edding, of Sa	GIAIL ENGINEER The Hyphane (Town)
	Coun have lows:	app	£ /	Deg	14	١	بيبهره		State of -	Moutaux (10wh) Moutaux (1, 1962, as fol-
	1		N	* c	1	1	1	2.	The beneficial use or	n which the claim is based
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								ъ.	tinuous the use has 1	date of earliest beneficial use; and how con- been
						٤,	E		contine	ious Mal
-					+-	├-		4.	The amount of groun	idwater claimed (in miner's inches or gallons
-	+-	+			+-	 -	-		per minute)	Jallon Jack
	†-	 				 	1	-		
	•		8	<u>.</u>		<u> </u>		5.		on, give the acreage and description of the or has been applied and name of the owner
<u>.</u>	1/.	q	on 4	.) Tl	a)	ьa	d E		thereof not	used for wrigation
				f app					***************************************	
	h sn			se, if re rep				6.		rawing such water from the ground and the l or other means of withdrawal granity
7.	The drav	date val o	of o	omme oundw	nce: ater	mer	it and	comple	tion of the construction	on of the well, wells, or other works for with-
8.	The	dent	h of	water	r tai	ole	Ь	lt-		
	So f	ar as	it n	ay be	ava	ilal	ole, th	e type,		h well or the general specifications of any
		••••••••••••••••••••••••••••••••••••••			•••••			······································		
0.	The	estir	nate	d amo	unt	of	groun	dwater	withdrawn each year	262,800 gallon for each if available
1.	The	log o	of fo	rmatio	ns e	enco	unter	ed in th	e drilling of each well	if available swit available
	,	•••••••• ••••••	••••••		•••••••••					
2.										n carrying out the policy of this act, including
	•••••	*******	*******		******	•••••	•••••••		Signature	of Owner Wells B. Redling Date Dec. 26, 1963
										Date Dec. 26, 1963
Chre	ee co ted.	pies	to b	e filed	l by	the	owne	er with		Recorder of the county in which the well is
Plea	ise a	nswe	r all	quest	tions	s. If	not a	pplicab	le, so state, otherwise	the form will be returned.
)rig	ginal Qua	to t	he C licat	County e for t	Cle the	erk Apı	and I	Recorderator.	; duplicate to the Stat	te Engineer, Triplicate to the School of Mines

County of Big Horn ss.

The within instrument was filed in my office at Hardin, Montana, this DEC 2 6 1963

10:20 o'clock AM.

County Recorder

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DIDI KAASE			T/N R & & E County By Horn
DUPLICATE	2	FATE OF MONTANA	County & A To
		TOR OF GROUNDWATER C	ODE
		E OF STATE ENGINEER	MECEIVEM
	Declaration of	f Vested Groundwater R	linhis
	(Under Chapte	r 237, Montana Session Laws,	1961) JAN 6 1964
		0	STATE ENGINEER
J.T. and V	ella B. T.	edding of Sarpy Ot	4. Herstan
(Name of	Appropriator)	(Address) State of Mon	(Town)
have appropriated gr	roundwater accordi	ng to the Montana laws in eff	ect prior to January 1, 1962, as fol-
lows:			
N	2.		the claim is based
		-	vateu
 	3.	Date or approximate date of	earliest beneficial use; and how con- 75 b
		tinuous the use has been	
•9	E		•
 	4.		claimed (in miner's inches or gallons
5		per minute) Willa 3	gallon for each
**	5.	, ,	the acreage and description of the een applied and name of the owner
S		thereof mat days	La insignation
W 14 Sec. 12. T/I	iv r3.g. ^e		for irrigation
Indicate point of appro			
and place of use, if Each small square repre		•	such water from the ground and the er means of withdrawal
acres.		location of each well of other	arity,
	•	primp for	willa.
7. The date of commer drawal of groundwa	ncement and comple ater .19.5.D	etion of the construction of the	well, wells, or other works for with
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		, ,	
other works for the	withdrawal of grou	indwater Will dailled	or the general specifications of an
	Springs un		T C
•	***************************************		
10. The estimated amou	unt of groundwater	withdrawn each year 2,5,5,	o DD gallons for each
14 Min 3		an duilling of each mall if a	table as to see 10.100.
11. The log of formation	us encountered in th	re drining of each wen it avail	table not available
12. Such other informative reference to book as	ation of a similar na and page of any cour	ture as may be useful in carry:	ng out the policy of this act, includin
		0.000	J. Pedding
		Signature of Ow	-
			Date 120, 26, 1963
Three copies to be filed located.	l by the owner with	the County Clerk and Record	Date Dec. 2b, 1963 er of the county in which the well

206289 County of Big Horn strument was fileo in my office at Hardin, Montana, this EIG HORN

2 11 200

DUPLICATE

County FARCE IVE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of GroundwaterJuly 30, 1955	1
	Owner Gecil C. Myckman Address Sarpy area, Hysham,	Mon
	Contractor (if any) Stephen Kenny	
	Address of Contractor Hardin, Montana	
	Date Started July 30 Date Completed Aug. 2, 1955	
N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to	
	water when applicable Cleaned out or dug by dragline	٠
	four feet of earth removed from top of scapstone	
	where a crack in the bottom let water come up	
W	to surface.	
S	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-	
M. 4. Sec. 24 T.1N R38E	tent estimate approximate lengths of periods of use	
indicate point of appropriation	gallons a day to water forty head of stock or	
and place of use, if possible.	cattle. More water can be produced by a well if	
	_drilled_deeper	
	Signature of Owner Cecil C. Dupper Man. Date. December 5th, 1962	

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 School of Mines and Quadruplicate for the Appropriator.

