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| | STATE OF MONTANA, | 88. |
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| | MUSSELSHELL COUNTY | _DAY.OF |
| | FILED THIS | _A. D. 19.6.3 |
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| سير | ` | STATE WATER CO | NSERVATION | BOARD | | | | | |
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| | | | Indicate met with in | on the diagra drilling, such | am the cha as soil, c | aracter an clay, shale | d thickness , gravel, ro | of the diffe ck or sand. | erent strata etc. Show |
| - (/) | | | depth at wh | ich water is e eight to whic | ncountere | d, thickne | ss and char | acter of wa | ter-bearing |
| -53 | | | Size of | Size and | From | To | | | |
| - | | | Drilled Hole | Weight of Casing | (Feet) | (Feet) | Kind | PERFORATION | To |
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| - | | / | V=1/5: - 00 | | | s, type of | shutoff) | gran | |
| | | | place of use | ation of well , if possible. | Each | *************************************** | | | ••••••••••••••••••••••••••••••••••••••• |
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| | | | 4,040,040,000 | | ************* | ************ | | ************* | ••••••••••••••••••••••••••••••••••••••• |
| This form | to be prepared by | driller, and three cop | ies to be filed h | y the owner wi | th the | | | | |
| | erk and Recorder in | the county in which | | | | Driller | 's License l | Number | |
| | | If not annieshle - | n stata othor | igo tha form " | vill ha | Ham | 22 | gar Lagaria | and the |
| returned. | ouer su duesnous. | If not applicable, s | o state, otherw | res one totiu A | 111 DG 🚙 | Driller | Signatur | 0 | * |

STATE OF MONTANA, SE MUSSELSHELL COUNTY.

AT 1/20 O'CLOCK M.

CLAUDE F EI ---

CLAUDE F. FLETCHER

COUNTY RECORDER

COUNTY RECORDER

DEPUTY

STACE SCHEAST WOOD PLIKE DATE

Form No. 18 8-60

| т | 61 | R. 36E |
|--------|-------|--------|
| Counts | . 11. | |

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

| D) | EC | E I | VE | |
|----------|------|-----|------|----|
| $\Pi\Pi$ | i)er | 8 | 1981 | كا |

| Water Well Log STATE ENGINEE |
|--|
| Owner ANA FAINES Address MUNDER M. |
| Driller Ph Fraction Address Render Ment |
| Date Started Date Completed |
| Location: Sec. 5 T. GIV R. 36F 4 sec. NE -NE NE |
| Type of well (Dug, driven, bored, or drilled) Equipment used (Churn, drill, rotary, other) |
| Water use: Domestic X Municipal Stock Irrigation |
| Industrial Drainage Other |
| Casing: ft. to 36 ft. Type STAGE Size |
| Casing:ft. toft. TypeSize |
| Casing:ft. toft. TypeSize |
| Perforated or screened: Ft to 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:(deta) |
| Pumping water level 65 feet at 25 min. |
| How tested: |
| Length of test |
| Remarks: (Gravel packing, cementing, packers, typec-off, depth of shut-off) |
| Commence Commence |
| |
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(over)

Form No. 18 6N R. 36E 8-60 MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana STATE ENGINEER Water Well Log ANNA FAMES Address RELADUP MINT Driller PL FERGINON Address REINNER Mc Date Started Date Completed Location: Sec. 75 T. GN R. AEF & sec. NE-NE-Equipment used (Chura, drill, rotary, other) Type of well (Dug, driven, bored, or drilled) Domestic X Municipal Stock Irrigation Water use: Industrial Drainage Other Type _ TESZ Size / ft. to of ft. Casing: Casing: ft. to ft. Type____Size_ ___ft. to___ft. Type____Size_ Casing: Perforated or screened: Ft. to ft. Ft. to ft. Type of screen or perforations____ Static water level, for non-flowing well:____ Shut-in pressure, for flowing well: _____lb./sq. in. on: ____(date) Pumping water level 65 feet at 2 gal. per min. How tested: Length of test 30 /houtes Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of Graned - PACKED (over)

70 M

Log of Well

| Depth, From | feet | |
|----------------|------|---------------------------------|
| From | То | Description of Material Drilled |
| 0 | 7 | Calarie |
| 7 | 75 | Santis 5 Town |
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Form No. 18 8-60

| T. 6N | _R <i>DKF</i> |
|----------------|------------------------|
| County A | Al WARK |
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| ES AND GEOLOGY | DECEIVE LIN DEC 8 1961 |

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

Water Well Log

STATE ENGINEER

| Owner KAIFH CHARLES To Address to the MI | 7 |
|--|-----------|
| Driller P/ Factor Address | 7.4 -7 |
| Date Started 1/2 Date Completed 1/2 | |
| Location: Sec. T. // R. //= 4 sec. | |
| Type of well (Dug, driven, bored, or drilled) Equipment used (Churn, drill, rotary, other) | |
| Water use: Domestic Municipal Stock Irrigation | |
| Industrial Drainage Other | |
| Casing: ft. to /6 ft. Type Size Size | |
| Casing:ft. toft. TypeSize | |
| Casing:ft. toft. TypeSize | |
| Perforated or screened: Ftto ft Ftto ft | |
| Type of screen or perforations | · — |
| Static water level, for non-flowing well:feet | |
| Shut-in pressure, for flowing well:lb./sq. in. on:(dute) | |
| 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) | |
| Carrier Contraction | |
| | |
| | |
| (over) | |

数数masses and 36 Form No. 18 T. 6N R. 36.F 8-60 MONTANA BUREAU OF MINES AND GEOLOGY IN DEC 8 Butte, Montana STATE ENGINEER Water Well Log Owner RALPH CHORAU T. Address Kompany Maritana PA FECCIAL Address A THATTHAY Driller___ Date Started May 1952 Date Completed May 1152 Location: Sec. 3/ T. / NR. 1/1= 4 sec. 4/11 4/11-4/11 Equipment used (churn, drill, rotary, other) Type of well Domestic X Water use: Municipal ___ Stock ___ Irrigation ___ Industrial Drainage Other Type Stack Size 6" oft. to /6 ft. Casing: ft. to____ft. Type____Size___ Casing: Size____ __ft. to____ft. Casing:___ Type _ Perforated or screened: Ft. _____ to ft. ____ to ft. ____ Type of screen or perforations____ Static water level, for non-flowing well: Shut-in pressure, for flowing well: _____lb./sq. in. on: _____(dete) Pumping water level // feet at Zgal. per min. How tested: //www.p 1 Bo Min Fre Length of test____ Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Charles Lackich

(over)

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Log of Well

| Depth. | feet | |
|----------------|------|---------------------------------|
| Depth, From | To | Description of Material Drilled |
| 0 | 2 | Caraca |
| S | 75 | CRANTA SUBSTICK |
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GROUNDWATER INDEX

