T. // R. 26 County Musselshel Administrator of groundwater code N' JAN 8 1964 DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws, A1961) WOIN EER 1. Harold O. E.L. 12. S.S. O. 77. of Rounder 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. Stock Water Well 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 19.50...... S.E.L...Sec. 5..T. 1.1.R365. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner Indicate point of appropriapossible. Each small square 6. The means of withdrawing such water from the ground and the represents 10 acres. 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwal of groundwater..... 11. The log of formations encountered in the drilling of each well if available 3274. 11. Sand.s. 4278. E.a.g. 4.6... 5.27.4....

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 Aurold O. Eleasson.

Date Dec. 30, 19.63.

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STATE OF MONTANA, MUSSELSHELL COUNTY 82.

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	(Elev. above sea level 353	· «	Notice of	Comple	tion o	f Grou	ındwət	Ö.
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	-5 - Rocks & San	dy Soil		oriation				79445 - 19 - 1
عًا .	15 - Gravel		(Under Cl	apter 237, M	lontana; S	ession, Law	78, 1961)	
1	5'-40 - Bentoni	te Owner	Bureau of La	nd Manacates	Address	Lewi	itaun .	Mai
. (10-55 - Brown 5he							
7	1-93-2	Driller.	Joe Jo	1150.A	Address	ic.r.r.	Y	OM
6	5-70 - Black Shale	Date of	Notice of Appr	opriation of G	roundwat	er		
12	70-93- Blue Sandsi	Pote	ll started 7	19/61	Data Ca	mnlatad	7/14/	46
	7 - 6		ar started		Daie C0	mhreegr		
	3-95 - KUCK 5-105 - Gray Sand	Stor Type of	well. Little	d	Equipm	ent Used	C36/4	: 10
7	3-105-0,01	drille	iriven, bored or i)		other)	drill, rotar	yor	
- Ye	15, 110 - DI Gray Sand	Voca	Jse: Domestic	□ Muni	icipal 🖂	Other	□ Tr	rigation
1,	In IDE ME CAY SAL	nd stone	Industrial	☐ Drai	nage 🔲	Stock	8<	7 (1)
- Y'	s Stra	aks shall	ے ۔	· · · · · · · · · · · · · · · · · ·				3100
	25-130 DK Glay SA	ale strate	iicate on the d	nagram the d	cnaracter	and thick	ness of the	e diffe
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	Fstreels Sand	>10ng	strata and heig	ht to which	water rise	s in the w	ell.	
1)	30-161 DX Gray =							
		Size of Drilled	Size and Weight of	From (Feet)	To (Feet)		PERFORATION	រទ
	Shale	Hole	Casing			Vind.		To
		776	211			Kind Size	From (Feet)	
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		7%	6"I.D. 19.18 # 1/F	01	162	Size	(Feet)	(Fee
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	N	7 1/3	6" I.D. 19.18 * 19. atic Water Leve			Size S/ot-S	(Feet) 94 14 14	(Feed
		1		l for non-flow	ring Well	Size S/ots	(Feet) 9:4 /4 11	
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	S NE 1/4 SW Sec. 12. T.1/N Indicate location of well place of use, if possible.	Pu Di E Ho Re	ut-in Pressure mping Water Le scharge in gal. ow Tested	for non-flow for Flowing evel	well feet owing we Lengt ementing, of groun nent info	Size Siots Siots A Company A	(Feet) 94 94 71 cobla gal. I	oer min
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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.

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DECEIVE	County 22	24.00 /00	6.10 1	
10 OCT 5 1950	Countryzx	CALCUITA.	, (C. C. C	******
STATE ENGINEER MONTANA BUREAU OF MINES AND Butte, Montana	O GEOLOGY		er National	
WATER WELL LOG				
Owner 6. C. Daugherty	Address	Knun	lui n	POUL -
Driller P. L. Ferguson	Auu 688./	P	6 7%	and
	V	1		
Date Started Aug 1-1960	_		1	<i>(a.D</i>
Location: Sec. 32 T. // R. 26			ing was been	
Type of well (Dug, driven, bored, or drilled) Equipment used	d Chur	of drill, rotary,	other)	•••••
rail air an ghailtean agus an leagaige ann an tartaig an tartaig an tartaig an tartaig an tartaig an tartaig a	k 💟	Irrigation	. 🗖	
		٠.		
Casing 1- 435 tt. to 435 ft. Type 20 Gaung				******
Casing: ft. to ft. Type				
Casing:ft. toft. Type				
Perforated or Screened: Ft. 408 to ft. 435 Ft.				
Type of screen or perforations. Olah				
Static Water level, for non-flowing well: 32.0			f	eet.
Shut-in pressure, for flowing well:lb./sq. in.				******
Pumping water levelfeet at		(date)		
How tested: Laling		ber mm		******
Length of test / hr.	***************************************			
Remarks: (Gravel packing, cementing, packers, type of shut-off, dep				
	••••			

(over)

Log of Well

Depth,	feet	Description of Material Drilled
From	То	SOUNTE DATE OF IMMOGRATE DATE OF
	1911	
	134	Sugare Soil
134	136	Hard lime Shill
136	1.0	The state of the s
161	1	Had line sheet
	302	from the contract of the contr
302	406	Sundy shale
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		The second secon
	 	
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County Musclohell Twp. 11 N Rge. 27E

	Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
	8	Nebranka Leeding Co.	BW4	166622	
	15	n On	6W3	166625	
	24	10 H	GW4	166523	
	24	Goffina, Jerone, T.			
1	24	Goffina Terone, T. Nebraska Seeding Co.	6W3	166626	
ſ	32	Ellinsson E.S.			
ſ	33	nebrooks Sording Co.			
	33	11 0 11	6W4	166624	
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	And the second s	The second of the second secon
4-Helena Independent Reco	rd -	
• No	•	T 11N R 27E
PLICATE		County Musseshell
	STATE OF MONTANA	
	ADMINISTRATOR OF GROUNDWATER CO	DECEIVED
	Declaration of Vested Groundwater Ri (Under Chapter 237, Montana Session Laws, 1	ghis
County of Douglas have appropriated grolows:	Appropriator) (Address) State of Nebraska Sundwater according to the Montana laws in effec	(Town)
N N	2. The beneficial use on which the stock water	e claim is based
1	3. Date or approximate date of ea	
	E	
	4. The amount of groundwater cla	imed (in miner's inches or callon
		per min.
	per minute)	
s	5. If used for irrigation, give the	e acreage and description of the
E 14 NE Sec. 8 TIL	R 27E	

dicate point of approp		
dicate point of approp nd place of use, if pe ach small square repres	ossible. 6. The means of withdrawing suc	h water from the ground and th

and place of use, if possible.

Each small square represents 10
acres.

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

Pumped by windwill;

location NEANEM Sec. 8, T11N, R27E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction begun May 28, 1961 and completed June 2, 1961.

8. The depth of water table 45 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 in. casing 351 feat deep

The log of formations encountered in the drilling of each well if available 0-2 gumbo; 2-8 brwn. shale; 8-26 blue shale; 26-36blue shale and sandy clay; 36-81grey black shale; 81-90grey shale 90-208 grey shale with bentonite; 208260blue sandstone; 260-276 blue snad shale; 276-304blue sandstone and shale; 304-312 grey shale; 312-335 blue grey snad; 335-340 grey sandy shale; 340-351 dark shale.

