	T 45 R 18
e No	
JPLICATE	- County Gallatin
	STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE DEGE VED
	OPERIOR OR SHAME PROTYER
	Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER
•	(Under Chapter 237, Montana Session Laws, 1961) SIAIL ENGINEER
	1 De July Royal Grand Gr
Conrad	Jornes Queona bru of Boy 79 Lallatin Lateury Name of Appropriator) (Address) (Town)
County of	allatin State of Montana
have appropriate	d 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 Somethe
	2. The beneficial use on which the claim is based.
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been
2	
7	E Continuous
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
	per minute)
<u> </u>	
	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
E. 33	s 4S 4E to which water has been applied and name of the owner thereof
	s 4S 4E to which water has been applied and name of the owner thereof
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ndicate point of nd place of use, if	s 4S 4E to which water has been applied and name of the owner thereof THE RHE appropriation possible. Each
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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 County of Gallatin Filed May 18 at 4140

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File No DUPLICAT	1		Sales of the		对。	TSR T	
	Top of Ground Elev. above sea level 10-20 gravel a Cla 10-43 Rock 10-45 gravel 10-59 Rock 10-59 Rock 10-63 gravel 10-63 gravel	Owner Driller Date of Date we Type of (dug, of driller Water	ADMINISTE OFF OFF Appropria (Under Char (U	ATOR OF 10 O	tiong of by Me: tiong	WATER CODE NINEER OC GROUNDEN ANS OF WE Ston Laws, 1961 At one Open upleted: 12 ont Used 12 ont Used 13 office Code Stock	16 1964 FGINEE 12.44 Irrigation of the different
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			1925				
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		1 1	Discharge in gal. p				
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	Lot 4. Castle Rock Show exact depth of botto	Tracts m.		,	Drille	r's License Nur	nber
C11 9 20 20 20 20 20 20 20 20 20 20 20 20 20					Drille	r's Signature	ultert

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

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

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

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File No		7 45 R 46 33
DUPLICA	(*/). !!!::	County Gallatin
	LOG MONTANA WA	TER RESOURCES DE LA COMPANIE DE LA C
January.	RE(CEIVE COMMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER
	Top of Ground AU	16 1 3 1200
	(Elev. above sea level	Notice of Completion of Groundwater
₩ <u>-</u>	0-2 soil rock	— Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962
	I5-25 gravel & rock	(Under Chapter 237, Montana Session Laws, 1961)
	25-46 rock 46-48 sand	1/ 1/2 aut les to
	48-55 clay gravel & ve	rywner farmy C. Wifirm Address Sallatin Saleinnos
	55-56 sand gravel & very little water	Driller Harold Hulbert Address Routel Bozeman, Mon
	56-57 clay 57- 59 sand & gravel	Date of Notice of appropriation of groundwater
	59-61 gravel water 61 Bottom of well	Date well started July 20 1968 Date completed Aug. 15 19
- 1		Type of well Drilled Equipment used Churn (Dug, Driven, bored or drilled) (Churn drill, rotary or other)
		Water use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐
-		Indicate on the diagram the character and thickness of the different strates with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Sho
- 1		depth at which water is encountered, thickness and character of water-bearin strata and height to which the water rises in the well.
-		
-		Size of Size and From To FERFORATIONS Drilled Weight (Feet) FERFORATIONS Hole of Castug Rind From To
-		6 5/8 2 above
		7" O. D. 6I none
	 	
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-	,	
- -		N Static Water Level for non-flowing w
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		Shut-in Pressure for Flowing Well Pumping Water Level 4.73 fe
		w E at 20 gal per minute.
		Discharge in gal. per min. of flowing w
		How Tested Bailer & pump Length of Test 4 hrs
		s Remarks: (Gravel packing, cementing, pa
-	COUNTE ROU	& SEV. Sec.33. T. 45 R.4L ers, type of shutoff).
-	Tracts 445	place of use, if possible. Each
-		small square represents 40
		(Continue on reverse si
		USE—If used for irrigation, industrial, drainage or other. Explain, st number of acres and location or other data (i.e.: Lot, Block and Ac
<u> </u>	4	tion).
-		
	Show exact depth of bottom.	
		47
	rm to be prepared by driller, and three	copies to be filed by the owner with the
	Clerk and Recorder in the county in whal by driller.	e, so state, otherwise the form will be Driller's Signature 44,510
1		a so state otherwise the form will be Wastell R. Was Wall
Please returne	answer all questions. If not applicable	Timillan's Cionatuna

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County of Gallatin
Filed Adoptitio 1968
at 3/45 o'clock P. M.
Carl & Stucky
County Clerk & Recorder
By Betty Rose Sept 995.
Deputy
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i,			ADMINIST	STATE C	F MONTA	NA (D)	CE I	VEM
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	Top of Ground APARS (Elev. above sea level 5000)	Notice of C	Comple	tion of	Grour	dwate	ř
i			Appropr	iation	by Me	ans of	Well	INEER
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-	Bellich	drille			other)	041-	-	
<u> </u>		Water	Use: Domestic ; Industrial	~	nicipal 🔲 ainage 🔲	Other [Stock [gation []
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			met with in drilli epth at which wa					
			strata and heigh					
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	N N		tatic Water Level					feet.
	K	s	hut-in Pressure	or Flowin	g Well	. •		
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	N	S P	hut-in Pressure fr rumping Water Le Discharge in gal.	or Flowing	Wellfe	et at	gal. I	per minute.
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	CASTLE ROER TRA SE. 1/4. Sed 1/4. T. 1/2. Indicate location of we place of use, if possible	S R4E vell and e. Each	hut-in Pressure for the	or Flowing evel	g Wellfe	et at	gal. p	atoff, loca- l, and any
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	FASTLE ROER TRA SE.14. Se3.4. T.4. Indicate location of w place of use, if possibl small square represents	S P E F S R4 E vell and e. Each 10 acres.	hut-in Pressure for the	or Flowing evel	g Well	et at	gal. I	axtoff, loca- l, and any number of

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- 1	49-50 water	& sand	Date well	l started Auly		26Bate Co	mpleted	fuly I5	I986
- 1	40-58 rock 58' Bottom o	f well	Type of	well Drilled		Equipm	ent Used	Ch im	
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	14		Di	amping Water Le	evel57 per min. of	flowing w	et at ell	5gal.]	
	17		Di E Ho	umping Water Lease in gal. pow Tested	ovel5.7 per min. of mp	flowing w	et at	5gal. 1 st. 2 his	utoff, lo
	117		Di E Ho	mping Water Lesscharge in gal. pow Tested	per min. of mp l packing, place of	flowing w Leng cementing ase of grow	et at	5gal. pal. pal. pal. pal. pal. pal. pal. p	utoff, lo
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

2018

State of Montane
County of Gallatin
Filed July 18
at 3:15 o'clock M.

Carl L. Stucky

County Clerk & Record Clerk

Fee \$ 2.00 pd.

Deputy

County Sollation Twp. 45 Rge. 5F County File No. Name of Appropriator Type of Form Remarks 14 United State sof anima 2 m 3 824

GROUNDWATER INDEX

Page <u>1</u> of <u>#</u>

Approved Stock Form—State Publishing Co., Heler
File No.

DUPLICATE

County....

County PRECEIVE DEC 10 1963

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. 1930
	United States of America
	Owner (Percat Service) Address Boueman Montana
	Contractor (if any)
	Address of Contractor
	Date Started1930
· N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	water when applicable
* /	
	Spring
w i i i i i i i i i i i i i i i i i i i	£
"	E
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
<u> </u>	estimate approximate lengths of periods of use
1 Sec. 14 T 48	REACT SPRING - 6 G. P.N measured flow, and timed.
Indicate point of appropri	ation
and place of use, if possible	the Period: Grazing season, approximately four
CK SPRING	months aumually.
C. Crasso	***************************************
	EMITED STATES OF AMERICA
	Signature of Owner By
	Date 12/4/63

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

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

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

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

State of Montana | SS | County of Gallatin | SS | Filed | December 9 11:54 o'clockA M.

