Log of Well

Log or Wen				
Dept	h, feet To	Description of Material Drilled		
	30	Coment Gravel		
20	35	rellano Clay		
38	70	yellow llay and Gravel		
		7		
	<u> </u>			
	<u> </u>			
	<u> </u>	· · · · · · · · · · · · · · · · · · ·		
	1			

File No. 8 /125

T 9NR 19E

County Golden Valley

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECEIVED JAN 6 1964

STAIL ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

		Owner Leo 1 Jehn Tixe Address Prysq 12 Mant
		Address of Contractor
		Date Started Aug. 1933 Date Completed Aug. 1933
₹.	N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable
	1/5 511 12 2 15	estimate approximate lengths of periods of use
/	NE. 15W. Sec. 9. T.9 R. 9. Indicate point of appropriation and place of use, if possible.	Used for stack water
	•	Signature of Owner & co. & John Jingie Date Noc. 30 1963

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.

State of Montana, SS.

Golden Valley County, 3/ day of Filed this A. D. 1963—

at V. 4 1 o'clock L. M.

County Recorder.

A. M. J. Nawley

County Recorder.

A. M. J. Nawley

County Recorder.

and the second s	
	37
File No	Approved Stock Form-State Publishing Co., Helena, Montana-42234
	County Tolden Valley
DUPLICATE	County
	TATE OF MONTANA ATOR OF GROUNDWATER CODE TO FEET WELL
	E OF STATE ENGINEER
··	JAN 8 1964 9
	Vested Groundwater Rights
(Under Chapt	er 237, Montana Session Laws, 1961) STATE ENGINEER
V la lam Han	Quant
(Name of Appropriator)	(Addpess) (Town)
Solden Vall	ey State of Month
have appropriated groundwater according	to the Montana laws in effect prior to January 1, 1962, as follows:
N ,	2. The beneficial use on which the claim is based House hold
6	and garden
9	3. Date or approximate date of earliest beneficial use; and how continu-
	ous the use has been Sign of 948 Continuously for your nord & garden in Reason win Co
W E	6 Continuously sender 1932
	T .
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
	of may rancer
	5. If used for irrigation, give the acreage and description of the lands
a nuiznez s	to which water has been applied and name of the owner thereof
6/e4/10/sec2/T9 R19	. ^ /
Indicate point of appropriation	161 amogula Gardes & yard
and place of use, if possible. Each	6. The means of withdrawing such water from the ground and the loca-
small square represents 10 acres.	tion of each well or other means of withdrawal
	o electric farming
7. The date of commencement and complete drawal of groundwater.	etion of the construction of the well, wells, or other works for with-
· O · MUNNY Cay 17 Ja	21
8. The depth of water table 12/1/42	153/1 6 15 lowater leur varies
<u>.</u>	
works for the withdrawal of groundwate	e, size and depth of each well or the general specifications of any other
6. Jug under hou	M
	
10. The estimated amount of groundwater	withdrawn each year
11. The log of formations encountered in th	ne drilling of each well if available net available
1	
12. Such other information of a similar na	ture as may be useful in carrying out the policy of this act, including
reference to book and page of any coun	ty record
,	and a dome to
*	Signature of Owner The Matson
	Date Occ 30 1463

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.

865

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	1			72
File No. B-	V63 31/	DEGETVETT	rublishing Co., Helena, Montana 12199 T. 9 NR 19 FE	3 0 1
DUPLICATE)19x 20	[]] MAY 19 1964 []	County Golden	Valley
	ADMINIS	STATE OF MONTANAER	CODE DECEI	VELO
	OF	FICE OF STATE ENGINEER	JAN 6 1	1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Describe means of obtaining groundwater without a well "as by sub-irrigation and used with a well "as by sub-irrigati		Date of Appropriation of Groundwater 1941 Owner Many Maddress Ryangal Contractor (if any) Address of Cutractor Page 1941 Address of Cutractor Date Started Date Completed
	(a) NW N 2 NEV S (b) NE N 1 NEV Sec. 2 T. 9. R. 19. Indicate point of appropriation	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. That was flaced a flaced a flaced and the state and the state and the state and the state approximate lengths of periods of use. Signature of Owner for for the state approximate approximate approximate approximate approximate approximate lengths. Signature of Owner for for the state approximate

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, the we the form will be returned.

State of Moreona,
Golden Valley County,
Filed this 3/ day of
Dec A. D. 1963

at 1: 32 o'clock P.M.
Elsealth M. Shanburg
County Recorder.
Hesa L. Martin

File

1063

File No. B- 844.

DUPLICATE

County Solden Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NOV 19 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of Groundwater
	Owner Juning Address Silesians Mont Contractor (if any) Bytcon Coreore Address of Contractor Ryegate Mont, Date Started June 1947 Date Completed June 194
PRING	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable
W Peschvork	2 reservoirs. Conteactor unknown for 1
SFR UB	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-
Sec 25 T 9 R/9 Indicate point of appropriation	tent estimate approximate lengths of periods of use
and place of use, if possible.	used all-year.
	Signature of Owner John 7 lenning
	Data 11-15-67

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.



State of Montana, SS.

Golden Valley County, SS.

Flied this 18 day of

May A. D. 1963

at 9:05 o'clock H.M.

Elizabeth M. J. Sanberg

County Recorder.

Plena & Martins

Deputy.