County of Big Hom
The within instrument was filed in my office at Hardin, Montana, this

JAN 7 1963 day of

A. D. 19

It // i.s. o'clock A.M.:

County Recorder

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER (Town) State of Ryabdress) (Town) State of Ryabdress of Ryabdr	DUPLICATE		In758
Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Sassion Laws, 1961) STALL ENGINEER (Under Chapter 237,	1. 1 a		County Big Horn
Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER **FORTIGHT OF Phyropriator*) County of have appropriates glottindwater, according to the Montana laws in effect prior to January 1, 1962, as follows: **Note: A special section of the Montana laws in effect prior to January 1, 1962, as follows: **Note: A special section of the Montana laws in effect prior to January 1, 1962, as follows: **Stock water well** 2. The beneficial use on which the claim is based **Stock water well** 3. Date or approximate date of earliest beneficial use; and how continuous the use has been any 1997 and used eight souths per year since 4. The amount of groundwater claimed (in miner's inches or gallower minute) 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the own thereof the well or other means of withdrawal such water from the ground and the location of the well or other means of withdrawal of groundwater withdrawal of groundwater withdrawal of groundwater withdrawal of groundwater withdrawal each well or other means of withdrawal of groundwater withdrawal each well or the general specifications of a other works for the withdrawal of groundwater withdrawal each year 218,000 gallons 1. The log of formations encountered in the drilling of each well in carrying out the policy of this act, included reference to book and page of any county record. No other information wattable. Signature of Owner and the policy of this act, included reference to book and page of any county record. No other information wattable. Chree copies to be filed by the owner with the County Clerk and Recorder of the county in which the well coated.			
Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER Forrestant of Phycopristor) County of State of Mythodress (Town) County of State of Mythodress (Town) State of Mythodress (Town) Laws appropriated glothdwater according to the Montana laws in the Catest prior to January 1, 1962, as for the Montana laws in the Catest prior to January 1, 1962, as for the Mythodress (Mythodress) 2. The beneficial use on which the claim is based Ptock water well 3. Date or approximate date of earliest beneficial use; and how continuous the use has been aug 1957 and used eight montals per year states 4. The amount of groundwater claimed (in miner's inches or gallo per minute) 5. Mail of irrigation, give the acreage and description of the lands to which water has been applied and name of the cown thereof Not used for irrigation. 1. The date of commencement and completion of the construction of the well, wells, or other works for windrawal of groundwater 2. The date of commencement and completion of the construction of the well, wells, or other works for windrawal of groundwater 2. The date of commencement and completion of the construction of the well, wells, or other works for windrawal of groundwater 3. The depth of water table 2. So for as it may be available, the type, size and depth of each well or the general specifications of a other works for the withdrawal of groundwater Moner other at this time 3. The depth of formations encountered in the drilling of each well in carrying out the policy of this act, included reference to book and page of any county record. No other information watlable Signature of Owner watlable Signature of Owner watlable Chrese copies to be filed by the owner with the County Clerk and Recorder of the county in which the well content.		e tradición de la companya de la co	E OF STATE ENGINEER
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and place of use, if possible. Each small square represents 10 acres. 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal acres. 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 225 feet 9. So far as it may be available, the type, size and depth of each well or the general specifications of a other works for the withdrawal of groundwater withdrawn each year 218,000 gallons 1. The log of formations encountered in the drilling of each well if available None wailable 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, included reference to book and page of any county record. No other information available Signature of Owner at the county in which the well ocated.	Indicate point of a	appropriation	
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.	2. Such other info reference to bot	ormation of a similar nation and page of any country	ure as may be useful in carrying out the policy of this act, includ ty record. No other information available Signature of Owner Fourth L. L. Carrying Date. Date. 2.6.19.6
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STATE OF MONTANA ss.
County of Big Horn
The within instrument was filed in my office at Hardin, Montana, this DEC 2 7 1963 ___ day of

_o'clockaM.

County Recorder

To emitediting formed off in the case in April 1900 and and april and admission of more than 1905 of 1905.

Allowers to have only

	No					
1	Declaration of Vested Groundwater Rights IE ENGINEER (Under Chapter 237, Montana Session Laws, 1961) J. T. and J. L. B. Ridding, of Safey R. (Youn) (Name of Appropriator) (Address) (Town)					
	have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:					
Г	2. The beneficial use on which the claim is based					
w	3. Date or approximate date of earliest beneficial use; and how continuous the use has been One well 1953					
-	4. The amount of groundwater claimed (in miner's inches or gallons per minute) One well—7 gallous					
	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					
Ind and	licate point of appropriation d place of use, if possible. 6. The means of withdrawing such water from the ground and the ch small square represents 10 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 with-drawal of groundwater					
8.	The depth of water table 20 ft. for each well					
	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 One well. 5.4 feet deep., be such easing one well 2.5 feet deep., be such easing					
10.	- , , , ,					
11.	The log of formations encountered in the drilling of each well if available not evailable					
12.	2. 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 Villa G. Relding					
	Date Dec. 26, 1963					
	ree copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is ated.					
	ase answer all questions. If not applicable, so state, otherwise the form will be returned.					
Ori and	ginal to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines Quadruplicate for the Appropriator.					

20629\$

Granty of Big Horn ss:

The within instrument was filed my office at Hardin, Montana, this DEC 26 1963

County Recorder

GW 3 REVISED 19990: ITAMA DEPARTMENT C. STATE OF MONTANA
RESOURCES ALD CHISTRATOR OF GROUNDWATER CODE
ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

5 40 545

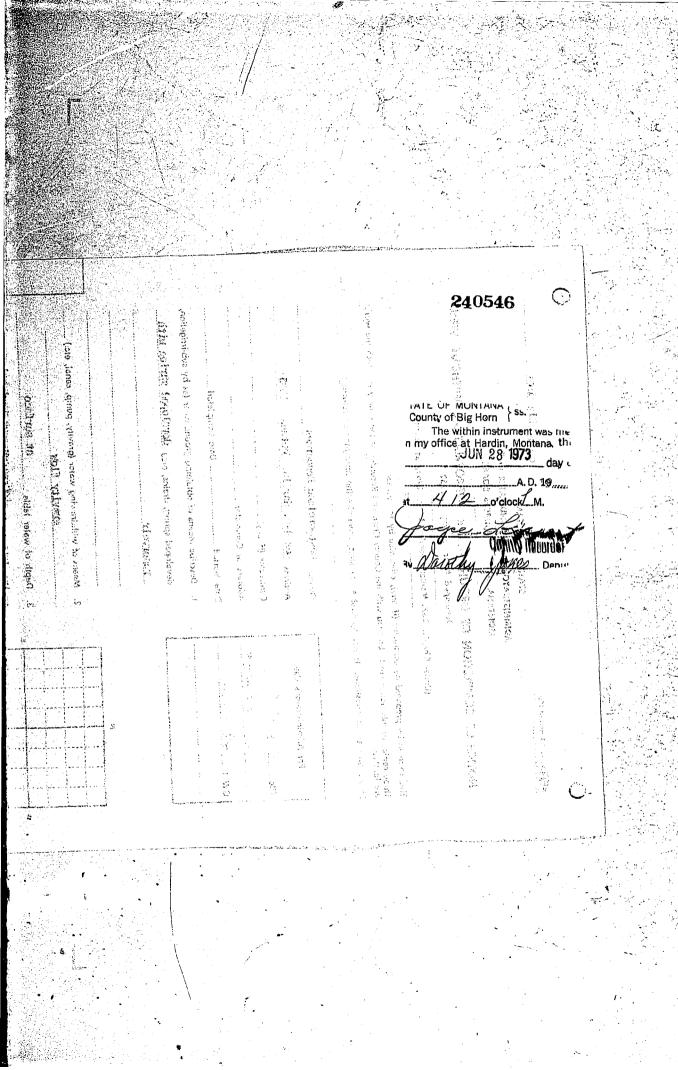
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