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 is wellnumber 12 as is listed on the Nebraska Feeding Company map that is in the possession of the ranch foreman.

Signature of Owner Date June 22, 1962

....540,000 gel.

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

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

10. The estimated amount of groundwater withdrawn each year

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.

166622

STATE OF MONTANA, SA MUSSELSHELL COUNTY. SA FILED THIS 2 > DAY OF
A D 18 6 2
O'CLOCK O'N.
H. MATZKE
O'COUNTY RECOMMENT Contract to the State and Contract of the Santa and the Santa and with the constant the constant broken and the second broken and the second and the second or contact the cast of profile and the profile of the cast of the Transfer to an density

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File No. DUPLICATE STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion	of Groundwater Appropriation Without Well
(Under C	hapter 237 Montana Session Laws, 1961)
	Date of Appropriation of Groundwater
	Owner Nebraska Feeding Co. Address 702 Livesteck Exch. Omaha 7, Nebr. Contractor (if any)
	Address of Contractor zons undetermined early date Date Started Date Completed
N	Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to
	water when applicable
	natural flow from ground into coules; spring is cleaned out periodically by ranch hands.
	f^{-1}
	Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-
s L 1/4 NE: Sec 15 T lln R 278	tent estimate approximate lengths of periods of use
dicate point of appropriation d place of use, if possible:	Flow of water meed is about 3 gallons per minute
	as estimated by sys of ranch foreman. Water used each year as stock water.
	Signature of Owner Ly D.C. Tofly J. Co.
	Date JULY 12, 1962

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.

166625;

STATE OF MONTANA BANK MUSSELSHELL COUNTY!

FILED THIS SZ DAY OF

AT OCLOCK M

B. H. MATZKE

COUNTY RECORDER

DEPUTY

· >124

File No.

DUPLICATE

T 11N R 27E

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

County Musselsholl

STATE ENGINEER

Declaration of Vested Groundwater Rights

Nebrask	a Fe	edinf	Co	apany.		of 701 Livestock Exch. Bldg. Omaha
	(Nam	e of A	raad	priator	:)	(Address) (Town)
						State of Nebraska
iave appro ows:	priau	ea gro	unav	vater a	ccoran	g to the Montana laws in effect prior to January 1, 1962, as fol-
			- 17		1997 B	grafi a regional proportion de la companya de la c
	N				2.	The beneficial use on which the claim is based
			. []			stock water
		7	2		9	Date or approximate date of earliest beneficial use; and how con-
			-		u.	tinuous the use has been May 17. 1948
 -	-		+			used each year since
			-	E		· · · · · · · · · · · · · · · · · · ·
			1_1	•		The emount of groundwater aleimed (in miner's inches or gellen.
				4.00		The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per min.
	+		+		100	
<u> </u>			لنبا		5.	If used for irrigation, give the acreage and description of the
	8					lands to which water has been applied and name of the owner thereof not applicable
	O.L.					thereof
4 NE Sec	24	T.111	R. 2	(E	11.	
ate point						
place of					6.	The means of withdrawing such water from the ground and the
small squ	uare r	eprese	nts J	U		location of each well or other means of withdrawal
•		atta ya fili	1,50	44 T. C.		remitted of Good me 401
he date o	f com	mence	ment	and c	omplet	ion of the construction of the well wells or other works for with
he date o	f com groun	mence dwate	meni r	and c	omplet	ion of the construction of the well wells or other works for withtion started April 13, 1948 and completed key 10,
		*		•. •••••		ion of the construction of the well wells or other works for with- tion started April 15, 1948 and completed key 10,
he depth	of wa	iter ta	ble	250 1	ſt.	ion of the construction of the well, wells, or other works for with- tion started April 13, 1948 and completed key 10,
he depth	of wa	iter ta	ble	250 1	ſt.	ion of the construction of the well, wells, or other works for with- tion started April 13, 1948 and completed key 16,
he depth o far as it ther work	of wa	ter ta be ava	ble ailab ithdr	250 fe, the	ft. type, si	ion of the construction of the well, wells, or other works for withton started April 13, 1948 and completed May 16, ize and depth of each well or the general specifications of any dwater 7 in. casing to 288 ft; well is 375 ft.
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he depth o far as it ther work deep. The estima	of wa may s for ted a forma 62 b	be avenue the windown tions centical	of g	250 1 le, the awal of roundy intered & si	type, sif ground	ion of the construction of the well wells or other works for withton started April 13, 1948 and completed May 16, ize and depth of each well or the general specifications of any dwater 7 in. casing to 288 ft; well is 375 ft. withdrawn each year 540,000 gal. drilling of each well if available 0-25 ft. bentonite and cwn. shale:62-91 sandstone:91-105 black shale:
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

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STATE OF MONTANA: STATE OF MON

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B. H. MATZKE

COUNTY SECONDER

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ADMINISTRATORS

Manager and the second second

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COMMISSIONERS

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

WINSTON L. COX. CHAIRMAN 525 SECURITIES BLDG. BILLINGS, MONTANA 59101

NORMAN J. BEAUDRY, EXEC. SECY, P. O. BOX 217 MELENA, MONTANA 58501

DONALD A. GARRITY. ATTORNEY 422 NORTH PARK AVENUE HELENA, NONTANA 89501 JUDSON D. SWEET,
PETROLEUM ENGINEER
15 POLY DRIVE
BILLINGS, MONTANA BB101

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

MONTAHA WATER RESOURCES BOARD

MONTAHA WATER RESOURCES BOARD

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OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE

HELENA. MONTANA 59601

L. V. HARRIS HORSKY BLOCK BLDG. HELENA, HONTANA BREOF

E. G. BALSAM 2300 PEARL MILES CITY,

January 15, 1970

MONTANA WATER RESOURCES BORRDONTANA 50848 Olr. Adm. Brd. Eng. RBC WRD WSW RCO. CON

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 utilization of a fresh water well.

> Operator: B G & O Company Lease Name: Hall - N. P.
> Well No. 1-24, Sec. 24, T10N, R27E
> The well is located 1980 feet south of the
> North line and 2334 feet west of the East line.

> > Yours very truly,

Norman J. Beaudry Executive Secretary

Enclosure

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

APPROVED BY: Petroleum Engineer, Geologist, or Executive Secretary JAN 1 3 1970 Dated:

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OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF MONTANA

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the State of Montana, am the owner of the	e hereinafter described lane of
a well for oil or gas was drilled, to-wi	t:
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Lease Name MALL - M.P.	
Well No. 1-24 Sec. 24, To	vp. 10M , Rge. 27m
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feet 17 0	f the test line.
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That, in accordance	s Conservation Commission of the State
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if such utilization is approved, I do	recognitivity in relation to the
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plugging of said well.	Carala W Other
Water Use: Domestic Mun	icipal Stock Other
Industrial Dra	inage
Producing Depth 520-608	Producing Formation
Yield of well	_ Annual Withdrawal
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WILKES	Ocenne Gaffena (L.S)
	Landowner D. S. Ser 537
	Address
	(Column)
IN THE PRESENCE OF:	Address Roundup Mont, Address Roundup Mont.
Mangaret Hoffens	Address Director mont
Gary Patterson	Address W Co-Line
APPROVED BY:	
Oil and Gas Conservation Commission	2
	vecurive Secretary
Petroleum Engineer, Geologist, or E JAN 1 3 1970	_, 19
Dated:	

