GW 2			Approved	Stock Form-	gradient 🐤	g Co., Helena,		
File No)			•	Т	32 M	R. 16	5 7
DUPLI	CATE	4	que tour	site	(County /	144	n.e.m.
		, (STATE	OF MONT		EGEI	MEIU
	•	•	ADMUNIS'	TRATOR (OF GROUI	NOWATER		
	Top of Ground		OF.	FICE OF	STATE E	ngineer —	SEP 28	1964
	(Elev. above sea level	, I	Notice of	Compl	etion c	of Grou	ındwat	er
0			Approp	riation	by Mo	eans of	Well	ineer
0 19 19	Soil		(Under Cha					
15	SANDY BROWN CLAY							21
19	RUNNY SAND-TRACE		DAVIO H.					
	OF WATER	Drille	LINE DRIVLI	NG SERV	$ic \epsilon_{ m Addres}$	HAYRE	Mon	ITANA
22		-						
<u>3</u> 3	SILTY BROWN CLAY		Notice of Approp			_	_	
26	GREY SAND-TRACE OF	Date we	ell started SEP	7 12,196	Date Co	ompleted 📯	EPT / 7	3.1964
-	BRAVEL + WATER	Type of	well DRILL	ED	Equipn	ent Used.	ABLE TO	204 RIG
4/	BLUE-BREY CLAY (SOFT.	(dug, d	iriven, bored or		(Churn other)	ı, drill, rotar	y or	
44	GREY SAND - GRAVEL -		•				_	
-	WATER (APPROX 12 GPM)	/Water 1	Use: Domestic Industrial	Mu:	nicipal 🔲 ainage 🗍	Other Stock		rigation [
_	(1.0 PPM IRON-SHUT OFF			_	· -			
19	GREY CLAY		licate on the di net with in drilli					
57 59	SILTY GREY CLAY		epth at which wa					•
59	SAND & COARDEGRAVEL	bearing	strata and heigh	it to which	water rise	es in the w	ell.	
63	SILTU GREY CLAY	ize of	Steems 1	Venm.	To	,		
64/2	COARSE GRAVES. D	rilled Hole	Size and Weight of Casing	From (Feet)	(Feet)		ERFORATION	
	VANSINGO ARIG SILTY		6 1/8" I.D.			Kind Size	From (Feet)	To (Feel)
	SANO. (UNABLE TO CLEAR)	648	משונים שניים	0	79	No Pa	RFORA	TIONS
67	GREY SAND, SILT & COAL PA	RFICE	FOOT			CASIN	6 SET	DIRECTLY
76	GREY CLAY			. •	ABOVE	SAND	STONE	1 - 19FT.
22	YELLOWISH-BROWN SHALL	7			SAND	STONE	FROM ?	79-88
88	BROWN SANDSTONE,				LEFT	- OPEN	· (NOT	CASED)
-	WATER - APRROX "116PM	Str	ıtic Water Level	for non-flo	wing Well	//		feet
I		7					DIIDA	א אש
-	NOTS 28+29	1	ut-in Pressure fo			_		
-	NOTS XX PXT	Pu	mping Water Lev	_{/el} 77	fce	t at/0	gal. r	er minute.
-	BLOCK 3	. Die	scharge in gal. pe	ermin of	flowing we	11 16-	APPLIC	ABLE
-	W A TOTAL TO	E	Rod	my P) 	***************************************	10 1	Luce
-	7 AYLORS N. HAVRE	Ho	w Tested BAL	SKTLU	M.ELengt	th of Test.		<u>ours</u>
-		Re	marks: (Gravel					
-		<u> </u>						l, and any number of
-		1		-		•		
-	s s	ال -				igation)(4		
-			44 FT L	LEVEL (ASED O	FF Du	E 70 2	RON
-	Indicate location of well and place of use, if possible. Each		+ HARDNE	ማርር ድ	64K =-	المذيرا	SHUT 1	EE Dun
<u> - </u>	small square represents 10 seres	1.	•			^		
88	YELLOWISH-GREY SHALE BEX	ow 88	TO CONS	IDERAS	LE SILT	ING CON	ID.IT.ION.	*************
00	Show exact depth of bottom.	0			***********	46	***********	
	HARDNESS 7 GR. PER C IRON 0.3 PPM	ASLON			Driller	's License	Number	
	IRON 0.3 PPM				A	Endert	- grei.	24.1
	P.H. 8				Driller	's Signatur	e	Tolkes areas and a

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.

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.

Doc. No. 400400

DAVID H. TURNER

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUNDWATER AFPROPRIATION BY MEANS OF WELL

STATE OF MONTANA,)ss. COUNTY OF HILL Filed at 10:30°clock_2.m.

GW #	•		
FILe	NO.		

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

JAN 13

	0			(un	DEC	Ch.	RATIO Apter	ON OF	VESTED GROUNDWATER RIGHTS , Montana Session Laws, 1961) STAJE FIGUREER
1. 6	Tau		ne	<u>e 7</u>	1	1	14	ler	, Montana Session Laws, 1961) STAJE FECINEER 1, of 199 7AALE A (Town) , State of MONYANA riding to the Montana laws in effect prior to Jan.
	(Name County	rof			C) L	_			State of MONYANA
	Have a 1, 196	ppro	priat	, , , , , , , , , , , , , , , , , , ,		ndw	ater	acco	rding to the Montana laws in effect prior to Jan.
		 -	N 		 1	I		2.	The beneficial use on which the claim is based
		+		+-		\dashv			Date or approximate date of earliest beneficial use; and how continuous the use has been
		×	X						1960
W				T		\neg	E		
						\exists	•	4.	The amount of groundwater claimed (in miner's inches or gallons per minute)
								5.	If used for irrigation, give the acreage and description of the lands to which water has
			S						been applied and name of the other thereof
W	1 #SE	Sec	14	<u>r_3</u>	<u> 2 n</u>	<u> </u>	•		
tion ible	cate p and p Eac s 10 a	lace h sm	of uall s	se,	if p	ce	S 9	6.	The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
7.									etion of the construction of the well, wells, or ndwater
8.	The de	nth	of wa	ter	tab	10		18	do or
9.	So far	as	it ma	y be	ava	ail	able	, the	type, size and depth of each well or the general for the withdrawal of groundwater
10.	The lo	og of	tod a	natio	ns e	enc	ounte	iwate ered	r withdrawn each year 360 000 in the drilling of each well if available
12.	Such o	ther	info	ormat	ion	of	a s	imila feren	r nature as may be useful in carrying out the pol-
									71
							na tu	re of	Owner Lawrence Walay.
									Dato Dec 31-1963
Than	a conf	- t	n ha	£47a	d h	. +	ha ~	mos	with the County Clark & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

397102 LAURINGE L. WHALEY

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANT SS.
COUNTY OF HILL

If its of at // o'clock am.

ON DEC 31 1963

COUNTY CLERK

DEC 31 1963

FEE: \$2.00 pd.

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. .

CM_4 FILE	STA ADMINISTRAT OFFICE DECLARATION OF (Under Chapter 237,	TWP 32 RGE N. of 16 E.M.M. COUNTY Hill ATE OF MONTANA FOR OF GROUNDWATER CODE OF STATE ENGINEER VESTED GROUNDWATER RIGHTS , Montana Session Laws, 1961) STATE Endings , of 174 Farley ave. Havre (Address) (Town)
	(Name of Appropriator)	(Address) (Town)
	Courty of Hill	State of Lontana
	1, 1962 as follows:	ding to the Montana laws in effect prior to Jan.
	N 2.	The beneficial use on which the claim is based House hold and dirication (5) five wells
	3,	use; and how continuous the use has been
W	E 4.	inches or 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
異	H SN Sec 4 TAINRILE MM.	O. 97
Indi tior ible	cate point of appropria- and place of use, if poss- Each small square repre- ts 10 acres.	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 complete the other works for withdrawal of ground the others of the others.	etion of the construction of the well, wells, or dwater well five consletted and 13, 1956
8, 9•	The dapth of water table	type, size and depth of each well or the general for the withdrawal of groundwater
	The endirated amount of groundwater the log of formations encountered the log of the second s	withdrawn each year in the drilling of each well if available
12.		r nature as may be useful in carrying out the pol- ce to book and page of any county record
	Signature of	Owner Thanks Hynin
_		Date 12-31 7 63

Three copies to be filed by the owner with the County Clerk & Recordér of the County in which the well is located.

PLEASE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SO STATE, OTHERWISE THE FORM WILL BE RE. TURNED.

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

W_4 FILE	NO. TWP 32 RGE N. of 16 E.W.M. COUNTY Hill
	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER COUNTY H311 JAN 1 3 1854
	DECLARATION OF VESTED GROUNDWATER RICHTS (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER
1.	
	Charles Wynia & Violet Mae Wynia , of 174 Farley Ave., Havre (Name of Appropriator) (Address) (Town) County of Hill ,State of Montana
	have appropriated groundwater according to the montana lates in effect prior to van.
	1, 1962 as follows:
	2. The beneficial use on which the claim is based House hold and dirigation (5) five wells
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been
W	though some wells haven't been used for
"	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
	5. If used for irrigation, give the acreage and
22	description of the lands to which water has been applied and name of the owner thereof
	\$ 5W Sec 4 T 31NR IL E.MM, 0.86
Indi tior ible	cate point of appropria- and place of use, if poss- . Each small square repre- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
sent	s 10 acres. <u>motor drive pumps</u>
7•	The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well five completed Ang 13, 1954, the others were prier. (new well started Ang 63 but not in will be #6).
8.	The depth of water table 56ft.
9•	So far as it may be available, the type, size and depth of each we'll or the general specifications of any other works for the withdrawal of groundwater. (1,2,3,4,) not known 5 28 861
7.0	
11.	The estimated amount of groundwater withdrawn each year
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 Elasto Williamin
	Date 12-31 763
	e copies to be filed by the owner with the County Clerk & Recorder of the County in h the well is located.
PLE/ TURI	SE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SO STATE, OTHERWISE THE FORM WILL BE RE.
Orig the	inal to the County Clerk & Recorder; duplicate to the State Engineer; Triplicate to School of Mines and Quadruplicate for the Appropriator.

