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County Clark and Re-officio Recorder of GLACIER COUNTY, MONTANA

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•	Approved Stock Form-State	Publishing Co., Helena, Montana-39089
No		T 33/R 5"
	STATE OF MONTANA USTRATOR OF GROUNDWATER OFFICE OF STATE ENGINEER	
Declaration	of Vested Groundwa	ater Rights NGINEER
$(D(1) \cap C_{+})$	Chapter 237, Montana Session Law 202	
	cording to the Montana laws in eff	ect prior to January 1, 1962, as follows
· ·	2. The beneficial use on which	the claim is based. Househole
R	·	of earliest beneficial use; and how con while 1957 — Used long
	4. The amount of groundwate per minute)	r claimed (in miner's inches or gallo
14 SE Sec 17 T 33NR 5 W	5. If used for irrigation, give to which water has been a	the acreage and description of the land
licate point of appropriation I place of use, if possible. th small square represents 10 es.	location of each well or ot	g such water from the ground and the means of withdrawal
The date of commencement and codrawal of groundwater	muletion of the construction of the	e well, wells, or other works for wit
The depth of water table		
	type, size and depth of each well of dwater.	or the general specifications of any oth

11. The log of formations encountered in the drilling of each well if available Was available

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

Signature of Owner.

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

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

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

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County Clerk and Exclinic Recorder of CLACER COUNTY MANIANA

SOUTH STATEMENT OF THE PROPERTY OF THE PROP

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	ilshing Co., Neleva, Montana—19876 A
DUPLICATE	T. 33 N ROMANNA 10876 T. County J. La C 12 T. County J. La C 12 T.
STATE OF MONTANA ADMINISTRATION OF GROUNDWATER CO	
OFFICE OF STATE ENGINEER	ULL SEP 26 1963 .
Declaration of Vested Groundwater (Under Chapter 237, Montana Session Laura, 19	r Rights ENGINEER
(Name of Appropriator) County of State of AC Management of the Montana laws in effect	CHT Bank
(Name of Appropriator) (Address) County of State of Apropriator	Tana (Town)
have appropriated groundwater according to the Montana laws in effect	prior to January 1, 1962, as follow:
2. The beneficial use on which the	claim is based water broads
3. Date or approximate date of e	thest beneficial use; and how con-
wer aince	
per minute) 2 gal	anced (in miner's inches or gallons per Musicalta
5. If used for irrigation, give the to which water has been appli	acreage and description of the lands ed and hame of the owner thereof
SELSE TT TBURSW NOT APP	lica b L s.
There are a direct representation to	ch water from the ground and the means of withdrawal
7. The date of commencement and completion of the construction of the w drawal/pa groundwater	ell, wells, or other works for with-
8. The depth of water table. Let	
9. So far as it may be available, the type, size and depth of each well or physocks for the withdrawal in groundwater	•
The hork will Ble Fire	Litte a state
10. The estimated amount of groundwater withdrawn each year	
17 The log of formations excountered in the drilling of each well if availa	.ble
vot a vai	2 b L E .
12. Such other information of a similar nature as may be useful in carrying reference to book and page of any county record	
to the transfer of the transfe	mation.
	EARL R. COPELAN
	Date 9-23-63
Three copies to be filed by the owner with the County Clerk and Recorder located.	of the county in which the well is
Please answer all questions. If not applicable, so state, otherwise the form w	
Original to the County Clerk and Recorder; duplicate to the State Engineer of Mines and Geology, and Quadruplicate for the Appropriator.	r; Triplicate to the Montana Bureau

G A	Approved Stock Form—State Publishin; Co., Fielena, Montana—35385 at a 3
File ?	No. T 33 N B 5 W.
DUP	No
	ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER 10 ECESVE 11 18 1953
	Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER
	(Under Chapter 237, Montana Session Laws, 1961)
1	Sichard + Kith Kossman, of Box 321 Cut Bank
	(Name of Appropriator) (Address) (Town) County of January 1, 1962, as follows:
	N .
-	2. The beneficial use on which the claim is based TREES. Household, yard, Further testock
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been N ARO b. 1956
-	Continually
	4. The amount of groundwater claimed (in miner's inches or gallons per minute)
-	
	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NE:	Sec 17 T33 R5W Tichard + Rush Rassman
and	place of use, if possible.
Each acres	small square represents 10 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
a. a	The date of commencement and completion of the construction of the well, wells, or other works for with- irawal of groundwater
0 11	The depth of water table 220 feb
	<i>,</i>
	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.
	Pumpel with risks tiling with pump gack
••	
10. 7	The estimated amount of groundwater withdrawn each year 50 000 gald
11. T	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
••	
	Signature of Owner to Jasoman
Three locate	e copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is ed.

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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Me No	D					T 33 7 R 50
	CATE					County County
•	Notic	e o	i Cor			STATE OF MONTANA ISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER STATE ENGINEER STATE ENGINEER of Groundwater Appropriation Without Well
				(Uı	eder	Chapter 237 Montana Session Laws, 1961)
						Date of Appropriation of Groundwater
						Contractor (if any) Getter trucking built Swarreir
				•		Address of Contractor Out Bank, Montana
						Date Started 56. 1942 Date Completed August, 1942
	<u> </u>	3	r		 1	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
			-+-	-	+	water when applicable. Spring would file periodically
				+	+-1	before recessir was build, since bailding recessed
	$\neg \vdash$	•	2	1	+	it flows continuously.
					1	
		<u> </u>				Quantity of water developed and used with explanation of meth- od used to measure or estimate such amount. If use is intermit-
434		! !!	1. T.	la .	-	
ndicat	e poin ace of	t of	appı	opri	ation	tent estimate approximate lengths of periods of use

Signature of Owner.

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

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

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

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

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File No		T 33 R 5 West
DUPLICATE		County Glacier
AI	STATE OF MONTAN. DMINISTRATOR OF GROUNDY OFFICE OF STATE ENGI	VATER CODE SELECTION OF 16 1962
Notice of Compl	ction of Groundwater App	STATE ENGINEE Propriation Without Well
(U	nder Chapter 237 Montana Sessio	on Laws, 1961)
zel B. Selby gie B. Nomland dene Barrington hel B. Macdonald		Groundwater January 1912.
ner 3. macconard,	Contractor (if any)	none
ner 3. macconard,	Contractor (if any)	none
nel 3. Macdonald,	Contractor (if any)	Date Completed X
	Contractor (if any)	none
	Contractor (if any) Address of Contractor Date Started X Describe means of obtain sub-irrigation and other water when applicable small netural spr	Date Completed

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

Signature of Other Matter Machanalt

Date Oct. 15, 1962,

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

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

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

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

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File	No	

DUPLICATE

T. 33 N R 5 V

Courty.....