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.

	cable, so side, otherwise the form may be refurthed.	
	Owner Westmoreland Resources	700
For Administrator's Use	Address Box 449, Hardin, Montana 59024	
ile 240546	Contractor (if any)	
Gline 28, 1973	Address of Contractor	
W1 4:122 m	Date Started	
· · · · · · · · · · · · · · · · · · ·	Describe means of obtaining groundwater (as by sub-	
	developed spring, drains, etc.) developed spring	
	reservoir	
N		
		•••••
	Means of withdrawing water (gravity, pump, canal, et gravity flow	
E	3. Depth of water table at surface	
	4. Use of the water stockeater, sub-irrigation	
x		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
<u> </u>	5. Amount of groundwater claimed (in miner's inches	
S	per minute) one gallon per minute	<u></u>
SE 14 SW 14 Sec 29		
1 N R 38 E	6. If used for irrigation, give number of acres and o	-
76K 74W	of land sub-irrigation affects 50 acres b	elow
IDIOATE BOILIT OF ADDRODE ATION	reservoir	
DICATE POINT OF APPROPRIATION ND PLACE OF USE, IF POSSIBLE.		
evation of spring, if known or esti-	7. Estimate amount of water used each year	
ated	150,000	
***************************************	8. Months of year spring flows12	
· *		1.5
	Signature of OWNER Mallieus S. Just	<i></i>
	Date line 28 1973	



JUL 2 1973

S GW 3 Revised 1969 DEPARTMENT OF NATURAL

RESOURCES AND CONSERVATIONSTATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

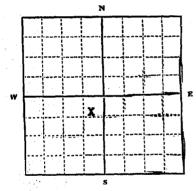
This form to be prepared by contractor (if any), otherwise by the owner.

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

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

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	For Administrator's Use
File .	240545
-4	June 28, 1973
	1
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niistaa				
Describe means of obtaining groundwater (as by sub-irrigation,				
•				



3.	Depth	of	water	table	at surface
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gravity flow

NI 14 SN 14 Sec. 29

Use of the water stockwater and sub-irrigation

2. Means of withdrawing water (gravity, pump, canal, etc.)

5. Amount of groundwater claimed (in miner's inches or gallons per minute) one gallon per minute

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or esti6. If used for irrigation, give number of acres and description of land sub-irrigation affects 10 acres below reservoir

7. Estimate amount of water used each year 150,000 gallons

8. Months of year spring flows 12

Signature of Owner Mathew S. Judor
Date June 28, 1973

240545 fightspirmedus (d. ai) tribuduning gehintatén to moon edetheis AND TERROR SENTINGENERS AND CONTRACTOR Mosok of withdiawing valed (proving pump data). County of Big Horn Ss.

The within instrument was the my office at Hardin, Montana, the Control of the state of the state of Control bearing and Kinyroem Jesterroina. o'clock M.

ile No			T/N R 3 8 E
DUPLICATE	ADMINISTRA	TATE OF MONTANA ATOR OF GROUNDWATER C	ODE IANG 1964
	-	CE OF STATE ENGINEER	CTATE
	Declaration of (Under Chapter	of Vesied Groundwater R er 237, Montana Session Laws,	lighis TATE ENGINEER 1961)
1. J. T. and V. (Name of County of Big.	lle B. Red f Appropriator) Houngroundwater accordi	Asig of Saysyst (Address) State of 1910 11	tana (Town) tana ect prior to January 1, 1962, as fol-
lows:	6		500 prior 10 outlary 1, 1000, as 201
		. The beneficial use on which	the claim is based
1	3.	tinuous the use has been/.	earliest beneficial use; and how con-
v	E		
	4	per minute) Well 32	claimed (in miner's inches or gallons
	-	spring 5	gallons
s			the acreage and description of the en applied and name of the owner
V.E14 Sec.2.9 T/	N. R.3.S. E	thereof	for irrigation
Indicate point of app and place of use, if	ropriation	The means of withdrawing s	uch water from the ground and the
Each small square rep acres.		location of each well or other	r means of withdrawal
		pumpe for	pring
7. The date of comme drawal of groundw	encement and comple vater	etion of the construction of the	well, wells, or other works for with-
8. The depth of water	r table Well = 3.2.	ft. Spring boff.	
9. So far as it may be	, e available, the type,	size and depth of each well oundwater Will, 16-5-4-dee	r the general specifications of any
		spring ! us of	sovico-placia U
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10. The estimated amo	ount of groundwater	withdrawn each year W.U.7.	3,000 gallon - Spring 262,000 ga
11. The log of formation	ons encountered in th	he drilling of each well if availa	able not available
			ng out the policy of this act, including
reference to book a			1 tr P. Ming
reference to book a			Je James Je
reference to book a		Signature of Own	per Villa B. Redding Date Dec. 2 b. 1963

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 Big Horn ss.

The within instrument was filed in my office at Hardin, Montana, this DEC 2 6 1963 day of

:28 o'clock AM.