CHARLES & VIOLET VYNIA

TO

THE PURLIC

DECLARATION OF VESTED GROUND ATTER BIGHTS

TATE OF MONTAN (1) cs.
COURTY OF HILL

Without on 1/2 o'clock & on.

COURTY HIER

COURTY HIERK

FER: 12.00 pd.

FT NO.

TOP 32 ROE 16

STATE OF MONTANA AIMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

1.	(Name of Appropriator)		(Adams) Or Moth Home
	County of		State of pring to the Montana laws in effect prior to Jan.
	have appropriated groundwate 1, 1962 as follows:	r acco	ording to the Montana laws in effect prior to Jan.
	N	2.	The beneficial use on which the claim is based
			Household & golden
		3.	Date or approximate date of earliest beneficial use; and how continuous the use has been
	I		1959 Continuor
W	E		The amount of groundwater claimed (in miner's inches or gallons per minute)
			-30 got 11.m.
		5.	If used for irrigation, give the acreage and description of the lands to which water has
L. 32.0	waterake of it at		been applied and name of the owner thereof
	Sec T R		
tio	icate point of appropria- n and place of use, if poss-	6.	The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
	e. Each small square repre- ts 10 acres.		means of withdrawal Green pump.
	The date of commencement and		letion of the construction of the well, wells, or
7•	ether works for withdrawal c		
,	ether works for withdrawal o		7.
7. 8. 9.	The depth of water table. So far as it may be available specifications of any other	e, Que works	type, size and depth of each well or the general for the withdrawal of groundwater
8.	The depth of water table. So far as it may be available specifications of any other	e, Que works	type, size and depth of each well or the general
8.	The depth of water table. So far as it may be available specifications of any other	e, the works	for the withdrawal of groundwater

Three copies to be filed by the swner with the County Clerk & Recorder of the County in which the well is lecated.

PLEASE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SO STATE, OTHERWISE THE FORM WILL BE RE... TURNED.

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

RENE BEAUCHERE

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RICHTS

PATE OF MONTHNIA)

EF: {2.00 pd.

RECEIVED

MAR 2 1972

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

MONTANA WATER RESOURCES BOARD ONTANA DEPARTMENT OF NATURES of strate such as soil, clay, sand,
NOTICE OF COMPLETION OF GROUNDWATER

APPROPRIATION BY MEANS OF WELL

MAR 2 1972

Indicate the character, solor, thickheight of strate such as soil, clay, sand,
gravel, shale, sandstone, etc. Show
depth at which water is found and
height to which water rises in 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 (Elev. above sea level)
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	From To (Feel)
which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the	O TO 8 EXISTING WELL PLT
form may be returned.	18 last Grey Clay
OWNER ARTHUR DE LONG	11 BAOWN SAND- SOME
For Administrator's Use	WATER - (CASED OFF)
Address 647 5TH AVE. No. File 423862 Mar. 1.02	33 SAMOY BROWN CLAY
	37 GROWN SAND-THACE OF
HAURE, MONTANA 1075 am	GRAVEL - WATER - NOT
	CEANING - (CASEO OFF)
Dale well started 10/4/71 GW 1	6 Savoy Brown CLAY
10/0/01	62 Brown SAND - SOME WATER
completed 10/8/71	- TO SAMON +GRAVELLY BEOWN.
Daules	14 STALEY EXOUN SANDSTONE
7 7 W 17	16 FINE-GRAINED SANDSTONE
Equipment used CABLE TOOL RIC	85 SHALEY DIES SANDSTONE-
(Churn drill,	ANTER-APPROX. 1/2 GPOI
and the second s	SS'M HARD LIANESTONE SHELL
Water Use: Domestic 🔀 Municipal 🗌 Stock 🗍 Irrigation 🗍	89 SANDY GREU SHALE -
Industrial To District To Oil 17th Oil 17th 17th	WATER-APPROX YEGEN
Industrial 🗍 Drainage 🗋 Other 📑 Garden/Lawn 🔀	91 BLUE-GREY SHALE
*Describe	25 SANDY BING- GREY SHALE-
USE: If used for irrigation, industrial, drainage or other. Explain,	97 BLUE-GREV SHALE
state number of acres and location or other data (i.e. Lot, Block	100 SANDY LT. BOWN SHALE
and Addition).	103 GREY SHALE
	VOS SANDU GASU SAACE -
ESTIMATED ANNUAL WITHDRAWAL 600,000 LALLONS	unter-Herry Hela
Nice of Sice and Pross To TERFORATIONS	NOTE: HOLE PANLED
Holy, of Coulog	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	OF MORE WATER BRITO
THE PER BELLIO 11	No Avail . PICKED UP SAFALL
FT. GROUND 7/	YIBLD OF 1/2 GPAI IN FIRM
m 0/ 11 n	SANDSTONE AT 131-141 FT
	KAVEL BUT DIO NOT WARRY T
8/4 PVC 65 105 1/6 76 103	CANNE RIGHL TO THIS PEPTH.
160 = 60 103 DAILLED 16	PLUGGED HOLD WITH GRAVEL
	BACK TO 106 ET. LAVEL,
N 21	INSTALLED PERFORATED
	ft. PACKED + CENIENTED +
Pumping water level	ute. CONPLATED WELL
at 2, 4 gallons per minimeasured 2, minutes after pump	U18, 108//PC# 720 10 2/22
measured with minutes after pump began.	²⁰⁰
*Marriand from ground level	
Well developed by MER + Pan	
for 3 hours	1 1 1
Power LECTAIC Pump. 3	
Remarks: (Gravel packing, gementi	ing,
packers, type of shutoff) Hoca	MANNED TO 814" DIANISTER FROM
71-105 FT LEVEL. PER	HEANTED TO 814" DIANTETER FROM FORTED TO 814" PVC DASING INSTAULD
NE VA Sec. S TORAUEL PACKED PROM 1	OS BACK TO THE LEVEL. PUT
1.33 NR / E COARSE SAND FILLER ABO	WE GRAVEL TO 72 1/2 FT TO HOLD
5 W BETWEENSTEENS	UMICH WAS PLACED ABOVE FILLER
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE SEACH SMALL SQUARE REPRESENTS 40 ACRES.	NOM TERET BACK TO TOP OF
Driller's Signature Hundert France - HI-LINE DAYLING SERVICE	1 1 1
Driller's Address /173 67# 57. No	
Dillier's Address	100-
HAURE, MONTANA LICENSE NO. 46	Show exact depth of bottom

ARTHUR DE LONG

TO

THE PUBLIC

WATER WELL

CHINTY OF HILL

120 10:15 clock An

MAR 1 1972

R. F. Blom

COUNTY CLERY

COUNTY CLERY

DET 1973

Fee:\$2.00 pd.

上をひちょっち

	of Vested Groundwater Rights ENGINEER
Man Court Die County of James of Appropriate	of 23H 72 State of 23H 72 State
ave appropriated groundwater a	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 Many
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
8 4 52 . Sec. 5 T .22 . R ./6 .	to which water has been applied and name of the owner thereof
ate point of appropriation place of use, if possible, 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
The date of commencement and crawal of groundwater	completion of the construction of the well, wells, or other works for with-
verks for the withdrawal of grou	e type, size and depth of each well or the general specifications of any other andwater
	water withdrawn each year

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.

5266

Date Sept 11 1463

MRS. ANNA DRAEGER

TO

THE PUBLIC

DECLARATION OF VESTED GROUND WATER RIGHTS

SYATE OF MONTANA, 202.
COUNTY OF HILL
Filed et 2:30 clock Pm.

ON SEP 1 1 1963

R. E. Blom

Fee:\$2.00 pd.

