

File No.

*? * JE. * : !

County

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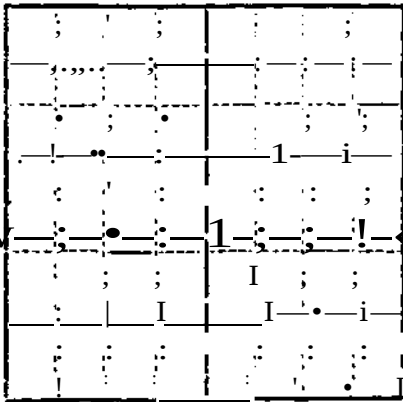
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

i-^ ^ ^ ^
I JV & < L £ 7 V S? } "pj

Declaration of Vested Groundwater Rights JAN 6 1964

(Under Chapter 237, Montana Session Laws, 1961) STATE I.»

H@.i*^fv_v...A.^?*-^l....?...^?^*^£?!\ of?"f*?9?3.....5M.^?S>?M.
(Name of Appropriator) (Address) (Town)
County of O A-^ .? «4.....State of Y.qnt«Ea.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



• 5 ^ 1' Sec* 4ify?.xe.~^
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based H.QUa\$.aold
Lawn 4 Garden

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been.??*.*?***?? I?*Z
continuous

4. The amount of groundwater claimed (in miner's inches or gallons
per minute)-^aP C^P*o^y..300 ..-at8..Per: «tHr.
^r,5 ;&la.» ..Per, -t

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
j Acr- Janien 4 Lara.....(....Approximate
A.auxiaan j\$...Desaie J Kaiyrraan
..owners,.....~1..L...^

6. -oe means of withdrawing such water from the ground and the
location of each well or other means of withdrawal

^orttwai^7nctB,7ZZZi7ZZZZZZZZZ^MM

7 The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater...5?3ln .ln...AP?li Completw? In April .194T.....

8. The depth of water table...ApproxiaatOyOpt 30 Ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater...Type..Drill*& S1.8.e.5...in« fepth...lp3...F.t.

10. The estimated amount of proundwater withdrawn each year..300>-CO.-ifllLfV»...n

11. The log of formations encountered in the drilling of each well if available...l*y...S\$?d..^....-f.^T@r.

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 JSOHQ*

Signature of Owt-r^...^...^i.^.....^.....

Date oCt 21 "3. ?63

Three copies to be tiled 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.

1941

1942

Pile No. GW :
Or. ANA WATER RESOURCES BOARD.

RECEIVED

Cou..t^p^:f^..

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODES

OFFICE OF STATE ENGINEER

Top of Grotmd -

(Eier. above tea level,

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Address *Rt 3 Kalispell, Mont*

*J4. & OtEt**

Driller..^f^Eu Address..lf^SJ^..1.-

Date of Notice of Appropriation of Groundwater.....Zr^r^jfir^r^A^

Date well started^ZX-^ / ." (c "7.... Date Completed.fe^Cjr^..7."Jk.7-

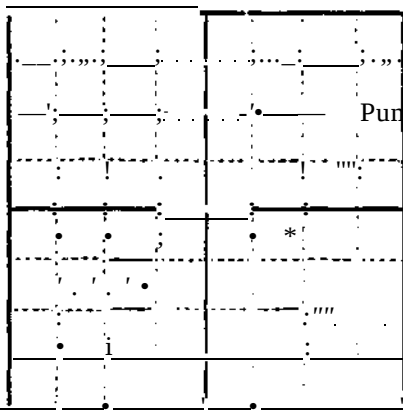
Type of well....C-^C^.. Equipment Used.....^rrrLm^y.....
(du?. driven, bored or (Chum, drill, rotary or

Water Use: Domestic JQ Municipal Q Other Q Irrigation D
IndiBtruls Drainage • Stock R,

"^ Indicate on the diagram the character and thickness of the different strata n.et with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, tnickness and character of water-bearing strata and heifht to which water rise' in the well.

Sb»l	Sbfind	Fro*	To	i	•vnm* A-nnius
UM	WdIOtof	(Ft«)	(F«d	"I	<REGISTRATION>
Hole	Caring			Ktai"~"	Prom I T»

/ M ! ; !



/ftk'^E Sec.../... TJrJf:- S»...r
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static "Water Lewi for non-ftowinsr Well *13* ^... feet.

Shut-in Pressure for Flowing Well...../71 ...h<'..A

Pumpinj: Water L<vol. > ..3- G? ...feet at. ..4*0. gal. per, minute.

Discharge in gal. per min. of flowing well.. ^/L^7j.....f..C<^>.-!./-rk^

How 'Y<-sled44<?*L'S<^' ??*~r- •'i^nn^'of Test...X.^W«

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

acres irriiratoil, if used for irrigation)s.C(4*~*..EseJl^<-o

X ^U..*^+4<&*~.~*~. />.,<^..^..J'^^
V-V J ~*f- S /I '
)c2T/c^ ^ ^ V < ^ ^ " ^ . ^ ^ - ^ r ^ ^ . < C ^ « s ^ L ^ E ^ * ~ .

7 K - - ^ S

Driller's Li.-ggee N'nT^ber

Driller's Sifmwture

ThU form to be prepared by driller, and three copies to b* filed by the owner with the County Clerk and Recorder in the county in vrhk'h the well is x-aU'd

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

Original to the County Clerk and Recorder; duplicate to the Sta<..? Engineer; Triplicate to the Montana Bureau of Min-*s and C^oigy and "Jaadruplicate for the Appropriate.

;-/_ Jf/Tj
Coinfy Clerk one. r/..:..:
.....A,J

$$\Lambda^7?VE[7]^7$$
$$: \bullet M \wedge \text{me},^* \quad \dagger \quad \dot{u}l$$
$$\Delta \Delta H$$
$$|H|$$

1914

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1918

File No.

DUPLICATE

T. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

County T. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1951)

i3'J^{7Ton} ^L. ^.. ^eL o'J^{t]Se11}
(Name of Appropriator)

of Kalis ^II ^Antana

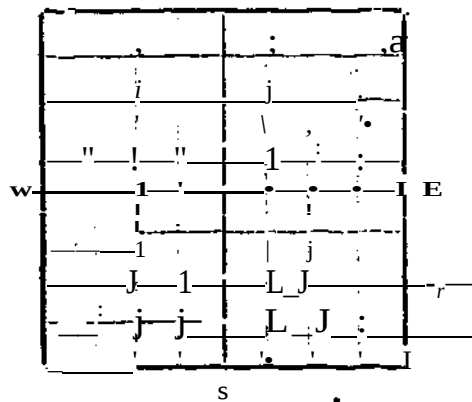
(Address)

(Town)

County of Fla. tho. a<l

state of loxitajaa*

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based.....

Drilled Utelifor .asaideaca.3...and...Irxigatioa..

3. Date or approximate date of earliest beneficial use; and how continuous the use has been J<JL<R*\$.253.

Syery ..Say.....

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....5Q...Ka.XiQl^..i>?3.ii...^A...>>n...*i.ll: produce if. aeadaa

5. if used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner

V*... Sec...* T. 2...*^...

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

Each small square represents 10 acres.

fi. The means of withdrawing such water from the ground and the fcgtffcw* » fow|» a p other means of withdrawal

Subflerslbifl ..pa^..iox.tJa..fiaat..oX..-aJLddlft.oir.....

Part of L<t 1 4 part SiHS*..T2D SI T28 B22

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Jfcy 1Q_T 1953 Co>pl>tad Hay.-2A_r 1953.....

