

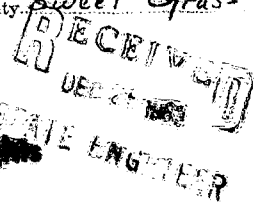
File No. 82-241

T. 2N R. 16E

DUPLICATE

County Sweet Grass

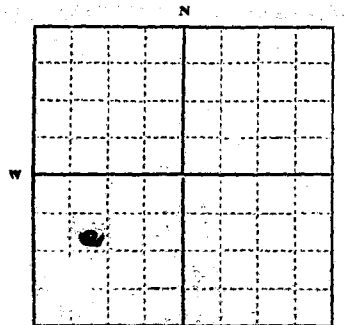
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Ludwig Albstad, of Big Timber,
(Name of Appropriator) (Address) (Town)
County of Sweet Grass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 2, T2N, R16E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

SE 1/4 NW 1/4 SW 1/4

2. The beneficial use on which the claim is based
Household & stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1920 Approximate
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
10 gals 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
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
SUMMER 1920 Approximate
8. The depth of water table
15 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
60 ft deep 6" casing
10. The estimated amount of groundwater withdrawn each year
250,000
11. The log of formations encountered in the drilling of each well if available
not 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
none

Signature of Owner Ludwig Albstad

Date Dec 23-1963

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

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

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

12788

82241

STATE OF MONTANA }
County of Sweet Grass } ss.
Filed this 23 day
of Dec A. D. 1963
at 5:10 o'clock P.M.
Archie Haines
County Clerk
by _____ Deputy.

File No. 82743T. 2N R. 16E

DUPLICATE

County Beauregard

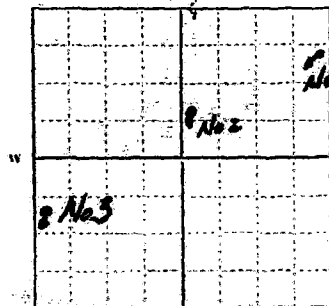
DEC 28 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 23, 1963Owner Ludwig Altestad Address Big Timber, Mont.Contractor (if any) noneAddress of Contractor noneDate Started unknown Date Completed unknownDescribe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. No 1 & 2 - gravity flowNo 3 - pipe into Tank

$\frac{1}{4}$ Sec. 2 T2N R16E
Indicate point of appropriation
and place of use, if possible.

No 1 - $SE\frac{1}{4}$ $NE\frac{1}{4}$ $NE\frac{1}{4}$ No 2 - $NW\frac{1}{4}$ $SW\frac{1}{4}$ $NE\frac{1}{4}$ No 3 - $SW\frac{1}{4}$ $NW\frac{1}{4}$ $SW\frac{1}{4}$

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

estimate approximate lengths of periods of use.

No 1 & 2 - 10 gals per minuteNo 3 - 20 gals per minuteyear around use.Estimated Flow in pipeSignature of Owner Ludwig AltestadDate Dec 23 - 1963

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

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

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

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.

File No. 57740T. 2N R. 16E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

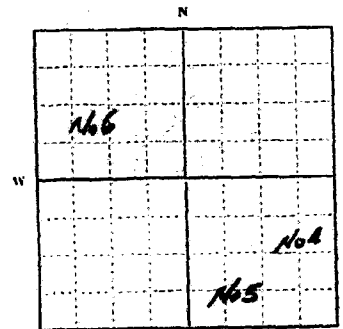
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 23, 1963Owner Ludwig Alsted Address Big Timber, MontContractor (if any) noneAddress of Contractor noneDate Started UNKNOWN Date Completed UNKNOWN

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

gravity Flow



$\frac{1}{4}$ Sec. 3 T2N R16E
Indicate point of appropriation and place of use, if possible.

No. 4 NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ (9)
No. 5 SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$
No. 6 NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$

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

estimate approximate lengths of periods of use

No. 4 5-10 gals per minute

estimate ditch Flow

No. 6 5 gals per minute

estimated Flow - year around use

Signature of Owner Ludwig Alsted

Date Dec 23-1963

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

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

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

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.

82240

STATE OF MONTANA } ss.
County of Sweet Grass }
Filed this 23 day
of Nov A D. 1963
at 5:05 O'Clock P.M.
Quinn Hansen
County Clerk.
By _____
Deputy.

FILE NO. 87841

T. 2N R. 16E
S. 33. 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
ADMINISTRATIVE CODE
OFFICE OF STATE ENGINEER

JAN 29 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237, Montana Session Laws, 1961)

Date of appropriation of Groundwater 12-30-63

Owner Leo Greer Address Littlefield, Mont

Contractor (if any) none

Address of Contractor none

Date Started undeveloped Date Completed -

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

gravity flow
springs originating
from underground
sources

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

used year
around for stock
water estimated flow
5 gals per minute

Signature of Owner

Date

Dec 30 1963

STATE OF MONTANA
COUNTY OF DEER CREEK

Having first been duly sworn, depose and say that he, the appropriator of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true

Attest my hand and seal of office, this

day of

1964

Notary Public for the State of Montana
Residing at

My Commission expires 19

34275

82841

STATE OF MONTANA, } ss.
County of Sweet Grass }

Filed this 25 day
of Jan A D 1964
at 4 o'clock P M
Anne Hamm
County Clerk.
By _____ Deputy.

G

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

82859

DUPLICATE

T.

