

173352

STATE OF MONTANA.  
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

December A.D. 1965

AT 11:30 O'CLOCK 9 M.

Charles L. Fletcher

COUNTY RECORDER

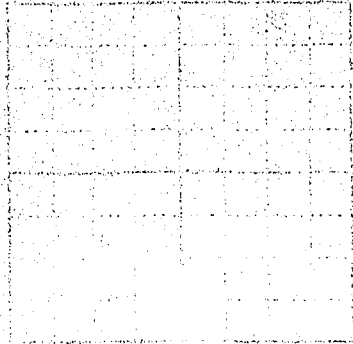
DEPUTY

RECORDS OF MONTANA

OFFICE OF THE COUNTY RECORDER

MUSSELSHELL COUNTY, MONTANA

RECORDS OF MONTANA



File No. \_\_\_\_\_  
**DUPLICATE** STATE WATER CONSERVATION BOARD

T. 10 N. R. 26

County Musselshell

JAN 3 1965

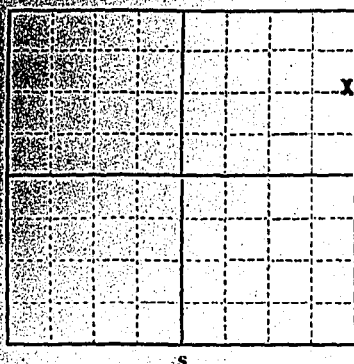
STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

Billie \_\_\_\_\_  
 Butcher \_\_\_\_\_  
 Coyle \_\_\_\_\_  
 Darlington \_\_\_\_\_  
 Dickert \_\_\_\_\_

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Regina Dybvik, of Roundup,  
 (Name of Appropriator) (Address) (Town)  
 County of Musselshell State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 14 T. 10 R. 26

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 1911.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and gas engine.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1911.
8. The depth of water table 9 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well is 12 feet deep and there is 3 feet of water in well. Water is withdrawn through 1 1/4 inch pipe by pump operated by gas engine.
10. The estimated amount of groundwater withdrawn each year 100,000 gallons.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.

REGINA DYBVIK

By: Signature of Owner Regina Dybvik  
 Lessee and Agent of Appropriator  
 Date December 30, 1965.

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.

40339

173353

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

December A. D. 19 65

AT 11:54 O'CLOCK A.M.

Charles L. Felton  
COUNTY RECORDER

DEPT. 11

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File No. ....

T. 10 N. R. 26 E.

DUPLICATE

County Miss.

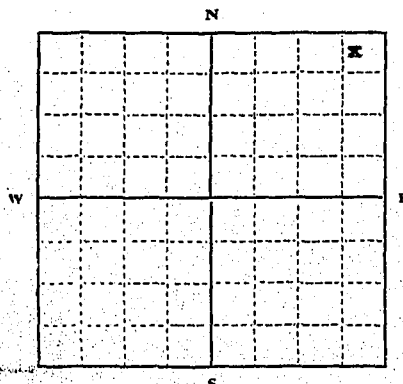
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Lawrence D. Stanley, of Box 316 Roundup  
(Name of Appropriator) (Address) (Town)  
County of Miss. State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4, Sec 16, T. 10 N. R. 26 E.

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 1925
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 gal. per min.
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 none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump and cylinder
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1925
8. The depth of water table 10 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 80 feet deep 5 inch casing
10. The estimated amount of groundwater withdrawn each year 500,000 gal.
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 none

Signature of Owner Lawrence D. Stanley  
by Frank Holliday Mgr.  
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.

17730



STATE OF MONTANA,  
MUSSELSHELL COUNTY.

Dec A. D. 1963

AT 10:18 O'CLOCK A M.

B. H. MATZKE

COUNTY RECORDER

COUNTY RECORDER  
*Frances L. Dawson*  
 DEPUTY

DEPUTY

RECEIVED AT THE  
OFFICE OF THE  
SHERIFF OF THE  
COUNTY OF  
LOS ANGELES  
JAN 10 1964

20

THE UNIVERSITY OF CHICAGO

GW

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

File No. ....

T. 10 N. 26

DUPLICATE

County Miss.

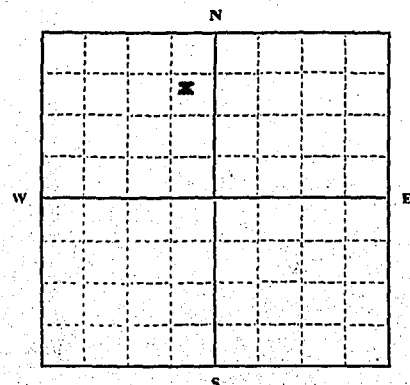
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 23 1963  
STATE ENGINEER

1. Lawrence D. Stanley, of Box 316 Roundup  
(Name of Appropriator) (Address) (Town)  
County of Miss. State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW Sec. 17 T. 10 R. 26

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 1949
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal. per min.
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 none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump and cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1949
8. The depth of water table 50 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch casing 225 feet deep
10. The estimated amount of groundwater withdrawn each year 500,000 gal.
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 Lawrence D. Stanley  
By Frank Holliday mgr  
Date Dec 14, 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.

11670

169265

STATE OF MONTANA;  
MUSSELSHELL COUNTY.

FILED THIS 20 DAY OF

Dec

A. D. 1963

AT 3:30 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

*Clair C. Gorman*  
DEPUTY

2.00

DAVID G. MONTGOMERY

STATE ENGINEER  
DEC 23 1963  
RECEIVED

File No. \_\_\_\_\_

DUPLICATE

T. 10 N R. 26

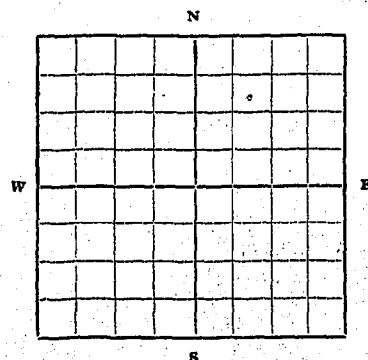
County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
NOV 26 1963  
STATE ENGINEER

1. Arnold Alt of Roundup  
(Name of Appropriator) (Address) (Town)  
County of Musselshell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE Sec. 19 T. 10 R. 26

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 livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been livestock  
August, 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gallons
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 \_\_\_\_\_
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Cylinder pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August, 1950, completed in one day.
8. The depth of water table 20 feet from top
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 Seismograph drilled, 6 inch hole, 50 feet, ten feet cased
10. The estimated amount of groundwater withdrawn each year 474,500 gallons
11. The log of formations encountered in the drilling of each well if available sandstone
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 Arnold Alt

Date November 22, 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.