EARL WALTON

COUNTY CLERK & RECORDER

COUNTY CLERK & RECORDER

Page / of 6 GROUNDWATER INDEX County Greater Twp. 45 Rge. 67 County File No. Type of Form Remarks Name of Appropriator United State saf ancica DN 3. 815 834

PI.IO	ATE (ADMINIST	RATOR O.)F, MONTA F: GROUNI	MA OWATER O	ODE	32 S S
	Top of Ground (Elev. above sea level	eurisce oken rock.	No	otice of (Approp	Comple riation	tion of by Me	ans of	dwate Well	
	8(-15' Dirt & brol 15'-16' Boulders 16'-21' Hard rock.	01	wner Fo	ed States (rest Servion Dyken Dr. mpany	ie Llling	Address	Bogeman,		
	21'-26' Clays & FO 26'-28' Sand(Mater 28'-35' Hard blue	bailed 6 G.P.M) Da	nte of No	tice of Appro	priation of	Groundwat	r. 10=05=6	3	
-	35'-51' Rard blue	shales. Ty	ype of w	started 9.24 Drilled ven, bored or		Equipm		in an di	:111.
-	51'-80' Hard basal	ut. W		e: Domestic Industrial		nicipal [Other [igation
_		st Si	trata met how dept	ate on the d with in drill th at which w rata and heig	ing, such as ater is enco	s soil, clay, ountered, th	shale, grave tickness and	el, rock or character	sand,
~									
	807-85' Hard blue	Drille	ed i	Size and Weight of Casing	(Feet)	To (Feet)		RFORATION From	,
	80'-85' Hard blue 85'-92' Sandstone Total pepth 92'	Drille	ed i	Weight of	(Feet)		PE Kind Size N Q		To
	85'-92' Sandstone	Drille	ed e	Weight of Casing	(Feet) 2+9m Above ground surface	(Feet) 51 *	Kind Size N C	From (Feet)	To
	85°-92° Sandstone	Drille	Stat Shu Pun	Weight of Casing 6" - 19 1b. ie Water Levelt-in Pressure apping Water L	2:0n Above ground surface l for non-fl for Flowin evel	owing Well fe	Kind Size N C	From (Feet) N B	To (Feet
	85°-92° Sandstone	Drille	Stat Shu Pun Disc	weight of Casing 6" - 19 1b. ic Water Leve trin Pressure aping Water Leharge in gal. w Tested	de packing, f place of	owing Well g Wellfe f flowing w cementing use of grou	Kind Size N C N C N C N C N C N C N C N C N C N	From (Feet) N B gal. A 1 h ype of sh not at we	per min
	Total Depth 92' N SBE SE	(water) 6"	Stat Shu Pun Disc E Hov	Weight of Casing 6* - 19 1b. ic Water Level t-in Pressure apping Water Lecharge in gal. w Tested Properties of the control	de packing, f place of similar pe	owing Well g Wellfe f flowing w cementing use of ground	Kind Size N C N C N C N C N C N C N C N C N C N	gal. 1 h ype of sh not at we notluding	per mir
	85'-92' Sandstone	(water) 6"	Stat Shu Pun Disa E Hoo	Weight of Casing 6* - 19 1b. ic Water Level t-in Pressure apping Water Lecharge in gal. w Tested Properties of the control	de packing, f place of similar pe	owing Well g Wellfe f flowing w cementing use of ground	Kind Size N C C C C C C C C C C C C C C C C C C	gal. 1 h ype of sh not at we notluding	per min

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of 4.

State and Gaslov and Quadruplicate for the Appropriator.

-- 63 સ à 1 1 ĊŢ. ... paselerae Date With E. or ffew has been displaced in this consistent or compared to the compared of t न्तु के हुन्तिया एक मित्र कुर्ल किन्न किन्न न कुर्ल प्रकार 60 - 16 345 Sign #815 MANA WAR State of Montana | ss.
County of Gallatin | ss.
Filed December 9
at 11:45 o'clock

EARL WALTON

COUNTY CLERK OF THE COUNTY CLE (- 15 S - 2 2.00

dispersion of

								Approved Stock Form-State Publishing Co., Helena, Montana-40876
File N	o							
DUPL	ICATE		:	,*				County Gallatin
					ADM	nistr <i>i</i>	ΑT	OR OF GROUNDWATER CODE OF STATE ENGINEER DEC 10 1963
			De	ecla	ratio	n of	٧	Vested Groundwater Rights 237, Montana Session Eaws, 1961) STATE ENGINEER
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C	onntv	Ne) of	me of Galls	App.	ropriat	or)	•••••	(Address) (Town) State of Bozeman, Montana
ď	ave ap	propria	ted gro	ound	vater a	ccordin	g t	to the Montana luws in effect prior to January 1, 1962, as follows:
			N	· ·				
	_	_		_ _	_	2	. ?	The beneficial use on which the claim is based Domestic
	_		<u> </u>		_	_	, ,	
w -					×	E	4	Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous use 1940 to 1947. Capped off in 1947. Future domestic use intended.
_						4		The amount of groundwater claimed (in miner's inches or gallons per minute)
-			- -					
L	<u>i l</u>		s] (5.	If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
								#/A
snisnim	•							
Indicand Each acre	cate po place small	oint of of us square	appro e, if repre	priat possi sents	ion ble. 10	ı	6.	location of each well or other means of withdrawal. (Drilling) Drilled well
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State of Montana } County of Gallatin SS. December 9 12:06 o'clock P. M.

EARL WALTON

COUNTY CLERY & RECORDER

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DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

		******	(Nan	e of	Appro	opria	tor)		Service) of (Address)	(Town)
Co	unty	of	Ga	leti	D	<u>-</u>	******		State of	lontena
ha	ve a	pproj	riate	d grou	ındw	ater	accordin	ıg	to the Montana laws in effect	et prior to January 1, 1962, as follow
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	1			- 1	1	1	2	2.	The beneficial use on which t	he claim is based
}	- 				-	1			Domestic	***************************************
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8. 7 9. 8 10. 11.	The Control of the Co	r as s for estimated on the ence	of vit matthe value of form	water y be withdr amount mution ' to ' to al ra	table avail t of s en 6' 50' isec	able, of ground ground G. R.	the type roundwapth of mdwater ered in ravel a d clay feet i	the the	size and depth of each well or Drilled. 6" casing casing. casing. UNITED STAT. Signature of Ow	r the general specifications of any of second secon
8. 7 9. 8 10. 11.	The Control of the Co	r as s for estimated on the ence	of vit matthe value of form	water y be withdr amount mution ' to ' to al ra	table avail t of s en 6' 50' isec	able, of ground ground G. R.	the type roundwapth of mdwater ered in ravel a d clay feet i	the the	size and depth of each well or Drilled. 6" casing casing. casing. UNITED STAT. Signature of Ow	r the general specifications of any of sections of sectins of sections of sections of sections of sections of sections of

State of Montana County of Gallatin Ss.
Filed December 9

., 1963

o'clock P. M. 12:05

EARL WALTON

COUNTY CLERK & RECORDER

COUNTY CLERK & RECORDER

DEPUTY

Fee \$_2.00

Page ____of____ GROUNDWATER INDEX County Mallatin Twp. 5 S Rge. 4 E County Type of Form Remarks File No. Name of Appropriator Sec. 2 United States of anima DW4 25 Hardie F. R. 2W3 724 1004

w.			American Stock Form	State Bublishins	Co., Helena, Montana—38687
Pile No	*****************	Gaine	t Mt. Lookout Spring	T	58 R
DUPLICATE	.)		2000000 4,0000	Co	univ Gellatia
	SW	8	STATE OF MONTANA		co dei a chai
			ATOR OF GROUNDWATE UE OF STATE ENGINEE		DECEIVED
	Decl	aration of	Vested Groundy	water R	ights TATIONALNEED
		(Under Chapte	er 237, Montana Session L	aws, 1961)	SIATESCHOINCER
1United	States of An (Name of Ap	mrica	of Gellat		(Town)
County of	Gallatin	·	State of	Montana.	to January 1, 1962, as follows:
nave appre	N STREET STOURS	AWAREL SCOUNTE	R to the Moutang laws in	errect brior	to January 1, 1902, as lonows:
		2	. The beneficial use on wh.	ich the clain	is based.stockester.and
					t beneficial use; and how con-
			tinuous the use has been	n 1962	
"		B			***************************************
			. The amount of groundw	ater claimed	l (in miner's inches or gallons
			per minute)2 gallons	per minu	ta
			If used for irrigation si	va tha aaraa	ge and description of the lands
	8	ا لسحنسب	to which water has bee	n applied a	nd name of the owner thereof
5E 1/4 SW Se	c. 2 T55 R	4E		······································	
Indicate point	t of appropria	ation	***************************************	***************************************	***************************************
and place of Each small so	f use, if poss quare represent	sible. is 10	6. The means of withdrav	ving such w	ater from the ground and the
acres.					s of withdrawal concrete 2. T5S. R4E
					M2R455.249.144
7. The date drawal of	of commencem	ent and complet	ion of the construction of	the well, v	vells, or other works for with-
	***************************************			****************	***************************************
•					
works for	r the withdraw	al of groundwat	erconcretespringb	ox.approx	neral specifications of any other imately 3. x 4. pipe and
·····	*************************				***************************************
	******************************		***************************************	***************************************	
10. The estin	nated amount	of groundwater	withdrawn each year40	0,000gal	lons
					not applicable
_			***************************************		
12. Such oth reference	er information to book and p	of a similar nat	ty record unknown	•••••	the policy of this act, including
	***************************************				1 T. 1 XTT NO
			0:	l.	util State Moneina Jun & Boe October Z, 1963
			Signature of	owner.zsy.	Oct 1 7 1013
ms	4. l. am * *				
Three copies located.	to be filed by	the Owner with	the County Clerk and R	ecorder of t	he county in which the well is
Please answe	r all questions.	. If not applicab	le, so state, otherwise the	form will be	e returned.
Original to t	the County Cle	rk and Recorder	e; duplicate to the State I for the Appropriator.	Engineer; Tr	riplicate to the Montana Bureau
	- 20010831 07707	frame - Private 1	or are whitehiteens.		