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

MECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1981)

STATE ENGINEER

union oil company of called		Let Bank
(Name of Appropriate		(Town)
have appropriated groundwater lows:	according to the Montana laws in effect p	rior to January 1, 1962, as fol-
и	2. The beneficial use on which the confidence in	
	water and boiler feed water 3. Date or approximate date of earlie). Domestic (twelve cotte
	tinuous the use has beenFromi	932continuouslytethe
B		
	4. The amount of groundwater claim per minute)	
8	If used for irrigation, give the a lands to which water has been a	creage and description of the oplied and name of the owner
	thereof	
4 Sec T R dicate point of appropriation		
dicate point of appropriation and place of use, if possible.	6. The means of withdrawing such v	vater from the ground and the
ich small square represents 10	location of each well or other mea	· · · · · · · · · · · · · · · · · · ·
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	warm.filmd.with.SimilerCou	
The date of commencement and drawal of groundwatersas	wara.filed.with.filecierCou in December, 1961) completion of the construction of the well, .attached.copies.offour.welliogs.	wells, or other works for with-
drawai of groundwater	wara.filed.with.filecierCou in December, 1961) completion of the construction of the well, .attached.copies.offour.welliogs.	wells, or other works for with-
The depth of water tablesee So far as it may be available, the other works for the withdrawal	in December, 1961) completion of the construction of the well, attached copies of four well ings. attached copies of four well ings. e type, size and depth of each well or the of groundwatersee attached copies.	wells, or other works for with- general specifications of any of four well logs.
The depth of water tablesee So far as it may be available, the other works for the withdrawal	in December, 1961) completion of the construction of the well, attached copies of four well ings. attached copies of four well ings. e type, size and depth of each well or the of groundwater see attached copies.	wells, or other works for with- general specifications of any of four well logs.
The depth of water table	in December, 1961) completion of the construction of the well, attached copies of four well ings. attached copies of four well ings. e type, size and depth of each well or the of groundwater see attached copies.	wells, or other works for with- general specifications of any of four well loss.
The depth of water table	in December, 1961) completion of the construction of the well, attached copies of four well logs. ettached copies of four well logs. etype, size and depth of each well or the of groundwater see attached copies.	wells, or other works for with- general specifications of any of four well logs.
The depth of water table	in December, 1961) completion of the construction of the well, attached copies of four well ings. attached copies of four well ings. e type, size and depth of each well or the of groundwatersee attached copies.	wells, or other works for with- general specifications of any of four well logs.
The depth of water table	in December, 1361) completion of the construction of the well, attached copies of four well logs. etype, size and depth of each well or the of groundwater see attached copies. dwater withdrawn each year 125-150 july ed in the drilling of each well if available armation	wells, or other works for with- general specifications of any of four well logs. illon gallons the water horizon.
The depth of water table	in December, 1961) completion of the construction of the well, attached copies of four well logs. attached copies of four well logs. e type, size and depth of each well or the of groundwater see attached copies. dwater withdrawn each year 125-150 integration withdrawn each well if available matter as may be useful in carrying out my county record. Mone other than they	wells, or other works for with- general specifications of any of four well logs. illen gallons the water horizon. the policy of this act, including actoched well logs.
The depth of water table	in December, 1961) completion of the construction of the well, attached copies of four well logs. attached copies of four well logs. e type, size and depth of each well or the of groundwater see attached copies. dwater withdrawn each year 125-150 integration withdrawn each well if available matter as may be useful in carrying out my county record. Mone other than they	wells, or other works for with- general specifications of any of four well logs. illon gallons the water horizon.

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

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

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

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Form No. 18 8-60			т 33 N	R 5	/ ; w
			County_G		
					N A P III
	MONTANA		INES AND GEOI	The state of the s	:
N		Water Wel		STATE E	NGINEER
		1	· · · · · · · · · · · · · · · · · · ·		
	Owner White Of	L COPANY OF	CAL FORMIA Add	iress bex 298	Cut Bank
4	EDriller H.	J. Wilson (Be	Add	ress Cut Ban	<u> </u>
	Date Started	101y, 1952	avedie d Dat	e Completed_	Jely, 1952
	Location: S	Sec. 19 T.	33. N R. 5 V		
Small Division = 100				•	NW/ANE/4 Se
Type of well by (bug	rilled , driven, or drilled) Eq	ui.pment used_	(Churn, drill, r	otary, other)
Water use: Dome	estic	Municipal [Stock _	Irrigati	on
Indust	trial 🗶	Drainage	Other		
Casing: 0	ft. to 251	ft. T	ype # 40	Size 7	1
Casing:	ft. to	ft. T	уре	Size	
Casing:	ft. to	ft. T	ype	Size	, , , , , , , , , , , , , , , , , , ,
Perforated or sc	rcened: Ft	to ft	• 1	tto	ft
Type of screen or	r perforation	15			· .
Static water leve	el, for non-f	lowing well	: 164*		feet.
Shut-in pressure	. for flowing	r well:	1b./sq.		
Shut-in pressure	,				(date)
Pumping water le	vel	feet at		gal. per min.	<u> </u>
How tested:	Well not be	alng pumped at	present		
Length of test					
Remarks: (Grave shu	l packing, ce t-off)	ementing, pa	ckers, type	of shut-off,	depth of
Casing c	emented at 251'			<u> </u>	

but well will probably have to be pumped and water treated in the near future.

Red - Changes for clavification - July 27,1962

Log of Well

Depth	feet	Description of Material Drilled	
From	То		
160		Top of Two Medicine Sand	
249		Top of Eagle Sand	
260		First Water	
249	289	Soft Send	
289	301	Mard Sand (well bottomed et 301)	
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	1		
			·
ينبس ۱۳۰۰ که مسمون			
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	GIACER COUNT	「プング lime」	*
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	NIANA Depu	Double Property of the Propert	7
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	1		

D)ECEIVE MONTANA BUREAU OF MINES AND GEOLOGY [Butte, Montana Barrington STATE ENGINEER WATER WELL LOG Owner Union Oil Company of California Address Box 298 Cut Bank Driller M. J. Wilson (Decasued) July, 1952 Location: Sec. 19 T. 33 N SM) 4 sec... NEYA NWY4 NEY4 Jec 19 Type of well. Drilled.... ed Equipment used Star Spudder (Dug, driven, bored, or drilled) (Chuz drill, rotary, other) Stock Irrigation ____ Water use: Domestic Municipal Industrial Drainage Type......Size.... Type of screen or perforations. Static Water level, for non-flowing well: 1641 Shut-in pressure, for flowing well: ______lb./sq. in. on: ____feet at _____ Pumping water level.... How tested: Well not being pumped at present Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Casing camented at 251 This well pumped at 100 gal. per minute for about two months in 1952. tinued and pump recoved due to sulfur water. Well is capped at present but

well will probably have to be pumped and water traited in the

Red - Charges minde for clarification - July 27 1462

O MEAR FUTURE.

Log of Well

рерш	, feet	Description of Material Pulled
From	To	Description of Material Drilled
160		Top of Two Hedicine Sand
249		Top of Eagle Sand
260		First Water
249	289	Soft Sand
289	301	Hard Sand (well bottomed at 301)
:		
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	<u> </u>	
	9 68 11	T. S. S. L. I. T.
	GLACIER X	
	N O E TO	
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	ollini Rapor X MONIAN	
	7 7 1	

(D. Benish) (D.Whetstone) man**d**amen Township CARTER OIL CO. (H. J (E.C.Robb) (Luella Horgan) S.A. HOLE CARTER OIL CO. A (D.C. Bown **♦3034** ·(State) A.8. C088 & CO. 5 W T 33 011 CQ (KB. Hammand) (J. T. Kile) THE TEXAS CO. CARTER OIL CO. (M. Jacobson) uniono il to, of (5tate) Catifornia Refinery 01L CO. (A. Borringfon) THE TEXAS CO. NW/ANW/ 92 Barris •3 4501/4 11 WK E14 NE 1/4 (KE. Pusturewell Sury Swy Swy NW /4 M (Min (9.6. Hahl-) ď œ (J. Scherren)