7509

168997

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 22 DAY OF  
Nov A.D. 19 63  
AT 4:24 O'CLOCK P.M.

B. H. MATZKE

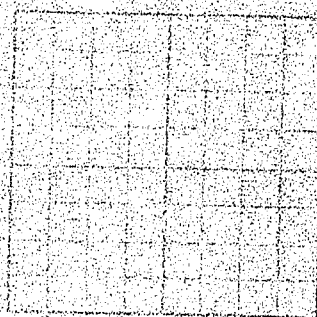
COUNTY RECORDER

DEPUTY

\$2.00

RECEIVED  
MUSSELSHELL COUNTY  
CLERK OF DISTRICT COURT  
MUSSELSHELL, MONTANA

RECORDED  
INDEXED



RECEIVED  
MUSSELSHELL COUNTY  
CLERK OF DISTRICT COURT  
MUSSELSHELL, MONTANA

1. The undersigned has no objection to the filing of the foregoing instrument in the public records of this county, and the same shall be recorded as provided by law.

2. The undersigned has no objection to the filing of the foregoing instrument in the public records of this county, and the same shall be recorded as provided by law.

3. The undersigned has no objection to the filing of the foregoing instrument in the public records of this county, and the same shall be recorded as provided by law.

4. The undersigned has no objection to the filing of the foregoing instrument in the public records of this county, and the same shall be recorded as provided by law.

5. The undersigned has no objection to the filing of the foregoing instrument in the public records of this county, and the same shall be recorded as provided by law.

6. The undersigned has no objection to the filing of the foregoing instrument in the public records of this county, and the same shall be recorded as provided by law.

7. The undersigned has no objection to the filing of the foregoing instrument in the public records of this county, and the same shall be recorded as provided by law.

8. The undersigned has no objection to the filing of the foregoing instrument in the public records of this county, and the same shall be recorded as provided by law.

9. The undersigned has no objection to the filing of the foregoing instrument in the public records of this county, and the same shall be recorded as provided by law.

10. The undersigned has no objection to the filing of the foregoing instrument in the public records of this county, and the same shall be recorded as provided by law.

File No. ....

T 10 R 26 E

DUPLICATE

County Miss.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1963

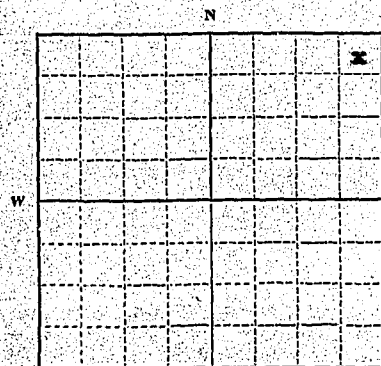
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater natural flow, data unknownOwner Lawrence D. Stanley Address Box 316 Roundup, Mont.Contractor (if any) noneAddress 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. surface flow



NE 1/4 NE Sec. 21 T10 R. 26

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

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 8 gal. per min.approx.Stock use, approx. 8 months of the year.Signature of Owner Lawrence D. StanleyDate Dec 14, 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.

11686



169281

STATE OF MONTANA  
MUSSELSHELL COUNTY

FILED THIS 22 DAY OF  
Dec A.D. 1963

AT 3:46 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Hansen  
DEPUTY

92

RECORDED  
INDEXED  
DEC 24 1963  
MUSSELSHELL COUNTY



GW 3

File No. ....

DUPLICATE

T. 10 N R. 26 E 25  
County Musselshell

RECEIVED  
JAN 2 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

*Declaration of vested groundwater rights*  
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Spring used since 1914

Owner Kenneth Duffitt Address Roundup, Mont.

Contractor (if any) Self

Address of Contractor .....

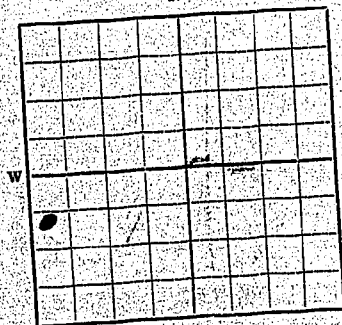
Date Started Oct 13, 1961 Date Completed 12-15-62

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

Combined. Capable of holding 14 ft of water in depth.

Spring has been used since 1914 for stock water. Dam was put in 1961 to hold water from spring.

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 .....



SW 1/4 Sec. 25 T. 10 R. 26

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

Spring runs 10 gallons per min. water table ground level

500,000 gallons per year used

Signature of Owner Kenneth Duffitt

Date 12-30-63

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 School of Mines and Quadruplicate for the Appropriator.

17765

169515

STATE OF MONTANA  
MUSSELSHELL COUNTY

FILED THIS 30 DAY OF

SEP 1963

AT 12:40 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

Form No. 18  
8-60

26

T. 10 R. 26  
County MUSSELSHELL

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
SEP 21 1961

Water Well Log

STATE ENGINEER

	X	

Owner KENNETH GRIFFITH Address ROUNDUP MONT  
Driller JOE KOMBOL Address ROUNDUP MONT  
Date Started 9-7-61 Date Completed 9-7-61  
Location: Sec. 26 T. 10 R. 26  $\frac{1}{4}$  sec. N.W.

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

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

Casing: 0 ft. to 68 ft. Type 206 GALV. Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 11 to ft. 23. Ft. 50 to ft. 62

Type of screen or perforations 1/2 INCH HOLES

Static water level, for non-flowing well: 16 feet.

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

Pumping water level 50 feet at 3 1/2 gal. per min. \_\_\_\_\_

How tested: BAILER

Length of test 1 HR.

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

(over)

Form No. 18  
8-60

T. 10 R. 26  
County MUSSELSHELL

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
SEP 21 1961

Water Well Log

STATE ENGINEER

X		

Owner KENNETH GRIFFITH Address ROUNDUP MONT  
Driller JOE KOMADL Address ROUNDUP MONT  
Date Started 9-7-61 Date Completed 9-7-61  
Location: Sec. 26 T. 10 R. 26  $\frac{1}{4}$  sec. N.W.

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

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

Casing: 0 ft. to 68 ft. Type 20 G. GAL-V Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 11 to ft. 23. Ft. 50 to ft. 68

Type of screen or perforations 1/2 INCH HOLES

Static water level, for non-flowing well: 16 feet.

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

Pumping water level 50 feet at 3 1/2 gal. per min.

How tested: BAILER

Length of test 1 HR

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

(over)



## Log of Well

[illegible]

GW3

File No. ....

