Sheridan Con

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF MONTANA

RELEASE

KNOW ALL MEN BY THESE PRESENTS, that I, WILLIAM MILLER, of the County of Sheridan in the State of Montana, am the surface lessee of the herein-after described land upon which a well for oil or gas was drilled, to-wit:

Operator Amerada Hess Corporation (formerly known as Amerada Petroleum Corporation)

Lease Name R. W. Ruegsegger Tract 1

Well No. 2 Sec. 13, Twp. 36N, Rge. 52E

The well is located 600 feet North of the South

line and 1982 feet West of the East line.

That, in accordance with Oil and Gas Conservation Commission Regulation 233.6, 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 p'ugging of said well.

WITNESS my hand and seal this Zth day of July, 1969.

William Miller, surface lessee

In the presence of

el = 0

Address Oll Vool.

1. My 11 5 body of Address Southanh Wout

APPROVED.

Petroleum Envineer

9/18/89

45660

Sheridan Co. cc 13

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF MONTANA

RELEASE

KNOW ALL MEN BY THESE PRESENTS, that we, NELLE D. RUEGSEGGER and NEAL R. RUEGSEGGER of the County of Sheridan in the State of Montana, are the owners of the hereinafter described land upon which a well for oil or gas was drilled, to-wit:

Operator Amerada Hess Corporation (formerly known as Amerada Petroleum Corporation)

Lease Name R. W. Ruegsegger Tract 1

Well No. 2 Sec. 13, Twp. 36N, Rge. 52E

The well is located 600 feet North of the South line and 1982 feet West of the East line.

That, in accordance with Oil and Gas Conservation Commission Regulation 233.6, we do hereby notify the Oil and Gas Conservation Commission of the State of Montana of our desire to utilize said well as a fresh water well; and, that if such utilization is approved, we do hereby release and discharge the operator hereinabove named from any further work or responsibility in relation to the plugging of said well.

WITNESS our hand and seal this the day of July, 1969.

Nelle D. Ruegsegger, Landowner

Neal R. Ruegsegger, Landowner

In the presence of

In the presence of

Address ///

2 117 11:A

APPROVED:

Petroleum Engineer 9/8/69

45660

36 R.52 MONTANA BUREAU OF MINES AND GEOLOGY MELTER, MONTANA STATE ENGINEER WATER WELL LOG Frank Bucklin 36 57 Location: Sec.. Equipment used. (Churn drill, rotary, other Water use: Domestic Irrigation Municipal Stock other Blk. Industrial Drainage Туре.. Type...... Size...... Perforated or Screened: Ft...... to ft...... to ft...... to ft...... Type of screen or perforations..... Static Water level, for non-flowing well: 50 (date) Pumping water level 100 feet at gal, per min. Dumped Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Type of well.

Log of Well

		Log of Well	
Depth	, feet To	Description of Material Drilled	
0-	15	Blue Clay	
يرير	ļ	Blk-Jack	
18-		Bus Clay	
19-	_	Brown Clay	
76		Blue Shale	
136-	138	Gray Clay	
138-	155	Green Shale	
155	-195	Tard Blue Shale	
i	253		
253		Braun Shale	
		Black Jack Sund Stone Water	
255	- 36.80	Sunday Lord Falls	
\mathcal{O}		to 215 ft Standing a Mesch.	
	neu	es of Hole is mad cased	
			
	<u> </u>		
	<u> </u>	De	
	! -		
· · · · · · · · · · · · · · · · · · ·		W.C. 35	
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	j		

323 876

3 W 3	•
File	No

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—42199	19
TOR	

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of Groundwater 1924
	Owner Alfred K. Tange Address Redstone, Montana
	Contractor (if any)
	Address of Contractor
	Date Started Date Completed
N F	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable
Sec. 19 T26 R 52 Indicate point of appropriation and place of use, if possible.	estimate approximate lengths of periods of use. 13 cals per minute Signature of Owner Date December 20, 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

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. County of Sheridan.

December

#O O o'clock P. M.

Y.J. Mela-County Recorder

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use	Owner Herbert & Elizabeth Norg Address 2868 Lexington S. It Paul Minn
File 356192	Contractor (if any) Ewen White
Fibruary 1, 1971	Address of Contractor Postswood Most
GW 1	Date Started 164. Date Completed 1964.
L	1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
N	
	2. Means of withdrawing water (gravity, pump, canal, etc.)
	3. Depth of water table
	5. Amount of groundwater claimed (in miner's inches or gallons per minute)
SW 1/4 F/4 Soc 21 T 30 (N)R 52 (E)	if used for irrigation, give number of acres and description of land
INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or esti-	7. Estimate amount of water used each year 90,000 gral
	8. Months of year spring flows
quing 1001	
tanengtin film	Signature of Owner Herbert Most by Genelda Malte
	48104

