STATE OF	F MONTANA, HELL COUNTY	
FILED T	HIS 19 D	Y OF
AT 2	0 Y 0'CLOOK @	
	T. MATZKE	
Elai	COUNTY RECORDS	ER

GW 3	
File	No

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T 2 R 2		

DUPLICATE

# STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

DECEIVED DEC 23 1963

# Notice of Completion of Groundwater Appropriation Without Welf INGINEER

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of Groundwater Unker acomposito 1950
	Owner Ban UBan Cattin Address Misselshell, Mont.
	Contractor (if any) George Bud" Hansen
	Address of Contractor Roundup Mont
	Date Started 1252 Date Completed 1952
N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	water when applicable 5 fring Cleaned by
	'cat" le deep pond made
W	Lo'wide X 50 long, 12 X12' wooden box ground Flow
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-
% Sec. 3 T. 1 P29	tent estimate approximate lengths of periods of use
Indicate point of appropriation	storage post lo'x say
and place of use, if possible.	4' deep, 45ed 8 ma 07-
	agah year
	Signature of Owner Ey Charles Co. 10 1000
	Date

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

Three copies of this notice are to be filed 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.

STATE OF MONTANA, AUUSSELSHELL COUNTY SECONDER

FILED THIS DAY OF

A D 186
AT 2:05 occlock M

B. H. MATZKA

COUNTY RECORDER

DEPUTY

ile No				T 2 R 2 9
UPLICATE		STATE OF M STRATOR OF G OFFICE OF STA	ROUNDWATER CO	County Masse/skell  DEC 23 1963
	(Under Cl	hapter 237, Monta		1961) STATE ENGINEER
(Name County of /// have appropriated lows:	of Appropriator)	// S cording to the N	of (Address) tate of 22 Iontana laws in effe	(Town)  Output  Town)  The prior to January 1, 1962, as following the prior to January 1, 1962, as follows.
, N		2. The benefi	icial use on which t	the claim is based
				arliest beneficial use; and how con
	E	4. The amour		laimed (in miner's inches or gallon
s				he acreage and description of the applied and name of the owne
indicate point of app and place of use, it Each small square rep acres.	f possible.	location of	each well or other	well, wells, or other works for with
. The date of comm	nencement and co	ر میر	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
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drawal of grounds	er table	607t		
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drawal of grounds.  The depth of water works for the works for the works for the works for the works.  The estimated am.  The log of formation of the works.	water	ype, size and dep groundwater	th of each well or	the general specifications of an
drawal of grounds.  The depth of water works for the stimated amount of the stimated amount	er table  ee available, the tree withdrawal of the second of groundwing encountered in the second of	ype, size and dep groundwater  ater withdrawn of the drilling	each well or	the general specifications of any
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Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well 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.
MUSSELSHELL COUNTY.

DAY OF

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B. H. MATZKE

COUNTY RECORDER

DEPUTY

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		E OF STATE ENGINEER	DECEIVE DEC 23 1963
	Declaration of	Vested Groundwater Right	Dec 23 1963 Is
		r 237, Montana Session Laws, 1961	
0			,
Name of A	appropriator)	(Address)  State of Massels And State of Massels and State property of the Montana laws in effect p	(Town)
County of 2745	undwater according	State of Montana laws in effect p	rior to January 1, 1962, as f
lows:	didwater accordin	ig to the Montana was in effect p	in to vandary 1, 1002, as 1
N	2.	The beneficial use on which the c	
		LINESTACK WOOTE	y 1 as
	3.	Date or approximate date of earlie	st beneficial use; and how co
	+-1	tinuous the use has been 19.5	dgee
<del></del>	E		***************************************
	4.	The amount of groundwater claims	ed (in miner's inches or gallo
		per minute) 5,551 p	er minute
<del></del>		•••••	
<u> </u>	5.	If used for irrigation, give the a lands to which water has been a	creage and description of topolied and name of the own
		thereof 122 To 14 5 = 4	
v a- 7 m2	R-2 9	***************************************	······································
<del>/4</del> Sec T			
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dicate point of appropr	riation ssible. 6.	The means of withdrawing such v	vater from the ground and t
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

B. H. MATZKE

B. H. MATZKE

COUNTY RECORDER

CLAIM

COUNTY RECORDER

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COUNTY RECORDER

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GV.	$\widehat{}$					. Approved Stock Form—State Publish	hing Co., Helena, Montana—38687
Fil	e No						T 7 N R 29 E
שם	PLICATE						County Musselshell
					TRA	TATE OF MONTANA TOR OF GROUNDWATER CODE SE OF STATE ENGINEER	DECEIVED
		E				Vested Groundwater r 237, Montana Session Laws, 1961	
1.	G. K.	Murph	V			(Address)	Musselshell
						(Address) State of <b>Montan</b>	
w		N		X X E	<b>3. 4.</b>	If used for irrigation, give the acr	iest beneficial use; and how con wen earley homested ually used ned (in miner's inches or gallons eage and description of the land and name of the owner thereo
Ind	E 14 NE Sec. licate point i place of ch small squ es.	of approuse, if	opriation	<b>.</b>	6.	The means of withdrawing such location of each well or other me Pump wiith 270 ft pip to unknowen depth  SE2 NE4 5 70,29E	water from the ground and the
7.	drawal of	groundwa	ter			n of the construction of the well,	***************************************
8.	The depth					240	
	So far as it works for t	t may be the withd	availab rawal o	le, the ty	pe, s vater	ize and depth of each well or the g	eneral specifications of any other unknowen