State of Montana }
County of Gallatin October 2 at 11:28 o'clock A M.

RARI WALTON

COUNTY CLERK & RECORDER

By Level Of Departy

DEParty Fee \$ 2.00

File No. DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation NGINEER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Hardie, T. (2) R. (3)	Date of Appropriation of Groundwater
7. (b) \\. (b)	Address of Contractor
?	Date Started
N N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable for the sub-irrigation and other natural processes.
w *	
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
SE. NW. LEW. ME Sec 2.5 T. 5 RE Indicate point of appropriation and place of use, if possible.	estimate approximate lengths of periods of use 20 MRS.
755 R_ F	· ·
Sec 25	Signature of Owner Thandie Jacobe
Range No? N:	0-5: Date Dicember 23, 1963
•	tor (if any), otherwise by the owner.
Three copies of this notice are to be a works are located.	filed with the County Clerk and Recorder of the county in which the
Please answer all questions. If not a	applicable, so state, otherwise the form will be returned.
Original to the County Clerk and R	tecorder; duplicate to the State Engineer; Triplicate to the Montana

Bureau of Mines and Geology and Quadruplicate for the Appropriator.

100 F

State of Montana | 55 | Solivity of Children | 55 | 1963 | 1963 | 1964 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 | 1965 |

Page / of 6 GROUNDWATER INDEX County Lallatine Twp. 65 Rge. 3E County File No. Type of Form Remarks Name of Appropriator 2362

No	Print 2 - Albert Control of the Control	vala stockéch CEIVC		т	S S R	3 E	25
9 1.10	ATE	APR 2 1971	STATE	OF MONTA			<i>y</i>
	Top of Ground		ADMINISTRATOR O STATE WATER O	ONSERVA	TION BOA	RD	
	(Elev. above sea level 6482		ice of Comple oppropriation	by Me	ans of	Well	er
	19' Claybound. Boulders	& (Under	DEVELOPED AF Chapter 237 Montan				ed).
	gravels.		SKY OF MONT. I	the great was a state of		**********	SCHOOL STATE
9'-	-32' Lenses of clays, sands, boulders, dirty gravels. Cleanest @ 21 to 27	Driller VAN	DYKEN DRILLING	CO _{Addres}	BOZEM	AN, MON	descript this !
	Water level @ 8'.	Date of Horic	rted 8/9/70			2 1 d 14 15 15	70
21	-33' Brown claybound sands.	Type of well	n-133 - 3				ools
331.	-39' Claybound sands &	Water use:	ug, driven, bored or drill	led) Lunicipal [(Chur	n drill, rota	ry or other) rigation 🔲
-	small gravels. 10 G.P.M. @ 33'.		Industrial \Box on the diagram the cl	Drainage [aracter and	Oth thickness o	er 🗌 Te	est hole rent strata
39¹ -	-42' Dark brown sticky clays.	depth at whi	drilling, such as soil, ch water is encounter eight to which the wat	ed, thicknes	s and chara		
421	-? Shales.	Size of Drilled Hole	Size and From Weight (Feet) of Casing	To (Feet)	Pi Kind	ERFORATION From	S Te
-		6"	6 5/8" 0 0.D.	421	Size	(Feet)	(Feet)
_			17#per ft.		slots	33	38
<u>-</u> !	T.D. 42'		00000				
- -	WELL NO. 7.						
		<u></u>	м	Static Wa	ter Level	for non-fl	
- % , - ,				Shut-in Pre	Water Leve	owing We	11 none
<u>-</u> -	2342 000	W	E	at 30 Discharge	•		
—·	ized 197 geord any of the			How Teste	Baile Test 2 b		
- \ 	1418 119 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		· s	Remarks:	(Gravel pac	king, ceme	enting, pacl
_	A. O. dock	Indicate lo place of us	e.35. T. 6. SR. 3. E cation of well and e, if possible. Each	ers, type o	f shutoff). D	rill c	uttings
_		acres.	are represents 40	***************************************		*********	
-							
- - -		num tion	•	tion or othe	r data (i.e.	: Lot, Bloo	ek and Add
ı	Show exact depth of bottom.	• • • • • • • • • • • • • • • • • • • •				•••••	
_	4.5	**************************************		LIC	ENSE NO.	I	<u>Á.</u>
This fo	orm to be prepared by driller, and three	copies to be filed	antad tiems some 4s 1-	Drill		3 TAURITIES.	
County	orm to be prepared by driller, and three y Clerk and Recorder in the county in whed by driller.	copies to be filed hich the well is lo	cated, tissue copy to be	Drill		Number 1	D. S.
County etains	y Clerk and Recorder in the county in when by driller. answer all questions. If not applicable	hich the well is lo	cated, tissue copy to be	13	ler's Signat	aulis	Jelen

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LOG OF EXPLORATION BORING

		i i					HOLE					
	Total Contract of		JOS NO. 70-31				SHEET	lor				
DRILL TYPE: SOIL Cable Tool			PROJEC	PROJECT Big Sky of Montana								
ROCK Cable Tool												
SIZE, TYPE OF BIT				UNIT								
5''					Water Supply - Meadow Village							
CASING: S	CASING: SIZE 611 LENGTH 42.1				On North Fork, 1/4 mi. South of guest ranch							
	TOTAL NO. OF OVERBURDEN SAMPLES TAKEN					NAME OF DRILLER Van Dyken						
Disturbed						ELEVATION: TOP OF HOLE 492 GROUNDWATER -5.01						
TOTAL" NO. CORE BOXES	TOTAL TOTAL CORE RECOVERY FOR BOXES 0				THICKNESS DEPTH TOTAL DEPTH OF OVER 42.01 INTO ROCK 1.01 HOLE 43.01							
REMARKS					DATE HOLE							
•	Class	sificat	ion by driller generally	Storte	Storted 8-13-70 Completed 8-21-70							
confi	rmed by	y inspe	ector	SIGNA	SIGNATURE OF INSPECTOR							
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATER	RIALS	% CORE RECOV- ERY	BOX OR SAMPLE NO.	(Orilling time, w	ARKS ater loss, depth of c., if significant)				
	1.0	78/4	Top Soil									
	SAND, clayey; some to 19', medium firm soft, dry to wet						Casing perfo 21 rows of	orated 32'-24'; 4 slots				
	19.0	W	GWL GRAVEL, Clayey; so layers, medium com saturated									
·	SAND, clayey; with gravel, saturated,			loose,	4							
	42 0	10, 00	CLAY, Gravelly; we) T								
	43:8		SHALE; claystone				<u> </u>					
			Bottom of Hol	le			See addition	onal sheet for st data				
	1 -	3					1					
	, -	- 1	1		,	1						