DUPLICATE

T. 10 N. 26 E. 26

County *Musselshell*RECEIVED  
JAN 2 1964STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE*Declaration of Vested Groundwater Right*  
OFFICE OF STATE ENGINEER  
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

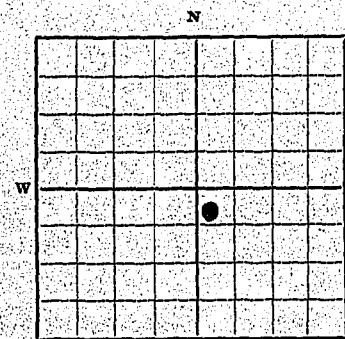
Date of Appropriation of Groundwater *1914*Owner *Kenneth Suffitt* Address *Roundup, Mont.*

Contractor (if any) .....

Address of Contractor .....

Date Started *Natural Spring - has Flowed continuously* Date Completed .....Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable *Natural Spring in**Creek bed.**water table Ground Level**Spring Flows 20 gph per min.*  
*used For stock water*

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

*CONTINUOUS*  
*USE*

SE 1/4 Sec. 26 T. 10 N. R. 26 E.

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

*750,000 gallons used each year.*Signature of Owner *Kenneth Suffitt*Date *12-30-63*

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 School of Mines and Quadruplicate for the Appropriator.

17766

169516

STATE OF MONTANA  
MUSSELSHELL COUNTY

FILED THIS 30 DAY OF  
APRIL 1963  
AT 12:32 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson  
DEPUTY



GW 3

File No. ....

DUPLICATE

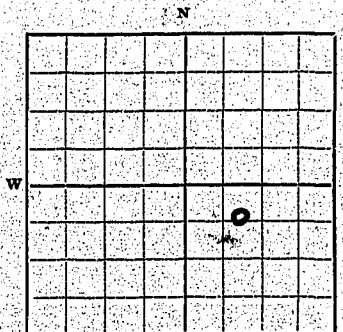
T 10 N R 26  
County MusselshellRECEIVED  
JAN 2 1964STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODEDeclaration OF Vested Groundwater Rights ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1914Owner Kenneth Griffiths Address Roundup, Mont.Contractor (if any) None

Address of Contractor

Date Started 1914 Date Completed Spring has always been flowingDescribe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural spring in  
Creek bed.Spring flows naturally the year around  
Spring flow is approx 100 gallons per min.  
used for stockwater  
continuous useQuantity 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 continuousSE 1/4 Sec 26 T 10 R 26

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

use.  
This a big spring and the water flows  
down Willow Creek3,000,000 used each year approximatelySignature of Owner Kenneth GriffithsDate 12-30-63

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 School of Mines and Quadruplicate for the Appropriator.

17767

169512

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF

*Dec* A.D. 1963

AT 12:54 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

*James L. Lawson*  
DEPUTY

File No. ....

DUPLICATE

T. 10 N. R. 26

County Missoula

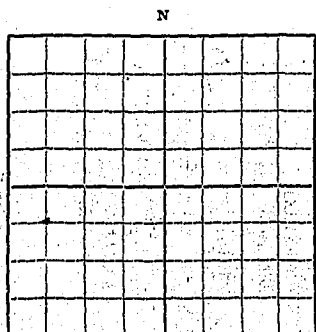
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 26 1963

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

STATE ENGINEER

1. Arnold Alt of Roundup  
(Name of Appropriator) (Address) (Town)  
County of Missoula State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 29 T. 10 R. 26

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 livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been October, 1960  
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October, 1960 six days drilling
8. The depth of water table twenty feet from top
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 8 inch hole, 315 feet deep, cased to bottom
10. The estimated amount of groundwater withdrawn each year 250,000 per year
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

Signature of Owner Arnold Alt

Date November 22, 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.

168995

STATE OF MONTANA,  
MUSSELSHELL COUNTY, } ss.

FILED THIS 22 DAY OF Nov  
A. D. 19 63  
AT 4:20 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

2.10

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of said County, at Musselshell, Montana, this 22nd day of November, 1963.

CLERK OF DISTRICT COURT  
MUSSELSHELL COUNTY, MONTANA

CLERK OF DISTRICT COURT

NOV 22 1963

DEPUTY

CLERK OF DISTRICT COURT

NOV 22 1963

168995

File No. ....

DUPLICATE

T. 10 N. R. 26 E. 29

County. Musselshell

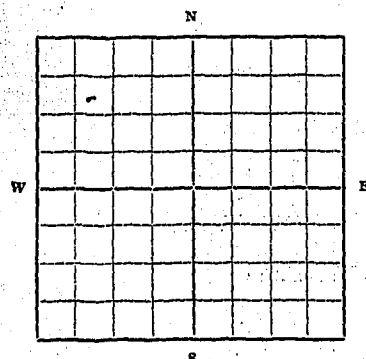
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
NOV 26 1963

STATE ENGINEER

1. Arnold Alt of Roundup  
(Name of Appropriator) (Address) (Town)  
County of Musselshell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW Sec. 29, T. 10, R. 26

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 Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been September, 1953  
continuous use

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September, 1953, four days drilling

8. The depth of water table twenty-five feet from top

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 6 inch hole, 130 feet deep, cased to bottom

10. The estimated amount of groundwater withdrawn each year 474,500 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.

Signature of Owner Arnold Alt

Date November 22, 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.

168998

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 22 DAY OF  
7.10 A. D. 1903

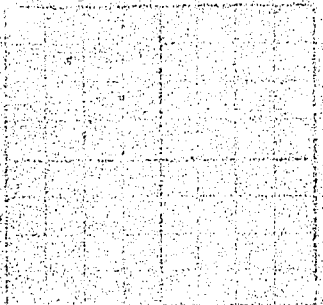
AT 4:26 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

72.10



RECORDED  
INDEXED  
MUSSELSHELL COUNTY  
MONTANA  
JUL 23 1903

CLERK OF DISTRICT COURT  
MUSSELSHELL COUNTY  
MONTANA

CLERK OF DISTRICT COURT  
MUSSELSHELL COUNTY  
MONTANA

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MUSSELSHELL COUNTY  
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CLERK OF DISTRICT COURT  
MUSSELSHELL COUNTY  
MONTANA



Form No. 18  
8-60

T. 10 R. 26

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER


Owner Amisado, Peter, Corp. Address Casper, Wyo.

Driller P. L. Ferguson Address Roundup, Mont.