STATE OF MONTANA, Sa. County of Shendan.
Filai this

GW 2	•	Approved	d Stock Form-			Montana-34)	
File No				Ŧ	36 r	R 52	5:21
DUPLICATE						herick	(12)
Top of Ground			STATE TRATOR (FFICE OF		DATALLE		/ED
(Elev. above sea level	.) N	lotice of					er
is grand		Approp					INEER
and nother way		(Under Ch					
at gull	Owner?	Tita nat	he	Addres	Rapit	e Mon	
Water Come how sand	Drillerli	Isatur Pul	ling lo	Addres	Mad La	d Mai	
	Date of N	Votice of Appro	priation of	Groundwa	ter 9-16-	64	
	Date well	started 9.2	5-64	Date C	ompleted	2. 27.	64
	Type of v	well drille				_	
-	(dng, dr drilled)	iven, bored or		(Churr other	, drill, rota	ry or Y	
	Water U	ne: Domentic	☐ Mu	nicipal 🗀	Other		rigation []
		Industrial	D _T	ainage [Stock		
		icate on the det with in drilli					
	Show der	oth at which w	ater is enc	ountered, t	hickness ar	id characte	
-	bearing a	strata and heigh	ht to which	i water rise	es in the w	ец.	
	Stor of Drilled	Size red Welcht of	From (Fast)	To (Feet)		PERFORATIO	
							7
	Eolo //	y" I. D.		21	Kind Sire	Free: (Feet)	(Fect)
8	Eloio !/	4" î. D.	0	36'			
8	Eloto 1/	4" I. D. stul Illepa ft	0	36'		(Feet)	(Fect)
8	Eloto //	4" î. D.	٥	36'		(Feet)	(Fect)
8	Elete	4" î. D.	0	36'		(Feet)	(Fect)
8 	"	4" î. D.			fine Cuth	3 4 '	36'
8	Sta	4" 1. D. stul 11th proft	for non-fl	owing Well	fine Cuth	3 4 '	36'
8	Stal	4" 1. D. schul pllips ff tic Water Level	for non-fl	owing Well	June Cutte	3 4 '	36'
8	Star Shu	tic Water Level	for non-fl for Flowing	owing Well Wellfe	June Cutte 31	3 4 '	36'
8	States Shu Pun Dis	tic Water Level	for non-fl for Flowing evel 34	owing Well Wellfe	fine Cuth. 31	3 4 '	ged 36'
	States Shu Pun Dis	tic Water Level tin Pressure in pping Water Le charge in gal. 1	for non-fl for Flowing evel 3 Y per min, of	owing Well Well fe flowing w	fine Culle 3 et at 4.9	3 4 '	deet.
	States Shu Pun Dis	tic Water Level at in Pressure if mping Water Le charge in gal. 1 w Tested	for non-floor Flowing evel. 3 4	owing Well Well flowing w Leng cementing se of grou	stone fune Cutte 3 1 et at 4.9 ell. of Tes packers, pawater is	3 4' L gal. type of shi not at we	get. Ject. per minute. nutoff, loca-
	States Shu Pun Dis	tic Water Level at in Pressure if mping Water Le charge in gal. 1 w Tested	for non-fl for Flowing evel. 3.4	flowing Well flowing w Leng cementing se of groutinent inf	stone Culle. 3 1 et at. 4.9 eli packers, ndwater if ormation,	34' 1 3 Assistance of she not at we including	get. Jeet. per minute. autoff, loca- eli, and any number of
	States Shu Pun Diss Hotel	tic Water Level at in Pressure if mping Water Le charge in gal. 1 w Tested	for non-floor Flowing evel 3 4 per min. of the packing, place of the similar per crigated, if	owing Well Wellfe flowing w Leng cementing se of grou- tinent inf	et at. 4.9 et at. 4.9 et at. 4.9 et of Tes packers, ndwater if ormation, rigation)	gal. type of shi not at we including	get. Ject. per minute. per minute. per minute.
	State Shu Pun Dis Hou	tic Water Level tin Pressure in ping Water Le charge in gal. 1 w Tested	for non-fle for Flowing evel. 3.4	flowing Well	et at 4.9 ell. packers, ndwater if ormation, rigation).	gal. 1. 3. Assisting type of she including gal. Carticular and the control of t	deet. Jeet. per minute. sutoff, loca- eli, and any number of
N N N N N N N N N N N N N N N N N N N	State Shu Pun District Househ	tic Water Level tic Water Level tin Pressure in nping Water Is charge in gal. 1 w Tested Grave tion of other is acres in didd	for non-flor Flowing evel 3 4	owing Well Well fe flowing w Leng cementing se of groundinent info	et at 4.9 ell	gal. 1. 3. Assisting type of she including gal. Carticular and the control of t	get. Ject. per minute. per minute. per minute.
N Sec. 2 T. 2h R. Indicate location of well a place of use, if potsible. Essmall square represents 10 acr	State Shu Pun District Househ	tic Water Level tin Pressure in ping Water Le charge in gal. 1 w Tested	for non-flor Flowing evel 3 4	owing Well Well fe flowing w Leng cementing se of groundinent info	et at 4.9 ell	gal. 1. 3. Assisting type of she including gal. Carticular and the control of t	deet. Jeet. per minute. sutoff, loca- eli, and any number of
N N N N N N N N N N N N N N N N N N N	State Shu Pun District Househ	tic Water Level tic Water Level tin Pressure in nping Water Is charge in gal. 1 w Tested Grave tion of other is acres in didd	for non-flor Flowing evel 3 4	owing Well Well fe flowing w cementing se of groutinent inf used for in Continuous	et at 4.7 et at 4.7 et at 5.7 et at 6.7 et at 6.7 et at 7.7 et at	gal. 1. 3 Aaa type of sh not at we including 9 Aaa Lantin pannala	deet. Jeet. per minute. sutoff, loca- eli, and any number of
N Sec. 2 T. 2h R. Indicate location of well a place of use, if potsible. Essmall square represents 10 acr	State Shu Pun District Househ	tic Water Level tic Water Level tin Pressure in nping Water Is charge in gal. 1 w Tested Grave tion of other is acres in didd	for non-flor Flowing evel 3 4	flowing Well	et at 49 ell	gal. 1. 3 Aaa type of sh not at we including 9 Aaa Lantin pannala	deet. Jeet. Je

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 Goology and Quadruplicate for the Appropriator.

STATE OF MONTANA, sa.
County of Sheridan.
Filed this 30 d.

County Recorder

Matta Wallan

Depure

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Date of Appropriation of Groundwater
	Owner Alfred K. Tange Address Redstone, Montana
	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 Flowing Spring
" X	E.
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
10 11 1 52	estimate approximate hengths of periods of use
NEW SEA Sec. 21. T. 24. R. 52. Indicate point of appropriation and place of use, if possible.	per minute
	Signature of Owner Africal K. Tangel
	Date December 30, 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,
County of Sheridar.
Filmhis 3

4.00 o'clock M.

Ad Nales

County Recorder

GW ~	· Approved Stock Form-State Publishing C	Co., Helena, Montana – 38687/
File No	•	36"R 52"
DUPLICATE		_{nty} Sheridan
ADMINISTR <i>I</i> OFFIC	TATE OF MONTANA ATOR OF GROUNDWATER CODE CE OF STATE ENGINEER	DECEIVE NOV 1 1963
Declaration of (Under Chapte	Vested Groundwater Rier 237, Montana Session Laws, 1961)	ght§tate enginei
JOHN A. THORSON	Outlook,	
(Name of Appropriator) County of Sheridan have appropriated groundwater according		(Town)
3. 4.	The beneficial use on which the claim general farm and personal Date or approximate date of earliest tinuous the use has been October Since as needed. The amount of groundwater claimed per minute) 35 gallons per to which water has been applied and	beneficial use; and how con- 5, 1958used (in miner's inches or gallons minute e and description of the lands
LEL Sec21 T.36. R. 52 Indicate point of appropriation and place of use, if possible. Each small square represents 10 6. acres. 7. The date of commencement and complete drawal of groundwater	on of the construction of the well, we	of withdrawal

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

11.0 deep: 8" casing

10. The estimated amount of groundwater withdrawn each year. 120,000 gallons 50 130,000.

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

unknown

Signature of Owner Jhu & Tham

Date 10/3c/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.

STATE	OF	MONTANA,	
Count	y of	MONTANA, Sheridan	ss.

County of Sheridan.

Filed this 30 day of

Ottober A. D. 19 6 3

1 2:00 o'clock P.M.

County Recorder

6 R File No... County Sheridan DUPLICATE

> STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation ER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

	Owner and M. Bucklin Mares Outlook, Mont
•··	Contractor (if any) Address of Contractor Date Started
	Quantity of water developed and used with explanation of method used to measure or estimate such amounts. If use is intermittent
SH	Signature of Owner Arank W. Buckling. Date Dec. 23, 1963.

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

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

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

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

298

STATE OF MONTANA, ss. County of Sheridan.
File this 30 M at 2:00 o'clock P. M. J. A. Mules. County Recorder

· · · /	
170'0	Mortogen Cock Form Phase Publishing Co., Helena, Montana -42199
rile No	MEDE VE TE 52
DUPLICATE	MAY 2 0 1964 County
110	STATE OF IMONUANAL COD
DUPLICATE SECTION ADMINI	JAN 15 1964
01	STATE ENGINEER STATE ENGINEER
Notice of Comple	tion of Groundwater Appropriation
•	Without Well
(Under C	hapter 237 Montana Session Laws, 1961)
	Date of Appropriation of Groundwater1941
	OwnerHarry P. Louck Address Plen tywood, Mont.
	Contractor (if any)
	Address of Contractor
	Date Started1959 Date Completed1959
, N	
	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	water when applicablenaturalPlowingspring
	walk with p erforated tike
	E .

	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
XM 34 Pubec 25 T36 R 52	estimate approximate lengths of periods of useyear round 11.
Indicate point of appropriation	
and place of use, if possible.	
	Signature of Owner Ham: D tench
	Signature of Owner Lassy December 31, 1963
	·

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.