Page _/_of___

County Musclahill Twp. 6N Rge. 27E

| Sec. | Name of Appropriator | Type of Form | County File No. | Remarks |
|----------|----------------------|--------------|--------------------|----------|
| 2 | Charten Broud | 57606 | | |
| 3 | Northern Parkin | | | |
| | Railway Co. | GW3 | 168919 | |
| 5 | Siger Ja. D. Mas | 6W4 | 168373 | |
| 0 | Johnson, Fred | 6W3 | 169685 | |
| 9 | Morsherm Pacific | | | |
| | Railing Company | 6W3 | 168918 | |
| 11 | 11 11 () 11 11 () | GWY | 168917 | |
| 12 | Brown, Jun 4. | 6W4 | 169803 | |
| 14 | Charley, Boya | 57606 | | |
| 15 | Morthing Pacific | | 001/ | |
| <u></u> | Pailuny Company | | 168916 | |
| 18 | Johnson, Theol | GW4 | 169683 | |
| 21 | 11 11 | <u>GW3</u> | 169684 | |
| 22 | Morthern Pacific | | | |
| | Railway Corypany | 6W3 | 168904 | |
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| DECEIVED | County |

T B R 27
County Marsa Calel C

STATE ENGINEER Butte, Montana

WATER WELL LOG

| WATER WELL LOG |
|--|
| Owner Dady Clastic Address Supplied Moret Driller Ough Sand Address 141 Man ough Date Started May 25, 1758 Date Completed May 28, 1958 Location: Sec. 2 T. U. R. 27 14 sec. |
| Type of well (Dug, driven, bored, or drilled) Equipment used (Chura drill, rotary, other) |
| Water use: Domestic Municipal Stock Irrigation |
| Industrial Drainage Other: |
| Casing: 0 1t. to 28 1t. Type Size 8 200 |
| Casing: O st. to 130 st. Type Jacob Size Circ |
| Casing:ft. toft. TypeSize. |
| Perforated or Screened: Ft to ft to 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 gal. per min gal. per min |
| How tested: |
| Length of test |
| Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) |
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| n see (over) |

Log of Well

| Depth, feet | | Description of Material Drilled | | |
|-------------|----------|---------------------------------|--|--|
| From To | | Description of Material Dimed | | |
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| _8_ | 24 | Casl | | |
| 24 | 90 | strale | | |
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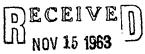
File No.....

DUPLICATE C U

T 6N R 27E

County Musselshell

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. 1914 |
|--|---|
| | OwnerNor.Pac.RyCo AddressSt. Paul. Minn. |
| | Contractor (if any) |
| | Address of Contractor |
| | Date Started Date Completed |
| N | Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to |
| | water when applicable Springs, used since 1914 |
| | |
| | |
| v E | |
| | |
| | Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent |
| winwi & | estimate approximate lengths of periods of use |
| WISWIA Sec 3 T. 6N R 27E | Myluyl flows 3 gallons per minute. Spring |
| Indicate point of appropriation and place of use, if possible. | on NW2SW2 flows 5 gallons per minute. |
| | Measured over a period of time. |
| | Northern Pacific Railway Company Signature of Owner By A. Hilberges |
| | Dist. Supervisor, Graz. & Cult. 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 Appropriator.

STATE-OF MONTANA, MUSSELSHELL COUNTY. SS.

FILED THIS DAY OF A.D. 19 6-5

AT 27.0 O'CLOCK PM.

DEPUTY

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| G' | -Helena | Independent | t Record |
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T...6.N....R...27.E....

DUPLICATE

County...Musselshell

19/

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

BECEIVE D

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

| 1 | A: D.and Mae Seger | of Roundup | | | | |
|------|---|--|--|--|--|--|
| | (Name of Appropriator) | (Address) (Town) | | | | |
| | County of Musselshell | State of Montana | | | | |
| | lows: | ng to the Montana laws in effect prior to January 1, 1962, as fol- | | | | |
| | | | | | | |
| F | N 2. | The beneficial use on which the claim is based Stock water | | | | |
| - 1 | | | | | | |
| | | Date on approximate date of english handicial way and how can | | | | |
| - | · | Date or approximate date of earliest beneficial use; and how continuous the use has been 1925 and continuously there | | | | |
| - | | after. | | | | |
| w - | E | | | | | |
| | | | | | | |
| | 4. | The amount of groundwater claimed (in miner's inches or gallons | | | | |
| 1 | | per minute) 10 gal, per minute | | | | |
| ŀ | | | | | | |
| Ĺ | 5. | If used for irrigation, give the acreage and description of the | | | | |
| | 8 | lands to which water has been applied and name of the owner | | | | |
| | | thereofnot_applicable | | | | |
| SE | | | | | | |
| In | dicate point of appropriation | | | | | |
| an | d place of use, if possible. 6. | The means of withdrawing such water from the ground and the | | | | |
| | ich small square represents 10 | location of each well or other means of withdrawal Located | | | | |
| ac | res. | in SE1/4 Sec. 5-6-27. Natural flowing spring | | | | |
| | | | | | | |
| - | Miles let of comment and commint | tion of the construction of the small smalls on other works for with | | | | |
| 7. | drawal of groundwater waturai | tion of the construction of the well, wells, or other works for with- flowing spring | | | | |
| | arawai or groundwater | | | | | |
| | | | | | | |
| 8. | The depth of water table | flowing spring | | | | |
| 9. | So far as it may be available, the type, s | ize and depth of each well or the general specifications of any | | | | |
| ٠. | other works for the withdrawal of groun | ndwater Natural flowing spring | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 10. | The estimated amount of groundwater v | withdrawn each year 250,000 gal. per year | | | | |
| | | | | | | |
| 11. | The log of formations encountered in the | drilling of each well if available unknown | | | | |
| | *************************************** | | | | | |
| | | | | | | |
| | | | | | | |
| 12. | Such other information of a similar natu | re as may be useful in carrying out the policy of this act, including | | | | |
| | reference to book and page of any count | reference to book and page of any county record not applicable | | | | |
| | | | | | | |
| | | | | | | |
| | | (1) Coase | | | | |
| | | Signature of Owner | | | | |
| | | Date Mac Afcac | | | | |
| | | Dated July 24, 1963 | | | | |
| Thr | ee copies to be filed by the owner with the | ne County Clerk and Recorder of the county in which the well is | | | | |
| loca | ted. | | | | | |

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.

STATE OF MONTANA, SS. MUSSELSHELL COUNTY.

___ DAY OF .A. D. 19 63

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गणको क्षेत्रक कर्मामा भीत्रक प्रतिकार विकासको के अस्ति है । अस्तिकार क्षेत्रके क्ष्मिका कर्मा

B. H. MATZKE

COUNTY RECORDER

DEPUTY

STATE OF MONTANA JAN 3 1964

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER SINGLE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

| | Date of Appropriation of Groundwater |
|--|--|
| | Owner Fred the Johnson Address Rd 3, Bill Mont. |
| | Contractor (if any) |
| | Address of Contractor |
| | Date Started Date Completed |
| N . | Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to |
| | water when applicable |
| | natural flow with |
| | dam. Pepth 4-10' |
| w | E |
| | The same of the sa |
| | Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent |
| s | estimate approximate lengths of periods of use |
| 5E45Esec & T. 6 R27 | |
| Indicate point of appropriation and place of use, if possible. | use Buty of water 100's |
| and place of not, in post-alor | |
| | |
| | 11/01 |
| | Signature of Owner Jack Johnson |
| | Verapate Dec 21, 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.

STATE OF MONTANA, ISA
MUSSELSHELL COUNTY, ISA
MUSSELSHELL COUNTY, ISA
MUSSELSHELL COUNTY, ISA
MISSELSHELL COUNTY, ISA
MATOR

THE MATTRE

COUNTY CORDER

TRANCES OF LAWREN

DEPUTY

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File No.....