Date Started 10-13-61 Date Completed 10-19-61

Location: Sec. 29 T. 10N R. 26E  $\frac{1}{4}$  sec. NE SW

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

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other For oil well drilling

Casing: 1 ft. to 315 ft. Type steel Size 6 in

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 275 to ft. 315. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slot

Static water level, for non-flowing well: 295 feet.

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

Pumping water level 300 feet at 40 gal. per min.

How tested: backing

Length of test 1 hr

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

(over)



## Log of Well

[illegible]

OW 3

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

File No. ....

DUPLICATE

T. 10 N. R. 26 E.

County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1931

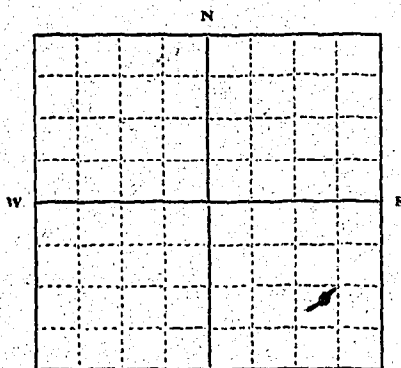
Owner P. S. Ruppberg Address Box 296 Roundup Mont.

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. Flowing Spring



SE 1/4 Sec 31 T. 10 N. R. 26 E.  
Indicate point of appropriation and place of use, if possible.

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. Quantity unknown, spring flows year round 500,000 gallons used

Signature of Owner P. S. Ruppberg

Date Dec. 28, 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.

26651

169844

STATE OF MONTANA, } ss  
MUSSELSHELL COUNTY, }

FILED THIS 3 DAY OF January  
A. D. 1964  
AT 3 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson  
DEPUTY

Office of Commissioner of Governmental Lands

Division of Land Management

Department of the Interior

Washington, D.C.

File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County

RECEIVED  
JAN 3 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... Early 1900

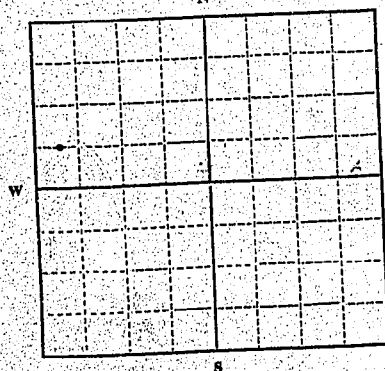
Owner..... Frank V. Oset Address..... Roundup, Montana

Contractor (if any) .....

Address of Contractor .....

Date Started..... Date Completed..... 1927

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. spring, boxed out, box is 4ft. by 8ft. with 10 ft. over flow pipe.



SW  $\frac{1}{4}$  NW Sec 32 T10 R26

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

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. 4 gal. of water

per minute. measured by bailing.

144000 gal. used For about 7 months.

Signature of Owner.....

Frank V. Oset

Date..... December 31, 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.

20492

160647

STATE OF MONTANA  
RUSSELL COUNTY

FILED THIS 31 DAY OF

December 1963  
AT 11:42 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

James L. Harrison  
2<sup>nd</sup> DEPUTY



GW 3

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

File No. \_\_\_\_\_

T. 10 N R. 26 E

DUPLICATE

County Missoula

JAN 2 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODEDeclaration of vested Groundwater Rights ENGINEER  
Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1914Owner Kenneth Griffith Roundup Mont.

Contractor (if any) \_\_\_\_\_

Address of Contractor Always been a Natural Spring

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. Natural Springwater takes ground levelSpring Flows 30 gal. per min.  
used for stockwater

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 Continuoususe since 1914NW 1/4 33 Sec. 10 T. 26 R. \_\_\_\_\_

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

Signature of Owner Kenneth GriffithDate 12-30-63

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.

17763

169513

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF

Dec 1963

AT 12:46 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson  
2.00

DEPUTY  
of Musselshell County  
of Montana

NOTARY PUBLIC  
OF MONTANA  
JAN 1 1964

ENGINEER

CORNER

0



GW

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

File No. ....

T. 10 N R. 26 E

DUPLICATE

County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE

RECEIVED  
JAN 2 1964

OFFICE OF STATE ENGINEER  
*Declaration of Vested Groundwater Rights*  
**Notice of Completion of Groundwater Appropriation  
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1914

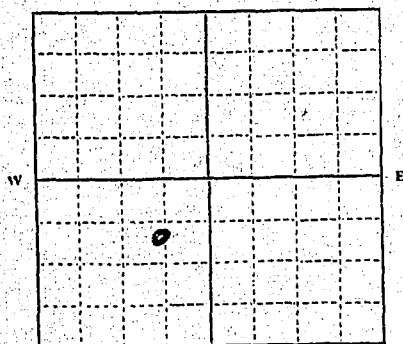
Owner Kenneth Diffith Address Roundup, Mont.

Contractor (if any) Self

Address of Contractor

*Spring improved*  
Date Started 8-10-60 Date Completed 11-25-61

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes." Include depth to water when applicable. Natural spring dug down approximately 10 ft below ground surface to store more water



Spring Flows 15 gallons per min.

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 continuous use used since 1914 - spring dug out and improved in 1960 to store more water.

500,000 gals used each year.

Signature of Owner Kenneth Diffith

Date 12-30-63

SW  $\frac{1}{4}$  Sec 33 T. 10 N R. 26 E

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

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.

17764

STATE OF MONTANA,  
MUSSELSHELL COUNTY

AT 12:48 O'CLOCK P M

B. H. MATZKE

COUNTY RECORDER

## DEPUTY

STUDY

GOVERNMENT OF CANADA

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SECRET

1115 From 1946 to 1948, the *Journal of the American Medical Association* published 100 articles on the use of the word "cancer" in the title of a paper. In 1946, 100% of the articles used the word "cancer" in the title. In 1947, 90% of the articles used the word "cancer" in the title. In 1948, 80% of the articles used the word "cancer" in the title.

1. *Introduction*

© 2005 Blackwell Publishing Ltd, *Journal of Internal Medicine* 258: 105–112

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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五、《说文解字》：《说文解字》是东汉许慎所著的一部文字学著作，它系统地分析了汉字的构造和演变，是研究汉字的重要文献。

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File No.

JAN 8 1965

T. 10 N R. 26 E 34

DUPLICATE

Bill

McDonnell

LOG

Co

County MUSK.