County Recorder

GW 2 Was			Approved	Stock Form-	—State Publishi	ng Co., Helena,	Montana—4564	29
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		. n. 4	Appropri			eans of		
			(Under Chap					
		Owner J.	T. Reddi	ng	Addre	ss. Hys ha	m, Mont	ana
		Driller S					1	
-		Date of Notic	e of appropr	iation of	groundwat	er		
Ĺ	\$1. \$1. \$1.	Date well sta	rted Octo	ber 1	Date (ompleted.C	ctober	2 68
		Type of well	bore	ded or drille	Equipm	ent used (Chur	other	y or other)
	6. \$1.	Water use:	Domest Industri		Iunicipal [Drainage [] Sto	ck 🗷 Irr	
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STATE OF MONTANA

DRILLER'S LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MOTION DEPARTMENT OF Strate such as soil, clay, sands

NOTICE OF COMPLETION OF GROUNDWATER OURCES AND ON SEREGIBLE at which water is found and height to which water rises in well.

This form to be prepared by drilling and three copies to be filled with the County of the well is located, last copy to be retained by drilling, with a worse with the County of the well is located, last copy to be retained by drilling. Which five well is located, last copy to be retained by drilling. For Administrator's Use Fire Administrator's Use F	(Under C	· -			aws, 1961,	as amend	ed)	Ton of	Ground	Elev. above sea level) 3490
which the well is located, last copy to be retained by driller. So Log Anstable	This form t	to be prepa	ared by c	friller, and	d three cor	nies to he	filed	From		Elev. above sea level) 770
Piese answer all questions. If not applicable, so state, otherwise the orns may be returned.	which the v	ier with the well is loca	ted, last o	cierk and copy to b	l Recorder i e retained	n the coun by driller.	ity in		(2000)	No Log Available
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Water Use: Domestic Municipal Stock Irrigation Industrial Drainage Other * Garden/Lawn *Describe USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). ESTIMATED ANNUAL WITHDRAWAL 209,000 ESTIMATED ANNUAL WITHDRAWAL 209,000 Sine of Stee and Very of Casing (See)	-dorbinent	useu	************	(C	hurn drill, rotary	or other)				
Industrial Drainage Other * Garden/Lawn USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). ESTIMATED ANNUAL WITHDRAWAL 289,000 Site of Site and Prom (Peer) (Peer) To (Peer) (Water Use:	Domestic	□ мо				on 🗆			
Describe USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). ESTIMATED ANNUAL WITHDRAWAL 200,000 Size of Casing Profit (Peet) To PERFORATIONS Size of Casing Profit (Peet) To PERFORATIONS **Size of Casing Profit					210ck 12		~·· ⊔	ļ	 	
Describe USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). ESTIMATED ANNUAL WITHDRAWAL 200,000 Size of Casing Profit (Peet) To PERFORATIONS Size of Casing Profit (Peet) To PERFORATIONS **Size of Casing Profit	Indu	ustrial 🔲	Drainage	☐ Oth	her □* (Garden/Lav	vn 🗆		 -	
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). ESTIMATED ANNUAL WITHDRAWAL 200,900 Station of Casing From From Size (Feet) PERFORATIONS Static water level fit.* Purgaing-water level fit.* Purgaing-water level fit.* Purgaing-water level fit.* at a gallons per minute measured minutes after pumping began. W W Well developed by for gastime hours. Power Pump. HP Remarks: (Gravel packing, cementing, packers, type of shutoff) INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. Driller's Signature Not Known						•	. —			
state number of acres and location or other data (i.e. Lot, Block and Addition). ESTIMATED ANNUAL WITHDRAWAL Size of Size and Prom Offect) PERFORATIONS Size of Casing Prom Size (Feet) N Static water level fit.* Purgiping water level fit.* at gallons per minute, measured minutes after pumping began. *Measured from ground level. Well developed by for gastoff from ground level. NE SW // Sec. 33 T NR	*Describe	•••••••		•••••	*					
and Addition). ESTIMATED ANNUAL WITHDRAWAL Size of Driller's Signature N Static water level (Feet) (Feet	USE: If use	ed for irrig	ation, inc	dustrial, c	drainage or	other. Ex	plain,			
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Size of Or Casing Size and Weight From Weight Or Casing Size of Casing Size of Driller's Signature N Static water level 40 Static water level 5 Free Perforations Kind Size Free (Feet) (Feet) Size Free Perforations Kind Size Free (Feet) Kind Siz	and A	Addition)						-	1	
Static water level 170 (Feet) N Static water level 40 ft.* Purpsing water level ft.* a gallons per minute measuredminutes after pumping began. **Measured from ground level. Well developed by for gastoftine pump HP Remarks: (Gravel packing, cementing, packers, type of shutoff) NE Static water level ft.* Purpsing water level ft.* **Measured from ground level. Well developed by for gastoftine pump HP Remarks: (Gravel packing, cementing, packers, type of shutoff) NE SW 14 Sec. 33 T. SP 8 INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. Driller's Signature Not Known										
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N Static water level	Size of	Size and	From	To	Ī .	EDFOR A TYCE	10	 -	 	ļ
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Static water level		j Ì	,		Size	(Feet)	(Feet)		 	
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Purging water levelft.* atgallons per minute,	,		;	Stati	ic water lev	el40	ft.		 -	
The state of the s		İ	1	Puna	naing-water	level	ft.*		L	
began. *Measured from ground level. Well developed by for pasoling hours. Power Pump. HP Remarks: (Gravel packing, cementing, packers, type of shutoff) NE SW 29 T. WA Sec. 38 T. WA Se				at .	***************************************	gallons	per minute	·		
*Measured from ground level. Well developed by			4 4	mea	sured				<u> </u>	
Well developed by for pasoline hours. Power Pump	w					1.4	1		 	
for									+	
Remarks: (Gravel packing, cementing, packers, type of shutoff) NE SW 29 1 W Sec 38 INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. Wenry Kray Not. Known		X		for	ii developed	hours		\ 	 	
Remarks: (Gravel packing, cementing, packers, type of shutoff) NE SW 29 1 W Sec 38 INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. Wenry Kray Not. Known				Pow	gasolin	Pump	н	s	+	
packers, type of shutoff) NE SW 29 T. W Sec 38 NOTE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. Driller's Signature Not. Known	1 1	1	1 1	Ren	narks: (Grav	el packing.	, cementing		1	
NE SW 29 T	<u> </u>		<u></u>							
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. Driller's Signature Not known	MR	Su	20			•••••				
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. Driller's Signature Not known	1		:c <u>56</u>		•••••	•••••	••••••		 	
EACH SMALL SQUARE REPRESENTS 40 ACRES. Henry Kray Not known	T	<u>y</u> R	XX	ž	•••••••	••••••	··	· -		
EACH SMALL SQUARE REPRESENTS 40 ACRES. Henry Kray Not known		Š		۰	***************************************		***************************************	··	+	
Driller's Signature Not. Known						ISE, IF PO	SSIBLE.			
Not known	EACH SMA	ALL SQUARI	E REPRESE	NTS 40	ACRES.				+	1.1
Not known	D. III. 4		1	Henry K	ray				+	
Driller's Address	Dritter's Si	gnature								
				T. 4 W						

LICENSE NO.....