#4⁵4 334919

STATE OF MONTANA, Los.
County of Sheridan,
Figa this

SILLIANDER

A ____day of _Л. D. 19 🔏 З.

1:00 o'clock 2. M.

La. Nulle— County Recorder

T. 50 R 52

DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

STATE ENUINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under	Chapter 237 Montana Session Laws, 1961)
	acquired land in Date of Appropriation of Groundwater November 2,1940; Predecerate in 1955est used water Owner John A. Thorson Address Outlook, Montana 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
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-
Indicate point of appropriation and place of use, if possible.	per ##### hour, total of 1,200,000 gallons per
	Signature of Owner Date October 30,1963

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

· N MJHWJ

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.

334030 # 187

STATE OF MONTANA, St. County of Sheridan.

Pled this 30 day of A.D. 1963

St. 2:00 o'clock P. M.

County Recorder

GW 2	Approved Stock Porm-State Publishing Co., Helena, Montana-1931
File No	T 36 R 5-2 U
DUPLICATE	County Sheeidar
	STATE OF MONTANA.
<u> </u>	ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER
Top of Ground	Notice of Completion of Groundwater
(Elsv. above sea leval	Notice of Completion of Groundwater
16 rondy grant	Appropriation by Means of Well
	(Under Chapter 237, Montana Session Laws, 1961)
gellaw stay	Owner g. a. Thousan Address Futlock, Mout
21 peflew sand	Drillo Western Riching Co Address Med Lake mont
The work of	
The state of the s	Date of Notice of Appropriation of Groundwater Let 10-63
by lost - 12 galanin.	Date well started tot 31.63 Date Completed 11.67.63
	Tyle of well dilled Equipment Used Nothing
	(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
21 dlue clay	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-
93 buten cool water	bearing strata and height to which water rises in the well.
196 Same chy	Rise of Size and From To Secure 1
the send from cool water	Delia Weight of (Foot) (Foot)
6	" 4" D. 0 92 Sine Call 91 92
- 1	stul 1 71 /2
 -	11 lle mor
 - 3	3" 131. U. Jon Jon Casti 99" 1"
<u> </u>	stul 610 pgt 72
- I	Static Water Level for non-flowing Well. 78 feet.
	4
	Shut-in Pressure for Flowing Well
	Pumping Water Level
	Discharge in gal. per min. of flowing well
_ 	How Tested Plump Length of Test & have
	Remarks: (Gravel packing, cementing, packers, type of shutoff, loca-
	tion of place of use of groundwater if not at well, and any
-	other similar pertinent information, including number of
	acres irrigated, if used for irrigation)
- Na 1/4 D W Boc 29 T.3 L R.5	
Indicate location of well ar place of use, if possible. Each	ch was made at 89 H by weldy song assurdein
small square represents 10 acre	
Show exact depth of bottom.	
	Driller's License Number
	Lloy of H. Carlson
	Driller's Bignature

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 Mcntana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

334618 #255

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$\Pi\Pi$	NOV	2	1959	<u> </u>

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T		R	<u>5</u> 2	
County	edaV	m Mast.		

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

4	Owner	rvill Nac		*********************	. Address	edatone,	'ont.
		erquist S	rilling	Cr.			
	Date Started		15, 195	9	. Date Com	pleted July	15, 1959
	Location: Se	с29 Т		. R53. ¼ 1	sec…itir…tu	ĸĴ	
Type of well	(Dug, driven, bo	rad or drillad)	Equir	ment used	Char	n-Drill	
Water use: Domestic	-	M unicipal		Stock		Irrigation	
Industrial	. 🗆	Drainage		Other:	Tenta;i	01 0D19	
Casing:	ft. to	£.	Туре		Bize		•••••
Casing:	ft. to	ft.	Туре	•••••••	Size	************************	
Casing:	ft. to	ft.	Туре	****************	Size	***********	***************************************
Perforated or Screene	ed: Ft	to st.	************	Ft	*******	to It	***************************************
Type of screen or perfe	orations						******************
Static Water level, for	non-flowing we	ell:			** ** *******		foet
Shut-in pressure, for i	flowing well:		1	b./sq. in. on:		(date)	
Pumping water level		fee	t at		ga	(
How tested:					-		
Length of test							
Remarks: (Gravel ps							
						•	
***************************************	***************************************	***************************************	***************************************				
	,						
	*	*******************	(OVET)	***************************************	•••••••	***************************************	

DECEIVED NOV 2 1959

		29
T3(5R	<u> </u>
County	sah bead?	

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

	Owner	7111 Nach		*********		detone,		
	Lage; DrillerGust.	rquiet Dr. E. Lagar			Address	ostby. K	onte.	
	Date Started	May 1	5, 1959		Date Com	oleted July	15,	1959
N	Location: Sec	T	3 6	R53. 1/4 8	ec .%5 #	.		
Type of well	(Dug, driven, bored	or drilled)	Equipr	nent used	Chur	a-Drill drill, rotary, oth		
Water use: Domestic		Municipal []	Stock		Irrigation		
Industrial		Drainage		Other:	Toolay	ole—Dry	************	***********
Casing:	ft. to	£t.	Гуре	*******************			······································	
Jasing:	ft. to	ft.	Гуре		Size		•••••	•••••
Casing:	ft. to	ft.	Туре	*****************	Size	***********		
Perforated or Screened				Ft	· ·	to ft		
Type of screen or perfor								
Static Water level, for n								fee
Shut-in pressure, for fic								
_				_		(date)		
Pumping water level	*****************	feet :	st	***************************************	ga	l. per min		••••••
How tested:	*************************	*********************	**************			***************************************	••••	
Length of test	*********				*******************	***********		••••••
Temarks: (Gravel pac	king, cementing	, packers, ty	pe of shut	-off, depth o	f shut-off			
		pps,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***********	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	**************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•••••
	,2,204,0,2,074,074,074,074,074,074,074,074	***************************************						
		***************************************	••••••••••	******************	*************		••••••	••••••

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五十年 一年 十五十二十

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			Log of Well
Depth, feet From To		To	Description of Material Drilled
		10	
1	•	50	Brn. clay
- 20 -		105	- Water-cley Condy yellow cley
105		122	Dluo clay
122	44	150	Quick-Sand
15C	26	10163	Semi-Sand-Stone Try
			
163_	-	181	Shale
181	-	183	Rock
183	-	246	Shale
246	***	247	Fine- Sand
247		050	Coal dry
		250	*
250		25.5	Shale
255_		25%	Coal dry
255		275	Shalo
275	-	373	Sendy-shalo
273		333	Ehale
333		335	coal dry
335	-	372	Shale
372	-	374 301	Bleck-Jack Shale
374 381		333 506	Rock
393	-	596	Shale
596	-	597	lock
597	-	620	Shelo
620	-	67A	Shelp Shelt
632	-	634 300	Rock
	€N S	ļ	of ooel at 475 ft. produces 1 gallen per sin.
		i	
		J	<u></u>

Log of Well

Depth, feet		
From	То	Description of Material Drilled
1 -	50	Brn. clay
-20 -	105	Plue-elay Candy yellow clay
105 -	122	Blue clay
122 -	150	Quick-Sand
150	163	Sami-Sand-Stone 277
163	181	Shale
181 -	183	Rock
183 -	246	Shale
246 -	247	Fine- Sand
247	250	Coal deg
250 -	255	Shale
255 -	253	Coal dry
258 -	275	Shale
275 -	278	Sendy-shalo
278 -	333	Shele
333 -	335	Coal dry
335 -	372	Shale
372 -	374	Dlack-Jack
374 _=	381	Shale
381 -		Rook
393 -		Shale
596 -		Rock
597 -		Shale Shale
632 -		Rock
634 -	300	Shale
-	1	of ocel at 475 ft. produces 1 gallon per min,

File No..... DUPLICATE 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) Owner Mach Brown dr.c. Address Redatone Mante 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 Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermitlat lof NW4 Sec. 30 T 36 R52 tent estimate approximate lengths of periods of use . Saa. 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 School of Mines and Quadruplicate for the Appropriator.