Militaria NTL 122

wa 🧑	
	T. 6.S. R. 3.E.
	APR 2 1971 County Gallatin 33
UPLICATE	STATE OF MONTANA
LOG	ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION BOARD
Top of Ground	
(Elev. above sea level 6332	Notice of Completion of Groundwater Appropriation by Means of Well
O'-1' Soils	DEVELOPED AFTER JANUARY 1, 1962
1'-9' Claybound. Boulders.	(Under Chapter 237 Montana Session Laws, 1961, as amended)
	Owner BIG SKY OF MONT. INC. Address BOZEMAN, MONTANA
_9'-31' Claybound sand & gravels. Sloppy. So	Omeriller VAN DYKEN DRILLING COAddress BOZEMAN, MONTANA
_ water & 19.251	
_3132' Very fine sands.	Date of Notice of appropriation of groundwater
37 4-531 yest 1146 sixis.	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그
-33 44371 \$6\$/P6\$	Type of well. Rrilled Equipment used Cable tools (Churn drill, rotary or other)
3233' Pea size gravels.	Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐ Test hol
Water.	Indicate on the diagram the character and thickness of the different strata
33'-37' Green very fine sands.	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
37'-38' Gray silty sands	strata and height to which the water rises in the well.
sands and grayels.	Drilled Weight (Feet) (Feet) FERFURATIONS Hole of Casing Kind From Te
38'-44' Claystone. Water.	6" 6 5/8" 0 44° Size (Feet) (Feet) 31
44'-? Shale	0.D. 17#per ft. 12 32 33 35 36 37 38
–	tested 38 43
 -	
	N Static Water Level for non-flowing well
T.D. 44.	Static Water Level for non-nowing wen
WELL NO. 5	Shut-in Pressure for Flowing Well none
	Pumping Water Level. 19 feet at 20 gal. per minute.
-	Discharge in gal. per min. of flowing well
	none Bailer
336	How Tested
- oc. No. record day of 12.50	Remarks: /Gravel peaking comenting peak
	aromario, (arai or paoming, comonidad, paom
Filed 1 Page 1	NWA SESec 35 T. 6S. R.3 E. ers, type of shutoff) Drill cuttings
Filed 1 Page 1	NW4_SESce.35. T.6S. R.3.E. Indicate location of well and place of use, if possible. Each
tiled to the street of the str	Nwh/4 SESec 35 T. 6S. R.3 E. Indicate location of well and outside of casing.
this D. 19 P.M.	NWh4 SEScc. 35. T. 6S. R.3. E. Indicate location of well and place of use, if possible. Each small square represents 40 acres.
this D. 19 P.M.	NW4_SESec.35_T.6S_R.1_E Indicate location of well and place of use, if possible. Each small square represents 40 acres. (Continue on reverse side) USE—If used for irrigation, industrial drainage or other. Explain, state
this D. 19 P.M.	NW4_SESec.35_T.6S_R.1_E Indicate location of well and place of use, if possible. Each small square represents 40 acres. (Continue on reverse side) USE—If used for irrigation, industrial drainage or other. Explain, state
this D. 19 P.M.	NW4 SESec. 35. T. 6S. R.3. E. Indicate location of well and place of use, if possible. Each small square represents 40 acres. (Continue on reverse side) USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addi-
this D. 19 P.M.	NWh/4 SESec. 35. T. 6S. R.3. E. Indicate location of well and place of use, if possible. Each small square represents 40 acres. (Continue on reverse side) USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).
Theo the 11 the thing 19 11 th	NW4_SESec. 35. T. 6S. R. 1. E. Indicate location of well and place of use, if possible. Each small square represents 40 acres. (Continue on reverse side) USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).
Show exact depth of bottom. This form to be prepared by driller, and three controls.	NWh/4 SEScc. 35. T. 6S. R.3. E. Indicate location of well and place of use, if possible. Each small square represents 40 acres. (Continue on reverse side) USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition). LICENSE NO. E.
Show exact depth of bottom.	NWh/4 SEScc. 35. T. 6S. R.3. E. Indicate location of well and place of use, if possible. Each small square represents 40 acres. (Continue on reverse side) USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition). LICENSE NO. E
Show exact depth of bottom. This form to be prepared by driller, and three county Clerk and Recorder in the county in whiretained by driller. Please answer all questions. If not applicable	NWA SESce. 35. T. 6S. R.3. E. Indicate location of well and place of use, if possible. Each small square represents 40 acres. (Continue on reverse side) USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition). LICENSE NO. L Driller's License Number
Show exact depth of bottom. This form to be prepared by driller, and three county Clerk and Recorder in the county in white retained by driller.	NWh/4 SESec. 35. T. 6S. R.3. E. Indicate location of well and place of use, if possible. Each small square represents 40 acres. (Continue on reverse side) USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition). LICENSE NO. L Driller's License Number Copies to be filed by the owner with the sich the well is located, tissue copy to be E., so state, otherwise the form will be

Phillip Day and for Physics Well 1900. Partie Market Poster GRAVEL, Sandy; clean, sand lenses saturated, medium loose, becomes angular at 38.0' State of Montana County of Gallatin 2.50 o'clock P.M. 1.1

ORTHERN DIESTING LABORATORIES

GREAT FALLS

MISSOULA

BILLINGS

MONTANA

35

LOG OF EXPLORATION BORING

JOB NO. 70-31 SHEET 1 OF ____

PROJECT Cable Tool Cable Tool Big Sky of Montana DRILL TYPE: SOIL UNIT Water Supply - Meadow Village SIZE, TYPE OF BIT LOCATION Downstream of proposed dam location LENGTH ____44.1. CASING: SIZE 611. NAME OF DRILLER Van Dyken TOTAL NO. OF OVERBURDEN SAMPLES TAKEN GROUNDWATER ELEVATION: TOP OF HOLE 6332 Undisturbed Disturbed TOTAL DEPTH OF HOLE DEPTH DRILLED INTO ROCK THICKNESS OF OVER- 44.0 TOTAL CORE RECOVERY FOR BORING (%) 45.01 1.0' TOTAL NO. CORE BOXES BURDEN DATE HOLE Completed 8-6-70 REMARKS Classification by driller generally Storted 8 - 4 - 70 SIGNATURE OF INSPECTOR

confirmed by inspector Vischer REMARKS
(Drilling time, water loss, depth of weathering, etc., if significant) % CORE BOX OR RECOV- SAMPLE ERY NO. CLASSIFICATION OF MATERIALS ELEVATION DEPTH LEGEND CLAY, Gravelly; with boulders, dry, medium compact M. GMr GRAVEL, Sandy; considerable clay, moist, water at 19', medium compact Casing perforated 381-291 11 rows of 4 slots 20.0 Bailing test at 451 30 g.p.m., 10' drawdown GRAVEL, Sandy; clean, sand lenses saturated, medium loose, becomes angular 31.01.0 at 38.01 7.0. 3 44.0 SHALE; claystone hard Bottom of Hole

<mark>utt vid ståre i kasting til k</mark>en kasti kli skald til sente med delt kastilete, et illek kommittet frates i i Men

NTL 122

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

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

LICENSE NO. 1

Driller's License Number

Driller's Signature.

48286

Fry genualisjan var barel sekell aitsek Bailing test with hole at 40' - 20 g.p.m 2357 Perforated 19 rows of 4 slots each 44. - 34. hole at 45., bailing test 45 9.0... THE PROPERTY OF STREET State of Montana County of Gallatin Filed Am SAND, silty; with gravel, wet, medium loose County Clerk & Recording by medium hard SHALE, hard · PACTORIC (C3) O 016090 KD

GREAT FALLS . MISSOULA BILLINGS MONTANA BOISE IDAHO

8 1971

LOG OF EXPLORATION BORING

HOLE NO. DH-W-1 SHEET ____ 70-31 JOB NO. OF . PROJECT Cable Tool DRILL TYPE: SOIL Cable Tool Big Sky of Montana ROCK UNIT SIZE, TYPE OF BIT Water Supply - Meadow Village LOCATION 611 west of North Fork Bridge __ LENGTH ___461. CASING: SIZE ___ NAME OF DRILLER Van Dyken TOTAL NO. OF OVERBURDEN SAMPLES TAKEN Undisturbed 0 Disturbed ELEVATION: TOP OF HOLE 6410 GROUNDWATER TOTAL CORE RECOVERY FOR BCRING (%) TOTAL NO. CORE BOXES THICKNESS OF OVER-BURDEN DEPTH DRILLED INTO ROCK 8.01 TOTAL DEPTH OF HOLE 45.0' REMARKS DATE HOLE Classification by driller generally Completed 7-23-70 confirmed by inspector SIGNATURE OF INSPECTOR Diekman
REMARKS
(Drilling time, water loss, depth of weathering, etc., if significant) P. CORE BOX OR RECOV- SAMPLE ERY NO ELEVATION DEPTH LEGEND CLASSIFICATION OF MATERIALS Top Soil D. (1) GRAVEL, clayey; with boulders and cobbles, compact CLAY, Sandy; some grave1, wet, compact 22.0 CLAY, gravelly; some sand, wet, soft 29.0 Bailing test with hole at 40' - 20 g.p.m SAND, silty; with gravel, wet, medium loose Perforated 19 rows of 4 slots each 44' - 34' SHALE, hard hole at 45', bailing test 45' g.p.m., SANDSTONE; medium hard, 10' drawdown fine grained; andesite at 44.5 45.0 Bottom of Hole See additional sheet for pumping test data. Casing left in place.

