STATE OF MONTANA, MUSSELSHELL COUNTY. Ss. FILED THIS 30

DAY OF

Clesender A. D. 1963

AT 9: 00 O'CLOCK QM.

B. H. MATZKE

Janus L. Laurs \$ 100 m

Form No. 18			T. 7	71	R. 26	E
					selshel	L_
	MONTANA BUI	REAU OF M	MINES AND GE Ontana		EIVED 1 1 1981	
	_		ll Log	STATE	ENGINEEL	}
	Owner Johns	1 Ove	rgard	ddress	Loude	<del></del>
	Driller Dox	Str	and A	ddress_	Loundi	p_
	Date Started	10-	30-61 D	ate Com	pleted //_ /	-61
	Location: Sec.	<u>≥∞</u> T.	70 R. 2	<u>6E 1</u>	sec. S WY.	1/Ea
Type of well	Dullad ug, driven, bored, or dril	Ec	quipment use	d (Chi	Theen, mill, rotary,	other)
Water use: Don	mestic Mur	nicipal [	Stock	<b>X</b> 1	rrigation	]
Casing:O						
Casing:	ft. to	_ft. 1	Гуре	s	ize	
Casing:	ft. to	_ft. 1	Type	s	ize	
Perforated or so	reened: Ft. 3	to ft	50.	Ft	to ft	<del></del>
Type of screen o	r perforations_	Las	tony	slot	<u> </u>	·
Static water lev	el, for non-flow	ing well	L:			feet.
Shut-in pressure	, for flowing we	:11:	lb./s	iq. in.	on:(dute)	
Pumping water le	vel	_feet at	;	gal.	per min.	
How tested: Bo	il-tested	at.	21 gol.	per	· min.	
Length of test_	30 1	<u> </u>				
	l packing, cement to the contract of the contr	nting, pa	ackers, type	of shu	t-off, depth	n of
Gravel - A	racked ar	ound	l. outs	ile	of care	· ~~~
to keep	soft der	& fro	m rol	ling	esci.	<u> </u>
<i>V</i>	<b>V</b>	F.		/		

(over)

		DOG OF WOLL
Depth,	feet	
From	То	Description of Material Drilled
0	18	Sandy loam
18	19	Land rock;
19	36	Soft Dand
36	38	Hard tan Shale rock
38	43	Coarse sand rock- Water - 20 gal per m-
4/3	50	Coarse, sand rock-Water - 20 gal. per M- Soft. blue shele
	· · ,	
-	 	

TN 26E\* 20 County Mussel shell

3 GW 2 Revised 1969 STATE PUBLISHING COMPANY

# STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL Developed after January 1, 1962

	Indicate	the	charact	ter, col	lor, thick-
	ness of	strata	such as	s soil, c	lay, sand,
į.	gravel,	shale,	sands	tone, e	tc. Show
					ound and
					s in well.

DRILLER'S LOG

DOVINOPON ALICE DALIDARY 1, 1702			
(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 (Feet)	To (Feet)	
which the well is located, last copy to be retained by driller.	<u>_Q_</u> .	4	topsoil
Please answer all questions. If not applicable, so state, otherwise the form may be returned.	-44	35_	brown sandstone
· ·	-35_	5 <u>4</u> 58	hlue shale w/sand strks
Owner .C. I. CAllister and For Administrator's Use	-58.	73_	blue shale w/sand-strke
Address M. Armstrong File	-73-	76_	8074
Box 260 Billings, Mont. 59103 Qual 28, 1973	-76 -79	79 95-	sand & bentonits blue shale
Date well started was 15, 1972 GW 1			
completed Nov. 16, 1972			
Type of well	;	 - <del>, t, (</del>	120 1916
Equipment used Rotary			
(Churn drill, rotary or other)			
Water Use: Domestic Municipal Stock Municipal Irrigation	127°		
Industrial Drainage Other * Garden/Lawn *	: : :		
*Describe			
USE: If used for irrigation, industrial, drainage on other. Explain, state number of acres and location or other data (i.e. Lot, Block			
. ↑ <b>g</b>			
and Addition)			
ESTIMATED ANNUAL WITHDRAWAL			
Size of   Size and   From   To			
Hole of Casing			
Size (Feet) (Feet)			
6 3/4 53 o 95 slotted 68 90			
Plastic			
N			
Static water level50ft.*			
Pumping water level 15ft.*	-		
atgallons per minute, measuredminutes after pumping		-	
began.	'		
*Measured from ground level.  Well developed by belling			
forhours.			
Power Pump HP	<b> -</b> - ,		
Remarks: (Gravel packing, cementing, packers, type of shutoff)			
N <sup>1</sup>			
SE			
1.7. N K. 23 E W			
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.			
EACH SMALL SQUARE REPRESENTS 40 ACRES.			
Driller's Signature The First Fig. 1			
·		]	
Driller's Address			
Roundup Hont 59072 LICENSE NO207	<del>95</del>		Show exact depth of bottom

STATE OF MONTANA,
MUSSELSHELL COUNTY,
FILED THIS

AD 19

AT 3:46 O'CLOCK M

CLAUDE F. FLETCHER

COUNTY RECORDER

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GW 2 Revised 1969

STATE OF MONTANA PECE VED

ADMINISTRATOR OF GROUNDWATER CODE

MONTANA WATER RESOURCES BOARD JUN 1 973

## NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL AND CONSERV. TION Developed after January 1, 1962

County MUSSELS HILL

#### 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.

(Under Chapter 237 Montana Session	⊼op of	Ground	(Eiev. 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			To (Feet)	
which the well is located, last copy to be retained by driller.			12	BROWN SAN OF TOP SOIL
Please answer all questions. If not applicable, so state, otherwise the form may be returned.			90	SAMUSNALO GREV BLUE SKALE
•		24	115	SAND. Bentonite
Owner AMBREW COBIN	For Administrator's Use	115	122	
	·	123	150	SANO SHAJE
Address Bouneup Mont	File 185724	145		
	June 13,1973			والمراقع والم
	i		<del> </del>	
Date well started 8-19-72	GW 1		<del> </del>	والمراجعة
completed 8-2/-77				والمراجع المراجع المراجع المراجع المراجع والمراجع المراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع
Type of well DAILLED	ug, driven, bored or drilled)			وخات الحياة الخالج الحياة الحياة الحياة وليس وميان سياس ليسان يوسن إسبان بسائد وليس وسياء وسنت وليسن
Equipment used BotARY				
=40.6	Churn drill, rotary or other)		<b> </b>	1111 - 122 - 112
Water Use: Domestic Municipal	] Stock [] Irrigation []			WATERO 122-145 WATER LEVEL DOFT
Industrial 🗍 Drainage 🧻 O	than DX Condon (town D			
modsifier [] Drainage [] O	ther []* Garden/Lawn []			
*Describe				الدياسية ماك 1976 كينك بالمال فصاد ينسب مينية سات عنيية بييس بمين سوند ينجي عييب يبايور مييار سيدر يرمي
USE: If used for irrigation, industrial,	drainage or other. Explain,			
state number of acres and location				
and Addition).				
ESTIMATED ANNUAL WITHDRAWAL 2	00,000			
Size of Size and From To Drilled Weight (Feet) (Feet) Hole of Casing	PERFORATIONS			
Hole of Casing	Kind From To Size (Feet) (Feet)			
64 5 14 150	L" -			
PLASTR	\$" 90 150			
	Stots			
		ļ		
	<u> </u>			
N	tic water level			
Sign Pur	nping water level 140 ft.*			
at	gallons per minute,	,		
	asured $\mathcal{J}\mathcal{L}$ ninutes after pumping			
	gan. easured from ground_level.			<del></del>
We	Il developed by 3A12 inc.			
for	hours. ver			
	ver			
hard nar	kers, type of shutoff) PACHE			
	6 OF T. Be NTONITE			
6 20 20 7	s top.			
T. 7 N R 26 E	· · · · · · · · · · · · · · · · · · ·			
INDICATE LOCATION OF WELL AND P	LACE OF USE IF POSSIBLE			
EACH SMALL SQUARE REPRESENTS 40	•			
Driller's Signature 223				
Driller's Address 015508			150	
PRAIRIE DRIVE	LICENSE NO. 17/		<u>, , , , , , , , , , , , , , , , , , , </u>	_ Show exact depth of bottom
BILLINGS Mont.				53,513.