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m R}$ 27E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECEIVED NOV 15 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

| | | Date of Appropriation of Groundwater. 1914. |
|-----|--|---|
| | | Owner Nor . Pac. Ry. Co. Address St. Paul, Minn. |
| | | Contractor (if any) |
| | | Address of Contractor |
| | | Date Started Date Completed |
| • | N | Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to |
| | | water when applicable Spring, used since 1914. |
| | | |
| w | E | |
| | | |
| | | Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent |
| | s | estimate approximate lengths of periods of use |
| HW. | NE 4 Sec. 9 T 6N R 27E | Spring flows 6 gallons per minute, measured |
| | Indicate point of appropriation and place of use, if possible. | over a period of time. |
| | | |
| | · | |
| | | Northern Pacific Railway Company |
| | | Signature of Owner By Allergus and Cult. Date. 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 Appropriator.

g.s.s.oclocker

B. H. MATZKE

COUNTY RECORDER

DBPUTY

| | • | Approved Stock Form-State Publishing Co | |
|---|---|--|--|
| File No | | | in R 27E |
| OUPLICATE | ADMINISTRA OFFIC | TATE OF MONTANA ATOR OF GROUNDWATER CODE DE OF STATE ENGINEER | DECEIVE NOV 15 1963 |
| | | Vested Groundwater Rig r 237, Montana Session Laws, 1961) | STATE ENGIN |
| (Na County ofhave appropriat | me of Appropriator) Ramsey ed groundwater according | Oany of N.P.Office Bldg (Address) State of Minnesota to the Montana laws in effect prior to | (Town) |
| | | The beneficial use on which the claim is water for livestock. | |
| v | 3. | Date or approximate date of carliest in tinuous the use has been Continu | lous since 1956. |
| | 4. | The amount of groundwater claimed (per minute) 5 Sallons per m | in miner's inches or gal |
| 5 | | If used for irrigation, give the acreage to which water has been applied and None. | and description of the laname of the owner the |
| | appropriation if possible. | The means of withdrawing such watellocation of each well or other means | er from the ground and |
| 7. The date of condrawal of groun | nmencement and completiondwater. Drilled in | n of the construction of the well, well 1956. Completed Aug. 12 | s, or other works for v |
| 8. The depth of w | vater table 110 feet | 5. | |
| works for the w | vithdrawal of groundwater | ize and depth of each well or the gener 200 feet deep - 6-inch | esing. |
| *************************************** | | | ·,, |
| 0. The estimated a | mount of groundwater wi | ithdrawn each year | *************************************** |
| | | drilling of each well if availableO | eleda vera 108- |

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.

STATE OF MONTANA, MUSSELSHE'L COUNTY, ST.

FILED THIS 14 DAY OF A D. 10 63
AT 2:06 O'CLOCK PM.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

*/2.~

| (_Hele | ena Independent Record | | | American Semples - Administr | |
|-------------------|--|---|---|---------------------------------|--|
| | *************************************** | | | т | N 27 |
| DUPLICA | TE | ADMINISTRA | FATE OF MONTANA TOR OF GROUNDWATER E OF STATE ENGINEER | R CODE | Musschshehl 1917 [] 3 1964 |
| | I | | Vesied Groundwater 237, Montana Session La | r Rights | CHGINEFA |
| Count have lows: | (Name of Ap | Prow M propriator) 24. SACL dwater according | of(Address State of | Mentand effect prior to Janu | (Town) OUNCLUD (Town) lary 1, 1962, as fol- |
| | N I | 2. | The beneficial use on whi | ich the claim is base | ed |
| W | * | 3. | Date or approximate date tinuous the use has been | 1912 use | |
| | | 4. | The amount of groundwate per minute) | | |
| | 8 | , | If used for irrigation, give lands to which water has thereof | | |
| Indicate and plac | Sec. 12 T R. point of appropria e of use, if possiall square represent | tion ble. 6. | The means of withdrawing location of each well or ot | g such water from t | he ground and the |
| 7. The d | ate of commencement of groundwater . | 1712 | ion of the construction of t | | |
| 8. The d | epth of water table | | | | |
| 9. So far other | works for the with Well | drawal of groun | | or the general spe | by Pump, |
| 10. The es | Υ., | groundwater w | vithdrawn each year3 | 00,000 30 | LLONS |
| | | | drilling of each well if ava | - | |
| | | | re as may be useful in carry | | |
| ************ | ••••••••••••••••••••••••••••••••••••••• | ••••••••••••••••••••••••••••••••••••••• | Signature of O | wner 2 - 4 | Brown |
| | | | | Date Decema, | 1310m her 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.

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MUSSELSHELL COUNTY SE.

FILED THIS

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DENTY RECORDER

DENTY RECORDER

| Wel Mog | \bigcirc | | T. 6 | R 27E | |
|---|--|-----------------|---|-------------------------------|-----------------|
| DECEIVE NOV 17 1958 | MONTANA BUREAU | OF MINES AND | County Hill Mark GEOLOGY | How stone exclabell | |
| STATE ENGINEE | ER WATE | R WELL LOG | | | |
| Dri | ner Bayd () ller Olyde S se Started T. | ando | Address // | _ | ce. it SE |
| Type of well (Dug | (UA , driven, bored, or drilled) | Equipment used. | Ca- | a Ce drill, rotary, other) | ••••• |
| Water use: Domestic | Municipal | Stock | | Irrigation | |
| Casing: Oft. to Casing: ft. to Casing: ft. to | | Type Monysony | | zinch 10 inch | |
| Perforated or Screened: Ft | to ft | Ft | *************************************** | to ft | ····· |
| Type of screen or perforation | | | | | |
| Static Water level, for non-fl | | | | | feet. |
| Shut-in pressure, for flowing | | | | | •••••• |
| Pumping water level | feet a | ıt | gal, | per min | |
| How tested: | | | | | |
| Remarks: (Gravel packing, | | | | | •••••• |
| | | | | | •••••• |
| •••••• | | | | | •••••• |
| ••••••••••••••••••••••••••••••••••••••• | | | •••••••••••••••••••••••••••••••• | | ******** |

(over)

Log of Well

| Log of Well | | | | |
|--|------------------------------------|----------------------|---|--|
| Depth, feet | | | | |
| From | To Description of Material Drilled | | | |
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| ∂ | 20 | yellow clay | | |
| | 100 | yellaw reay | | |
| 11 15 | 1110 | grey shall | | |
| 20 | 245 | gayspau | | |
| 1111 | اس ر در | 00 | | |
| 245 | 265 | Coal | | |
| | 11110 | shalo and soud rack | , · · · · · · · · · · · · · · · · · · · | |
| 265 | 443 | shall and soud state | | |
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File No.....

(n)

T 6N R 27E

County...

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED NOV 15 1963

Musselshell

Notice of Completion of Groundwater Appropriation NGINEER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

| | Det of Assessment of Community 1914. |
|--|---|
| | Date of Appropriation of Groundwater. 1914. |
| • | Owner Nor Pac. Ry. Co. Address St. Paul, Minn. |
| | Contractor (if any) |
| | Address of Contractor |
| | Date Started Date Completed |
| N | Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to |
| | water when applicable Springs, used since 1914. |
| | |
| | |
| ν | |
| | |
| | Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent |
| neinel & | estimate approximate lengths of periods of use Spring on |
| NWISWA Sec. 15. T. 6N R. 27E | NEINE flows 3 gallons per minute. Spring |
| Indicate point of appropriation and place of use, if possible. | on NW4SW2 flows 5 gallons per minute. |
| | Measured over a period of time. |
| | |
| | Northern Pacific Railway Company |
| · · · · · · · · | Signature of Owner By Liberger Dist. Supervisor, Graz. & Cult. |
| | 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 Appropriator.