10. The estimated amount of groundwater withdrawn each year 2009000 gal

Signature of Owner A Mangaley

Date Dec 19, 1962

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

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

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

STATE OF MONTANA, MUSSELSHELL COUNTY

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GI Approved Stock Form—State Publish	hing Co., Helena, Montana—38687
5 1 1 2	T 7 N R 29 E
DUPLICATE	County_Liusselshell
The design of the state of montana	
ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER	DECEIVE
	JAN 2 1963
Declaration of Vested Groundwater (Under Chapter 237, Montana Session Laws, 1961	CATT OFFE FOR CALLS
(Onder Onapter 201, Montana Session Daws, 1901	orare endinge
1. G. K. Murphy , of Mus	sselshell, Mont.
(Name of Appropriator) (Address)  County ofMusselshellState ofMontana	(Town)
have appropriated groundwater according to the Montana laws in effect pri	or to January 1, 1962, as follows:
2. The beneficial use on which the cla	aim is based
Stock water	
3. Date or approximate date of earli tinuous the use has been 1959	iest beneficial use; and how con-
w E	
	7.74
4. The amount of groundwater claim per minute) XBAXXXX 43 EL	ned (in miner's inches or gallons
5. If used for irrigation, give the acr to which water has been applied	eage and description of the lands and name of the owner thereof
NW 14 NELSec. 6. T. 7NR 29E Does not apply	
Indicate point of appropriation and place of use, if possible. Each small square represents 10  acres.  6. The means of withdrawing such location of each well or other means.	<b>-</b>
Pump	29E
7. The date of commencement and completion of the construction of the well, drawal of groundwater. Drilled Mar. 13 to Mar 20 1959	wells, or other works for with-
8. The depth of water table 116 ft	
9. So far as it may be available, the type, size and depth of each well or the g works for the withdrawal of groundwater 5. in. casing to 211 f	eneral specifications of any other
10. The estimated amount of groundwater withdrawn each year200.000.	ral
	•
11. The log of formations encountered in the drilling of each well if available. 40 shale, 60 sandstone 80 shale 90 sand stone, whiter 200 sand stone (contains water) 211 sandy shale, bot	lever 116, 155 andle
same soone (contesting water) all samey anale, bot	DOM.

reference to book and page of any county record.

Signature of Owner

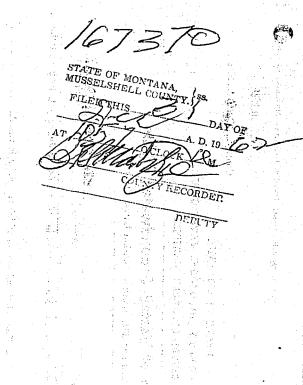
Date....Doc. 19, 1962

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including

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.



	Approved Stock Form-State Publishing Co., Helena, Montana-38687
Tile No	T. 7. H. R. 29. E.
OUPLICATE	County Musselshell
	STATE OF MONTANA  ADMINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER  JAN 2 1963
Dec	claration of Vested Groundwater Rights TE ENGINEER (Under Chapter 237, Montana Session Laws, 1961)

1.	G. K.	Murph	IV.			, of (Addr	Musso	elshell
		(Name	of Appr	opriator	•)	(Addı	ress)	(Town)
	County of.	M	raela	hell		State of Mor	ntana	
	have appro	priated N	groundw	ater ac	cording	to the Montana laws in	effect prior to	January 1, 1962, as follows:
	<del></del>	<del></del> -	<del></del>	<del>,</del>	_			_
			-	-	2.			based
					3.	Date or approximate dat tinuous the use has been	te of earliest be	eneficial use; and how con-
w			++	X		Bach season exc		
			<u> </u>					
				-	4.	per minute) 25 Spm	ater claimed (in	n miner's inches or gallons
								,,
		8			5.	If used for irrigation, giv to which water has been	ve the acreage a n applied and 1	and description of the lands
		-						
S	E1/4 NEdse.	7 т	7NR 2	ðe:		***************************************		
Ind	licate point 1 place of	of app	ropriatio	n				
and	l place of ch small squ	use, if	possible	). O	6.	The means of withdraw	ing such water	from the ground and the
acr		are rep	esents 1	U		location of each well or	other means of	withdrawal
						SE - NE Sec 7.	F7N. R29E	***************************************
							***************************************	***************************************
7.	drawal of	groundw	ater		wen		••••••••	or other works for with-
	**************			1441		350 ft		
8.	The depth	of wate	r table	T-PP/				<u></u>
9.	So far as i	t may b	e availat	le, the	type, s	ize and depth of each yel	377#2 F7888	specifications of any other
	6 in ca	se 250	ft.	4: i	n, ca	ise from 219 to 3	50.	***************************************
	***************************************						····	
			-			-		************************************
11.	250 t0	255	snale.	ಜರರ	35 OJ	drilling of each well if 30 sand, 280 to 2 3 sandy shale, 33	DO COMP &	CO OC SEC STITE
	340 to	350	shale.			-	***************************************	abop sand,
12.	Such other	informa	tion of a	similar	nature	as may be useful in carr	rying out the p	olicy of this act, including
	reference to	book a	nd page	of any o	ounty	record		
	OTA MA				= <u>.</u>			······

Signature of Owner Date Dec. 1962

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.

SPATE OF MINIONA,
MUSSELSING, LAY UNITY SA

FILEBATES

AT. LOV.

COUNT. CORDER

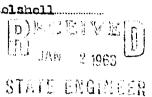
DEPUTY

GW 3 File No..... **DUPLICATE** 

T. 7N R 29 E

CountyMussolsholl

### 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)

W X	Date of Appropriation of Groundwater 1960  Owner G. K. Eurphy Address Musselshell, Mont.  Contractor (if any) CFF Roberts  Address of Contractor Roundup, Montana  Date Started Fell 1960 Date Completed full 1960  Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Dungut that hit a water  berring sandatone at about 8 to 10 ft, seter
SR 14. NWSec 7 T. 7H R 29H Indicate point of appropriation and place of use, if possible.	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use \$\frac{\mathbb{E}}{20000000000000000000000000000000000

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.

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DUPLICATE	S	hain		CountyMusselshell
Notice o		ADM	STATE OF MONTANA INISTRATOR OF GROUNDWATE OFFICE OF STATE ENGINEER On of Groundwater Approp	ER COPE DECEIVE DI JAN 2 1963 STATE ENGIN
		Ð.,	r Chapter 237 Montana Session La	
			Contractor (if any)	Address Musselshell, Mon Coperts  dup, Montana  Date Completed fell 1960  coundwater without a well "as by ral processes". Include depth to
/ ×	Ass. follows			
	[24] (함 [44] [22]		2) It deep on Rest si	da.
		I R2	od used to measure or estimate	nd used with explanation of meth- e such amount. If use is intermit- gths of periods of use

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.

Signature of Owner A Minimus Date Dec. 29,1962

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 JOHNANA, 1881.

BTATE OF JOHNANA, 1881.

BUSSELSHELL COUNTY 1881.

BULLED THIS 3 1 DAY OF A DIRECT THIS 3 1 DAY OF A DIRECT THIS AT THE COUNTY PROPERTY.

Not Valid

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7N.	R	29 E	<b></b>		/1	0

County. Musselshell

IONTANA

INISTRATOR OF GROUNDWATER CODE Doc. No. 185200 OFFICE OF STATE ENGINEER Filed for record

1St day of MARCH this\_

ration of Vested Groundwater Rights D. 1973 er Chapter 237, Montana Session Laws, 1961 p'clock

of Musselahell, Montana 59059 State of Montana

c according to the Montana laws in effect prior to January 1, 1962, as fol-

2. The beneficial use on which the claim is based Stock Domestic & Irrigation of garden

Date or approximate date of earliest beneficial use; and how continuous the use has been Fall 1936 and continuously thereafter.