S. N. R. 16 E

County

Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

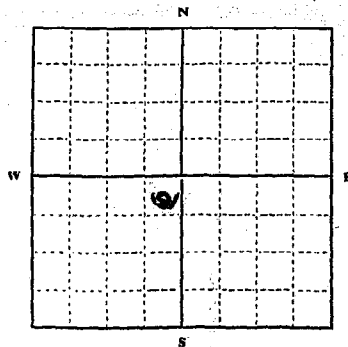
R

JAN 29 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leo Crener, of Helville
(Name of Appropriator) (Address) (Town)
County of Sweet Grass State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 5 T2N R16E

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
stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
2 gpm 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
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
started & completed 1950
8. The depth of water table
UNKNOWN
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

Date

Dec 30-1963

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

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

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

34293

82859

STATE _____
County _____
Filed _____ 25 _____
of _____ Jan _____ 64
at _____ 4 _____ P
_____ Rami Hama
by _____ Deputy

File No. 92869T. 2N R 16E
County Sweet Grass

DUPLICATE

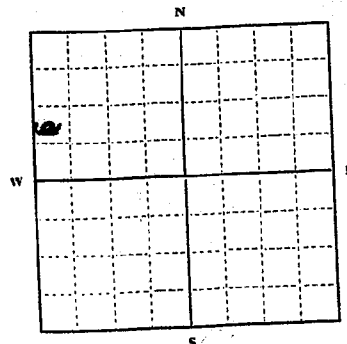
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 29 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lee Greiner, of Melville
(Name of Appropriator) (Address) (Town)
County of Sweet Grass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: $\frac{1}{4}$ Sec. 7 T2N R16E

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
stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
to be drilled
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
15 gals 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
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric pump when used
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
to be drilled
8. The depth of water table
UNKNOWN
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
UNKNOWN
10. The estimated amount of groundwater withdrawn each year
250,000
11. The log of formations encountered in the drilling of each well if available
not 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
none

Signature of Owner

Date Dec 30 1963

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

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

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

34303

82869

STATE OF FLORIDA,

County of Duval.

Filed this

25th

day

of

Jan

A.D. 1964

at

4

Clock P.M.

Alma Harris

By

Notary

FILE NO. 82840

T. 2N R. 16E
SVELT AND JOHNS COUNTY

STATE OF MONTANA
ADMINISTRATIVE DEPARTMENT
OFFICE OF STATE ENGINEER

JAN 29 1964

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-30-63
Owner Two Crow Address Helleville, Mont

Contractor (if any) none
Address of Contractor none

Date Started undated Date Completed -

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes" include depth to water when applicable gravity flow spring originating from underground sources

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate length of periods of use estimated
Flow 5 gals per minute
used year around for
stock water (Crown Ranch)
Signature of Owner [Signature]

Date Dec 30 1963

STATE OF MONTANA
OFFICE OF STATE ENGINEER

Having first been duly sworn, depose and say that he of lawful age and the appropriator of this order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person who subscribed thereto, as the appropriator and claimant, that he knew the contents of said foregoing notice and that the matters and things therein stated are true

Subscribed and sworn to before me, this 1st day of January, 1964, at _____, Montana.

Notary Public for the State of Montana

By Commission Expires _____ 19__

34274

82840

STATE OF ALASKA

County of Sitka

Filed this 25

of Jan A.D. 1964

at 4 o'clock P.M.

By Anne Haim
County Clerk

By Deputy

FILE NO. 82837

T. 3N R. 16E
SWEETGRASS COUNTY

STATE OF MONTANA
ADMINISTRATIVE DEPARTMENT
DIVISION OF STATE ENGINEER

JAN 29 1964

STATE ENGINEER
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237, Montana Session Laws, 1961)

Date of appropriation of Groundwater 12-30-63

Owner Leo Camar Address Melville, Mont

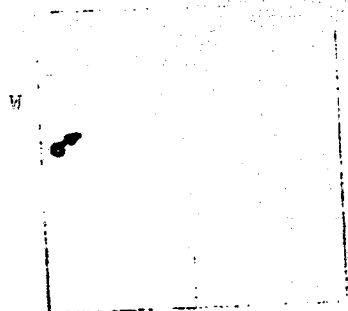
Contractor (if any) none

Address of Contractor none

Date Started undertaker Date Completed -

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

springs used year around for stock water



Sec 9 T. 2N. 16E
Indicate point of appropriation
and place of use, if possible.

SW 1/4 NW 1/4 Sec 9

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If used is intermittent estimate approximate lengths of periods of use estimated

Flow 5 gals per minute
used year around for
stock water

Signature of owner

Date

Dec 30/1963

STATE OF MONTANA
COUNTY OF SWEETGRASS

Having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name is subscribed hereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters therein stated are true

Subscribed and sworn to before me this 19th day of

Notary Public for the State of Montana

My Commission Expires 1964

34273

82839

STATE OF NEW YORK
County of Westchester

Filed this 25 day of Jan 1964
at 4 o'clock P.M.
by Wm. H. Hume
Deputy

JW 3

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

File No. 82239T. 2N R. 16E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

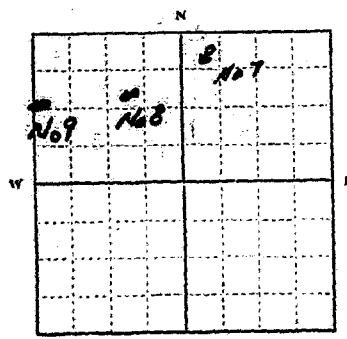
RECEIVED
DEC 26 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 23, 1963Owner Ludwig Alsted Address Big Timber, MontContractor (if any) noneAddress of Contractor noneDate Started UNKNOWN Date Completed UNKNOWN

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

Gravity Flow

1/4 Sec. 10 T. 2N R. 16E
Indicate point of appropriation
and place of use, if possible.

No 7 NW 1/4 NW 1/4 NE 1/4
No 8 SW 1/4 NE 1/4 NW 1/4
No 9 SW 1/4 NW 1/4 NW 1/4

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

All springs run 10 gals per minute estimated flow
year around use

Signature of Owner Ludwig AlstedDate Dec 23-1963

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

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

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

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.

12786

87239

STATE OF MONTANA,
County of Sweet Grass } ss.
Filed this 23 day
of Dec A.D. 1963
at 51.00 o'clock P.M.
Arne Olsen
County Clerk
By _____ Deputy