L.A. Nieles County Recorder

3 GW 2 Revised 1969 13 -3M:-10/69

Driller's Address

RECEIVED

STATE OF MONTANA

UEU 2 0 1971

DRILLER'S LOG

ADMINISTRATOR OF GROUNDWATER CODE

Indicate the character, color, thickheight to which water rises in well.

MONTANA WATER RESOURCES BOARD O'TAN'S DEPARTMENT OF NATURESS of strate such as soil, clay, sand, NOTICE OF COMPLETION OF GROUNDWATER AND CONSCRIVATION and water is found and depth at which water is found and APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962 (Under Chapter 237 Montana Session Laws, 1961, as amended) Top of Ground (Elev. above sea level) _ This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by drillor. From (Feet) To (Feet) Please answer all questions. If not amplicable, so state, otherwise the form may be returned. 29 Owner Garden To For Administrator's Use Address Plan 358563 December 29,1971 10,00 AM Col Date well started 6-10-71 completed 6-13-71 Type of well ... dulled (Dug, driven, bored or drilled) Equipment used (Churn drill, rotary or other) Water Use: Domestic ☐ Municipal ☐ Stock 🗹 Irrigation 🔲 Industrial | Drainage | Other | * Garden/Lawn | *Describe USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block ESTIMATED ANNUAL WITHDRAWAL .. PERFORATIONS 6" hole to From (Feet) touch 101' Cutte Tw 117 Static water level8.7 Pumping water level ____ft. atgallons per minute, measuredminutes after pumping began. *Measured from ground level. Well developed by Julie for 1-hr. hours. Power..... Pump..... Remarks: (Gravel packing, cementing, packers, type of shutoff)... 36 4.5W 14 Sec. 33 1.34. NR.52.E INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES. Driller's Signature Lly & H. Call

LICENSE NO. 106

1/8 1 Show exact depth of bottom

49648

358563 #602

County of Sheridan.

Filed this Any of A. D. 19—7—

at /D. D. o'Cock Q. M.

LAMMEN County, Recorder

By Myth Tally

Deputy

7

	Approved Stock Form-State Publishing Co	6 R 52
No		
PLICATE		ty Sheridan
ADMII	STATE OF MONTANA VISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER	[n]" 2" "3
Declaration	n of Vested Groundwater Rig	hts
	Chapter 237, Montana Session Laws, 1961)	STORE ENGLIS
Lars G. Brastad and Syl with right of survivors	via Brastad, husband and wife,	as joint tenants
(Name of Appropriator	hip, not tenants in common, Redi	(Town)
County of SHOFICE	State of Montana cording to the Montana laws in effect prior to	
	The amount of groundwater claimed per minute) 10 gals. per minute 5. If used for irrigation, give the acreage to which water has been applied and tree agarden irrigation around above described.	and description of the land
1/4 SW Sec. 33 T. 36 R. 52 licate point of appropriation	MOOAs described.	
d place of use, if possible. ch small square represents 10 ces.	6. The means of withdrawing such wat location of each well or other means pump, with motorwell	er from the ground and the of withdrawal windmill in Illed.
	ompletion of the construction of the well, well and completed in May, 1917	
The depth of water table		
	type, size and depth of each well or the gener	
So far as it may be available, the	ndwater [125', drilled well;	

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 Selvin Brastod

Date December 27, 1962

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, ss. County of Sheridan.
Filed this 27 th _day of .. 2:00 o'clock Q. M. County Recorder

le No.		T 3 PR 2
	STATE OF HONTANA	County <u>a entition</u>
OFFIC	ATOR OF GROUNDWATER OF STATE ENGINEER OF Vested Groundwate	
(Under Chapter 23	37, Nontana Session	Laws, 1961)
(Name of Appropriator)	, of Box 13.	Redstone Montana (Town)
County of Sheridan have appropriated groundwater accordance January 1, 1962, as follows:	State of cording to the Fonta	Lontana na laws in effect prior to
N		use on which the claim is based Household and meneral far
	use; and how co	mate date of earliest beneficial ontinuous the use has been 1917 Well Ho. 2. 1956
E	inches or gallo	roundwater claimed (in miner's ons per minute) Lyo Gallona per minute n well
NE & S NW14 CW Sec. 20 T.21 R.A.	S. If used for irr description of been applied ar	rigation, give the acreage and the lands to which water has nd name of the owner thereof
Indicate point of appropriation and place of use, if possible.	Ko	1red gation
Each small square represents 10 acres.	ground and the	ithdrawing such water from the location of each well or other rawal oylinder mwap
7. The date of commencement and contother works for withdrawal of gr 1956 - Well no. 3 - 19		0. 1 - 1917 Well no. 2
8. The depth of water table Vel	l no. one and tw	o - 500 ft. Well no 5 - 20
9. So far as it may be available, specifications of any other wor Wells no. one and two dragell no. three bored we	ks for the withdraw	four inch casing.
11. The log or formations encounter	ed in the drilling	year normal form usege of each well if available
none a tilable		
12. Such other information of a simpolicy of this act, including r		
Sig	gnature of Owner	Pogu De Fach
Three copies to be filed by the own in which the well is located.	Dat	e A 21 12 /2
Please answer all questions. If no authorical.	ot applicable, so st	ate, otherwise the form will be

#453

STATE OF MONTANA, country of Sheridan.

File of this State of day of the state of t

Lispany

in hell hade pool may Brown out to	
Water when applicable. Auch when when policable	
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes", Include depth to	N
Address of Contractor Date Started	
Contractor (if any)	
UNTIET (Bush Address Address Manne)	
Date of Appropriation of Groundwater	
hapter 237 Montana Session Laws, 1961)	Onder C
of Groundwater Appropriation Without Welk GIMEER	Notice of Completion
DEFICE OF STATE ENGINEER	
STRATOR OF GROUNDWATER CODE	
STATE OF MOUTANA	
County Andan	DUPLICATE
765 1921	File No.
al a second	E AD
<i>y</i> = <i>y</i>	• 60

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

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

Signature of Owner LLL

SE WILL See No aborrad to engine approximate approximate lengths of periods of use

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

Please answer all questions. It 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.

GW3

File No......

DUPLICATE

T36 R 50 E 36 County Sheridan

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

JAN 15 1964

Notice of Completion of Groundwater Appropriation Without Welk GINEER

(Under Chapter 237 Montana Session Laws, 1961)

W Sec. 36. TH. R. S.: Indicate point of appropriation and place of use, if possible.	Date of Appropriation of Groundwater Owner Lie Lin M Dlyk Address Relative Management of Contractor (if any) Address of Contractor Date Started Date Completed Management of Started Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Arge Management Describe Management of Management Describe Management of Management Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Arge Management Described Management
	Signature of Owner Culture M Buy

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.

STATE OF MCNTANA, ss. County of Sheridan.
Filed this 2.