__ Show exact depth of bottom

60_

County of Big Horn \ ss.

The within instrument was file my office at Hardin, Montana, this JUN 28 1913 day of

____A.D. 19_ _o'clock_M.

County Recorder

Ja 2 1913



NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL Beveloped After James 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

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 may be returned.

	Owner Mestmoreland Resources	
For Administrator's Use	Address Box 449, Hardin, Montana 59034	
le 240 5-41	Contractor (if any)	
June 28, 1973	Address of Contractor	-
N1 1:07 1.01.		••••
N I	Date Started Date Completed	••••
	Describe means of obtaining groundwater (as by sub-irrigation)	on,
	developed spring, drains, etc.)	
	:	
N		
	Means of withdrawing water (gravity, pump, canal, etc.) gravity	
<u>x</u>		
E	3. Depth of water table	•••••
	4. Use of the waterstockwater	
	5. Ameunt of groundwater claimed (in miner's inches or gall	lons
	per minuté) fixo. gallons. per minute	
S.		
SE 4 NH 14 Sec.30		
N R E	6. If used for on, give number of acres and descrip	tion
XZE XXX	of land	
		•
ICATE POINT OF APPROPRIATION D PLACE OF USE, IF ROSSIBLE.		
ration of spring, if known or esti-	7. Estimate amount of water used each VSE 200,000 galle	ons
ed		
	12	
enante.	8. Washins of year spring flows	
	mathew S. Judor	
	Signature of Owner Line 28, 1973 Date Date	
	Date June 28, 1973	
	Date/j	

240541 County of Big Horn Ss.
The within instrument was file in my office at Hardin, Montana, this July 28 1973 o'clock 2M. County Recorder

whether of epicies disconsisting on the plant of administration

Woods of missiamine major (duality brinds rough elect

out. a 1975

PAS GW 3 REVISED 1969. ITANA DEPARTMENT OF MATURIAL RESOURCES AND COMMENTARE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

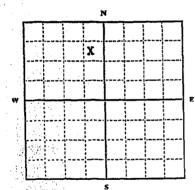
This form to be prepare contractor (if any), otherwise by the owner.

Three copies of this national filed with the County Clerk and Recorder of the county in which the works

wer all questions. If not applicable, so state, otherwise the form may be returned.

For	Administrator's Use
Fileحَمْرُ	40547
Juzu	2 <i>5, 1973</i> .
GW 1	4: 13 p.v.

Ow	ner Westmoreland Resources	
	dressBox 449, Hardin, Montana 59034	
Cor	ntractor (if any)	
	dress of Contractor	1
Dat	e Started Date Completed	
٦.	Describe means of obtaining groundwater (as by sub-i	rrigation
	developed spring, drains, etc.) natural spring	•
;		



of New	T/3		
W N.Y Sec	JU		
XXe R		••••	Ę

INDICATE I AND PLACE	E OF US	E, IF	POSSIB	LE.
mated	3480	•••••		

2.	Means of withdrawing water (gravity, pump, canal, etc.)	
	gravity flow	

3.	Depth of water table	a	t surface
	,		
4.	Use of the water	stockwater	

5.	Amount of	groundwater	claimed	(in	miner's	inches	or	gallons
	_			4.				

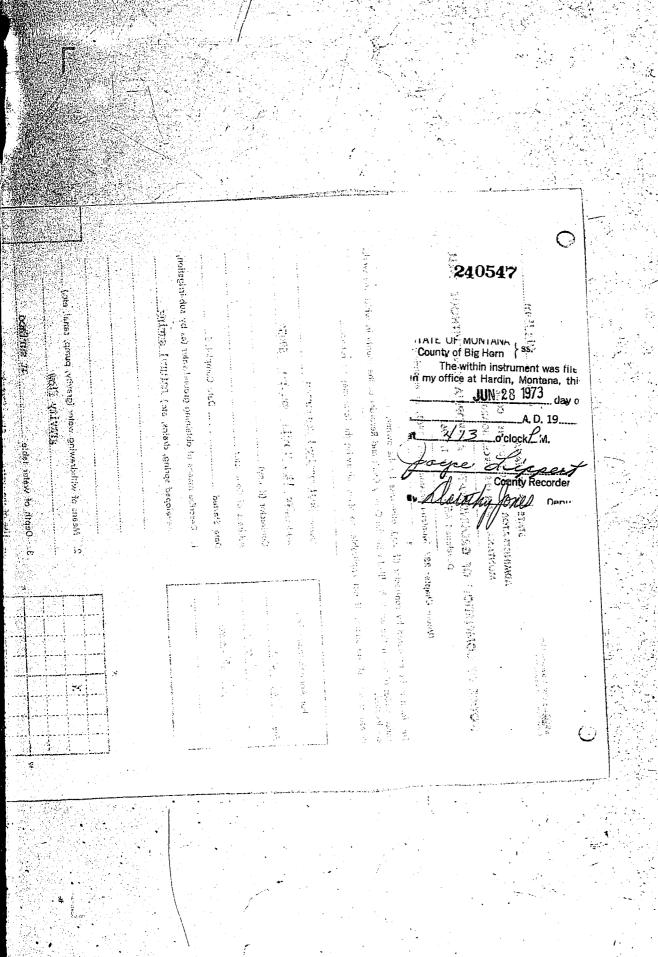
6.	If used for	irrigation, give number	of acres and	description
	of land	***************************************	********************	

7.	Estimate amount of water used each	year 150,000 gallons.
	150 00017	

		40
8.	Months of year spring flows	<u> 14</u>

Signature of Owner Mathieu S. Judor

Date June 28, 1973



3 GW 3 Revised 196914 DEPARTMENT OF MATERIAL 2057—1500—1/71 RELIGIBLES AND CONSERVANC STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CORE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER AFFRENIATION WITHOUT WELL Developed After January 1,

(Under Granter 227, Montana Session Liws, 1961, as amended)

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 may be returned.