8. The depth of water table fata, stands in well .at...abouv..9.0...ft*.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwaterDeipta of «all..JLc9 ft,..6 Lacil easing.....

'Present;puap^oia's >' capacity; of' 7.00dfiQ gallons pptr.yaaE.....

...ipect..t.o....ua«...7>.9ii..for..addltioxal iiouaes ass-irrigatiott.....

10. The estimated amount of groundwater withdrawn each year 60,'wGQ Gallons.....

li The log of formations encountered in the drilling of each well if available ..so log available Gravel for a! ?out cO ft ih.dzx..clai". and.^jxs.al ..16 wat3r vaae.....

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.....

...P349...296... .UUna-ja

Signature of Owner ^./ ^ < ^ > ^/

fo^C-i⁷

Date January.12,... 1963 ..

Three copies to be filed by the owner *llh the County Clerk and "acoruer of the county in which the we 1 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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"De..."

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File No. GW1

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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights 5 1964

(Under Chapter 22 Montana Session Laws, 1961)

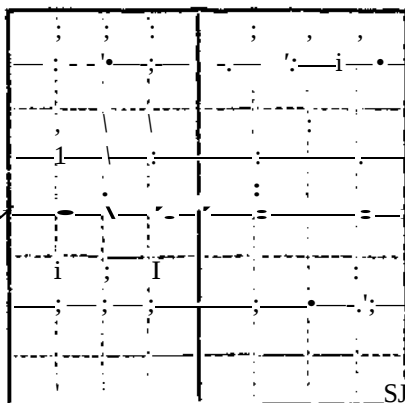
ML LIMBINEUR

(Name of Appropriator)

(Address)

(Town)

County of State of
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Indicate point of appropriation
and place of use, if possible
Each small square represents 10
acres.

1. The beneficial use on which the claim is based.....
irrigation.....

2. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been.....
1952 and in use continuously.....

3. The amount of groundwater claimed (in miner's inches or gallons
per minute).....
1800 gpm.....

4. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
1/2 acre - domestic use, garden and orchard.....

5. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
one well on surface, electric pump.....

6. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....
1952.....

7. The depth of water table **68 feet**.....

8. 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.....
drilled KCil, Six inch pipe, 206 feet.....

9. The estimated amount of groundwater withdrawn each year..... **2.5 million B**.....

10. The log of formations encountered in the drilling of each well if available.....
32 feet to 107 feet sand, 107 to 200 feet gravel and clay, 204 to 206 feet clay.....

11. 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
ML LIMBINEUR

Date
5 1964

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 Geology and Mineral Resources.

$/c \ V^*$

r— ^ " V - ^ . V1

T-JJT-.....ji_2.?rr.....

County. _^^.j^C-fefe/-^

L i ^ j: G : * & .

MONTANA BUREAU OF MINES AND GEOLOGY

Bntte, Montana

quTE V. ^Y''^

WATER WELL LOG

I	I	I	OwDcr , - , . < ^ k l i 5 1 ^ % L l t r (..... Address ... Z & ^ ^ < : > ^ . r J / Z ^ ^ r
j	j	j	Drmer - 4 y - ^ ! < i ^ r t ... : * * ^ > / < 5 f e i ^ 6 s 3 L » ^ r Address ^ ^ ^ ^ : ^ : J ^ i > ... > ^
J ^			Date Started £ j £ . C : ? " " Date Completed ! L r ^ ^ t ? l
			Location: Sec. T - . - J j R . . A ^ . . M sec-r ... ^ J ... £ , . ^ ! ... ^ / ^ 4 v - < ? ^ * : - ^

Type of well & 3 A ^ 4 £ d Equipment used X , a * . C
(Dus. driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other: * « ..

Casing: - 5 . P ft. to ft. T T P e : ^ J / ^ s C Size J L ^ 2 : * : L ..

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft- to ft Ft to ft —

Type of screen or perforations

Static Water level, for non-flowing well: 4 ? . (..... leet.

Shut-in pressure, for flowing well: lb. 'sq. In. on:

Pumping water level ^ . / . ^ L feet at gal. per min. / & ? (date)

How tested: J i ? f ^ . J . i l / k r l ^ . ^

Length of test J ... ^ L ^ l ...

Remarfes: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

..... ^ , ; , ^ . : J j x L

^^

(over)

^^H

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) Q T j i T F C " " ! " • < - - r »

County of Los Angeles, State of California

have appropriated groundwater according to the Montana laws in effect prior to **January 1, 1962, as follows:**

2. The beneficial use on which the claim is based _____
 ^rrft/^.^L^.-.x. ---^-<^^..u. _____
3. Date or approximate date of earliest beneficial use; and how continuous the use has been _____
Q-*j.zjii*r.: ±.*^,~<^i; i.i> Ei-.*l^---rf<rfl^c,c_w_..^; i..<^E_..
4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____
J2..C.C....q^-.:....j^,&....*&?^i&^ _____
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.....SCC...Z.. T.<.l}Ai£JL't'.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10

- and place of use, if possible.
- Each small square represents 10 acres.
- j. location of each well or other means of withdrawal
6. The means of withdrawing such water from the ground and the
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
8. The depth of water table.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
10. The estimated amount of groundwater withdrawn each year.
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner...>..^..j:..r'..<....~rsJ...A..<..jL<....^*:(j-^..r

*D*U*e*...*A*[^]..*C*...-*JJ*./+...::*Zr*.*J*.....

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

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

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

11-# • « * • ref »

« 11-# • « * • ref »

^ ^ ^ H

14,203

70 31 Aug
811 22
Sen
Jro
Deputy

GW2 -3B. - - -t*s

T....*...L;...R....2..U2-.....

F-. Nc

County...ic^C^sf^

nTTPLirVTE
uurw^Air.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground _____
(Elev. above sea level ^J ^ v f o)
/ / ^ , L ' ^
J- & b _ s .. X ^ ^ X
AjjLj-

**Notice of Completion of Groundwater
Appropriation by Means of Well**
(Under Chapter 231 Montana Session Laws, 1961)

owner..rr?r; > / r ^ Address T-13 Helena
Montana address 445-5th St

jL ^ y Date of Notice of Appropriation of ground water _____
K.y ^ i . } / ^ V y J ^ ate well started 3-7-74 - Date Completed 3-7-74

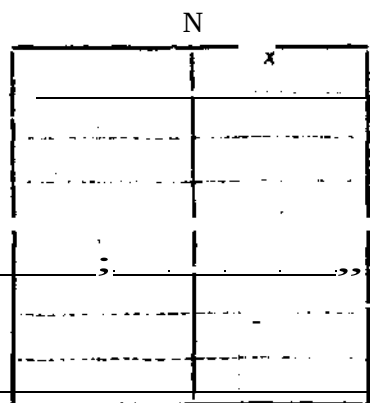
Type of well " " ^ - > ^ . ^ r f ^ . Equipment Used Churn / O ^ U k / i ^
i-5 ^ < ^ L J f ^ - < ^ E e ^ x ^ ^ A ^ idui > driven, bored or (Churn, drill, rotary or ^ / -
/ ^ < ? drilled) other) " Ce-? < ^ e .

y t ^ / Water Use: Domestic IS Municipal Q Stock ^ S. Irrigation | g
Industrial n Drainage • Other •

• • 0 ^ 1 ^ ^ - ^ A ^ - ^ ^ ^ u * ^ ^ Z z y ^ i Indicate on the diagram the character and thickness of the different
strata met with in drilling, such as soil, clay, shale, gravel, rock or sand,
etc. Show depth at which water is encountered, thickness and character of
water-bearing strata and height to which the water rises in the well.