₩ NTL 122

C A Evan

£ 2			da Nila S R y V	Approved	Stock Form-				-
File No							SR.		
DUPLICA	ate	AP	R 2 197			-	y Ga	Llatin	
	LOG			ADMINISTR		F GROUN		CODE	
	Top of Ground		·	STATE W				•	
-	(Elev. above sea level	6230)	Noti	ce of C	omple	tion o	f Grou	ndwate	er
0	L' Soils		A	ppropri					
		4.0 . A A					JARY 1, 1		
74	12' Clays & silt	s. Wet at	(Under	Chapter 237	Montan	a Session l	Laws, 1961,	, as amend	ed)
12.1	-19' Wheat & pea	#120 Ov	vne BIG S	KY OF MOR	IT. IN	Addres	BOZIM	AN, MON	TANA
-	gravels. Cla	ybound. Dr	illerVAN	DYKEN DR	ILLING	COAddre	BOZEM	anmon	AKAT
-	Larger grave 10 GPM @ 17'		ste of Notic	e of appropri	istion of s	roundwate	rnone		
10.1	-21' Very fine t			ted		,			
-	claybound se	nds.					-		•
- 1	Little water	,	pe of well. (De	Drille g, driven, bor	ed or drille	Equipme ed)	ent usedki (Chui	n drill, rota	DAR
21'	-23' Same as abo more clays.		ater use:	Domest Industri		Iunicipal [Drainage [-	ck 🔲 Im	rigation [
-			Indicate				-	- 4 4 4 - 3148 -	
23.7	-24' Fine sands (dirty). Cle	GE GE	eptn at which	en water 18 e	ncountere	u, inickues	r suc cusu	k or sand, acter of wa	etc. Show ter-bearing
_	gravels lens	ie @ 24° st	rata and he	ight to which	h the wate	er rises in t	he well.		··
249-	-31' Cleaner fir	e sands	Size of Drilled	Stre and Weight	From (Foot)	To (Feet)		ERFORATION	
-	& gravels. 2 @ 28'.	W W.P.M.	Hote 617	6 5/8"	0	501	Kind Stre	(Feet)	To (Peet)
311	-34' Smooth pea	sise		0.D. 17#per	**		inx?"	27 34	31 38
	gravels. Di:	rty. Not mu	ıch	tested	1.		92040	41	44
		_							
341	-38' Very loose gravels. 4	coarse, cl	resp						<u> </u>
	Water.		<u>-</u>	и		Statle Wat	ter Level	for non-fl	owing well
381-	41' Sands. Lit	tle amount							feet.
-	of gravels.				[- .	11 D913.6
41'-	fine to coa	n gravels		•	'		QQ Leve	•	9feet inute.
	of water.				_				lowing well
449-	50' Fine to co	arse sand						no	•-•
L	& gravels. D tight. Water	irty &			1				punp
<u> </u>	much @ 501.	G 41 MOU		8		•			nting, pack
501.	-? Shales.		SW1/ANE Sec	.36 T6S	15.5				uttings
-		I	Indicate lo	ation of we	all and	outsid.	e of ca	sing	** **************
-	T D 501	8		re represen					*****************
	T.D. 50'	<u> 3360</u>			******	••••••••			
	Doc. No. No. o	a april							everse side
L	Filed for pecord	of the later of th	nun	sed for irrig	sation, in and locati	dustrial, d ion or othe	rainage or r data (i.e.	other. E: : Lot, Bloc	xplain, statek k and Addi
-	A.D. 19 D	M.	tion)	•					
. -	o'clock						•••••••••••		
	Show exact depth o	f bottom.					······	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

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

LICENSE NO. I

Driller's License Number

Leve Sandyfun.
Driller's Signature.

Her gardinate than the the streether t the parent to the train man şile arma çışı dışladığı A STATE OF THE PARTY OF THE PAR Some clayey seams saturated Carl L. Stucky

Opunty Clerk & Reporder

Clark Deputy

Opunty

Opunty State of Montana County of Gallatin 8.00 B. C. 8 3 9



GREAT FALLS . MISSOULA . BILLINGS MONTANA . BOISE IDAHO

LOG OF EXPLORATION BORING

26

HOLE NO. DH-W-6

	() () () () ()	P)	JOB NO. 70-31	SHEET 1 OF 1
DRILL TYP	E. SOIL	Cah	le_Tool	PROJECT
DRILE ITT	ROCK		ole Tool	Big Sky of Montana
SIZE, TYPE	OF BIT			UNIT
		. 5"	·	Water Supply - Meadow Village
				LOCATION
			LENGTH50.!	North of West Fork West of Crail Ranch
Т	OTAL NO.	OF OVE	ERBURDEN SAMPLES TAKEN	NAME OF DRILLER Van Dyken
Disturbed	0		Undisturbed 0	ELEVATION: TOP OF HOLE 1330 GROUNDWATER 11.01
TOTAL NO. CORE BOXES	0		AL CORE RECOVERY FOR	THICKNESS DEPTH TOTAL OF OVER. BURDEN 50' INTO ROCK 1.0' HOLE 51.0'
REMARKS		100	and the second second	DATE HOLE
			ion by driller generally	Started 8-11-70 Completed 8-12-70
confi	rmed by	insp	ector	SIGNATURE OF INSPECTOR Vischer
	I.			% COREBOX OR REMARKS
ELEVATION	DEPTH IL	EGEND	CLASSIFICATION OF MATERIA	% COREBOX OR REMARKS ALS RECOV- SAMPLE (Drilling time, water loss, depth of eRY NO weathering, etc., it significant)
7.e	1.07	/ 5/4	Top Soil	
	7	2/4	CLAY, Silty; damp to	o wet
	. <i>-</i> →	11	medium iiim	
	=	1/1	• .	
	=	///	·	
	11.0	·W-	GWL '	
	12.0			
		4000	GRAVEL, Clayey; medi	
	1 —		some sand lenses,	beiling test-10 g.p.m.
	-	1000	saturated	
	l· =	1713.		Hole at 38'
		(10)	1	bailing test-40 g.p.m
	23.0	0,0	1	n with Hole at 50'
		Λ	GRAVEL, Sandy; clear	11 W 1 L 11
	-		some sandy lenses, a	did land days
$\mathcal{E}_{n} = \{ e_{n-1} \}^n$] =	0	some clayey seams sa	aturated
	30.0	0	medium loose	} }
	-	1//2	' ! .	
· per	=	12.		
÷		11 %	•.	
	=	1 43		
ं र सर	40.0	10.63	•	
	10.0	14		
	=	120		
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¥* +	=	ا من ا	1	
	1 =	1. 10 0		
	50.0	1.44. V	SHALE; claystone	
	51.0	₽	=[
] =	┨	Bottom of Hole	See additional sheet for
:	1 _]	1	pumping test data
4	=	1		pullipring test data
	=	1	1	
	<u> </u>		4	