General Rules and Regulations Order No. 1-1, Nov. 30, 1953 Regulation 233.6

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WELLS USED FOR FRESH WATER When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility. วรีวีลุ่น อิติยา ซอ สุดปัสทุนโล

Land Control

J. Gul T 11 N R 27 E File No. County. D)ECEI DUPLICATE STATE OF MONTANA M Jul 30 1962 ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER STATE ENGINEER Notice of Completion of Groundwater Appropriation Without Well (Under Chapter 237 Montana Session Laws, 1961) Date of Appropriation of Groundwater Owner. Nebraska Feeding Co. Address 701 Livestock Exch Omaha, Nebraska Contractor (if any) Address of Contractor ... none Describe means of obtaining groundwater without a well "as by sub-irrigation" and other natural processes". Include depth to water then applicable...... Natural flow from ground into a dam: spring cleaned out periodically by ranch 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 NE ... 14. NW. Sec. 24 T11 R27 Flow of water is setimated to be about 3 gallons per Indicate point of appropriation and place of use, if possible. minute as estimated by sys of ranch for used each year as stock water

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.

Signature of Owner

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

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF MONTANA

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KNOW ALL MEN BY THESE PRESENTS, the of the County of			
State of Montana, am the owner of the		er described	Idia apon was
rell for oil or gas was drilled, to-wit	:		
Operator McAlester Fuel Com	pany		
Lease Name C. H. Hall Estate			
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The well is located <u>330</u> fe	et Kof th	e North	
line and 2352 feet Kof	the	est 1	ine dan dan kurah
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such utilization is approved, I do her	reby releas	se and disch	arge the operato
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Herbert D. Hadley, Petroleum Geologist	tive Secre		
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Regulation 233.6 WELLS USED FOR FRESH WATER When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the water well, and such defilization is desired by the randowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilizations of such utilizations. tion is secured from the landowner and filed with the Commission.
Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility. rado) (8.3) Lander (1997) Feb. 193

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ADMINISTRATORS

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

JOHN H. RISKEN, ATTORNEY
P. O. BOX 217
HELEMA, MONTANA 59601

BILLY B. LANE, GEOLOGIST 15 POLY DRIVE BILLINGG, MONTANA 59101

BILLINGG, MONTANA 59101
GORDON D. LANOUETTE,
PETROLEUM ENGINEER
15 POLY DRIVE
BILLINGG, MONTANA 59101

STATE OF MONTANA



OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE

BOX 217

HELENA, MONTANA 59601

COMMISSIONERS

WINSTON L. COX, CHAIRMAN 1925 GRAND AVENUE BILLINGS, MONTANA 59102

CLYDE BREWER, VICE-CHAIRMAN P. O. BOX 294 ROUNDUP, MONTANA 59072

ALLEN ZIMMERMAN, P. O. BOX 177 POPLAR, MONTANA 59255

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

LYLE KASSEL, 142 THIRD BOUTH SHELBY, MONTANA 59474

October 1, 1968

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

Dear Sir:

Enclosed you will find a Release Agreement concerning the McAlester Fuel Company's NP 33-9 well, Section 33, Township ll North, Range 27 East.

This well has been transferred to the Nebraska Feeding Company, J. B. Harbour, Box 103, Roundup, Montana, to be used as a fresh water well.

Yours very truly,

Norman J. Beaudry
Executive Secretary

NJB/pz Encl.

MONTANA WATER RESOURCES BOARD

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OCT 2 1968 END 10/2/48 Marina

APPROVED BY:

Oil and gas conservation Commission

Petroleum Engineer or Executive Secretary

Dated:

9- Zo

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JUL 1 6 1969

OF THE STATE OF MOTHAGES - Official

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF MONTANA



RELEASE AGREEMENT

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	KNOW ALL MEN BY THESE PRESENTS, that I, Nebraska Feeding
the State of Montana, am the Syste of State of Montana, and the System of State of Montana, and the System of the State of Montana of Marketer Professional Profe	KNOW ALL MEN BI IMMOST PROSPECT Shell in
the State of Montana, am the Syste of State of Montana, and the System of State of Montana, and the System of the State of Montana of Marketer Professional Profe	of the County of the horeinafter described land upon which
Operator Lease Name N.P. Well No. 33-9 Sec. 33 , Twp. 11 , Rgs. 27 The well is located 2029 feet \$ of the South line and 50 feet \$ of the Set 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 herein- above named from any further work or responsibility in relation to the plugging of said well. WITNESS my hand and seal this 12 day of July 1968. Nelvarka Feeding Company Address Rox 103 Roundup, Manhana IN THE PRESENCE OF: Address Rox 103 Roundup, Manhana Address Winnel M	the State of Montana, am the owner of the horse
Lease Name Well No. 332 Sec. 33, Twp. 11, Rgs. 27 The well is located 2028 feet of the south line and 632 feet 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. WITNESS my hand and seal this 12 day of July 1968. Nelvaska Feeding Company Address Rox 103 Roundup, Mantana IN THE PRESENCE OF: Bonnic D July Address Minnett Mantana Address Minnett Mantana Approved By: Oil and Gas ponservation Commission Petroleum Engineer or Executive Secretary Jul 16 1969	a well for oil or gas was drilled, to-wit:
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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. WITNESS my hand and seal this 12 day of July 1968. Nebvaska Feeding Company Landowner Address Dox 103 Roundup, Mantana IN THE PRESENCE OF: Address Winnett Mantana Address Winnett Mantana Address Winnett Mantana Approved BY: Oil and Gas popservation Commission Petroleum Englineer or Executive Secretary JUL 16 1969	Well No. 33-9 Sec. 33, Twp. 17, Rgs.
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Approved By: Oil and Gas conservation Commission Petroleum Engineer or Executive Secretary 1963	IN THE PRESENCE OF:
APPROVED BY: Oil and Gas Conservation Commission Petroleum Engineer or Executive Secretary 1963	^
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Oil and Gas Comservation Commission RECEIVE:	Harald & Sandwar Address Minister
Oil and Gas Comservation Commission RECEIVE:	APPROVED BY:
Petroleum Engineer or Executive Secretary JUL 1 6 1963	· //
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	Dated: 9-70 1960 OR AND 60 DOWN OF THE STATE OF MOUNTAIN A SHELL

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General Rules and Regulations Order No. 1-1, Nov. 30, 1953 Regulation 233.6

WELLS USED FOR FRESH WATER

When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.



1-Helena Independent Record		w 300
e No		T 11N R 27 E
PLICATE		County Musselshell
ADMI	STATE OF MONTANA VISTRATOR OF GROUNDWATER COI OFFICE OF STATE ENGINEER	DE DE CETVE
	tion of Vested Groundwater Rig Chapter 237, Montana Session Laws, 19	
Booking Company	y of 701 Livestock	Frah Bldg. Omohe
Nebraske Feeding Compa	or) (Address)	(Town)
County of Douglas	State of Nebraska according to the Montana laws in effect	
E. 14NW Sec. 33. T. 11NR. 27E	4. The amount of groundwater clair per minute) 25 gal per minute)	n. acreage and description of the applied and name of the owner
dicate point of appropriation ad place of use, if possible. ach small square represents 10 tres.	6. The means of withdrawing such location of each well or other m Pumped by windmill;	neans of withdrawal
1060	completion of the construction of the we struction started Aug. 5, 1960	ll, wells, or other works for with- and completed Rug. 9,
So for as it may be available the	type, size and depth of each well or to f groundwater 6 in. casing dep	he general specifications of any
***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

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 is well number 14 as is listed on the map of the Nebraska Feeding Company Ranch that is in the possession of the ranch foreman.