	Owner Madge John
For Administrator's Use	Address Hyslam 977 out Lagry Af
File 24048/	Contractor (if any)
Jusu 25, 1975	Address of Contractor
GW 1 220 pm	Date Started Date Completed
	1. Describe means of obtaining groundwater (as by sub-irrigation,
	developed spring, drains, etc.) desell
, N	
	2. Means of withdrawing water (gravity, pump, canal, etc.)
	- grandy
E	3. Depth of water table
-	3. Depth of water table
	5. Amount of groundwater stailmed (In miner's inches or gallons
8	per minute) _20 gal /Jew manuta
SE 14 1/4 Sec. 3.0	6. If used for irrigation, give number of acres and description
T	of land
AIDICATE DOUBLE OF LANDING	
AND PLACE OF USE, IF POSSIBLE.	
Blevaling of spring, if known or esti-	7. Estimate amount of water used each year 2000
marcu	
	8. Months of year spring flows
	Signature of Owner 911 adge John
	Data 14-14-13

The within instrument was filed in my office at Hardin, Montana, this day on the structure of the structure

DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE Declaration of Vested Groundwater Rights TATE LINGUINGER (Under Chapter 237, Montana Session Laws, 1961) LINAR LINANEN (Orange of Appropriator) County of DIC LOS N State of MIO N A MA have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as for lows: 2. The beneficial use on which the claim is based 1 22 37. 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 4. The amount of groundwater claimed (in miner's inches or gallow per minute) SE 14. Sec 25 T. AR 26 Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal acres. 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 available, the type, size and depth of each well or the general specifications of a other works for the withdrawal of groundwater 13. S. Laws and the state of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 13. S. Laws and the state of commencement and completion of the construction of the well, or other works for withdrawal of groundwater 14. The depth of water table 9. So far as it may be available, the type, size and depth of each well or the general specifications of a other works for the withdrawal of groundwater	DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE Declaration of Vested Groundwater Rights TATE FIGHT TATE (Under Chapter 237, Montana Session Laws, 1961) LAN 8 1964 Declaration of Vested Groundwater Rights TATE FIGHT TATE (Under Chapter 237, Montana Session Laws, 1961) LAN 8 LAN 8 1964 Declaration of Vested Groundwater Rights TATE FIGHT TATE (Under Chapter 237, Montana Session Laws, 1961) LAN 8 LAN 8 1964 Declaration of Vested Groundwater Rights TATE FIGHT TATE (Under Chapter 237, Montana Session Laws, 1961) LAN 8 LAN 8 1964 Declaration of Vested Groundwater Rights TATE FIGHT TATE (Under Chapter 237, Montana Session Laws, 1961) LAN 8 1964 Declaration of Vested Groundwater Rights TATE FIGHT TATE (Under Chapter 237, Montana Session Laws, 1961) LAN 8 1964 Declaration of Vested Groundwater Rights TATE FIGHT TATE (Town) County of LAN A	 	## 	Salar Sa
ADMINISTRATOR OF GROUNDWATER CODE Declaration of Vesied Groundwater Rights TATE LNGTHEF (Under Chapter 237, Montana Session Laws, 1961) FINAR FHEINANEN (State of MIO. NIANA 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 Decreed. 3. Date or approximate date of earliest beneficial use; and how continuous the use has been thuous the use has been 4. The amount of groundwater claimed (in miner's inches or gallor 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 Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. 7. The date of commencement and completion of the construction of the well, wells, or other works for with drawal of groundwater B. The depth of water table 9. So far as it may be available, the type, size and depth of each well or the general specifications of an other works for the withdrawal of groundwater 10. The estimated amount of groundwater withdrawn each year Values 10. The estimated amount of groundwater withdrawn each year Values 11. A section of the well or the general specifications of an other works for the withdrawal of groundwater 12. 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 14. The amount of groundwater withdrawn each year 15. If used for irrigation, give the acreage and description of the construction of the well withdrawal.	ADMINISTRATOR OF GROUNDWATER CODE Declaration of Vested Groundwater Rights TATE ENGINEER Declaration of Vested Groundwater Rights TATE ENGINEER (Under Chapter 237, Montana Session Laws, 1961) LAMAR FAMELINALIE N. (Address) County of LIC LOCAN State of MIA. A. A. A. A. Dave 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 Declarations. 3. Date or approximate date of earliest beneficial use; and how continuous the use has been groundwater claimed (in miner's inches or gallor per minute). Sec. T. LAR. 36 Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. 6. The means of withdrawing such water from the ground and the count of acres. 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 available, the type, size and depth of each well or the general specifications of an other works for the withdrawal of groundwater. 13. So far as it may be available, the type, size and depth of each well or the general specifications of an other works for the withdrawal of groundwater.	ile No		'T R 38
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State of INICATION AND AND AND AND AND AND AND AND AND AN	County of D. C. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		Declaration of (Under Chapter	Vested Groundwater Rights TATE ENGINEER 237, Montana Session Laws, 1961)
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and place of use, if possible. Each small square represents 10 acres. 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1. 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 available, the type, size and depth of each well or the general specifications of an other works for the withdrawal of groundwater. 10. The estimated amount of groundwater withdrawn each year.	and place of use, if possible. Each small square represents 10 acres. 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 available, the type, size and depth of each well or the general specifications of an other works for the withdrawal of groundwater.			lands to which water has been applied and name of the own
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other works for the withdrawal of groundwater /\$5 /\$5 7 10. The estimated amount of groundwater withdrawn each year	other works for the withdrawal of groundwater /3.5.4.7	-	water table	1805T
10. The estimated amount of groundwater withdrawn each year Varies.		other works f	or the withdrawal of grou	ndwater
	10. The estimated amount of groundwater withdrawn each year	40 [7]		

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 Cinca Heinauen

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.

STATE OF MONTANA SS.

County of Big Horn Ss.