3 GW 2 Revised 1969

,	APPKOPKI Deve			:ANS OF ry 1, 1962			201496	heron!	to which water rises in well.	
(Under C	Chapter 237	Montana	Session	Laws, 196	l, as amend	ded)	Top of	Ground	(Elev. above sea level)	
by the own	ner with th	e County	Clerk an	d Recorder	opies to be in the cou by driller.	nty in	From (Feet)	To (Feet)		
Please ansv	wer all ques	stions. If r			ate, otherwi		01	5 2	36/4	
•	be returned							15	SANDY BROWN CLAY	
Owne H	res + ba,	YNEUE Å	DURUM	For Adm	ninistrator's l	Jse		18	BROWN SAND + SILT-	
ک کی Address	05 57	4 57,	No	File 4259	168				VERY LITTLE CLAY	
	ire, Me	,		Oct.6,1.	992 314	5pm.		21_	SANDY GREY CLAY-	
Date well :	started	4/16/	70	GW 1	*******			23-	HUNNY GREY SAND-	
com	pleted /3	128/7	0						WATER	
	ell DRI	•	-		ed or drilled)			38_	SILTY CREY CLAY	
Equipment	used C	ABLE	700	L R16	\$			22	GREY SILT + SAND - Some GRAVEL - WATER	
Water Use	: Domestic	S€1 AA	»] nicipal	Churn drill, rot		ion 🔲	 			
	•		•				ļ	34_	SANDY GREY CLAY	
Indi	ustrial 🔲	Drainage		ther []*	Garden/La	wn 檱		36	GREY SANO-GRAVEL	=
USE: If use state	ed for irrig number of	gation, inc acres and	lustrial, location	drainage of or other d	or other. E. ata (i.e. Lot,	xplain, Block		<u>39</u>	GREY SILT	
and A	Addition)	***************************************		••••••				40	GREY SANO - SOME	
ECTIAN ATEN	\	WITHUBAN	WAL /	5500.	000 G	MIOUS	<u> </u>		GRAVEL - WATER - APPROX. 6 BPM	
Size of	Size and	From (Feet)	To (Feet)	1					HARDNESS - 426R.	
Drilled Hole	of Casing	(Feet)	(Feet)	Kind	PERFORATION From				SULTATE - MODERATE	
10"	1000	/ FOOT		A	Trace ZAM	To (Feet) EEL 20 SLOT L" WELL	}	45%	SOFT SAVOY GREY CLAY	
65/8"	698 0.0. BALYANTED	ABOUG	41	SCAGEN I	CHICKETING!	LEAD PA				
6/8	13ª FER	GALLOW P	//						GREY SAND-FINE TO COAKSY - SOME GRAVEL-	
	F	Level		BOTTOM O	SCREEN	WITH BOTT ALL LENGT TO FROM 46	W.OF		WATER - APPROX TGPM	
	J			UNIT-4P	T) INSTALL	FROM 46	3'_			
	 			70 30 0	From Groom	P OF CASING	Y .	50%	SANOY GREY CLAY	
,	N	-, j	7 Stat	アなわか iic water le	vel	3 .ft.*]			
			Pun	nping_wate	er levelgallons	*ft.			SCAREN INSTALLED FROM	
	Ì					er pumping			FROM TOP OF CASING,	
w		,		jan.		at	 -		GROUND LEVEL . WELL	
" [1	1		easured tro	om ground i	evel. Sugar	KOCK-		DEUGLOPED BU BALER.	
- {	Ì	X	for	12	hours.	AIR COMPR	FESOR		SURET BLOCK + AIR	
KIR	KWAD 7	RACT	Pov	NOTCECTRI	Pump. 2	4 HP			COMPRESSOR.	
B200	KI LO	オクト	Rer	narks: (Gra	vel packing	, cementing,			CONSIDERNELE AMOUNT	
L			23	kers, type	of shutoff) A DIAME	YOLE TOR	<u> </u>		OF FINE SAND & SILT	
NE	SE 1/2 ca	_ک	1).5; Er	LEVEL. L	PON COMPL	STOW OF			ALSO HAD QUITE A SIT	
T. 32	/N R	16 CE	وحارد	L ANNAL	AR SPACE	AROUND			OF CLAY PARTICLES.	
	Š	V V	6.98	CASING 1	FILLED NITH	t DAVILLAG A	740		MAKING CLEARING OF	
INDICATE	LOCATION	OF WELL	AND P	LACE OF	USE, IF PO	SSIBLE.			WATER A PROBLEM.	
EACH SMA	ALL SQUARE	REPRESE	NTS 40	ACRES.			 		OF 18-20 GPM	
Driller's Sig	gnature Alex				9/LLING S	ERVICE				
	dress !!!!		74 S7.		······································					
H	WRE.	MONT	ANA	11000	ENO 4/	6	_5	<u> うね</u>	Show exact depth of bottom	

CHARLES DURWARD & GAYNELLE A. DURWARD

TO

THE PUBLIC

WATER WELL

COUNTY OF HILL)

County of Hill)

Cled at 2:450°clock: P m

OCT 6 1972

R. E. Blom COUNTY CLERK

COUNTY CLERK

DEPUTY

Fee:\$2.00 pd.

CIDEXEE

File N	0	RECEIV	/ E D		T	<i>30</i> // 1	R 15 =	3
DUPLI	CATE	DEC 2 3 19	971		Cou	nty HT	LL	
-	Top of Ground (Elev. above sea level	ONTANA DEPARTMENT RESOURCES AND CON		RATOR O	OF MON'S OF GROU STATE E	NDWATE		
10 28 32 53 78	brown clay brown sandstone rock sandy blue shale sandstone and water	Owner Driller Date of Type o (dug, drille Water	Otice of C Appropriate (Under Cha JAMES ENGLAN SUPSON PAIL Notice of appropriate (12/1) f well DRILL driven, bored d) use: Domesti	Complication riation riation riation co riat	Montana S Addre Addre Addre Date Chur othe nicipal tinage c character	Session Lass NORTH I	oundwoof Wel aws, 1961) HAVRE LENTANA 1.2/3/19 CABLE cotary or Irrig coness of the	72ation []
- - - - -		cte. Sho water-b size of Drilled Hole	Size and Weight of Cesting	ich water i	s encounte o which th	red, thick e water ri	ness and chises in the PERFORATION From (Feet)	naracter of well.
 78	Show exact depth of bott	Indicate place of small squares.	s N Sec. T.3.2 location of well use, if possible, uare represent	S F I I I F P P P P P P P P P P P P P P P	ihut-in Pre 'umping W at 10 Discharge it Iow Tested ength of Temarks: ackers, typ fuse of gr ny, other actuding r sed for irr	ssure for Fater Level gal. pan gal. per la BATLI (Gravel coundwate similar per umber of	Flowing Wes 1. 65 per minute, min. of flo ER 3 hour packing, coff, locatio off, locatio rif not at retinent in acres in	feet. feet wing well cementing, n of place well, and formation, rigated, if
					Driller	Signatur	e e	0

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.

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 Appropriator.

JAMES ENGLAND

то

THE PUBLIC

Fee:\$2.00 pd

OMXHOR!

gw 🔛	Approved Stock Form—State Publishing	· ,
File No	т	32 N R 16 F
DUPLICATE	Com	nty. Hill
	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER	OECEIVED OCT 30 1963
Dec	claration of Vested Groundwater Rig (Under Chapter 237, Montana Session Laws, 1961)	g h& TATE ENGINEEI

	r)	of 3084 Hill North Side Haven (Address) (Town)
County of Hill		State of Hontan
have appropriated groundwater ac	cording to	o the Montana laws in effect prior to January 1, 1962, as follow
	•	•
N		
	2. T	The beneficial use on which the claim is baseddameatic
	•••	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	3. D	Date or approximate date of earliest beneficial use; and how co
	ti	inuous the use has been Sept. 20, 1958
		constant
, k	•••	
	4 T	The amount of groundwater claimed (in miner's inches or gallo
	-	per minute) 7 gpm
		CI IIIIIIC)
	•	
	5. I	f used for irrigation, give the acreage and description of the lan
8	t	o which water has been applied and name of the owner there
_		
1/5 Ph Sec. 5 72 R 16	••	

licate point of appropriation d place of use, if possible.		
ch small square represents 10		The means of withdrawing such water from the ground and
res.		ocation of each well or other means of withdrawal
		electric
The depth of water table	4 ft, type, size	c and depth of each well or the general specifications of any of drilled, 6" diameter, 99 ft. depth

		•••••
		2 470 200
	vater with	ndrawn cach year 3,679,200
The estimated amount of groundw		
The estimated amount of groundw	l in the d	drilling of each well if available. Glay sandstone
The estimated amount of groundw The log of formations encountered shale, gravel	l in the d	drilling of each well if available. Glay. sandstone.
The estimated amount of groundw The log of formations encountered shale, gravel	l in the d	drilling of each well if available. Clay. sandstone.
The estimated amount of groundw The log of formations encountered shale, gravel Such other information of a similar	l in the d	as may be useful in carrying out the policy of this act, include
The estimated amount of groundw. The log of formations encountered shale, gravel Such other information of a similar eference to book and page of any	l in the d	as may be useful in carrying out the policy of this act, included
The estimated amount of groundw The log of formations encountered shale, gravel Such other information of a similar eference to book and page of any	l in the d	as may be useful in carrying out the policy of this act, include
The log of formations encountered shale, gravel Such other information of a similar eference to book and page of any	l in the d	as may be useful in carrying out the policy of this act, include
The estimated amount of groundw The log of formations encountered shale, gravel Such other information of a similar eference to book and page of any	l in the d	as may be useful in carrying out the policy of this act, included

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.

CHARL S ARTHUR & DONALD GEORGE GAMEON TOPERA

THE PUBLIC

DECLARATION OF VESCED GROUND WATER RIGHTS

TATE OF MONTANA,)cs.

COUNTY OF HILL

Filed at 10 o'clock Am.

ONT 2 9 1963

R. E. Blom

Fee:/\$2.00 pd.

GW		pproved	e Stock Form-State Publishing Co., H	riena, Montana—38687
File	No 39/623	32 NRIGE	7.20	13
DU	PLICATE		County	D)ECETVE
	AI	STATE OF MON: MINISTRATOR OF GROUP		DEC 17 1962
<u>ن</u> ب	35	OFFICE OF STATE E	NGINEER S	TATE ENGINEEI
£)	Show Doelard	ion of Vorted Gr		ENGINEE!
		ion of Vested Gr		'S
1.4	Forder C. Morie No.	The state of the s		(<u>)</u>
1	Great Northern Rai	lway Company of j	75 E. 4th St. St.	Paul Minnesota
•	County of Hill	State	(Address)	(Town)
	have appropriated groundwate	according to the Montana	laws in effect prior to Jar	uary 1, 1962, as follows:
	N N	7	***	
3 •			se on which the claim is ba	
.	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	To Miles Trees on	W. A. govern	go anglis,
S		tinuous the use	mate date of earliest bene has been	licial use; and how con-

: [groundwater claimed (in r	
		per minuté)		
		- 17:	***************************************	
Ŀ			ation, give the acreage and has been applied and nam	
		N/A	nas been appried and had	16 Of the Owner thereof
	14 SW4 Sec. 26 T 30N R 13E	2010 Table 1000 - 1000 - 1000 - 1000 - 1000 - 1000		***************************************
and	icate point of appropriation place of use, if possible.	C The mann of a	ં vithdrawing such water fr	1
Encl	h small square represents 10	location of each	well or other means of w	ithdrawal.Well.at
:	Well at Box Elder	Box Elder a	nd Well at Havre	***************************************
-j.	(for location of We	ell at Havre, see r	everse side)	
7.	The date of commencement and drawal of groundwater		ction of the well, wells, of	
•				
8.	The depth of water table	<u>/A</u>	·	***************************************
9.	So far as it may be available,	the type, size and depth of	each well or the general sp	ecifications of any other
	works for the withdrawal of g	condenseswwrgwa		
			· ************************************	
		***************************************		······································
10.	The estimated amount of ground	idwater withdrawn each ye	er100,000 gallons	*******************************
11	The log of formations encounter	red in the drilling of each	wall if available N/A	
		***************************************	***************************************	
	***************************************	······································	······	***************************************
12.	Such other information of a sin reference to book and page of a	ny county record	***************************************	
				·····
			GREAT NORTHERN RAI	LWAY COMPANY
		Supe	rintendent of the	Butte Division
		- apo	Date//.	= 2 - 6 \(\)
Thre	ee copies to be filed by the own	er with the County Clerk	and Recorder of the count	v 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.