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Helena, Me	Publishing C	Form-State	Stock	Approved	
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DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECEIVED OCT 18 1953

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1												ut ba	(Town	
(Count	y of		Glaci	er			St	tate of	Mon	tana.			
1	have i	approp	riate N	i grou	ındwat	er a	ecording	to the Mor	ntana laws i	n effect p	rior to J	anuary	1, 1962,	as follow
[_	<u> </u>				2.	The benefic garden,	ial use on w yard and	which the d	elaim is	b a sed	dwelli	æ
-					-		3.	Date or appointment of the Contin	proximate d use has be	late of ear	rliest be	neficial 2. Has	use; an	d how co
y -	\dashv	$\dot{\dagger}$	-		1 1	-	E	A0111111111111111111111111111111111111					********	
-						X	4.	The amoun	t of ground)5 ga	water cla l per m	med (inute.	a núner	's inches	or gallo
-		_			-	\dashv	_				5 8 6 8 % 8° 8 49 M 5 80 M 5			
L.							5.	If used for to which w Garden	irrigation, pater has be and yard as SE‡N	een applie in name	d and m	name of ertha	the ow.	ner there al de-
SE		-	20	CO.	5 W			acribed	as SETN	etset s	ec. 21), T.3	3N, R.	5 W.
	34	Sec.		133	R			Glacier	County.	Montana	ì.		********	
								Glacier	County,					
indi ind Eacl	cate j place h sma	point e of	of a	ppropr	iation ssible.		6	Glacier The means	County, of withdra	wing suc	h water	from t	he grou	nd and t
indi und Enci ecre	cate j place h sma s.	point e of Il squ	of a	ppropr if po preser	ration ssible. nts 10	and, s		Glacier The means location of Electric	County, of withdreach well of Motor di	awing such or other n riven pu	water neans of mp.	from t	he grou	ad and t
indi and Each acre	cate place h smalls. The ddrawa	point e of ll squ late of	of a use, are re	pproprif po preser mence lwater	ration ssible. nts 10	••••••	ompleti 142 -	Glacier The means location of Electric on of the cocompleted	county, of withdreeach well and the motor distriction of July, 19	wing such or other n riven pu	h water neans of mp.	from t withdrawith or oth	he ground was	ad and t
indi and Each acre	cate place h smalls. The ddrawa	point e of ll squ late of	of a use, are re	pproprif po preser mence lwater	ration ssible. nts 10	••••••	ompleti 142 -	Glacier The means location of Electric	county, of withdreeach well and the motor distriction of July, 19	wing such or other n riven pu	h water neans of mp.	from t withdrawith or oth	he ground was	ad and t
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indiand Each Facre 7.	The ddrawa	point e of ll squ late of late of lepth r as in	of a use, are referenced to the within the windicate which will be within the within the within the within the	ppropries possesses the second	ment a Ma	40' e, the	e type,	Glacier The means location of Electric on of the co- completed	county, of withdreach well and another distriction of the search well and the search well and	or other notiven purious of the well 42.	water neans of mp.	from t	he ground waler work	s for wit
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indicate ind	The ddrawa The ddrawa The dTrawa The dTrawa	point e of e of ll squ late of late of lepth r as in for the	of anse, are referenced to many the without the withou	mence dwater ter to be a thdra-	ment a Ma wailable of greeness	e, the	e type, andwater water v	Glacier The means location of Electric on of the completed size and dep Drilled	county, of withdree each well motor di nstruction yuly, 19 th of each well = 5	wing such of other number of the well or the casing	genera 2 tu	from t	he ground was a strong of the ground was a stron	s for with
7. 8. 9.	The d draws The d So far works The e The l Hui Sec	point of of ll squ late of lat	of a use, are reader of water	mence lwater to be a stindra mount tons and partions are particularly and partions and particularly and particul	ment a Ma wailable 3' vailable wal of great stan 3 N	40° e, the ground ound ound Right Ri	e type, andwater water w	Glacier The means location of Electric on of the coompleted of the completed size and deport of the completed of the completed of the complete	county, of withdreeach well motor di nstruction July, 19 th of each well ch year 2 the on Ni County.	wing such of other number of the well or the casing	water leans of mp. l, wells genera 2 tu O gal. ec. 20	from to withdraw, or other specific bing -	he ground was a strong of 350 bc	s for with
7. 8. 9.	The d draws The d draws The d So far The e The e Such refere	point e of all squadate of all	of a use, are read of water to may he with the window information of book	mence lwater to be a situations contained and it an	ment a Ma wailable of greencorr Stan	40' e, the ground ound ound Rg simil	e type, and water	Glacier The means location of Electric on of the completed size and dep Drilled withdrawn care drilling of Glacier cas may be	county, of withdreach well and a struction of struction o	wing such of the well or the casing	water neans of nip. l, wells genera Z tu O gal. le Sim ec. Z	from to withdraw, or other specific bing -	he ground was a stions of 350 bo	s for wit

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.

punty Clerk and Exofficto Recorder of GLACIER COUNTY, MONTANA

County BLACIER MONTANA BUREAU OF MINES AND GEOLOGY ECEIVE CONVIGEUX #2 STATE ENGINEER WATER WELL LOG Union Of Coupany of California Address Son 298, Cut Bank M. J. Wilson, (Deceased) .Address. Driller.... Date Started Mar. 1945 Date Completed May 12, 1945 Location: Sec. 21 T 33 N R W 1/4 sec. SW/4 NW/4 NW/4 SEC 21 Small division = 10 acres Type of well...... Or 11.1ed.... Equipment used... San! 1 Star 1 and 1 -Water use: Domestic Municipal Stock Irr gation Industrial X Other:..... Drainage ft. to. **296** ft. Type Size Type...... Size...... Casing: _____ft. to._____ft. Type......Size..... Casing: ft. to ft. Static Water level, for non-flowing well: 250 Shut-in pressure, for flowing well: _____lb./sq. in. on: _____(date) Pumping water level 251 feet at 20-85 gal per min How tested: Timed Into 54 gallen drum Length of test. Three or four tests of shout 40 secends duration Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Ces ing cemented at 296' . Red-Changes made for clarification - Idy 22 1962

(over)

Depth	feet	Description of Material Drilled
From	То	
300	308	Nain Water - Virgelle member of Eagle Sundstone Formation but colored sandstone and shalf sand stone
	311	Total depth
		e de la companya del companya de la companya del companya de la co
		This Well is Known as Corrigeor Well #2 and is
		pumped by means of a 45 H Wavkeshu 6 cyline
		gus engine through a viglit angle geur box which
		turn votates a water lubricated I" open line s
<u> </u>		In a 4" pipe column - the shaft is connected
		a 35 stage closed impellar bottom hole pun
		vuit
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County......SLAC-SER-