Signature of Owner.....

Date June 22, 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.

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GROUNDWATER INDEX

Page ____of___

County Muscalaholl Twp. 11N Rge. 28E

County File No. Type of Form Remarks Name of Appropriator Sec. Goffena Ranch Co. Boffena L.W. Dall, C. H. 165234 165059 169741 169813

Form No. 18 8-60		***	•
6-00		T. // County <u>Ma</u>	R. 28 selskell DECEIVED
	MONTANA BUREAU OF M Butte, Mo		* M _{NOV 2 1961} U
X	Owner Infana Pares Driller Mc Connel Date Started oct 15. Location: Sec	Addre Du Addre 1961 Date	STATE ENGINEER ss Nandip completed or 27, 196 4 sec. 78
	g, driven, bored, or drilled)	uipment used	(Churn, drill, rotary, other) Irrigation
Indus Casing: 0 Casing: 0	trial Drainage ft. to $\frac{40}{90}$ ft. The following ft. The ft. The function of the function	Other	Size 24# Size 6"
	reened: Ft. 10 to ft	. <u>GD</u> . Ft	to ft
	el, for non-flowing well	: 10-	15 down feet.
Shut-in pressure Pumping water le How tested:	, for flowing well: vel	lb./sq. i /2ga	n. on: (date)
Length of test_	5 min.	·	
	l packing, cementing, pa t-off) 40	ckers, type of	shut-off, depth of

STATE OF THE PROPERTY OF THE P

Section 1

Log of Well

	<u></u>	10g 01 #611	
Depth, From	feet To	Description of Matanial Daillod	
LTOII	10	Description of Material Drilled	
0	12-	soil	
12	14	gravel	
14	43	shale	
5	3,3,-	sandstone	
3-5-	65	shale	
65	75	sandstone	
7.5	90	skale	
			<u>- 14 - 4</u>
			
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Form No. 18 8-60

т	17	R.	58	
Coun	ty Muse	elehell		

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

Owner 1 * Goffena Address Roundup, Montana
Driller Carter Oil Co. Address
Date Started 601 1056 Date Completed 1051
Location: Sec. 13 T. 11 R. 28 4 sec. No.
Type of well drilled Equipment used standard oil rig (Dug, driven, bored, or drilled) (Churn, drill, rotary, other)
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other
Casing: ft. to ft. Type heavy Size 10 3/4
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Perforated or Screened: Ft. to ft. to ft. to ft.
Type of screen or perforations jet perforations
Static Water level, for non-flowing well:feet.
Shut-in pressure, for flowing well: 35 lb./sq. in. on: Mug 1,1961
Pumping water level feet at 2 gal. per min. flow
How tested: 5 gal call & watch
Length of test 2 minutes
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Gement 0 to 680"
(over)

Depth, From	To	Description of Material Drilled
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-530		upper Ex leesand
- 589	610	shale
-610	CEC	10x0r 20g10
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		COUNT O'CL COUNT
		S O'CLOCKE H MATZK COUNTY RE
	 	
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GW C		Approved Stock Form-State	o Publishing Co., Helcha, Montana 42234
File No		•	T /1 R 28
DUPLICATE		<i>,</i> ∮	County Musselshey
		TATE OF MONTANA	OECEIVEIN
		ATOR OF GROUNDWATER (E OF STATE ENGINEER	JAN 3 1964
מ	eclaration of	Vested Groundwat	er Rights ENGINEER
	(Under Chapte	er 237, Montana Session Laws,	1961)
O H	4011		Trunden
(Name	of Appropriator)	(Address)	(Town)
County of have appropriated gro	UJSE/SAE/ undwater according	State of to the Montana laws in effect	Montana prior to January 1, 1962, as follows:
N			
	2.	The beneficial use on which the	e claim is based
	3.		parliest beneficial use; and how continu
W	E	Natural +	16 wing - 1850
	4.	. The amount of groundwater	claimed (in miner's inches or gallon
		per minute) 200 m	inens inches
	5.	to which water has been ap	ne acreage and description of the land plied and name of the owner thereo
W 45 F Sec. / 7 T. /	1 R 2 8		
Indicate point of appro	opriation		
and place of use, if possib small square represents	10 acres. 6		ch water from the ground and the loca
		Matural F	as of withdrawal Spring

7. The date of comme drawal of groundwa	ncement and completer	ion of the construction of the	well, wells, or other works for with
	use,		
8. The depth of water t	able Sunt	a.ce	
moules for the withday		The state of the s	the general specifications of any other
WOLKS TOL FIRE ALTHOU	MATUR	al Spring	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

***************************************	***************************************		
10. The estimated amoun	it of groundwater wi	thdrawn each year	nown
			6
***************************************	***************************************		***************************************
19 Small ather informati	ion of a similar act	no no man ha mashil in	a out the policy of this are include.
reference to book and	on or a similar natural page of any county	record A O A E	g out the policy of this act, including
			/ p/ Wall
•		Signature of Owner	
			Date Dec 31, 1963
Three copies to be filed by	r the owner with the C	County Clerk and Recorder of the	he county in which the well is located
Diogga anguar all question	as If not applicable	go state athomyiga the form will	La matauma A

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

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MUSSELSHELL COUNTY.

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COUNTY RECORDER

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State of Montana
Administrator of groundwater Code
Office of State Engineer

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

/Nome of Annuanciator	, of . 90% . 537 Raundup
County of . Musselshell	State of .Montana
have appropriated groundwater 1962, as follows:	according to the Montana laws in effect prior to January 1,
7	
2.	The beneficial use on which the claim is based
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	Date or approximate date of earliest beneficial use; and how continuous the use has been 1946
4-	The amount of groundwater claimed (in miner's inches or gallons per minute).2.gallons.per.minute
am 1 ms Soc oc T 11 P26 5 4	If used for irrigation, give the acreage and description of the
Indicate point of appropria-	lands to which water has been applied and name of the owner thereof
tion and place of use, if	The means of withdrawing such water from the ground and the
	location of each well or other means of withdrawal
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works for withdrawal of gro	d completion of the construction of the well, wells, or other und water
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8. The depth of water table	.85. feet
So far as it may be availab specifications of any other	le, the type, size and depth of each well or the general works for the withdrawal of groundwal of groundwater
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10. The estimated amount of gr	oundwater withdrawn each year90,000 gallene
ll. The log of formations encothe.well.starts.iu.the.J	untered in the drilling of each well if available udith.River.forcation.sud.bottome.in.the.Glaggert.Shale

	a similar nature as may be useful in carrying out the ing reference to book and page of any count record
- · ·	*,*************************************
	Signature of Owner. Goffens Brothers
	Date . (. December . 31, . 1963

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COUNTY COUNTY RECORDER

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GROUNDWATER INDEX

Page ___of___

County Muscollahell Twp. 11 N Rge. 29E

	Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
	7	Coffena, L.W.	57106	165658 169492	
	34	Hat Ramch Co.	GW4	169492	
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Log of Well

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A3 3	443	coarse sand	
443	460	shale & sand of the Easle	
	 		
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File No..