A. D st /2: 30 o'clock Dr. M.

LO. Meleo

County Recorder

Deputy

File No..... DUPLICATE 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 1948 Owner West March Address Relations Mont Contractor (if any) Address of Contractor
w N	Date Started
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 3 gallons and a gallons are such a gallons.
	Signature of Owner Alexand Suph

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.

334761 #322

STATE OF MONITANA, St. County of Sheridan.

Filed this 27 A. D. 19.6.3

BI /2:20 o'clock P. M.

County Recorder

Deputy

GROUNDWATER INDEX

County SHERIDAN Twp. 36N Rge. 53E

			County	
Sec.	Name of Appropriator	Type of Form	File No.	Remarks
1	LTNOHE, OSCAR	GW H	331650	
.3	BOF "ARNOLD" H	GW 4	334869	
9	CARLSON, M MRS			
9	MILLS, C.W.	well lag		
9	SCOTT, BOB	6412	333727	
9	SELVIG, ROALD	Well 1sa		
9	WIRTZ, FRED	11 1		
11	GALLAND ROBERT J.	GW 2.	341434	
11	WAGNILD ORACE	GW H	0 70 107	
-/-/	WAGNIL O, MARYIN	1	334501	
14	STONER RAY	, u	3.34888	
110	PAULSON, GTLBERT	مرد الامدالا	1	
17		GW 11	334873	
20	WEST, ROBERT C	well los	70,00	
23	KLEPPEN, ARTHUR F.	CW 3	334910	· · · · · · · · · · · · · · · · · · ·
31	GRANT CHARLES	6 W 4	334988	
31	GRANT, CHARLES	GW2	337172	
<u>33</u>	JOHNSON, ARCHIET		331395	
	JOHNSON, ARCHIEJ.	GW 2.	339341	
34	TANGE, JOHN K.		334808	——————————————————————————————————————
-	FACE RESTANCE		1011001	~
10	James 12 Ely Co. of Outlook	644	334947	
10	Farmer's Ele Ca of Outlook		334947	
10	Farmer's Ele Ca of Outlook	6W4 6W4 6W4	334847	
10	James & Elu Co. of Outlook Hase , Masquet Outlook , Town of	6W4	334976	
10 10 10	Farmer's Ele Ca of Outlook	6W4	334947 334925 334976	
10	Farmer's Ele Ca of Outlook	6W4	334947	
10	Farmer's Ele Ca of Outlook	6W4	334947	
10	Farmer's Elu Ca of Outlook	6W4	334947 334976	
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10	Farmer's Elu Ca of Outlook	6W4	334847	
10	Farmer's Elu Ca of Outlook	6W4	334976	

T. 36 N., R 53. E. SHERIDAN COUNTY

c. ¯`		Approved Stock Form-State Publis	hing Co., Helena, Montana-38687
File No			T 36 R 53
DUPLICATE			County Dreida.
	Administrato Office	TE OF MONTANA R OF GROUNDWATER CODI OF STATE ENGINEER	
D	eclaration of Vo	ested Groundwater 37, Montana Session Laws, 1963	Rights STATE ENGINEE
, Occar &	?idhu	of Plentyn	(Town)
County of Di	vidav	State of 1/10 Tan	(Town) ior to January 1, 1962, as follows:
N	3. De		le s based for the state of the
*	4. The period of	ne amount of groundwater claimer minute)	med (in miner's inches or gallons
fr.(16 fr , 2)	to	which water has been applied	reage and description of the lands i and name of the owner thereof
Indicate point of approand place of use, if Each small square representations.	possible. sents 10 6. T	cation of each well or other m	water from the ground and the
7. The date of commendrawal of groundwa	cement and completion (l, wells, or other works for with-
***************************************	40hlo /60	•••••••••••••••••••••••••••••••••••••••	***************************************
9. So far as it may be works for the withd	available, the type, size		general specifications of any other
	•••••••	drawn each year Almaha	
			le
12. Such other informat reference to book an	ion of a similar pature a	s may be useful in carrying ou	at the policy of this act, including
•		Signature of Owner	ate 3th 4, 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.

Griginal 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.

33/650 #137

STATE OF MONTANA, 88.
County of Sheridan.

o'clock P. M.

Olk

Slam

County Recorder

Mallar

Deputy

	No	T 36"R 538
DUI	LICATE	County
	ADMINIS"	STATE OF MONTANA TRATOR OF GROUNDWATER CODE
	OF	FFICE OF STATE ENGINEER
		PPICE OF STATE ENGINEER
	Declaration of	of Vested Groundwater Rights ENG
	(Under Cha	apter 237, Montana Session Laws, 1961)
	-	
1	(Name of Appropriator)	, of Outlook (Address) (Town)
	County of Sheridan	State of Montana
	have appropriated groundwater accord	ding to the Montana laws in effect prior to January 1, 1962, as foll
_	. N	
		2. The beneficial use on which the claim is based
		For livestock, household ava and irrigation
-		3. Date or approximate date of earliest beneficial use; and how
ľ		tinuous the use has been
w }-	В	***************************************
ŀ		4. The amount of groundwater claimed (in miner's inches or ga
-		per minute)
-		***************************************
Į		5. If used for irrigation, give the acreage and description of the l
	5	to which water has been applied and name of the owner the
SE	14 Sec 3 T34 R53	500 feet from wells.
	cate point of appropriation	***************************************
and	place of use, if possible. h small square represents 10	
23160		6. The means of withdrawing such water from the ground and
acre		 The means of withdrawing such water from the ground and location of each well or other means of withdrawal
acr		location of each well or other means of withdrawal
	·	location of each well or other means of withdrawal. Electric motors on cylinder and jet pumps. Location of wells is indicated on map.
	The date of commencement and comp	location of each well or other means of withdrawal. Electric motors on cylinder and jet pumps. Location of wells is indicated on map.
	The date of commencement and compidrawal of groundwater	location of each well or other means of withdrawal. Electric motors on cylinder and jet pumps. Location of wells is indicated on map.
	The date of commencement and comp drawal of groundwater	location of each well or other means of withdrawal. Electric motors on cylinder and jet pumps. Location of wells is indicated on map. Seletion of the construction of the well, wells, or other works for ion of wells was commercial and completed in the years
7. 8.	The date of commencement and computation of groundwater	location of each well or other means of withdrawal. Electric motors on cylinder and jet pumps. Location of wells is indicated on map. Deltion of the construction of the well, wells, or other works for ion of wells was commercial and completed in the years
7. 8.	The date of commencement and computational of groundwater	location of each well or other means of withdrawal. Electric motors on cylinder and jet pumps. Location of wells is indicated on map. Deletion of the construction of the well, wells, or other works for ion of wells was commenced and completed in the years. DOWN.
7. 8.	The date of commencement and computational of groundwater	location of each well or other means of withdrawal. Electric motors on cylinder and jet pumps. Location of wells is indicated on map. Deletion of the construction of the well, wells, or other works for ion of wells was commenced and completed in the years. Description of the construction of the well, wells, or other works for ion of wells was commenced and completed in the years. Description of the construction of the well, wells, or other works for ion of wells was commenced and completed in the years.
7. 8.	The date of commencement and computational of groundwater	location of each well or other means of withdrawal. Electric motors on cylinder and jet pumps. Location of wells is indicated on map. Deletion of the construction of the well, wells, or other works for ion of wells was commenced and completed in the years. Deep size and depth of each well or the general specifications of any rater. Walls are drilled and cased with four inch steep.
7. 8.	The date of commencement and compound of groundwater	location of each well or other means of withdrawal. Electric motors on cylinder and jet pumps. Location of wells is indicated on map. Deletion of the construction of the well, wells, or other works for ion of wells was commenced and completed in the years. Description of the construction of the well, wells, or other works for ion of wells was commenced and completed in the years. Description of the construction of the well, wells, or other works for ion of wells was commenced and completed in the years.
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7. 8. 9.	The date of commencement and computational of groundwater	location of each well or other means of withdrawal Electric motors on sylinder and jet pumps. Location of wells is indicated on map. Deletion of the construction of the well, wells, or other works for ion of wells was commerced and completed in the years move pe, size and depth of each well or the general specifications of any rater. Walls are drilled and cased with four inch state. 176 feet.
7. 8. 9.	The date of commencement and computation of groundwater	location of each well or other means of withdrawal. Electric motors on sylinder and jet pumps. Location of wells is indicated on map. Deltion of the construction of the well, wells, or other works for ion of wells was commercial and completed in the years pe, size and depth of each well or the general specifications of any rater. Walls are drilled and cased with four inch steel.
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7. 8. 9.	The date of commencement and computation of groundwater	location of each well or other means of withdrawal Electric motors on sylinder and jet pumps. Location of wells is indicated on map. Deletion of the construction of the well, wells, or other works for ion of wells was commerced and completed in the years pe, size and depth of each well or the general specifications of any rater Walls are drilled and cased with four inch stern withdrawn each year. The drilling of each well if available. Lavailable
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7. 8. 9.	The date of commencement and computation of groundwater	location of each well or other means of withdrawal. Electric motors on sylvader and jet purps. Location of wells is indicated on map. Deletion of the construction of the well, wells, or other works for ion of wells was commented and completed in the years made. Deep size and depth of each well or the general specifications of any rater. Walls are drilled and cased with four inch stater. Walls are drilled and cased with four inch states with record. The drilling of each well if available. Examination of the well, wells, or other works for ion to be size and depth of each well or the general specifications of any rater. Walls are drilled and cased with four inch states. Examination of the wells, wells, or other works for ion to be size and completed in the years.
7. 8. 9.	The date of commencement and computation of groundwater	location of each well or other means of withdrawal. Electric motors on cylinder and jet pumps. Location of wells is indicated on map. Section of the construction of the well, wells, or other works for ion of wells was conserved and completed in the years nown. pe, size and depth of each well or the general specifications of any years. Walls are drilled and cased with four inch starts feet. The freet. The drilling of each well if available. Lavailable. Sture as may be useful in carrying out the policy of this act, including record.