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

15' SAND above sea level APP. 3500  
 25' SAND  
 45' SANDY SHALE  
 60' SHALE  
 65' SAND ROCK  
 80' BLUE SHALE  
 87' HARD ROCK  
 105' SANDY SHALE  
 111' DARK SHALE  
 115' COAL  
 130' GRAY SAND 16 RM  
 135' BLUE SHALE  
 157' GRAY SAND  
 180' SANDY SHALE  
 185' SAND  
 190' SANDY SHALE  
 192' SAND ROCK  
 205' SHALE  
 210' GRAY SAND  
 215' SANDY SHALE  
 230' SAND  
 245' SHALE  
 252' SAND  
 265' SHALE  
 280' SANDY WATER 1 C.P.M.  
 286' HARD DARK SHALE  
 294' COAL  
 300' SHALE

BOTTOM

Show exact depth of bottom.

# Notice of Completion of Groundwater Appropriation by Means of Well

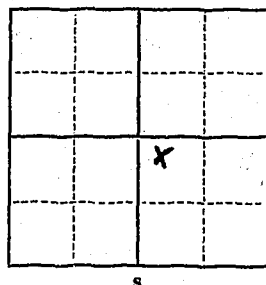
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner KENNETH G. GRIFFITH ROUNDUP, MONT.Driller JOE KOMBOL Address ROUNDUP, MONT.Date of Notice of appropriation of groundwater NONEDate well started 5-14-65 Date completed 6-30-65Type of well DRILLED Equipment used CHURN  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 1/2"	6" 22 lb.	0	119	6" SLOTS	120	130
8"	6" 16 lb.	119	300	4 PER FT.	265	280
8" HAVY CASING	0	18				



S

Static Water Level for non-flowing well 58 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 250 feetat 2 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BALLERLength of Test 2 H.R.

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

6" CASING SET ONBOTTOM - 8" CASINGDROVE IN TO SANDON SURFACE

(Continue on reverse side)

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

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

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

Driller's License Number 95Driller's Signature Joe Kombol

40336

2012年12月

Aug 27 1962

DATE OF

5-13-65

CLOCK: 3 M.

*[Signature]*

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DEPT

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY  
WASHINGTON, D. C.

OFFICE OF STATE SECRETARY  
DEPARTMENT OF COMMERCE  
WASHINGTON, D. C.

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File No. ....

DUPLICATE

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County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

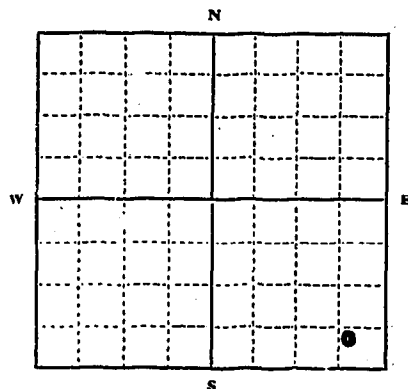
RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Kenneth Griffith of Box 625 Roundup  
(Name of Appropriator) (Address) (Town)  
County of Musselshell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 34 T. 10 R. 26

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 + irrigate garden
3. Date or approximate date of earliest beneficial use, and how continuous the use has been April 30 - 1926
4. The amount of groundwater claimed (in miner's inches or gallons per minute) To date this well has never been pumped dry.
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 1/2 acre for irrigation of garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water well pump with electric pump for windmill.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Date started April 1 - 1926  
Date completed April 29 - 1926
8. The depth of water table water rises within 18 ft of ground surface
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. 125 ft deep - 6 in casing  
perforated 90 ft up from bottom  
This well is pumped 12 months of the year.
10. The estimated amount of groundwater withdrawn each year 300,000 gal per year.
11. The log of formations encountered in the drilling of each well if available. The Driller did not keep a log of the well. The well was drilled by Frank Stearns.
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. This has been previously recorded at Musselshell County Clerk's Office

Signature of Owner

Kenneth Griffith  
Date 12-30-63

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.

17769





GW.

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

File No. ....

DUPLICATE

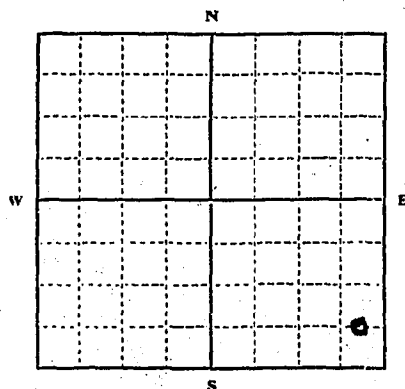
T-34-10 R 26 E

County MusselshellRECEIVED  
JAN 2 1964STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Griffith, of Box 625 Roundup  
(Name of Appropriator) (Address) (Town)  
County of Musselshell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 34 T. 10 R. 26  
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 & home
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1 - 1946
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/2 acre for lawn & watering trees
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well started - April 15 - 1946  
Well completed - April 30 - 1946
8. The depth of water table water raised within 18 ft of ground surface
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 120 feet deep - 6 in casing  
90 feet perforated deep from bottom of
10. The estimated amount of groundwater withdrawn each year 200,000 per year
11. The log of formations encountered in the drilling of each well if available The drillers did not keep a log of the well. The well was drilled by Fred & Carl Cleason.
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 This has been previously reported at Musselshell County Court house.

Signature of Owner

Kenneth Griffith

Date

12-30-65

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.

17770

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STATE OF MONTANA,  
MUSSELSHELL COUNTY, } ss.

FILED THIS 30 DAY OF

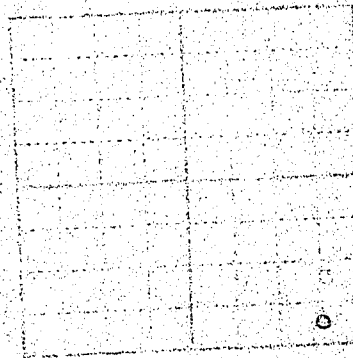
Dec A.D. 1963  
AT 12:59 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson  
DEPUTY

12.00



Notary Public in and for the State of Montana  
My Comm. Expires Jan. 1, 1964

Witness my hand and seal this 30th day of December, 1963.