A D. 19.23 O'CLOCK P.M. DEPUTY

1000 Acres 1830

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Laurent Collegate Dijosperit i generalise

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Sec. 2484. 5. 254 Action (ph. 128)

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GW		Approved Stock Form-State Publishin	g Co., Helena, Montana—41338
File	No	T	7 R 26
מעמ	PLICATE	Co	untyMusselshell
	ADMINISTRA OFFICE  Declaration of	STATE OF MONTANA ATOR OF GROUNDWATER CODE DE OF STATE ENGINEER Vested Groundwater R er 237, Montana Session Laws, 1961)	DECEIVED
	(Under Chapte	er 237, Montana Session Laws, 1961)	STATE ENGINEER
1	Clarence E. Miller (Name of Appropriator)		
	County of Musselshell have appropriated groundwater according	State of Montana	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		to the montana laws in effect prior	to daduary 1, 1902, as follows:
		The beneficial use on which the claimirrigation and stockwater, d  Date or approximate date of earlies tinuous the use has been 1948	t beneficial use; and how con-
		Continuous use	
"	E		
	4.	The amount of groundwater claimed	
		per minute)1000 miners inche	
1	5	If used for irrigation, give the acrea	ge and description of the lands
Indi	3 flowing springs in  14.NN. Sec21. T7 R26 cate point of appropriation place of use, if possible. h small square represents 10  6.	to which water has been applied at 100 acres in Section 21 and ship 7 North, Range 26, lyin pwner Clarence E. Miller  The means of withdrawing such w location of each well or other mean	ad name of the owner thereof part of Section 17, Town g East of highway 87,  ater from the ground and the s of withdrawal
7.	The date of commencement and completic drawal of groundwater	Natural flowing springs a irrigation on of the construction of the well, we for irrigation since 1948.	vells, or other works for with- Stockwater use was prior
8,	The depth of water tableground-le	volsprings-flow-naturally	
	So far as it may be available, the type, sworks for the withdrawal of groundwater  All three springs fl	size and depth of each well or the gen	eral specifications of any other
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
10	The estimated amount of groundwater w		
11.	The log of formations encountered in the	e drilling of each well it available	
12.	Such other information of a similar natur reference to book and page of any county	re as may be useful in carrying out t	he policy of this act, including
	•••••••••••••••••••••••••••••••••••••••	······································	***************************************
		Signature of Owner	LAKEHER SE ENVARIBLE
			December 18, 1963

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

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

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

STATE OF MONTANA, MUSSELSHELL COUNTY. ST.

AD DAY OF

AD 1963

AT 11:09 O'CLOCK CM

B. H. MATZKE

COUNTY RECORDER

COUNTY RECORDER

COUNTY RECORDER

	_		,
· .	Approve	d Stock Form-State Publis	hing Co., Helena, Montana-41921
ile No. 5			т 7м к26к
UPLICATE			County : Cou
Declara	STATE OF MON ADMINISTRATOR OF GROU OFFICE OF STATE E tion of Vested Gi Inder Chapter 237, Montana	TANA JINDWATER CODE NGINEER Oundwater	DECEIVED Rights SNOINEER
(°	Inder Chapter 237, Montana	Session Laws, 1961	STATE ENGINEER
clarence R. Willer	n.e		Roundup
(Name of Appr County of Musselshell	nriauori	(21447600)	(20,12)
have appropriated groundwate  7 N  2  1  1  1  1  1  1  1  1  1  1  1  1	26E 2. The beneficial of the Montana  3. Date or approximate out the use has t	imate date of earlie been 1955; 6 45 Cach Ye f groundwater clair	m is based
ndicate point of appropriation nd place of use, if possible. Each mall square represents 10 acres  7. The date of commencement	tion of each we Well; N	ll or other means of	ater from the ground and the loca withdrawal
drawal of groundwater	in e		

Signature of Owner Clarence & Baille

Dat 12-18-63

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, SS.

MUSSELSHELL COUNTY. SS.

FILED THIS 36 DAY OF

A. D. 19 63

AT / 10 4 O'CLOCK QM.

B. H. MATZKE

COUNTY RECORDER

Flaire DEPUTY

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

File No.....

DUPLICATE

County. ADMINISTRATOR OF GROUNDWATER CODE

STATE ENGINEER

#### Notice of Completion of Groundwater Appropriation Without Well

OFFICE OF STATE ENGINEER

STATE OF MONTANA

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of Groundwater not available
	Owner Own 7 Janus Address Noundry Mon
	Contractor (if any)
	Address of Contractor 2
	Date Started not available Date Completed not available
N  Sec. 25. T. 2. R. 2. Le  Indicate point of appropriation and place of use, if possible.	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable this is a matter of the state of matter of the state o
	Signature of Owner Our 7 James
	Date ( 15 /967

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

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

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

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

STATE OF MONTANA, MUSSELSHELL COUNTY.

MUSSELSHELL COUNTY.

FILED THE ZO DAY OF

A. D. 19. 45

AT 3:51 O'CLOUK N

B. H. MA'IZKE

COUNTY RECORDER

COUNTY RECORDER

DEPUTY

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C		a 301 17 5
File No	Т	N = 25
DUPLICATE		inty <u>Russclahell</u>
	STATE OF MONTANA	* * * * * * * * * * * * * * * * * * *
ADMIN	ISTRATOR OF GROUNDWATER CODE	
,	OFFICE OF STATE ENGINEER	DECEIVED
Declarat	ion of Vested Groundwater Rights	DEC 23 1963
	Chapter 237, Montana Session Laws, 1961)	STATE ENGINEER
		OTTE ENGINEER
1. Owen Farnes	, of Roundup	
(Name of Appropriator	(Address)	(Town)
nave appropriated groundwater a	State of Montana ccording to the Montana laws in effect prior	to January 1, 1962, as fol-
lows:	•	
N	2. The beneficial use on which the claim	is based Stockenter
		***************************************
<b>8</b>	3. Date or approximate date of earliest be	
	tinuous the use has been July 1959 drilling, and has been in contin	cate completed for
#   E	***************************************	
	4. The amount of groundwater claimed (i	n miner's inches or gallons
	per minute) 5 gallons per minut	
	•	***************************************
•	<ol><li>If used for irrigation, give the acreal lands to which water has been applied</li></ol>	ge and description of the d and name of the owner
	thereof none	***************************************
Sec 23 T 7 R 26		***************************************
Indicate point of appropriation and place of use, if possible.	6. The means of withdrawing such water	from the annual and the
Each small square represents 10	——————————————————————————————————————	——————————————————————————————————————
acres.	location of each well or other means o	***************************************
	***************************************	**************************************
	completion of the construction of the well, well	s, or other works for with-
drawal of groundwater Jaly, 1959		/*************************************
8. The depth of water table	Feet	
9. So far as it may be available, the	type, size and depth of each well or the gen	erai specifications of any
C'inch' calling, depth 3	groundwater 05 feet,	************************************
***************************************		*********************
0. The estimated amount of grounds	water withdrawn each year 200,000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1. The log of formations encountered 25-130 Burf sandsteres 130-2 265-262 Sand w 305-130 Eard mandy shales 33	in the drilling of each well if available 1.50 10 sandy shele; 210-212 Coal; 212-21 1th water 2 gal per min.; 262-305 shall coal with nore water increased to pleted at 365, cased to bottom with 60 pleted at 365 pleted a	lo strak with coals to 5 calper min.s
<ol> <li>Such other information of a similar reference to book and page of any</li> </ol>	ar nature as may be useful in carrying out the percounty record	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.