County Men

DUPLICATE STATE OF MONTANA

	OF	TRATOR OF FICE OF STA	GROUNDWATER COI TE ENGINEER	DECEIVE
	Declaration of (Under Cha	of Vested	Groundwater	Rights JAN 2 1964 STAIL ENGINE
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y au H.	March to		, of milita	(Town)
(N:	ame or Appropriator)		(Address)	(Town)
ive appropriated	l groundwater accordin	ng to the Mor	ntana laws in effect price	or to January 1, 1962, as follow
	N .	2. The benef	ficial use on which the cl	aim is based. Stal 20-
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		3. Date or a	approximate date of earl	iest beneficial use; and how con
	E			- C

		4. The amo	unt of groundwater cla	imed (in miner's inches or ga
		per minu	10) 794	lla je min
إحليا	<u> </u>	o. It used i to which	water has been applie	creage and description of the l d and name of the owner th
	_ 11_ 20	***************		
1/4 Sec. 34	The second second	************		
cate point of place of use, if p	possible. Each			
l square represe	ents 10 acres.	tion of co	us or withdrawing such	water from the ground and the
	Note that	MOI OI 68	TIT HOTE OF OMIGE THERETING	f withdrawal

drawal of grou	indwater	pletion of the		I, wells, or other works for
drawal of grou	indwater	pletion of the		I, wells, or other works for
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Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

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GROUNDWATER INDEX

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County Mussell Twp. 11N Rge. 30E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
9	Junipur Oil & Cono Co.	8w2	173407	
9	[14] [14] [14] [15] [16] [16] [16] [16] [16]	6WI	173129	
22	Fiere Front Clara	57106	162719	
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Ella No	STATE WATER	CONSERVATION	Sonite	T 11 North 30 East 9
	JA	N 13 1966		
TRIPLI	OATE Bille	McDermott		County Musselshell
i de	Coyle	LOG		TE OF MONTANA R OF GROUNDWATER CODE
0 40	Topaof Groun		OFFICE C	OF STATE ENGINEER
	Siltsto	2909', 2909', one, shale, pl	Appropriatio DEVELOPED	pletion of Groundwater on by Means of Well AFTER JANUARY 1, 1962 37, Montana Session Laws, 1961)
			OwnerJuniper011	CoAddress: 420 CAJohnson: 81d
			DrillerSoape Dr. 1111ng Com,	Denver, Colorado panyAddress Kalstone, Montana
	J		Date of Notice of appropriation	of groundwater
			Date well started	5 Date completed 12/14/65
1	← Eagle S	ist.	Type of well	Equipment used Rotary
			(Dug, Driven, bored or drilled) Water use: Domestic □ 1	(Churn drill, rotary or other) Municipal ☐ Stock ☐ Irrigation ☐
			Indicate on the diagram the met with in drilling, such as soi	Drainage Other waterflood character and thickness of the different strail, clay, shale, gravel, rock or sand, etc. She ered, thickness and character of water-beari water rises in the well.
		s from the formal Constitution to the Sec Historical Constitution	Size of Size and From Drilled Weight (Feel Hole of Casing	
			12 3/4" 9 5/8" Surfa	size (Feet) (Feet) (Feet) ace 141' 3/8" Jets 2339 2401
			8 3/4" 7" - 20/Surfe and 23#	Catd w/ " 2413 2417 75 sx " 2423 2436 ace 2548' " 2441 2445 2 shots/foot in each interval
			N W	Static Water Level for non-flowing we fee Shut-in Pressure for Flowing Well 1.50 p Pumping Water Level fe at gal. per minute. Discharge in gal. per min. of flowing we
				Flowing How Tested into surface depression
	_ ← Bakota	Sst.	8	Length of Test 24 hours Remarks: (Gravel packing, cementing, pac
30			NET NVL Sec. 9 T. 11NR 30E	ers, '7: of shutoff)
			Indicate location of well and place of use, if possible. Each small square represents 40	Cmt/, 71 _asing at 2548! w/ 100 so Well reforeted as above. Treats
17000	- Second	Cat Creek Sst	acres.	fork on by pumping water and be
)D	-		sealersWell.completed	flowing from 7" casing. (Continue on reverse side
, W	← Third	Cat Creek Sst.	USE If used for irrigation, ir	ndustrial, drainage or other. Explain, station or other data (i.e.: Lot, Block and Add
	Show exact de	pth of hottom.		
	25551	-	-*Based-on-periodic-m	easurementIntosmallcontainer
	to be prepared b	y driller, and three	copies to be filed by the owner with the	Driller's License Number
retained b	by driller.		, so state, otherwise the form will be	DE lags
				Driller's Signature

173407 STATE OF MONTARA,
MUSSELSHELL COUNTY.
FILED THIS 22 CLAUDE F. FLETCHER
COUNTY REPORTER DEPUTY And the state of t Anna and Address of section of the section of gotte of Lenstywal of Alexander CAN TO COMPANY UNITED MANAGEMENT soon and releases in antichimist. (100g) (100g) (100g) SECULIAR AND SECUL

STATE WATER CONSERVATION BOARD NOV 1.5 1965 T 11 North 30 Eas McDermott DUPLICATE County Musselshell Morton. STATE OF MONTANA Sullivan ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Notice of Appropriation of Groundwater (Under Chapter 237, Montana Session Laws, 1961) of 420 C. A. Johnson Bldg, Denver, Colorado Juniper Oil & Gas Company (Name of Appropriator) (Address)

County of Denver , State of Colorado (Address) (Town), intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961. 2. The beneficial use to which water is to be applied is waterflooding the Tyler "A" oil sand to recover oil that would otherwise not be recovered. (describe lands to be benefited, if for irrigation) 3. The rate of use in gallons per minute or miner's inches of groundwater claimed...... 58.3 gallons per minute or 2,000 barrels per day 4. The annual period (inclusive dates) of intended use continuous use throughout estimated year life of waterflood. The probable or intended date of first beneficial a November 30, 1965 pletion of the well* SXXXXXX 6. The probable or intended date of commencement a November 20, 1965 7. The location, type, size and depth of well or wells contemplated Section 9-11N-30E; 8 3/4" casing set at T. D. (2700 feet) 8. The probable or estimated depth of the water table or artesian aquifer Not applicable. 9. Name, address and license number of the driller engaged Soape Drilling Company, Melstone, Montana, License No. 160 10. Give such other similar information as may be useful in carrying out the policy of this act..... Form No. 2 of the Oil and Gas Conservation Commission of Montana has been filed with NET NW14 Sec 9 TIINR 30E Locate well or other means of development as accurately as ossible on the plat. Signature of Appropriato As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn." Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

STATER

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

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

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X Owner Fred Frame +	LOG Maddress Melston Chy Co. Address Shanffa	e Dront
Driller Willman and Mun	King Co.	
Driller Automation	Address John J	111 191
Date Started (, All)	Date Completed	114-176
Location: Sec. 2 3 T. // I	30 1/4 sec N = 7 N = 7	
Type of well drilled Equip	ment used Motary (Churry dirill, rotary, oth	
(Dug, driven, bored, or drilled)		er)
Water use: Domestic Municipal	Stock X Irrigation	
Industrial Drainage	Other:	47#
Casing: O ft. to 600 ft. Type Bl.	Phandard Size 43 ON.	
Casing:ft, toft. Type	Size	
Casing:ft, toft. Type	Size	
Perforated or Screened: Ft. 260 to ft. 280	Ft. 3 95 to ft. 5	<u> 6</u>
Type of screen or perforations	002 - 01	
Static Water level, for non-flowing well: 3.50		feet.
Shut-in pressure, for flowing well:lb	./sq. in. on:	
Pumping water level 400 feet at	/ (date) /gal. per min	
How tested: Beling and Jumping		
Length of test This backing the	Velmalina	•
Remarks: (Gravel packing, cementing, packers, type of shut	off don'th of shut-off)	••••••
Remarks: (Gravel packing, cementing, packers, type of shift	-oir, deput of situr-oir)	**