Size of Drilled	SUe and Welfht of Cartnt	I from (F < t) i (F < t) ,	To	PERFOHATIONS Ktod n v m Tg
-----------------------	-----------------------------------	--------------------------------------	----	-------------------------------

i,/) (iX*^ **j ^ ^ . ^ ^ ^ x i i**



Static Water Level for non-flowing Well 16.3 feet

Shut-in Pressure for Flowing Well 16.3

Pumping Water Level / 16.3 feet at 16.3 per minute.

Discharge in Gal. per min. of flowing well 16.3

How Tested 16.3 Length of Test 16.3

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

acres irrigated, if used for irrigation).....

• V . : . i 4 / V ^ Sec. / .. T ^ / R e v . -
indicate location of well and
place of use, if possible. Each
small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number -

Driller's Signature / /

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

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

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

ORDER OF THE
COURT OF RECORDS

By 
CLERK

100-100000-100000

FA No _____ ow *

T _____ ^ _____

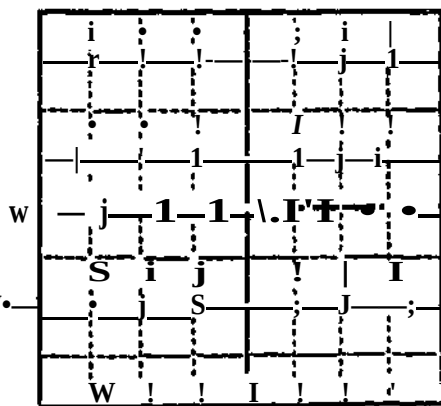
County _____

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ABimniTBAZOS OF GB0UITOWA.TM. OODI
o ma o? STATB nomSE U U

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Senion Laws, 1961)

1 IIANKIEABAKA, of JMg-JLMH&KE,Mu; QKXAPA
(Name of Appropriator) (Address) (Town)

County of F U I M P State Q E J3QHIABA
have appropriated groundwater according to the Montana tare in effect prior to January 1,1962, at follows:



2. The beneficial use on which the claim it basftd. POTMgyfda-Band-
tyTlgafe^QW

3. Date or approximate date o*earliest lw!ffm«T QM; asd hffw eoa-
turnout the me hu H*«J^m^ fittit %^h\l. tf>_tf^ta

* Th« amount of grotmdwater claimed (is sisar'a isehet or PHOOB
per wi^tw) 50. g ^L P^T win,

5. If ated for irrigation, jpv« the aenage and dwterbtyou of the land*
to *hich. water hu been applied and name of the owner thereof
l.a.ar«

A^% ^8«t~/_ tj.t *JU

Indicate point of expropriation
and pl^** of T^m if powible.
Each mall square repreienta 10
aerea.

« The means of whhdrawiaag tueh water from the ground and the
location of each well or other meant of w**i^*^y^
Pfflip

7. The data of commeneeuient and eoapletion of the construction of the well, vnQa, or other works for with-
drawal of ttoundwater.™Ji«RSLjSIU-J3I^

8. The depth of water tabl»LQk..fi.

9. So far as it may be aTaiaable, the type, tin and depth of each well or the general iptHfiesHwiu <f any other
works for the withdrawal of groundwater—75..OJ).v—2^Z-£t—<U«j>

10. The f»fr«** amount of groundwater withdrawn each year—720,000—per—year—

11. The log of formations encountered in the drilling of «ach well if available. 2?2 ft - tand-m 4-ggc*el
hP^rt_sC8ifil Z_7

IS. Sueh other information of a similar nature as may b« awful in. carrying out the potto? ef this act, hwifaadfaf
reference to hook and page of any county record.

Signatu» of Owner...^:<kft-i^/s= / ^ . / g . / r ^ O

**j±/kf/fiz_s

Three copies to bi flitd by the owner with the County Clerk and Beeorder of the toeaty in whkh the well te
located.

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

Original to the County Clerk and Beeorder; duplicate to the 8tate Rngineor; Triplicate to the Montana Dm,asm of
Mines and Qeolooy and Qoiiduplicate for the Appropriator.

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:i^ I9ij..jEtJ^~oC!ock../*M
247
y—^j?..^:—

^^H
^^M

File No.

T. R. J.

Country of ...

STATE OF MONTANA
ADMINISTRATOR OF GROUTOWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

12 / 1 R ^ 3

Top of Ground

(Sev. above sea level.....)

10u%W n^{(tti} r & J'/f /

id, III 'fulfil- y.M4*

Date of Notice of Appropriation of Groundwater ...

Date well started ... Date Complete ...

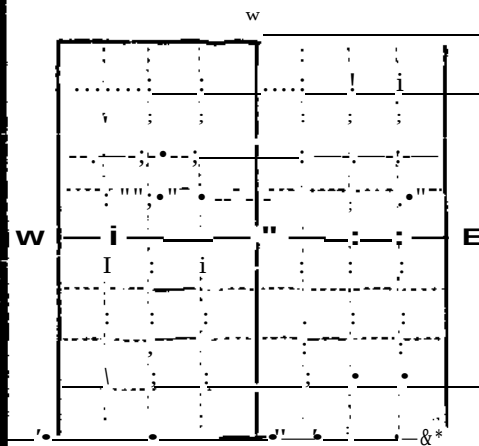
Type of well ... Equipment Used ...

Water Use: Domestic • Municipal • Other • Irrigation D
Industrial • Drainage D Stock D

^3 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 water rises in the well.

Sheet	Sheet	From	To	Perforations	To
D&D	W&M	From	To	KSad	Fraa
HoJe	Casin		(F<..	Sin	(FM(>
					To
					(FMO

A* ft ! j i



Static Water Level for non-flowing; Well... £3 ZS.....feet.

Shut-in Pressure for Flowing ...

Pumping Water ... feet ... gal. per minute.

Discharge in ... min. of flowing ...

How Tested ... Length of Test, ...

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and »27 other similar pertinent information; including number of

acres irrigated, if used for irrigation).....

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number

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.

35

1,££#

By.....£h,J.

T L Z L R f t

I - - -

County 2 & L C L L E i A L J L r Z

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STA 7 E , ,

WATER WELL LOG

Owner J i 4 J d

Address Kalispell Mont

Dr Olerj C W S r V k J 4 i r

Addi S A L A k

Date Started J & O . / E j L . Z . A j E i Date Completed A f e A S . / J . C

Location: Se & L T R Vi sec

Type of well D m . " l r t v n . b o r e d , o r $\pm$ " - e d Equipment used - i l d A A A A ; A A
(Dm.: "l r t v n . b o r e d , o r $\pm$ " - e d) (Chsra drill. ro Uiy. other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: y

Casing: L - I t t o , J A A J t Type Size Z E . A i $\pm$ A A

Casing: f t . t o f t . Type Size

Casing: f t . t o f t . Type Size

Perforated or Screened: F t t o f t F t t o f t

Type of screen or perforations:

Static Water level, for non-flowing well: f e e t .