1/2
1/4
1/8
1/16
1/32
1/64
1/128
1/256
1/512
1/1024
1/2048
1/4096
1/8192
1/16384
1/32768
1/65536
1/131072
1/262144
1/524288
1/1048576
1/2097152
1/4194304
1/8388608
1/16777216
1/33554432
1/67108864
1/134217728
1/268435456
1/536870912
1/1073741824
1/2147483648
1/4294967296
1/8589934592
1/17179869184
1/34359738368
1/68719476736
1/137438953472
1/274877906944
1/549755813888
1/1099511627776
1/2199023255552
1/4398046511104
1/8796093022208
1/17592186044416
1/35184372088832
1/70368744177664
1/140737488355328
1/281474976710656
1/562949953421312
1/1125899906842624
1/2251799813685248
1/4503599627370496
1/9007199254740992
1/18014398509481984
1/36028797018963968
1/72057594037927936
1/144115188075855872
1/288230376151711744
1/576460752303423488
1/1152921504606846976
1/2305843009213693952
1/4611686018427387904
1/9223372036854775808
1/18446744073709551616
1/36893488147419103232
1/73786976294838206464
1/147573952589676412928
1/295147905179352825856
1/590295810358705651712
1/1180591620717411303424
1/2361183241434822606848
1/4722366482869645213696
1/9444732965739290427392
1/18889465931478580854784
1/37778931862957161709568
1/75557863725914323419136
1/151115727451828646838272
1/302231454903657293676544
1/604462909807314587353088
1/1208925819614629174706176
1/2417851639229258349412352
1/4835703278458516698824704
1/9671406556917033397649408
1/19342813113834066795298816
1/38685626227668133590597632
1/77371252455336267181195264
1/154742504910672534362390528
1/309485009821345068724781056
1/618970019642690137449562112
1/1237940039285380274899244224
1/2475880078570760549798488448
1/4951760157141521099596976896
1/9903520314283042199193953792
1/19807040628566084398387907584
1/39614081257132168796775815168
1/79228162514264337593551630336
1/158456325028528675187103260672
1/316912650057057350374206521344
1/633825300114114700748413042688
1/1267650600228229401496826085376
1/2535301200456458802993652170752
1/5070602400912917605987304341504
1/10141204801825835211974608683008
1/20282409603651670423949217366016
1/40564819207303340847898434732032
1/81129638414606681695796869464064
1/162259276829213363391593738928128
1/324518553658426726783187477856256
1/649037107316853453566374955712512
1/1298074214633706907132749911425024
1/2596148429267413814265499822850048
1/5192296858534827628530999645700096
1/10384593717069655257061999291400192
1/20769187434139310514123998582800384
1/41538374868278621028247997165600768
1/83076749736557242056495994331201536
1/166153499473114484112991988662403072
1/332306998946228968225983977324806144
1/664613997892457936451967954649612288
1/132922799578491587290393590929824512
1/265845599156983174580787181859649024
1/531691198313966349161574363719298048
1/1063382396627932698323148727438596096
1/2126764793255865396646297454877192192
1/4253529586511730793292594909754384384
1/8507059173023461586585189819508768768
1/17014118346046923173170379639017537536
1/34028236692093846346340759278035075072
1/68056473384187692692681518556070150144
1/136112946768375385385363037112140300288
1/272225893536750770770726074224280600576
1/544451787073501541541452148448561201152
1/1088903574147003083082904296897122402304
1/2177807148294006166165808593794244804608
1/4355614296588012332331617187588489609216
1/8711228593176024664663234375176979218432
1/1742245718635204932932646875035958437664
1/3484491437270409865865293750071916875328
1/6968982874540819731730587500143833750656
1/13937965749081639463461175000287667501312
1/27875931498163278926922350000575335002624
1/55751862996326557853844700001150670005248
1/111503725992653115707689400002301340010496
1/223007451985306231415378800004602680020992
1/446014903970612462830757600009205360041984
1/892029807941224925661515200018410720083968
1/1784059615882449851323030400036821440167936
1/3568119231764899702646060800073642880335872
1/7136238463529799405292121600147285760671744
1/14272476927059598810584243200294571521343488
1/2854495385411919762116848640058914282686976
1/5708990770823839524233697280117828565373952
1/11417981541647679048467394560235657130747904
1/22835963083295358096934789120471314261495808
1/45671926166590716193869578240942628522916032
1/91343852333181432387739156481885257045832064
1/182687704666362864775478312963770514091664128
1/365375409332725729550956625927541028183328256
1/730750818665451459101913251854822056366656512
1/1461501637330902918203826503709644112733313024
1/2923003274661805836407653007419288225466626048
1/5846006549323611672815306014838576450933252096
1/11692013098647223345630612029677152901866504192
1/23384026197294446691261224059354305803733008384
1/46768052394588893382522448118708611607466016768
1/93536104789177786765044896237417223214932033536
1/187072209578355573530089792474834446429864067072
1/374144419156711147060179584949668892859728134144
1/748288838313422294120359169899337785719456268288
1/1496577676626844588240718339798675571438912536576
1/2993155353253689176481436679597351142877825073152
1/5986310706507378352962873359194702285755650146304
1/11972621413014756705925746718389404571511300292608
1/23945242826029513411851493436778809143022600585216
1/47890485652059026823702986873557618286045201170432
1/95780971304118053647405973747115236572090402340864
1/19156194260823610729481194749423047314418080468128
1/38312388521647221458962389498846094628836160936256
1/76624777043294442917924778997692189257672321872512
1/153249554086588885835849557995384378515344643745024
1/306499108173177771671699115990768757030689287490048
1/612998216346355543343398231981537514061378574980096
1/1225996432692711086686796463963075028122757149960192
1/2451992865385422173373592927926150056245514299920384
1/4903985730770844346747185855852300112491028599840768
1/9807971461541688693494371711704600224982057199681536
1/19615942923083377386988743423409200449964114399363072
1/39231885846166754773977486846818400899928228798726144
1/78463771692333509547954973693636801799856457597452288
1/156927543384667019095909947387273603599712915194904576
1/313855086769334038191819894774547207199425830389809152
1/627710173538668076383639789549094414398851660779618304
1/1255420347077336152767279579098188828797703321559236608
1/2510840694154672305534559158196377657595406643118473216
1/5021681388309344611069118316392755315190813286236946432
1/10043362776618689222138236632785510630381626572473892864
1/20086725553237378444276473265571021260763253144947785728
1/40173451106474756888552946531142042521526506289895571456
1/80346902212949513777105893062284085043053012579791142912
1/160693804425899027554211786124568170086106025159582285824
1/321387608851798055108423572249136340172212050319164571648
1/642775217703596110216847144498272680344424100638329143296
1/1285550435407192220433694288996545360688848201276658286592
1/2571100870814384440867388577993090721377696402553316573184
1/5142201741628768881734777155986181442755392805106633146368
1/10284403483257537763469554311972362885510785610213266292736
1/20568806966515075526939108623944725771021571220426453285472
1/41137613933030151053878217247889451542043142440852906570944
1/82275227866060302107756434495778903084086284881705813141888
1/164550455732120604215512868991557806168172569763411626283776
1/329100911464241208431025737983115612336345139526823252567552
1/658201822928482416862051475966231224672690279053646505135104
1/1316403645856964833724102951932462449345380558107293010270208
1/2632807291713929667448205903864924898690761116214586020540416
1/5265614583427859334896411807729849797381522232429172041080832
1/10531229166857718679792823615459699594763044464858344082161664
1/21062458333715437359585647230919399189526088929716688164323328
1/42124916667430874719171294461838798379052177859433376328646656
1/84249833334861749438342588923677596758104355718866752657293312
1/16849966668972349887668517784735519351620871143773350531458624
1/33699933337944699775337035569471038703241742287546701062917248
1/67399866675889399550674071138942077406483484575093402125834496
1/134799733351778799101348142277884154812966969150187042516688992
1/269599466703557598202696284555768309625933938300374085033377984
1/539198933407115196405392569111536619251867876600748170066755968
1/1078397866814230392810785138223073235003735753201496341335111936
1/2156795733628460785621570276446146470007471064002992826670223872
1/4313591467256921571243140552892292940014942128005985653340447744
1/8627182934513843142486281105784585880029888426011971066680895488
1/17254365869027686284972562211569171760059776852023942133361790976
1/34508731738055372569945124423138343520119553704047884266723581952
1/69017463476110745139890248846276687040239107408095768533447163904
1/138034926952221490279780497692553374080478214816191537066894327808
1/276069853904442980559560995385106748160956429632383074133888655616
1/552139707808885961119121990770213496321912859264766148267777311232
1/1104279415617771922238243981540426992643825718529532296535554622464
1/2208558831235543844476487963080853985287651437059064593071109244928
1/4417117662471087688952975926161707970575302874118129186142218489856
1/8834235324942175377905951852323415941150605748236258372284436979712
1/17668470649884350755811903704646831882301211496472516744568873959424
1/35336941299768701511623807409293663764602422992945033489137747918848
1/70673882599537403023247614818587327529204845985890066978275495837696
1/141347765199074806046495229637174655058409691771780133956550991675392
1/282695530398149612092990459274349310116819383543560267913101983350784
1/565391060796299224185980918548698620233638767087120535826203966701568
1/1130782121592598448371961837097397240467277534174241071652407933403136
1/2261564243185196896743923674194794480934555068348482143304815866806272
1/4523128486370393793487847348389588961869110136696964286609631733612544
1/9046256972740787586975694696779177923738220273393928573219263467225088
1/18092513945481575173951389393558355847476440546787857146438526934450176
1/36185027890963150347902778787116711694952881093575714292771053868900352
1/72370055781926300695805557574233423389905762187151428585542107737800704
1/144740111563852601391611115148466846779811524374302857091084215475601408
1/289480223127705202783222230296933693559623048748605714182168430951202816
1/578960446255410405566444460593867387119246097497211428364336861902405632
1/1157920892510820811132888921187734774238492194994422856728673723804811264
1/2315841785021641622265777842375469548476984389988845713457347447609622528
1/4631683570043283244531555684750939096953968779977691426914694895219245056
1/9263367140086566489063111369501878193907937559955382853829389790438490112
1/18526734280173132978126222739003756387815875119910765676587779580876880224
1/37053468560346265956252445478007512775631750239821531353175559161753760448
1/74106937120692531912504890956015025551263500479643062706351118323507520896
1/148213874241385063825009781912030051102527000959286125417002236647015041792
1/296427748482770127650019563824060102205054001918572251084004473294030083584
1/592855496965540255300039127648120204410108003837144502168008946588060167168
1/1185710993931080510600078255296240408820216007674289004336017893176130334336
1/2371421987862161021200156510592480817640432015348578008672035786352260668672
1/4742843975724322042400313021184961635280864030697156017344071572704521337344
1/9485687951448644084800626042369923270561728061394312034688143145409042674688
1/18971375902897288177601252084739846541123456122788624069376286290818085349376
1/37942751805794576355202504169479693082246912245577248138752572581636170698752
1/75885503611589152710405008338959386164493824491154496277505145163272341397504
1/151771007223178305420810016677918772328987648982308992555010290326544682795008
1/303542014446356610841620033355837544657975297964617985110020580653089365590016
1/607084028892713221683240066711675089315950595929235970220041161306178731180032
1/1214168057785426443366480133423350178631901191858471940440082322612357462360064
1/24283361155708528867