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Depth From	To	Description of Material Drilled
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10	67	Safe O
47	95	Greyshale-Bestonate
95	100	Shee
100	162	Iron pyrites + this beldelcool
162	267	Hard sound streaks + shale
247	285	Shale-sand-thin bedded was (Seepage)
285	302	Carbonacions shale
302	3/0	Shaling sand
3/0	387	Brown shale send streaks
387	401	Sandy hertonete on Then can't bedi
101	406	Salt speppe: sand (water indentil)
406	5/6	Brown shale and sandy streeke
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2-82	37/	White sand water whented)
· <u>371</u>	823	Shele-sanfother les
423	968	Hand suntationed - green shill - selty so- I
768	969	They hard sand
969	980	White send - good points (wonter)
971	1031	Hard shell intedded
1031	1037	frem shale streaks two and layer selly in
9	/00/	ishele fill
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Please answer all questions. If not applicable, so state, otherwise the form will in

DE POOR Driller's Signature

JUNIPER/BUTTES JUN 1 6 1970 MONTANA WATER RESOURCES BOARD Water Resources Division Mitchell Building Helena, Montana 59601 Recently a copy of a groundwater appropriation form, _x GW 1, Notice of Appropriation of Groundwater GW 2, Notice of Completion of Groundwater Appropri means of Well Notice of Completion of Groundwater Appropriation without GW 3, Well GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965) was forwarded to this office by the County Clerk and Recorder. This form is identified by 420 C.A. Johnson Bldg. Address Denver, Colorado Owner Butte Gas and Oil Company Document No. Location T. 11N R. 30E Sec. 36

This is to inform you that your GW form has been received and is complete as filed.

This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here: and return the corrected copy to the Montana Water Resources Board in Helena.

X Other.

The appropriator of groundwater by means of a natural flowing water well should be aware that waste of groundwater is prohibited and that "all flowing wells are to be capped or equipped with valves that the flow of water can be stopped when the water is not being put to beneficial use." (Section 89-2926, under Chapter 237, Montana Session Laws, 1961).

No					T. I.	IN J	30E	
HO	ATTE MAY 2	3.2 (970)			Con	nt v Mus	sclshell	
308	Log Top of Ground (Bearpaw)		ADMINIST OFF	RATOR C	OF MON	L'ANA	R CODE	
4	(Elev. above sea level294c	Not	ice of C	omple	etion o	of Gro	undwat	er
	(Elev. above sea level.234:		Appropri	ation	by M		f Well	
			(Under Chap					
		Owner PG	ЮСо.	************	Addro	ess Denve	. A. Johns r, Colorac Box 7	
	Dakota Silt (3053)	Driller Soa	pe Drillir	g Ço,	Incaddre			na 590
<u> </u>	First Cat Creek (3160)	Date of Noti	ce of approp	riation of	groundwa	iterAzr	11 8, 1970)
	Kootenai (3260)	Date well sta	rted Decemi	er 22,1	.969Date	completed	March 20] 770
		at (Dug, Drive		lled)	(Churi	ı dril!, rota	ry or other)	
	Third Cat Creek (3550) Morrison (3580)	Water use:	Domestic Industrial	☐ Dr	nicipal [Oth	k [Irrig	floodi
-	Swift (3745)	met with in depth at which	on the diagra drilling, such ch water is er ight to which	as soil, c acountere	lay, shale, d, thicknes	gravel, ress and cha	ock or sand, racter of wat	etc. Sho
	Rierdon (3925)	Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind	PERFORATIONS From	; To
72	Fiper Shale (4095) Piper Limestone (4170) Amsden (4205)	13 3/4"	10 3/4"	-0-	2981	Size None:	(Feet)	(Feet)
茁	Upper Tyler (4319)	9 7/8	7 (23 & 29	-0- (5)	5871		complet	. *
ቛ	Bear Gulch (4475) Lower Tyler (4505)	6	(2) 6 29	5871	6478			
	"C" Sand (4620)		N	 S	tatic Wat	er Level	for non-flo	wing w
#	Otter (4820)							fe
27				;			Towing Well	
7		w		E			I. per minute	
			0	D	ischarge i	gal. per	min. of flo	
==	Kibbey (5235)			н	ow Tested	Flow.i	nto pit.	165
	Charles (5435)						Hours	4 .
习			S				cking, cemen	
34	Doc. No. 180,596	NE. 1/SEL Sec.	.36. T.LIN I	1.2.Y.F			Open hole r gravel	
7	THEO TOT PECONA	place of use.	tion of well if possible.	Each				F. Z. T. C. S
君	this all day of May A. D. 19 706, at 8:05	small squar —acres.	e represents	3 4 0 ····				
田	O'clock							••••••
	Mission Canyon (6037)	USE—If use numbe	d for irrigat r of acres an	ion, indu	strial, dra	inage or	other. Exp	lain, st
		tion). Water from	.this_well	will be	used f	or inled	tion into	the
對	Lodgepole (6465)	Tyler ''C''	Sand forma	tion of	the Sou	th Key (oulee Fie	id in
	Show exact depth of bottom.	CONNECT I ON	with seco	muary re		y water	. Toout ng.	***********
أــــ	Total Depth (6478)							

18054.0 雛 H ### AT BOS TO DAY OF THE THIS SOUNTY BECORDER

CLAUDE F. FLEICHER

COUNTY RECORDER

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1200 THE DENVEX CENTER BUILDING 1776 LINCOLN STREET DENVER, COLORADO 80203

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Middle Street Francisco Fr

September 14, 1970

HOME OFFICE OAKLAND, CALIFORNIA

MONTALIA WATER RESOURCES DOARD

SEP 21 1970

Montana Water Resources Board Helena, Montana

Attention: Mr. Ronald J. Guse

Gentlemen:

Enclosed is the triplicate copy of the Notice of Appropriation of Groundwater which you returned to us. The original of this instrument was filed with the Clerk and Recorder of Musselshell County on April 27, 1970, in Book 239 at Pages 57 and 58. This original was subsequently returned to us for our files.

By the instructions at the bottom of this form, I assume that this copy was forwarded by the County Clerk to the School of Mines, who perhaps forwarded it to you. We do not believe there is any further action which we need take on this appropriation notice, since we have filed the Notice of Completion of Groundwater Appropriation. If, however, we are mistaken and there is something else we must do, we will appreciate hearing from you.

We noticed your comment stating that, "The appropriator of groundwater by means of a natural flowing water well should be aware that waste of groundwater is prohibited and that 'all flowing wells are to be capped or equipped with valves that the flow of water can be stopped when the water is not being put to beneficial use." Our water well in the Buttes Keg Coulee Unit is flowing from the Madison Lime formation, and we do have API wellhead equipment installed that is capable of handling the pressures and temperatures required to adequately keep this well under control with an adequate safety factor.