Signature of Owner Caralles

Date Docember 20, 1963

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

A D. 196-3

AT 3:48 OULDER M.

B. H. MATZKE

COUNTY RECORDER

Z. AZ

The second of th

STATE ENGINEER

	Independent R	ecord			N E N
ile No	***************************************				T 7 N 2 6
UPLICATE	;				County muss
1 12 /		A TORK		TATE OF MONTANA TOR OF GROUNDWATER CODE	
		ADM		E OF STATE ENGINEER	DECEIVE
					DECEIVE Dec 23 1963
•				Vested Groundwater Right	3
		(Under	Chapter	237, Montana Session Laws, 1961)	STATE ENGINEE
O		17	-	$\mathcal{O}$	
1 <i>U</i> ~	(Name o	f Appropriat	or)	of Raundle (Address)	(Town)
County	of 1222 -	بسصاب وسلاجها	ald	g to the Montana laws in effect pr	مهان سان
lows:	propriated (	groundwater	accordin	ig to the Montana laws in effect pr	for to January 1, 1902, as 101-
	N		2.	The beneficial use on which the cl	aim is hasad
			4.	The beneficial use on which the ci	auu 15 Daced
			3.	Date or approximate date of earlies	t beneficial use; and how con-
				tinuous the use has been	49 and used
	•	E		of water at	och pai
	<del>                                     </del>		4	The amount of groundwater claime	
	<u> </u>		χ.	per minute)	
	<u> </u>		5.	If used for irrigation, give the aclands to which water has been ap	reage and description of the
	8	• •			
. معود	_			thereor	
/ /== 1/. (	T V 6-002	2 226		thereof	
_	Sec. 2. Y. T int of appr			none	
Indicate po and place	int of appr of use, if	opriation possible.	6.	The means of withdrawing such w	ater from the ground and the
Indicate po	int of appr of use, if	opriation possible.	6.	The means of withdrawing such w	ater from the ground and the
Indicate po and place Each small	int of appr of use, if	opriation possible.	6.	The means of withdrawing such w	ater from the ground and the
Indicate po and place Each small acres.	int of appr of use, if square repr	opriation possible. esents 10	complet	The means of withdrawing such w location of each well or other means of the construction of the well.	ater from the ground and the ns of withdrawal wells, or other works for with-
Indicate po and place Each small acres.	int of appr of use, if square repr	opriation possible. esents 10	complet	The means of withdrawing such w	ater from the ground and the ns of withdrawal wells, or other works for with-
Indicate po and place Each small acres.  7. The date drawal o	int of appr of use, if square repr e of comment of groundwa	opriation possible. esents 10 ncement and	complet	The means of withdrawing such w location of each well or other means of the construction of the well,	ater from the ground and the ns of withdrawal wells, or other works for with-
Indicate po and place Each small acres.  7. The date drawal o	int of appr of use, if square repr e of comment of groundwa	opriation possible. esents 10 ncement and	complet	The means of withdrawing such w location of each well or other means of the construction of the well.	ater from the ground and the ns of withdrawal wells, or other works for with-
Indicate po and place Each small acres.  7. The date drawal communities.  8. The dep  9. So far as	int of appr of use, if square repr e of commer of groundwa th of water s it may be	opriation possible. esents 10  ncement and ater table available, th	complet	The means of withdrawing such w location of each well or other means ion of the construction of the well, with the construction of the well, with the construction of the well, with the construction of the well or the construction of the construction	ater from the ground and the ns of withdrawal wells, or other works for withgeneral specifications of any
Indicate po and place Each small acres.  7. The date drawal of the dep  8. The dep  9. So far as other we	int of appr of use, if square repr e of commen of groundwa th of water s it may be	opriation possible. esents 10  ncement and ater table	complet	The means of withdrawing such w location of each well or other means ion of the construction of the well, which well are and depth of each well or the dwater	ater from the ground and the ns of withdrawal
Indicate po and place Each small acres.  7. The date drawal of the dep  8. The dep  9. So far as other we	int of appr of use, if square repr e of commen of groundwa th of water s it may be	opriation possible. esents 10  ncement and ater table	complet	The means of withdrawing such w location of each well or other means ion of the construction of the well, with the construction of the well, with the construction of the well, with the construction of the well or the dwater	ater from the ground and the ns of withdrawal
Indicate po and place Each small acres.  7. The date drawal of the dep  8. The dep  9. So far as other we	int of appr of use, if square repr e of commen of groundwa th of water s it may be	opriation possible. esents 10  ncement and ater table	complet	The means of withdrawing such w location of each well or other means ion of the construction of the well, with the construction of the well, with the construction of the well, with the construction of the well or the dwater	ater from the ground and the ns of withdrawal wells, or other works for withgeneral specifications of any
Indicate po and place Each small acres.  7. The date drawal of the deposition of the	int of appr of use, if square repr e of comment of groundward th of water s it may be orks for the	opriation possible. esents 10  ncement and ater  table available, th withdrawal	g complet	The means of withdrawing such w location of each well or other means ion of the construction of the well, with the construction of the well, with the construction of the well or the dwater	ater from the ground and the ns of withdrawal wells, or other works for withgeneral specifications of any
Indicate po and place Each small acres.  7. The date drawal of the dep so far as other we contain the dep so far as other	int of appr of use, if square repr e of comment of groundward th of water s it may be orks for the	ncement and ater available, the withdrawal	e type, si of groun	The means of withdrawing such w location of each well or other means ion of the construction of the well, withdrawn each year	ater from the ground and the ns of withdrawal wells, or other works for withgeneral specifications of any
Indicate po and place Each small acres.  7. The date drawal of the dep so far as other we contain the dep so far as other	int of appr of use, if square repr e of comment of groundward th of water s it may be orks for the	ncement and ater available, the withdrawal	e type, si of groun	The means of withdrawing such w location of each well or other means of the construction of the well, withdrawn each year 5.000 drilling of each well if available	ater from the ground and the ns of withdrawal wells, or other works for withgeneral specifications of any
Indicate po and place Each small acres.  7. The date drawal of the dep so far as other we contain the dep of the contain the contain the dep so far as other we contain the dep so far as other	int of appr of use, if square repr e of comment of groundward th of water s it may be orks for the	ncement and ater available, the withdrawal	e type, si of groun	The means of withdrawing such w location of each well or other means ion of the construction of the well, withdrawn each year	ater from the ground and the ns of withdrawal wells, or other works for withgeneral 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 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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STATE OF MONTANA, MUSSELSHELL COUNTY.

MUSSELANIE I COUNTY

B. H. MATZKE

COUNTY JECORDER

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STATE SHORES

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	OFFICE OF STATE ENGINEER	DECEIVE DO DEC 23 1963
	ation of Vested Groundwater Righ Chapter 237, Montana Session Laws, 1961	. CINIE PINGUNG
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and place of use, if possible. Each small square represents 10	6. The means of withdrawing such	_
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7. The date of commencement and	completion of the construction of the well,	, wells, or other works for with-
drawal of groundwater	show-	

7.	The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8.	The depth of water table 75 to 80 feet
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
10.	The estimated amount of groundwater withdrawn each year
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 Que 7 Farmes

Date Ose 15, 1963

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

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

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

11687

STATE OF MONTANA, MUSSELSHELL COUNTY. SE B. H. MATZKE

COUNTY RECORDER

Laine Chauma

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER  Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961)  County of Marian State of Montana Session Laws in effect prior to January 1, 1962, as follows:  2. The beneficial use on which the claim is based  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  1. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater w	le No			T 7 N 26 "
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Date 15. 1963	•••••			A

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,
MUSSIELSHELL C UNTY,
FILIED THIS

A. D. 19

AT 3:50 O'CLOCK M.