34

T. 34-10 R. 26

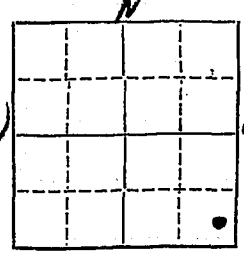
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER



Owner Kenneth Griffith Address Remond  
Driller Frank Stevens Address Old Remond  
Date Started April 1 - 1926 Date Completed April 29 - 1926  
Location: Sec. 34 T. 10 R. 26 1/4 sec. 30 rods from S.E. corner

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

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

Casing: 0 ft. to 12.5 ft. Type galvanized Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 90 to ft. 125 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: \_\_\_\_\_

Static Water level, for non-flowing well: 14 ft. from top

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

Pumping water level: \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: bailed

Length of test: (very good well)

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

(over)

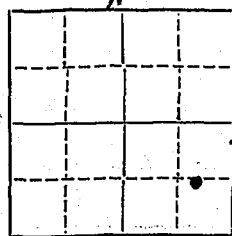
T. 34-10 R 26 34  
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
1951

WATER WELL LOG

STATE ENGINEER



Owner Kenneth Griffith Address Roundup

Driller Elmanson (Carl & Fred) Address Roundup

Date Started April 15-1946 Date Completed April 30-1946

Location: Sec. 34 T. 10 R. 26  $\frac{1}{4}$  sec. 40 S.E. quarter - 40 rods west  
10 rods North of N.E. quarter

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

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

Casing: 0 ft. to 120 ft. Type Galvanized Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 90 to ft. 120 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: perforated

Static Water level, for non-flowing well: \_\_\_\_\_ feet

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: 14 ft of tap  
(date)

Pumping water level: \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: bailed

Length of test: good well

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

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

(over)



Form No. 18  
8-60

T. 10 R. 26  
County MUSSELSHELL

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water Well Log


Owner KENNETH GRIFFITH Address ROUNDUP, MONT  
Driller JOE KOMBOL Address ROUNDUP, MONT  
Date Started 7-11-61 Date Completed 9-16-61  
Location: Sec. 34 T. 10 R. 26  $\frac{1}{4}$  sec. S.E.

Type of well ARTESIAN Equipm<sup>t</sup> used SHURN  
(Dug, driven, bored or drilled) (Churn, drill, rotary, other)

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

Casing: 0 ft. to 213 ft. Type 20 GAUGE GALV. Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 87 to ft. 213 . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations FACTORY SCREEN

Static water level, for non-flowing well: 40 feet.

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

Pumping water level 150 feet at 10 gal. per min.

How tested: BAILER

Length of test 1 HR

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

(over)

## Log of Well

[illegible]

16-055

T. 10 R. 26  
County MUSSELSHELL

STATE ENGINEER

	X	

Owner KENNETH GRIFFITH Address ROUNDUP, MONT  
Driller JOE KOMBOL Address ROUNDUP, MONT  
Date Started 9-1-61 Date Completed 9-5-61  
Location: Sec. 35 T. 10 R. 26  $\frac{1}{4}$  sec. J.W.

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

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

Casing: 0 ft. to 130 ft. Type 20 GAUGE Size 6

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 93 to ft. 116 . Ft. 10 to ft. 80

Type of screen or perforations SCREEN AND 5 HOLES

Static water level, for non-flowing well: 30 feet

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

Pumping water level 90 feet at 10 gal. per min.

How tested: BAILER

Length of test 1 HOUR

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

(over)

T. 10 R. 26  
County MUSSELSHOLE

STATE ENGINEER

X			

Owner KENNETH GRIFFITH Address ROUNDUP, MONT  
Driller JOE KOMBOL Address ROUNDUP, MONT  
Date Started 9-1-61 Date Completed 9-3-61  
Location: Sec. 35 T. 10 R. 26  $\frac{1}{4}$  sec. SW

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

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

Casing: 0 ft. to 130 ft. Type 20 GAUGE Size 6

Casing:	ft. to	ft.	Type	Size
---------	--------	-----	------	------

Casing:	ft. to	ft.	Type	Size
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Perforated or screened: Ft. 93 to ft. 116 . Ft. 116 to ft. 130

Type of screen or perforations **SCREEN AND 3 HOLES**

Static water level, for non-flowing well: 30 feet.

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

Pumping water level 90 feet at 10 gal. per min.

How tested: GAILER

Length of test 1 HOUR

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

(over)

## Log of Well

[illegible]



## GROUNDWATER INDEX

Page / of

County Muskegon Twp. 10N Rge. 27E

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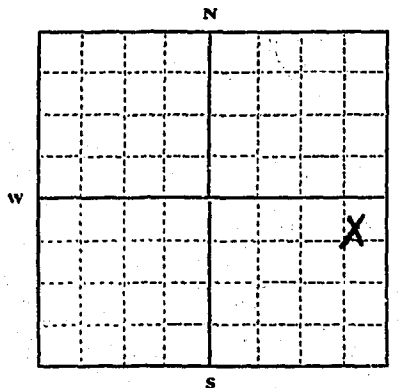
T. 10<sup>N</sup> R. 27County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

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

1. C. H. Hall, of T. Roundup  
(Name of Appropriator) (Address) (Town)  
County of Musselshell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 SE 1/4 Sec 14 T. 10 N. R. 27

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. 11-1-55 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal./min
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.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Artesian
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 10-15-55 to 11-1-55
8. The depth of water table. 225' Well - flows to surface
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. 225' Well - 4" Casing
10. The estimated amount of groundwater withdrawn each year. 1,000,000 gal.
11. The log of formations encountered in the drilling of each well if available. unknown
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. C. H. HallDate Dec. 31, 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.

20582



File No. STATE WATER CONSERVATION BOARD

T. 10 R. 27

DUPLICATE

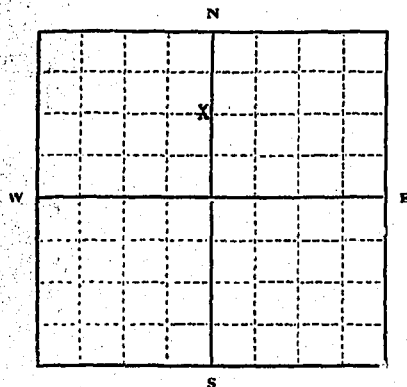
County Musselshell

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Regina Dybvik, of Roundup,  
 (Name of Appropriator) (Address) (Town)  
 County of Musselshell State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 18 T. 10 R. 27  
 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 1940
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940
8. The depth of water table 28 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well is 38 feet deep and there is 10 feet of water in well. Water is withdrawn through 1 1/4 inch pipe by pump. Well is cased.
10. The estimated amount of groundwater withdrawn each year 100,000 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.

REGINA DYBVIK

By: Signature of Owner RA Dybvik  
 Lessee and Agent of Appropriator  
 Date December 30, 1965.

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.

40337

173354

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF  
December A. D. 1965

AT 11:58 O'CLOCK 9 M.