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.

334869

#406

County Recorder

Deputy

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			20 253	
DECEIVED		Count	y Cheridon	•
DECEIVED MC	ONTANA BUREAU OF	MINES AND GEO	LOGY	
STATE ENGINEER	Butte, N			
SIAIL LIIGINELII	WATER V	VELL LOG		
	1	<i>></i>	<i>~</i> 11	1 - 11
	Arnold			
Driller	- ine Loin d	GELLY & A.	ddress 4 11 4 14	red May +
Date 8	Started /	1751 D	ate Completed	1958
Locati	ion: Sec. 💆 T 🚊	6 REB WAR	SWIN SEL	
Type of well Drille (Dug. de	riven, bored, or drilled)	Equipment used	(Churn will, rotary, oth	er)
Water use: Domestic	Municipal	Stock _	Irrigation	
Industrial	-	Other:		
Casing:ft. to	140 ft. Typ	estock	Size 4	
Casing:ft. to	ft. Typ	e	Size	*******************************
Casing:ft. to	ft. Typ	e	Size	***************************************
Perforated or Screened; Ft	125 to st /-	37 Ft.	to ft	***************************************
Type of screen or perforations	540+	•		***************************************
Static Water level, for non-flow	ving well:	•		feet.
Shut-in pressure, for flowing w	ell:	1b./sq. in. on:		
,	: 6	-	(date)	
Pumping water level/				
How tested: TSFC				******************
Length of test	7 16 Aruss	6.71+1710	1005 12171	F1719
Remarks: (Grave) packing, c	ementing, packers, type	of shut-off, depth of	shut-off)	
11:716		***************************************	*******************************	
		·····	•••••	******************
			***************************************	***********
		***************************************	***************************************	************************

(over)

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Log of Well			
Dept	h, feet	Description of Makeulal Dullland	
From	To	Description of Material Drilled	
	171	clay	
122	,Uc	chay and with haring sand	
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DECEIVE NOV 2 1959	CountySheridan
STATE ENGINEER MONTANA BUREAU OF MINES A	AND GEOLOGY
WATER WELL LO	G
Owner Mrs. Carlson	Outlook, Mont.
Incomplet Dwilling Co.	Address Westby, Mont.
	Date Completed 10/28/59
Location: Sec	3 1/4 sec Black 15 Lock 182
Type of well. Drilled Equipment	usedChurn_Drill
Water use: Domestic • Municipal	Stock Irrigation
Industrial Drainage Ott	ner:
Casing: O- ft. to 104 ft. Type Blk.	11# 4"
Casing:ft. Typeft.	Size
=	Size
Perforated or Screened: Ft. Perf. 104	
Type of screen or perforations	
Static Water level, for non-flowing well:	91
Shut-in pressure, for flowing well:	in. on: (date)
Pumping water level	22 gal. per min.
How tested:Fimped.	

(over)

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

		Log of Well		
Depth	feet		:,	
From	То	Description of Material Drilled		<u> </u>
0~	77	Yellow-clay		
77-	101	Blue-clay		
101-	104	Blue-sand		
-		Static water level 91 feet.		·
		<u> </u>		
				
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T36 A R 53 5	
County Shoridan	

STATE ENGINEER AND BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

Driller Quet S. Lagonoviat Date Started 19/29/59	Address Egathy, Mont. Date Completed 10/31/59
Type of well (Dug, driven, bored, or drilled) [Dug, driven, bored, or drilled)	3 4 sec. Lot 4 Fil. 44.
	Stock Irrigation
Industrial Drainage Oth	97;
Casing:ft. toft. Typeft.	Size <u>1</u> 22
Casing:ft. toft. Type	Size
Casing:ft. Type	Size
Perforated or Screened: Ft	Ft to ft
Type of screen or perforations	p
Type of screen or perforations	•
Static Water level, for non-flowing well:	75feet,
Static Water level, for non-flowing well: Shut-in pressure, for flowing well: lb./sq. is	75 feet. n. on: (date)
Static Water level, for non-flowing well:	75 feet. n. on: (date)
Static Water level, for non-flowing well: Shut-in pressure, for flowing well: lb./sq. is	75 feet. n. on: (date) CCC gal, per min. hr.
Static Water level, for non-flowing well: Shut-in pressure, for flowing well: Pumping water level. 35 feet at	75 feet. n. on: (date) CO gal. per min. hr.
Static Water level, for non-flowing well: Shut-in pressure, for flowing well: Pumping water level. Fig. 12.104 & pumped.	75 feet, n. on: (date) CO gal. per min. hr.
Static Water level, for non-flowing well: Shut-in pressure, for flowing well: Pumping water level. How tested: Ballad & pumped. Length of test. 10 lynn.	75 feet, n. on: (date) CO gal. per min. hr.
Static Water level, for non-flowing well: Shut-in pressure, for flowing well: Pumping water level. How tested: 10 lyn.	75 feet. n. on: (date) CO gal. per min. hr.
Static Water level, for non-flowing well: Shut-in pressure, for flowing well: Pumping water level. How tested: Ballad & pumped. Length of test. 10 lynn.	75 feet, n. on: (date) CO gal. per min. hr.
Static Water level, for non-flowing well: Shut-in pressure, for flowing well: Pumping water level. How tested: Ballad & pumped. Length of test. 10 lynn.	75 feet, n. on: (date) CO gal. per min. hr.
Static Water level, for non-flowing well: Shut-in pressure, for flowing well: Pumping water level. How tested: Ballad & pumped. Length of test. 10 lynn.	depth of shut-off)