File No. 82237

T. 2N R. 16E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 28 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 23, 1963

Owner Ludwig Alsted Address Big Timber, Mont

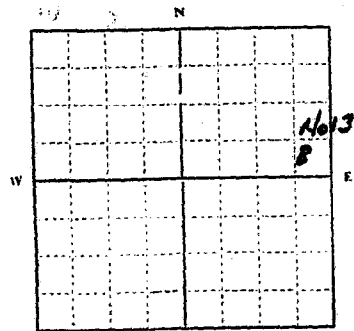
Contractor (if any) none

Address of Contractor none

Date Started UNKNOWN Date Completed UNKNOWN

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

gravity Flow



1/4 Sec 12 T 2N R 16E
Indicate point of appropriation and place of use, if possible.

No 13 SE 1/4 SE 1/4 NE 1/4

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

estimate approximate lengths of periods of use

estimated Flow 10 gals
per minute - year
around stock water use

Signature of Owner Ludwig Alsted

Date Dec 23-1963

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

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

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

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.

82237

STATE OF MONTANA,
County of Sweet Grass.

Filed this 23 day
of Dec A. D. 19 63
at 4:50 o'clock P.M.
Arne Hansen
County Clerk.
By _____ Deputy.

20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1

100
90
80
70
60
50
40
30
20
10
0

RECEIVED

County Sweet Grass

**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION 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.

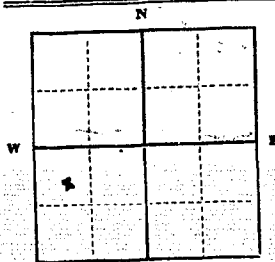
Owner Norman Norman
Address Big Timber
Montana
Date well started Feb 1, 1948
completed Feb 5, 1948
Type of well drilled
Equipment used drill
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

For Administrator's Use
File 93039
June 27, 1973
GW 1 8:30 a.m.