4

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ile No	STATE STATE OF THE	MILIVATER RESOURCES CLARD EGEIVED APR 2 1971	T 6 S R 3 E
UPLICA	TTE .		County Gallatin
	LOG	APR 2 1971 STATE OF	MONTANA Sign of the control of the c
Market sales		ADMINISTRATOR OF (STATE WATER CON	The first of the control of the cont
	Top of Ground		the state of the s
	(Elev. above sea level 6239	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	on of Groundwater y Means of Well
		DAILAND VALLE VALL	R JANUARY 1, 1982
	6' Soils, and boulder	'5 -	Session Laws, 1961, as amended)
_61-	24' Clay bound sands	end Owner BIG SKY OF MONT. INC	Rozeman Mont
	wheat size gravels Boulders @ 14'.	医二甲基丙基二甲基酚 医静脉动脉 医二氯甲基磺胺酚	
-24.1	-27' Shale.	Driller VAN DYKEN DRILLING C	Oaddress BOZEMAN, MONTANA
-		Date of Notice of appropriation of gro	undwater None
-2/1	? Shale	Date well started 7/30/70	Date completed 8/3/70
- [
-		Type of well Drilled (Dug, driven, bored or drilled)	(Churn drill, rotary or othe
			icipal
			cter and thickness of the different stra
		met with in drilling, such as soil, clay	y, shale, gravel, rock or sand, etc. Sho thickness and character of water-beari
		strata and height to which the water	
	T.D. 27'	Size of Size and From Drilled Weight (Feel)	To PERFORATIONS
_		Fore of Casing	Kind From Te Size (Feet) (Feet)
L 1	WELL NO. 4.	6" 6 5/8" 0	27' ¼" x2" 19' 23½
_		0.D. 17# per	slots
-		ft. tested	
-	,		
-			
-		N Sta	tic Water Level for non-flowing w
-			Te
	,	Sm	nt-in Pressure for Flowing Well Rone mping Water Level 22 f
		W E a	t 20 gal. per minute.
			charge in gal. per min. of flowing w
	7159		none
	210		w Tested Bailer agth of Test 2 hours
L	Filed for Bod day of	40 S	marks: (Gravel nacking, cementing, pa
 	this 19 77 at 18		type of shutoff) Drill cutting, type of shutoff)
-	o'clock M.	Indicate location of well and	utside of casing.
1		place of use, if possible. Each small square represents 40	***************************************
-		acres.	**************************************
	₫.		(Continue on reverse si
	1		strial, drainage or other. Explain, st
		Com-ii used for irrigation, indus	
		number of acres and location tion).	or other data (i.e.: Lot, Block and A
		number of acres and location tion).	or other data (i.e.: Lot, Block and Ad
		number of acres and location tion).	or other data (i.e.: Lot, Block and Ad
- - - - -	Show exact depth of bottom	number of acres and location tion).	or other data (i.e.: Lot, Block and Ad
		number of acres and location tion).	or other data (i.e.: Lot, Block and Ad

See additional sheet for tion market non at least contract other they getwhat he is not need of somewheld NO. THE PARTY OF T A SA SPECIAL CONTROL OF SAME CONTROL OF CONTROL OF SAME CONTRO exactions (111) constitution with the office expert to entitled him or State in ground for produce that House out the C. Saapet Toler The second secon LAZSHALE;sgrayalayeredofutmiyas | Rocket | Film of substantant | Rocket | Film of substant | Rocket | F . 01 2 3 3 5 5 See The State of Montana County of Gallatir Filed April SSA 197/
13:40 o'clock P Ma

**L Stucky
**There & Recorder

**Manager

Deputy # 1-20 / C The Sill DECEMBED.



GREAT FALLS . MISSOULA . BILLINGS MONTANA

BOISE IDAHO

36

LOG OF EXPLORATION BORING

HOLE NO. DH-W-4 70-31 JOB NO. ... SHEET __]____ ... OFl PROJECT Cable Tool Cable Tool DRILL TYPE: SOIL___ROCK Big Sky of Montana SIZE, TYPE OF BIT Water Supply ~ Meadow Village LOCATION CASING: SIZE .. 6" LENGTH ___ 24! Condominium area, west end TOTAL NO. OF OVERBURDEN SAMPLES TAKEN NAME OF DRILLER Van Dyken Undisturbed ELEVATION: TOP OF HOLE 6239 GROUNDWATER TOTAL NO. CORE BOXES TOTAL CORE RECOVERY FOR BORING (%) THICKNESS OF OVER-BURDEN DEPTH DRILLED INTO ROCK REMARKS DATE HOLE Classification by driller generally Storted Completed 8-3-70 7-30-70 confirmed by inspector SIGNATURE OF INSPECTOR Diekman

REMARKS

(Drilling time, water loss, depth of weathering, etc., if significant) % COREBOX OR RECOV SAMPLE ERY NO. ELEVATION DEPTH LEGEND CLASSIFICATION OF MATERIALS Top Soil CLAY, Gravelly; boulders medium loose, dry CLAY, Gravelly; damp to wet Perforated 23 1/2' - 19' medium loose 7 rows - 4 slots each row Bailing test with hole at 16.0 271 - 20 g.p.m. some boulders at 14' 24.0 0 SHALE; gray layered firm, 27.0 damp See additional sheet for pump test data

NTL 122

Driller's Signature.

Partie Mater Poces for tem-fleking and Lawlink Astro Designation 2001 15 F 3rd roll not one cord statute elista principali tradas no especial do teles. Albay, fiers senetil trada curi arabien de no How gained to side were the strangered (Align and Committee) REGISTRO ESTADO (Antario de la constitución de la c Josef Said warms granding besettly control off 20,000 gel. Lee entrates charges of estimate F.OR SERVER SCTJex Commission of the commission o The second second second CHE STATES 4 Torgon was J. Sencky
Clerk & Recorder

Deputy

Clerk & Recorder State of Montana County of Gallatin Without the state of the state STORE SERVICE STORE . Wind Bronding inital obstales TO VAL · 136-4 ייין למד נפכטום

A. 100 Persons



GREAT FALLS . MISSOULA . BILLINGS MONTANA . BOISE IDAHO

Samuel

LOG OF EXPLORATION BORING

36

HOLE NO. DH-W-3

			JOB NO70-31				SHEET		of L
DRILL TYPE	SOIL	Cabl	e Tool	PROJEC	Γ				
DAILE TIPE	ROCK		e Tool	Bia SI	ký of	Montana		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
SIZE, TYPE				UNIT					711.55.13
		5"		Water	Suppl	y - Mea	dow Village	<u></u>	
				LOCATI				7	
CASING: S	ZE	6.!'	LENGTH	East	of Cra	il Rand	ch animal pens	5	<u> </u>
TO	TAL NO	OF OVE	ERBURDEN SAMPLES TAKEN	NAME	OF DRIL		(
Disturbed	0		Undisturbed 0	ELEVAT	ION: TO	OP OF HO	LEG/79 GRO	UNDWATER	8.21
TOTAL NO. CORE BOXES	0	TOT/ BCR1	AL CORE RECOVERY FOR	THICKN OF OVE BURDE	VESS IR- 33	וח ו	PTH RILLED ITO ROCK 3.0	TOTAL DEPTH OF HOLE	36.0
REMARKS							DATE HOLE	_L	
			ation by driller generally	Started			Completed		
contin	med by	y inspe	ector	<u> </u>		30-70_		7=31=70	
			· ·	1		INSPECTO	JK	Diekma	an
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIA	LS	% CORE	BOX OR SAMPLE NO.	RE/ Ordling time, v weathering, c	MARKS vater loss, dep	oth of
	1.0	26.25	Top Soil		- CKI	1,40.	weathering, e	ic., ii significe	ant)
	6.0	000	CLAY, Gravelly; some boulders, dry, compa	et					
***	8.2	W	GWL CLAY, Gravelly; cons sand, medium firm, m then wet	iderable oist	:		Bailing tes 17'; 5 g.p.		
	21.5	1000					Bailing tes 25'; 15 g.p		
**************************************		4000	GRAVEL, Sandy; grave sand lenses, medium saturated, some clay	loose,			Perforation	ns: 25.01	- 30.0'
	30.3	10.0.			Ì				
	33.0	///	CLAY, Silty; dry SHALE; then poorly c sand stone	emented					
	-		Bottom of Hole			1			
			Casing left in place	:			See additi		t for
			·						
-									6 NTL 122

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Page ___of____

County Laclatin

Twp. 65 Rge. 4E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Buck Edgar L	4m 2	3237	_
7	Corlect Housed Mr.	12 Nr4	1368	
	Karot Rauch			
1.	Orleen Harold M.Y	272	2302	
<i></i>	Jakley Cother J.	11 11	200	
,	7	11 W4	1367	
	Carlsen Harald Mr.	<i>11 4</i>	1207	
	Kerst Ranch	2 W 2	1200	
'_ _	Dale James A.		2095	
<u>/</u>	Gelsey Jim & Marie	1m2	3199	
	m Jusire Jack & mary	222	2997	<u> </u>
	Miller Died H. and	272	2181	
	Meller Barne S.	 	<u> </u>	
1_	Meles Sternas	172	3377	
	United States of Orience	12-11-4	726	
1	Richs Wayne	112	1239	
12	Duran EJ. a Isabelle	12m3	948	
12	Mc Cracken Florence m.	DW2	1026	-
12	T. a. 4	9-N2	1027	
10	Seilel Rapert Carl	9W2	2986	
100	Seifel ann m.	2112	2700	
	mc Cuker J. Jon	473	100	
22			665	
22	mc Cusher & Jan	3m2	2146	
2/	Van Dyken Garrett	21/1/	1874	
31	Carey medical La	11/2	3193	
	Jarrey austin n.	 		
31	Thereland mark	12m2	3/05	
3/	Hentapeter Barbera R.	22	2984	
31	Thitspeter Berbara R.	242	23/3	•
3/	Laurence S. A.	2713	1861	<u> </u>
3/	Laurence Larry L. and	173	2101	+
	Laurence ann J.			
3/		273	1865	- +
	mente Edna Bill m		307-2	
3		2012	3243	
[Rehm Beine I	1	1237 <u>0</u>	
3	H.W. Roberton and	12 300	2303	_
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13			2305	
1-	Kakertson Blancke Mr			
3			3242	
31		127 3	3241	- [
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31	Mand Licello B	2713	2301	
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l	* <u>1</u> . :			-