2739.

The Carlo Annual Carlo Angarés en la terration of the commence of the Carlo Ca and ware the experience of the control of the contr ing the state of the foreign contracting to the explosion The Cata of compared spaces of $N_{\rm c}$ Harry and Managara day of the es Cara lacanation of "fold an image of living" parade aide. ್ಯಚಿತ್ರ ಡಾ ನೀಡು ಪ್ರತಿಸಿಸಿ ican carrieros el higheran kallo SC (). Colloco ficano Model einer (dam), Colemanne ja Miljoupen og Bod (d. 1900) og Miljoupen og Miljourenspek I refuse out writes those the ground to be the The form applied depth (3) Location of Well at hisper out near of the example present Havre to the motors and describe the property of the second state of the second sec Well No. 2

SE‡ SE‡ Sec.5, T32N, R-16E

NE‡ Well No.9

SE‡ SE¢ Sec.5, T32N, R-16E

NE‡ Well No.9

NE‡ Sec.9, T32N, R16E

NE‡ Ne. 1956

NE‡ Ne. 1956

Settic level, 27'

Ne. 12* gravel wall well, 80' TC269. 12* drilled well,96'

NE‡ Ne. 1956

NE‡ Ne. 1956

Settic level, 27'

Ne. 1956

NE‡ Ne. 1956

NE. 1956

NE‡ Ne. 1956

NE. 1956

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NE. 1956

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NE‡ Ne. 1956

NE‡ Ne. 1956

NE 1956 Well No. SE4 SE4 Sec.5, T 32N., R16E 3. Nov. 5, 1929 4. 395 OPM 7. 9-30-29 - 11-5-29 8. Static level, 12'
9. 16" gravel wall well,
120' deep, cased 103'
0. 10,000,000 gallons n ideep, cased 61° quis at compact procedeep. of our row con-10,000,000 gallons 10. 3,000,000 gallors 10. 10,000,000 gallons
10. 3,000,000 gallors
11. See attached log sheet
11. See attached log sheet 1. See attached log sheet 2. The brook intues on which the claim is basoli-Mails basis in about and reaches at the helping of the first of the first of Note: The production the control of DECLARATION OF VESTED CROUND WATER RIGHTS

STATE OF MONTANA

COUNTY OF HILL

FILE OF MONTANA

COUNTY OF HILL

By

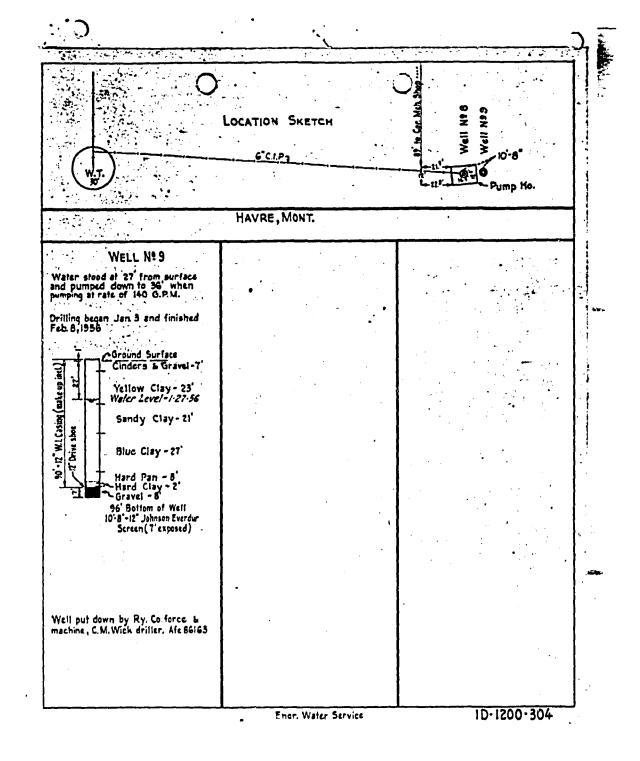
COUNTY OF HILL

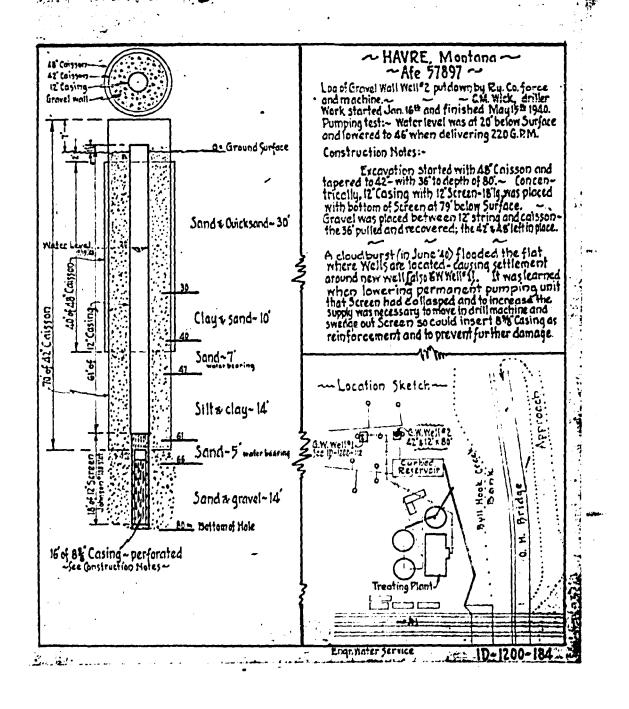
FEEST OF MONTANA

STATE OF MONTANA

COUNTY OF HILL

FEEST OF DEC 1.2 1962 Anode Jermanne Belling Rolling Company 3 Fig. 75. 1.75.





Committee to the committee of the

ID-1200-112

3 GW 2 Revised 1969

(Elev. above sea level) __

DRILLER'S LOG

1200 10 1773

Top of Ground

To (Feet)

ADMINISTRATOR OF GROUNDWATER CODE Indicate the character, color, thick-MONTANA WATER RESOURCES BOARD: CHAMA DOCUMENT OF TOTAL SOF STATE Such as soil, clay, sand, gravel, shale, sandstone, etc. Show NOTICE OF COMPLETION OF GROUNDWATER depth at which water is found and 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)

STATE OF MONTANA

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 is
which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable to state otherwise the

blace are all and attended to the telephone by difficilly.		
Please answer all questions. If not applicable, so state, otherwise the form may be returned.	0707	EXISTING WELL PIT
Owner HERMON & BETTY HEAD For Administrator's Use	/6	SROWN SILT + SAND -
Address 533 574 Ave. No File 427336	23	BROWN JAND-SATURATED
HAURE, MONTANA MARCH /4/975	25	SANDY BROWN CHAY
Date well started FEBRUARY 26, 1973 GW 1 9:00 A.122	27%	BROWN SAND-LARGE BRAVEL-WATER-
completed FEBRUARY 29, 1973		HIGH IRON CONTENT -
Type of well DRILLED (Dug, driven, bored or drilled)	79	
Equipment used CABLE TOOL THE (Churn drill, rotary or other)		GREY CLAY
Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐	379	
industrial ☐ Drainage ☐ Other ☐* Garden/Lawn 🕱	38	HARD BROWN SANDSTONS
*Describe		B18
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block	4/_	SANOY LT. BROWN SHALE-
and Addition)	4/5	BROWN SAMSTONE - WATER - APPROX 3 1/2
Size of Size and From To		GPM. MOST OF WATER
Drilled Hole Casing (Feet) (Feet) PERFORATIONS See From To (Feet) Feet) Feet)		LEVEL.
PVC BELDIN ICH Sho"	57	BROWN SANDSTONE -
O PLASTIC GROUND		TO APPROX. 9 GPM
160 # LEVEL DRILLED	67	BLUE- GREY SHALE
N		SANDY G. BROWN SHALE
Static water level 3	657	HARD SANDS TONE
at	NOTE:	WATER YIELD INCREASED OF BEANING
began.	Hol	e To 8" DIAMETER
Well developed by SALER 4- Unio		
Power LECTRIC Pump		
packers, type of shutoff) HOLE AE	INEO TO 8	DAMMETER . CASING
NE VA Sec. 5 OUTSLOE OF 5 THE PVC CAS.	NG FROM	65 % FT. BACK TO 36 BOUT GRAVEL PACK TO
S W 346 FOOT LEVEL CEMENT 6	ROUT PLACE BACK TO P	PAROX 25 FOOT LEVEL TO
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.	CEMENT O	FF HIGH IRON WATER AT
Driller's Signature Landent Straige HILLING SERVICE	FILLED 1	OF WELL PIT
Driller's Address //73 GTH ST. No. FHONE 265-4210	1-11	
HAURE, MONTANA 59501 LICENSE NO. 46	_65 %	Show exact depth of bottom