B. H. MATZKE

COUNTY RECORDER

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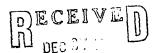
SEVER DECISION

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County Musselshell

DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER



#### Declaration of Vested Groundwater Rights TATE ENGINEER

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N F	2. The beneficial use on which the claim is based
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The log of formations encountered in	the drilling of each well if available Mill dudy Lale
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	nature as may be useful in carrying out the policy of this act, including
	. /\
	Signature of Owner Wan Sn Harly  Date December 20, 191
	Signature of Owner

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 13578

FILED THIS 26 DAY OF A. D. 196

GW.		Approved Stock Form-State Pub	lishing Co., Helena, Montann—41338
File No	D		
DUPLI	CATE		County Musselshell
	4 70 10 00 17	STATE OF MONTANA	
		STRATOR OF GROUNDWATER COL	DECEIVE DECEIVE
	Declaration	of Vested Groundwater	Rights
	(Under C	hapter 237, Montana Session Laws, 196	1) STATE ENGINE
1 Co	(Name of Appropriator) unty of Ausselske	(Address)  State of	Mantand (Town)
ци	ve appropriated groundwater acco.	rding to the Montana laws in effect p	rior to January 1, 1902, as follows:
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	<b>9</b>	4. The amount of groundwater claim per minute)	per minute
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re	ference to book and page of any co	nature as may be useful in carrying or	
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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.

Signature of Owner. Man.

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.

Date December 20/1963

FILED 3 AD. 1963

AT. // :// O'CLOCK QU

B. B. MAYARA

COUNTY RECORDER

COUNTY RECORDER

DEPETY

U. +	Approved Stock Form-State Publiching Co., Helens, Hontana-38687
File No	T
01	STATE OF MONTANA TRATOR OF GROUNDWATER CODE PFICE OF STATE ENGINEER
<b>Declaration</b> (Under Ch	of Vested Groundwater Rights apter 237, Montana Session Laws, 1961)
1. Lend + Gdy Lord Van  (Name of Appropriator)  County of Mussels ell  have appropriated groundwater according	Oriest, of Roundup (Address) (Town)  State of Montana laws in effect prior to January 1, 1962, as follows:
	2 The beneficial use on which the claim is based. Spring. LISECT FOR Stock waster
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900.
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5 Pring Lucated in NW4 Sec26 T TR 26	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
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10. The estimated amount of groundwate	r withdrawn each year 550,000 grillons
11. The log of formations encountered in	the drilling of each well if available
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	Signature of Owner Laylord Van Duist  Dato December 31, 1963
Minimum and the Alles Abreation and the Alles Abreatio	<b>-</b>
Three copies to be filed by the owner will located.	h the County Clerk and Recorder of the county in which the well is
Please answer all questions. If not applies	ble, so state, otherwise the form will be returned.
Original to the County Clerk and Recorded Mines and Geology, and Quadruplicate	er; duplicate to the State Engineer; Triplicate to the Montana Bureau for the Appropriator.
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DUPLICATE  STATE OF MONTANA  ADMINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER  Declaration of Vested Groundwater Rig  (Under Chapter 237, Montana Session Laws, 1961)  1. Lend + Gaylow   Jan Drest   of (Address)    (Name of Appropriator)   (Address)   Orto    (Name of Appropriator)   Orto    (Name of Appropriator)   Orto    (Name of Appropriator)   Orto    (Address)   Orto    (A	Helena Montana-38687
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2. The beneficial use on which the claim is used. For Stack water as been 1922.  3. Date or approximate date of earliest be tinuous the use, has been 1922.  4. The amount of groundwater claimed (in per minute). Stack Per.  5. If used for irrigation, give the acreage to which water has been applied and place of use, if possible. Each small square represents 10 acres.  6. The means of withdrawing such water location of gach well or other means of withdrawing such water has been applied and sacres.  7. The date of commencement and completion of the construction of the well, wells drawal of groundwater.  8. The depth of water table. Stack and depth of each well or the general works for the withdrawal of groundwater.  10. The estimated amount of groundwater withdrawn each year. Special in carrying out the possible and the property of the death well if available.  11. The log of formations encountered in the drilling of each well if available.	Roundup (Town)  January 1, 1962, as follow
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ndicate point of appropriation and place of use, if possible.  Seeks small square represents 10  6. The means of withdrawing such water location of each well or other means of withdrawing such water and completion of the construction of the well, wells drawal of groundwater.  7. The date of commencement and completion of the construction of the well, wells drawal of groundwater.  8. The depth of water table.  9. So far as it may be available, the type, size and depth of each well or the general works for the withdrawal of groundwater.  10. The estimated amount of groundwater withdrawn each year.  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 process of the same and the place of the well or the general works for the withdrawal of groundwater withdrawn each year.  12. Such other information of a similar nature as may be useful in carrying out the place of the pla	
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8. The depth of water table. Season Level  9. So far as it may be available, the type, size and depth of each well or the general works for the withdrawal of groundwater. Spring - Flow  10. The estimated amount of groundwater withdrawn each year. 300,000  11. The log of formations encountered in the drilling of each well if available	or other works for wit
9. So far as it may be available, the type, size and depth of each well or the genera works for the withdrawal of groundwater.  10. The estimated amount of groundwater withdrawn each year.  11. The log of formations encountered in the drilling of each well if available	
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11. The log of formations encountered in the drilling of each well if available	specifications of any other
1. The log of formations encountered in the drilling of each well if available	***************************************
11. The log of formations encountered in the drilling of each well if available	gallons
2. Such other information of a similar nature as may be useful in carrying out the reference to book and page of any county record	
2. Such other information of a similar nature as may be useful in carrying out the reference to book and page of any county record	
	oolicy of this act, including
	2/2 8) : 2
Signature of Owner Haylo Date. D.	Man Diest
Signature of Owner,	P/ PAUL 21 19/
Date	•

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.

20633

STATE OF MONTANA, MUSSELSHELL COUNTY. FILED THIS\_

December B.H. MATZKE

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Form No. 18

8-60 T R
County musulshelf
MONTANA BUREAU OF MINES AND GEOLOGY DECEIVED Butte, Montana
Owner Land 7 Liann Address Franklip mont
Drillerant & Fred Elinson Address Franchis mont.  Date Started July 1944 Date Completed July 1944  Location: Sec. 29 T. 7 R. 24 & sec. N. F. of N. E.
Type of well
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other
Casing: 48 ft. to ft. Type Islamy Size 6"
Casing:ft. toft. TypeSize
Casing:ft. toft. TypeSize
Perforated or screened: Ft. to ft
Type of screen or perforations halu
Static water level, for non-flowing well: 25 ft. feet.
Shut-in pressure, for flowing well:lb./sq. in. on:(date)
• •
Pumping water level 35 feet at 40 gal. per min./
How tested: Bailing Buchet
Length of test 20 min
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
(over)

Log of Well

wires,

<b></b>		Log of Well
Depth	feet	Description of Material Drilled
From	То	
Top	35	Gand
35	48	Granel
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GW J

State of Montana
Administrator of groundwater Code
Office of State Engineer

T. R. Z6

County 14.55 05 ell

JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws) 13615. ENGINEER

	1. Robert A. Joines, of Roundup
	(Name of Appropriator) (Address) (Town)  County of
	2. The beneficial use on which the claim is based
•	Sw. 1Sec 37TR 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner Indicate point of appropriation and place of use, if
	possible. Each small square 6. The means of withdrawing such water from the ground and the represents 10 acres.  location of each well or other means of withdrawal
	7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
	8. The depth of water table . 50 feet  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 groundwal of groundwater.  2 inch fire and cylinder.
	10. The estimated amount of groundwater withdrawn each year. 100,000
	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 count record
	Signature of Owner Achet & Janes.  Date December 31,1963.