MONTANA BUREAU OF MINES AND STORE IVE DE 1961 Butte, Montana COURTGEOR #3 WATER WELL LOG STATE ENGINEED

N		•	STATE	INGINEER	
	Owner Water QII	Campany of California	Address	Dax 258, Cut 80	<u></u>
y 0 2	Driller M. J. Wils	on, (Decessed)	Address	Cut Bank	
1 2 1	Date Started	1. 1946	Date Com	April 11,	
tand .	Location : Sec	T. 33 H R SM 1	4 sec	M. 101	#+++++++++++++++++++++++++++++++++++++
Type of well Dril	~ ~ ~ · · · ·				
Type of weit	(Dug, driven, bored, or drille	Equipment used.	(Chur	n drill, rotary, other)	***************************************
Water use: Domestic	Munici	pal Stock		Irrigation .	
Industrial	X Drains	age Other:	***********		16 -
Casing: 0	ft. to	t. Type iiii0	Size	. <u>7!!</u>	
Casing:	ft. to	t. Type	Size		*********
Casing:	ft. to	t. Type	Size	***********************	
Perforated or Screened	: Ft to	ît Ft	**********	to ft	
Type of screen or perfor	rations 17.017.5	······································		*************	1042-0000-00
Static Water level, for i	non-flowing well:2	i 3			feet.
Shut-in pressure, for f	lowing well:		n:	(date)	12.0000000000
Pumping water level	251	feet at		(
		drama			
		of about 40 minutes 4		•	
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Remarks: (Graver pac		ers, type of shul-off, depti	n or small-our		
	ting gamentad at 25		******************************	************************************	****
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Ked Stranger	d made tor cl	extraction - Vel	yZ.7,1.2.6.18		
•		(over)		***************************************	

Log of Well

		Log of Weil	
Depth,	feet		
From	То	Description of Material Drilled	
0	2991	Two Medicine Formation - greenish gray clay Top of Eagle Sandstone	
299	343	Well bottomed - Virgelle member of the Eagle Sunds	4 one
		Formation - 4 but colored sandstone and shaly	
		sand stone - water bearing formation	
		The well is Known as Corriger Well #3 and	
		is pumped by means of a 45H Wanke-ha &	
		cylinder que rugine through a right ungle geur	ı
		box which in turn rotates a water lubricated	
		1" apen line shuft in a 4" pipe column - the	n K
		bottom: hole pumping unit	PRUV
		Danies pointing bear	
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	order di	F & 5: 17 F	

Form No. 18 8-60 County______ MONTANA BUREAU OF MINES AND GEOLOGY
Butte. Montana DECEI M CORRIGEUX # 1 Water Well Log STATE ENGINEER Owner Wish oil Company of CALIFORNIA Address Sex 298. Car E Driller R. J. Vilsen (Secessed) Address Out int Date Started May, 1945 Date Completed Mar 12. 1945 Location: Sec. 21 T. 33 N R. 5 V 4 sec. White SWIA NWIA NWI SECEL small division = 10 acres Small Star smudder (Churn, drill, rotary, ether) Type of well Orilled (Dug, driven, or drilled) Equipment used_ Stock Irrigation Domestic Municipal Water use: Industrial X Drainage Other___ __Size___7" Casing: ft. to 296 __ft. Type_ Casing: ft. to ft. Size_ Туре_____ ____ft. ____Size_ ____ft. to___ Type____ Perforated or screened: Ft. to ft. Ft. to ft. Type of screen or perforations Mone Static water level, for non-flowing well: 250 Peet. Shut-in pressure, for flowing well: ____lb./sq. in. on:__ Pumping water level 251 ____feet at_10-63 ___gal. per min.__ How tested: Timed into a 54 ual ion drum Length of test Three or four tests of sheet; 40 seconds duration (Gravel packing, cementing, packers, type of shut-off, depth of Remarks: shut-off) Con Ing. commend at 2951

(over)

Red - Change for downfront in - July 27, 1962

Log of Well

From	То	
0	300	Two Medicine Fernation - greenish gray alay
900	308	Virgolio number of the Eagle Sandstone Formstian - a haff colored s
		and shely sandstons - water bearing formation
	311	Total dapth
		This well is known as Corrigous Well #2 and is pumped by means
		of a 45 MP Wauthusha 6 cylinder gas engine through a right engin
		goer ben which in turn retutes a water lubricated in open line
		shift in a 4' pipe column - the shoft is connected to a 35 stage
		cioned impollar bottom hole pumping unit.
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	8	R 81 1 E
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	N SO	S.A. o'cho
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	+	<u> </u>

Form No. 18 8-60 County CLACIER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana CORRIGEUX # 3 STATE ENGINEER Water Well Log Owner union by company of cal frontia Address for 70% Cut Bank Driller M. J. Wilson (Decemped) Address__ Date Started April, 1949 Date Completed_ 4 sec. SW SW WW Location: Sec. 21 T. 33 N R.55W SW145W14 NW14 SEC 21 small division = 10 acres Type of well Orilled (Dug, driven, or drilled) Equipment used Small Star spudder (Churn, drill, rotary, other) Water use: Domestic Municipal Stock Irrigation Industrial X Drainage Other__ N 40 Size 7" Casing: 0 ft. to 299 ft. Type_ ft. to ft. Casing:____ Type_ ____Size_ Type____Size_ __ft, to_____ft. Perforated or screened: Ft._____to ft._____ to ft._____ to ft.____ Type of screen or perforations NOME 250 Static water level, for non-flowing well:____ feet. Shut-in pressure, for flowing well: _____lb./sq. in. on:___ 80-85 251 Pumping water level_ feet at__ _gal. per min.___ How tested: Timed into 54 gallen drums Length of test Three or four tests of about 40 minutes duration. Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Casing camented at 299'.

(over)

Red- Changes for clarification - July 27, 1962

Log of Well

Depth	feet	Description of Material Drilled
From	То	
0	239	The Medicine Formation - greenish gray clay
199	343	Virgalle number of the Engle Sandasane Formation - a buff colored
	,	sendstone and shely rendstone - water bearing formation
		This well is known as Corrigoux Well #3 and is pumped by marine of
	: **	a 43 MP Weshacks 6 cylinder gas engine through a right engin water
		ben which in turn retains a natur lubricated in spon line shaft in
	a y y	a 4" pipe column - the sheft is connected to a 35 stone closed inpu
		bettem hale pumping unit.
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	-	Approved Stock Form-State Publ	lishing Co., Helena, Montana—39089
e No		•	T 33 R 3
PLICATE	CM A I		County Glasier
	ADMINISTRATO:	TE OF MONTANA R OF GROUNDWATER COI OF STATE ENGINEER	DECEIVED MAR 11 1963
	Declaration of Vo	ested Groundwate 37, Montana Session Laws, 19	r Rights ATE ENGINEER
Walter H. C.	histophesson	of FOBX 1	23 Cut Bank Tana (Town)
County of have appropriated g	roundwater according to	State of 112 the Montana laws in effect p	prior to January 1, 1962, as follows:
N	2. Th	c beneficial use on which the	claim is based form use
		ate or approximate date of es	arliest beneficial use; and how con-
	E	Since 1992	
			simed (in miner's inches or gallons
5	5. If to	used for irrigation, give the a which water has been appli	acreage and description of the lands ed and name of the owner thereof
Sec.21 n.3			1. Christopherson
licate point of appr d place of use, if ch small square repr es.	possible. esents 10 6. T		ch water from the ground and the
The date of comme	ncement and completion cater CN LUS TW-Cre	of the construction of the we	ell, wells, or other works for with-
The depth of water	r table 2 0 fut	Land H5 fut	
So far as it may be	•		e general specifications of any other
depth of	Mello III.	dans 285 f	an plump with for
The estimated amou	ant of groundwater with	lrawn each year	Hamite 30,000
		rilling of each well if availa	
	tion of a similar nature as nd page of any county rec		out the policy of this act, including
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Signature of Owner	Walte H. Chisto, shis
			Date March 8, 1963
ree copies to be filed	by the owner with the	County Clerk and Recorder	of the county in which the well is

located.