50,640

HERMON & BETTY HEAD

TO

THE PUBLIC

WATER WELL

STATE OF MONTANA SS COUNTY OF HILL SS Filed at 9:00 o'clock A M

ON MAR 14 1973

R. E. Blom

COUNTY CLERK

Fee:\$2.00 pd.

v 2	Approved Stock Form-State Publishing Co., Helena, Montana-45642
le No	T 321 R /6E 3
UPLICATE	Samuel H. 11
	County
LOG	ADMINISTRATOR OF GROUNDWATER CODE
Top of Ground	OFFICE OF STATE ENGINEER
2 to (Elev. above sea level	
Gravelly brown clay	Appropriation by Means of Well
17 Sandy brown alow	
Sandy brown clay	(Under Chapter 237, Montana Session Laws, 1961)
Brown clay Grey clay Brownish wellow sho	Owner James Head Address bb3 574 Ave. No.
35 Brownish valle shall	e Driller H. Line Drilling Service Address Havre, Montana
Sandstone - water 2% 6	Pm
12 Shaley Sandstone	PmDate of Notice of appropriation of groundwater
Z' -andstone-water. 1/2 g pi	Date well started 2-24-65 Date completed 9-7-65
24 blue shale	Type of well Drilled Equipment used Cable Tool ria
56 Grey shale	(Dug, driven, bored or drilled) (Churn drill, rotary or other) Water use: Domestic M Municipal Stock I Irrigation
29 lue anou shale	Industrial: Drainage Other
My Mand 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. Show
Blue grey shale	depth at which water is encountered, thickness and character of water bearing
D'Alvanostone . water-	strata and height to which the water rises in the well.
יאט אין	Drilled Weight (Feet) (Feet) PERFORATIONS
Hard sandstone	Hole of Casing 2 feet 185 Kind Stre (Feet) (Feet)
Shaley Sandstone	18 4 4 18
Grey shale	13 foot ground Slotted 20 49
Blue-grey shale	87 91
	136 139
- A Grev Shala	
174 Sandstone-water- 300 26 Light grey shale	Static Water Level for non-flowing well
36 Blue-grey Shale	Shut-in Pressure for Flowing Well Not. App
39 Sandy grey shale	Pumping Water Level 175 feet
1 / J - y J 1 (L) (P)	1 ' 1 (1
40 Sandy Lt. brown shale 59 Blue-grey shale	
60 Hard sandstone shel	Not Applea
JOIGHEN SONYCHOUS	
water approx.	Remarks: (Gravel packing, comenting, pack-
are sure to the sure of the su	is left the reamed to
81 Blue-grey shale	Indicate location of well and 7 diameter to 185 feet
32 Dandy blue-oral	place of use, if possible. Each small square represents 40 Casing installed a grave 1
Shale	last foot level back to 17 foot level. Comente
. 1	obase 17 ft. love (Continue on reverse side)
- [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).
-	
85	
23. Show exact depth of bottom.	
	46
s form to be prepared by driller, and three co- inty Clerk and Recorder in the county in which	
ained by driller.	The last to
ase answer all questions. If not applicable,	so state, otherwise the form will be Driller's Signature.

45,030

JAMES HEAD

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUNDWATER APPRIPRIATION

TATE OF MONTANA,)ss.
CUNTY OF HILL

biled a 10:45, o'clock: A-m

FEB 2 6 1969

R. E. BLOM GOUNTY CLERK

DEPUTY

fee: \$2.00 paid

1

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.

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

Driller's License Number

Mishet Preies

Driller's Signature

45,029

JEMES HEAD

ΤO

THE PUBLIC

NOTICE OF COMPLETION OF GROUND WATER APPROPRIATION

STATE OF MONTANA, Se. COUNTY OF HILL PURE At 102497 clock A.m.

FEB 2 6 1969 R. E. BLOM

COUNTY CLERK

DEPUTY

fee: \$2.00 paid

	CATE LOG [5] E C	ECHELONICE EN N. V. F. CER.	··)		OF MON	TANA	LL	*****************
		1 6 1969				NDWATE: ATION B		
_	(Elev phove see level) N	lotice of C	Comple	etion	of Gro	undwa	ter
<u>0</u> 70	FILL GRAVEL		Appropr	iation	by M	eans o	f Well	
<u>δ</u> <u>Μ</u>	BADWA SAND + GRAVEL MIS	 				NUARY 1,		
4	SOFT SANDY BROWN CLAY	• (0)	nder Chapter 23			,	c Pra	
17	SOFT GREY CLAY	Owner	EVERETT	Honal	2Addr	css. 520	cour, h	AZHUU
go 21	PLLANY SAND- WATER		-LINE DRIVE				_	
2/	SAND + GRAVEL - WATER -				_		_	
_	VERY HARD - APPADX 10 GPM		lotice of appropr		-		_	12 101
_	CASED OFF WITH 8 \$ 0.0	Date well	started. AUG	45T 3,	////Date	completed.	NUGUST !	2,/76
- 4	SURFACE CASING)	Type of v	well. DRILLE (Dug, driven, box	od or drille	Equipa	nent used	ARLE foo	LA SIG
23	GREY CLAY	_ Water us		tic 🔀 M		· .		rigation
28	BROWN SANDSTONE-WATER APPROX 2 EPM - OVER SO GR.	44.00	Industr	_)rainage	_	her 🗆	
-	HARONESS - (CASED OFF)	met with	ate on the diagra in drilling, such	as soil, c	lay, shale	, gravel, ro	ck or sand	, etc. Sh
_ <u>3</u> 3	BLUE- GREY SHALE		which water is c l height to whicl				acter of wa	ter-bear
48	BROWN SANDSTONE-WATER	2 - Sue of	Sire and	From	To	<u> </u>	PERFORATION	
	24 GPM	Drilled Hole	Weight of Caulog	(Feet)	(Feet) 96	Kind	From	To
- 5/	BLUE SHALE	_84	6% 0.0.	116 FGET	1	Size	(Feet)	(Feet)
52 53	SANDU GREY SHALE		13 PER FT		8		[
53	SANDY CREY SHALE - STREA	iks	69/100	LEVEL	-	0/ 1		ļ
_	OF BROWN SHALE		5 % "O.D"	6	96	3/6"	33	95
6 /	SHALEY BROWN SANOST	DN6"-	PLASTIC	<u> </u>		DRILLED		/
	WATER - 16PM		N	S	tatic Wa	ter Level		
	HARD BROWN SANDSTON	ave						3to
	SANDY YELLOW ISH - BROWN SH			Si	hut-in Pro	ssure for Fl Vater Leve	lowing Wel	VIRT.A
16 13	HARD SHELL SHALEY BROWN SANOSTON			P		Vater Leve		
ي	WATER - I GPM	,	X	P D		in gal. per		
E	LOEU SHALF			}		_	NOT AP	PLICAR
79	GREY SHALE BLUE-GREY SHALE			н	ow Tested	PUM	ם	
50	FIRM BLUE SHALE	<u> </u>	5		ength of		Hoars	
-	SANDY BROWN SHALE	410			emarks: (Gravel pack shutoff).	king, cemer	ung, pa <i>4ED T</i> S
Z	SANDY GREY SHALE	Indianta	lec. 5 T.32NR location of well	ond 8	4° DIAM	FTER TO	96 FT LE	UEL
<i>3</i> 3	SHALEY GREY SANDSTONE FIRM SANDY BROWN SAME GREY SANDSTONE - WATER	place of t	use, if possible.	Each /	ERFORM TO	:05%	GASTIC C	4SING
Z Z Z	FIRM SANDY BROWN STAKE	ncres.	•	1/1/57	AUGO T	6 96 FT, 6	RAVEL P	ACFR
12 15 17		- AROUND.	CASING BACK?					
37	GREY SANDSTONE - WATER	11 co - 1 4		775K, 75	L CEMEN	Conti	nue on re	verse sid
	Q & EPM	CASIKE O	SUBRLAP AT G-	ion indu	mtwinl da	amake or	t at Diagl	and Ad
599025795 X	BREY SANOSTONE -WATER Q'A LPM SANOY BREY SHALE	CAS/KC C USE—If nur	noer of acres an	ion, indu d location	strial, dr. 1 or other	data (i.e.:	mot, Brock	. w.i.u 21u
	Q & EPM	CASING OUSE—II	noer of acres an	ion, indu d location	strial, dr 1 or other	data (i.e.:	not, block	. and 210
	Q & EPM	CAS/KC C USE—If nur	noer of acres an	ion, indu d location	strial, dr.	data (i.e.:		
	Q & EPM	CAS/KC C USE—If nur	noer of acres an	ion, indu d location	strial, dr.	data (i.e.:		
	2 12 EPM SANDY LREY SHALE	CAS/KC C USE—If nur	noer of acres an	ion, indu	strial, dr.	data (i.e.:	Lot, Brock	
76	Show exact depth of bottom.	USE—If nurtion tion	d by the owner wi	th the	or other	data (i.e.:		
76	SANDY LREY SHALE Show exact depth of bottom.	USE—If nurtion tion	d by the owner wi	th the	Driller	46	Number	



THE PUBLIC

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION

722 1 5 1969

R. E. BLOM COUNTY CLERY.

DEPUTY

fee: \$\$2.00 paid

1 (.) 1 (.)