GW 2		Approved	Stock Form—		Co., Helena, M		333
File No. B-865	•			Т	9^{N_R}		···
DUPLIÇATE			•		ounty Gol		
i i i i i i i i i i i i i i i i i i i		ADMINIST	STATE (OF MONT. OF GROUN	ANA D	CODE CODE	NEM
Top of Ground		OF	FICE OF	STATE EI		NOV 19	1963
(Flev. above sea level 420	<u>)0</u> , 1	Notice of (Comple	etion o	f Ggo yi	dvvate	er GINFER
<u> </u>		Appropr					alle F []
- unconsolidated		(Under Cha					. A -
-		JOHN FL					
	Driller	CLYDES	5/1/VE	. OAddress	114/19	ZES	445
		Notice of Approp					~
50 FT. BOTTOM	Date we	ll started	195	3Date Co	mpletcd		953
BOTTOM		well DAIL	LED	Equipm	ent Used.	LABL	E
-	(dug, d drilled	iriven, bored or i)		(Churn other)	, drill, rotary	or	
	Water U	Jse: Domestic [nicipal 🔲	Other [-	igation 🔲
 - 		Industrial [] Dr	ainage 🔲	Stock D	4	
- 1		licate on the dis net with in drillin	_				
 - 	Show de	epth at which wa strata and heigh	ter is enco	ountered, tl	ickness and	character	
<u> </u>					`		
	Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PE Kind	From	S To
-	8"	8 "386	0	50	Sizo	(Fest)	(Feet)
-			i	,	20746	25	50
-							
			1				
_	······································			<u> </u>	<u> </u>		<u> </u>
N	St	atic Water Level	for non-flo	owing Well	<u>4</u>	ft.	feet.
· - I	Sh	ut-in Pressure fo	or Flowing	Well			••••••
	Pu	ımping Water Lev	/el	fee	et at5	gal. p	per minute.
	Di	scharge in gal. p	er min. of	flowing w	ell	·	
_ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	E FIG	ow TestedBA	ILED	Leng	th of Test		
-	Re	emarks: (Gravel	packing,	cementing,	packers, ty	ype of sh	utoff, loca-
-					ndwater if i ormation, in		
					rigation)		
	19	40200 122	.84.00.,		- ·gu	****	
Indicate location of well place of use, if possible.	and Each			••••••			
small square represents 10		***************************************			***************************************		
Show exact depth of bottom.		•••••••••••••••••••••••••••••••••••••••		***************************************	ے ع		
	,			Driller	's License l	Number	
and the second s	•	•	a	lydi	Jan	du	
			-	Driller	r's Signatur	6	

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.



State of Montana, Golden Valley County, Filed this 18 day of A. D. 1963 at 9:00 o'clock A.M. Deputy.

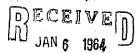
File No. 1124

DUPLICATE

T 9N R 19E

County Galden Volley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Notice of Completion of Groundwater Appropriation ENGINEER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

		Date of Appropriation of Groundwater July 1917
		Owner Geatgeh. Pixie Address Pyzgote Mont
		Contractor (if any)
		Address of Contractor
		Date Started July 19 J.J. Date Completed July 19 VV
	N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
		water 7/hen applicable
		Pit 8' deep
	X	
W		
	····	•
		Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
	s	estimate approximate lengths of periods of use
	SEN NWSec JOT 9 R 19	Used for stock water
	Indicate point of appropriation	14364 JOY SIRCH WALLEY
	and place of use, if possible.	
		6 x 166 - Piis
		Signature of Owner Seo. 7 John Privie
		Date 100 40, 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.

indexed by M.

53926

State of Montana,

Golden Valley County,

Filed this 3/ day of

Lle C A. D. 1963

at H/40 o'clock FM.

Elizabeth M. Idanshy

County Recorder.

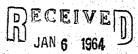
Have L. Murkey

File No. 8 //3-3

DUPLICATE

T. 9NR 19 E County Golden Valley

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER



Notice of Completion of Groundwater Appropriation ENGINEER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of Groundwater July 1955 Owner Geo Sohn PixieAddress Ryegate Mont
	Contractor (if any)
	Address of Contractor
	Date Started July 19 VV Date Completed July 19 VV
N ·	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	water when applicable
	17,7 10' deep
	E
	<u> </u>
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
5	estimate approximate lengths of periods of use
NW145W Sec 35 T9 R/9	used you stock nator
Indicate point of appropriation and place of use, if possible.	
and brace or and a baseless.	
·	Signature of Owner Geo. a John Pivrie
:	Signature of Owner Geo. a John Pivrie Date Nec 30, 1963

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.

File 5. And Andrews By V.S.M.

53925

State of Montana, SS.
Golden Valley County, SS.
Filed this 3/ day of LOCC ... D. 1963
at Yis 9/ o'clock I.W.
Els ab the M. Janking County Recorder.

GROUNDWATER INDEX

Page _____of____

County GOLDEN VALLEY TWP. 9 N Rge. 20 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4 4	Procer, Bon Herpetan, ale	Well log BW4	53640	
9 24	Crocker, Ben Thompson, Reoner	GW4	53682	
33	garjield, Ford C.	6W3	53825	

1			4
T	9	R. 20.	
	l,	11	_
County.	Sala	en Ubl	ley

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

Sec 4		******					
	Owner	Ben Croc	ker	•	Address	Lavina, l	Montana
x	Driller	Donald L S	trand	••••••••••	Address	Roundup,	Montana
	Date Started	,					
	Location: Sec.	И т.	9	R 20 1/4	sec		
Type of well	Drilled (Dug, driven, bore	d, or drilled)	Equip	ment used	Ghu	rn n drill, rotary, othe	er)
Water use: Domestic		Municipal		Stock	x	Irrigation	
Industrial		Drainage		Other:	••••••		•••••••
Casing:Q	ft. to9.	ft.	Туре	21//	Size	7.inch.I.D	
Casing:	ft. to	ft.	Туре	***********************	Size	********************	
Casing:	ft. to	ft.	Туре		Size		••••••
Perforated or Screened	: Ft6	to ft	9	Ft		to ft	
Type of screen or perfor	ations	Slots			••••••••••••		
Static Water level, for n	on-flowing well	:6fe	et from t	opq			feet.
Shut-in pressure, for flo	owing well:		11	o./sq. in. on:	••••••	(date)	••••••
Pumping water level							
How tested: Ba							
Length of test2							
Remarks: (Gravel pac							
Fifteen	gallons per	min					************************
		***************************************	*****************		••••••		******************
in matter	••••••••••••		(over)				