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

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

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County Clerk and Enofficio Recorder of

GLACIED GOUND, MONTANA

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					County	: JEA	
242	246	MONTANA BU	REAU OF M		GEOLOGY	DECI	2 1962
250	•	Top of shalf	v ATER WE Pasture l			STATE E	NGINEE
	Ow				Address	Box 296	ut. Back
		_{liler} H. J. Vilse				_	
122	E Dr	mer			Address		
		te Started					
	Lo	cation: Sec22	T 33 N	R SW	4 sec. SV SV		*********
mall clivision							
Type of well	Dr. 13 196 (Dug.)	driven, boyed, or drill	EQ ed)	uipment used	Chur	n drill, rotary, oti	her)
Water use: D	Domestic	Munic	ipal	Stoc	k 🗌	Irrigation	
In	dustrial	Drain	age	Other:.		······································	~#************************************
Casing: C	1t.	to 214	ft. Type!	1 40	Size	10"	*************
		to. 225				5]/2"	
Casing:	1t,	to	ft. Type		Size	Ptp====	
Perforated or s	Screened: Ft	211 6	oft. 214	Ft		to It	***********
		18Torck					
		lowing well:					feet
			***********************	Th too in	**************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		g well:				and the second s	
				80-8	5gal	. per min	**********************
How tested:	Timed	into 54 sellon	dfun				***************************************
Length of test.	Three	or four tests	of shout 40	seconds d	uretion	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
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(over)

Log of Well

Depth,	feet	Description of Material Drilled
From	То	Description
0	242	Two Medicine Formation - green gray clay
242	246	water horizon - Virgelle member of the Eagle
		sandstone Formation - a but coloned sandstone
		and stealy sand stone
	3.50	Top shale well bottomed
		This well is known as the Pasture Well and
		is pumped by a 25H induction electric mictor
		through a right unite gent box which in torn
		votates a water lubricated 79" open line shat
		in a 4" pipe column - the shatt is connecta
		to a 35 stage closed impellar bottom hole
		pumping unit.
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Post Device

Form No. 18 8-60 County_Glacier MONTANA BUREAU OF MINES AND GEOLOGO ECEIVE Butte, Montana PASTURE WELL STATE ENGINEER Water Well Log Owner_WHICH OIL COMPANY OF CALIFORNIA Address_Sex 298 Cut Senk Address_ Set Senk M. J. Wilson (Deceased) EDriller_ Date Started New 19, 1942 Date Completed_dune 9, 1942 33 H \$ sec . SW1/4 SW1/4 NW1/4 Sec 22 Location: Sec. small division = 10 acres **Drilled** Small Star Spudder Type of well __Equipment used_ (Dug, driven, or drilled) (Churn, drill, rotary, other) Domestic Municipal Water use: Stock Irrigation Industrial X Drainage Other ft. to 214 Size 10" H 40 ft. Type_ ft. to___235 H 40 Casing:___ ft. Size_ Type__ ft. to _ft. Size Type___ Perforated or screened: Ft. 211 to ft. 214 __. Ft.____ Type of screen or perforations Torch cut slots Static water level, for non-flowing well: 209 feet. Shut-in pressure, for flowing well: _____lb./sq. in. on:__ (date) feet at 80.45 Pumping water level_ 210 __gal. per min._ Timed into 54 gallen drum How tested: Three or four tests of about 40 seconds duration Length of test___ Remarks: (Gravel packing, sementing, packers, type of shut-off, depth of shut-off)

Red - Changes (or elactication - July 27, 1962

Log of Well

рерти	feet	Description of Material Drilled
From	To	
	250	Res Hedicine Formetion greenish gray alay
240	246	Veter berison Virgolla meder of the Eagle Sendstone Forestion
		a haff releval sandstone and shely dendstone
	250	Top shale well horsened
		This well is known as the "Penture Mall" and in pumped by a 25-
		industion electric poter through a right angle goor has soleh in
		turn retates a water har leased 1/4" upon line sheft in a fri pipe
		column the short is connected to a 15 stage closed liquidar better
		hele samping wit.
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		County 6/acres
		STATE OF MONTANA
		RATOR OF GROUNDWATER CODE JAN 3 1964
De		Vested Groundwater Rights ENGINEER
0		er 237, Montana Session Laws, 1961)
1 Clyde /	TONROC	(Address) Mont (Town)
County of	i Appropriator)	State of Mont (Town)
		to the Montana laws in effect prior to January 1, 1962, as follows:
N N	2	. The beneficial use og which the claim is based
		Donestic
	3	Date or approximate date of earliest beneficial use; and how contin
v	E	ous the use has been 7-16 1900 Continue
X		3
	4	The amount of groundwater claimed in miner's in less or gallo per minute)
5	5	If used for irrigation, give the acreage and description of the lan to which water has been applied and name of the owner there
W1/3NLSec 23 T 53	~ 	Tions
Indicate point of approp		
and place of use, if possible small square represents 10	. Each	. The means of withdrawing such water from the ground and the lo
		tion of each well or other means of withdrawal
•		
7. The data of commence	ement and complet	ion of the construction of the well, wells, or other works for with
t. The date of comment	r 7eb 19	3.5.J
drawal of groundwate		
_>****************************	10 80 11	
8. The depth of water tab	•	
8. The depth of water tab 9. So far as it may be a	vailable, the type.	size and depth of each well or the general specifications of each well or
8. The depth of water tab 9. So far as it may be a	vailable, the type.	size and depth of each well or the general specifications of each well or
8. The depth of water tab 9. So far as it may be a	vailable, the type.	size and depth of each well or the general specifications of each well or
8. The depth of water tab 9. So far as it may be a works for the withdraw	available, the type,	size and depth of each well or the general specification of any other and have a
8. The depth of water tab 9. So far as it may be a works for the withdraw 2. The estimated amount	of groundwater with	size and depth of each well or the general specification of any oth
8. The depth of water tab 9. So far as it may be a works for the withdraw 8. O The estimated amount 11. The log of formations	of groundwater with	size and depth of each well or the general specification of any oth
8. The depth of water tab 9. So far as it may be a works for the withdraw 8. O The estimated amount 11. The log of formations	of groundwater with	size and depth of each well or the general specification of any other and the state of the state
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8. The depth of water tab 9. So far as it may be a works for the withdraw 10. The estimated amount 11. The log of formations 12. Such other information reference to book and p	of groundwater with the concountered in the co	size and depth of each well or the general specification of any other than the second specification of any other than each year. The second specification of any other than the second specification
8. The depth of water tab 9. So far as it may be a works for the withdraw 10. The estimated amount 11. The log of formations 12. Such other information reference to book and j	of groundwater with the similar natural page of any county	size and depth of each well or the general specification of any other states of the st