168916
STATE OF MONTANA, MUSSELSHELL COUNTY SE

THEOTHIS DAY OF

A D 10 3

AT 2 OCLOCK M

B H MATZKE

COUNTY RECORDER

DEPUTY

3



BOARD OF COUNTY COMMISSIONERS ARNOLD JOHNSON GENO MINNIE EDWIN H. ROBSON



County of Musselshell

ROUNDUP, MONTANA
APRIL 27, 1971

APR 28 1971

CLERK AND ...CORDER
CLARENCE MCKENNA
ASSESSOR
MARGARET REIGHARD
TREASURER
FRANCES B. STALCUP
SUPT. OF SCHOOLS
GEORGE A. PALMER
SHERIFF
ROY C. RODEGHIERO
COUNTY ATTORNEY
MARION E. CEBULL
CLERK OF COURT
JOHN J. RAE
CORONER
HELEN LACEY
PUBLIC ADMINISTRATOR
GLEN SCOTT
GEORGE HIEDIK
JUSTICES OF THE PEACE

WATER RESOURCES BOARD HELENA, MONTANA

DEAR SIR:

MR. FRED H. JOHNSON, OWNER OF THE FOLLOWING SECTIONS, AND APPROPRIATOR FOR WATER RIGHTS FILED ON SAME DEC. 31, 1971, WAS IN MY OFFICE CHECKING THE FILINGS AND INFORMED ME THAT THE LOCATION OF THE WELLS ARE BOTH IN ERROR. ACCORDING TO STATUTE 89-2913, REVISED CODES OF 1947, THESE FILINGS MAY BE RETURNED TO COUNTY CLERKS FOR CORRECTION. THIS MAY NOT BE NECESSARY AS THE LOCATIONS ARE IN THE CORRECT SECTIONS, TOWNSHIP, AND RANGE BY DESCRIPTION, BUT ARE LOCATED IN THE WRC. G PART OF SAID SECTION. THERE ARE NO OTHER WELLS IN EITHER SECTION, SO CAN SEE NO PROBLEM BY THE PRESENT DESCRIPTIONS. HE WISHED FOR ME TO ENDEAVOR TO HAVE SAME CORRECTED AND I INFORMED THAT I WOULD CONTACT YOUR OFFICE FOR PROCEDURE. WILL WRITE AN AFFIDAVIT FROM MR. JOHNSON THAT MAY SUFFICE FOR YOUR CORRECTING SAME WITHOUT RETURNING TO MY OFFICE. IF PERMISSABLE, INFORM ME AND CORRECTIONS WILL BE MADE HERE.

I, CLAUDE F. FLETCHER, DULY ELECTED, QUALIFIED, AND ACTING COUNTY CLERK AND RECORDER OF MUSSELSHELL COUNTY, MONTANA DO HEREBY CERTIFY THAT MR. FRED H. JOHNSON, APPROPRIATOR AND OWNER OF THE WELLS ON THE FOLLOWING DESCRIBED PROPERTY. SECTION 1 TWP.6, RANGE 26, FILED DEC. 31,1963 AT 1.25 P.M. LOCATION OF WELL SHOULD BE DIRECTLY SOUTH ½ MILE ON SOUTH LINE OF SW4, RATHER THAN NW4. ALSO SECTION 18, TWP.6, RANGE 27, SHOULD BE IN NW4 ON NORTH LINE 1 MILE NORTH OF LOCATION ON FILE IN SW4. OUR NUMBERS ON THESE FILINGS ARE SEC. 1-169682, FILED DEC. 31,1963 AT 1.25 P.M. & SEC. 18, FILED DEC. 31,1963 AT 1.27 P.M. NO. 169683.

DATED AT ROUNDUP, MONTANA THIS 27 DAY OF APRIL 1971.

Claude J. Flitche
COUNTY CLERK & RECORDER
MUSSELSHELL COUNTY. MONTANA

6 N 2 E 1

GW 4

State of Montana Administrator of groundwater Code Office of State Engineer County Thes

DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, 1961) ENGINEER

| 1. And H. Johnson | of At #3. Bellings Moul |
|--|--|
| (Name of Appropriate | or) (Address) (Town) |
| have appropriated groundwater 1962, as follows: | according to the Montana laws in effect prior to January 1, |
| 2. | The beneficial use on which the claim is basedDomnzolic |
| ν χ΄ | H. Stock |
| 3. | Date or approximate date of earliest beneficial use; and how continuous the use has been approximate the continuous the use has been approximated as the continuous the use of the continuous the continuous the use of the continuous the use of the continuous |
| 4. | The amount of groundwater claimed (in miner's inches or gallons per minute) |
| | If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner |
| Indicate point of appropriation and place of use, if | thereof |
| possible. Each small square 6 represents 10 acres. | The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. |
| | , |
| 7. The date of commencement a works for withdrawal of gr | and completion of the construction of the well, wells, or other round water april 26, 1954 |
| 8. The depth of water table . | |
| specifications of any other | while, the type, size and depth of each well or the general er works for the withdrawal of groundwal of groundwater |
| 70 00 - 11 12 12 | 2.50 |
| | roundwater withdrawn each year. 446, 660 gal |
| 11. The log of formations end 4-18. Dr. Shake Rock; A | countered in the drilling of each well if available 1-4. Top Soil 19-25. Br. Sworles. 25-35. Luist & state |
| 12. Such other information of | a simplar nature as may be useful in carrying out the adding reference to book and page of any count record |
| ····· | |
| | |
| | Signature of Owner tref. H. Sharawa Date Dera Beth Johnson Date Dera 31, 1963 |
| 168-178 Cool | • |
| 179-190 Light Gran | , Shale |
| 174 - 110 mg | |

STATE OF MONTANA, MUSSELSHELL COUNTY, SE.

FILED THIS DAY OF

AT 12 O'CLOCK M.

The Management of Ma

COUNTY FECORDER

Mancie & DEPITY

Date of Appropriation of Groundwater 1910

Owner And H. Johnst Address M. Bill. M. W.

Contractor (if any)

Address of Contractor

Date Started. 1910

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

Water when applicable flatural flows with E.

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 Communication and place of use, if possible.

Signature of Owner J. W.

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

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

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

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

THE OF MONTANA, A DIO

AT 1/3 C) O'CLOCK M

B. H. MATZKE

COUNTY DECORDER

JANUER OF THE DECORDER

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-W 3

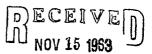
File No......