*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 300 gal per hr

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5 1/2</u>	<u>40 lb galv</u>	<u>0</u>	<u>94</u>			



N.W. 1/4 S.W. 1/4 Sec. 14
T. 2 N. R. 16 E.

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

Driller's Signature

Driller's Address

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>0</u>	<u>14</u>	<u>Topsoil</u>
<u>15</u>	<u>41</u>	<u>rock</u>
<u>41</u>	<u>45</u>	<u>Sand rock</u>
<u>45</u>	<u>53</u>	<u>water - blue clay</u>
<u>53</u>	<u>58</u>	<u>gray Sand rock</u>
<u>58</u>	<u>63</u>	<u>Blue clay</u>
<u>63</u>	<u>71</u>	<u>gray Sand rock</u>
<u>71</u>	<u>74</u>	<u>Blue clay</u>

Static water levelft.*
Pumping water levelft.*
at 30.0 gallons per minute,
measured 30 minutes after pumping
began.
*Measured from ground level.
Well developed by
for hours.
Power gas Pump 4 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
planks

LICENSE NO. 113

94 Show exact depth of bottom

5405'

ck-
nd,
ow
nd
ell.

clay
rock

rock

93039

STATE OF MONTANA } ss.
COUNTY OF SWEET GRASS }
I, his 27 day
of June A. D. 1973
at 8:30 o'clock A.M.
Margaret Slaggen
County Recorder
By _____ Deputy

f bottom

54051

File No. 71703
DUPLICATE

RECEIVED

APR 20 1972

T. _____ R. _____
County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner GUSTAV NOYMAN Address Big Timber
3134 PRAIRIE DR.
Driller DISPER DRG Address BILLINGS

Date of Notice of Appropriation of Groundwater _____

Date well started 3-15-72 Date Completed 3-15-72

Type of well DRILLED Equipment Used ROTAR
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4	5" PLASTIC	2	48	1/8" SLOTS	28	48

Top of Ground
(Elev. above sea level _____)

TOP SOIL

4 FT

SAND ROCK

18

SAND

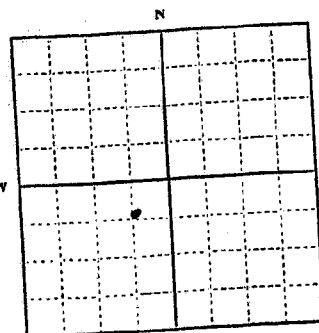
28

SAND ROCK

48

WATER @

28 FT.



1/4 Sec. 4 T2N. R16E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

48

Static Water Level for non-flowing Well 23 feet.

Shut-in Pressure for Flowing Well N.A.

Pumping Water Level 45 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well N.A.

How Tested BALE Length of Test 2 HRS

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 for irrigation)

PAC 4x6 @ 12 FT. Bentonite

Seal to 4 FT. Cement

to top.

Doc. No. 71703
Filed for record
this 16th day of March
A. D. 1972, at 4:15
o'clock P.M.

197
Driller's License Number
J. J. B.
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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

50,063

91783

STATE OF MONTANA
COUNTY OF SWEET GRASS
Filed this 16 day of May A. D. 1922
at 4:15 o'clock P. M.
Margaret Play
County Recorder

NOTED TO FILE
IN THE OFFICE OF THE COUNTY CLERK
AT SWEET GRASS, MONTANA

RECORDED TO FILE
IN THE OFFICE OF THE COUNTY CLERK
AT SWEET GRASS, MONTANA

ADVISED BY
MAIL TO THE COUNTY CLERK
AT SWEET GRASS, MONTANA

RECORDED TO FILE
IN THE OFFICE OF THE COUNTY CLERK
AT SWEET GRASS, MONTANA

ADVISED BY
MAIL TO THE COUNTY CLERK
AT SWEET GRASS, MONTANA

RECORDED TO FILE
IN THE OFFICE OF THE COUNTY CLERK
AT SWEET GRASS, MONTANA

ADVISED BY
MAIL TO THE COUNTY CLERK
AT SWEET GRASS, MONTANA

RECORDED TO FILE
IN THE OFFICE OF THE COUNTY CLERK
AT SWEET GRASS, MONTANA

ADVISED BY
MAIL TO THE COUNTY CLERK
AT SWEET GRASS, MONTANA

RECORDED TO FILE
IN THE OFFICE OF THE COUNTY CLERK
AT SWEET GRASS, MONTANA

ADVISED BY
MAIL TO THE COUNTY CLERK
AT SWEET GRASS, MONTANA

FILE NO. 92837

2.24

2.16E

STEELBRASS COUNTY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 29 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237, Regular Session Laws, 1961)

Date of appropriation of Groundwater 12-30-63

Owner

Leo Cremer

Address

McNulty, Mont

Contractor (if any)

none

Address of Contractor

none

Date Started

undisclosed

Date Completed

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

gravity flow spring
originating from underground
sources

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

Quantity of water developed and used with extension of netting used to measure or estimate such amount. If use is intermittent estimate appropriate lengths of periods of use

Estimated Flow
3-5 gals per minute (15-20
gals around for 1000
water

Signature of Owner

Date

Dec 30 1963

STATE OF MONTANA
OFFICE OF THE STATE ENGINEER

Leo J. Cremer Jr

having first been duly sworn, depose and say that he of lawful age and the appropriator of the water and water rights mentioned in the foregoing notice of completion of groundwater appropriation without well and the person who caused said water to be appropriated, and that the contents of said foregoing notice and that the matters and things therein stated are true

Subscribed and sworn to before me this 31 day of Dec

1963

Arne Hansen

Notary Public for the State of Montana

Resident of Big Timber, Mont

My Commission Expires Jan 7 1967

34271

82837

STATE OF CALIFORNIA
County of San Diego

Filed this 25 day of Jan A.D. 1964
at 4 o'clock P.
Arne Haem
BY _____ Deputy

GW 3
FILE NO. 82835

17
T. 2N R. 16E
S. 10
JAN 29 1964

STATE OF MONTANA
ADMINISTRATIVE DEPARTMENT
OFFICE OF THE ENGINEER

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WINDMILL WELL
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-30-63
Owner Leo Cremer Address Helenville, Mont

Contractor (if any) none
Address of Contractor none
Date Started undeveloped Date Completed —

Describe means of obtaining groundwater without a well "soil sub-irrigation and other natural processes". Include depth to water when applicable
Grading Flow Springs
originating from underground
sources

W 8 N 6 I

N 6 2 8

N 6 3 8

Sec 17 2N 16E
Indicate point of appropriation
and place of use, if possible.