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STATE ENGINEER AND GEOLOGY Butte, Montana

WATER WELL LOG

Owner Committee Devilling Co. Driller Address Meathy, Nont. Date Started 10/29/59 Date Completed 10/31/59 Location: Sec. 3 T. 56 R. 33 % sec. Lot 1 11/3 14 Type of well Drilled Equipment used Charactery, other) Water use: Domestic Municipal Stock Irrigation Industrial Drainage Other: Casing: 6t. to 104 ft. Type Size 4* Casing: ft. to 104 Type Size Casing: ft. to 17/20 Size
Driller Out R. Legerquist Address Kostby Ront
Date Started 10/29/59 Date Completed 10/31/59 Location: Sec. 5 T. 56 R. 53 // sec. Lot 1 Sik. 14 Type of well Drilled Equipment used Character Drill (Churn drill, rotary, other) Water use: Domestic Municipal Stock Irrigation Industrial Drainage Other: Casing: 6 ft. to 101 ft. Type Size 4s Casing: 1t. to 15 Type Size 4s
Location: Sec. 3 T. 36 R. 33 1/4 sec. Lot 11 11 12 12 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15
Type of well Dyn 1 1 2 4 Equipment used Christie Dyn 1 1 (Churn drill, rotary, other) Water use: Domestic Municipal Stock Irrigation Industrial Drainage Other: Size 4 Casing: ft. to ft. Type Size 4 Casing: ft. to ft. Type Size Size
Water use: Domestic
Water use: Domestic Municipal Stock Irrigation Industrial Drainage Other: Casing:ft. toft. Type
Industrial Drainage Other: Casing:ft. toft. Type
Casing:ft. toft.
Casing:ft. toft.
Casing:ft. toft. TypeSize
Challenge of the fit Throng Sing
CHRING:
Perforated or Screened: Ft
Type of screen or perforations.
Static Water level, for non-flowing well:
Shut-in pressure, for flowing well:lb./sq. in. on:ldate)
Pumping water level 85 feet at 500 gal. per min hr.
Pumping water level 85 feet at 600 gal. per min. hr. How tested: Salled & pumped
How tested: Eniled & pumped
How tested: Failed & pumped Length of test 10 hrs.
How tested: Failed & pumped Length of test 10 hrs.
How tested: Failed & pumped Length of test 10 hrs.
How tested: Failed & pumped Length of test 10 hrz.
How tested: Failed & pumped Length of test 10 hrz.

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		Log of Well
Depth	, feet	December - 6.75 - Luis Dullad
From	To	Description of Material Drilled
c-	5 19 96	Candy-lean
5- 19- 96-	96 101	Sandy-leam Eluo-cley Yellow-clay Gravel water
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		19 19 19

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	, feet	Description	of Material Drilled		1 1	2.1
From	То	Description				
0- 5-	5	Sandy-loam		e tidea. Telebij		
19-	5 19 96 101	Sandy-loam Blue-slay Yellow-clay Gravel water				
	-					; · · · · · · · · · · · · · · · · · · ·
16. 16		,			1 1	
	<u> Part</u>					
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	<u> </u>				COMMUNICATION &	
				(0)	5 V W	101

GW 2	<u></u>		Approved	Stock Form-	State Publishing	Co., Helena,	Montana-3849	
File No		,			T.	36° 1	رکر	•
DUPLI	ÖATE				7 c	ounty &	Levda	يسيي
	Top of Ground			TRATOR (OF MONT. OF GROUN STATE EI	DWDA)TER	0 ® #∨	E
10	(Elev. above sea level 2370	<i>y</i> • • • • • • • • • • • • • • • • • • •	Notice of	Comple	etion o	f Grou	T 30 196 ndwaf	er
30	yellow Clay	·	Approp				WHI !	NEER
35	sandstone		(Under Ch	-	Montana S	ession Law	s, 1961)	
84	yella Clay	Owner.	Bob Seo	it-	Address	Outlo	of mo	nt
95%	arment (coloter)	Driller.	-061		2 Address	medic	ine La	Ro
104	the sandlester)		Notice of Appro			Q		~63
lass	Coal				3.Date Co		_	8.63
183	Clay,		0.7	D.			. 7	·
12/	Cash (uster)	(dug,	f well will driven, bored or	·····	(Churn	ent Used drill, rotar:		······
1623	Agnad	drille	Use: Domestic	Mu	other) nicipal []	Other [- -1 1•••	rigation 🖂
17/	Clay som Colseen		Industrial		ainage	Stock [=	ngawon []
وعوا	sitysand		dicate on the d					
地位	pick sand (evater)	Show d	met with in drilli lepth at which w	ater is enc	ountered, tl	ickness an	d character	
228	nock	bearing	strata and heig	ht to which	ı water rise	s in the we	ell. 	
0 24	- Comp	Size of Drilled	Size and Weight of	From (Feet)	To (Feei)	P	ERFORATION	48
		Hoja	J 27-48-4				***	
35	Tree rack	53な	Costing 4. Linch 10	0	243-8	Kind Size	From (Feet)	To (Feet)
235	Trace rocks	5 % to	4sinh 10	0	143-8			
235 239 244	trace sach sand had sand a Cad	55to 339ft	4sinh 10	O	143-8	¹ Size	(Feet)	(Feet)
236	trace sock sand had sand all	53 to 2 39 ft	4sinh 10	O	¥43-8	¹ Size	(Feet)	(Feet)
239 239 247	trace sach sand had sand d Cal Water	5 3 to 39 ft 3/4 to 347/2	4sinh 10	0	<i>¥43-8</i>	¹ Size	(Feet)	(Feet)
239	trace sock sand lack water	5 3 to 3 39 ft 3/4 to 347/2	41mh 10			Size	(Feet)	(Feet)
236	Water	5 % to 3 39 ft 3/ \$ 26 8 47 %	4sinh 10	for nov-fl	owing Well.	Size	(Feet)	(Feet)
235	Water	5 3 to 2 39 ft 3/4 to 347 to 8	41mh 10 10 lf.	for nor-fl	owing Well	/ 3 3	(Feet)	(Feet)
237	Water	5 3 to 3 39 ft 3/4 to 3 47 2 s	tatic Water Level	for non-fli	owing Well	/33 0	(Feet)	(Feet)
235	avati	5 3 to 3 39 ft 3/7 to 9 47 to 8	tatic Water Level hut-in Pressure is rumping Water Level bischarge in gal.	for non-flor Flowing	owing Well. G Wellfee flowing we	/33 0	(Feet)	feet.
235	avati	5 3 to 3 39 ft 3/3 to 9 47 to 8	tatic Water Level hut-in Pressure frumping Water Le bischarge in gal. 1	for nov-file for Flowing evel	owing Wellfee	/33	(Feet)	feet.
23 23 23 24 24 24 24 24 24 24 24 24 24 24 24 24	avati	5 3 to 3 39 ft 3/3 to 9 47 to 8	tatic Water Level hut-in Pressure is tumping Water Le lischarge in gal. 1 low Tested.	for nor-flevel	owing Well	/33	gal.	feet. feet. utoff, loca-
235	avati	5 3 to 3 39 ft 3/3 to 9 47 to 8	tatic Water Level hut-in Pressure is tumping Water Level tischarge in gal. low Tested.	for nor-filer Flowing evel	flowing Well	th of Test packers, induster if ormation,	gal. gal. gal. iype of sh not at we including	per minute. La utoff, loca- ill, and any number of
235	Wate	5 3 to 3 39 ft 3/3 to 9 47 to 8	tatic Water Level hut-in Pressure is tumping Water Level tischarge in gal. low Tested.	for nor-filer Flowing evel	flowing Well	th of Test packers, induster if ormation,	gal. gal. gal. iype of sh not at we including	feet. feet. utoff, loca-
235	Wate	5 3 to 3 3 7 to 3 47 2 S	tatic Water Level hut-in Pressure is tumping Water Level tischarge in gal. low Tested.	for nor-filer Flowing evel	flowing Well	th of Test packers, induster if ormation,	gal. gal. gal. iype of sh not at we including	per minute. La utoff, loca- ill, and any number of
235	Water National Nation	5 3 47 2 S	tatic Water Level hut-in Pressure is tumping Water Level tischarge in gal. low Tested.	for nor-filer Flowing evel	flowing Well	th of Test packers, induster if ormation,	gal. gal. gal. iype of sh not at we including	per minute. La utoff, loca- ill, and any number of
235	Water Sec. 7. 36 Indicate location of well place of use, if possible, small square represents 10	5 3 to 3 9 ft 3 47 2 s s s s s s s s s s s s s s s s s s	tatic Water Level hut-in Pressure is tumping Water Level tischarge in gal. low Tested.	for nor-filer Flowing evel	flowing Well	th of Test packers, induster if ormation,	gal. gal. gal. iype of sh not at we including	per minute. La utoff, loca- ill, and any number of
235	Water Wa	5 3 to 3 9 ft 3 47 2 s s s s s s s s s s s s s s s s s s	tatic Water Level hut-in Pressure is tumping Water Level tischarge in gal. low Tested.	for nor-filer Flowing evel	owing Well	th of Test packers, induster if ormation,	gal. gal. type of sh not at we including	per minute. La utoff, loca- ill, and any number of
237	Water Sec. 7. 36 Indicate location of well place of use, if possible, small square represents 10	5 3 to 3 9 ft 3 47 2 s s s s s s s s s s s s s s s s s s	tatic Water Level hut-in Pressure is tumping Water Level tischarge in gal. low Tested.	for nor-filer Flowing evel	owing Well	th of Test packers, indwater if ormation, rigation)	gal. gal. type of sh not at we including	per minute. La utoff, loca- ill, and any number of