DUPLICATE

T 6N R 27E

County Musselshell

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. 1914 | |
|--|--|----------|
| | Owner Nor Pac Ry Co. Address St. Paul, M | inn. |
| | Contractor (if any) | |
| | Address of Contractor | • |
| | Date Started Date Completed | |
| N | Describe means of obtaining groundwater without a well 'sub-irrigation and other natural processes'. Include de | os hv |
| | water when applicable. Spring, used since 191 | 7. orași |
| · | | |
| | | |
| w | E | |
| | | 1000 |
| | Quantity of water developed and used with explanation of used to measure or estimate such amount. If use is inter- | method |
| S | estimate approximate lengths of periods of use | |
| SWINE 14 Sec. 22 T. SN R. 2 | E Spring flows 10 gallons per minute. | |
| Indicate point of appropriation and place of use, if possible. | measured over a period of time. | |
| | | |
| | | |
| | Northern Pacific Railway Compa | any |
| | Signature of Owner By Dist. Supervisor, Graz. & Cul | |
| | 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 Appropriator.

STATE OF MONTANA, SS.
MUSSELSHELL COUNTY S

FILED THIS DAY OF

AD 19 GS

AT // O OCLOCK M.

P. H. MARTERS

B. H. MATZKE

File No.... DUPLICATE County Dune STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE JAN 3 1964 OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights Ward ERR (Under Chapter 237, Montana Session Laws, 1961) (Name of Appropriator)
County of Musical States (Name of Appropriator) (Address) (Town)

County of Manage of State of Montana laws in effect prior to January 1, 1962, as follows: 2. The beneficial use on which the claim is based Stackwalter 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Man 1952 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallows per minutes If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof SW 1/4 Sec 30 T 6 R27 Indicate point of appropriation and place of use, if possible. Each small square represents 10 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Mand 1952 8. The depth of water table 150 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 Dulliel 6 " Lite - 350 the Supth: 10. The estimated amount of groundwater withdrawn each year 50,000 gala 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 Magal Sand to Grays Megal,

Date Lea 31-1763

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.

STATE OF MONTANA, MUSSELSHELL COUNTY. SE. DAY OF

Alcember ..A. D. 19_63

5 O'CLOCK P.M.

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GOUNTY RECORDER

GRANGES L. DEPUTY

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County MA

Butte, Montana

T. 6 N. R 37E
County Musselshell

| | | itte, Montana | | | |
|---------------------------|--------------------------------------|-------------------------|---|---|-------------------|
| STATE ENGI | NEER WAT | ER WELL LOG | | | |
| _ | | L Equipment used | Address | d. Light | ~ C, 5FPSB |
| Casing: | It, toIt. | Туре | Size | *************************************** | ******** |
| Casing: | ft. toft. | Туре | Size | ••••••••••••• | ******** |
| Perforated or Screened | : Ft to ft | Ft | to | ft | ******** |
| Type of screen or perfor | ations | | ****************************** | •••••••••••••• | ••••• |
| Static Water level, for n | on-flowing well: | 144 | | | .feet. |
| | wing well: | | | | |
| | _ | | (da | ite) | |
| Pumping water level | 260 feet | at | 7 gal. per | min | ******** |
| How tested: | | | | •••••• | ****** |
| Length of test | | | ••••• | ************************************* | ******* |
| _ | king, cementing, packers, telled Bou | type of shut-off, depth | of shut-off) | , | |
| 0 | | (over) | ••••••••••••••••••••••••••••••••••••••• | | •••••• |

Log of Well

| Dar41 | a, feet | log of wea | | |
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| From | To | Description of Material Drilled | | |
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| 160 | 260 | julldegenedsflow 160 ft. | | |
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GROUNDWATER INDEX

Page ____of___

County Musclohell Twp. 61 Rge. 286

| Sec. | Name of Appropriator | Type of Form | County File No. | Remarks |
|----------|----------------------|--------------|--------------------|---------|
| 2 | Inading Sam | 57608 | | |
| 2 | Juneur Obrald | 5760B | | |
| 2 | Roen, Golm | GWY | 169599 | |
| 3 | Turley Olrabol | 57106 | | |
| 5 | nowthing facilia | | | |
| | Parlivay Co. | 6W3 | 168911 | |
| Ь | Brown Tim & | 8W4 | 169793 | |
| 6 | mattern at | 604 | 169317 | |
| 9 | Morthern Pacific | ' | | |
| | Kailway Company | 6W4 | 168910 | |
| 10 | Brown Jim | GW4 | 169792 | |
| | Smedina, Sam | 57608 | | |
| 11 | 11 0 11 | 57606 | | |
| | Roen, Glen | OW4 | 169595 | |
| 14 | ., 11 | GW4 | 169596 | |
| 12 | P /1 | <u>Gwd</u> | 169594 | |
| 12 | 11 /1 | BWY | 169597 | |
| 12 | 31 11 | GW4 | 169600 | |
| 12 | Smoding, Sam | 57/06 | | |
| 12 | 1, 0, 1, | 57106 | | |
| 13 | Roen Glen | (du4 | 169598 | |
| 13 | Smeding, Sam | 51106 | 1 | |
| 117 | Smider Publitor 6 | GW2 | 184388 | |
| 18 | 71 11 | GWZ | 1164389 | |
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| Form No. 18 8-60 | T. 6N R. 28E |
|---|--|
| | County Musselshell |
| MONTANA BUREAU OF Butte, M | MINES AND GEOLOGY DECEIVED |
| Water We | STATE ENGINEER |
| Owner Sam Smeding | Address Musselshell |
| Driller Anderson Drilli | ng ColAddress_Billings |
| Date Started July 20, 1 | 946 Date Completed July 26, 1946 |
| Location: Sec. 2 T | . 6N R. 28E 1/4 sec. SW2 |
| Type of well <u>drilled</u> E. (Dug, driven, or drilled) | quipment used chrn drill (Chwrn, drill, rotary, other) |
| Water use: Domestic x Municipal | Stock X Irrigation |
| Industrial Drainage | 0ther |
| Casing: 0 ft. to 210 ft. | |
| Casing:ft. toft. | TypeSize |
| Casing:ft. toft. | TypeSize |
| Perforated or screened: Ft. 180 to f | t. 189 . Ftto ft |
| Type of screen or perforations galveni | zed creen casing |
| Static water level, for non-flowing well | l: <u>150</u> feet. |
| Shut-in pressure, for flowing well: | lb./sq. in. on: |
| Pumping water level 160 feet a | • • |
| How tested: bailer tested | |
| Length of test 60 min. | |
| Remarks: (Gravel packing, cemes ing, packing, cemes ing, packing) | ackers, type of shut-off, depth of |
| | |
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| (over) | |

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| County | MUSSE | LSHELL | s | |

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

| | wan | ER WELL LOG | | |
|---------------------------------------|----------------------------------|---------------------------------------|----------------------------------|---|
| | owner Geral | d & Turley | Address Mus | selohell |
| | Driller Louis | | Address Ja | |
| | Date Started June | · · · · · · · · · · · · · · · · · · · | / | 7 |
| | Location: Sec2 | . ~/ | sec WW | 1 |
| Type of well | (Dug, driven, bored, or drilled) | Equipment used | Churu D (Churn drill, rotary, | other) |
| Water use: Domestic | | l1 | [3 | on [|
| Industrial | | Ω <u>*</u> | , \ | ••••••••••••••••••••••••••••••••••••••• |
| 1) | ft. to | Type Stelle | Size Size | |
| · - | ft, to | 70/ | | |
| | 1: Ft forly of that | Moha Ft | to ft | |
| | rations affilled | _ | | |
| | non-flowing well: | | | |
| | owing well: | | (date) | |
| Pumping water level How tested: | 100-170 ree Bailed | , | gal. per min | |
| Length of test | an min | West | | |
| _ | king, cementing, packers, | type of shut-off, depth | of shut-off) | |
| ************************************* | | | | |
| | asod | mell | | |
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| | | | | |
| ® 188 | | (over) | | |

Depth, feet
From To ·ar

State of Montana Administrator of groundwater Code Office of State Engineer

| T | (N | .R. | 28 | <u></u> | الد. |
|------|------------|------------|---------------|---------|------|
| Coun | ty | F 17 | بعبره ۳۰۰۰ | like | Ų |
| | ا میا میکا | Ç. - | ₩ 10 | | |
| | MAN. | 2 | THE | | |

DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, 181ATE ENGINEER (Name of Appropriator) (Address) (Town) 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 described in the continuous the use has been .T.6 N.R 28E If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner Indicate point of appropriathereof..... tion and place of use, if possible. Each small square 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal..... represents 10 acres. 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 groundwal of groundwater..... 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 count record.....