N 6 I - SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 17
N 6 2 - SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 17
N 6 3 - SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 17

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate appropriate length of periods of use

Flow on springs 3-5 gals
per minute used year
around for stock water

Signature of Owner Danny March

Date Dec 30 1963

STATE OF MONTANA
COUNTY OF T. 2N R. 16E S. 10

Having first been duly sworn, depose and say that he of lawful age and the appropriator of the water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person subscribed hereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true

Subscribed and sworn to before me, this day of 1963

Notary Public for the State of Montana

My Commission expires 19

82835

STATE OF MONTANA,
County of Sweet Grass. }

Filed this 25 day
of Jan A. D. 1964
at 4 P. M.
Archie Hawn
Clerk.
By _____ Deputy

FILE NO. 82874

T. 2N

R. 16E

SVELT GRASS COUNTY

STATE OF MONTANA
ADMINISTRATIVE CODE
OFFICE OF THE ENGINEER

JAN 29 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237 Montana Session Laws, 1961)

Date of appropriation of Groundwater 12-30-63

Owner Lee Crocker Address Helena, Mont

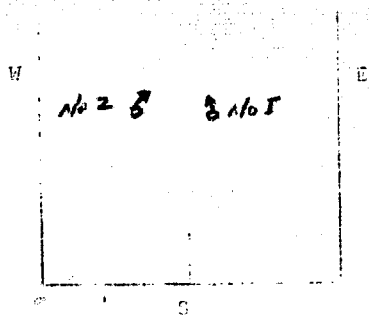
Contractor (if any) none

Address of Contractor none

Date Started undveloped Date Completed —

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

originating from under ground sources.



Sec 18 T2N R16E
Indicate point of appropriation and place of use, if possible.

No 1 - SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 18
No 2 - SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 18

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate appropriate lengths of periods of use estimated flow

5 gals per minute - used year around for stock water
Signature of Owner Lee Crocker

Date

Dec 30 1963

STATE OF MONTANA
COUNTY OF SVELT

having first been duly sworn, depose and say that the foregoing of lawful use and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true

Subscribed and sworn to before me, this _____ day of _____, 1963

Notary Public for the State of Montana
Residence _____

My Commission expires _____ 19____

82834

STATE OF MONTANA, } ss.
County of Sweet Grass.
Filed this 25 day
of Jan A. D. 1964
at 4 P. M.
Arne Haum
By _____ Deputy.

54050

93038

STATE OF MONTANA
COUNTY OF SWEET GRASS } ss.
Filed this 27 day
of June A. D. 1923
at 8:25 o'clock A. M.
Margaret Shappan
County Recorder

By _____
Deputy

APPROVED FOR THE
COUNTY CLERK OF SWEET GRASS
COUNTY, MONTANA
JUNE 27 1923
MARGARET SHAPPAN
COUNTY RECORDER

File No. 82331

DUPLICATE

T. 2N R. 16ECounty San JuanRECEIVED
JAN 2 1964STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 27, 1963Owner C. F. E. Jones Address Big Timber, Mont

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

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

Gravity flow

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

estimate approximate lengths of periods of use.

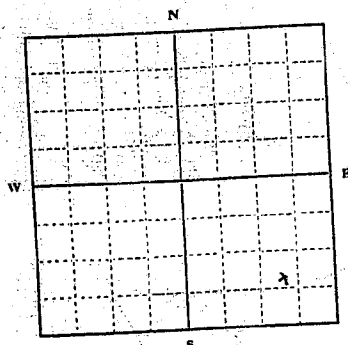
Continuously year
around 10 gal per
minSignature of Owner C. F. E. JonesDate 12/27/63

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

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

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

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



SE 1/4 Sec. 22 T2N R16E

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

82331

STATE OF MONTANA, } ss
County of Sweet Grass. }
Filed this 28 day
of Nov A. D. 1963
at 3:35 o'clock P.M.
Arne Hansen
County Clerk.
By _____ Deputy.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. 22330T 2N R 16E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

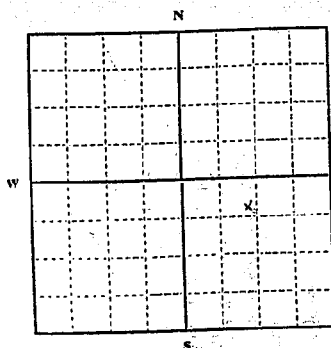
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Q. F. Eppens of Big Timber (Name of Appropriator) (Address) (Town)
County of Sweet Grass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SE Sec 22, T2N, R16E

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 Stock
water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gals 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
Garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric
Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900
8. The depth of water table 22 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 dig well electric pump
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available Sand stone
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

Q. F. Eppens

Date 12/27/63

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

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

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

1895

82330

STATE OF MONTANA, }
County of Sweet Grass. }

Filed this 28 day

of Dec A. D. 1963

at 3 30 o'clock P.M.

Arne Haem
County Clerk

By _____
Deputy,

File No. 82544

T. 2N R. 16E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 20 1964

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12/31/63

Owner Ernest Messing Address Big Timber, Mont

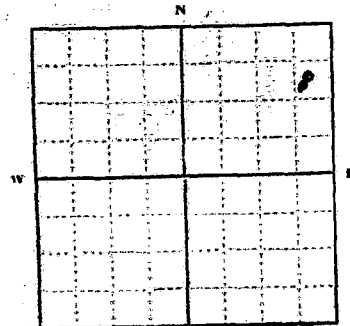
Contractor (if any) none

Address of Contractor none

Date Started UNDETERMINED Date Completed UNDETERMINED

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

gravity Flow From
under ground sources



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

SE 1/4 NE 1/4 NE 1/4

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

estimate approximate lengths of periods of use

estimated Flow 8gals per
minute used year around
for stock water

Signature of Owner Ernest Messing

Date 12/31/63

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

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

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

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

82544

STATE OF MONTANA,
County of Sweet Grass. } ss.