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		Approved Stork Form	-State Publishing Co. Helena, Montana-47921
No.		•	T 33 R 5 W
LICATE	المركز المركز	•	County Glacier
	4	STATE OF MONTANA	
	ADMIN	ETRATOR OF GROUNDWAT	ER CODE
	O:	ffice of State enginee	DECEIVE D
	Declaration	of Vested Grounds	water Rights DEC 30 1986
		Shapter 237, Montana Session L	aws. 1961)
	(0200-		- STATE ENGINEER
Lloyd A	Torgerson	of	Emridge
(N	ame of Appropriator) (Add	ress) (Town)
unty of	Toole	ling to the Montana laws in ef	Montana Hect prior to January 1, 1962, as follows:
ovaliquiqua 9v.	_		
- : :		2. The beneficial use on whi	ich the claim is based
		water for liv	restori
		3. Date or approximate dat	te of earliest beneficial use; and how continu-
		ous the use has been	1913; continuous from that
			in use.
			water claimed (in miner's inches or gallons
		•	
		5 If used for irrigation of	give the acreage and description of the lands
	8	to which water has been	en applied and name of the owner thereof
orth Half	T.33 R. 5 W.		irrigation in the past.
.74 Sec#	Longitudia Bonnakan ** •		•••••
icate point of	appropriation	***********************	***************************************
place of use, if	possible. Each		
place of use, if	possible. Each	6. The means of withdrawi	ing such water from the ground and the loca-
icate point of place of use, if a place represent	possible. Each	6. The means of withdrawi	r means of withdrawal
place of use, if ; il square repres	possible. Each ents 10 acres.	6. The means of withdrawi tion of each well or other	ing such water from the ground and the loca- r means of withdrawal:
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place of use, if it is square representations of the date of edrawal of grounds.	possible. Each ents 10 acres. commencement and coundwater	6. The means of withdrawition of each well of other molecular mole	the well, wells, or other works for with
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The date of edrawal of grow The depth of we so far as it me works for the weeks.	commencement and coindwater	6. The means of withdrawition of each well of other material flats mpletion of the construction of the parties of the construction of the constru	the well, wells, or other works for with the local specifications of any other works for with the general specifications of any other works.
The date of edrawal of grow The depth of we so far as it me works for the weeks.	commencement and commen	6. The means of withdrawition of each well of other matures. Flow mpletion of the construction of the or other works for other works for type, size and depth of each water. No walls or other	the well, wells, or other works for with relief or the general specifications of any other works for with the restriction of groundwater.
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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.

14797

Clerk and Expelicito Recorder of CLER COUNTY ANONTANA

Mr. Lloyd A. Torgerson, Ethridge, Montana February 26, 1964

December 27, 1963

138897

from a natural flowing stream.

Wile	No

T 33N R 5W County Ellacier

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater (Under Chapter 237, Montana Session Laws, 1961)

1. I, Dennis J. Berkram, of Box (Name of Appropriator) (Add County of GLACIER, State of YMAN) prepriate groundwater in accordance with Chapter 237, M	Intend to ap- lontana Session Laws of 1961.
2. The beneficial use to which water is to be applied is f	or household use
and hogs and cows (describe lands to be benefited, if for irrigation)	
3. The rate of use in gallons per minute or miner's inches of	groundwater claimed 5/192LLONS
4. The annual period (inclusive dates) of intended use	all year
5. The probable or intended date of first beneficial use	Hugust 31d
6. The probable or intended date of commencement and comp	oletion of the wells or wells. July 45t
commensed Augu	st2 completed
7. The location, type, size and depth of well or wells contem	plated 4 Inch casing,
125 feet	
8. The probable or estimated depth of the water table or art	cesian aquifier
9. Name, address and license number of the driller engaged Box 1993 Cut Bank, Montan	a No.30
10. Give such other similar information as may be useful	N
in carrying out the policy of this act	
in carrying out the policy of this determination	
	v
Doc. No. 152372 117445	NWSU14 Sec. 29. T.33. R.5W Locate well or other means of development as accurately as
Filed for record this 3 day of September	possible on the plat
A. D. 19 70, et 2:30 Signature of Approp	pristor Jennik Junksan
o'clock	Date Ougust 20, 1970

• As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

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

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

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

Clert and Esofficio Recorder ou CIER COUNTY, MONTANA CHER COUNTY, MONTANA CHERCE JA JUD Deptis

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County Glacier STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER OFFICE OF STATE ENGINE

0 to	Elevatore sea level 319	5)	Appro	eoitaina Priation	by Mea	ins of A	ATE E	VGINEE
34to	shell		(Under Cha	pter 237,	Montana :	Session La	ws, 1961)	
ю [green a	Owner.	Union Oil Co.	of Cal	if. Addre	ss. Cut E	lank, Mo	ntana
40 to	shale	Driller.	Simpson Dri	lling Co	Addre	ss Malt	, Monta	
60to	shale w/ sand	Date of	Notice of Appro	priation	of Ground	water De	c. 20, 14	88
25 25to	shale		ell started Jan			_	Jan. 19	
1420	sand (dry)	(dug, drill	driven, bored o ed)	r	(Chur other	n, drill, ro	tary or	
1576	shale	Water	Use: Domestic [Industrial [_	nicipal [] ainage []	Stock Other		rigation [
181 1816 190	sand (dry)	strata r etc. Sho	licate on the dia net with in drill ow depth at whice earing strata an	ing, such ch water	as soil, cl is encounte	ay, shale, ered, thick	gravel, roc ness and ch	k or sand, aracter of
190	abale =	Size of	Size and Weight of	From (Peet)	To (Feet)		erforation	rs .
194	sand (dry)	Drilled Hole	Casing			Kind Size	From (Feet)	T) (Feet)
<u>2</u> 01		8-1/4	7" 20#	- O	284	open bole	284	302
201t	shale							

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sh	10	<u></u>						
98 1	4	dr	7)					
#81	d ·	w/	WE	or				
T.	þ.							
,								

NE 1/8W Sec. 29 T33NR 5W Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing	Well	174		feet.
Shut-in Pressure for Flowing Well				
Pumping Water Level 180	feet at.	122	gal. per m	inute.
Discharge in gal, per min. of flowin	ig well		0	
How Testedauhmergible Le	ength of	Test	9 hours	

pump Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated,	if used f	or irrigation)	
Casing came	ented w	/ 50 ax. 1	on of w

sand @ 284', no Two Medicine water. Top

of Engle 9.267!.

Driller Signature

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

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

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

DUPLICATE

T 33 N R 5 W

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

County Glacier RECEIVED

Notice of Appropriation of Groundwater STATE ENGINEER (Under Chapter 237, Montana Session Laws, 1961)

I, Union Oil Company of California, of. (Name of Appropriator) County of Glacier, State of	(Address)		(To	wn)	an-	
propriate groundwater in accordance with Chap	pter 237, Montan	a Session	n Laws	of 1961.		
The beneficial use to which water is to be applied	ed is recendan	ry reco	very o	f crude	<u> </u>	
il from Cut Bank Sand in Cut Bank Flat (describe lands to be benefited, if for irrigat		••••••	**********			
The rate of use in gallons per minute or miner's	inches of ground	lwater cl	aimed	160	··-	
⇒ 150	***************************************			**********	•	
The annual period (inclusive dates) of intended	l use 365 day	e per y	ORF	********		
The probable or intended date of first beneficial	use April 1	19.63		********		
The probable or intended date of commencemen	t and completion	of the	well* or	wells*		
December 20, 1962						
The location, type, size and depth of well or we	lle contemplated	NE S	W Shee	ion 29.		
1.33 N R. 5 W 7"	.casing.com	gi. hete	proxin	intely.	560.	
The probable or estimated depth of the water to	able or artesian	aquifer 1	70' be	low gr	and les	ŭ
The probable or estimated depth of the water to Name address and license number of the driller	•	,	the second second	. 1	A 10	ي
Name, address and license number of the driller	engaged Sim	pesn Dr	illing	Comme	97.	.
Name, address and license number of the driller Malta, Montana, Driller License 15	engaged Sim	pesn Dr	illing	Comme	97.	.
Name, address and license number of the driller	engaged Sim	pesn Dr	illing	Comme	97.	
Name, address and license number of the driller Malta, Montana. Driller License 15.	engaged Sim	pesn Dr	illing	Comme	97.	
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Name, address and license number of the driller Malta. Montana. Driller License 15. Give such other similar information as may be to	engaged Sim	W 1/4 Secate wel	N N N N N N N N N N N N N N N N N N N	331N R	Sw.	
Name, address and license number of the driller Malta. Montana. Driller License 15. Give such other similar information as may be to ful in carrying out the policy of this act	engaged Sim	W 1/4 Secate wel	N N N N N N N N N N N N N N N N N N N	331N R	Sw.	