New York Company	Lance to the state of the state			
			County	
Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
32	The state of the s	2 mit	1257 -	-
	Benolken Verna		, , , ,	
21	Dawes madaline	44 - 4		
12-	Laure Madalere	MM2	2303	
32	Vice Douther m.	273	2321	_
32	Spedies Chapel Corp.	57mag	98 -	
53	Valence On	57 Mel Log		
	giron A		922	
33	Karins Earl S.	374	1992-	-
 	 			
		 	 	
				
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65-4E
County Gallagin

DRILLER'S LOG

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD 111 19/3 Indicate the character, color, thickness of strata such as soil, clay, sand, notice of completion of groundwater partient of naturative, shale, sandstone, etc. Show APPROPRIATION BY MEANS OF WELLURGES AND CONCERNATION depth at which water is found and height to which water sizes in mall

	Devei	oped after	January	1, 1962				neigni	IO WINC	Maler 119	ea III. Wolk	
(Under Ch	apter 237	Montana Se	ssion L	ws, 1961, a	s amende	d)	Top of	Ground	l	(Elev. above	sea level)	100
his form to							From (Feet)	To (Feet)			in in the second that the seco	
hich the w	rell is locat	led, last co	by to be	retained by	y driller.	`	_0_	16	Clay	h Rock	Annakangan	
rm may b			applicat	ole, so state,	otherwise	the	16	26	CLAY	Boulad C	keyel	wal fire
wner	dgar L.	Burch		For Adminis	strator's Us		26	31	Clay	b Grove	yeşasınığı Tari	3332.8)
ddress	25 W. Ha	in St.)—:	. 323			31		Rock			
		ont. 597.			30,197	3						
ate well st	tarted Ap	M1 25.			30 A.D							
			i			- 1						
pe of wel	Dr.11	l.ed						1				
		hurn Dr		, driven, bored o	r drilled)			<u> </u>				
quipmeni	useu		(Ch	urn drill, rotary	or other)	•••••						
/ater Use:	Domestic	Mun Mun	icipal 🔲	Stock 🗀	Irrigatio	on 🔲						
Indu	istrial 🗀	Drainage	C) Oth	er 🗆 * G	Sarden/Law	vn 🔲			 -			
Describe .												
ISE: If use	ed for irri	gation, ind			other. Ex			+	 			T.
state :	number of	acres and	location o	or other dat	a (i.e. Lot,	Block		1				7
and A	Addition)											1
STIMATED	ANNUAL	WITHDRAW	/AL	100 mm (1700 mm m	0 day 40 day 40 da 60	•						7
Size of Drilled	Size and Weight of Casing	From (Feet)	To (Feet)	P	ERFORATION	is						-
Hoie	of Casing		(2 00)	Kind Size	From (Feet)	To (Feet)	-					7
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					vel packing							
Lot 4.	Karet ^s Su	bdiv. No	. 2 pac	kers, type	of shutoff)							\dashv
SE 1	NE NE	Sec 1	*****			·····						
T. 68	N R.	Sec. 1. 413.	E									
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				/]
Driller's A	Address	2103 Ex	idger	urivo			1					!
					SE NO17)		31	5 Sh	ow exact o	depth of bott	om

3237

State of Montana
County of Gallatin
Filed Now 30, 1973
at 9:36 o'clock 7 M.

County Clerk & Recorder
By Carl Seachy

Dept:ty
Fee \$ 202 pt.

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	Approved Stock Porm-State Publishing Co., Helena, Montana-42234
le No	T 68 R 48
	County Gallatin
UPLICATE	STATE OF MONTANA
ADMI	NISTRATOR OF GROUNDWATER CODE DECEMBER
	OFFICE OF STATE ENGINEER
Declaration	of Vested Groundwater Rights
	Chapter 237, Montana Session Laws, 1961 TALE LIVELINGER
	Karst Ranch
Harold W. Carlsen, doing	physiness as of Gallatin Gateway (Town) (Address) (Town)
(Name of Appropriate County of Gallatin	(Town) (Address) (Town) State of Montana 1 1000 or fellows
have appropriated groundwater acco	ording to the Montana laws in effect prior to January 1, 1962, as follows:
N	
	The beneficial use on which the claim is based a guest ranch, commercial operation, cafe, bar & household,
	and irrigation.
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been
	E
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)980 gallon per hour
X	5. If used for irrigation, give the acreage and description of the lands
Lot 2	to which water has been applied and name of the owner thereof Used to 1rrigate about 3 acres in Karat
14 Sec. 1 T. 68 R. 4B	Howestead Entry, By Sec. 1, T6S, R 4 E. Gellanta County. Harold W. Carlsen
Indicate point of appropriation and place of use, if possible. Each	
small square represents 10 acres.	The means of withdrawing such water from the ground and the loca- tion of each well or other means of withdrawal springlocated
	in SE corner of Lot 2, from there water pipe
	to homestead location.
	completion of the construction of the well, wells, or other works for with
drawn of Broundaries	line first completed about 1910.
8. The depth of water table	urface
,	he type, size and depth of each well or the general specifications of any other
	ndwater. pipe line is about 1000 long; at spring is.
wooden spring box with	overflow control.

	water withdrawn each year2,000,000gallong
11. The log of formations encountered	d in the drilling of each well if availablenot. available
•	
	tilar nature as may be useful in carrying out the policy of this act, including by county record
	A
reference to book and page of an	1
reference to book and page of an	A.J
reference to book and page of an	A.J
reference to book and page of an	Signature of Owner Aralilli Carles

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 (County of Gallatin

Cand William

COUNTY CLERK & RECORDER

By Stelma DEPUTY

Fee \$ 200

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	Static Water Level	(Unde Harold	r Chapter 237 W. & Esther	Montani J. CAR	Session L LSEN	aws, 1961, as am Canyon Rout	
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		Driffer‡01	CCS. LETTIN	g. andu	\$¥.Address	R.#1.Boze	ner, Hontari
_	12 - 22 feet	Date of Noti	ice of appropri	iation of g	roundwater		
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L	22 - 27 feet Sand and Gravels	(1	Dug, driven, bor	ed or drille	d)	(Churn drill,	rotary or other)
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This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

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

Driller's License Number

Hufut a Potts

Driller's Signature.

SELECTIVE TO STANTA OF SALE Tap at Craned Cobast Land on . Sevel non extents (section) #1302 State of Montana
County of Callatin
Filed County (4)
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PLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Right (Under Chapter 237, Montana Session Laws, 1961) (Name of Appropriator) County of Gallatin Nave appropriated groundwater according to the Montana laws in effect prior to James and irrigation. 2. The beneficial use on which the claim is become constructed and irrigation. 3. Date or approximate date of earliest ben out the use has been applied and irrigation. 4. The amount of groundwater claimed (per minute) 2000. gallon perceptation and place of use, if possible. Each nall square represents 10 acres. The date of commencement and completion of the construction of the well, well drawal of groundwater. well. dug. in 1905. and completed same. Yellows for the withdrawal of groundwater. well cased with 4. Spot. at of 12 feet, concreted, and 12 pipe with sand point. The estimated amount of groundwater withdrawn each year 5,000,000. gall. The log of formations encouncered in the drilling of each well if available.	JAN 16 1964 IS ENGINEER LatinGateway (Town)
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Three copies to be filed by the owner with the County Clerk and Recorder of the count	policy of this act, including

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 Country of Gallatin Ss.