The within instrument was filed In my office at Hardin, Montana, this

DEC 3 1 1963 day of

A.D. 19____

County Recorder

Testiffengle Deput

upper house

County By House

Or DRILLER'S LOG

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD ALLOWAGES

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

	Indicat	e "	tne c	naractei	(,) 0	olor,	THICK-
	ness o	fst	rata s	uch as	soil,	clay,	sand,
gotte hut hon	gravel,	. si	nale,	sandsto	ne,	etc.	Show
	depth	at	which	water	is	found	and
				h water			
	_						

(Under Chapter 237 Montana Session Laws, 19	761, as amended)	Top of	Ground	(Elev. above sea level)	
This form to be prepared by driller, and three by the owner with the County Clerk and Record	copies to be filed	From (Feet)	To (Feet)		
which the well is located, last copy to be retain	ed by driller.		~		
Please answer all questions. If not applicable, so form may be returned.	state, otherwise the				
Owner For A	ministrator's Use				
Owner For Address File 2	(// C/)				
Address	7000				
hus	e 25,1973			<u> </u>	
Date well started 1GW 1	2:150,00				
1	, , , , , , , , , , , , , , , , , , ,				
completed					
Type of well drilled (Dug, driven, t	***************************************				
(Dug, driven, t	ored or drilled)	ļ			-
Equipment used(Chura drìli,	rotary or other)				
Water Use: Domestic 🔯 Municipal 🗌 Stoc					
Industrial ☐ Drainage ☐ Other ☐*					
	•				
*Describe					
USE: If used for irrigation, industrial, drainage state number of acres and location or other	or other. Explain,				
and Addition).					
and Addition)					
ESTIMATED ANNUAL WITHDRAWAL	***************************************				
Size of Size and From To Drilled Weight (Feet) (Feet)	PERFORATIONS	-			
Hole of Casing Kind	From To (Feet)				
4 4					- 1
Sleet IT	1				. 1
		ļ			
N					
Static water	levelft.	*			
at	2gallons per minute				
measured .	minutes after pumping				
w began. *Measured	from ground level.	-	 		
Well devel	aned by		 		
	hours.	p			
	Gravel packing, cementing				
s packers, ty	pe of shutoff)		 		
\$ 10					
T/-NN.RE			ļ		:
	E LICE LE DOCCIDIC	···			
INDICATE LOCATION OF WELL AND PLACE C EACH SMALL SQUARE REPRESENTS 40 ACRES.	or use, ir pussible.	\$65			
Driller's Signature Lun	1		 		
Driller's Signature	1		1		
Driller's Address		<u> </u>		<u> </u>	
\				Show exact depth of bottom	

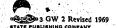
240480

STATE OF MUNIANA (ss. Counts of Big Horn)

The within instrument was filed in my office at Hardin, Montana, this day of

JUN 25 1973 A.D. 19...

County Recorder



RECEIVED

(Elev. above sea level)

DRILLER'S LOG

Indicate the character, color, thick-

depth at which water is found and

ness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

height to which water rises in well. Developed after January 1, 1962 (Under Chapter 237 Montana Session Laws, 1961, as amended) Top of Ground This form to be prepared by driller, a by the **owner** with the County Clerk as which the well is located, last copy to

This form to be pre by the owner with t	he County (Clerk and	Recorder i	in the coun	filed ity in	From (Feet)	To (Feet)	<u></u> ;	
which the well is loo Please answer all que	estions. If n	opy to be ot applica	e retained ble, so stat	by driller. e. otherwis	e the			ے نے شہ رسا سے بہتے ہیں ہے۔ ہیں ہے کا کیا سا 1146 اسا سے النہ ہے۔ ا	
form may be returne	d.			-,					
Owner mada	o John	م	F A I1	nistrator's U					_
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Address Theyala	ern Wi				1 1				
***************************************			hane é	75/197	<i></i>				
Date well started La	skou	.Д	w 1 2.:	109.22					_
	. 11	- 1		<i>'</i>	l i				
Type of well	1000								_
		(Dug	, driven, bored	or drilled)					
Equipment used		(Ch	urn drill, rotan	or other)	********		 _		
Water Use: Domesti	c⊠Í Mur	nicipal 🔲	Stock 🔯] Irrigatio					
Industrial 🗀	•		,						_
_		☐ Oth		Garden/Lav	^				
*Describe									
USE: If used for irr	rigation, inc f acres and	location o	rainage or or other da	other. Ex ta (i.e. Lot,	plain, Block		ļ.——		
and Addition).									
ESTIMATED ANNUAL	WITHDRAW	Λ/Δ1							
	From (Feet)	To (Feet)		ERFORATION					
Size of Size and Weight Hole of Casing	(Feet)	(Feet)	Kind Size	From (Feet)	To (Feet)				•
ench Hund	4	,	Size	(Feet)	(Feet)			·	
				}]				
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						<u> </u>			•
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					ft,* ft,*				
					per minute, er pumping		ļ		
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		we		n ground l 1 bv	evel. 		┼		
	XI	for .	•	hours.			ļ		
					HF cem enting				
, s		pack	cers, type o						
E 1/4,1/4	Sec. 글 O								
7. <u>E 14. 14</u> T. <u>1</u> X. N. R.	⊒₹.& 7-	·····	• • • • • • • • • • • • • • • • • • • •			·	 		
INDICATE LOCATIO	•	•	ACE OF L	JSE, IF PO	SSIBLE.				
EACH SMALL SQUA				•			1		
Driller's Signature	unk	bus	<u> </u>						
Driller's Address	11						<u> </u>		
					••••••			Show exact depth of bottom	
			LICENS	E NO					

FIATE OF MUNIANA LSS.
County of Big Hern LSS.
The within instrument was file.
In my office at Hardin, Montana, this

JUN 25 1973 A D 10

2 10 o'clock M.

County Recorder

By alasty Jakes name

.

ADMINISTRATOR OF GROUNDWATER CODE

MO TO DESCRIPTION OF INDICATE THE Character, color, much pass of strata such as soil, clay, sand, sandstone, etc. Show

RESOURCES AND CONSCRIPTION OF ness of strata such as son, cray, such at ATER

ATER

ATER

ATER height to which water rises in well.

Top of Ground

To (Feet)

No Log Available

From (Feet)

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended) This form to be prepared by driller, and three copies to be filed by the **owner** with the County Clerk and Corder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned. Owner Westmoreland Resources For Administrator's Use Address Box 449 ile 240569

Hardin, Montana 59034 Date well started drilled completed Not known Type of well (Dug, driven, bored or drilled) Equipment used (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial № Drainage □ Other □* Garden/Lawn □

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). May put in mas pump

200,000 ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled	Size and Weight	From (Feet)	To (Feet)	1	PERFORATIONS	3
Hole	of Casing			Kind Size	From (Feet)	To (Feet)
	N					
w			Pum at mea beg	ping wate sured	vel125 r levelgallons p .minutes afte m ground le	er minute er pumpin

Well developed by for hours.
Power Pum Pump... Remarks: (Gravel packing, cementing packers, type of shutoff) ..¼ Sec.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE, EACH SMALL SQUARE REPRESENTS 40 ACRES.