Filed this 18 day

of Jan A. D. 1964

at 210 o'clock P. M.

By Ernie Houn
County Clerk.

By _____
Deputy.

File No. 82545

T 21 N R 16 E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R JAN 20 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12/31/63

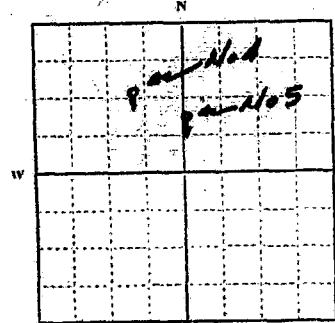
Owner Everett Messing Address Big Timber Mont

Contractor (if any) None gravity Flow

Address of Contractor None

Date Started 1964 Date Completed 1964

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 1/4 gravity Flow
From water ground sources
No. 5. piped to stock
water Tank From collection box



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

estimate approximate lengths of periods of use estimated
Flow 15 gals per minute
used year around for
stock water

1/4 Sec. 24 T. 21 N. R. 16 E

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

No. 4 SW 1/4 NE 1/4 NW 1/4
No. 5. NW 1/4 SW 1/4 NE 1/4

Signature of Owner Everett Messing

Date 12/31/63

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

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

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

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

82545

STATE OF MONTANA, }
County of Sweet Grass. } ss.

Filed this 18 day
of Jan A.D. 1924
at 210 o'clock P.M.
Arno Haum
County Clerk.
By _____ Deputy.

File No. 87547

T. 2N 16E
County Mustang

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12/31/63

Owner Mustang Address Big Horn in Mont

Contractor (if any) None

Address of Contractor None

Date Started UNDETERMINED Date Completed UNDETERMINED

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

gravity Flow From under ground Sources - Spring No 1 Flows into it is stored in earth dam on Sec 27 T21N R1E

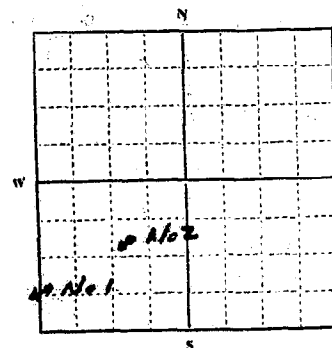
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use Both

springs Flow 6-8 gals per minute estimated Used year around for stock water

Signature of Owner Ernest Mustang

Date 12/31/63



1/4 Sec 26 T21N R1E

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

No 1 NW 1/4 SW 1/4 SW 1/4
No 2 SW 1/4 NE 1/4 SW 1/4

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

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

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

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

82547

STATE OF MONTANA } ss.
County of Sweet Grass }
Filed this 18 day
of Jan A. D. 19 64
at 210 o'clock P. M.
Arne Haum
County Clerk.
By _____
Deputy.

File No. 82543T. 2 N R. 16 E

DUPLICATE

County San Juan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

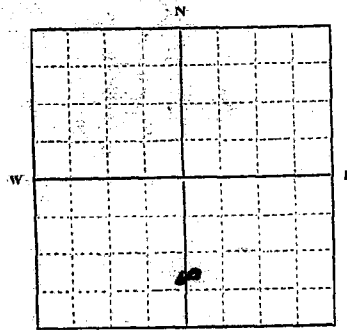
JAN 20 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12/31/63Owner Everett Messing Address Big Timber, MontContractor (if any) noneAddress of Contractor noneDate Started unknown Date Completed unknown

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

gravity Flow From
underground Sources

1/4 Sec 27 T2N R16E
Indicate point of appropriation
and place of use, if possible.

NW 1/4 SW 1/4 SE 1/4

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

estimate approximate lengths of periods of use.

Flow 8 gals per minute
estimated used year
around for stock waterSignature of Owner Everett MessingDate 12/31/63

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

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

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

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

82543

STATE OF MONTANA, }
County of Sweet Grass. } ss.
Filed this 18 day
of Jan A. D. 1964
at 210 O'clock P. M.
Arne Hauer
County Clerk.
By _____ Deputy.

File No. 82546T 2N R 16E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

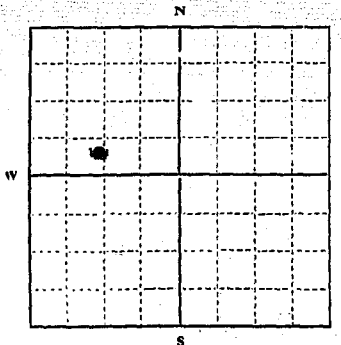
JAN 20 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ernest Messing of Big Timber
(Name of Appropriator) (Address) (Town)
County of Sweet Grass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. 27 T 2N R 16E
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$

2. The beneficial use on which the claim is based
Household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous use
Spring 1946
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gals per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1 Acre yard & garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. started completed spring 1946
8. The depth of water table. 40 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.
Drilled well
65 ft. deep
6" casing
10. The estimated amount of groundwater withdrawn each year 250,000 gallons
11. The log of formations encountered in the drilling of each well if available.
not 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.
none

Signature of Owner Ernest MessingDate 12/31/63

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

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

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

33537

82546

STATE OF MONTANA, } ss.
County of Sweet Grass.

Filed this 18 day
of Jan A D 1964
at 210 o'clock P. M.
Arne Haem
County Clerk
By _____ Deputy.

T. 2 N. R. 16 E.

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 20 1934

WATER WELL LOG

STATE ENGINEER

	11	07

Owner Philip Schuman Address Big Timber, Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 31 T. 2 N. R. 16 E. $\frac{1}{4}$ sec. NE 1/4

Type of well _____ Equipment used _____
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

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: _____ feet.

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

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

Spring Flow 150 gal/hr.

(over)

Log of Well

Description of Material Drilled

Depth, feet
From To

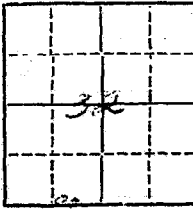
78889
STATE OF MONTANA
County of Sweet Grass
Filed this 19 day
of June A. D. 1924
at 11:08 o'clock P. M.
WILLIAM ARMSTRONG
County Clerk
By *Arthur Thompson* Deputy

T. 2 N. R. 16 E.

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

~~WATER WELL LOG~~
Spring



Owner Phillip Schuman Address Big Timber, Montana

Driller Address

Date Started Date Completed

Location: Sec 32 T. 2 N. R. 16 1/4 sec. 32.25

Type of well Equipment used
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: ft. to ft. Type Size

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: feet

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

Pumping water level: feet at gal. per min.