Log of Well

Log CI Well						
Depth, feet						
From	To	Description of Material Drilled				
	<u>'</u>					
0	2	Topsoil				
		TOPSOTE				
2	6	Quick sand				
	<u> </u>	Quick sain				
,	_	22				
6	9	Gravel				
	}					
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		STATE ENGINEER				
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	. Approved Stock Form—State Publishing Co., Helenn, Montana—41338
le No. B-874	T. 9 N. 20 E
OPLICATE ADMIN	County Golden Valley STATE OF MONTANA USTRATOR OF GROUNDWATER CODE
Declaration	of Vested Groundwater Rights Chapter 237, Montana Session Laws, 1961) OFFICE OF STATE ENGINEER DEC 16 1963 STATE ENGINEER
County of Colden Valley have appropriated groundwater ac	(Address) (Town) State of Montana cording to the Montana laws in effect prior to January 1, 1962, as follows:
N I I I I I I I I I I I I I I I I I I I	2. The beneficial use on which the claim is basedspring
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)50minersinches
d-point 2f. 1/4 Sec. 4 T. 9 R. 20.	5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereoirrigates60acres.in.SE1/4.Section 4
ndicate point of appropriation and place of use, if possible. Gach small square represents 10 acres.	6. The means of withdrawing such water from the ground and th location of each well or other means of withdrawal
7. The date of commencement and c drawal of groundwater	ompletion of the construction of the well, wells, or other works for with
8. The depth of water tablegr	cound_levelnatural-flewidgrapring.
works for the withdrawal of groundster flows naturally over irrigating land.	e type, size and depth of each well or the general specifications of any othe undwater
	water withdrawn each year50 miners inches
water ground level	ed in the drilling of each well if available natural flowing spring
reference to book and page of any	ar nature as may be useful in carrying out the policy of this act, including county record

	Signature of Gwn. Date December 10, 1963

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.

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

9245

No. 876 File

53640

Golden Valley County,
Filed this Filed this_____13__ ____day of Occember A.D. 1963 al 9: 55 o'clock B.M. Elizabeth M. Iranberg County Recorder. A Martin

T 9 R 20
County Wiles Valency

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

1	WATER WELL LOG
Jec 7	Owner Den Crocker Address Favina mont
x	Driller Stonald L Strand Address Coundry, Mant
	Date Started 4-17.59 Date Completed 4-27.59
	Location: Sec. 7 T. 9 R. 20 1/4 sec.
Type of well	(Dug. driven, bored, or drilled) Equipment used. (Churn drill, rotary, other)
Water use: Domestic	
Industrial	Drainage Other:
Casing: O	ft. to 7 1 ft. Type 24# Size 7" Ja
Casing!	to Type Size
	ft. to
	d: Ft. 38 to ft. 75 Ft. to ft.
	prations Alota
Static Water level, for	non-flowing well: 27 feet from top feet.
Shut-in pressure, for f	lowing well:lb./sq. in. on:(date)
	feet atgal. per min
How tested:	Bake tested
Length of test	Two (2) Rous
<i>(1)</i>	acking, cementing, packers, type of shut-off, depth of shut-off)
Des gr	action at 36 feet and run Coment
And the standard	
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
⊕	(over)

Log of Well

		LOG OT WELL		
Depth, feet				
From To		Description of Material Drilled		
0	7	Topsoil		
7	26	Sand rock		
26	3/	Course grey Sand		
31	39	Gray Shale		
39	40	Hater Dand - I gal per min		
40	50	Grey Shale		
54	55	Moder Sand //x gal per mine Dey Shale		
<u>5</u>	58	Dieg Shale		
57	6x	Sand fort - Mater about I gal per min.		
-6×	78	grey state		
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		ПП 10М 2 1959		
		STATE ENGINEER		

••	
07	Approved Stock Form—Stat olishing Co., Helena, Montana—41921
File No B - 909	T. 9 N R 20 B County Golden Valley
DUPLICATE	County Doller Valley
	STATE OF MONTANA DMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER ion of Vested Groundwater Rights TATE ENGINEER
(U	nder Chapter 237, Montana Session Laws, 1961)
1 Planes Thomps (Name of Appropriated County of Manual Co	oriator), of Roundup, Moxt oriator) (Address) (Town) U State of Montana according to the Montana laws in effect prior to January 1, 1962, as follows:
N V	2. The beneficial use on which the claim is based Spling.
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been approximatly 1776
W	4. The amount of groundwater claimed (in miner's inches or gallons per minute) I gallon per minute
14 Sec 2 4 T 7 R 2 D	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal None
	and completion of the construction of the well, wells, or other works for with-
8. The depth of water table	To 18 miches it varies in regard to season
9. So far as it may be available works for the withdrawal of g	e, the type, size and depth of each well or the general specifications of any other roundwater
10. The estimated amount of gro	undwater withdrawn each year
11. The log of formations encount	tered in 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 located.

Signature of Owner Rumbe Thampson

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.....

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

"B" No. 909

53682

State of Montana, SS.

Gorden Valley County, dan of 11d this 12 Des A. D. 1963 at 10-15 -- o'clock H.M. Elyalith M. Jankerg.
County Recorder.

Dera T. Martin

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation GINEER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of Groundwater 1931
	Owner Fard C. (Sofiel Address Customan
	Contractor (if any)
	Address of Contractor
	Date Started Date Completed
Sh/A. Sec. 33T 9 R 30 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. Lieund out with Joyn by the Purish with the January 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. A gard we service the spring for story of the story o
	Date De 3/2 th 1963

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.

53825

State of Montana,
Golden Valley County,

Filed this

A. D. 1963

at 443 o'clock P.M.

County Recorder.

Magter

GROUNDWATER INDEX

Page of___

County GOIDEN VALLEY TWP. 9N Rge. 21E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3	neloom art n.	GW3	53730	
4	11	G (1)3	53728	-
14	11 (1)	91112	535910-	
7	lı lı	BW4	537291	
9	11 11	6W3	53731	
19	Thompson, Reoner	BW4	53680	•
21	Carle J.M.	57203		
22	Cade Joseph M.	aw4	53301	•
28	(and Joe	BW2	53303	
30	Thompoon, Remen	BW4	53681	-
30	Inompoon, Reener	GW4	53679	
34	Cade, Joseph	6W4	53302	•
7_	nelson, art n.	well long.	<u> </u>	
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File No. B - 943

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation

Without Wall

(Under Chapter 237 Montana Session Laws, 1961)

	Data of Appropriation of Groundwater 1939
	Date of Appropriation of Groundwater
	Owner Jet N. Nelson Address Box 172 Montans
	Contractor (if any)
	Address of Contractor Laundup fontand
	Date Started 27 1950 Date Completed 500 1956
N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
•	water when applicable Surface development,
	of surface flowing springs.
	Delivering water by short pipelines
v	to stock water tank
)
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
s	estimate approximate lengths of periods of use
NW 4NW sec 3 T 9 R21	Natural continuous flow of
Indicate point of appropriation and place of use, if possible.	estimated 40 gal P.M by container
	And clocking Method
,	Signature of Owner.
,	Date / C 23, 1963
This form to be prepared by contrac	etor (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 logated.