The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Gallons per minute (eather party is intitled to at least 16 one half but may use any Surplus not needed by the other)

If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof From 1/4 to one acts located below and to the S.E of the well on land belonging to Aggeline Taylow. On line between sections 9 and 10 and about 2 mile north of South line

location of each well or other means of withdrawal

The means of withdrawing such water from the ground and the Motor & Jack.

The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Fall 1936

8. The depth of water table h ft from surface

Indicate point of appropriation and place of use, if possible.

Each small square represents 10

acres.

10. The estimated amount of groundwater withdrawn each year ... 500,000 gallons

The log of formations encountered in the drilling of each well if available 0 to 6' sand & clay 6 to 10 ft. Sandssone — 10 to 12 ft blug shale

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 not applicable.

Signature of Owner Lingeline Taylor Date March 1, 1973

Three copies to be filed by the owner 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.

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Jo III	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•
	-Helena	Independent	Record
File 1	No		·····

Agan Janomh STE. I

UPLICATE		County Muselshell
	STATE OF MONTANA	
s well is believed to be ADI	MINISTRATOR OF GROUNDWATER C	
the line between section 10 ed by Angline Taylor and	O OFFICE OF STATE ENGINEER	Filed for record
	mution of Ventral Commission D	this 15t day of MARC
y o manager w manager of the	ration of Vested Groundwater R	lights of 1910 at 2120
or Musselshell, Mont. (Und	der Chapter 237, Montana Session Laws,	1901)5 404
Angelina Taylor		
G. K. & Margaret K. Murph	y of Musselshell,	Montana 59059
(Name of Appropr	iator) (Address) State of <b>Montana</b>	(Town)
have appropriated groundwat	er according to the Montana laws in eff	ect prior to January 1, 1962, as i
lows:	•	- ,
N	2. The henoficial use on which	the claim is based Stock
	2. The beneficial use on which Domestic & Irrigation of	garden
	2. Dete an annual mate dete af a	
<u> </u>	3. Date or approximate date of e	arnest beneficial use; and now call 1936 and continuously
1	thereafter.	
<u></u>	4. The amount of groundwater c	laimed (in miner's inches or galle
<b>X</b>	per minute) 10 Gallons	per minute (eather party : one half but may use any
X	intitled to at least 16 surplus not needed by the	one half but may use any
S	5. If used for inrigation, give t	en applied and name of the ow
m True between sections A	and 10 thereof From 1/4 to one south line S.E of the well on land	cared below and to t
		halawaisa ta kwaalisa Mawl
	E STATE OF STATE WELL ON LANCE	
Indicate point of appropriation	E 1	
Indicate point of appropriation and place of use, if possible.	6. The means of withdrawing su	ich water from the ground and t
Indicate point of appropriation	6. The means of withdrawing sulpocation of each well or other	ich water from the ground and the means of withdrawal
Indicate point of appropriation and place of use, if possible. Each small square represents 10	6. The means of withdrawing su	ich water from the ground and to
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing su location of each well or other Motor & Jacks	nch water from the ground and means of withdrawal
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing su location of each well or other Motor & Jacks	nch water from the ground and means of withdrawal Puro
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing su location of each well or other Motor & Jacks	nch water from the ground and means of withdrawal Puro
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  The date of commencement a drawal of groundwater Fall	6. The means of withdrawing su location of each well or other Motor & Jacks and completion of the construction of the value of the valu	ich water from the ground and means of withdrawal Pune
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Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

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STATE OF MONTANA, MUSSELSHELL COUNTY. DAY OF

A. D. 1973

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COUNTY RECORDER FILED THIS.

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# STATE ENGINE MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

N	W	ATER WELL L	OG	,	
	Owner Angeline	Taylor	Address	Muselshell	morel
	Driller Lacy Ta				
	Date Started	•			
	Location: Sec.	• . •			
S Type of well skri					
Type of well OCAC	(Dug, driven, bored, or drille	Equipme:	nt used. Churn (Chur	n drill, rotary, other)	************
Water use: Domes	stic Munici	pal	Stock	Irrigation	
Indust	rial Drain	age 🔲 o	Other:		
Casing:	ft. to 25 f	t. Type d	10-7Size	4in	
Casing Amefron	25 ft. to 70 f	t. Type	Size		
Casing:	ft. tof	t. Type	Size		•••••
Perforated or Scree	ened: Ft to	) ft	Ft	to ft	*********
-	erforations	n			
Static Water level, i	for non-flowing well:	40 fx from	n bottom	••••••	feet.
Shut-in pressure, fo	or flowing well:	lb./so	ą, in. on:	(date)	***************************************
Pumping water leve	21	feet at	gg		
• -				-	
Length of test		***************************************		-	********
Remarks: (Gravel	packing, cementing, packe	rs, type of shut-of	ff. depth of shut-ofi	n —	
	I has avery				sel 7
	J		$\mathcal{C}$		
				*******************************	************
				***************************************	*******
		(array)			

Log of Well

		Log of Well
Deptl	ı, feet	Description of Material Drilled
From	То	·
	25	Sand + clay
25	70	Sand + clay Intermettent layers of sandstone + Plus the
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Y"	\	
		·
		·
		\(\frac{1}{2}\)

				R 29	10
DE C	CEIVED			MUSSELSHEL	
8.395	IV 24 1959 MONT	ANA BUREAU OF I		GY	
A SINII		WATER WI	ELL LOG		
Type of w	Driller Date Start	VEELINE TAYLOR  ed JUNE 30 - A  sec W 10 T. 7  bored, or drilled)	Addr 1959 Date R. 29 % sec. S.	completed NOV 10=	Moly 7
	e: Domestic	Municipal Drainage Drainage Type.	Other:	Trigation X	
	ft. to			e	
Casing:	ft, to	ft. Type	Siz	e	
Perforate	d or Screened: Ft	to ft	Ft	to ft	
	creen or perforations				
	ter level, for non-flowing				
Shut-in p	oressure, for flowing well:		lb./sq. in. on:	(date)	•
Pumping	water level FROM SUL	PEACE 18 feet at	6	gal. per min	
How teste	d: BAILER	•		***************************************	
Length of	test / HR				
Remarks	: (Gravel packing, cemen	ting, packers, type of	shut-off, depth of shu	i-off)	
					***********
************				·····	•••••
***************************************	***************************************		***************************************		***************
	•••••••••••			······································	