٠			ning Co., Helena, Montana—41338
File	No		- 32NR 16E
DUE	PLICATE	(County 1111
	-	TATE OF MONTANA	
		TOR OF GROUNDWATER CODE OF STATE ENGINEER	NOV 20 1963
			MOV 20 1963
	Declaration of	Vested Groundwater or 237, Montana Session Laws, 1961)	Rights FNEINEED
	(Under Chapte	r 237, Montana Session Laws, 1961)	SINIC LIMINICEN
	Min - N. Camea	. 209 Lica C	t Hame
1	(Name of Appropriator)	(Address)	(Town)
	County of Lee appropriated groundwater according	to the Montana laws in effect price	or to January 1, 1962, as follows:
	*		
[-	2.	The beneficial use on which the cla	
- }-	3.	Date or approximate date of earlie	est beneficial use; and how con-
-		tinuous the use has been direct	e down a sand
" -		point april 1946. La	ane hole Oct 1-1961
]	4.	The amount of groundwater claim	ed (in miner's inches or gallons
ŀ		per minute) 10 gal. a. Mi	MATRIA.
L	<u> </u>	If used for irrigation, give the acre to which water has been applied	and name of the owner thereof
	.4 85c T. 31 R. 1.6	Menl	
Indi	cate point of appropriation		······································
Eacl	n Hindit udamen reliferentes vo	The means of withdrawing such	water from the ground and the
Acre	45' X 104 in 18ESE	location of each well or other mea	ns of withdrawst
			»•••••••••••••••• • •••••••••••••••••••
7.	The date of commencement and completion	n of the construction of the well,	wells, or other works for with-
	drawal of groundwater.	ine Rinee apr 1946 - 0	tribled same hole
8.	The depth of water table 69 707	f. 8et1-1961	
9.	So far as it may be available, the type, a	ize and depth of each well or the go	eneral specifications of any other
	works for the withdrawal of groundwater		

	***************************************	••••••••••••••••••••••••••••••••	
10.	The estimated amount of groundwater wi	ithdrawn each year 2000	paf.
	The log of formations encountered in the		
		***************************************	6-67 sands

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 State 124	
	***************************************	<i>y</i> - <i>v y</i> -	7
		Signature of Owner	ina W. Omnes
		Gignature of Owner	ma 7/Jones nav 15-1963
~	and an end of the Ation Ation and the Ation Ation and the Ation At		
Thr	ee copies to be filed by the owner with the	ie County Cierk and Recorder of t	me 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

TINA H. JONES

то

THE PUBLIC

DECLARATION OF VFSTED GROUND WATER RICHTS

COUNTY OF HILL)

Filed at 1 ____o'clock_p_n. ON NEW 1 8 1963
R. B. Blom PEPUTY

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<i>(</i> **)	3
T 52 H	R1: E

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

Owner Address 221 211 211
Driller
Date Started Date Completed
Location: Sec. D. T. Sig. R. R. 14 Sec. 14 Sec.
Type of well 11121 Equipment used (Churt drift, rotary, other)
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:
Casing:
Casing:ft. toft. TypeSize
Perforated #7/Bgt/phe/Ft32 to ft
Type of scroon of perforationsப்/டம்றியில் கொடிக்கிகள் கோடிக்க
Static Water level, for non-flowing well: 12 Le feet
Shut-in pressure, for flowing well:ib./sq. in. on:(date)
Pumping water level feet at feet at gal. per min
How tested:
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
(over)

0)	EC	EI	VE	
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7 32 N R15 E	
County :: 111	

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

Owner_Lob T_ Le Croix Address 251 2111 Gt Have	.
Driller	
Date Started 12 25 Date Completed 23 35pt. 55	
Location: Sec. 5. T. 32. R1C. 1/2 sec.	••••
Type of well	,. . .
Water use: Domestic 🖈 Municipal 🗌 Stock 🗍 Irrigation 🗍	
Industrial Drainage Other:	
Casing: 0. ft. to 33. ft. Type : tuel. Size 55/8 Inchée	••••
Casing:ft. toft. Type Size	
Casing:ft. toft. TypeSise	
Perforated for potential Pt32 to ft	
Type of styletrics perforations 2/1628 Holes drilled in pine	••••
Static Water level, for non-flowing well: 10 £t	
Shut-in pressure, for flowing well:ib./sq. in. on:(date)	••••
Pumping water level	
How tested:	
Length of test	••••
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)	
X	
W	
1 (0767)	

Log of Well					
Deptl	ı, feet	Description of Section 1 Dutted			
From	To	Description of Material Drilled			
	33	Brown send			
		310 131 00310			
33	-30	Gravel sand			
60	- 34	Gravel sond water			
	, , ,	Southern Conference and Company Conference Company			
34	74	Crey black chale (Clayrett)?			
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(FIF1)

DOCUMENT NO. 369060 BOB T. LA CROIX MHE PUBLIC WATER WELL LOG STATE OF MONTANA, iss. COUNTY OF HILL)
Filed at 1:39 o'clock P.m. ON DEC 4 1958 C.C. YEON COUNTY CLERK DEPUTY

G(
	Approved Stock Form-State Publishing Co., Helena, Montana-41338				
File No	T.32R.16				
DUPLICATE	County Hel				
Declaration	STATE OF MONTANA INISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER ON OF Vested Groundwater Rights or Chapter 237, Montana Session Laws, 1961) STATE ENGINEER				
n. 110 8	or) (Address) + (Town)				
1 Mrs allera &	or) (Address) 4 (Town)				
County of	State of				
have appropriated groundwater	according to the Montana laws in effect prior to January 1, 1962, as follows:				
w	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 119 11 extracted date of earliest beneficial use; and how continuous the use has been 119 11 extracted date of earliest beneficial use; and how continuous the use has been 119 11 extracted date of the same of the lands to which water has been applied and name of the owner thereof				
NE 45E 7800 5 T 32 R/L					
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.				
7. The date of commencement and drawal of groundwater	completion of the construction of the well, wells, or other works for with				
9. So far as it may be available, the works for the withdrawal of gro	8. The depth of water table				

10. The estimated amount of ground	water withdrawn each year				
	ed in the drilling of each well if available				

	ar nature as may be useful in carrying out the policy of this act, including a county record.				
	Signature of Owner Mas allang & Garrel Date Salt 6 1963				
Three copies to be filed by the owne located.	r with the County Clerk and Recorder of the county in which the well is				
	plicable, 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.

*5*183.

MRS. ELLENA E. LARSON

TO

THE PUBLIC

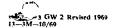
DECLARATION OF VESTED GROUNDWATER RIGHTS

State of Montana,) ss. County of fill Filed at 10:10 clock_a_m2.

ON SEP 6 1963
R. E. Blom

PEPUTY

Fee: \$2.00 pd



RECEIVED

32K-16E County H/11

ADMINISTRATOR OF GROUNDWATER CODE

DRILLER'S LOG

ADMINISTRATOR OF GROUNDWATER CODE Indicate the character, color, thick-montana water resources BOARD TANA DEFAULTION OF STATUS THE S depth at which water is found and 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 (Elev. above sea level)							
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, last copy to be retained by driller.	From (Feet)	To (Feet)					
Please answer all questions. If not applicable, so state, otherwise the	-0-7	5-2-					
form may be returned.		16	SANOY+SILTY BADIN CLAY				
Owner MRS. THEO LARSON For Administrator's Use		17_	BROWN SAND-COAL MAGMENTS				
Address 418 7.74 AUE No File 4.23.90.3 Mar. 2,1922		24_	SANDY BROWN CLAY				
HAVRE, MONTANA 2:45 gra:		.26_	BROWN SAND - TRACE OF LEADER OF				
Date well started 9/29/7/ GW1 - 29 CREU CLAY - TORK							
completed 10/4/7/		32	CREY SAND + SUT -				
Type of well DRILLED (Dug, driven, bored or drilled)			WATER - (COSED OFF)				
Equipment used CABLE TooL RIG (Churn drill, rotary or other)		34	GRAVELLY GREY CLAY				
Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐		.3C.	GREY DING & GRAVEL =				
Industrial 🗍 Drainage 🗍 Other 📑 Garden/Lawn 🔀		414					
*Describe							
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block		434	SAND + GRAVEL WATER - (CASED DES)				
and Addition)		46	GREY SAND + SILT				
ESTIMATED ANNUAL WITHDRAWAL 4.000,000 BALLONS		5/-	BRAVELLY GREY CLAY				
Size of Drilled Weight (Feet) (Feet) PERFORATIONS Size and Weight (Feet) FEETOMATIONS		5 3.	SAND + SOME GRAVEL				
12" O 15 JOHNSON STAINLESS STEEL		IE.	SANDY GREY CLAY				
65% 680.D. FOOT 304 TRASSORETURE 6" BALVANIZED ABOVE 79% OF 3" LEAD PACKER, 34 OF	٤	62%	Senoy x SUTY GRAY GAY.				
STEEL GROUND IS SCREEN SECTION & PET OF	<i></i>	642					
OF 3'95" INSTALLED FROM	1 I		ERAGEL -INATER-NOT-				
13 PER PH 179FT TO 82 94" FROM GROW	10		HEAVING 40 IN CATING				
N FUEL OR 80 F 7 70 83 91 1 Static Water level			0				
Pumping water level		77-	PREDOMINATELY SANDY				
at			Casule Sernes Ru				
measured /AQminutes after pumping			ITSELE FROM LY TO				
began.	 		29 BE WHILE DAILING				
*Measured from ground level. Well developed by EALER, ARE FLAN	J		OUT TAND I BRAVEL -				
for 12 hours.	<u> </u>		ERON CASING				
PowerELECTRIC. Pump HP		22	CAFU SANO - FINETA				
Remarks: (Gravel packing, cementing,			COARE - VERY LITTLE				
packers, type of shutoff) Anaulaa.	<u> </u>		CRAVEL HEAVING				
NE W Sec. 5 WITH DRILLIAGE MUD FROM	}}		UR IN CACING DUE TO				
NE 1/4 Sec. S WITH DRIVING MNO EROR T. 32 NR 16 E 15 ET LEVEL BACK TO	 		CLAY PHATICLES & SMALL				
S W GETLEVEL	J		ENTE OF SHALL CAL				
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.			FREE FLUW OF WATER				
			SCREEK INSTALLED				
Driller's Signature Restat Assis - HI-LINE DRILLING SERVICE	 		WATER WESTASED STABILITED				
Driller's Address 1173 6714 St. No.			SANOY GARY CLAY				
HAMRE, MONTANA LICENSE NO. 46 83-9 Show exact depth of bottom							

 $M_{ extbf{rs}}$. THEO LARSON

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THE PUBLIC

WATER WELL COUNTY OF HILL Philosophy of the ct 2:45 o'clock P MAR 7 1972
R. E. Blom
COUNTY CLERK
DEPUTY Fee:\$2.00 pd.