; iicable, so state, otherwise the form will be returned. Please answer all questions. If no

943 Indexed

53730

State of Montana, SS.
Golden Valley County, SS.
Filed this 27 day of

A. D. 1963

at 11:43 o'clock It-N.

Elizabeth M. J. Manhag

County Recorder!

TANDER TOWN

GW 3

Approved Stock Form-State Publishing Co., Helena, Montana-42199

File No. B - 941

DUPLICATE

T 9 R 2

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 / 24 / 4 / 1963 Owner Fort No Nelson Address Box 172 Mentana Joe Sampel
•	Contractor (if any) GEOBUG Flanson Reundup Montana Address of Contractors
	Date Started 144 14, 1963 Date Completed Dec., 1, 1963
N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include, depth to
8	water when applicable Plastic and Steel pipe
	Stock water tanks from static
w	"depth of 4 to 20ft
	, , ,
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
NENW 4 0 21	estimate approximate lengths of periods of use
Indicate point of appropriation and place of use, if possible.	With Valve controll for continuous
and place of use, it possible.	use when needed of approximally
<u>-</u> -	5 to 19 gals PM or estimated need.
•	Signature of Owner Craft Wellon
	Date //ec,23.1963
This form to be prepared by contra	etor (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.

"B" 10 941

53728

Golden Valley County, SS.

Fit d this 27 day of Doc A. D. 1963 Fild this______A. L.

Doc_____A. L.

at 11: 35 o'clock-IT-M.

Elizabeth M. J. Namberg
County Recorder.

Al na K- Mertine

(3 (c)

-	~ 4
GW 2.[7]	Approved Stock Form—State Publishing Co., Helena, Montana—3908.
File No 13 - 8 6 8	•
DUPLICATE	County COLDEN VALL STATE OF MONTANA D) ECEIVED
DUPLICATE STATIC STATIC TO GOS ST Ground STATIC S	W. L. STATE OF MONTANA DECE VE DEC 3 1963
5 To flow St Ground 3600 OM.	Notice of Completion of Grandwaten EFR
YELLEW SAND	Appropriation by Means of Well
8.00	(Under Chilipter 237, Montana Sessies kannin, 1961)
GRAY SAND O	wner ART NELSON Address LAVINA, MONT
1 -2.01 92 11/7 / 1/7 1 1 1 1	riller TOE KOMBOL Address ROUNDUP MONT
	ate of Notice of Appropriation of Groundwater
<u> </u>	ate well started 5-14-63 Date Completed 5-14-63
<u> </u>	ypc of well ORILLEO Equipment Used CHURN
-	dug, driven, bored or (Churn, drill, rotary or drilled) other)
-	Vater Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
	Industrial Drainage Stock
1 1	Indicate on the diagram the character and thickness of the different trata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.
⊢ I s	how depth at which water is encountered, thickness and character of water- earing strata and height to which water rises in the well.
- I	taling strate and neighb to which water rises in the well.
Size Drill High	ed Weight of (Feet) (Feet) PERFORATIONS
15 75	Casing 7 - 0.15 0 /6 Kind From To (Feet) 23-LB P.FT
-	23 24 6/1
N	Static Water Level for non-flowing Well.
	Shut-in Pressure for Flowing Well
-	
	Discharge in gal. per min. of flowing well. How Tested BAILER Length of Test. 1 H.R.
	Remarks: (Gravel packing, cementing, packers, type of shutoff, loca- tion of place of use of groundwater if not at well, and any
	other similar pertinent information, including number of
15 15 15 15 15 15 15 15 15 15 15 15 15 1	acres irrigated, if used for irrigation) CASING
- NE1/NW Sec. 4 T.9 R.2.1 Indicate location of well and	HUNG BOTTOM SAND INST
place of use, if possible. Each small square represents 10 acres.	
<u> - </u>	
Show exact depth of bottom.	9.5 Driller's License Number
	One Kombal
	Priller'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.

ngn Na 868

53596

Т	9	R.	21	
County_	Gol	den 1	Alley	

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

Sec 7: Tq. P.21	WATER	WELL	LOG		ANGENE.	ER /
•	wner Hat N. Ne	Son		Address ₄	dring	Montand
T I	oriller Torden	CAM	725/7	Address	Fund up	,
I	Date Started Fen 20	-19	61_	Date Con	pleted/4	20 1961
	ocation: Sec. 7	T	<u> 7</u> R.	21	sec. 1	E
Type of well	g, driven, bored, or drilled)	Equip	oment use	ed 86/6	411/ Te	TANY ry, other
Water use: Don	mestic Municip	oal 🔲	Stock	Z II	rigation	
Indus	strial 🔲 Draina	age 🔲	Other		·	
Casing: 0	ft. to <u>355</u> ft.	. Type	33 <u>4</u> 5	Heel S	Size <u>7/n</u>	OD, Interment
Casing: 6	ft. to 788+Sheeft.	. Тура	<u>152</u>	Steel S	Size 5	<u> </u>
Casing:	ft. toft.	. Type	e		Size	
Perforated or Sc	reened: Ft. 578	to ft	<u> 788</u> .	Ft. <u>78</u>	f to ft.	965 (Ased
	r perforations 4 in					
	el, for non-flowing					
Shut-in pressure	, for flowing well:		1b.	/sq. in.	on:	ate)
	vel_252_fee					
How tested:	Swabb and 13	dile				
	one hour				·	
	l packing, cementing t-off)	g, pack	ers, typ	e of shu	t-off, a	pth of
Commented.	355 fl. 7 in.	0/12	35100	1 lasing	inhole	for Shutorg
` ^ .	tex encounter	-			>	•
	- 100 Bags					
	,	(over)				