(over)

Log of Well

Depth, feet From To	Description of Material Drilled
0 7	DIRT
7 31	SANDSTONE
31 32	CNAL
32 33	VERY HARD ROCK
38 35	BLUE SHALE
35 38	SANDSTONE
·	
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DECEIVED N OCT 21 1959 T. T. R. 2.9 /C

MONTANA BUREAU OF MINES AND GEOLOGY STATE ENGINEER Butte, Montana

### WATER WELL LOG

			*****			.*		
1	 	Owner A.N	BELINE	TAY	LOR	Address	MossELS	HELL MOI
							MUSSELSH	
		Date Start	ed JUNE	Th 1958		Date Co	mpleted.OcT	9-1959
		Location:	sec. W 10. 7	7	R 29 1/4	sec	UTH WE	s:7. £
Type of well	DRIL					_	N DRIL	(
Water use:	Domestic		Municipal		Stock	X	Irrigation	
	Industrial		Drainage		Other:			
Casing://	ONE	ft. to	ft.	Туре		Size		······································
Casing:		ft. to	ft.	Туре		Size		•••••••
Casing:	***************************************	ft. to	ft.	Туре		Size	•••••	••••••
Perforated o	or Screened	l: Ft	to ft		Ft		to ft	***************************************
Type of scre	en or perfo	rations		······································				••••••
Static Water	r level, for	non-flowing v	well:	•••••••				feet.
Shut-in pre	ssure, for f	lowing well:	••••••	•••••••••••••••••••••••••••••••••••••••	lb./sq. in. on	* *	(date)	
Pumping wa	ter level	*************	fee	et at	***************************************	g	al. per min	***************************************
How tested:								
Length of te	est						••••••	•••••
Remarks: (	Gravel pac	cking, cemen	ting, packers,	type of s	hut-off, depth	of shut-o	ff)	
Not	ENOU	6.H WA	TER TO	) PA	у <i>Р</i> ут'	TING	A PUMP	
() R.L.	LL	H O L /=		134	1N. L	) / A N	1.]	
	••••••••••		•••••••	(over	)			

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Log of Well

		rol of men	
Depth	, feet	Description of State and Conflict	
From	To	Description of Material Drilled	
*	7-	Λ.οπ	
0	1	DIRT	
_5	12	SANDSTONE	
12	15	BLUE SHALE	
•			,
15	120-	ALTERNATING LAYERS OF SANDY & BLUE SHAL	<i>r</i> =
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	County Mice seeled felf
	الماسية
	MONTANA BUREAU OF MINES AND GEOLOGY STATE ENGINEER  Butte, Montana
	11
	// WATER WELL LOG
	Owner Assigeline Taylor Address Musselskell Mort.
	Driller Dug. Lacy Tay to Address Guest Self Most
V	Date Started 1936  Date Completed 1936
	Location: Sectle 10 T 7 R 29 4 sec South West I
	Type of well Dug (Dug. driven, bored, or drilled) Equipment used Disk Sharel changedrills forunds.  (Churn drill, rotary, other)
	Water use: Domestic Municipal Stock Irrigation
	Industrial Other:
	Casing:ft. toft. Type Size
	Casing:ft. toft. TypeSize
	Casing:ft. toft. TypeSize
	Perforated or Screened: Ft to ft to ft
	Type of screen or perforations.
	Static Water level, for non-flowing well: 3 from bottom of well feet.
	Shut-in pressure, for flowing well:
	Pumping water level feet at gal. per min in the shringer of sear.
	How tested:
	Length of test.
•	Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  This is a day well a has no earny. The funnfing water
•	level & gol her min varies with the season
-	level + gel frer him varies with the season. The over all Lefth is 12 ft [Poor Well]

(over)

Log of Well

		Log of Well		
Depth	ı, feet			
From	To	Description of Material Drilled		
71011	- 10			
0	6 ft	-sand + clay		
6 St	10h	sand stone		
100	12 8	shale-Blue		
104	1-71	· structure in the stru		
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File No	V	·	7 N. R 29 E.
TRIPLICATE		(	County Phaselshell
	ADMINISTRA' OFFIC  Declaration of	TATE OF MONTANA  TOR OF GROUNDWATER CODE  E OF STATE ENGINEER  Wested Groundwater Rights  1 237, Montana Session Laws, 1961)	DECEIVED  STATE ENGINEER
	(O.1401 O.14p101	101, 1201111111 5051011 12010, 1201)	STAIL CHAINEEK
County of Mussel	f Appropriator) shell	of (Address)  State of Montana ng to the Montana laws in effect pri	(Town)
N		The beneficial use on which the claud irrigation of garden of a	
v	3. E	Date or approximate date of earliest tinuous the use has been November tinuously thereafter.	10, 1959, and con-
<u> </u>	4.	The amount of groundwater claimed	l de materiale la de la company
		per minute) 1/2 gallon per mi	i (in miner's inches or gailons
SW 1/4 Sec. 10. T.77	5. Na R 29E.	per minute) 1/2 gallon per minute)  If used for irrigation, give the acreadads to which water has been apprehereof 1/h acre within 35 fecuned by Angeline Taylor.	reage and description of the lied and name of the owner set of the well. Land
S	N. R. 29E. opriation possible. 6.	If used for irrigation, give the acrelands to which water has been apprehereof 1/h acre within 35 feomed by Angeline Taylor.	reage and description of the blied and name of the owner set of the well. Land the set from the ground and the sof withdrawal property and the motor with pump jacks
SW. 14. Sec. 10. T.77 Indicate point of approand place of use, if Each small square repreacres.  7. The date of commen	Na R. 29E.  opriation possible. esents 10	If used for irrigation, give the acreaded to which water has been appethereof 1/1 acre within 35 fewered by Angeline Taylor.  The means of withdrawing such was location of each well or other mean pump rod and the Person located in 5% of Section 10-  ion of the construction of the well, well, well, well, well and the construction of the well, well well, well well well well w	reage and description of the blied and name of the owner set of the well. Land ster from the ground and the s of withdrawal property packs.
SW 1/4 Sec. 10. T.77  Indicate point of approand place of use, if Each small square repreacres.  7. The date of commendingwal of groundwald and deepened	N. R. 29E.  opriation possible. 6. esents 10  accement and completer Commenced we to 175' on July	If used for irrigation, give the acreaded to which water has been appethereof 1/1 acre within 35 fewered by Angeline Taylor.  The means of withdrawing such was location of each well or other mean pump rod and the Person located in 5% of Section 10-  ion of the construction of the well, well, well, well, well and the construction of the well, well well, well well well well w	reage and description of the blied and name of the owner set of the well. Land ter from the ground and the sof withdrawal page 17-29.  Tells, or other works for withd November 10, 1959, to
SW 1/4 Sec. 10. T.77  Indicate point of approand place of use, if Each small square representations.  7. The date of commendawal of groundwa 38 and deepened.  8. The depth of water	N. R. 29E.  opriation possible. 6. esents 10  accement and complete ter Commenced we to 175 on July table 801	If used for irrigation, give the acreated to which water has been apprehereof 1/h acre within 35 fectored by Angeline Taylor.  The means of withdrawing such was location of each well or other mean pump rod and the Personal Control of the construction of the well, will June 30, 1959, and complete 25, 1961.	reage and description of the clied and name of the owner set of the well. Land ter from the ground and the sof withdrawal pump jacks 7-29.