Signature of Owner Len K. Joen
Date Dec. 30. 1963.

STATE OF MONTANA, MUSSELSHELL COUNTY, SEA DAY OF

ALCC A. D. 19 65

AT 4'.25 O'CLOCK M.

B. H. MATZKE

COUNTY BECORDER

FRANCES J. Lauren

H2. av DEPUTY

| • | · • | |
|----------|---------------------|--|
| (n) Here | to Av. St. A. L. C. | |
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| County MUSS | ilsiifeld |

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

| WATER WELL LOG |
|---|
| Owner Gerald & Turkegadress Musselshell Driller anderson Address Billings |
| Driller anderson Address Billings. |
| Date Started Date Completed |
| Location: Sec. 3 T. 6 M. R. 28 Fr. sec. Center Section |
| Type of well. (Dug, driven, bored, or drilled) Equipment used. (Churn drill, rotary, other) |
| Water use: Domestic Municipal Stock Irrigation |
| Industrial Drainage Other: |
| Casing: Dell ft. to ft. Type Af Lealiffing 6 Casing: Surface ft. to // O ft. Type Size |
| Casing:ft. toft. Type |
| Perforated or Screened: Ft |
| Type of screen or perforations |
| Shut-in pressure, for flowing well:lb./sq. in. on: |
| Pumping water level 60 feet at 7 gal gal. per min. How tested: Wulh jump |
| |
| Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) |
| |
| |
| |
| |

(over)

Log of Well

| Depth | , feet | |
|---------------|--------------|---------------------------------|
| From | То | Description of Material Drilled |
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| ablishing Co., I | Helena, Montana3931 | 8 |
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| т61 | IR. 28E | |
| County | Mussolsh | oll |
| | DECE | IVE |

File No......

DUPLICATE

 $\leq \omega$

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER DECEIVED NOV 15 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

| | Date of Appropriation of Groundwater 1912. |
|--|---|
| | Owner Nor Pac Ry. Co. Address St. Paul, Minn. |
| | Contractor (if any) |
| | Address of Contractor |
| | Date Started Date Completed |
| N | Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to |
| | water when applicable Spring, used since 1912. |
| | |
| | |
| w , | |
| | |
| | |
| | Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent |
| s | estimate approximate lengths of periods of use |
| NEASE14 Sec. 5 TON R 28E | Spring flows 2 gallons per minute, measured |
| Indicate point of appropriation and place of use, if possible. | over a period of time. |
| | |
| | |
| | Northern Pacific Railway Company |
| | Signature of Owner By A. H. Kelmand Dist. Supervisor, Graz. & Cult. |
| | Datc |

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.

| Etante | Torm Cinta | Deshielden | ~ | Tratamo | Montana-39318 |
|------------|------------|------------|---|---------|---------------|
| | | | | | |

T SN R 28E

DUPLICATE

SW

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECEIVED Nov 15 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

| | Date of Appropriation of Groundwater 1912 |
|--|---|
| | Owner Nor Pac Ry Co. Address St. Paul, Minn. |
| | Contractor (if any) |
| | Address of Contractor |
| | Date Started Date Completed |
| N | Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to |
| | water when applicable Sp. inc. used since 1912. |
| | |
| | |
| | |
| | |
| | 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 |
| E-SE1/ Sec. 5 m SI R 22E Indicate point of appropriation and place of use, if possible. | Spring flows 8 gallens per minute, measured ever a period of time. |
| | |
| | |
| | Signature of Owner By Allie Company Dist. Superviser, Gras. & Cult. |
| | 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 Quadruplic te for the Appropriator.

STATE OF MONTANA, MUSSELSHELL COUNTY. FILED THIS 14 DAY OF AT 1:54 O'CLOCK PM. B. H. MATZKE

COUNTY BECORDER

Claim Sacra

DEPUTY

| File No | | T 6 N 28 |
|---|---|--|
| DUPLICATE | | County Musselshell |
| ADM | STATE OF MONTANA MINISTRATOR OF GROUNDWATER CO OFFICE OF STATE ENGINEER | |
| Decla (Und | ration of Vested Groundwater Ri er Chapter 237, Montana Session Laws, 1 | ghts in theiris |
| 1. (Name of Appropri County of | ator) (Address) Shell State of State according to the Montana laws in effe | Montand (Town) Montand (Town) et prior to January 1, 1962, as fol- |
| × | 2. The beneficial use on which the | ne claim is based |
| | 3. Date or approximate date of eatinuous the use has been | urliest beneficial use; and how con- |
| F | 4. The amount of groundwater cla | aimed (in miner's inches or gallons |
| 8 | | ne acreage and description of the |
| | | |
| NW4 Sec. b. T. b. R28 Indicate point of appropriation | *************************************** | |
| and place of use, if possible. Each small square represents 10 | | ch water from the ground and the |
| acres. | location of each well or other | means of withdrawal |
| drawal of groundwater | ad completion of the construction of the w | ell, wells, or other works for with- |
| 9. So far as it may be available, t | the type, size and depth of each well or | the general specifications of any |
| other works for the withdraws | al of groundwater 20FL Cless - Cased | to puttony |
| *************************************** | | |
| 0. The estimated amount of grou | ndwater withdrawn each year | 300,000 gallons |
| | ered in the drilling of each well if available | _ |
| | | |
| | milar nature as may be useful in carrying any county record | |
| | | |
| | Signature of Owner | Je X Byon ate December 30,19h |
| | /D | ate December 30,19L |
| hree copies to be filed by the own | ner with the County Clerk and Recorder of | of the county in which the well is |
| lease answer all questions. If not | applicable, so state, otherwise the form w | vill be returned. |
| riginal to the County Clerk and R | tecord ; duplicate to the State Engineer; | Triplicate to the Montana Bureau |
| of Mines and Geology and Quadrup | neare for the Appropriator. | i. |

STATE OF MONTANA, USS MUSSELSHELL COUNTY, SS DAY OF Dec 17 19 63 FOUNTY HE MOER

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File No....