Not lower Driller's Signature Driffer's Address LICENISE NO.

200 Show exact depth of boutton	200	Show	exact	depth	of	botton
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5 4,566

County of Big Horn \ ss.

The within instrument was find my office at Hardin, Montana, the JUN 28 1973 day of the county of the state of the county of the c

County Recorder

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File No				T /N R 38	ک کا ایسان کا ایسان کا ای
DUPLICATE				County Big H	Carpen
3	S	STATE OF MON	TANA	,	
\$	ADMINISTRA		UNDWATER COL	1 1 1 1	U)
• {				JAN & 196	
	Declaration ((Under Chapte	of Vested Green 237, Montana	oundwaier Rig Session Laws, 19	phisstate engl	NEER
·			- 		
1 Murle C	Conf	, of a	Thember	in Toward	
/ (Name of	Appropriator)		(Address)	/ (Tow	n)
have appropriated grants:	roundwater accord	ing to the Mon	tana laws in effec	t prior to January 1, 19	962, as fol-
N	2	. The beneficia	l use on which th	e claim is based	
		Stor	19 Juan	eru	
 	_ 3			rliest beneficial use; and	
 		tinuous the u	se has been	dally	
w	E		wy 1958	2n Wester	Teaunt
[imed (in miner's inches	
	 	per minute)	1. Egal I	ga Bu musa.	
 					
<u> </u>				e acreage and descript applied and name of	
S.E. 14 Sec. 33 T.L.	ND 40-E			- for tirings	
Indicate point of appro				· · · · · · · · · · · · · · · · · · ·	
and place of use, if	possible, (6. The Aleans of	f withdrawing suc	h water from the groun	nd and the
Each small square representation	esents 10	kocation of ea	ich well or other	means of withdrawal	
		- dideany	i y da	lata	
7. The date of commendate of groundware drawal draw	· / / / / /	- 1960	struction of the w	ell, wells, or other work	s for with-
*******************************		ly			
8. The depth of water	table	o ft	2	Sefet	
9. So far as it may be	available, the type,	/ size and depth	of each well or	// the general specification	ons of m y
1 25 /	deg 1	en Casa	ing:	elleS	**************************************
2 15 /	desp	Goe Hola	ig dist	led by ha	****
10. The estimated amou		· ·			
17 Mha law of formation	s encounterea in t	ne arming dies	ich well if availab	ie	
11. The log of formation of 22' Auril 2'	\$28' Coal 28'	5 47 grayala	10 to 200 gran	245/20 sand	y Jan In

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

Signature of Owner.

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

reference to books and page of any county record.

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 Big Hora

The within instance the fact in my office at Hardan, Montains this

DEC 1 9 1963

2:25 o'clock M.

January E. Carlor

County Recorder

Public Manuary Deputy

RECEIVED

County Big Hom.

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE JUL & 1973

DRILLER'S LOG

Indicate the character, color, thick-ADMINISTRATOR OF GROUNDWATER CODE

MONTANA WATER RESOURCES BOARDONTANA DEPARTMENT OF NATURDAY SHALE, sandstone, etc. Show APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

Indicate the character, color, thick ness of strata such as soil, clay, sand ness of strata such as

	hapter 237	Montana	Session L	aws, 1961,	as amende	e d)	Top of	Ground	(Elev. above sea level) 35	30
by the own e	o be prepa er with the	County	Clerk and	Recorder i	n the coun	ty in	From (Feet)	To (Feet)	Company (Company) Company (Company)	
which the w Please answ		The second second							Log Net Available	
form may b			or applica	ible, so star	e, omerwisi	e me				
						ļ				
Owner Wes	strorelan	d Rescu	aces -	For Admir	nistrator's U	se]				
Address Box	x 449		- -	ile 240		—— i				
					,	1 1				
Her	rdin, Mon	tana S	9034	AU111	28,14	<u> </u>				
Date well s	Jantaal :		را	wir W	. 25 5.	,				
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comp	pleted MOT	ianovn.	<u>l.</u>							
Typo of we	, dril	led				· 1				
Type of we	**************************************	•	(Dug	g, driven, bored	or drilled)					
Equipment	used NOS			horen delli	u ne nthan			 		
Wæ vulse:	Domestic	DAG AA	(C) Caleinal C	nura orul, rotat)	y or omer)					
use:	Pomesiic	1V/UI	merhar [7]	SIOCK _] Irrigatio	끼니				
Indu	ustrial 🔲	Drainage	☐ Oth	her 🗆*	Garden/Lav	⁄n 🖾		 -		
*Decribo										
	ed for irrig									
ose: it use state r	number of a	arion, ind	location	arainage or or other dat	other. Ex ta (i.e. Lot,	plain, Block		 -		
	Addition)					4 a				\dashv
ESTIMATED	ANNUAL Y	VITHDRAV	VAL30	0,000 gal	lons	*******		 -		
Size of Drilled	Size and Weight	From (Feet)	To (Feet)	P	ERFORATION	s		 -		-
Hole	of Casing	((2.23)	Kind	From	To		 -		
ì)			Clas	(770.04)	(370.04)				
ļ	ļ ļ]	Size	(Feet)	(Feet)				
				Size	(Feet)	(Feet)				=
}				Size	(Feet)	(Feet)				
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				Size	(Feet)	(Feet)				
	N			Size	(Feet)	(Feel)				
	И			ic water lev	(Feet)	(Feet)				
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X	N		Pun at .	ic water lev	velgallons	(Feel)				
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w X	N		Pun at . mea beg E *Ma	ic water lee nping water assured	vel	ft.* per minute, er pumping evel.				
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INDICATE EACH SMA	S NW 1/4 Se NR R LOCATION ALL SQUARE	32 38 OF WEL	Pun at	stre ic water leveloping water assured from it developed ver electr narks: (Gravkers, type contact in the c	vel 93 r level	evel.				

..... LICENSE NO.....