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 not applicable.

Signature of Owner Cangeline Taylor

Date February 13, 1962.

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,
MUSSELSHELL COUNTY.

A D. 19.6 2

AT.3: 75 O'CLOCK M.

B. H. MATZKE

COUNTY RECORDER

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DEPUTY 83.00

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ПП	OCT	2	1958	עש

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County. Mus			

## STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

STATE EN	JINEER	But	tte, Montana	4 1.	_	
N		WATE	ER WELL LO	OG		
	1/ 🕳	~ ~	`		ss <i>Mussel</i> he	
×	Date Started.	195	<u>L</u>	Date (	Completed 19	5-6
Type of well	(Dug, driven, bore	;	Equipmer	nt used	Churn drill, rotary, other	r)
Water use: Domestic  Industrial		Municipal  Drainage		ther:	Irrigation  4 in	
Casing:		•	•• •			
Casing:	ft. to	ft.	Туре	Size		•
Perforated or Screene	d: Ft	to ft		Ft	to ft	***************************************
Type of screen or performance Static Water level, for Shut-in pressure, for fi	non-flowing wel	1:	130 fx	from both	tom fively	
Pumping water level		feet :	at		<b>,</b> ,	*************
How tested:						
Length of test	***************************************	***************************************	***************************************			***************************************
Remarks: (Gravel pa	øking, cementin	g, packers, ty	pe of shut-of	f, depth of shut-	off)	
This well his	e very	slow,	vein fr	vetir	LPoor We	gp ]
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Approved Stock Form-State Publishing Co., Helena, Montana-38687

T. 7N R 29 E

#### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater RightSTATE ENGINEER

vdaxull V.D	, of Mussclahell. Mont.
(Name of Appropriator)  County of Eusselshell	(Address) (Town)
have appropriated groundwater acco	ording to the Montana laws in effect prior to January 1, 1962, as follow
N N	2. The beneficial use on which the claim is based
	3. Date or approximate date of earliest beneficial use; and how co
E	1900s continues use to 50s cleaned in 59 used sessionally each year.
	4. The amount of groundwater claimed (in miner's inches or gallo per minute)25
8	5. If used for irrigation, give the acreage and description of the lan to which water has been applied and name of the owner there  Does not apply
1/4 SE2 Sec. 10 T. 7NR 29E	Does not apply
licate point of appropriation I place of use, if possible. ch small square represents 10	6. The means of withdrawing such water from the ground and t
es.	location of each well or other means of withdrawal
	Pump SE <sup>1</sup> , SE <sup>1</sup> , sac 10, 7N 298
•	207, 517, SBC 10, 7N 29B
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***************************************	
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The depth of water table About  So far as it may be available, the ty works for the withdrawal of ground	80 ft.  ype, size and depth of each well or the general specifications of any oth water 4 in case well depth about 230 ft.
The depth of water table About  So far as it may be available, the ty works for the withdrawal of ground	80 ft.  ype, size and depth of each well or the general specifications of any oth water. 4 in case well depth about 230 ft.
The depth of water table About  So far as it may be available, the ty works for the withdrawal of ground	apletion of the construction of the well, wells, or other works for wit d and repaired Mar. 10 1959  80 ft.  ype, size and depth of each well or the general specifications of any oth water 4 in case well depth about 230 ft.
The depth of water table About  So far as it may be available, the ty works for the withdrawal of ground	90 ft.  ype, size and depth of each well or the general specifications of any oth water 4 in case well depth about 230 ft.
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The depth of water table About  So far as it may be available, the tyworks for the withdrawal of ground  The estimated amount of groundwate  The log of formations encountered in	gype, size and depth of each well or the general specifications of any oth water 4 in case well depth about 230 ft.
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The depth of water table About  So far as it may be available, the tyworks for the withdrawal of ground  The estimated amount of groundwate  The log of formations encountered in the log of formation of a similar reference to book and page of any contraction.	ype, size and depth of each well or the general specifications of any oth water 4 in case well depth about 230 ft.  ter withdrawn each year. 200,000 gal.  In the drilling of each well if available Nonc
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

STATE OF MONTANA,
MUSSELSHELL COUNTY Sa

FILES THIS

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COUNTY LOORDER

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T. 7 H. R. 29 E.

County Mussclshell

### DUPLICATE

#### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights** 

(Under Chapter 237, Montana Session Laws, 1961)

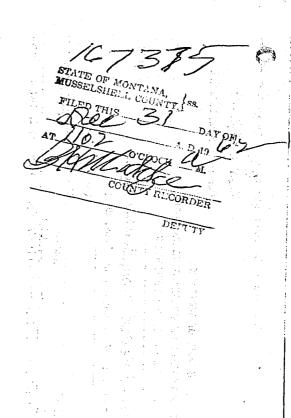
STATE ENGINEER

	(Address)  Montana  aws in effect prior to	(Town)
have appropriated groundwater according to the Montana lands of the Mont	aws in effect prior to on which the claim i	
2. The beneficial use Stock weter  3. Date or approximately	on which the claim i	
2. The beneficial use Stock weter 3. Date or approximately a second seco	on which the claim i	January 1, 1962, as follows
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3. Date or approxima		s based
3. Date or approximation of the use he		***************************************
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s to which water ha	as been applied and	and description of the land name of the owner thereo
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Pump	ven or other means (	T WILLIAM ALL.
Center Sec.	11 T7N R29E	
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). The estimated amount of groundwater withdrawn each year	r100,000Ga	1.
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l. The log of formations encountered in the drilling of each v	мен и аланары	
		***************************************
d. The log of formations encountered in the drilling of each v		
d. The log of formations encountered in the drilling of each v	in carrying out the	policy of this act, including
2. Such other information of a similar nature as may be useful	in carrying out the	policy of this act, includin
2. Such other information of a similar nature as may be useful reference to book and page of any county record	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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 3076