Shut-in pressure, for flowing well: l b . s q . i n . o n :

Pumping water level n f e e t a t 10 g a l . p e r m i n - (date)

How tested:

Length of test:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Z.1

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
^C^ i/Vg) i	sLtt^i -yC*-^j ^L^^j	
/ ^^ I/^r/	I *C3*^ts-*L*o~* A- <*^i^tk ~<2-t1 ^-^s ^i*-i-3t/C- .Zr-^-^o <•U---^C ~~-^	
16		

^ ^ B

^ ^ H

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File No. _____ ow<

rp _____ j^ _____

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

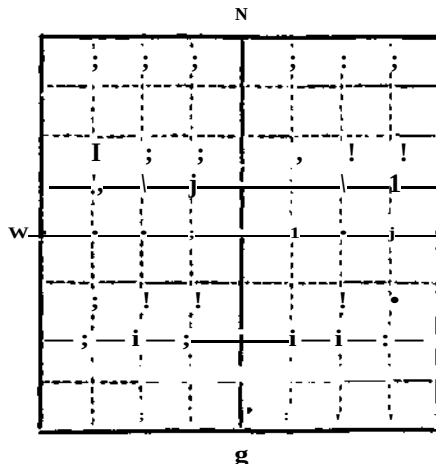
r^ _____
{ ^ < _____
Ulj g^ g p^ gg^ J

Declaration of Vested Groundwater Right* J A > L / VO , 77 L - 77

(Under Chapter 237, Montana Session Laws, 1961)

1- /%jLduz.£.4j£ Aj£k.££.ii.k.L(.....o£....^3:=fe-t5...-f.....AJL/J&I-LL.....
J (Name of Appropriator) (Address) (Town)

County oi—Jz^/<*..t.A.c~>*..i-.....State oi...../22.£L<i.£*..a*.....
have appropriated groundwater according to the Montana la'vs in effect prior to January 1, 1962, as follows:



S.J^V^JSec^Z.. T<?£ R3?r.....Z.....1ZLI.1I.1Z1II

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
*area.

2. The beneficial use ou .Fhich the claim is based_d.£.i&.£.A-!J.5~:_____

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has ^tn.-J. J^f?...^....Z..JZA..!J.J.J.f.^A^S.

4. The amount of groundwater claimed (in miner's inches or gallons
per mi*ate)-.7 ...<£*&*..*.....rf&^.^irnsu*uudL _____

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
:~^y ast^t^?4&«.. 'Zl.....*.....ji^ ^**v-:.....Z.....1ZLI.1I.1Z1II

6. The means of withdrawing such water from the groupd and the
location of each well or other means of withdrawal..^5feCs<£t<____
.....^? x^%p.....

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....}f9tA^yK^iM^LCL...../ Lr* A.....

8. The depth of water table.....A C / ^ J'..(JL ^ ^ J.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater.f..b..j!U^v..f.&yfaKuL<y...J.....
.....UJ.....

10. The estimated amount of proundwater withdrawn ea.'h y-ar... J< J>_y..&.£..(.....J^JCC^>:..^.....

11. The log of formations encountered in the drilling of each well if available. -<i<^*^£^li<..v£<C^f£c.....

12. Such other information of a similar nature as may h'e useful in carrying out the policy of this act, including
reference to book and page of any county record... wJ-tfe-ft 3 ^..f....jCt^uy^.....-£..'/6.....

Signature of Owner. ^ £ < > < ^ ^ r t ^ A Kumpf

Date....; ^ ^ ... ^ ..ZZ...^.

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, ao state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to th: state Engineer; Triplicate to the Montana Burtta of
Mines and Geology and Quadruplicate for the Appropriator.

SECRET

—S*£*r_.,_r
??.....^^""^31

File No. — SW*

T — s —

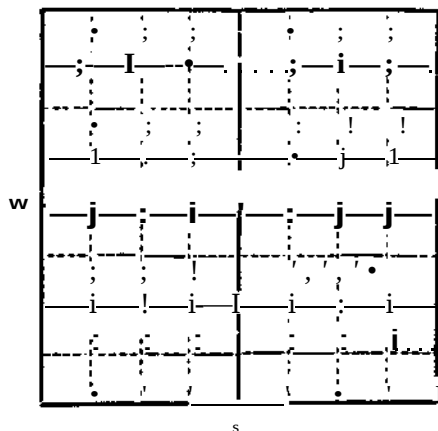
County —

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1. Name of owner of well or other means of withdrawal
J L J J ^ M ^ J V J J J J J

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

I, J L ^ Z ^ ^ + 1 J A ^ L L of H I / ^ f ^ L S
(Name of Appropriator) / (Address) (Town)
County of L ^ & 4 ^ J ~ j L r ? L 3 f State of U - M - have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based is for irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since 1950

4. The amount of groundwater, claimed (in miner's inches or gallons per minute) 100

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

X. 100 acres. See T. 2 N. 10 S. R. 10 E. Sec. 10
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal See T. 2 N. 10 S. R. 10 E. Sec. 10

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater See T. 2 N. 10 S. R. 10 E. Sec. 10

8. The depth of water table See T. 2 N. 10 S. R. 10 E. Sec. 10

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater See T. 2 N. 10 S. R. 10 E. Sec. 10

10. The estimated amount of groundwater withdrawn each year See T. 2 N. 10 S. R. 10 E. Sec. 10

11. The log of formations encountered in the drilling of each well if available See T. 2 N. 10 S. R. 10 E. Sec. 10

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 See T. 2 N. 10 S. R. 10 E. Sec. 10

Signature of Owner J L J J ^ M ^ J V J J J J J
Date 10/1/62

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

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

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

1

1944

1945

1946

SS«03 GW : Roised iw>
STATE PUBL. ENG. COMPANY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Mont«n» Session Laws, 1961, is amended)

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

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

Owner PFTTIT 76&SHE9 Garmen Meadows

Address *****V^1

Date well started Dec 6-72

completed Dec 6-72

Type of well drilled

Equipment used rotary

Water Use: Domestic Q Municipal (2 Stock • Irrigation Q

Industrial • Drainage Q Other •• Garden/Lawn •

•Describe

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

ESTIMATED ANNUAL WITHDRAWAL ??^»000

Sit* at Drilled Halo	MnTud WdtM of Cvtof	rma (Fact)	To (Feat)	PERFORATIONS
7*	65/8	top	190	Kld Sb nonfe "roca" "«" To «>»



Static water level at 31 CIB-oloM-
Pijntnijg water level 300:-to*yt. liQ tpij f-1 111111
at Q gallons per minute,
measured minutes after pumping began.

"Measured from grcugg^veei.

Well de^oped by for hours.

Power Pump HP

Remarks: (Gravel packing, cementing,

packers, type of shutoff)

^jk/\&c5* Sec ?w.

T.Zk* &RJL\$±

f

W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Lill^jayers Ir.c

Driller's Signature

Driller's Address

LICENSE NO

Show exact depth of bottom

County ..t.JT..tl>

DRILLER'S LOG

Indicate ^ cha racter, co ^, ^, ^
neES ^ sfrata such as ^ day, sand,

gravel, shai, sandston e, etc show

to W^ ich w lEt JL

Top of Ground (Ele» above »»ieren

FTM» To (Ff»o

U *! " o ro sana^ eJ_a^

ur.. ^*-3j^

A00 ic'3 nr^v&l ;* clay_x

^5f -1 JEj! ?ZZ-

STATE OF MONTANA
COUNTY OF HILL

Filed on 10/1/11

BY _____

Copu.7

~ 7'

File No. =**

T-2M -K 3L2 JL U

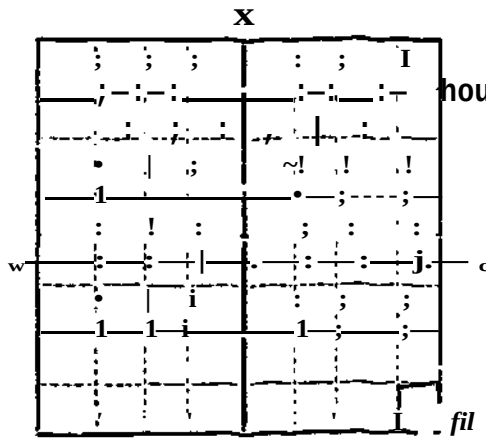
Cotmty. Jathad

STATE OF KOHTAHA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE KNOWEEE

Declaration of Vested Groundwater Rights UWMEER

(Under Chapter 237, Montana Session Laws, 1961)