STATE OF MONTANA,
MUSSELSHELL COUNTY,

FILED THIS 3 DAY OF

ALCENDU A. D. 19 63

AT //: 0 9 O'CLOCK QM.

P. H. MATZKE

COUNTY RECORDER

" LES A JAMES A.

DEPLITY

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7 R. 26.

	County. Mussel Shell
	State of Montana Administrator of groundwater Code Office of State Engineer
DEC (Under	LARATION OF VESTED GROUNDWATER RIGHTSN 3 1964 Chapter 237, Montana Session Laws, 1961)
1. Robert A. J.	ONES, of
(Name of Appropriator County of	(Address) (Town)  State of
2.	The beneficial use on which the claim is based
	Date or approximate date of earliest beneficial use; and how
h + + h - + -	continuous the use has been 1942 Cantinuous u. S. C  The amount of groundwater claimed (in miner's inches or gallon
NG: 5 22 7 2/	per minute) 5. John Ask. Nuist
Indicate point of appropria-	lands to which water has been applied and name of the owner thereof
represents 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 an works for withdrawal of gro	d completion of the construction of the well, wells, or other und water
8. The depth of water table	
specifications of any other well 45 FM	le, the type, size and depth of each well or the general works for the withdrawal of groundwal of groundwater
10. The estimated amount of gr	oundwater withdrawn each year. 309,000 gdffons
ll. The log of formations enco	untered in the drilling of each well if available
policy of this act, includ	a similar nature as may be useful in carrying out the ing reference to book and page of any count record
	Signature of Owner-Rabertu Fores
	Date Dec. eniber. 31, 1963

STATE OF MONTANA,
MUSSELSHIEL COUNTY. STATE OF MUSSELSHIEL COUNTY. STATE OF MATZICE

A D. 19 63

AT //: 0 7 OCLOCK AM

R. F. MATZICE

COUNTY RECORDER

Trances & Mausan
DEPUTY

Form No. 18 8-60

County orusselshelf

MONTANA BUREAU OF MINES AND GEOLOGY BUCKETVE DECEIVE
Water Well Log STATE ENGINEER
Owner Carl & Elianon Address Roundup ones
Driller/m/+ Fred Elissen Address Paundup mon
Date Started June 1948 Date Completed June 1948
Location: Sec. 32 T. 2 R. 26 1/4 sec. 5. W / N. W
Type of well Inug, driven, or drilled)  Equipment used (Churn, drill, rotary, other)
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other
Casing: 300 ft. toft. Type Salvanial Size 6"
Casing:ft. toft. TypeSize
Casing:ft. toft. TypeSize
Perforated or screened: Ft. 20 to ft. 300. Ft. to ft.  Type of screen or perforations help
Static water level, for non-flowing well: 70 feet.
Shut-in pressure, for flowing well:lb./sq. in. on:(date)
Pumping water level 100 feet at 25 gal. per min. 1
How tested: Bailing Buchet
Length of test 30 man
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
(over)

Log of Well

Log of Well					
Depth	feet	Description of Material Drilled			
From	To				
Top	15	Sand			
15	19	Kand			
19	300	Gray May + Sandrach			
	1	<u> </u>			
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State of Montana
Administrator of groundwater Code
Office of State Engineer

(Under Chapter 337, Montana Session Laws, 1961) ( 1813. 18 18 18 18 18 18 18 18 18 18 18 18 18
1. Robert A. Jones , of Roundard  (Name of Appropriator) (Address) (Town)  County of Ninaselsheed State of the Montana laws in effect prior to January 1, 1962, as follows:
2. The beneficial use on which the claim is based.  Stock water  3. Date or approximate date of earliest beneficial use; and how continuous the use has been
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
<ol> <li>The depth of water table 28 Feet</li> <li>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.</li> <li>Well 200 FT 129 - DINA COSING TO DOTTONA.</li> </ol>
10. The estimated amount of groundwater withdrawn each year 5.09.000. Jellons
ll. 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 rage of any count record
Signature of Owner Referre Terres.  Date December 31,1963.

STATE OF MONTANA, MUSSELSHELL COUNTY, SE. FILED THIS J DAY OF

AT // O S O'CLOCK AM

THE TIES MATTERS

COUNTY RECORDER COUNTY RECORDER

LAMBON

DEPUTY

g <sup>(T)</sup>		Approved Stock Form-State Publish	ing Co., Helenaj Montana—41921 (\$\infty\$) 3 3
File No	•••	מ	
DUPLICATE			Dounty Macsal
	administr <i>a</i>	CATE OF MONTANA LTOR OF GROUNDWATER CODE E OF STATE ENGINEER	DECEIVED DEC 26 1963
D	eclaration of	Vested Groundwater I	Rights ENVINCED
	(Under Chapter	237, Montana Session Laws, 1961)	and middle [1]
1. John 4 Manuar (Name of Muss of have appropriated gro	cie Rupesto of Appropriator) LShell undwater according to	of Goulding C. (Address)  State of Monto.  of the Montana laws in effect prior	Teek Rie. Roundup (Town) to January 1, 1962, as follows:
N			
	2.	The beneficial use on which the claim  Stock Water	n is dased
X	3.	Date or approximate date of earlies ous the use has been	t beneficial use; and how continu-
w	2	***************************************	
	4.	The amount of groundwater claim per minute)	ned (in miner's inches or gallons
s	5.	If used for irrigation, give the act to which water has been applied	reage and description of the lands and name of the owner thereof
Nt. Sec. 23 T. 7	. R.26		***************************************
Indicate point of appr and place of use, if possib small square represents	le. Each	The means of withdrawing such was tion of each well or other means of	ter from the ground and the loca-
7. The date of comme drawal of groundwa	ter 1926	on of the construction of the well,	wells, or other works for with-
8. The depth of water t			
O Co for an it may be	available the tyme	size and depth of each well or the	general specifications of any other
***************************************			
		hdrawn each year	
11. The log of formation	s encountered in the	drilling of each well if available	dirt gravel,
	0.1.m.Cl	***************************************	
12. Such other informat reference to book an	ion of a similar natur d page of any county	re as may be useful in carrying our	t the policy of this act, including
		Signature of Owner.	hu Tunestad de. Parjone Runestad December 19, 1963
		Date	December 19, 1963
Three copies to be filed b	y the owner with the C	founty Clerk and Recorder of the co	•

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. 12380

169332 The mily good Burgarded Hode Casalli STATE OF MONTANA, MUSSELSHELL COUNTY. Ss. FILED THIS 23 DAT OF

A. D. 1963

O'CLOCK WE B. H. MATZET
COUNTY RECORDER
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M. M. W. Million D. C. M. Co.

To are

WAY & WEN

JOC JOC

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana FEB 21 1961 STATE ENGINEER Type of well. (Churn drill, rotary, other) Stock X Water use: Domestic Irrigation Municipal Drainage Industrial Type flackrulace Size. ft. to 16 ft. O ft. to 101 ft. ..... Size..... Туре... Perforated or Screened: Ft...... to ft...... Ft...... Ft....... to ft. Type of screen or perforations. Static Water level, for non-flowing well: Shut-in pressure, for flowing well: \_\_\_\_\_\_lb./sq. in. on: (date) Pumping water level gal. per min. How tested:.. Length of test. Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet From To  O 17  Grandly soil  17  35  80  100  115  Coal star - Inject of little wat, at a coal of little wat,			Log of Well	
Prom To Description of Material Drilled  17 35 So sandstane - strip cool of little water at a  80 110 July sondy shall  110 115 lead and water	Depth, feet			
9 17 growlie soil 17 35 blue shale 35 80 sandstone - strip confighthle water of a 80 110 July 20 by shale 110 115 lead and water			Description of Material Drilled	
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17 35 So so detone - trip confidentile water of 8 80 110 July 20 dy shall 140 115 lead and water	0	1-	and and	
35 80 sondetone-the cold little wath at a 80 110 Jun 20 dy shall 110 115 leak and water		1/	- Hould Holl	
35 80 souletone the world little wath at a 80 110 Jun 20 by shall 110 115 lead and water	10	12 ~	Chief - lea le	
80 110 gwy sondy shall 110 115 lead water	1/	125	- Helle Contract	
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County,	nussel	shuel	