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F 1	(Elev. above sea lev	e12700)	Notice of	Compl	etion o	of Grou	ndwat	er
	$\mathbf{b}$	,				eans of		
	Clay		(Under Ch	apter 237,	Montana S	Session Laws	s, 1961)	
		Own	or Clayton	Jense	Addres.	s Mus	selsh	My Mois
29	7 gravel	Drill	erOsvilla L	9. Geet	LeAddres	s muss	elskel	4 mon
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44	- mud son	Ch - beath an	illed)		other			
42 -	I Blue C	lay Wate	er Use: Domestic Industrial		nicipal [	Other [ Stock 2		rigation [
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			Shut-in Pressure f	or Flowing	Well /	Von -1	E/ow	ing
_			Pumping Water Le					_
<b>-</b>								
·  -			Discharge in gal. p	er min. of	flowing we	11 // #	N-F	10WING
-	W	E	How Tested	uled	Leng	th of Test	/h	r,
			Remarks: (Gravel	packing,	cementing.	packers, ty	pe of shu	toff, loca-
-			tion of	place of us	se of groun	dwater if n	ot at well	l, and any
-		x		_		ormation, in		
-		N. E.	R.J. D acres in	rigated, if u	used for ir	rigation)		
	$SW_{1/4}SE_{Sec}/2$ Indicate location			Vone		•••••		
	place of use, if			1010-				
	small square repr	esents 10 acres.						
	Show exact depth of	f bottom. Doc. No.	1840	32		10 -	•••••	••••••
		Filed for	record	- )	Driller	's License N	un.ber	
		this		+/4	10.		OG,	ille
		A. D. 19. oʻclock	Α ΄		Driller	's Signature		

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.

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Form No. 18 8-60

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County Mussels	well		
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м	ONTANA BUREAU OF MIN Butte, Mont		
X	Water Well	Log	STATE ENGINEE
Owner	Glayton Jensen	Address	Musselsholl
Drille	er Same	Address	Same
Date S	Started June 10, 1944	Date Comp	1eted June 15, 1944
	ion: Sec. 13 T.		
Type of well Orille (Dug, driven,	d Equi	pment used Churn,	able, drill, rotary, other)
Water use: Domestic Industrial	Municipal  Orainage		
Casing: 0 ft. to			
Casing:ft. to	ft. Typ	eSi	ze
Casing:ft. to	ft. Typ	eSi	.ze
Perforated or screened	ft. 36 to ft.	20 . Ft	to ft
Type of screen or perfo	orations 3/16 round	holes	
Static water level, for	non-flowing well:	14	feet.
Shut-in pressure, for i	flowing well:	lb./sq. in. on	(date)
Pumping water level	14feet at_	10 gal. pe	er min
How tested: Cylinder	pump		
Length of test Forty ei	ght hr		
Remarks: (Gravel packs shut-off)	ing, cementing, pack	ers, type of shut	-off, depth of

(over)

Log of Well

<del></del>		Log of Well
Depth	feet	Description of Material Drilled
From	To	
0	10	Yellow Clay
10	18	Sandy gravel
18	24	Blue Shale
24	36	Yellow water dandstone
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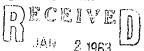
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DUPLICATE

County....lusaelshell

#### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER



# Declaration of Vested Groundwater RightsTATE ENGINEER

	G.	K. M	urphy				of		Musso	lshellm	Mont.	
		(Name	of Appr	opria	tor)		01	Address	)		(Town)	••••••
County	of	M	ussols	hel:	l .		State of	Mont	ana			
		priated	groundw	ater	accordi	ing 1	to the Montana lav	vs in effe	et prior	to January	7 1, 1962, as	follows
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	jj			-	}	3. 1	Date or approximat	e date o	f earlies	t beneficial	l use; and l	how con
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			-	-	(	1	per minute)	8)				************
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

STATE OF MONTANA,
MUSSELSHELL COUNTY; SEA

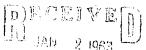
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COUNTY CORDER

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File No	T7HR29
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DU	PLICATE				County Mussclshell
		ADMINISTR		MONTANA ROUNDWATER CODI TE ENGINEER	E DECEIVE
	De	eclaration of (Under Chapt	Vested	Groundwater	Rights TATE ENGINES
			-	,	•
1	County of Mussal	shall		state of	hisselshell, Mort. (Town)
	have appropriated gr	oundwater according	g to the Mo	ntana laws in effect pri	or to January 1, 1962, as follows:
	N	2.			aim is basedstlc
	X	3.	tinuous the	use has been Home	iest beneficial use; and how con- stead days
w		E			
		4.	The amoun	t of groundwater claim	ned (in miner's inches or gallons
	8	5.	If used for	irrigation, give the acr	eage and description of the lands and name of the owner thereof
NE	1/4 NW4 Sec. 14 T. 71	R 29E	***************************************		***************************************
and	licate point of approp I place of use, if p ch small square repress es.	ossible.	The means	of withdrawing such	water from the ground and the
7.	drawal of groundwate	r Unknox	on of the co	nstruction of the well,	wells, or other works for with-
R	The depth of water t	able Unknov	ven		
	-	vailable, the type,	size and dep		eneral specifications of any other
	***************************************				
10.	The estimated amount	of groundwater w	ithdrawn ea	ch year 100,000	***************************************
					None
	•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	••••••		
12.	Such other information	n of a similar natur	e as may be	useful in carrying out	the policy of this act, including
			Q	ignature of Owner	151 Murphy
			ο.	Date Of Owner	Dec. 29, 1962
Thre	ce copies to be filed by	y the owner with th	ie County C		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. 3080 STATE OF MANTANA,
MUSSELSHELL COUNTY,
FILED THIS SAD, 19 COLOR CHAPTER COUNTY EXCORDER

COUNTY EXCORDER

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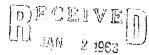


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DUPLICATE

County\_Musselshell

#### STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER



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

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

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STATE OF MONTANA, MUSSELSHELL COUNTY, 183

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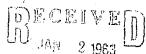
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County Musselshell

STATE OF MONTANA

### ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER



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County of Muse	selshell	(Address) (Town) State of kontana
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		Stock water
		3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 seasional use each year
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s		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
14 NE Sec. 15 T	7N R 29E	Does not apply
dicate point of ap		
nd place of use, in a chamber	if possible.	6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
		Pump NW4, NE4, sec15, 7N, 29E
drawal of ground	waterSI	apletion of the construction of the well, wells, or other works for with- servograph well 1956, cased and pumped that
drawal of ground	water	spletion of the construction of the well, wells, or other works for with- serrograph well 1956. cased and pumped that
drawal of grounds.  Silumer.  3. The depth of wat  3. So far as it may	ter table unkno	serograph voll 1956, cased and pumped that  ven; about 100 ft  ype, size and depth of each well or the general specifications of any other
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

STATE OF MONTANA,
MUSSELSHELL COUNTY SS 

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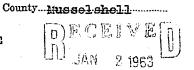
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File No.....