1.tteJLBn...Hj.-Jto^J.flr. of Route. Xalispell
(Name of Appropriator) (Address) (Town)
County of Ela-EhAsd. JState of HQatADa.
have appropriated ground-water according to the Montana laws in effect prior to January 1, 1962, as follows:



SE1 A S E I / H S E I / • »

.....y^..... Sec-?- T?H K2J2V

Indicate point of appropriation.
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based household, domestic * yf.a.lt«jrlng.^atos^ and Irrigation of garden and yard.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous; ever since mjthe; ^ar^J. 9-00 approximately
4. The amount of groundwater claimed (in miner's incites or gallons per minute) iP....g.alloaj...pejr...Bjhj.utjB
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 1/2 acres... windbreak.ar.«»...XA&etaJb.lf....)jLn.d..... fruit gardens »..lawn.;.....Jle.l9iJ...JlJ...y-QL«L«r.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor, .dry injg _a _jet...p.uj«^j_1^2...hor«« motor
7. The date of conunencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.About 1900 as to digging the.wall.i..t.h.a.t.«.l.e.c.tjC.lt.C.«9.t.0Jt! was inatalled..about..1.9.^2
8. The depth of water table...10 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater....Dug...«e 1.1...about...4...feet...Ip...dl.ame^e.rL»...about...l|B...jf«iet...jd#opj»
10. The estimated amount of proundwater withdrawn each year....?A9.r?9..?.....2*A^?
11. The log of formations, encountered in the drilling of each well if available Ito .t.avilable
12. Such other information of & similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. I know of. nO...Q.t]xe.r...3.lMl3.r...In.f.0.r.'«a.t.i.o.n

Signature of Owner /

Date ??..?e ..b?!!L- ?.^i..i?.\$.?

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 itate, 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.

23228

631 Dec
631 Jan
20 H.

IvI4/*J

5*Jsd on tie.E_.dcy oidtsJLtL..
JLDA32lat2ES.qClackJjbl

22J?^.

B y  Deputy

File No. 3W*

T. L.B.

County.

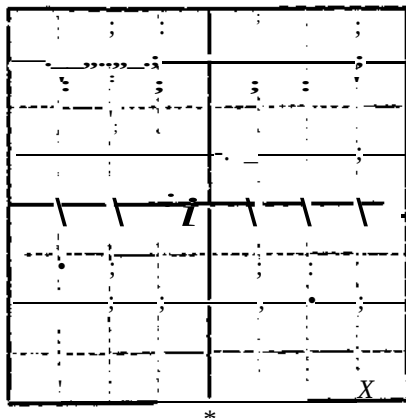
STATE OF MONTANA.
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights 6 1964

(Under Chapter 237, Montana Session Laws, 1961)

MTIMPCO
COUNCIL

I, James of Appropriator (Address) _____ (Town) _____
County Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based—for irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been—since 1962

4. The amount of groundwater claimed (in miner's inches or gallons per minute)—1000

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

Section 24

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal—well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater—1962

8. The depth of water table—100

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year—1000

11. The log of formations encountered in the drillings of each well if available—see log

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature James of Appropriator

Date June 1, 1964

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

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

Return 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.

/of"*" **

.v ^ .H-

f_p. ? f* F I V E HTL

—L". JA.n 6 1364 1-^

STAJ L LIIOIN tER

(Town)

hart appropriated ground-water according to the Montana laws in effect prior to January 1, 1962, as follows:



J««c<.. V^i 3...>«...^U*« &*—r-t ^T... t#%... t...

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

&\$* 3WK*-A*-"|*-«*tA.....a<C!Q**£. .£. Or*^Xi^,

Indicate point of appropriation and place of use, if possible. Each small snuare represents 10 acres.

➤. The means of withdrawing such **water from the ground** and the location of each well or other means **of withdrawal**.

g^d*c-Z^t-«-L. y3o-»^/S^Vr-.//*,../>†.

7. The data of commencement and completion of the const motion of the well, wells, or other works for with-
drawals of groundwater.....*fio . r^*^*^" -*^*^<rt^*^*^.....

8. The depth of water table... 3*0 ..£+*

9. So far H it **may** be available, the type, size and depth, of each well or the general **Kf«tfia?on»** of any other **workfor** the withdrawal of ground water %&*. ** f CATM4CU>... x^*^...^...^r^M....Cffr^*r^...

//O.fE^.(Zf*fZ-^.....k/tt^X, -Ui>~t~*~iù..Jp y^~i^~j^O ./C^ty^..JZya____L*Vt~*.....G*r*uEr.
/U^rw^Nn^.....i)6ur->y. <.....Jl|aJc£ e*f /oSrff**

10. The estimated amount of jmmn<hvattn- witjulr 'yn .. t\ year ..Gaa J&S ?*.***—C*ct*& ..asi..2L/?*0 ty/3**i "/4^.

11. The log of formations intersected in the drillhole of each well if available. ...CSC^L*

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

inferred to book and page of any county $\leq$ 3 *£- < *v-f $t_7 T \leq$ i... fVit-^i.. -d*^> ^r^r.....4r>*ust-

V TYVIA 3*r- t^^To^ oi^t l^r-t*. ^C^t^e ^fCf->r_n0 «^ . l^Ww^._';.

-ijnature of Own^rO^-^t^t^ ?/*?*/f^jC ..

Date V[^] < W' l L[^] . j f ? . X ..

Three copies to be filed by the •:wmr with the County Clerk and Recorder of the County in **which the well is** located.

Please answer aii questions, *li* aoi applicable. »o staic ofarrwise 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 OROPLV, and Oadradicadn for the Appropriator.

22827

UNITED STATES OF AMERICA
DEPARTMENT OF COMMERCE

OFFICE OF THE SECRETARY
WASHINGTON, D. C. 20540

1971

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5877

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATE BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237-Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed
by the owner with the County Clerk and Recorder in the county in
which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the
form may be returned.

Owner ifrcan aaulAaaa.

Address ...HFH**..3.....

.....g-nn-wr, wmtjn.....

Date well started ...?/*>* %*..1572.....

completed ..Amy .ft. 197?.....

Type of well.....\$Tille<J.....

Equipment used.....4&T_3Bt9X3.....

Water Use: Domestic ft; Municipal G Stock Q Irrigation •

Industrial Q Drainage Q Other *• Garden/Lawn XX

•Describe.....

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).

ESTIMATED ANNUAL WITHDRAWAL.....9f^60»800.....

Sk« ml united Hal*	«<» «< i" Fr« wtt^t : ,r«t) <r««)	To	PERFORATIONS
	Kind	Pro-	To
0014!	i		
6 5/8" i 63*8" 271*	i Torch	63*8"	8V8"
	« j		1E3

	Static water level150.....ft.*
	Pumping water level.....227..ft.*
	at .1&3S11.....gallons per minute;
	measured ..JLOJ&iinutes after pumping
	began.
	'Measured from ground-level.....
	.Veil developed by Air Lift Ptjb>
	for...TE.....hours.
	Power...Olle!Cl«L. Pump...i50..... HP
	Remarks: (Gravel packing, cementing,
	packers, type of shutoff) All Wfttff
	«rt«rtag mil through cradcal and i
	seas»-ia.nx^below 26* fe«tf
	HaOla ia thla area can.ij«.....
	d«P«oded uPOQ to pradnca cletg

INDICATE LOCATION OF WELL AND PLACE OF USE. IF POSSIBLE?1*»11
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature.....V-y>T*.....