Robert M. Walencon

Pohort W. Patorson

RWP : dwd

Enclosures

Mary Marin Clock Carles Control

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

Three copies of this notice are to be filed with 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 School of Mines and Quadruplicate for the Appropriator.

. MEMORANDUM	JUNIPER/BUTTES
MONTH AND THE	
MONTANA WATER RESOURCE	ES BOARD JUN 1 5 1970
Helena, Montana Date: Ju	ne 12, 1970. RWP IEL
rom Ronald I. Guse Subject:	Notice of Appropriation of
V	Groundwater (%)
Buttes Gas & Oil Company	AWD 3
	PROD.
The enclosed form will have to be filed in the Co	ounty Cler & Recorder's
Office in Musselshell County.	
Jail 57, 1970, Book 23	b. Clerkx Recarder
Upril 57, 1970, Book 23	39, pg. 57458
	7
\mathcal{N}	all II
<i>V_\</i>	Avoid Verbal Instructions
6. The probable or intended date of commencement and comp	
March 20, 1970	
7 The location type size and depth of well or wells contemy	plated 1950' FSL, 1760' FEL, Sec. 36
7. The location, type, size and depth of well or wells contemp (NET SET), 11N, 30E, MPM, Musselshell County, Mo 6500', casing (") to be cemented to 5800'.	ontana. Rotary, 9 7/8" hole,
8. The probable or estimated depth of the water table or arte	esian aquifer 6600'
9 Name, address and license number of the driller engaged	Scape Drilling Company, Inc.
P. O. Box 7. Melstone. M. Jana 59054. License N	lo. 160
10. Give such other similar information as may be use-	N. S.
용기 기업은 생활하는 것이 그 물 때문에 가장들을 내가 있었다. 그 많아 되는 사람들은 사람들이 되었다.	
ful in carrying out the policy of this actWater from this well will be injected into the	
Tyler "C" Sand formation of the South Keg.	
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding	
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary	W 1760
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water wi increase the ultimate yield of recoverable oil	
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water wi increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be	700
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water wi increase the ultimate yield of recoverable oil	700
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water wi increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources.	1950
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water wi increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources.	1950 8 1785
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. injection of this water wi increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources.	1950
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. injection of this water wi increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources.	1950 SE 1/4 Sec. 36 T 11NR 30E Locate well or other means of
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water will increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources. Doc. No. 190465 Filed for record this 20 day of April A.D. 19 170, at 8:45	Jesus 1950 SE 1/4 Sec. 36 T 11NR 30E Locate well or other means of development as accurately as
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water wi Increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources. Doc. No. 180465 Field for record this 20 day of April A.D. 1940, at 145	SE 1/4 Sec. 36 T 11NR 30E Locate well or other means of development as accurately as possible on the plat. BG&OCO.
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water wi increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources. Doc. No. 180465 Field for record this 2D day of April A.D. 1970, at 1:45 Signature of Appropriate	SE 1/4 Sec. 36 T 11NR 30E Locate well or other means of development as accurately as possible on the plat. BG&OCO.
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water will increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources. Doc. No. 190465 Filed for record this 20 day of 145 A.D. 1910, at 145 Signature of Appropriate R. W. Peterson, Vice	SE 1/4 Sec. 36 T IINR 30E Locate well or other means of development as accurately as possible on the plat. BG&OCO.
Tyler "C" Sand formation of the South Keg. Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water wi increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources. Doc. No. 180465 Filed for record this 2D day of April A.D. 19 70, at 1:45 Signature of Appropriate R. W. Peterson, Vice	Jesus

Please answer all questions. If no: applicable, so state, otherwise the form will be returned.

TRIPLICATE

County Musselsheil

RECEIVED

STATE OF MONTANA MONTANA WATER RESOURCES BOARD ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

MAY 4 1277

Notice of Appropriation of Groundwater

	420 C. A.	Johns	on Bui	lding,	De	nver	
(Name of Appropriator) County of Denver State of C	(Address	30202)		(TOW)	n)		
propriate groundwater in accordance with Chap	ter 237, Mo	ntana S	ession I	, inte aws of	end to 1961.	ap-	
The beneficial use to which water is to be applie	d is for	injecti	on int	o the	Tyler	. 11611	Sand
formation in the South Keg Coulee Field (describe lands to be benefited, if for irrigat	in connect		th sec	ondary	reco	verv	of o
The rate of use in gallons per minute or miner's i		oundwat	er clain	ned		•••••	
125 Gallons per minute.							
The annual period (inclusive dates) of intended	useJ	anuacy	l thro	ugh Dec	cembe	<u>r 3</u> 1,	
The probable or intended date of first beneficial	CI	ontinuo erch 20	us use	•			
The probable or intended date of commencement	and compl	etion of	the we	11* or w	ells*		
			1				
					·61 =		
The location, type, size and depth of well or wel (NET SET), 11N, 30E, MPM, Musselshell Co 6500', casing (7") to be cemented to 58	ls contempl cunty, Mor	ated! ntana.	Rotar	y. 9 7/	78" h	cle,	ec.
The probable or estimated depth of the water ta	ble or arte	sian aqu	ifer	6600		••••••	
Name, address and license number of the driller	engaged	Soape	PC1111	ngComp	any.	Inc.	
P. O. Box 7. Melstone, Montana 59054.	License No	160					
P. 0. Box 7. Melstone. Montans 59054. Give such other similar information as may be u		160	eg e e	N			
Give such other similar information as may be u	se-	160	eg e e]	
Give such other similar information as may be u ful in carrying out the policy of this act	se- 1	160	eg e e]	
Give such other similar information as may be u ful in carrying out the policy of this act	se- 	160	eg e e				
Give such other similar information as may be u ful in carrying out the policy of this act	se- r 2 2.g.	160	eg e e				
Give such other similar information as may be u ful in carrying out the policy of this act	se- r g a.g. w		eg e e				176
Give such other similar information as may be u ful in carrying out the policy of this act	se- 2 2.g. w water wil		eg e e				176
Give such other similar information as may be u ful in carrying out the policy of this act	se- c e.g. www.w.w.ii		eg e e	N	24		176
Give such other similar information as may be useful in carrying out the policy of this act	se- f g. e.g. water will ble oil		eg e e	N			
Give such other similar information as may be u ful in carrying out the policy of this act	se- f g. e.g. water will ble oil		eg e e	N			
Give such other similar information as may be useful in carrying out the policy of this act	se- f g. e.g. water will ble oil			N			
Give such other similar information as may be useful in carrying out the policy of this act	se- f g. e.g. water will ble oil			N S S S S S S S S S S S S S S S S S S S		E - E	- 1951
Give such other similar information as may be useful in carrying out the policy of this act	se- f g. e.g. water will ble oil			N		E - E	- 1951
Give such other similar information as may be useful in carrying out the policy of this act	se- f g. e.g. water will ble oil	SE. 2	4 Sec	s 36. T.	O L	30E	- 1951
Give such other similar information as may be useful in carrying out the policy of this act	se- f g. e.g. water will ble oil	SE 1	4 Sec	N S S S S S S S S S S S S S S S S S S S	IN _R mean	30E as of	- 1951
Give such other similar information as may be useful in carrying out the policy of this act	se- f g. e.g. water will ble oil	SE 1	4 Sec	s 36 T.1 r other as accu	IN _R mean	30E as of	1760 1950 1789
Give such other similar information as may be useful in carrying out the policy of this act	water will be	SE 1 Locate develop possible 8660C	4 Sec well o	s 36 T.1 r other as accu	IN _R mean	30E as of	- 1951
Give such other similar information as may be useful in carrying out the policy of this act	water will be	SE 1 Locate develop possible BGs0C	4 Sec well or oment e on the co.	s 36 T other as accue plat.	IN _R mean rately	30E. as of y as	- 1950 178
Give such other similar information as may be useful in carrying out the policy of this act	water will the second son, Vice	SE 1 Locate develop possible BG50C	4 Sec	s 36 T other as accue plat. Buttes	INR mean rately	30E as of y as	- 1950 178
Give such other similar information as may be useful in carrying out the policy of this act	water will the second son, Vice	SE 1 Locate develop possible BGs0C	4 Sec	s 36 T other as accue plat. Buttes	INR mean rately	30E as of y as	- 1951 - 178