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

WATER WELL LOG
Owner fluent tarnes Address Loundup, Mon
Driller L. L. Fleguson Address !!! !!
Date Started July 5, 1959 Date Completed July 16, 195
Type of well (Dug, driven, bored, or drilled) Equipment used (Churn drill, rotary, other)
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:
Casing:ft. to 365 ft. Type Jake Size
Casing:ft. toft. TypeSize
Casing:ft. toft. TypeSize
Perforated or Screened: Ft. 256 to ft. 262 Ft. 330 to ft. 338
Type of screen or perforations
Static Water level, for non-flowing well:feet.
Shut-in pressure, for flowing well:lb./sq. in. on:
Pumping water level feet at 5 gal. per min
How tested: baling
Length of test / fire
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	То	
	4	Surface
4_	25	Blue Clay
25-	130	Buff Colored Dandstones
130	210	Sandy Shale
210	212	Cal
212	245	Hard Dandy Shale
245	256	Coal
256	262	Sand Hao 2 gal per min.
262	305	Shale with Caal
305	330	Hard Sandy Shale
330	338	Sand Hon - 3 gal ner Min.
338	365	Hard Sandy Shald

RECEIVED

T 7 R 3 6 NO County Musselshell

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

•	V	VATER WELL	LOG		
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	Owner John	Muse	Jank Addı	est degrade	yr, Mon
	Owner Jahan	Ilsque	Addı	es Jaundu	h, Mon
	Date Started	1.76	7:- 0 Data	Commista Ah	112145
<del> </del>	Date Started	WAS S	Dave	Completed A. Z. M. J.	anglessely anglesselves desired all
	Location: Sec		• •		
Type of well	(Dug, driven, bored, or drille	Equip	ment used	(Churn drill, rotary, other	ر الاستان الاستان
Water use: Domestic	Munic	ipal	Stock X	Irrigation	
Industrial	Drain	nage			
Casing:	ft. to /0 / 1	t. Type	Tahronyed siz	e 4 "	
Casing:	ft. to	rt. Type	Siz	ie	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Casing:	ft, to	t. Type	Siz	.e	
Perforated or Screened	1: Ft	o ft <i>&amp;</i>	Ft	to ft	
Type of screen or perform	rations Olak	***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•••••
Static Water level, for r	non-flowing well:		*******************************		feet.
	owing well:				
				(date)	
	<i></i>		•		
How tested:	ling				
Length of test	/ pu	,			
Remarks: (Gravel pac	king, cementing, packe	ers, type of shut	off, depth of shu	t-off)	
					*******************
***************************************			***************************************		***************************************
			***************************************		***************************************
(a)		(over)	***************************************		**********************

Log of Well

Depth, feet		
From	То	Description of Material Drilled
_0	6	Dusgace
6	35-	Hard Sand
<i>_3</i> 5-	80	Gellow Sandy Clay Lutte H20
80	85	Gellan Sandy Clay Little H20 Sond posses H20 & gal per Min. Sandy Shales
85	101	Sandy Shales
	1	

County Muscolphill Twp. 7N Rge. 27E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Billien John	(P(1)(1	169117	
	11	61114	169120	
2	1.	6(1)4	1159119	
1	Werson Jesse	6W4	169427	
16	Amith John	GW2	173927	
16	1) 11	GW4	169727	
6	(1)	6414	169726	
7	1) 11	6004	169728	
7	11 11	GW3	169723	
8	Verley Delia & Jurla	6W4	169617	
පි	11 11 11	GW4	169616	
9	Jully Robert	GW4	169446	
10	Report William	GWY	169619	
10	1,011	8W3	169620	
10	. 11 11	GW3	169622	
11	16 81	6w3	169621	
13	Milkelson, Gus	GWZ	174345	
13	11	6W4	167717	
14	Gebhardt, John	GWZ	167296	
15	July, Robert	GW4	169447	
15	11 0' h	6W4	169448	
16	1)	6W4	169450	
	В	GUY	169449	
18	cardy fan M.	GW4	169367	
19	11 ()' 1/	5766		
19	Dorthern tacific			
	Kailway Company	GWY	168915	
19	1) (1) (1) (1)	6W4	168914	
20	Hardy Can M.	6W4	169366	
22	Brown, James	6W4	168812 176982	
23	anderson, Stanley	8W2	176982	
24	(malison, Stanley	.57608		
24	Brown, Jim &	Q(1)4	169796	
25		GW4	169795	
26	Segar an Mae	BWY	168372	
28	Jully, Robert R	GWY	169721	
30	+ brown, Jan M	QWA	169365	
31	] n 0 ' n	BW4	169368	
32	Seger, a D. & Mai	gwy	168374	
33	Morthern Pacific Railing	6m3	168913	
34	Seger, ap. + Mae	GWY	168375	
34	Day Hay a Charles Chile	6WY	168376	
35	Northern Pacific Rribin	6W4	168912	
		1	<del> </del>	
<u> </u>	<u> </u>			
L	<u> </u>	<u></u>	1	L

C		7 N R 27
ile No	T	7 N R 27
UPLICATE	C	ounty Musselshell
	STATE OF MONTANA	در ۱۵ ام
on the state of th	ADMINISTRATOR OF GROUNDWATER CODE	DECEIVE
rivet	OFFICE OF STATE ENGINEER	ULI DEC 11 1963
	Claration of Vested Groundwater Rights Juder Chapter 237, Montana Session Laws, 1961)	STATE ENGINE
John Bilyeu	Roundup	)
(Name of Appr	nristor) (Address)	(Town)
County of Prosest	shell State of Montana water according to the Montana laws in effect price	·
s SW. 14 NESec 1. T 7. R. 2	·	beneficial use; and how con- (in miner's inches or gallons ) eage and description of the lied and name of the owner
Indicate point of appropriation of place of use, if possible Each small square represents acres.	on e. 6. The means of withdrawing such wat	ter from the ground and the
The date of commencemen drawal of groundwaterI	t and completion of the construction of the well, we not now	alls, or other works for with-
. The depth of water table .	Do not Imov	•
So far as it may be availabed other works for the withdo	le, the type, size and depth of each well or the gawal of groundwater irilled, 6 inch cas	eneral specifications of any ling, and 410 ft. c.
). The estimated amount of	groundwater withdrawn each year 50000 Ge	llon . year
	intered in the drilling of each well if available	•
	_	

Signature of Owner Dec. 10, 1963

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 store, otherwise the form will be returned.

reference to book and page of any county re-ord.....

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.

FILED THIS O DAY OF

A. D. 19 63

AT 3:55 O'CLOCK M.