Driller's Address ikmte 2.

K-j.ji^r^n. Ifantana..... LICENSE NO.....5 2

-271 Shew exact depth of bottom
later rlaea In veil 150 feet fro«

" * - Sq, W J

DRILLER'S LOG

Indicate fthi cha racter, cqr, ^
ness of strata such n SQJ c)ay ^
gravel, shale sandstorie, etc. S^TM
he ght * J * « ** ^ J f in well.

Top of Ground AgnTCX as; ibor « i«n -311QQ

FTM To

0 1 JE0gMil

1 *** W?Wt BTT^i *Vn1*virT

B^fl&gfltgmI

56 72 Gray, s. on red brown rock

E..~2L. 9SSSLJ3S^k

97 -119. Qwyttt! JLTwin TOIC

^ [<*>«* « * * - - - >

126 264 Qr«o farom rock. IB GEM

L.26A.JSZL. flgwn.gnfl|g> --IBflEBL

I 5LJ Mod tr— wt«r yw tour ^B3F ss Us* •« thwy «• no* owagy d. i.«.t
• tj^y rfwald b» pov«* «t rttM no* la •firiwi or 90 to 60 p«ro«nv « «-^,— , f

Equipment used.....^M-x;..uyal*..jc.....
(CSum drill, rotarfj ot other)

Wafer Use: Domestic JQJ; Municipal [2 5lock Q Irrigation -r^

Industrial ^ Drainage Q Other ~j* Garcen, Lawn Q

'Describe
USS: If used for irrigation, industrial, drainage zr ether. Exciar-
s>te -urber cr acres ird :cc3" c- tr c'her ca*2 (i.e. Let, =lct;
and Addition).

ESTIV^TEO ANNUAL V/I THDW.VAL ... ^.^k^D.^OO

*U« *T Drillrt Hate	»L" »nd Wrtjilil gf Cmlng	from , FMI	to :F«t)	PIREFDKMIDNs	Kind	From	To
gn	3 5/8"	ikC-	C3'3"				
	6 5/3"	ej'S"	271'	larch	63'3"	54'S"	

Ent t

atic water level. . . . 150.....ft." 3
Pumping water level. . . . 227 ft.*

Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Address - Kalispell 59901

AS the Administrator of the State of Montana, please take
note of the following special instructions, in order to properly protect your ground-
water right.

Special Instructions:

Please provide the county filing information for the attached form.

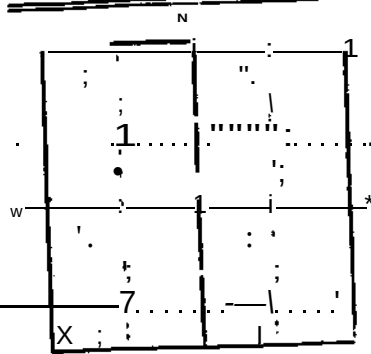
Thank you.

Equipment used - *aE fK S<CT... *EEE-EE'EE'M"<MH)...
Water Use: Domestic a Municipal Q Stock n Irrigation D
Industrial Q Drainage o Other D* Garder/Lawn Q

Describe...
USE If used for irrigation, industrial, drainage or *J^r ^Pf"/
state number of acres and location or other data (... Lot, Block
and Addition)...

ESTIMATED ANNUAL WITHDRAWAL - ^t^<^==^i==^==

SST | ^C-taf | Kto4 | F>>- | J ^
R< 8 s^ 8" | 113n G/2>n | : | *
o 02 x^y^ | : | *
6*^8" ^ 8 " U ' | TOTCH 63'8" 84'8" | J
w^w



Static water level.....L5U.~<"^
Pumping water level.....221-ft.
at1JGZ1.....gallons per minute,
measured 10 minutes after pump<ng>
beaan.
-Measured from ground level ^
well developed by <4Z..>E&-&&.
for^j.....hours.
Power-iae. ael- Pump-ISO -HP.
Remarks: (Gravel packing, cementing, etc.)
gGa=3..*o>..cii..6aUw-<t*k--iC^dlr | 1 | Zj

fl^B «g^g»lOWl RftistdlW
^B^B

*r2'5ir>iitut'««^COTM*H*F*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

PIBILERS LOG
DRILLER* uwvr

ate the character, color, thick-
ness, data ^ ^ ^ day sand
n«sj ^ sandstone, etc Show,
and

Please answer all questions, if no, applicable, so « * . otb.rw.se .he
form may be returned

Ov/neri&XXffl..2oyl«ifitt

Por Administrator's Use

Address ^E.OUXft.J

File

Xallflpell^liffitana.

Date well started J m . ? . * . ^

GW 1

completed ...Jun8..^.-1372

Type of well.....y?^Jr.ed.....ip^^i'towToTdHiiii

Equipment used.....ft**«w.....*.....i^^'driiirouo «(h«)

Water Use: Domestic & ^micipal D Stock Q Irrigation D

Industrial D Drainage D Other D* Gard*n/Lawn Q

"Describe....."

and Addition).

ESTIMATED ANNUAL WITHDRAWAL.....9 i ^ ^ ^

^ nom i K i r/s j F

6^8" 6^8-ien-' jarch 63^8" >>>8- ^T.

Static water level.....150 ^ - ^ *
Purroing water level.....411-^*
ar ' ViOZ!.....gallons per m.nute
measured ..IQ5minutes after pump.ng^
beaan.

Measured from y o g . ^ p . ^ - ^
Well developed by * - ^
for If- ..hours.
powerliUael.- Pump -i50-- ^HPI
Remarks: (Gravel packing, cement.ng.)

30WZ Rnil(d1 M ^ ^ ^ ^ "

county-5^ihesd

STATI OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY WEANS OF WELL

Developed ,fter January 1, 1963

(Under Chapter 237 Montana Session Laws, 19^, « amended)

This form to be prepared by driller, an<J three copies to be filed
by the owner with the County Clerk and Recorder in the county in
which the well is located last copy to be retained by driller.
Please answer all questions, if not applicable, so state, otherwise the
form may be returned.

DRILLERS LOG

Indicate the character, color, thick-
ness of strata such as soil, clay, sand,
arav«l shale, sandstone, etc Show
depth ar which wa.er « found ard
height to which water rises in well.

Top of Ground /TT.I X (Eia.ito»fai«tn ^-^~

owner Ifcraa-Souito

Fof Administrator S Use

Address ...Eottte.3

File

Date well started _i.« E. ^..1972

GW 1

completed -J»ruat..8-1972

Type of well ...Dialled

(Dos. dr«9. bord or drilled)

Equipment used.....A*3C.8fitSSBr

drill, roury ot other)

Water Use. Domestic Srfc Municipal fjl Stock Q Irrigation Q

Industrial Q Drainage D OtKar Q* Garden/Lawn S

*Describe
US: If used for irrigation, industrial, drainage or other. Explain,
53fe number of acre* ;nd locsfion c, other data (i.e. Lot, Block

and Addition)

ESTIAAATED ANNUAL WITHDRAWALOt^A

Hh

0*1

Bn

85/8"

i»8"

63*8"

6 5/8"

63«8"

271^f

Tech

63^f8"

8^»8"

Static water level.....L9Q.....ft.
Pumping water level.....227-ft.*
at ...WGL.....gallons per minute.
measured ..105^utes after pumping
began.