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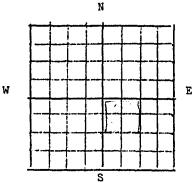
STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

DECIARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator)

County of Heel ,State of Montana laws in effect prior to Jan.

1, 1962 as follows:



AW + SE Sec & T32 R 16

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based State VATER ANDREIS ATTOM
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1917

 To THE PRESENT TIME
- 4. The amount of groundwater claimed (in miner's inches or 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
- 5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal FLFCTRIR Prompt
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater /N 2 /M M E 3 15 / 6 / 7
- 8. The depth of water table 1. The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater for the depth of general specifications of any other works for the withdrawal of groundwater for the depth of general specifications of any other works for the withdrawal of groundwater for the depth of the general specifications of any other works for the withdrawal of groundwater for the general specific sp

specifications of any other works for the withdrawal of groundwater raised:

10. The estimated amount of groundwater withdrawn each year VAPIFS

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 Mannes Brothe Lucasi

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

MARIE HOOFE LUCAS

TO

THE PUBLIC

DECLARATION OF VESTED CROUNDWATER RIGHTS

PATE OF MONTANA,) Se.
CUNTY OF HILL
PRICE MELL O'CLOCK Com.

1 1963 1 Down

SEFUTY

MET: \$2.00 pd.

7

GWI FILE NO.	ADMINISTRA'	ATE OF MONTANA TOR OF GROUNDWATE	
(ប _n	DECLARATION OF der Chapter 237	VESTED GROUNDWATE Montana Session	ER RICHTS Laws, 1961)
(Name of Appropriate County of Have appropriated g. 1962 as follows:	or) roundwater acco	, of 7 (Addres, State of mont	s) (Town,
N	2.	The beneficial u	se on which the claim is based
	3.	use; and how con	ate date of earliest beneficial tinuous the use has been
W	E 4.	The amount of grinches or gallon	oundwater claimed (in miner's sper minute)
. - - - - - - - - -	5.	description of t been applied and	gation, give the acreage and he lands to which water has name of the owner thereof
1) 415 A Sec 5 T 3	2R/6		
Indicate point of appro- tion and place of use, ible. Each small squar- sents 10 acres.	if poss-	ground and the 1	hdrawing such water from the ocation of each well or other wal
7. The date of commence other works for with	ement and compl hdrawal of grou	etion of the consumdwater 17 L	truction of the well, wells, o
8. The depth of water 9. So far as it may be specifications of a	table available, the ny other works	type, size and d	epth of each well or the general of groundwater
10. The estimated amount 11. The log of formation	ms encountered	er withdrawn each in the drilling o	year 50,000 94 f each well if available
12. Such other informaticy of this act, in	ion of a simila cluding referen	r nature as may b ace to book and pa	e useful in carrying out the p ge of any county record

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

Signature of Owner Town

1413

PLEASE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SO STATE, OTHERWISE THE FORM WILL BE RETURNED.

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

L. D. HC FADDEN

TO

THE PULLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

COUNTY OF HILL Wiled at 11 o'clock Cin

METUTY

FEE: 12.00 pd.

ON.	Approved Stick Form-State Publishing Co., Helena, Montana-3009
File No	732 N 18F
DUPLICATE	County 11
S	TATE OF MONTANA
	TOR OF GROUNDWATER CODE DECEIVED
	DE OF STATE ENGINEER DEC 12 1963
Declaration of	Vested Groundwater Rights
(Under Chapte	r 237, Montana Session Laws, 1961) STAIE ENGINEER
(1) h	100 \n 1 \tan 1
(Name of Appropriator)	(Address) (Town)
have appropriated groundwater according	(Address) (Town) State of January 1, 1962, as follows:
N	
2	The beneficial use on which the claim is based.
	Joan A Y Gorbaco
3.	Date or approximate date of earliest beneficial use; and how con-
	tinuous the use has been
w	The little is Continued to State
4.	The amount of groundwater claimed (in miner's inches or gallons
	The amount of groundwater claimed (in miner's inches or 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
MAYAL Sec. 5 TARLA	23 61 3 12 h 42 13 1 1 1 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1
Indicate point of appropriation	
and place of use, if possible.	The means of withdrawing such water from the ground and the
acres.	location of each well or other means of withdrawal.
	Mitchian Comments
7 The date of commencement and completic	n of the construction of the well, wells, or other works for with-
drawal of groundwater	n of the construction of the well, wells, or other works for with-
	·
8. The depth of water table	Commence 12 feel freely and freely
9. So far as it may be available, the type, a	ize and depth of each well or the general specifications of any other
	be the second of
10. The estimated amount of groundwater wi	thdrawn each year
11. The log of formations encountered in the	drilling of each well if available of the state of the st
interior and interior and in the contract of t	And the second s
	and the second of the second o
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
•	24.4.6.6.4. b.
	Signature of Owner
	Date 2 - 11 - 1967
Three copies to be filed by the owner with th	e 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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TABLES ". NOTE

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THE PURITE

Delicitation of around GROWNER IN THIS

TATE OF MONTANADE.
COUNTY OF THE
MILEY OF T

117 1963 R. E. Blom

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Foers .00 pd.

GW 2		Approved Stock Form-State Publishing Co., Helena, Montana-4b
File No	MONTANA VICTOR	T 32N R 16E 3
DUPLI	CI A IIITI	CountyHill
	LOG	STATE OF MONTANA
		ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION BOARD
0	Top of Ground	
to 4	(Elev, above sea levelSandy soil	
14	Sandy brown clay	Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962
15	Tacky grey clay	(Under Chapter 237 Montana Session Laws, 1961, as amended)
20	Grey silt &sand-some water	(Onder Chapter 201 Mondana Session Daws, 1901, as amended)
27	Grey silt & sand-decayed	Owner Mrs. Esther Naber Address 542 5th St. NoHavre
28	vegetation Sand & gravel-water	Driller Hi-Line Drilling ServiceAddress Havre, Montana
_32	Gravelly grey clay	Date of Notice of appropriation of groundwater
_36	Sandy grey clay	
<u>3</u> 8	Grey silt & sand	Date well started 11/29/69 Date completed 11/22/69
1944	Grey clay	Type of well Drilled Equipment used Cable Tool Rig
46	Grey sand & silt-water	(Dug, driven, bored or drilled) (Churn drill, rotary or other) Water use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐
49	Grey sand & clay mix	Industrial Drainage Other
-54	Grey clay	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
_55	Grey sand(Fine to Medium) Water - Approx. 8 GPM.	depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.
_56	Grey sand & gravel-	Size of Size and From To PERFORATIONS Drilled Weight (Feet) (Feet)
	Water exceeding 15 GPM at 30 feet from ground	Hole of Casing Kind From Te
_	level by bailer test.	6 5/8" 6 5/8" 0.D. 1 ft. Size Feet Feet 188 wall above 56 No perforations. Water
_		13# per ft ground coming thru bottom of
_ '	ĺ	level drive collar at 56 ft.
_		
 -		N Static Water Level for non-flowing well
-		12feet.
		Shut-in Pressure for Flowing WeNot apple.
<u> </u> -		Pumping Water Level23feet
	113307	w at
<u>-</u> -	Doc. No. record of June 19. 19. 19. 19. 19. 19. 19. 19. 19. 19.	Discharge in gal. per min. of flowing well Not applicable
-	oc. No. recent day of the	How Tested Test Pump
-	Filed 19 TO LAND	Length of Test 8 hours
-	11/3 D. 19-18.	O.C.L. Stremcha Tract Lot 3 Remarks: (Gravel packing, cementing, pack-
-	Fled for reced day on at 22 in a colock of a colock of in a colock	NE 1/SETSec 5 T32N R16E ers, type of shutoff)
		Indicate location of well and place of use, if possible. Each
-	ş	small square represents 40 acres.
-		
 		(Continue on reverse side)
-		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).
56	Show exact depth of bottom.	
	MICA CURA CCUIT OF DOMONIC	
mula e	L	to be filed by the anger with the
County (n to be prepared by driller, and three copi Clerk and Recorder in the county in which	the well is located, tissue copy to be Driller's License Number
	by driller.	Herbert Freie
Please a returned.	nswer all questions. If not applicable, so	o state, otherwise the form will be Driller's Signature.

MRS. ESTHER NABER

TO

THE PUBLIC

COMPLETION OF GROUNDWATER APPROPRIATION

STATE OF MONTANA,) ss. COUNTY OF HILL Filed at.4:000°clock_Pm

JUN 1 8 1970 R. E. BLOM

fee: \$2.00 paid

GW 2 Revised 1969

32H-16E

DRILLER'S LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER

APPROPRIATION BY MEANS OF WELL

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
height to which water rises in well.