B. H. MA'IZKE

COUNTY RECORDER

DEPUTY ₹.00

G ~	-Helena	Independent	Record	
File	No		•••••	

ار T7 R	£7	
County Musse	leh <b>ell</b>	

DUPLICATE

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

#### Declaration of Vested Groundwater Rights

(Name of Appropriator)	n Roundup (Town)
County of Magazina 17	(Address) (Town) State of Montana
have appropriated groundwater ac	cording to the Montana laws in effect prior to January 1, 1962, as fol-
lows:	
N	2. The beneficial use on which the claim is based
	Stock
	3. Date or approximate date of earliest beneficial use; and how con-
	tinuous the use has been continually
	4. The amount of groundwater claimed (in miner's inches or gallons
	per minute) & gal. per minute
	5. If used for irrigation, give the acreage and description of the
8	<ol><li>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner</li></ol>
	thereofno
SE Sec. 1. T. 7 R 27	
licate point of appropriation	
i place of use, if possible.	
	6. The means of withdrawing such water from the ground and the
ch small square represents 10	location of each well or other means of withdrawal
ch small square represents 10 res.  The date of commencement and commencem	location of each well or other means of withdrawal
ch small square represents 10 res.  The date of commencement and commencem	location of each well or other means of withdrawal
ch small square represents 10 res.  The date of commencement and codrawal of groundwater	location of each well or other means of withdrawal  pump  ompletion of the construction of the well, wells, or other works for with-
ch small square represents 10 res.  The date of commencement and condrawal of groundwater	location of each well or other means of withdrawal  pump  ompletion of the construction of the well, wells, or other works for with-
ch small square represents 10 res.  The date of commencement and condrawal of groundwater	location of each well or other means of withdrawal  pump  ompletion of the construction of the well, wells, or other works for with-  Canat Krauk  The
ch small square represents 10 res.  The date of commencement and condrawal of groundwater	location of each well or other means of withdrawal  pump  mpletion of the construction of the well, wells, or other works for with-  Construction of the well, wells, or other works for with-  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch
The date of commencement and condrawal of groundwater  The depth of water table	location of each well or other means of withdrawal  pump  ompletion of the construction of the well, wells, or other works for with-  Canat Kale  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch
The date of commencement and condrawal of groundwater  The depth of water table	location of each well or other means of withdrawal  multiple of the construction of the well, wells, or other works for with-  Canat Knie  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch
The date of commencement and condrawal of groundwater  The depth of water table 120.  So far as it may be available, the tother works for the withdrawal of casing.	location of each well or other means of withdrawal  pump  mpletion of the construction of the well, wells, or other works for with-  Construction of the well, wells, or other works for with-  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch
ch small square represents 10 res.  The date of commencement and condrawal of groundwater  The depth of water table 120.  So far as it may be available, the tother works for the withdrawal of casing.	location of each well or other means of withdrawal pump  ompletion of the construction of the well, wells, or other works for with-  Construction of the well, wells, or other works for with-  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch  eater withdrawn each year 300000 gallon a year
The date of commencement and condrawal of groundwater  The depth of water table 120.  So far as it may be available, the tother works for the withdrawal of casing.	location of each well or other means of withdrawal pump  mpletion of the construction of the well, wells, or other works for with-  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch  rater withdrawn each year 300000 gallon a year
The date of commencement and condrawal of groundwater  The depth of water table 120  So far as it may be available, the tother works for the withdrawal of Casing.  The estimated amount of groundware	location of each well or other means of withdrawal pump  mpletion of the construction of the well, wells, or other works for with-  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch  rater withdrawn each year 300000 gallon a year
The date of commencement and condrawal of groundwater  The depth of water table 120  So far as it may be available, the tother works for the withdrawal of Casing.  The estimated amount of groundware	location of each well or other means of withdrawal pump  mpletion of the construction of the well, wells, or other works for with-  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch  rater withdrawn each year 300000 gallon a year
The date of commencement and condrawal of groundwater  The depth of water table 120.  So far as it may be available, the tother works for the withdrawal of casing.  The estimated amount of groundwater to the formations encountered to the formations encountered to the formation of a single special sections.	location of each well or other means of withdrawal  pump  mpletion of the construction of the well, wells, or other works for withdrawal  Const Kn  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch  rater withdrawn each year 300000 gallon a year  in the drilling of each well if available 0 to 15 ft. Top soil,  is to 1.75 ft. Limit blue clay, 75 to 90 ft.  cond rock, 150 ts 600 inches 220 Blue and shales 420  repature as may be useful in carrying out the policy of this act, including
The date of commencement and condrawal of groundwater  The depth of water table 120  So far as it may be available, the tother works for the withdrawal of Casing.  The estimated amount of groundware	location of each well or other means of withdrawal  pump  mpletion of the construction of the well, wells, or other works for withdrawal  Const Kn  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch  rater withdrawa each year 300000 gallon a year  in the drilling of each well if available 0 to 15 ft. Top soil,  is to 1.75 ft. Limit blue clay, 75 to 90 ft.  201 102 102 102 102 102 102 102 102 102
The date of commencement and condrawal of groundwater  The depth of water table 120.  So far as it may be available, the tother works for the withdrawal of cesing.  The estimated amount of groundwater to the condition of the co	location of each well or other means of withdrawal  pump  mpletion of the construction of the well, wells, or other works for withdrawal  Const Kn  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch  rater withdrawa each year 300000 gallon a year  in the drilling of each well if available 0 to 15 ft. Top soil,  is to 1.75 ft. Limit blue clay, 75 to 90 ft.  201 102 102 102 102 102 102 102 102 102
The date of commencement and condrawal of groundwater  The depth of water table 120.  So far as it may be available, the tother works for the withdrawal of casing.  The estimated amount of groundwater to 10 ft. and sand rocestal to 150 ft. and sand rocestal to 10 ft. and sand sand sand sand sand sand sand	location of each well or other means of withdrawal  pump  mpletion of the construction of the well, wells, or other works for withdrawal  Const Kn  ft.  ype, size and depth of each well or the general specifications of any groundwater 472 ft. 46 deep, and has a 6 inch  rater withdrawa each year 300000 gallon a year  in the drilling of each well if available 0 to 15 ft. Top soil,  is to 1.75 ft. Limit blue clay, 75 to 90 ft.  201 102 102 102 102 102 102 102 102 102

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 Quadr plicate for the Appropriator. £ 8580

STATE OF MONTANA, MUSSELSHELL COUNTY. SS.

FILED THIS ODAY OF

Clickney A. D. 1963

AT 3:58 O'CLOCK M.

B. H. MATZKE

COUNTY RECORDER

Frames L. Dawson

DEPUTY

G' -Helena Independent Record

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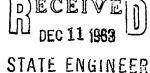
#### DUPLICATE

Countyfuscelshell

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

#### **Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)



(Name of Appropriator)	, of Roundup (Address)	(Town)
County of Musselshell	State of R Montana cording to the Montana laws in effect prior to	
N	2. The beneficial use on which the claim is	based k and household
	3. Date or approximate date of earliest bene tinuous the use has been	kiow
E	4. The amount of groundwater claimed (in per minute)	miner's inches or gallons
s	5. If used for irrigation, give the acreage lands to which water has been applied	and description of the
	thereof	
4 SESec 2 77 R 27		
licate point of appropriation		
d place of use, if possible. ch small square represents 10	6. The means of withdrawing such water f	•
res.	location of each well or other means of v	
drawal of groundwater Do not	mpletion of the construction of the well, wells, know	or other works for with
The depth of water table	mpletion of the construction of the well, wells,	or other works for with
The depth of water table  So far as it may be available, the tyother works for the withdrawal of	mpletion of the construction of the well, wells, know  Do not know  ype, size and depth of each well, or the gener groundwater rilled, 5 inch casing,	or other works for with
The depth of water table  So far as it may be available, the tyother works for the withdrawal of  The estimated amount of groundw	mpletion of the construction of the well, wells, know  Do not know  ype, size and depth of each well, or the gener groundwater Tilled, 5 inch casing,  ater withdrawn each year 400000 golle	or other works for with
The depth of water table  So far as it may be available, the tyother works for the withdrawal of  The estimated amount of groundw	mpletion of the construction of the well, wells, know  Do not know  ype, size and depth of each well, or the gener groundwater rilled, 5 inch casing,	or other works for with
The depth of water table  So far as it may be available, the tyother works for the withdrawal of  The estimated amount of groundw	mpletion of the construction of the well, wells, know  Do not know  ype, size and depth of each well or the gener groundwater FILLed, inch casing,  ater withdrawn each year 400000 goll.  in the drilling of each well if available Do no	al specifications of any and 140 It. dee
The depth of water table  So far as it may be available, the tyother works for the withdrawal of  The estimated amount of groundw  The log of formations encountered in the log of the stimulation of a similar	mpletion of the construction of the well, wells, know  Do not know  ype, size and depth of each well or the gener groundwater FILLed, inch casing,  ater withdrawn each year 400000 goll.  in the drilling of each well if available Do no	al specifications of any and 140 It. dee
The depth of water table  So far as it may be available, the tyother works for the withdrawal of  The estimated amount of groundw  The log of formations encountered in the log of the stimulation of a similar	mpletion of the construction of the well, wells, know  Do not know  ype, size and depth of each well or the gener groundwater FILLed, inch casing,  ater withdrawn each year 400000 goll.  in the drilling of each well if available Do no	al specifications of any and 140 It. dee

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.