-Measured fron. ground level.

Well developed by Air:Lift:~?a5>

for ...V.....hours.

Power...iJAeael- Pump...i50. HP

Remarks: (Gravel packing, cementing,

...5M..V* .SJ..V* Sec. -i. svj^a.xn roc^..fcclcu.g,v4.xc.vit.

T...23...N R..22...« TIella.ia- this, area can Jbe...i

"^ w depggtol.^?«a.tQ..crefc:c.g, clidF

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBlr^
EACH SWALL SQUARE REPRESENTS -IO ACRES.

Driller's Signature _\.....v-^r-v.....J^..-l.....N,"T

Oriller's Address.....HautA.Z

LICENE NO 52

S hovtf e!!f, A^, of zT~

later* riaea i nvel.15C : ottir^a

50.917

5

Cent'a

clear sand free water year after year as long as they are not overpumped, i.e.»
they should be pumped at- ra-as not in excess of 50 to 60 percent of the . .
tested capacity of the aquifer.

Doc No. (P? * < < / . 4 * ^ 7

Filed for record

this 13th day of July

o'clock P. M.

file

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Mont. Session Laws 1961, as amended)

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

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

DRILLER'S LOG

ness of strata such as soil, day, sand,
shale, etc. Show
height to which water rises in well.

Top of Ground

Top of Ground	IndicM?	bc~	ict	lfljfv
7^	*	VZ*6-^Q	ALS*?	^
		a^		

«*~i~"~:~...«* | t%sn. | —•:~4^~ - ? -

Date well started rri«trtVi*~...71:6W 1

complete^,.

Type of well ...J>^tu*U-£ijC!r!f.

Equipment used f • r-AI L^M^yMALJ^J^VCJL
(tnogl drill, rourr o» odier)

Water Use: Domestic (^ .Municipal G Stock • Irrigation •
Industrial Q Drainage Q Other Q* Garden/Lawn Q

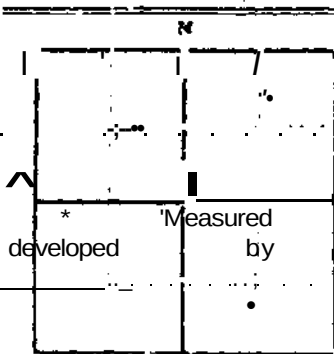
Describe

USI: if used for irrigation, industrial, drainage or other. Explain,
s^re number at acres and location or other data (i.e. Lot, Block
and Addition)

ESTIMATED ANNUAL WITHDRAWAL

Mn ml ; tin W4 ; rival ; T« ; Fno
S * W E r»n«At«M

fV// 10 Qy.



Static water level

5" & ... ft.*

Pumpino^wafer level jfj-pL...ft.*

at Jt.P...gallons per minute

measured ... minutes after pumping
began.

from ground-level

TJ-ULJU^

or &? hours

Power Pump... HP

Remarks: Gra,ti packing, cementing,
^acxtrs, type ;t shutou)

INDICATE LOCATION OF WELL AND PACE OR USE, if POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller, Address 7 " ^ -T..^ tA&C*. A*

^0JU^iJJ&!% ySI**** LICNSE HO...../P

11 A " ^ L Show exact depth of bon,m

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... ..

J # , V

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Location TT: _____ T. _____ Sec. ^
n_{ec}. No. 14, S29 and 14, S29-1 _____

Thank you.

no. 14,529 $\frac{1}{2}$ _____

f
OfintNiiwn www

p^fe*^>>^

Water Use: Domestic r^ Municipal • Stock E] Irrigation Q

*Describe

Industrial Q Drainage • Other Q>> Garden/Lawn

i-

USE: If used for irrigaffon, tnduifrial, drainage cr other. Expaiir., state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

D&2 itoi* W*^? ! *E> j <E«) , PBTORATIONS

"c'A> i 5 T I / ^ ^ > *

Static water level.....jT.<? ...ft."

Pumping water level ...>f'/.U^...ft."

at....*3-M gallons per minute/
measured.....minutes after pumping:
1

'Me«yred from ground-level.

for....kZ.....hours.

Power.....Pump.....HP

Remarks: (Gravel packing, cementing,
packers, type of shutoff)

INDICATE LOCATION OF V/Ea AND PLACE OF USE H= POSSIBLE
EACH SMALL SQUARE REPRESENTS 4C ACRES.

OnKer's Signahire/..I.....

Diller's Address/...t-^t^-C- /V.

!7^^y*-...v!?^^'-UCBISENO..../^

ISI^L Sow ««« dph of brrn

County

STATE OF MONTANA
ADM.N.STRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

ness Qf s frafa Such as A day sapd
s ravel shale san tone efc shcw
" ^ " * " * fo und * . ?
^ " ^ " * " " " w c "

Developed after January 1, 1962

(Under Chapter 237 Montana Session Uws, 1961, as amended)

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

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

Owner ^O* ^ .-r" ' ^ ".• ^ -" LH
 wwwer ^ .-r" ' ^ ".• ^ -" LH EQ: Administrator's Use

Address il1... File i^Sjtl.....

Date well started ..cv..x:;>../'.....7:..GWI.....

completed *zi..L:~ZiJz*/.Z.\$r*

Type of well..... (Out, drivn, berdd or drilled)

Equipment used ~::r...r^...{.i...i...^;i,^'^^..£.«^^..^^.U_B^i«,
(Our« drill, rotary or other)

Water Use: Domestic [^ Municipal • Stock • Irrigation (H

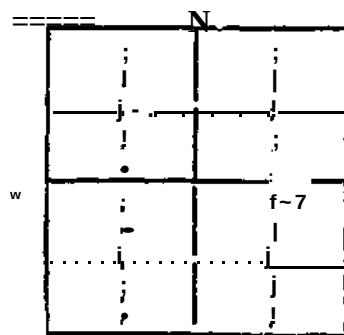
Industrial Q Drainage Q Other Q* Garden/Lawn •

- Describe.

OSf: If used for irrigation, -ndustr-s!, drainage zr ether. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).....

ESTIMATED ANNUAL WITHDRAWAL

«» »f	Sin M*4	Frsen	To
Nate	•rCatac	!	=====
?«£&	i 3 T	i/c-o% - j << , ">	
	i	i	i
			r
			1-



Static water level O...!k<...ft.*1
Pumping water level ...J.l.ij.ft.*
—at___o...«i.....gallons per minute.i
measured.....minutes after pumping
began.
'AAeasured from ground level, ,
Weii developed by ~•~J~LXCX*...•
for.....k5».....hours.
Power.....,....Pump.....HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

^....}/A ..:-'_* Sec....: . . .
T . . . fun i.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE
EACH SMALL SQUARE REPRESENTS 40 ACRES. / X —

Driller's Signature **S.JL**Driller's Address 7.../...T.....:~<-4*4^f~<-~*^m<<_____

.. "v^d. ^^^^ *but* . LICENSE N O..... /? . ^d y^1 Show e ^d ^h c f bottOT



—.....w>n r

.,—issf^.