Filed /Z - 30, 1963

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	Fop of Ground	OFFICE OF	F GROUNDWATER CODE STATE ENGINEER
- 2 -	(Elev. above sea level. Dickert	Susyan OFFICE OF Comple	tion of Groundwater
一判		Appropriation	by Means of Well
_5		·	TER JANUARY 1, 1962 Montana Session Laws, 1961)
- 10	Gravel & Bouldons		Address Cairo, Illinois
-/2			Address Boz-mi 72
- 19		Date of Notice of appropriation of	
->0		Date well started	Date completed 7749.
- 2 ²		Type of well (Dug, Driven, bored or drilled)	Equipment used (5,1,7) Dr. //
-26	Tinht Sand	Water use: Domestic Musical Dr Dr	nicipal 🔲 🦪 Stock 🔲 Irrigation 🔲
- 26	Gravel	Indicate on the diagram the ch	aracter and thickness of the different strata clay, shale, gravel, rock or sand, etc. Show
_ 33	672vt/	depth at which water is encountere strata and height to which the wat	d,"thickness and character of water-bearing
-37			
		Size of Drilled Weight Hole of Casing (Foot)	Kind From To
-		6 2.7.87 Grand	None
-			
-	•	м ;	Static Water Level for non-flowing well
			Shut-in Pressure for Flowing Well
, -			Pumping Water Level 28 5 feet
-		W	atgal. per minute. Discharge in gal. per min. of flowing well
		X	How Tested 521/7-
	Lot 5, Hord Su	boliv # 1 5	Length of Test
-	• •	= 1/4 Sec 1 T 6 S R 4/5	ers, type of shutoff)
		Indicate location of well and place of use, if possible. Each	
		small square represents 40 acres.	
-		***************************************	(Continue on reverse side)
		USE-If used for irrigation, in	idustrial, drainage or other. Explain, state ion or other data (i.c.: Lot, Block and Addi-
		tion).	
-		%*************************************	**************************************
لـــــا	Show exact depth of bottom.	\$144300000000000000000000000000000000000	
ML2 A	u to be managed by Juffice and there is	onion to he filed has the same with the	
County C		opies to be filed by the owner with the ch the well is located, tissue copy to be	Driller's License Number
	-	, so state, otherwise the form will be	Milton E. Janes
returned			Driller's Signature

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FALS 359 DEBITEVLE And of General preferance erose reff. Same and a o, to some area cana Mary Branch Commence of the Co State of Montana County of Gallatin Filed May at 11:30 OF SACE OF THE SACE AND

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I upe ot well 1	CEIVED	Approved Stock Form	1.0	ig Co., Helena, Mo しら R	100	39 03
5	MAR 9 1973		de de	tyGulla		1
Type of well? Equip used: Inoter Use?	A DEPARTMENT OF NATUR	STATE OMINISTRATOR OFFICE OF	OF MONT	ana Dwater c	34 b. 57	
vater Use	Notic	e of Compl	A STATE OF THE PARTY OF THE PAR	ACAD.	dwate	r ,
,	Ap	propriation DEVELOPED A	by Me	ans of	Well	
	Œ	nder Chapter 237,	Montana, S	1.15	The state of	, , , , , , , , , , , , , , , , , , ,
	OwnerJim	. Harie Kelsey	Addre	Canyon ssGalleti		₹
	clay DrillerHarol	d Hulbert	Addre	88RtIBe	ozeman,	Mont
	water Date of Notice					
	Date well starte	d-Oct 2, I96	3Date	completedQ	ot 4. I	83.0
	Type of well	, driven, bored or dri	Equipm	ent used	drill, rotary	or other
	Water use:	Domestie 🔲	Municipal [☐ Stock	Irri	
_	Indicate or	Industrial 🗀 the diagram the c	Drainage [haracter an			ent straf
<u></u>	met with in dr depth at which	illing, such as soil, water is encounted ht to which the wa	clay, shale, ed, thicknes	, gravel, rock ss and charact	or sand, e ter of wate	tc. Sho r-bearin
- 1	Size of Drilled	Size and From Weight (Feet)	To (Feet)		FORATIONS	
_	Hole	of Casing	}	Kind Size	From (Feet)	To (Feet)
-	7 *	I9 15 2	above		1	
-		8/5/8 9. D.	24		None	
	1	<u> </u>	Static Wa	ter Level fo	r non-flo	wing w
					<u>I</u> 7	
-		1 1 1				
Doc. No. 3199		-		essure for Flo	-	
Doc. No. 3/99 Filed for record	w w	E	Pumping	essure for Flo Water Level. I2 ga	<u>94</u>	f
this 3rd day of 20	PARCH W	E	Pumping at	Water Level.	24 l. per min	f
- Flied for record	DARCH W	Ε	Pumping at Discharge	Water Levelga in gal. per r	l. per min	ute.
this 3rd day of 20	1:545.		Pumping at	Water Level. 12 ga in gal. per r	l. per min nin. of flo	ute.
this 3rd day of 20	Karata Subdivis	ion #2	Pumping at	Water Level. I2 ga in gal. per r d. Pump & Test. 2 hr (Gravel pack)	l. per min nin. of flo baile: s pump s bail: ing, cemen	ing ting, pa
this 3rd day of 20	Karets Subdivis	ion #2	Pumping at	Water Level. 12 ga in gal. per r	l. per min nin. of flo baile: s pump s bail: ing, cemen	wing wing wing wing wing
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County.... "Gallatih

TOG	TESTURES AND COMPANY ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER
200	PESCHREES AND COMPANY ADMINISTRATOR OF GROUNDWATER CODE
1	OFFICE OF STATE ENGINEER

Top of Ground	OFFICE OF STATE ENGINEER
(Elev. above sea level)	Notice of Completion of Groundwate
0-2 clay Rock 8-6 clay 6-8 rock 8-10 rock 10-14 clay & rock	Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1982
6-8 rook 8-TD rook	(Under Chapter 237, Montana Session Laws, 1961)
IO-I4 clay & rock	Canyon Route

14-16 gravel & water 16-17 gravel rook & 17--29 rook rook & clay Briller Harold Hulbert Address Rt I Bozeman, Mont 29-30 gravel sand & water Date of Notice of appropriation of groundwater.....

28 Bottom of well Date well started Oct 2. 1968. Date completed Oct 4. 1968.

(Dug, driven, bored or drilled) Type of well... (Churn drill, rotary or other) Domestic | Municipal | Stock | Irrigation | Water use: Other [] Industrial | Drainage |

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 Drilled	Size and Weight	From (Feet)	To (Feet)	1	PERFORATIONS	1
Hole	of Cating	(Kind Size	From (Feet)	To (Feet)
7 *	19 11 6/5/8 9. D.	2 ai	ove 24		None	

		1	N	
Doc. No. 3199 Filed for record				
this 32 day of 27ARCH W D 19 73 at 10:45.	Po Ab d		5 #0	

Static Water Level for non-flowing well ----I7 Shut-in Pressure for Flowing Well... Pumping Water Level......24 at ____gal. per minute. Discharge in gal. per min. of flowing well

How Tested Pump & bailer

Length of Test 2 hrs pumping Indicate location of well and place of use, if possible. Each small square represents 40 acres.

2 hrs bailing Remarks: (Gravel packing, cementing, packers, type of shutoff)......

.(Continue on reverse side) -If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

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

Driller's License Number Marold B.
Driller's Signature.

Character.

e f T

State of Montana
County of Gallatin
Filed

TO:CJ o'clock A.M.

County Clark & Recorder

By

County Clark & Recorder

By

Deputy

Deputy

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**	GW	2 Revised	1969

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٠, ٠		County	************

1 1969	Transfer to the second	6
STATE OF MONTANA	MONTANA WATER RESOURCE	BOARD

ADMINISTRATOR OF GROUNDWATER CODER E CE IVED DRILLER'S LOG

ADMINISTRATOR OF GROUNDWATER CODER E CE IVED Indicate the character, color, thickMONTANA WATER RESOURCES BOARD

TO SECOND STATE SUCH AS SOIL, clay, sand,

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OF OF COMPLETIONS OF CROUND STATE SUCH AS SOIL SHOWN

DRILLER'S LOG

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Describe .	• • • • • • • • • • • • • • • • • • • •			····	••••••			┼	+	
USE: If use	ad for irrig	gation, inc	justrial,	drainage or	other. Ex	plain,	 	 		T
state	number of	acres and	location	n or other da	ta (i.e. Lot,	Block		†		
and A	Addition)	••••••	. 		*******	**				
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ESTIMATED	ANNUAL	WITHDRAY					}	+		
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Drifted Rote		Freez (Feet)				To (Feel)				
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Show exact depth of bottom