Three copies of this notice are to be filed with 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.

REPORT BOARD

T 11N R 30E County, Musselshell

TRIPLICATE

RECEIVED

MC

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

May 4, 1970

Notice of Appropriation of Groundwater (Under Chapter 237, Montana Session Laws, 1961)

8GSOCO. , of 420 C. A. (Address)	Johnson guilloring, Johnson (Town)
(Name of Appropriator) (Address) (Name of Appropriator) Colorado (SO	(10wil)
Denver State of Colorado (50	Gossian Laws of 1961.
County of State of Chapter 237, Mont	ana Session Zame
propriete groundwater in accordance with Chapter. The beneficial use to which water is to be applied is for in	jection into the try.
The beneficial use to winch	secondary recovery of all
formation in the South Keg Coulee Field in connect! (describe lands to be benefited, if for irrigation)	by his of waterflooding.
3. The rate of use in gallons per minute or miner's inches of gro	undwater claimed
125 Gallons per minute.	
Ja James Ja	nuary 1 chrough Decumber 31.
4. The annual period (inclusive dates) of intended use Ja	ntinuous ise.
5. The probable or intended date of first beneficial use Mo	rch 20, 1576
5. The probable or intended date of the	e at a small* on smalls*
6. The probable or intended date of commencement and comple	etion of the well of wells
March 20, 1970	
7 The location, type, size and depth of well or wells contempt (NEA SET), 11N, 30E, MPM, Musselshell County, Mos 6500', casing (7") to be commended to 5800'.	
3. The probable or estimated depth of the water table or arte	Soare Drilling Company, Inc.
3. The probable or estimated depression of the driller engrated 9. Name, address and license number of the driller engrated	
P. O. Box 7, Melstone, Montana 5055. License N	0. 100
10. Give such other similar information as may be use-	
ful in carrying out the policy of this act	
	w 1760°
operations in connection with secondary perations in connection with secondary recovery operations. Injection of this water wa	
recovery operations. Injection recoverable oil	2 →
	1000
In the best interest of conservation of	1950
natural resources.	
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to de la 1990 de la companya de la 1990 de la companya de la companya de la companya de la companya de la comp La 1911 de la companya de la compan	
The state of the s	SE 14 Sec. 39 T. 11NR 30E
day of	Locate well other means of development as accurately as
and the second s	

Signature of Appropriator....

possible on the plat. Vice President of Buttes Gas & Oll Co.

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

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

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

Eze No. County Musselshell TRIPLICATE STATE OF MONTANA s urces boardy Administrator of Groundwater Code OFFICE OF STATE ENGINEER HE CEIVED. Notice of Appropriation of Groundwater May 4, 1970 (Under Chapter 237, Montana Session Laws, 1961) of 420 C. A. Johnson Building, Denver BGEOCO. (Address) Colorado (80202) (Town) (Name of Appropriator) , intend to ap Denver: , State of. County of ... propriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961 2 The beneficial use to which water is to be applied is for injection into the Tyler "IC! Sand formation in the South Keg Coules Field in connection with secondary recovery of all by means of waterfilooding. (describe lands to be benefited if for irrigation) The rate of use in gallons per minute or miner's inches of groundwater claimed 125 Gallons per minute..... January 1 through December 31. The annual period (inclusive dates) of intended use cont inuous sist March 20, 1570 5; The probable or intended date of first beneficial use 6. (The probable or intended date of commencement and completion of the wells or wells March 20, 1970 The location type, size and depth of well or wells contemplated 1370' FSL, 1760' FEL, Sec. (NEZ SET), 10N, 30E, HPN, Musselshell County, Montana, Rotary, 907/80' hole, 6500' casing (70) to second to the county of 6500) (casing (7") to be cemented to 5800'. The probable on estimated depth of the water table or artesian aquifer. Name, address, and license number, of the driller lengaged. ... Soape. Dt 111. ing ... company. ... inc P. O. Box 7. Helstone. Montena 5.054. License No. 160 10 Give such other similar information as may be use-[u] in carrying out the policy of this act. Water, from this well vill be injected into the Tyler "C" Sand forms ion of the South Keg Coulet Field as a part of waterflooding operations in connection with secundary recovery operations. Injection of this water wil increase the ultimate yield of recoverable Gil from the Tyler "C" Sand formation and will be in the best interest of conservation of 1950 natural resources. 1785 SE 4 Sec. SO T TINE SOE u (archerin Locate well or other means of hay of_ development as accurately as r. D. 19.2-possible on the plat. 8660Cc. Signature of Appropriator. R. .. Peterson, Vice President of Buttes Gas & Dil Co. As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn." Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, other wise the form will be returned

DIL & GAS COMPANY

A DIVISION OF BG&OCo.

SUITE 420, C. A. JOHNSON BUILDING, 509 SEVENTEENTH STREET, DENVER, COLORADO 80202 April 23, 1970

County Clerk and Recorder Musselshell County Roundup, Montana

Gentlemen:

Enclosed for recording is the Notice of Appropriation of Groundwater for the Buttes Keg Coulee Unit No. 1 Water Supply Well. Please return the recorded notice to this office.

ea Duckwarth

Thea Duckworth

dwd

Encirsures--Notice of Appropriation Check for \$4 Recording Fee

cc: Montana State Engineer 15 Poly Drive Billings, Montana

> Montana School of Mines Butte, Hontana

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GROUNDWATER INDEX

Page ___of___

County Musicaholl Twp. 10N Rge. 22E

			County	
Sec.	Name of Appropriator	Type of Form	File No.	Remarks
	Benedict, M.D.	6W3	168547	
7	Sherlock Mrs. Elonoma	6W4	169540	
12	Benedict, M.D.	GW3	168548	
23	Gine, & lisabeth	GW2	174636	
26	100 m	571.06		
26	10 Programme 11 Programme 12 Pr	6W4	169554	
27	11	GU)2	176030	
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Indicate point of appropriation and place of use, if possible.

Signature of Owner MINISes

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.

STATE OF MONTANA.

STATE OF MONTANA.

MUSSELSHELE COUNTY B.

FUNDENS.

ADJUG.

AT BOOCLOCK.

B. H. MATZKE

COUNTY RECORDER

ADJUG.

AT COUNTY RECORDER

ADJUG.

AT SOO CLOCK.

AT B. H. MATZKE