FILED THIS DAY OF

A. D. 19 63

AT 3.57 O'CLOCK OM.

B. H. MATZKE

COUNTY RECORDER

COUNTY RECORDER

<i>⊙</i> ,	Approved Stock Form—State Public	shing Co., Helena, Montana—42234
File No		T 7 NR 276
o	STATE OF MONTANA ISTRATOR OF GROUNDWATER CODE FFICE OF STATE ENGINEER  of Vested Groundwater Chapter 237, Montana Session Laws, 1961	M DEC 30 1053
(Under C	Chapter 237, Montana Session Laws, 1961	STATE ENGINEER
Country of Studge Lakell	, of 908 4th St. We (Address)  State of Montana ling to the Montana laws in effect prior	
N  LOT 9  Sec. 1 T R 27  Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.	4. The amount of groundwater claim per minute)	st beneficial use; and how continu-  near by in use before  light since. Present  1940  med (in miner's inches or gallons  minute for 24 hours.  reage and description of the lands and name of the owner thereof
7. The date of commencement and condrawal of groundwater	mpletion of the construction of the well, commenced and completed in	wells, or other works for with-
	10 feet.  type, size and depth of each well or the vater. About 50 feet of 6 included bout 10 feet of standing w	
10. The estimated arount of groundwate	er withdrawn each year Approximat	selu 5 000 harrels
	the drilling of each well if available7	"
	nature as may be useful in carrying ou ounty record	
	Signature of Owner Je	sie S. Dverson/ Dec. 27, 1963
Three copies to be filed by the owner with	the County Clerk and Recorder of the co	•
Please answer all questions. In not applied	able, so state, otherwise the form will be r	eturned.
Original to the County Clerk and Record Mines and Geology, and Quadruplicate for	er; Duplicate to the State Engineer; Trip the Appropriator.	oliente to the Montana Bureau of

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STATE OF MONTANA, MUSSELSHELL COUNTY, SSA. FILED THIS 27

DAY OF LL A. D. 19 63 O'CLOCK PM

B. H. MATZKE

COUNTYRECORDER

STANCES L. CLAWSO

DEPUTY 2.

GW 2	State water conserva	(2)		.5. (	2329 3°
File No	MAY 13 1965	Se	- 4	710 <sub>R</sub> 37	6
DUPLICATE	Blife McDerm Butzern McNulty			ty/Nusala	heel
LOG	-	STATE ADMINISTRATOR (	OF MONTA OF GROUN	ANA DWATER CODE	
Top of Ground	Dickert	ORFIGE OF	STATE EN	GINEER	_
(Elev. above sea level	· · · · · · · · · · · · · · · · · · ·	ce of Comple			
6 surface	^	ppropriation DEVELOPED AR			
Co Carana Para Carana	J)	Inder Chapter 237,	Montana Se	ession Laws, 1961)	
20 paral stone	Owner	<u> Car III SIII I</u>	Address	Bundah	Mork
The while there a	Driller 25	i <u>I didagan Amer</u>	/_Address	s/Grandaski	mont
		of appropriation of	groundwate	er	
I lerour wha	Date well start	ed 5-3-66	Date co	ompleted 5-10	-6G
80 sandy she	Type of well	drulled bored or drilled)	Equipmer	nt used cheere a	drill
· • • • • • • • • • • • • • • • • • • •	water use:	Domestic 🗌 Mur	nicipal 🔲	Stock 🛭 Irri	gation 🗆
125 Warrows Colours	Indicate or	the diagram the ch	ainage 🔲 aracter and t	Other □ thickness of the diff	erent strata
145 hard sand	met with in dr	illing, such as soil, of water is encountered that to which the water	d, thickness	and character of wa	, etc.; Show ater-bearing
		Size and From	To	PERFORATIO	NE
151 Dand- 4/20- 2	Gal, Drilled Role	Weight (Feet) of Casing	(Feet)	Kind From	To (Feet)
160 light dolve	d Shale 1'4	6 m		10	
- D		10 lb 0	175	Apriles	
169 Dand-Porcus	43014 JAV.		.	acato 140	175
175 blue shale	,		<u> </u>	1/4 in	
- Success	<del></del>	N St	tatic Water	Level for non-fl	owing well \$2 feet.
-				ure for Flowing We	11 Modarry
-	_	1 1 1	umping Wa	ter Level	feet
	W	E D		gal. per min. of fl	lowing well
<b> -  </b>	<del>-</del>		ow Tested	does not	apply
-		—		st / 1/2 /	***************************************
		R	•	ravel packing, cement	0, 2
<b> -  </b>	Indicate locati	on of well and			
-	place of use, if small square acres.	possible. Each represents 40			
		••••	***************************************		
<b> -  </b>		for irrigation, indu			•
-	number (tion).	of acres and location	or other da	ata (i.e.: Lot, Block	and Addi-
	***************************************	***************************************		***************************************	
show exact depth of bot	tom.	# # # # # # # # # # # # # # # # # # #	****************	***************************************	***************
		_	-	34	
This form to be prepared by driller, as County Clerk and Recorder in the cour- retained by driller.			Driller's	License Number	•••••••
Piease answer all questions. If not a returned.	applicable, so state, otherwise	the form will be	Drillon's	Signature	son

STATE OF MONTANA, (sa MUSSELSHELL COUNTY) (sa FILED TRIS\_/2

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FLETCHER COUNTY DECORDER DEPUTY

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referring to managers? to entert EXMINORE TOWNS TO SOURCE

HOW CLEAN AND RESPONSE OF THE STANDARD COURSE.

WW. TR 4362

W.C. (2) (N. 13) (N. 13)

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أأثواللها بناديب بيسيي 11.600  State of Montana Code
Office of State Engineer

T. ZN. R. 27E. County Mussellshell...

JAN 3 1964

	1JOHN L. SMITH (Name of Appropriator	c)	(Address)	RQUNDUP (Town)
	County of			ect prior to January 1,
	1962, as follows:			
	2.			n is based
w	· · · · · · · · · · · · · · · · · · ·			
	3.			beneficial use; and how
	4.			n miner's inches or gallor
	SE. ‡NW.Sec. S. T. 7. RJ 75.	lands to which wa	ter has been applied	d and name of the owner
	Indicate point of appropriation and place of use, if			
	possible. Each small square 6. represents 10 acres.	location of each	well or other means	of withdrawaldrilled .1962)
	7. The date of commencement ar works for withdrawal of gro	ound water 1962	·completed·····	
	8. The depth of water table	Sæxftl5.£t.		•••••
	9. So far as it may be available specifications of any other	works for the wi	thdrawal of groundwa.54.feet.deep	al of groundwater
	10. The estimated amount of gr	roundwater withdra	wn each year	not know (none yet)
	11. The log of formations ence .10.£1.top.soil; .15.£ balance blue shake	t-Blue-chale;1	0 · f.t · sold·d · send ·	rock; · 10 ·ft· gravel· ·
	12. Such other information of policy of this act, include			
	••••••			11 40
		Si	gnature of Owner	Mr. X Strongwest
			D-1-6	12/31/63

STATE OF MONTANA, USE MUSSELSHELL COUNTY.

FILED THIS

B. H. MATZKE

COUNTY RECORDER

J. Damean

DEPUTY

The commence of the commence o