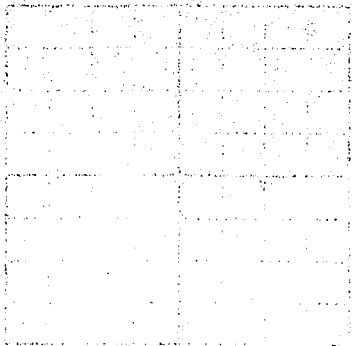
Claude L. Fletcher  
COUNTY RECORDER

RECEIVED AT MUSSELSHELL MONTANA

DECEMBER 31 1965

FILED FOR RECORD

BY CLAUDE L. FLETCHER





GW 4

State of Montana  
Administrator of groundwater Code  
Office of State Engineer

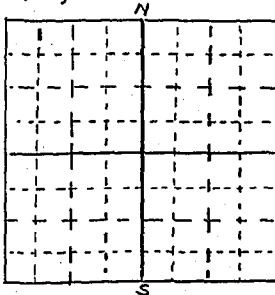
DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

T...11...R...7...  
County...M...S...H...L...

JAN 8 1964

STATE ENGINEER

1. HAROLD O. ELIASSEN, of POVERTY.....  
(Name of Appropriator) (Address) (Town)  
County of MUSSELSHELL State of MONTANA.....  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based...SPRING  
FOR...LIVE STOCK...WATER...
3. Date or approximate date of earliest beneficial use; and how continuous the use has been ....1959.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute)....2 GALLONS PER MINUTE.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....NE 1/4 Sec. 18, T. 11, R. 275.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....GR. 2. 1/2 x 1 1/2 FLAM. 10 IN. TANK.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water .....1959.....
8. The depth of water table .....8 FEET.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
10. The estimated amount of groundwater withdrawn each year.....50,000.....
11. The log of formations encountered in the drilling of each well if available.....G. 2. 1/2 x 1 1/2 FLAM. 10 IN. TANK.....
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 HAROLD O. ELIASSEN  
Date Dec. 19, 1963

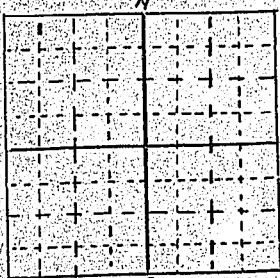
State of Montana  
Administrator of groundwater  
Office of State Engineer

JAN 3 1964

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

ENGINEER

1. HAROLD O. ELIASSEN....., of POVERTY.....  
(Name of Appropriator) (Address) (Town)  
County of MUSSELSHELL.....State of MONTANA.....  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based... S. P. R. I. N. G.  
FOR... I. R. R. S. T. A. K. ... W. A. T. E. R. ...
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.9.246.75 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.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
G. R. R. V. E. L. ... C. L. A. Y. ... S. A. N. D. S. T. O. N. E. ...

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 1959.....
8. The depth of water table 8 FEET.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
10. The estimated amount of groundwater withdrawn each year 50,000.....
11. The log of formations encountered in the drilling of each well if available.....  
G. R. R. V. E. L. ... C. L. A. Y. ... S. A. N. D. S. T. O. N. E. ...
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 Harold O. Eliason  
Date Dec. 30, 1963..

169640

STATE OF MONTANA, } ss.  
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF  
December A. D. 19 63  
AT 11:28 O'CLOCK A.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson  
202 DEPUTY

ZOERB

STATE OF MONTANA



ADMINISTRATORS

NORMAN J. BEAUDRY, EXEC. SECY.  
P. O. BOX 217  
HELENA, MONTANA 59601

DONALD A. GARRITY, ATTORNEY  
422 NORTH PARK AVENUE  
HELENA, MONTANA 59601

JUDSON D. SWEET,  
PETROLEUM ENGINEER  
15 POLY DRIVE  
BILLINGS, MONTANA 59101

HERBERT D. HADLEY, GEOLOGIST  
15 POLY DRIVE  
BILLINGS, MONTANA 59101

OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE  
BOX 217  
HELENA, MONTANA 59601

COMMISSIONERS

ALLEN ZIMMERMAN, CHAIRMAN  
P. O. BOX 277  
POPLAR, MONTANA 59255

L. V. HARRIS, VICE CHAIRMAN  
HORSKY BLOCK BLDG.  
HELENA, MONTANA 59601

E. G. BALSAM  
2300 PEARL  
MILES CITY, MONTANA 59301

C. J. IVERSON  
WHITLASH, MONTANA 59545

WINSTON L. COX  
828 SECURITIES BLDG.  
BILLINGS, MONTANA 59101

October 23, 1970

Water Conservation Board  
Water Resources Engineer  
Sam W. Mitchell Building  
Helena, Montana 59601

RECEIVED

OCT 26 1970

Dear Sir:

Enclosed you will find a copy of a Release Agreement  
for the utilization of a fresh water well.

Operator: Texaco, Inc.

Lease Name: Zoerb

Well No.: 6, Section 18, Township 10N, Range 27E  
Musselshell County

Yours very truly,

*N. J. Beaudry*  
Norman J. Beaudry  
Executive Secretary

NJB/ml

Encl:

cc: Mr. W. Vond  
Bureau of Mines and Geology  
Butte, Montana 59701

Oil and Gas Conservation Commission

*Judson D. Sweet*  
Petroleum Engineer, Geologist, or Executive Secretary

Dated: *Oct 20 1970*, 19\_\_

47676

~~47676~~

OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF MONTANA

R E L E A S E   A G R E E M E N T

KNOW ALL MEN BY THESE PRESENTS, that I, Fred C. Zoerb  
\_\_\_\_\_ of the County of Musselshell \_\_\_\_\_ in  
the State of Montana, am the owner of the hereinafter described land upon which  
a well for oil or gas was drilled, to-wit:

Operator \_\_\_\_\_

Lease Name Zoerb

Well No. 6 Sec. 13, Twp. 10 N., Rge. 27 E.

The well is located 1930 feet N of the S line

line and 600 feet E of the E line \_\_\_\_\_ line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30,  
1953, I do hereby notify the Oil and Gas Conservation Commission of the State  
of Montana of my desire to utilize said well as a fresh water well; and, that  
if such utilization is approved, I do hereby release and discharge the operator  
hereinabove named from any further work or responsibility in relation to the

Water Use: Domestic \_\_\_\_\_ Municipal \_\_\_\_\_ Stock y Other \_\_\_\_\_  
Industrial \_\_\_\_\_ Drainage \_\_\_\_\_ Irrigation \_\_\_\_\_

Producing Depth 2462 Producing Formation Arden

Yield of well \_\_\_\_\_ Annual Withdrawal \_\_\_\_\_

WITNESS my hand and seal this 14 day of October, 1970.