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)	Top of Ground	(Elev. above sea level)
This form to be prepared by driller, and three copies to be filed by the county in the county in	From To (Feet)	
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.	0702	GRAVELLY SOIL
Owner CHARLES A. NELSON For Administrator's Use	2/_	GRAVELLY BROWN CLAY
Address 337.5TH ST. No File 428324		BOULDER
HAURE, MONTANA June 25, 1928	33	GRAVELLY GREY CLAY
Date well started	37	BOULDER
completed ///20/69	39	GREY SHALE
/\	70	HARD BROWN SANDSTONE
Type of well	44	TRACE OF WATER
Water Use: Domestic 🗹 Municipal 🗌 Stock 🗍 Irrigation 🗋	99	ZT BROWN SHALE - FIRM
industrial ☐ Drainage ☐ Other 🖄* Garden/Lawn 🖄	32	SANDY GREY SHALE
*Describe MACHINE + WELDING SHOP	36	SHALEY GREY SANDSTONE-
USE: If used for irrigation, industrial, drainage or other. Explain,		WATER - HPPROX /GPM
state number of acres and location or other data (i.e. Lot, Block		
and Addition)	/3	BLUE GREY SHALE
ESTIMATED ANNUAL WITHDRAWAL EXCEPTING 300,000 GALLONS	18	GREY SANDSTONE
ESTIMATED ANNUAL WITHDRAWAL		WATER - APPROX 3 BPM
Size of Size and From To PERFORATIONS Orilled Weight (Feet) (Feet)		SANOY BLUE-GREY
Hole of Casing York To	- 87	SHALL
(up illatt)		
G' PLACE DELL' //	82	BLUE-GREY SHALE
/ See MARIONO	+	
OFFEE LEVEL		
64.00		
(190 WALL) 16 /2 82 DRILLED 37 79 PLASTIC.		
249170		
Static water level	ft.*	
Pumping weter level	ft.*	
atgallons per minu measuredminutes after pump	ıte,	
measuredminutes after pump	ing	
began.	-	
*Measured from ground lexel. Further work of the second se	#F +	
for hours.		
Power FECTRIC Pump. /2	HP	
Remarks: (Gravel packing, coment	ing across	7050 780 7507 70M
Packers type of shutoff Zevez	CENEN	T GROUT PLACED
NIII SE 5 ABOUT GRAVEL TO AP	PROT TO FO	
NW SE Sec/6 OF SURFACE CONTANT		
T. YR. / S. YE.		
s w		
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.		
THE PROPERTY OF THE PROPERTY AND ACRES		
Driller's Signature Restat Driver HI-LINE DRILLING SERVICE	¥	
Driller's Signature	<u>, </u>	
Driller's Address //73 GTH JT NO PHONE 265-921	0 - 0.	7
Driller's Address 1173 6TH ST No PHONE 265-42. HAVRE, MONTANA 59501 LICENSE NO. 46	86	Show exact depth of bottom
LICENSE NO.		· ·

CHARLES A. NELSON

TO

THE PUBLIC

WATER WELL

STATE OF MONTANA SS.
COUNTY OF HILL
Filed at 12:150 clock P.M

ON JUN 25 1973

R. E. Blom

COUNTY CLERK

Warte County CLERK

Fee:\$2.00 pd.

口瓦大田口

-		می
T 3	2 N R 16 E	•
County	Hill	

ERNEST O. LEE, DRILLING 1200 380 STREET HAVEE

WATER WELL LOG
Owner Hannah Nelson Address 296 North Side, Havre Driller Herbert Freier Address 281 N State St., Havre Date Started October 25, 1961 Date Completed October 26, 1961 Location: Sec. 52 T R / Y sec. / William July State Type of well Drilled Equipment used Churn Drill (Churn drill, rotary, other) Water use: Domestic X Municipal Stock Irrigation Industrial Drainage Other: Casing: 0 ft. to 52 ft. Type Spang-seamless Size 7 ^h Casing: 49 ft. to 72 ft. Type Spang-seamless Size 5 1/2 ⁿ Casing: ft. to ft. Type Slze Perforated or Screened: Ft. 50 to ft. 70 Ft. to ft.
town on flowing well: 20
Static Water level, for hon-nowing well: Shut-in pressure, for flowing well: (date)
Shut-in pressure, for flowing well
Pumping water level
How tested: Baler
How tested: Baler Length of test 1.1/2 hours
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Dilled by Earnest Lie
(over)

Log of Well

Depth, feet From To						
		Description of Material Drilled				
0	15	Sandy ClayGravel				
15	43	Quick-sand				
43	48	Soft Blue Clay				
48	53	Grey Clay				
53	63	Yellow Clay				
63	71	SandstoneWaterApprox. 18 gal. per min.				
71	72	Blue-Grey Shale				
<u> </u>						
<u> </u>						

DOCUMENT NO. 386754 HANNAH NELSON TO THE PUBLIC WATER WELL LOG min. Sandstone--Water--Approx. 18 gal. per COUNTY OF HILL)
Filed at 4:30° clock Pm. Blue-Grey Shale Yellow Clay ON DEC 22 1961 G.C.YEON COUNTY CLERK By. DEPUTY 63 63

File No.

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

			·
			Date of Appropriation of Groundwater
	,		Owner Jahn Hermille Address 2 IS. Str. Siele Contractor (if any) Sand print
			Se la f
			Contractor (if any)
			Address of Contractor
			Date Started Date Completed
	N		Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
			water when applicable
	/		
11			
**		E	
			Quantity of water developed and used with explanation of method
	· · · · · · · · · · · · · · · · · · ·		used to measure or estimate such amount. If use is intermittent
	<u></u>		estimate approximate lengths of periods of use
	bE 1/1/2/1800 5 T32 R/6		estimate approximate lengths of periods of use.
	Indicate point of appropriation		J. White fill from the fill fill the delifted the
	and place of use, if possible.		

			10.02 1000
			Signature of Owner An Meumeller Date L 2 - 6 3
			Date 3
			to the the summer

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.

JOHN NEUMILLER

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THE PUBLIC

NOTICE OF COMPLETION OF GROUND WATER APPROPRIATION WITHOUT WELL

COUNTY OF HILL

Filed of 2130 e'clock P 111

AUG 7 1963

B. E. Blom

COUNTY CLERK

PLANT CLERK

Fee:\$2.00 pd.

Company of the Compan	,	Approved Stock Form-State Publishing Co., Helena, Montana-41921
File No.		T 32NR 8-16E
DUPLICATE		County 7

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

	(Older Output Borg Statem Outside Harry 2002)			
_	Frankling Towns			
1	(Name of Appropriator) (Name of Appropriator) (Address) (Town) State of have appropriated groundwater according to the Montana laws in effect prior to Jenuary 1, 1962 as follows:			
	County of 17/1/ State of 19/14/14			
	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			
	Domentic			
	3. Date or approximate date of garliest beneficial use; and how continu-			
	ous the use has been 5/28/61			
w				
	4. The amount of groundwater claimed (in miner's inches or gallons			
	per minute) 10 GPM at 30 Feet			
	5. If used for irrigation, give the acreage and description of the lands			
7.	to which water has been applied and name of the owner thereof			
/N	diente point of appropriation			
	dicate point of appropriation d place of use, if possible. Each			
	d place of use, if possible. Each all square represents 10 acres. 6. The means of withdrawing such water from the ground and the loca-			
	tion of each well or other means of withdrawalpump			
	227 15			
	337 Horth Side- East of House			
7.	The date of commencement and completion of the construction of the well, wells, or other works for with-			
	drawal of groundwater 5/27/61 = 5/28/61			
_				
8.	The depth of water table 54 ft			
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			
	Size of Drilled Hole 5"			
	Sign af and coight of Casing 4" 11 Bla			
	From (Feat) 0			
10.	To (Feet) 54 The estimated amount of groundwater withdrawn each year			
11.	The log of formations encountered in the drilling of each well if available			
	51 brown clay & cond			
	52 sund			
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 Sucreta Lell			
	Dignature of Owner 11 11			
	Date / 1/0-6.5			

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 epplicable, 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. 9280

FRANK PAPILLO

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THE PUBLIC

DECLARATION OF VESTED ROUND WATER RIGHTS

STATE OF MONTANA, S. COUNTY OF HILL

Filed at 3 a clock P m.

1 2 1963

R. E. Blom

SORNIT WILLER

Fee: \$2.00 pd.

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٠, ١	,	Approved Stock Form-	State Publishing Co., Helena, Montans—41921		
File No.		•	7324 /6E		
DUPLICATE			County #///		
	-	STATE OF MONTANA	:		
		RATOR OF GROUNDWATES SE OF STATE ENGINEER	r code		
_	_				
De		Vested Groundwa	<u> </u>		
		er 237, Montana Session Law			
1, 44, 12, 1	200		(Town)		
(Name of	Appropriator)	(Addre	ms) (Town)		
have appropriated grou	ndwater according	to the Montana laws in effect	et prior to January 1, 1962, as follows:		
м			Alexander and the second		
	2	. The beneficial use on which	the claim is based ATC 11 - A SE		
		ous the use has been A	of carliest beneficial use; and how continu-		
*					
		The amount of groundwat	er claimed (in miner's inches or gallons		
x		per minute)			
		704			
	5.	. If used for irrigation, give	the acreage and description of the lands		
s			applied and name of the owner thereof		
11/1/4 M. 1/Sec. 1. T. 2.2	R./6.				
Indicate point of appropand place of use, if possible	. Each				
small square represents 10	acres. 6		such water from the ground and the loca-		
		tion of each well of other in	cans of withdrawal		
			,		
7. The date of commen	cement and complet	ion of the construction of the	ne well, wells, or other works for with-		
mana of Riomana	1777				
8. The depth of water tal	no. 6 4,5	<u>, , , , , , , , , , , , , , , , , , , </u>			
8. The depth of water table					
works for the withdray	works for the withdrawal of groundwater				
			•		
10. The estimated amount	The estimated amount of groundwater withdrawn each year				
	The log of formations encountered in the drilling of each well if available				
reference to book and	page of any county	record	ing out the policy of this act, including		
		Signature of Ow	nor		

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

Date

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

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