T. 7N R 29 E

DUPLICATE STATE OF MONTANA

> ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER



# Declaration of Vested Groundwater RightsTATE ENGINEER

	of Musselshell Mont.
(Name of Appropriator)	
ounty of Wisselsnell	State of Montena ding to the Montana laws in effect prior to January 1, 1962, as follows:
ave appropriated groundwater accor	amg to the montana laws in effect prior to bandary 1, 1502, as lonows
N Y	
	2. The beneficial use on which the claim is based
-	Stock water
	3. Date or approximate date of earliest beneficial use; and how con
	tinuous the use has been Spring 1956
<u> </u>	seasionally each year
	4. The amount of groundwater claimed (in miner's inches or gallons
<u> </u>	per minute)
1 1 1 1 1 1	5. If used for irrigation, give the acreage and description of the lands
<b>s</b> .	to which water has been applied and name of the owner thereof
NEED TERM PER TO COM	Does not apply
NE Sec. 17 T.7N R. 29E	***************************************
te 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
	LAND DO NEE WEE SOCTA ANSAR
rawal of groundwater Sept. 15.	55- Jan. 20, 56
he depth of water table 600 far as it may be available, the typorks for the withdrawal of groundw	pe, size and depth of each well or the general specifications of any other rater 6 in casing to 440 4 in casing 407 to 7000
he depth of water table 600 far as it may be available, the typorks for the withdrawal of groundw	pe, size and depth of each well or the general specifications of any other rater 6 in casing to 440 4 in casing 407 to 700
he depth of water table 600 far as it may be available, the typorks for the withdrawal of groundw	
he depth of water table	ft.  pe, size and depth of each well or the general specifications of any other rater 6 in casing to 440 4 in casing 407 to 7000  r withdrawn each year 100,000 gel.
awal of groundwater Sept. 15.  ne depth of water table. 600  of far as it may be available, the typorks for the withdrawal of groundwate  ne estimated amount of groundwate  ne log of formations encountered in  Log on file to long to  total depth 700 ft.	ft.  pe, size and depth of each well or the general specifications of any other ater 6 in casing to 440 4 in casing 407 to 7000 r withdrawn each year 100.000 gal.  the drilling of each well if available.  a copy.
he depth of water table	ft.  pe, size and depth of each well or the general specifications of any other ater 6 in casing to 440 4 in casing 407 to 7000  r withdrawn each year 100,000 gal.  the drilling of each well if available  c.copy.
he depth of water table	pe, size and depth of each well or the general specifications of any other rater. 6 in casing to 440, 4 in casing 407 to 700 r withdrawn each year 100.000 gal.  the drilling of each well if available

Three copies to be filed by the owner 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

STATE OF ONTANA.

MUSSEL MELL COUNTY SE

FILED THIS

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O'CLOCK GA

DEPLOY

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File No	, ,
DUPLICATE	$\sim_{\mathcal{O}_{\mathcal{A}}}\mathcal{F}^{T}$

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County Mussclshell

## STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE

STATE ENGINEER

OFFICE OF STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

N X	Date of Appropriation of Groundwater Homostead days  OwnerG. K. Lurphy Address Eusselshell Mont.  Contractor (if any) Mone.  Address of Contractor Hone  Date Started Date Completed Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Scenage Into pond  Cleaned in 1960
Sw 18 T/N R29E  Indicate point of appropriation and place of use, if possible.	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 150,000 gal.  75 stooms @ 10 gal. pro day for 200 days  Signature of Owner And Management of Country and Co

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.

- Should be gul. 7N R .29E File No. DUPLICATE County Mussqlspell D)E 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 Groundwater Homestead days OwnerG. K. Murphy Address Musselshell Mont. Contractor (if any) None. Address of Contractor None Date Started \_\_\_\_\_ Date Completed. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Seepage into pond . Cleaned in 1960 Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-HW W NW Sec 18 T 7N R 29E tent estimate approximate lengths of periods of use 150,000 gal. Indicate point of appropriation 75 steers @ 10 gel. pre day for 200 days and place of use, if possible.

Signature of Owner 915 1111 wasplung

Date Dec. 29, 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.

STATE OF MONTALA, MUSSICLSHELL COUNTY SE

DEPUTY

o · · ·	Approved Stock Form—State Publishing Co., Helena, Montana—41921 ag 3
File No	T /7. R 2-96.
DUPLICATE	
	STATE OF MONTANA TRATOR OF GROUNDWATER CODE FICE OF STATE ENGINEER  County
Declaration (Under Ch	of Vested Groundwater Rights: ENGINEER  apter 237, Montana Session Laws, 1961)
(Name of Appropriator)  County of YALA Seight And have appropriated groundwater according	(Address) (Town)  State of Ty or Lower 1, 1962, as follows:
N	2. The beneficial use on which the claim is based Rucastock
w	3. Date or approximate date of earliest beneficial use; and how continuous the use has been transfer and tran
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
s	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
52.4 Sec. 14 T. 1 A. R. 24 E.	
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.
	JEWSIC M-TIMER GE
7. The data of commencement and computational of groundwater.	oletion of the construction of the well, wells, or other works for with
0 m 3 3 3 4 5 5 6	•
9. So far as it may be available, the type works for the withdrawal of groundwat	pe, size and depth of each well or the general specifications of any other er
	<u> </u>
10. The estimated amount of groundwater	withdrawn each year A.O.O., D.O.A. A.A.A.
	he drilling of each well if available
12. Such other information of a similar na reference to book and page of any coun	ture as may le carrying out the policy of this act, including ty record
	Signature of Owner John & Turlug &r
Three copies to be filed by the owner with th	e County Clerk and Recorder of the county in which the well is located.
	le, 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.

169753

STATE OF MONTANA, SE.
MUSICE SHELL, COUNTY, SE.
MUSICE SHELL, COUNTY, SE. A. D. 1963

\_CCLOCK\_\_\_M.