Log of Well

Depth, feet		
From	То	Description of Material Drilled
0	351	BENN FAN Shale
351	371	Soud and ('dy
571	.372	Hard Coal Shale
72	415	Sand Stene
715	4.33	Sand Stone
133	436	(00/
436	447	Shale
447	454	Sand Stene
454	461	(ch)
1180	504	Sand Stone Cod Shale
504	536	Sand Stone (ca) Share
530 546	559	Sand Stank
559 566 580	580	Sand Stepe and (ay Green Shale
391	612	Hand Shale Spad Stan
6124	645	Brown Shale
645	654	(MC4 Sand Stane
254	658	Hard Shell - Sand Stone
658	740	Every Sand Stene
740	760	Crey Shale "Note" Water to p Grand tos
760	880	Stad Stone fine to medium
Elc	9/0	Shale
910	930	Shale Taggett
930	965	Shale" (Taggett"
		
	1	

Approved Stock Form-State Publishing Co., Helena, Montant File No. 13-942 County Golden Kalley DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER GODE \square OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights ENGINEER (Under Chapter 237, Montana Session Laws, 1961) County of Jole Nalley State of Montana laws in effect prior to January 1, 1962, as follows: 2. The beneficial use on which the claim is based...... Stack Water 3. Date or approximate date of earliest beneficial use; and how continuous the use has been will go 1961,
Whenever needed 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 GTP M. 640 ff 5. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof NE 1/4 NESec. 7 T. 9 R 21 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 loca tion of each well or other means of withdrawal 8. The depth of water table...... So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Size unknown st plesent 10. The estimated amount of groundwater withdrawn each year. In have 11. The log of formations encountered in the drilling of each well if ava-350 AL BOUL PAW Shale 12. Such other information of a similar nature as n ful in carrying out the policy of this act, including reference to book and page of any county record Signature of Owner. Three copies to be filed by the warr with the County Clerk and Recorder of the county in which Please answer all questions. If not applicable, so state, otherwise the form will be returned.

"B" 942

State e^{\pm} Montana, Golden Valley County, SS. Filed this 27 day of Dec A. D. 1963 at 11:44 o'clack A.M. Elizabeth M. J. Samberg County Recorder, Merrtin

 \hat{r}

Approved Stock Form-State Publishing Co., Helena, Montana-42199

File No. B -944

DUPLICATE

F MONTANA
F GEOUNDWATER CODE

County Color Malle

DECE VE

DEC 30 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

•	Without Well
(Under Ch	apter 237 Montana Session Laws, 1961)
N	Date of Appropriation of Groundwater
W	delivento stockwater tanks from source of 2 ft to The depth Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
NEWNE Sec. 7. T. 7. R. 2./ Indicate point of appropriation and place of use, if possible.	estimate approximate lengths of periods of use. 30 921 PM With Valve Controlls to approximatels 921 PM for Continuous use at present
	Signature of Owner. Date Jec. 23, 1963 tor (if any), otherwise by the owner.
Three copies of this notice are to be i works are located.	filed with the County Clerk and Recorder of the county in which the

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

indexed The

53731

<u>.</u>

THO WE

-Helena Independent Record File No. B - 907DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights STATE ENGINEER (Under Chapter 237, Montana Session Laws, 1961) (Name of Appropriator)
County of Mussilshell (Address) State of Montan have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as fol-2. The beneficial use on which the claim is based Alockwater Date or approximate date of earliest beneficial use; and how continuous the use has been tinuous the use has been de l'intermittelle 4. The amount of groundwater claimed (in miner's inches or gallons per minute) nine gallon per minute If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner Sec | 9 T.9 R21 Indicate point of appropriation and place of use, if possible. The means of withdrawing such water from the ground and the Each small square represents 10 location of each well or other means of withdrawal UMMAMA acres. 8. The depth of water table One hundred thirty feet 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 120, The log of formations encountered in the drilling of each well if available 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....

Date 12-10-13

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

Signature of Owner PUMUE

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

located.

6. 907

53680

State of Montanu, SS.

Golden Valley County, SS.

Filed this 19 day of December A. D. 1963

at 10:05 o'clock A. M.

Elizabeth M. J. Nankay

County Recorder.

Then L. Martin

putu.

\bigcap	Ca a.e. 21
	T
DECEIVED	County Doller Valley
AUG 29 1957 L-MONTANA BUREAU OF MINES AND Butte, Montana	
STATE ENGINEER WATER WELL LOG	
	A 1 (1 1
1	Address Roundley Mont
Driller James Hunter	Address Ramsly Gunt
	Date Completed July 12
Location: Sec. 21 T. 9 R 2/8	
1.10.1	
Type of well. (Dug, driven, bored, or drilled) Equipment used	(Churn drill, rotary, other)
Water use: Domestic Municipal Stoc	k Irrigation
Industrial Drainage Other:	
Casing: 45 ft. to Type.	Size
Casing:ft. toft. Type	Size
Casing:ft. toft. Type	Size
Perforated or Screened: Ft	to ft
Type of screen or perforations Surfacations	
. //	in well feet.
Shut-in pressure, for flowing well:lb./sq. in. or	1:(date)
	gal. per min
How tested: Engine & pump fach	
Length of test what and half hour	
Remarks: (Gravel packing, cementing, packers, type of shut-off, dep	th of shut-off),
restred with baler and this	Inst lower waterleve

(over)

4

Log of Well

		Log of Well
Depth, feet		
		Description of Material Drilled
FIOIII	Tc	
		΄ Λ // .
0	75	Clas
	T	1 KD
ار (۹۰	3/	1 allile
25	-41	Marie
~ ·	32	0 1+
3/	122	Sandstone
	1	
32	45	Xhalle
	1/	1 1 1 1
11, 1-	30	Sandstone
45	13/	Sanarione
	\ \rac{1}{2}	Sandy Stale
50	80	Sandy Hall
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P 9 North R 21 East