DUPLICATE

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| Approved Stock Form-State Publishing Co., Helenay Montana 1921 |
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| T 9 R 2X |

County Musselskell

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

| in Malloone | , of Luflia (Town) |
|--|--|
| (Name of Appropriator |) (Address) (Town) |
| County of Musselshell | State of Tilout |
| have appropriated groundwater accord | ding to the Montana laws in effect prior to Jenuary 1, 1962, as follows: |
| N | 211/T |
| | 2. The beneficial use on which the claim is based a Walter in fig 6 121 6 - 9 - 28 |
| | m f / 6 /21 6 - 7 - |
| l | 3. Date or approximate date of earliest beneficial use; and how continu- |
| | ous the use has been 1917 Wicterry Love stock |
| | 045 450 450 5005 |
| E | |
| | 4. The amount of groundwater claimed (in miner's inches or gallons |
| | per minute) dout know it never Ben |
| | Puinged deg |
| | • |
| s | If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof |
| | Just for Sive stock |
| ¹ / ₄ Sec T R | Juli fu |
| dicate point of appropriation | |
| d place of use, if possible. Each all square represents 10 acres. | 6. The means of withdrawing such water from the ground and the loca- |
| • • | tion of each well or other means of withdrawal |
| | Production of the Production |
| | gas Engine and 24 in Cylinder |
| | |
| . The date of commencement and, co | unpletion of the construction of the well, wells, or other works for with- |
| . The date of commencement and co | unpletion of the construction of the well, wells, or other works for with- |
| drawal of groundwater | ompletion of the construction of the well, wells, or other works for with |
| drawal of groundwater | ompletion of the construction of the well, wells, or other works for with |
| drawal of groundwater | empletion of the construction of the well, wells, or other works for with |
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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. 12367

ST..TE OF MONTANA, MUSSELSHELL COUNTY. FILED THIS 23 DAY OF

A D. 19 6-3

AT /2: /8 O'CLOCK / M. B. H. MATZKE

COUNTORECORDER

Aunces J. Sames

DEPUTY

2.

| | • |
|--|---|
| GV · Approved Stock | Form-State Publishing C Helena, Montana-39089 |
| File No | T6NR28E |
| DUPLICATE STATE OF MONTAL ADMINISTRATOR OF GROUND | WATER CODE |
| Declaration of Vested Grou (Under Chapter 237, Montana Sess | undwater Rig\$n;≰NTE ENGINEEF |

| | NOPUL | err | (Name | ific | Ra | il lwa Coriat | ay Co | Эщ£ | oany of N.P.Office Bldg, St. Paul, Minn. |
|----------------|--|--|-----------------------------------|--|----------------------------|---|---------------------------|---------------------|--|
| | County | of | | Rams | ey | | ···· | | (Address) (Town) State of Minnesota to the Montana laws in effect prior to January 1, 1962, as follow |
| | have a | ppro | priated | grou | ndw | ater s | accordi | ng | to the Montana laws in effect prior to January 1, 1962, as follow |
| | | | N | | | | | | |
| Ĭ | | | | 1 |] | | | | The beneficial use on which the claim is based. Furnishing. |
| ŀ | | ļ | | | | 1 | | | water for livestock. |
| - | | | | _ | - | | | _ | |
| - 1 | ĺ | - | | - |] | | | | Date or approximate date of earliest beneficial use; and how continuous the use has been |
| ľ | | 1 | | | | | | | tinuous the use has been QQH9±RHQHB S±RKX 12754 |
| v - | - | <u>; </u> | ! - - | | +- - | + | E | | *************************************** |
| | | . | | _ | | | | | |
| - 1 | j |] | | į | | | • | 4. | The amount of groundwater claimed (in miner's inches or gallo |
| ŀ | | - | - | - | <u> </u> | 1-1 | | | per minute) 3 gallons per minute. |
| - | | ļ | | | - | | | | |
| | 1 | 1 | | 1 | 1 | <u>i</u> | | 5. | If used for irrigation, give the acreage and description of the lan |
| | | | s | | | | | | to which water has been applied and name of the owner there |
| | | | _ | | | - | | | None. |
| | .1/4 | | | | | | | | |
| nd | icate p | oint | of ap | propri | iation | n | | | |
| Eac | h small | squ | are re | resen | its 10 | Ö | | | The means of withdrawing such water from the ground and t |
| acr | | - | | | | | | | location of each well or other means of withdrawal Pump |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 7. | The da | ite o | f comm | iencer | nen <u>t</u> | and | comple | tion | of the construction of the well, wells, or other works for wi |
| 7. | drawal | of | ground [.] | water. | D | ril | led 1 | Ln. | of the construction of the well, wells, or other works for win |
| 7. | drawal | of | ground [.] | water. | D | ril | led 1 | Ln. | of the construction of the well, wells, or other works for wi |
| | drawal | of | ground | water. | L | ril | led 1 | Ln. | of the construction of the well, wells, or other works for wi |
| 8. | drawal | of epth | ground of wat | water. ter ta | ble | 120 | led 1 O fee | tn. | of the construction of the well, wells, or other works for wi |
| 8. | The de | of pth | ground of wat | water. ter ta | ble | 120 120 01e. th | led 1 | t. | a of the construction of the well, wells, or other works for wind 1942. The second representation of the well or the general specifications of any other works. |
| 8. | The de So far works | of epth as i | of wat t may | water. ter ta be av | blevailab | 120 le, the | Ofee ue type undwat | et. | ze and depth of each well or the general specifications of any other 140 feet deep - 6-inch casing. |
| 8. | The de So far works | of epth as i | of wat t may | water. ter ta be av | blevailab | l20 le, th | O fee type undwat | et. | ze and depth of each well or the general specifications of any oth |
| 8. | The de So far works | of epth as i | of wat t may the wit | water. ter ta be av | blevailab | 1200le, the | O fee | et, , si ter | ze and depth of each well or the general specifications of any oth |
| 8. | The de So far works | of epth as i | of wat t may the wit | water. ter ta be av | blevailab | 120 le, the | O fee | et, , si ter | of the construction of the well, wells, or other works for wi |
| 8. 9. | drawal The de | of epth as i | of wat | water. ter ta be av | ble | l20 ble, th | O fee | et, , si ter. | ze and depth of each well or the general specifications of any other 140 feet deep - 6-inch casing. |
| 9. 10. | The de So far works | of pth as i for tima | of wat t may the wit | water. ter ta be av hdraw | ble | l20 ble, the f gro | O fee | , si ter | ze and depth of each well or the general specifications of any oth |
| 8. 9. | The de So far works | of pth as i for tima | of wat t may the wit | water. ter ta be av hdraw | ble | l20 ble, the f gro | O fee | , si ter | ze and depth of each well or the general specifications of any oth |
| 8. 9. | The de So far works | of pth as i for tima | of wat t may the wit | water. ter ta be av hdraw ount | ble | l20 le, the f grown or a count of the count | O fee | , si ter with | ze and depth of each well or the general specifications of any other 140 feet deep - 6-inch casing. |
| 9. 10. | The de So far works | of pth as i for tima | of wat t may the wit | water. be av hdraw ount tions | ble val o | l 20 ble, the f gro | O fee | with | ze and depth of each well or the general specifications of any oth 140 feet deep - 6-inch casing. thdrawn each year. drilling of each well if available No log available. |
| 8. 9. | The de So far works | of pth as i for tima | of wat t may the wit | water. be av hdraw ount tions | ble val o | l 20 ble, the f gro | O fee | with | ze and depth of each well or the general specifications of any oth 140 feet deep - 6-inch casing. thdrawn each year drilling of each well if available No log available. |
| 8. 9. | The do | of epth as i for this etima | of wat t may the wit ted am forma | be ave hdraw ount tions | ble | 120 le, the f ground untercound | O fee | witche | ze and depth of each well or the general specifications of any oth 140 feet deep - 6-inch casing. thdrawn each year drilling of each well if available No log available. as may be useful in carrying out the policy of this act, including |
| 8. 9. | The do | of epth as i for this etima | of wat t may the wit ted am forma | be ave hdraw ount tions | ble | 120 le, the f ground untercound | O foe | witche | ze and depth of each well or the general specifications of any oth 140 feet deep - 6-inch casing. thdrawn each year. drilling of each well if available. No log available. |
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| 8. 9. 0. | The do | as i for tima g of | of wat t may the wit ted am forma | water ta be av hdraw ount tions ation | ble ailab val o of g encor | l 20 cle, the f gro cround untered | O fee | witche | ze and depth of each well or the general specifications of any oth 140 feet deep - 6-inch casing. thdrawn each year. drilling of each well if available No log available. as may be useful in carrying out the policy of this act, including of No other information available. |
| 8. 9. | The do | as i for tima g of | of wat t may the wit ted am forma | water ta be av hdraw ount tions ation | ble ailab val o of g encor | l 20 cle, the f gro cround untered | O fee | witche | ze and depth of each well or the general specifications of any other last deep - 6-inch casing. thdrawn each year. drilling of each well if available. No log available. as may be useful in carrying out the policy of this act, including of No other information available. |