Fred C. Zoerb (L.S.)  
Landowner  
Address 5242 1/2 1st St. Dr.  
North Palm Beach, Florida

IN THE PRESENCE OF:

W. P. Buchanan Address 112 1/2 1st St. Dr.  
John W. Buchanan Address 112 1/2 1st St. Dr.

APPROVED BY:

Oil and Gas Conservation Commission

Judson A. Smith  
Petroleum Engineer, Geologist, or Executive Secretary

Dated: Oct 20, 1970, 1970

47676

~~47677~~



STATE OF MONTANA



ADMINISTRATORS

NORMAN J. BEAUDRY, EXEC. SECY.  
P. O. BOX 217  
HELENA, MONTANA 59601

DONALD A. GARRITY, ATTORNEY  
422 NORTH PARK AVENUE  
HELENA, MONTANA 59601

JUDSON D. SWEET,  
PETROLEUM ENGINEER  
18 POLY DRIVE  
BILLINGS, MONTANA 59101

HERBERT D. HADLEY, GEOLOGIST  
18 POLY DRIVE  
BILLINGS, MONTANA 59101

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ALLEN ZIMMERMAN, CHAIRMAN  
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POPLAR, MONTANA 59255

L. V. HARRIS, VICE CHAIRMAN  
HORSKY BLOCK BLDG.  
HELENA, MONTANA 59601

E. G. BALSAM  
2300 PEARL  
MILES CITY, MONTANA 59301

C. J. IVERSON  
WHITLASH, MONTANA 59545

WINSTON L. CO.  
825 SECURITY BLDG.  
BILLINGS, MONTANA 59101

OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE

MONTANA WATER RESOURCES BOARD BOX 217  
HELENA, MONTANA 59601

Dir. \_\_\_\_\_ Pin. \_\_\_\_\_  
Adm. \_\_\_\_\_ Inf. \_\_\_\_\_  
Eng. \_\_\_\_\_ Brd. \_\_\_\_\_  
WRD ☒ RBC. \_\_\_\_\_  
ECO \_\_\_\_\_ WSW. \_\_\_\_\_  
Lgl. \_\_\_\_\_ CON. \_\_\_\_\_

September 2, 1970

Water Conservation Board  
Water Resources Engineer  
Sam W. Mitchell Building  
Helena, Montana 59601

Dear Sir:

Enclosed you will find a copy of a Release Agreement  
for the unitization of a fresh water well.

Operator: Texaco, Inc.  
Lease: Northern Pacific  
Well No.: 9 Section 9, Township 10N, Range 27E  
Musselshell County

Yours very truly,

*N. J. Beaudry*  
Norman J. Beaudry  
Executive Secretary

NJB:cj

Enc.

cc: Mr. W. Vond  
Bureau of Mines and Geology  
Butte, Montana 59701

APPROVED BY: \_\_\_\_\_

Oil and Gas Conservation Commission

*Judson D. Sweet*  
Petroleum Engineer, Geologist, or Executive Secretary

Dated: Sept 1, 1970, 19\_\_

217421

Doc. No. \_\_\_\_\_  
Filed for record  
this \_\_\_\_\_ day of \_\_\_\_\_  
A. D. 19\_\_\_\_, at \_\_\_\_\_  
o'clock \_\_\_\_\_



OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF MONTANA

RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, Paul Goffena

of the County of Musselshell

the State of Montana, am the owner of the hereinafter described land upon which  
a well for oil or gas was drilled, to-wit:

Operator Toraco Inc.

Lease Name N.P.

Well No. 9 Sec. 19, Twp. 10 N., Rge. 27 East

The well is located 2954 feet N of the East Line North Line  
line and 2049 feet W of the East Line line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30,  
1953, I do hereby notify the Oil and Gas Conservation Commission of the State  
of Montana of my desire to utilize said well as a fresh water well; and, that  
if such utilization is approved, I do hereby release and discharge the operator  
hereinabove named from any further work or responsibility in relation to the  
plugging of said well.

Water Use: Domestic        Municipal        Stock x Other         
Industrial        Drainage        Irrigation       

Producing Depth 3045 Producing Formation Tyler T.D. 3134

Yield of well        Annual Withdrawal       

WITNESS my hand and seal this 31 st. day of August, 19 70

Paul Goffena (L.S.)  
Landowner  
Address Deephua  
Box 15 Mont

IN THE PRESENCE OF:

John W. E. E. E. Address       

John W. E. E. E. Address       

APPROVED BY: Reverie E. Hansen

Oil and Gas Conservation Commission

Quinn C. Smith  
Petroleum Engineer, Geologist, or Executive ary

Dated: Sept 1, 1970, 19 70

Doc. No.         
Filed for record  
this        day of         
A. D. 19 70, at         
o'clock       

2174421

File No. SEP 15 1966

T. 10N R. 27E 29

DUPLICATE

 Billie \_\_\_\_\_ McDermott \_\_\_\_\_  
 Butterfield \_\_\_\_\_ McNulty \_\_\_\_\_  
 Coyne \_\_\_\_\_ Motion \_\_\_\_\_  
 Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_  
 Dickert \_\_\_\_\_

174481

County Musselshell

 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)

Top of Ground

(Elev. above sea level 3320)

 0'-5' Topsoil  
 5-15 Tan Sandstone  
 15-100 Gray Sandstone  
 100-130 Gray Shale  
 130-150 Blu-Gray Sandstone  
 150-205 DK-brn. Shale  
 205-213 Gray Sandstone  
 213-214 Rock  
 214-253 Gray Sandstone

Owner Bureau of Land Management Address Lewistown, Mont.

Driller Joe Johnson Address Terry, Mont.

Date of Notice of Appropriation of Groundwater

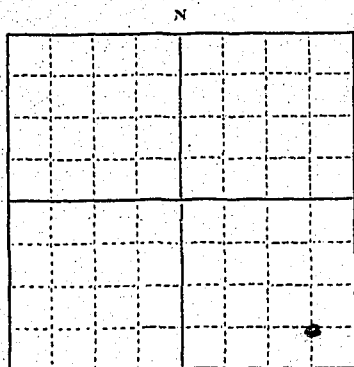
Date well started 7/15/66 Date Completed 7/21/66

 Type of well Drilled Equipment Used Cable tool  
 (dug, driven, bored or (Churn, drill, rotary or  
 drilled) 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)
7 7/8"	6" I.D. 19.18 #	+1	253	5 1/2" 18" 15"	200	242


 SE 1/4 Sec 29 T10N R27E  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 143 feet.

Shut-in Pressure for Flowing Well Not applicable

Pumping Water Level 115 feet at 7 gal. per minute.

Discharge in gal. per min. of flowing well Not applicable

How Tested Bailer 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)

Packers at 199' &amp; 114'

Driller's License Number 154

Driller's Signature Joe Johnson

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.

41,404