DUPLICATE

Chunty Golden Valley, Mont

ADMINISTRATOR COUNDWATER CODE

RE ENGINEER

DECEIVED

	,			De	clarat	fion of	Jostad G	roundwater	Rights MAY 20 1963
			ı		(Ur	der Chapter	237, Montana	Session Laws, 196	1)
									STATE ENGINEER
1			Josepi (Nam	Lle	Cade Appropr		, of	Lavina, Montar (Address)	na (Town)
	Count	v of.	(14411)		Golden	Vallev	State		(10MI)
	have	appro	priated	gro	undwate	r according	to the Monta	na laws in effect pr	ior to January 1, 1962. as follows:
			N						•
ſ		-		;	1 1	2.			uu is kised
ŀ			 			-	Livestock	water	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ŀ		-				- 3.	Date or appro	rimate date of ear	and how ficial MSC: and how con-
1.					_	_	tinuous the us	se has been Well	orgina ficial use; and how con- orgina 1911 by mi
,	-					_ E	Segar ar	d since then in	n contirmous use.
1				1					
ľ		-				4.	The amount o	f groundwater clai	med (in miner's inches or gallons
ŀ		-	\ -[-	- -		-			r minutà
-				<u>- -</u> -	- -		***************************************	**************************	
į	<u> </u>		<u> </u>	<u> </u>		5.	If used for irr	igation, give the ac	reage and description of the lands
					uth li	ne	to which water	er has been applied ad for irrigation	i and name of the owner thereof
	of M	l kec	22 7	9	R. 21				

ınd To s	l plac	e of	1180,	if p	oriation ossible. ents 10	6.	The means of	withdrawing such	water from the ground and the
cr		iii sq	uare re	pres	SHEW TO		location of ea	ch well or other m	eans of withdrawal
									engine used for power.
							F.LSVOHQUI	ipon7252b1bi	a
7.									l, wells, or other works for with-
									31, 1911.
8.	The	depth	of wa	ter 1	table!Z	ter first	struck_at_{	301below.ground	d level.
9.	So fa	ır as	it may	be a	vailable.	the type.	ize and depth	of each well or the	general specifications of ar other
	work	s for	the wi	thdra	wal of	groundwater	Drilled !	Jell, 6" hole,	95 feet
	*******		. , , , , , , , , , , , , , , , , , , ,						
				•••••					
n	79	estim	eted ar	າດກກາ	t of gree	oodwater w	ithdrawn each	vear 219,000	gallons
1.	The l	log of	forms	T			' drilling of ea	ich well if availab	le
				.HV.C.	not av	TTISHER			·····
		·····							•
2.									ut the policy of this act, including
		•••••	********						1 . // .
							·		my 17 63
							Sign	Citia . Owner	view now
								Di	Map 1/62
/hr	waa ac-	n[.aa -	a he fi	د اموا	tha a	mar with			f the county in which the well is
	ree coj uted.	bres I	O DG TI	icu L	iv tue o	mer} [D [ne County Olei	in and necorder 0	r 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 Describer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1394.

File 844

State of Monking,
Golden Valley County,
Filed this 17 day of May A.D 1963 at 11:49 o'clack A.M. Elizabeth M. Tranling County Recorder ! Lina L. Martin Diputo.

GW 2		Approved Stock Form-State Publishing	Co., Helena, Montana-39089
File No. B 844		T.	9 N 21 E
TRIPLICATE		Co	unty GOLDEN VALLEY
Top of Ground SANDY Blev. above sea level 7660 TANDY SHALE		STATE OF MONTA ADMINISTRATOR OF GROUN OFFICE OF STATE EN Notice of Completion of Appropriation by Me (Under Chapter 287, Montana Se	F Ground 1963 Shall Well NEER
	Owner	JOE CADE Address	ROUNDUP MONT
		JOE KOMBOL Address	
	Date of	Notice of Appropriation of Groundwat	er NUNE
THE Y YHTER		ell started 4-27-62 Date Co	
			, drill, rotary or
-	Water	Use: Domestic [Municipal [Industrial [Drainage [Other Irrigation Stock
TIGHT JAND	strata Sleve	ndicate on the diagram the character met with in drilling, such as soil, clay, would at which water is encountered, the g strata and height to which water rise	shale, gravel, rock or sand, etc. nickness and character of water-
81 SANOY SHALE	Me of	Size and From To	
TAZL SWALE 78 JANO	Paled Iglo	Weight of (Feet) (Feet) Casing	PERFORATIONS Kind From To
-ME COAL	1	10 CHOCE 1/63	Size (Feet) (Feet)
		6"	128 147
54945			
-UZZ SANOY SHALE	M. ,	tatic Water Level for non-flowing Well	16 feet.
(37 5177	٦	hut-in Pressure for Flowing Well	
THE COAL	_ 1	umping Water Level 1 3 5 fee	et atgal. per minute.
	- :	Discharge in gal. per min. of flowing w	ell
W	E	Iow Tested BALER Leng	th of Test / /- R
58.772M			, packers, type of shutoff, locandwater if not at well, and any ormation, including number of
	J	acres irrigated, if used for ir	rigation)
- LASSector T.7 Re		CAYE CATCHI	ER AT OF
Indicate location of well as place of use, if possible. Ea	ch	NO PILLED WIT	TH OPILL MXD
small square represents 10 acre	es.		***************************************
Show exact depth of bottom.		***************************************	95
		Drille	r's License Number
		***************************************	r's Signature

This form to be prepared by driller, and the copies to be filed by he 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 form will be returned.

TIG NG	Approved Stock Form—State Public ing Co. (Hilden, Montane—900)
Top of Ground SANOY Elev. above sea level 26.69 STATIC WATER LEVE. JANOY 3 HALE	ADMINITERATOR OF AGENTALS ADMINITERATOR OF AGENTALS BEING GOOD V. F. A. S.
	Owner JOE CADE Address ROUNDOP MONTHS Driller JOE KOMBOL Address ROUNDOP MONTHS Date of Notice of Appropriation of Groundwater NONE
TS. 15 C.P. M WATER	Date well started 4-29-63 Date Completed 5-7-4 Type of well. DR:44ED Equipment Used CHURN (dug, driven, bored or drilled) Othern, drill, rotary or other)
TICHT JAND	Water Use: Domestic Municipal Other Trigation Industrial Drainage Stock Industrial Drainage Stock Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, grayel rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.
JUL MALIE	Size of Size and Weight of Greet) To PERFORATIONS Flore Casing 1 G G 4 G G G G G G G G G G G G G G G G
134 E T WATER 2 G.R	M. Static Water Level for non-flowing Well
142 C A L JA ND	Pumping Water Level 130 feet at 25 gal, per minute Discharge in gal, per min, of flowing well. How Tested BALER Length of Test 14R.
BITION X	Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and an other similar pertinent information, including number of acres irrigated, if used for irrigation)
place of use, if possible. Ea small square represents 10 acr	
Show exact depth of bottom.	Driller's License Number Oriller'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.