Date.....

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. 1/6 60

| STATE OF MONTANA, MUSSELSHELL COUNTY. |
|---------------------------------------|
| FILED THIS 14 DAY OF A. D. 19 6 3 |
| AT/: 52 O'CLOCK PM |
| B. H. MATZKE |
| COUNTY RECORDER |

DEPTT

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|--|------------------------------|--|
| C———Helena Independent Record | | اه کیا |
| File No | | T 6 R 28 |
| DUPLICATE | | county May Ser 25/e/ |
| | S' | PATE OF MONTANA |
| | ADMINISTRA | TOR OF GROUNDWATER CODE |
| | OFFIC | E OF STATE ENGINEER |
| 1 | leclaration of | Vested Groundwater Rights |
| • | | r 237, Montana Session Laws, 1961) |
| | | |
| 1 Vin H. | Brown | of Roundup (Town) State of Mantand |
| (Name of Ap | propriator) | (Address) (Town) |
| County of/M.u.s.s. | e/ Sheh_ nowater accordin | State of VICIVIA 1962, as follows to the Montana laws in effect prior to January 1, 1962, as follows |
| lows: | | |
| N | 9 | The heneficial use on which the claim is based Spring |
| | 7 | The beneficial use on which the claim is based Spring For Stock water use |
| | 3. | Date or approximate date of earliest beneficial use; and how con- |
| | | tinuous the use has been 1916 CONTINUOUS USE |
| | | Lantinuous use |
| | E | |
| | 4. | The amount of groundwater claimed (in miner's inches or gallons |
| | | per minute) 10 gdh. Per 191211. |
| | | |
| λ 8 | 0. | If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner |
| Spring | | thereof |
| 5W1/4 Sec. DT BR | 28 | |
| Indicate point of appropria | ation | |
| and place of use, if poss Each small square represent | | The means of withdrawing such water from the ground and the |
| acres. | | location of each well or other means of withdrawal Notwood Flowing Sfring |
| | | |
| 7. The date of commencem | ent and complet | tion of the construction of the well, wells, or other works for with- |
| drawal of groundwater | 1700 | |
| | ت. | |
| 8. The depth of water tabl | е Зхоши | d Level |
| 9. So far as it may be ava | a, the type, s | ize and depth of each well or the general specifications of any |
| other works for the with | ndrawal of groun | ndwater |
| Stockwate | | ndwater ws Naturally and used For |
| | | |
| *************************************** | | 21 1) // |
| 10. The estimated amount of | of groundwater v | withdrawn each year 400,000 gallows |
| II. The log of formations en | countered in the | drilling of each well if available |
| *************************************** | | |

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

Signature of Owner 2 18

Date December 30, 1963

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

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

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

STATE OF MONTANA.
MUSSELSHELL COUNTY, SE. DAY O:

FILED THIS

Frances S. Sausan

| Form No. 18 | , |
|---|---|
| | . GN R. 28E |
| C. | ounty Musselshell |
| MONTANA BUREAU OF MINES | OUNCY MUSSEISHEIT (D) ECEIVE() |
| Butte, Montana | مان المان |
| Water Well Lo | STATE ENGINEER |
| Owner Sam Smeding | Address <u>Musselshell</u> |
| Driller Hand Dug | Address |
| Date Started 1914 | Date Completed |
| Location: Sec. 11 T.6N | R. 28E 4 sec. ME? |
| Type of well hand due Equipme (Dug, driven, or drilled) | (Churn, drill, rotary, other) |
| Water use: Domestic Municipal | Stock x Irrigation x |
| Industrial Drainage | 0ther |
| Casing: 0 ft. to 25 ft. Type: | sand rock Size 6 ft. |
| Casing:ft. toft. Type_ | Size |
| Casing:ft. toft. Type_ | Size |
| Perforated or screened: Ftto ft | . Ftto ft |
| Type of screen or perforations | |
| Static water level, for non-flowing well: | feet. |
| Shut-in pressure, for flowing well: | _lb./sq. in. on: |
| Pumping water level 20 feet at 20 | |
| How tested: | |
| Length of test 6 hr. | |
| Remarks: (Gravel packing, cementing, packer shut-off) | es, type of shut-off, depth of |
| Irrigation os for a garden. | |
| | |
| (over) | |

Form No. 18 8-60 T. 6N R. 28E
COUNTY Musselshell

Comman's TUREAU OF LINES AND SECTORY Butte, Montana

| (a) | EC | E | 7 | V | 15 | | Ţ, |
|-----|--------|---|---|----|------------|---|----|
| | .fa.ni | Ş | 1 | 98 | <u> 12</u> | L | زر |

| | Water Well Ton | STATE ENGINE | EER |
|---|--------------------------|--|------|
| | Smeding | 'diress Musselshell | _ |
| . 1 | | 4ddress Billings | |
| Date Starte | d Sentember 14. 1943 | Date Completed Sep. 16, | 1943 |
| | | | • |
| Tocation: | R.28E | }ec. <u>NE</u> | - |
| | iicipa [tack [| (Churn drill rotary other) X Irrigation | • |
| Industria Dr | ainageOther | | |
| Gasing: 0 ft. tc 40 | ft. Type stea | 1 3ize 6 in. | • |
| Casing: 40 ft. to 67 | Ft Two card r | ock rize 6 in. hole | |
| | | | |
| Casing ft. to. | ft. Type | | - |
| Perforated or screened: Ft | tc_ft | .Ftto ft | |
| Type of screen or perforations | | | - |
| Static water level, for non-file | owing well: 30 | feet. | |
| | | | |
| Shut-in pressure for flowing | reLb. /so., 1 | n. on:(date) | • |
| | | | |
| Purping water level 60 | feet at20 | gai. per ean. | - |
| How tested: pump | | | - |
| Tength of test 6 hr. | | | |
| Remarks: (Gravel packing, ceme shut-off) | enting, packers, type of | shut-off, depth of | |
| | | | - |
| | | | _ |
| | | | |
| | | | |