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

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

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

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

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GW 2	Approved Stock Form-State Patrichille Co., Helena, Monday 1855;
File No	I C. P. cein
DUPLICATE	County
TOG.	STATE OF MONTANA
Top of Ground	Administrator of Geoundwater Code State Water Conservation Board
	Notice of Completion of Groundwater
- Clay yellow	Appropriation by Means of Well
- Clay yellow - 2 Soul Stool	DEVELOPED AFTER JANUARY 1, 1962
Pareson 1	(Under Chapter 237 Hontana Section Laws, 1961, as amended)
- It Shale	Owner Dennis Back Maddress BA 883 Cit Book
- Ex Shale - water	Driller Jeonge Jewandress 13 1793 Cutton
- water	Date of Notice of appropriation of groundwater
	Date well started July Date completed Que
- 1	Type of well Equipment used (Churn drill, rotary or other)
- 1	Water use: Domestic Municipal Stock XIrrigation
[Ictory	Industrial Drainage C Other D Indicate on the diagram the character and thickness of the different strata
Sand Stone Band Stone Water Water	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
-89 water	strata and height to which the water rises in the well.
- o Jone	Size of Size and From To PERFORATIONS To United Weight (Feet) (Feet) Kind From To
- gana	7 4" 0+1 195 (Field) (Field)
	and and
water	80
	N Static Water Level for non-flowing well feet.
	Shut-in Pressure for Flowing Well
Filed for record	Pumping Water Level feet gal. per Minute.
A. D. 19 70, at 8 30	Discharge in gal. per min. of flowing well
o'chock 4.	
	Length of Test
- 1	Remarks: (Gravel packing, cementing, pack-
† 	NW 48W Soc 29 T 33 R5 ers, type of shutoff)
	Indicate location of well and place of use, if possible. Each small square represents 40
- 1	small square represents 40 CC CC Third Principles
- 1	(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).
125	
Show exact depth of bottom.	***************************************
	# 22
This form to be prepared by driller, and three co County Clerk and Recorder in the county in whice	h the well is located, tissue copy to be Driller's License Number
retained by driller. Please answer all questions. If not applicable,	so state, otherwise the form will be
returned.	Driffer's Signature.

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Driller's Signature

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

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

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

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File No...

County Glacier

DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater STATE ENGINEER

Inion Oil Company of California, of Box	298	Çı	it Bank	
	(ddress)		(Town)	
nty of Glacier State of priate groundwater in accordance with Chapter 2				ap-
beneficial use to which water is to be applied is .	secondary	r recove:	ry of crude	.
from Cut Bank Sand in Cut Bank Field				
(describe lands to be benefited, if for irrigation)				
e rate of use in gallons per minute or miner's inches	of groundwa	ter claime	100	
1 80				
e annual period (inclusive dates) of intended use	365 days	per year		
e probable or intended date of first beneficial use .	April 1.	1963		
e probable or intended date of commencement and	completion of	the well*	or wells*	م بار
cernber 20, 1962		*****************	************************	
e location, type, size and depth of well or wells cor	stammlatad N	E NE S-	OF conten	
	rempiateu A			
33 N., R. 5 W 7" casing ce	mented, a	proxima	poly 280!	
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e probable or estimated depth of the water table of	r artesian aqı	iifer L7A!	balter gre	
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Date December 13, 1963

As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically windrawn."

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

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

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

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RECEIVED

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STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

DRILLER'S LOC

DMINISTRATOR OF GROUNDWATER CODE

MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD

MOUNTANA WATER RESOURCES BOARD depth at which water is found and height to which water rises in well.

Developed effer salitary 1, 1702			
(Under Chapter 237 Montana Session Laws, 1961, as amended)	Top of	Ground	(Elev. above sea level) 3740
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	Prom (Feet)	To (Fred)	
which the well is located, last copy to be retained by driller.	1)	14	Surface
Please a wer all questions. If not applicable, so state, otherwise the			
form may be returned.	15		Dendston
ρ_{0} ρ_{0} ρ_{0}	15	20	Gellow Clay
Owner For Administrator's Use	20	35	Link stilly clay
	35	45	Sand Water
Address Samp File 16618	45	73	Klue Strate
6-19-73	55	52	Brown Shale
Sec = 1 0 0	52	65	Sandy lesen Shale
Date well started GW 1 1/1/ P.D.	65	80	boes shale
Carlo 9	80	100	Light Gry Stale
completed (J	LOR	103	Gieg and Isem Shale
and the	107	120	Lanu Abale
Type of well (Dug, driven, bored or drilled)	127	125	Clare toray Male
Equipment used Cable tools	135	14/5	Krown Stale
(Churn drill, retary or other)	1.5	155	lo say thate
Water Use: Domestic 🔯 Municipal 🗌 Stock 🕺 Irrigation 🗍	155	164	Sandy bray Shale_
Trigulon []		100	
industrial 🗍 Drainage 🗍 Other 🗎* Garden/Lawn 📝	I lele_	168	SAL ABUL
	168	100	Sand - Water
*Describe	142_	185	Shalf
USE: If used for irrigation, industrial, drainage or other. Explain,		723	
state number of acres and location or other data (i.e. Lot, Block			
and Addition).			
-			
ESTIMATED ANNUAL WITHDRAWAL 2,592,000			
Size of Size and From To PERFORATIONS			
Hold) of Garing			
Con Size (Foot) (Foot)			
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N 1115			
Static water levelft.*			
Pumping water levelft.*			والماء المناة والماء المناة المناة المناه المناه والمناه المناه المناه المناه المناه المناه المناه المناه المناه
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began.			موده باسوار هایک الدول واسی های هایی واسی هایی داشته اساله اساله الدول بیسو _{مو} سی _{مو} ید ماسی د
* Measured from ground level.			
Well developed by			
for			
Power			
Remarks: (Gravel packing, comenting,			
packers, type of shutoff			
Me we will			والمرة فليتم وللمرة والمناه والمناه فليتم والمناه المناه المناه والمناه والمناه والمناه والمناه
133 NR 5 - W/ C 15000	<		
₹ ₩			
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.			
EACH SMALL SQUARE REPRESENTS 40 ACRES.	<u></u>		
Marchan			
Driller's Signature	·		
Ret 196-10 A Ray 120	 		منتقد فعلت بليده ميتند منتان بالمن سيده منين ينين بينان علمة ماات هيدة بالمن ويتن ويتن درده ه
Driller's Address Suff 992 (III)	7.	2 5	
LICENSE NO.		D 5	Show exact depth of boltom