File "B"
No

846
Indexed

By
77

State of Montana, SS.

Golden Velley County.

Filed in 17 day of May A. D. 1963

at 11:58 o'clock H.M.

Elizabeth M. Isanberg

County Recorder.

These L. Martin.

Denuty.

14

GY The second se	Appr ved Stock Form-Stat	olishing Co., Helena, Montana—41921 🕳 🍃 3 7 🔘
File No. B - 908		olishing Co., Helena, Montana—41921 of 3370
DUPLICATE	$\sim \varsigma^{\omega}$	County Dolden Valley
	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER COI	DE DECEIVED
	OFFICE OF STATE ENGINEER	M DEC 23 1963
Decla	ration of Vested Groundwater	Rights STATE ENGINEER
6.) 11.	(Under Chapter 237, Montana Session Laws, 196	31AIE ENGINEER
1 Resner Thomp	propriator), of Roundup.	mont
(Name of Ap	hell State of mont	ana (Town)
have appropriated groundwa	ater according to the Montana laws in effect pri	or to January 1, 1962, as follows:
N T	2. The beneficial use on which the c	laim is based Spung
9	3. Date or approximate date of car ous the use has been 1932	liest beneficial use; and how continu-
w	e only	<u></u>
		aimed (in miner's inches or gallons
	per minute). Ohne gall	on foir minute
	5. If used for irrigation, give the	acreage and description of the lands
s 22 0 0	none	ied and name of the owner thereof
Indicate point of appropria		
and place of use, if possible. E small square represents 10 ac	ach res. 6. The means of withdrawing such	water from the ground and the loca-
	tion of each well or other means	of withdrawal Mone
drawal of groundwater	tent and completion of the construction of the w	swinivallulhears
itacrilyus	three feet and varies	
	\mathcal{O}	
9. So far as it may be ava	ilable, the type, size and depth of each well or the of groundwater. I have a spream of the attendance of the size	ne general specifications of any other
for second		
10. The estimated amount of	groundwater withdrawn each year None	<u>+ 'n 3 a</u>
11. The log of formations en	countered in the drilling of each well if available.	nolavailible
just durt		
	of a similar nature as may be useful in carrying	
reference to book and pa	ge of any county record	
	Signature of Owner	Pet: :en Thampson
	1	Date 12-18-63
Three copies to be filed by the	e owr h the County Clerk and Recorder of the	e 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;	
Mines and Geology, and Quad	ruplicate for the Appropriator.	,153

The state of the s

53681

State of Montana, SS.
Golden Valley County, SS.
Filed this 19 day of
Dec A. D. 19 £ 3
at 10 16 o'clock F. M.
Elizabeth M. Jankung
County, Recorder.
Flank A. Martine

•

•

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thereof 740 14 Sec 30 T 9 R2 Indicate point of appropriation and place of use, if possible. 6. The means of withdrawing such water from the ground and the Each small square represents 10 location of each well or other means of withdrawal wandmelf acres. 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 8. The depth of water table One hundred forty two ft reducted 35 ft more So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater One hundred seventy five feet buck Casing 10. The estimated amount of groundwater withdrawn each year 270,000 gallons 11. The log of formations encountered in the drilling of each well if available hat a worlder 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including

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

Signature of Owner Pinur Thompson

Date 12-10-63

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

reference to book and page of any county record.....



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Occamber A. D. 1963 = al 10: 0 e __o'clock H_M. Clarelathe M. J. Marching
County Recorder. Una I Martine

		Valoria de la composição de la compo	
al ·	•	Approved Stock Form-State Publishing	Co., Helena, Montana—38496
File No. 845			9 N R 21 Fast
DUPLICARE		•	unty Golden Valley
DOI BIOA AB	SI	TATE OF MONTANA	uitty
Deal	OFFIC	TOR OF GROUNDWATER CODE E OF STATE ENGINEER	RECEIVED MAY 20 1963
Deci		Vested Groundwater Ri 237, Montana Session Laws, 1961)	STATE ENGINEER
Joseph M. Cade		of Iavina (Address)	/Marray
(Name of Ap	lden Valley	(Address) State of Montana to the Montana laws in effect prior	
SW 1/4. Sec. 34 T.9. R. Indicate point of appropriand place of use, if poss Each small square represent acres.	3. 4. 4. 5	The beneficial use on which the claim Idvestock Water Date or approximate date of earliest tinuous the use has been. Well do 1912 and since then in coordinate them The amount of groundwater claimed per minute). 5 gallons per minute the per minute of gallons per minute them in the per minute that the coordinate them is a per included and included the coordinate them. The means of withdrawing such we location of each well or other mean windwill and gas powered and Piston pany on 1.25° pipes.	t beneficial use; and how con- cill by C. I. Toffley ilmous use. I (in miner's inches or gallons nute ge and description of the lands and name of the owner thereof atter from the ground and the s of withdrawal. gine used for power.
		on of the construction of the well, w 1912, completed May 1912.	
8. The depth of water tab	le Water firs	t struck at 70° below ground	level
9. So far as it may be ava	ilable, the type, s al of groundwater	size and depth of each well or the ger drilled well, 6" hole, 90 f	neral specifications of any other
10. The estimated amount of	of groundwater w	ithdrawn each year219,000 gal	lons per year.
		able	

Signature of Owner.

Date May

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.



Golden Valley Coonings. Filed this 17 day of at 11: 55 o'clock IZM.