B. H. MATZKE C. D. RECORDER Granes & Dawson

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•	"Approv'd Stock FormState Publishing Co., Helena, Montana-41921 &	. 3 مر
No	T 11 R 395.	
	STATE OF MONTANA  ADMINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER	hand (
	ation of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961)	
unty of TYMA LL	ropriator), of GADO ) Miles illa (Town)  GADO State of Miles of January 1, 1962, as follows:	
N	2. The beneficial use on which the claim is based	ch
	3. Date or approximate date of earliest beneficial use; and how con ous the use has been detailed.	ntinu-
	E	
	4. The amount of groundwater claimed (in miner's inches or games and the second	allons
s	5. If used for irrigation, give the acreage and description of the to which water has been applied and name of the owner the	lands reof
1/4 Sec.20 t. 7n r.29		
cate point of appropriation place of use, if possible. Each I square represents 10 acres	h 6. The means of withdrawing such water from the ground and the tion of each well or other means of withdrawal	
	7524512 TIN ROPE	
drawal of groundwater	t and completion of the construction of the well, wells, or other works for	with-
	9 3 4	
The depth of water table	134 (1.	
So far as it may be availab works for the withdrawal of	ble, the type, size and depth of each well or the general specifications of any groundwater	other
	- 1	
		, <b></b>
The estimated amount of gre	oundwater withdrawn each year 100,000 gnl	
Lue log of formations encour	ntered in the drilling of each well if available and a less stands	ich
Such other information of a reference to book and page o	similar nature as may be useful in carrying out the policy of this act, inches fany county record	uding
	Signature of Owner John E. July  10th Ruc 31-196	אג

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 Adruplicate for the Appropriator.

169754

STATE OF MONTANT. SOM MUSSELSHELL COUNTY.

DAY OF

A D. 19 63

AT 4'34 O'CLOCK PM

COUNTY RECORDER

Manus J. Sames

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		T 7 R	29
DECEIVE		County Musaul W	hell
DEC 2 1957			
STATE EN	NA BUREAU OF MINES AN Butte, Montana	ND GEOLOGY	a y Aran da
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
	WATER WELL LOG	0 -	OPW
Owner	Wralk 6 Jur	lef Address Muss	selshell
Driller &	win Corbas	Address Lya	ge
	Oresce ) in 18		hist
Date Started	y and a second	Date Completed	- Mary
Location: Se	6.2/ ST 74 R29	EnsechWgn	E
Type of well Drilles	Equipment us		11/2 /
(Dug, driven, bor	red, or drilled)	(Churn drill, rotar	y, other)
Water use: Domestic	Municipal S	tock Irrigat	ion
Industrial	Drainage Other		£ 20 %
casing: 6 in ft. to	It Typ Preside	stee size 6 in	
Casing Surfacet to Be	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Size	
Casing:ft. to	$\mathcal{F}_{\mathcal{A}} = \mathcal{F}_{\mathcal{A}} + \mathcal{F}_{\mathcal{A}}$	Size	
Prforated or Screened: Ft. 50	to it at Re-	laun to ft.	
~ 4	n. 00.0		
Type of screen or perforations	music 11	27. 1/2	87
Static Water level, for non-flowing w	William .	Wire Dirin	feet.
Shut-in pressure, for Mowing well	115./sh1n?	dn: (date)	<u>.                                    </u>
Pumping water level	feet at	gal per mi	a
How tested:	2 <b></b>	· · · · · · · · · · · · · · · · · · ·	
Length of test Dice	- How		
Remarks: (Gravel packing, cementing	ng, packers, type of shut-off, d	epth of shut-off)	
			***************************************
			***************************************
			with the same

(over)

Log of Well

		nog of work
Dept From	To	Description of Material Drilled
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H	34	Sand rock
\$ 41.),	14.11	shole + dalod
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24	X26	loal mil
126	142	III Shale & sandrock
142	182	land rock tard
182	200	Shale of saudy rock
200	238	Said sock hour water
238	252	shale 1 1-in 1
257	2/8	shale & song sork chart
		12.17
		211187 901 102
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	pe	minute for onepour
	2	Its of water yet in hole
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RECEIVED

711 29E - 23

ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
OUT OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show cepth at which water is found and height to which water rises in well.

COMPANY			•			5		•		
s	TATE OF	MONTANA		UNI 12	1977		D	RILLER'S LO	G	
<b>ADMINISTRA</b>	TOR OF	GROUNDWAT	TER CODE	,		Indicate	the	character.	color.	t
MONTANA	<b>WATER</b>	RESOURCES	BOARD,	riva prespred	TOT OF MAT	neer of	ctrata	euch as so	il clay	

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. To (Feet) From (Feet) gray send (fierd) Please answer all questions. If not applicable, so state, otherwise the form may be returned. 20 bine gray saske a sd 59 CUMI 50 gray snale & bentonite 59 112 Owner G.K. Murchy For Administrator's Use sand ( Hard) T12113 Musselshell, Mont grays black smale 113 163 File 183682 Gray shale bentonite May 11, 1972 9:550,00 & shell& send Date well stated Auril 24,1972 GW 1 180 184 <del>bentonite w/-shale sti</del> completed April 28, 1972 184 186 COLL benconite w/ gray shaf <del>108</del> 258 send bentonite w/ coal 258 265 Type of well \_\_\_ D rilled sand - (tight) 265 272 302 bent & gray shale Equipment used Rotary 302 sand benconite w/bosi 312 (Churn drill, rotary or other) bentonite w/ blue shall <del>312</del> Stock [ | Irrigation [ Water Use: Domestic ☐ Municipal ☐ 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 ESTIMATED ANNUAL WITHDRAWAL . Size of Drilled Hole PERFORATIONS Kind Size From (Feet) To (Feet) 57.4 64 slotted 254 310 . 0 318 17#101 Static water level 35270 ft.\*

Pumping water level ft.\* .....gallons per minute, measured .....minutes after pumping began. \*Measured from ground level ing Power..... Pump.... Remarks: (Gravel packing, cementing, packers, type of shutoff) ..... SW 14 SW 14 Sec. 23 T. 7 n N R. 29 E INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. Driller's Signature melle E. Driller's Address ....Klein Star Bto.

Roundup. Hont. LICENSE NO. 207

50,361

\_\_ Show exact depth of bottom

183682

STATE OF MONTANA,
MUSSELSHELL COUNTY,
FILED THIS DAY OF
A D 19 Ze

AT G. S. F. PLETCHER

CLAUDE F. PLETCHER

COUNTY RECORDER

DEPUTY

Carle Carle

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