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.

And Control to Control 3.33727 2 10 10 th 4000 STATE OF MONTANA, County of Sheridan. County Recorded O O

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County Sheridan	

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY

		WAT	ER WELL	LOG	•		
	OwnerRon Lag DrillerGun Date Started Location; Sec.	gerquist st R. Lag	Drilling gerquist '23/59	g Co.	Address	Westby, M	iont. 1/59
Type of well	Drilled (Dug, driven, bore				Charman 1		
Water use: Domestic		Municipal		Stock		Irrigation	
Industrial		Drainage		Other:	***************************************		*************************
Casing:Q	ft. to98	ft.	ТуреВ11	t. 1.1#	Size	.A."	***************************************
Casing:	It. to	ft.	Туре		Size	***************************************	***************************************
Casing:	It. to	ft.	Туре		Size		***************
Perforated or Screened	l: FtP.or	f., to ft	33to9	3 Ft	••••••	to 1t	
Type of screen or perfor	rations	8246226	lSlote	āОху	-Acet	Tourchus	34
Static Water level, for r	non-flowing well	:	***********			7.	5feet.
Shut-in pressure, for fl	owing well:	***************************************	lb.	/sq. in. on:	*************	(date)	•····
Pumping water level	•••••	85 feet	at		6gs	(
How tested:	Pumped			•••••	***************************************	•	****************
Length of test	hours	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•••••••••		**************		····
Remarks: (Gravel pac	cking, cementin						
	,						
	** <u> </u>		*******************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	**************	***************************************	*************************
	*******************************	************	·····		****************	***************************************	
Ø 《	************************	s:	(over)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	*,************	*************************************	*************************

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		Log of Well	
Depti From	ı, feet To	Description of Material Drilled	
0-	75	Yellow-clay	100
75-	93	Blue-clay	
93-	98	Blue-sand & gravel	
		Static water level 75 feet	
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STATE ENGINEER MONTANA BUREAU OF MINES	AND GEOLOGY

WATER WELL LOG

		102242		0 000			
X	Owner	1 32 20 0 1 10 12 20 0 1 1 20 1	41 73 2000 1	in do.	, Address,	Catton Teatro	. Nest.
	Driller			्र अध् क k	. Address		
	Date Started						
	Location: Sec	r	5/	R 55 %	sec		
	Brille				diam :		
pe of well	(Dug, driven, bored	l, or drilled)	Equi	pment usea	(Churr	drill, rotary,	ther)
ater use: Domestic		Municipal		Stock		Irrigation	. 🗆
		Drainage					····
ising: 100	ft. to	ft.	Туре	II. Stand	Size	· · ·	
sing:	ft. to	ft.	Туре		Size		
sing:	ft. to	ft.	Туре		Size		**************
rforated or Screene							
pe of screen or perfo							
atic Water level, for							
ut-in pressure, for f						(date)	
imping water level	70	fee	t at	350	ga	I. per min	Ir.
w tested:	Sheer and to a						
	0.03 310						
ngth of test	,,,,,,,,		••••		······································	·····	******************
emarks: (Gravel pa	cking, cementing	g, packers, t	type of sh	ut-off, depth	of shut-off)	
<u></u>		····		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		••••••	••••••••
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STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

	Owner	ad Wigner.er			8 d d m ===	Cutios	. Hont.
-x	Owner	arquist t . Lo	orquis	e ce.	Address Address	Westby,	*ion t #
	Date Started Location: Sec.						
Type of well	Drilled (Dug. driven, bore						
Water use: Domestic		Municipal		Stock		Irrigation	
Industrial		Drainage		Other:	***************************************	******************	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Dasing: 102	ft, to		Type	lk. Stand	t Size	45	
Dasing:	ft, to	ft.	Туре	•••••••	Size	***********	
Casiag:	ft. to		Туре	***********	Size	**********	
Perforated or Screened	: Ft. 22	to It.	102	Ft		to ft	************
Type of screen or perfor	rations	Town of	Dertore	tions Ac	ot. Cut	ting tore	n usad
Static Water level, for n							
Shut-in pressure, for flo	owing well:			b./sq. in. on:			
	70			~~~		(date)	****
Pumping water level	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	fee	t at	250	g	al. per min	Hr.
Pumping water level How tested:	Pumped			250	_	_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
How tested:	Punped			******************		************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Funped 12 Are.						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
How tested:	Funped 12 Are.						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
How tested:	Funped 12 Are.						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
How tested:	Funped 12 Are.						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
How tested:	Funped 12 Are.						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

		Log of Well
Depth	n, feet	
From	To	Description of Material Drilled
		
/-	3.5	Brn · clay
35-	55	Blue Cher
55-	56	Blue chey Blue chey Blue chey
56-	96	Blue Ele
96-	102	Dana & liver.
	1	Dana & Mari
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