How tested:

Length of test

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

Spring Flow 100 gal/hr.

(over)

Log of Well

Description of Material Drilled

Depth, feet
From To

78890
STATE OF MONTANA
County of Sweet Grass
Filed this 17 day
of June A.D. 1914
at 11:11 o'clock A.M.
J. K. [unclear]
By [Signature] County Clerk
D. [unclear]

T. 2 N. R. 16 E.

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

22		
	32	

Owner Philip Schuman Address Big Timber, Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 32 T. 2 N. R. 16 E. 1/4 sec. NE 1/4

Type of well _____ Equipment used _____
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: _____ ft. to _____ ft. Type _____ Size _____

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: _____ feet.

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

Pumping water level: _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

Spring flows 100 gal/hr.

(over)

Description of Material Drilled

[illegible]

78888
STATE OF MONTANA,
County of Sweet Grass }
Filed this 19 day
of June A. D. 1961
at 11:05 o'clock A. M.
DICK ARMSTRONG
Clerk
Catherine Thompson

File No. 82531T. 29 R. 16 S. 9

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 22 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

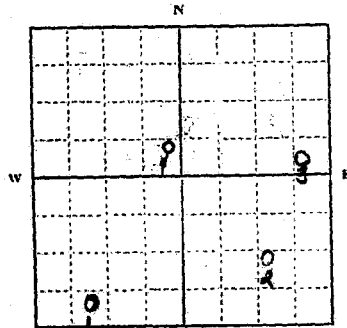
*Highway*Date of Appropriation of Groundwater Dec 27 1963Owner James D. Williams Address Big Timber, Mont

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

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

Gravity flow.

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

estimate approximate lengths of periods of use 12 hrs

SW 1/4-1
SE 1/4-2
NE 1/4-3
NW 1/4-4

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

1/2 mi. 10 minutes in10 5 1110 5 1110 4 5 11

Signature of Owner

*James D. Williams*Date Dec 27 1963

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

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

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

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.

33663(a)

82531

STATE OF MONTANA, }
County of Sweet Grass } ss.

Filed this 20 day

of Jan A D 1928

at 815 o'clock P M.

Anne Haun
Clerk

By _____
Deputy

GW 3

File No. 82735

DUPLICATE

T. 2 N R. 16 E
County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

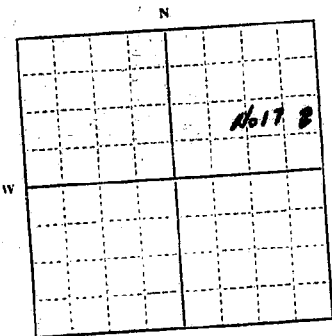
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 23, 1963
Owner Ludwig Alsted Address Big Timber, Mont
Contractor (if any) none
Address of Contractor none
Date Started UNKNOWN Date Completed UNKNOWN

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

gravity Flow



1/4 Sec 34 T. 2 N R. 16 E

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

No 17. NE 1/4 SE 1/4 NE 1/4

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

estimate approximate lengths of periods of use.

estimated 10 gals per minute Flow.
year around stock use

Signature of Owner Ludwig Alsted

Date Dec 23-1963

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

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

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

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.

File No. 82242

DUPLICATE

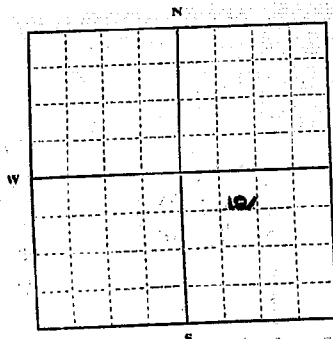
T. 2N R. 16ECounty Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 26 1963
STATE ENGINEER

1. Ludwig Allsted, of Big Timber (Town)
(Name of Appropriator) (Address)
County of Sweet Grass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 35 T. 2N R. 16E
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.
NE 1/4 NW 1/4 SE 1/4

2. The beneficial use on which the claim is based
stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Fall 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
0 gals 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
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
903 229122
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
STARTED & COMPLETED 1961 Fall
8. The depth of water table
65 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
270 ft 6" casing
10. The estimated amount of groundwater withdrawn each year
150,000 gals
11. The log of formations encountered in the drilling of each well if available
not 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
none

Signature of Owner Ludwig AllstedDate June 5 1963

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

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

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

12789

~~82242~~
82242

STATE OF MONTANA, }
County of Sweet Grass } ss.

Filed this 23 day
of Dec A. D. 19 63
at 5:15 o'clock P. M.
Arne Hansen
County Clerk

By _____
Deputy.

Tad
3
1

89

GW 3

File No. 82736

DUPLICATE

T. 2N R. 16ECounty San Juan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 28 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 23, 1963

Owner Ludwig Alletstad Address Big Timber, Mont

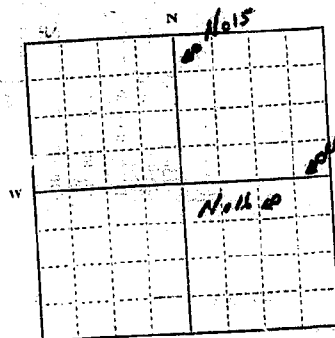
Contractor (if any) none

Address of Contractor none

Date Started UNKNOWN Date Completed UNKNOWN

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

gravity Flow



1/4 Sec. 36 T. 2N R. 16E

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

No. 14 - SE 1/4 SE 1/4 NE 1/4

No. 15 - NW 1/4 NW 1/4 NE 1/4

No. 16 - NW 1/4 NE 1/4 SE 1/4

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

estimate approximate lengths of periods of use.

No. 14 - Flows into irrigation dam storing 25 Acre ft. of water

No. 15 - 16 estimated pipe flow year around stock water use

Signature of Owner Ludwig Alletstad

Date Dec 23 1963

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

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

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

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.

87236

STATE OF MONTANA, } ss.
County of Sweet Grass.

Filed this 23 day
of Dec A. D. 19 63
at 4:45 o'clock P.M.
Amelia
County Clerk
By _____ Deput.