T 33N R 5W MPM

DUPLICATE

County Glacier

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODED ECEIVE OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1968TATE ENGINEER

1.	I. Union Oil Company of California of	Box 298		1	at Be	ak		•
	(Name of Appropriator)	(Address)	•	•	•	wn)		
	County of Glacier, State of Mo	tor 237 Mor		Session				ip-
						min -		
2.	•				ating	pro	eri) ject	; Qqd
	(describe lands to be benefited, if for irrigation	on)			••••••••	••••••	•	••••
3.	The rate of use in gallons per minute or miner's i	nches of gro	undwa	ater clai	med	125	GPM	
4.	The annual period (inclusive dates) of intended	use 36	5 day	5				
5.	The probable or intended date of first beneficial	useQx	tobar	1. 19	i3			
							1.	<i>1</i> .
6.	The probable or intended date of commencement	-			1000	, 11 c	V	
	September 10, 1963		•••••					
7.	The location, type, size and depth of well or well	s contemple	ated	19801		30.	WB.	
	Cable tool hole with 7" casing occurred		•••••			••••		••••
8.	The probable or estimated depth of the water ta	ble or artes	ian aq	uifer	80° b	e) cu		·/pc
9.	Name, address and license number of the driller	engaged		***************************************				
•	N. M. D. Dr. 1111ng Company Box 297; Cut	Sank, Hon	tene	-Licer	ee. He	mber.	130	N.
10.	Give such other similar information as may be u	5 <u>0</u> -		-i	N			
	ful in carrying out the policy of this act							
						-	1	
		•••••						
		w				-	+-	12
		••••	-		- -	-	1	
			 	- 4	++			
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			ļ				لب	•
					-		- 1 T.	

SE.NE.4 Sec.32.... T33N.R.5W...

Locate well or other means of development as accurately as possible optible

Signature of Appropriator Altorney in Fatate....

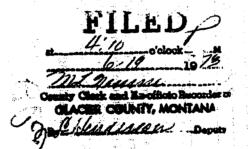
* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

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

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

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

#166881



County Clark and is official boomles of Charles County Montion

					-	# F 1975 19		2
GW 2			Approve	ed Stock Form-	-State Publishin	Co., Helena,)	Montana—39318	
File No					T.	33M R	5¥	
DUPLIC	ATE				C	ounty	Macie	r
similar and a and a and a and a and a	Top of Ground (Elev. above sea level 3824)	1		FFIGE OF	state e etion o	f Grou		
The state of the s			• • •			ession Laws		MEEK
		Owner	Union Oil	Company	Address	Cat B	ink. Ne	ntena
- [;	Driller	M.H.O. Dr	lling 0			•	
	:	Date of l	Notice of Appro	priation of	Groundwat	er	***********	**********
	;	Date we	il started	/10/63	Date Co	mpleted	9/25/6	3
-		Type of				ent Used	Cable	Tools
- 1		(dug, d drilled	riven, bored or)		(Churn other)	, drill, rotary	or	
-		Water U	Jse: Domestic Industrial		nicipal [] ainage []	Other [Stock [-	igation 🗌
-		~	licate on the d				•	different
		strata m	et with in drill pth at which w	ing, such a	s soil, clay,	shale, grav	el, rock or	sand, etc.
			strata and heig					01 114101
-		rof	Size and	Prom	To		RPORATIONS	
- 1	Det He		Weight of Caster	(Feet)	(Peet)	Elect No	Free: (Fest)	To (Feet)
	7		7=- 20#	0	282			
- 1]	
							A-	
	N	Sta	tic Water Leve	l for non-flo	wing Well.	220	<u> </u>	feet.
		Sht	it-in Pressure	for Flowing	Well	***********		<u> </u>
		Pur	nping Water L	evel2110.	fee	t at	gal. p	er minute.
		Dis	charge in gal.	per min. of	flowing we	u		lean, 2000, 2000, 2000, 2000
-	10	E Ho	w Tested		Lengt	h of Test.	3.b	28a
-		Rei	narks: (Grave					
		•				dwater if a rmation, in		
]	acres is	rigeted, if	used for ira	igation)		
_	SEWAE Sec. 32 T 338R 53		,			, ,		
 - 	Indicate location of well and place of use, if possible. Mach		Ces		_	X a		
_	small square represents 10 acres.							
	Show exact depth of bettom.		*************				130	
					Driller -4.E.O.	's License)	umber 18 COMP	ARTY ,
				~	Land	Extens	Allel	M

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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.

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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•	Appro and Stock Form-State Publishing Co., Helena, Montana 40876
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ile No.	
UPLICATE	County GLACIER
	STATE OF MONTANA HISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER OF Vested Groundwater Rights Chapter 237, Montana Session Laws, 1961) STATE ENGINEER
1. DOLLIE CORRIGEUX (Name of Appropriator	of
County of GLACIER	(Address) (Town) State of Montana (Town)
have appropriated groundwater see	cording to the Montana laws in effect prior to January 1, 1962, as follows:
N	S
	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
' - - - - - - - - -	Since 1953
	4. The amount of groundwater claimed (in miner's inches or gallons
	per minute) Cable Feet per second
Sec. 34 T.33 R.5. Indicate point of appropriation and place of use, if possible. Bach small square represents 10	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 SHEEL-Section 20 Owner-Lattice Lookhoff WELL SECTION 33 WELL Section 33 WEWN Section 31 All in Range 5W Township 3.W 6. The means of withdrawing such water from the ground and the
cres.	location of each well or other means of withdrawal.
	Klostria Pung Winet 34-33-5
drawal of groundwater	empletion of the construction of the well, wells, or other works for with-
· -	telt 1953
8. The depth of water table	feet of water-Well 331 feet deep
works for the withdrawal of groun	type, size and depth of each well or the general specifications of any other
	1, 339 feet deep, 8º mater table
	ater withdrawn each year. undatermined
1) The log of formations encountered	in the drilling of each well if available
Top of medium sand-260 fee	et Rottes of send-339 feet
Bottom of med. send276 for Top Review send299 feet	est 8 feet of pay sand

Signature of Owner...

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

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......

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

not previously recorded

Top of Water--331 feet

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.

FILED

3.35 o'clock

N

County Clock and Knodlide Receder of

GLACIER COUNTY MONTANA

WARRY SASTE SASTE

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File No....

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DUPLICATE

County Giggier

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGLISHER

Notice of Completion of Groundwater AppropriationEC 26 1963
Without Well

STATE ENGINEER

(Under Chapter 237 Montans Session Laws, 1361)

	Date of Appropriation of Groundwater
	Owner Bert Hartmanddress Ethnilge mout
	Contractor (if any) not available
	Address of Contractor not available
	Date Started about 1932 Date Completed Same year
N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	mater when amiliable noticeal arrelas of
	- 0.00 · 0.00
	water when applicable natural processes. Include depth to
w	
	Quantity of water developed and used with explanation of method
	used to mercure or estimate such amount. If use is intermittent
	estivate approximate lengths of periods of use
Cuti NW 4 Sec 32 T.33 RS W	full will witer afout 200 less
Indicate point of appropriation	1 - HA D 2 + 2
and place of use, if possible.	of cattle for about 2 years
	male well year around
	Signature of Owner Best Offertuar
	Date & Rec 16 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 arswer 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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