Elizabeth M. Jianhay
County Recorder. Martin Deputy

GROUNDWATER INDEX

Page ____of___

County GOLDEN VALLEY Twp. QN Rge. 22E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
18	Harman, Warm	57408		
19	ROCK FLORIAN J.	GW4	53837	
127	Johnson-Epimo Prich		55095	
37	Rock Floring J.	GLUCI	53936	
34	11	611/4	53835	
30	Davia Botty Jean	GW4	53765	
100	Fis, Betty Jean	6 W H	537661	
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County GOLPEN VALLEY

MONTANA BUREAU OF MINES A ND GEOLOGY DECE VE DECE VE DECE DE CE IVE DE COUNTY OF MARKET STATE OF THE PROPERTY
WATER	WELL	LOG	i
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STATE ENGINEER

OTATE ENGINEER
OWNER VERN HARMON Address LAVINA MONT.
Driller JOE KOMBOL Address BOX 898 ROVN DU P
Date Started 2-3-61 Date Completed 2-6-61
Location: Sec. 18 T 9 R 22 1/2 sec. NW 6 OF NE 4
Type of well. DRILLED Equipment used CHURN (Churn drill, rotary, other)
Water use: Domestic Municipal Stock Minicipal Irrigation
Drainage Other:
Casing: 0 ft. to 75 ft. Type GAL VAN/ZED Size 6"
Casing:ft. toft. Type Size
Cachea:ft. toft. TypeSize
Periodated or Screened: Ft. 30 to ft. 75 Ft. to ft.
Type of screen or perforations.
Static Water level, for non-flowing well: 30 FROM TOP feet.
Shul-im pressure, for flowing well: lb./sq. in. on: (date)
Pumping water level 22 feet at 10 gal, per min
How tested: 1 HR BAILER TEST
Length of test
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
(avar)

Log of Well

Depth, feet		,			
From To		Description of Material Drilled			
0	2	SURFACE			
2	17	YELLOW SAND ROCK			
27	39	DARK SHALE COAL BEARING			
39	42	GRAY ROCK AND WATER SCRM			
42	58	DAPK SHALE C. B.			
58	60	GAAY ROCK AND WATER 5 G P.M.			
60	68	DARK SHALE C.B.			
68	75	LIGHT SHALE			
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7	American Nick Rosson-Hills Publishing Co. Heleps Monthlett 12234
File No. B-1045	22 N 7 5
DUPLICATE	County Hylder of alley
	STATE OF MONTANA
	STRATOR OF GROUNDWATER CODE JAN 6 100 1
O.F.	FILE OF STATE ENGINEERS
Declaration	of Vested Groundwater Rights FENGINEER
(Under Ch	hapter 237, Montana Session Laws, 1961)
1 Florian J. Rock	of Lavina
(Name of Appropriator)	(Address) (Town) State of M Outana
	State of 1.1.1 Market bing to the Montana laws in effect prior to January 1, 1962, as follows:
N	
	2. The beneficial use on which the claim is based Atout water
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been 4.5.0
W	
	4. The amount of groundwater claimed (in miner's inches or gallons
×	per minute) Non afficiable
	 If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
4 SF 1/4 Soc 19 T 2Q R Q	A on additional
The state of the s	
Indicate point of appropriation and place of use, if possible. Each	6. The means of wither water from the ground and the loca-
small square represents 10 acres.	tion of each well or other means of withdrawal Windows Will SF 1/2 Ste. 19. 722-R.9
	Windowski P. N. J.
7. The data of commencement and co	empletion of the construction of the well, wells, or other works for with-
drawal of groundwater 7 fa	iflicate
,	
8. The copth of water table	
9. So far as it may be available, the	tope, size and depth of each well or the general specifications of any other water
	- 7.75
10. The estimated amount of groundwa	tter withdrawn each four first affice
10. The estimated amount of groundwa11. The log of formations encountered in	in the drilling of each well if available no afficientle
10. The estimated amount of groundwa	in the drilling of each well if available no affice the
11. The log of formations encountered it	in the drilling of each well if available No a afficientle
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11. The log of formations encountered it	r nature as may be useful in carrying out the policy of this act, including
11. The log of formations encountered it	r nature as may be useful in carrying out the policy of this act, including
11. The log of formations encountered it	

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

Children to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of 1931

53837 Valley (ounly,) SS. at 9:07 - o'clock It is.

Cauring Recorder.

Plana & Martin

Deputy.

PW a	Approved Stock Form—State Publishing Co., Helena, Montana—42329
Tile No. B 1175	le 27 T 9 N R 2012)7
DUPLICATE DUPLICATE	DERVITOR BORD
Log SEP 1	1965 STATE OF MONTANA
To of Ground PEFERRED TO.	ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER
(Elev. above sea level	Notice of Completion of Groundwater
zignord + clay	Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962
- 1	(Under Chapter 237, Montana Session Laws, 1961)
- 24 sund stone	Owner Johnson - Ekan Banchess Paradys most
-	Driller Harry Mr. Canard Address Planer Lage Mont
-	Date of Notice of appropriation of groundwater
- 90 shale	Date well started 2 12/ 165 Date completed and 1/15
- (2 GPM)	Type of well Equipment used (Churn drill, rotary or other)
- 75	Water use: Domestic Municipal Stock Irrigation
	Industrial Drainage Other I Indicate on the diagram the character and thickness of the different strata
-	met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing
	strata and height to which the water rises in the well. Size of Size and From To PERFORATIONS
i shale	Drilled Weight (Feet) (Feet) Role of Casing Kind From To
	7 1 5 1 0 207 State (Reet) (Reet) 180 205
<u> </u>	15 th state
208' sandston	
- LON Saravis	N Static Water Level for non-flowing well
	Shut-in Pressure for Flowing Well
· -	Pumping Water Level
-	w gal. per minute. Discharge in gal. per min. of flowing well
	5.2 C. P.M. How Tested S = 点 月 - 4 - 4 - 京 大 - 5
- 1	How Tested State of Test Length of Test Tester State of Teste State of Tester State of Tester State of Tester State of Tester
	Remarks: (Gravel packing, cementing, pack-
	h E. 1/5W Sec 27 T. 9. R. 22 ers, type of shutoff) Lignary follows:
- 1	place of use, if possible. Each small square represents 40
-	acres to 3.5 forgon top
	(Continue on reverse side)
-	USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).
	Lycatorh
Show exact depth of bottom.	
-	
This form to be prepared by driller, and three county Clerk and Recorder in the county in whi retained by driller.	ich the well is located, tissue copy to be Driller's License Number
Please answer all questions. If not applicable returned.	s, so state, otherwise the form will be Driller's Signature