H
•

File No. _____

T. _____ R. _____

County. _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

Contractor (if any) _____

Address of Contractor _____

Date _____

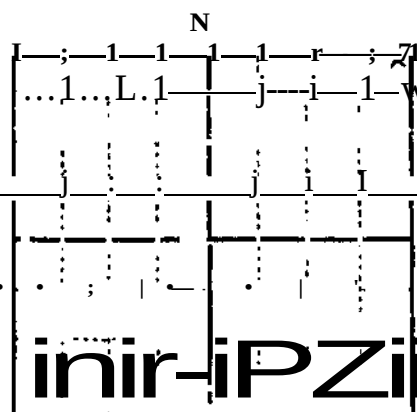
Started _____

Completed _____

Complete _____

J _____

J66



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable, _____

Depth, depth to water _____

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use intermittent _____

estimate approximate lengths of periods of use _____

ao, saUons per minute, measured with _____

secijon _____

Signature of Owner _____

Date _____

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 Appropriates.

yV^d^i.....J^Agtfet

.....j#).J.

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JW^/?^**/^

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Oonnty-JlafchMd.....

MONTANA BUREAU OF MINES AND GEOLOGPt - <v ^ r-N
Butte, Montana

WATER WELL LOG

S	4
i	i
J	J
j	j
1	1
1	1
1	1

AlfMd tf.QswUf-on & Barold K4 Outtafaoo o 1 M 1 i C .Uiiih.ilK
r^r^atrg Qff^y flyf,ff<rflft Address_*v?4ff* iT^nt<.....

DriUer...?^?^?^* Address.....

This w«2l MM UI us* iftra pi-a—nt OMMT_ntrebaicd this
Date Started^...^...&AML Date Completed.....

Location: Sec...J^...T...J3B...R.32...A sec...JE-4—BR-I-.....

Type of well...Car (Due. drtven. bored, or drilled) Equipment used... (Cham drill. roUry. other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☐ Drainage ☐ Other:.....

Casing:,mxtom.....ft. to.10.....ft. Tyve+amiMM-.....Size^ll.....

Casing:....li.....ft. to... Ig.....ft. Type...Ot#«a.....Size...J4.....

Casing:.....ft. to...~.....ft. Type.....Size.....

Perforated or Screened: Ft—3£..t.....to ft...33...t.....Ft.....to ft—.....

Type of screen or perforations.....fbtt.....

Static Water level, for non-flowing well:.....feet.

Shut-in pressure, for flowing well:.....lb. sq. in. on:..... (date)

Pumping water levelL...??5*;,^*rS*.....feet at.....gal. per min.....

How tested.....

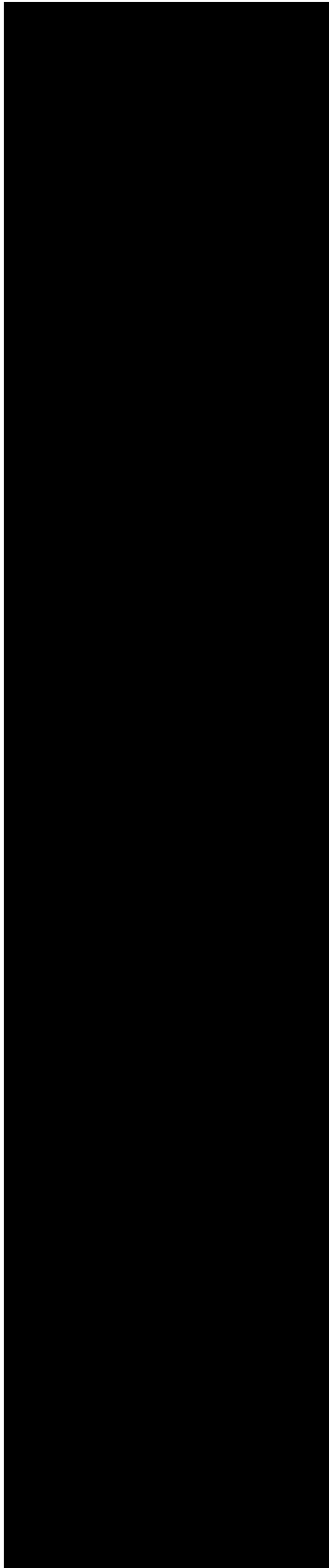
Length of test.....

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

^^B
^^^P

Depth, feet		I	Description of Material Drilled
From	To		



(Under Chapter 237, Montana Session Laws, 1961)

County of W Jefferson, State of Montana,
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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.....CorrfdlTtoUS VSSH..sir;CO _____
abirafc. 10.10. _____

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....Thr. ^lloos-aer-»irasc-

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

wid la?othBr, a» oh«e& <a^l«fe_____

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawalTM.....
 "tflp looate>: at jjolftt- "S¹¹ o<-3>lat.....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... Barr af- atcte^ »n «c. 3 a^orns.....

8. The depth of water table..... A, «BKwV«tP-l^..3^.?e*:

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year.....1250m.³/yr.....—.....

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

12. Such other information of a similar nature as may be useful in carrying on the policy of this act, including reference to book and page of any county record. . . . :ono.....

Signature of Chroer;^^..^^r^^^ji^..<<r^^f7>

Date...12-..27». ^3.....—.....

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, IO 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.

12598

630 Dec
63410
J. E. M.
224

j@t>! GW : Reviml WM
STATE PUBL SHING COM PANY

CourtTY—Fhxiz&&i2&

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATK CODE
MONTAMA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Dtvelofaod after January 1, 1962

DRILLER'S LOG

Indicat2 the character/ colaf/ thick-
ness of sfrac such as soil# day> sand#
S ravel shale **nd*<>TM! <<* SH™
he jnt * g * £ ^ ^ ^ ^

fl^B (Under Chapter 237 ftrVwitwu Session Laws, 1961, as amended)

This form to t>e prepared by driller, and three copies to be .Filed
by the <wn>r with the County Clerk and Recorder in the ccuring in
whkh the well is located, last copy to be retained by driller.
Plest* answer sll questions, if rct applicable, so state, otherwise the
form m>y be returned^

Top of Ground ga-ct. bore <a it~q

Overr_ft^..-fjiw—..... For Administrator's Use

Address ^afct<6>>U---..... Re J. ^ . 4

.....^cafcassa-SSSOI..... - | .H*)ai..^Z5,L!f22-

Date well started UjtfeSfc-is-, -1975..GW 1 ..J.://2..../L\..u'?.r.

completed fef<te~>r...J57>|.....

Type of well -..3r/vi.*ii&.....

CDat. itita. bored or drilled)

Equipment used -..i, -Lrv*.....
i<Mauj (Omni dhl, rotary or otk)

Water Use: Domestic Ej Municipal • Stock • Irrigation •

Industrial Q Drainage Q Other Q* Garden/Lawn •

Describe.....
USlr If used for irrigation, industrial, drainage or other. Explain,
state number of acres and location. or other data (i.e. Lot, Block
and Addition).

ESTIMATED AJSJNUAL WrTHDRAWAL

S5w tutt	SdS or cmin	Sm	JZn	PERFORATIONS
0	P	V	I M.	KM ; From ; To
I	i	!	!	I I I

Static water level T3EJ-.....
Pumping water level ^fr*.....
at ..at..... gallons per minute,
measured^ minutes after pumping
"Measured from ground level.
Well developed by ..*>.....
for ..*..... hours.
Pow<tr..... Pump..... HP
Remarks: (Gravel packing, cerrienting,
packers, type of shutoff)

'4.. '4 Sec-ij..

T...5f..... NR...aa..... A

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SAAAL SQUASH, REPRESENT^O /\$&&.

DnMler'SSi9natTjre>yy£^y^_...^L!!.<./..^~'K../..

Driller's Ad- -ess/..... "i^J^iir^*,.-!_>..*?

-*..*..!..... -iir^..... -..-..=^..xi- LICENSE NO.....<

..-ifl- _ ^ _ Show exact depth of bottom