

Forrest Leaf, P.E.
Consulting Water Resource Engineer
421 Lincoln Street
Sterling, CO 80751

Forrest Leaf, P.E.

(970)-522-1109 Phone
forrestleaf@qwestoffice.net

September 22, 2023

Ms. Renee Perkins, Personal Representative
Estate of Margaret Wagner
7676 WCR 67
Keenesburg, CO 80643

Re: Historical Use and Preliminary Consumptive Use Determination of Lost Creek alluvial ground water and Henrylyn District Water on the NE1/4 of Section 27, 2N, 63W of the 6th P.M.

Dear Ms. Perkins:

Below is my preliminary engineering analysis regarding the historical use of the alluvial ground from three permitted irrigation wells 31575-FP, 5035-FP and 11708-RF-P, issued under a Final Permit on May 22, 1987.

Water Rights

These three alluvial wells are in the Lost Creek Designated Ground Water Basin and administered pursuant to the Lost Creek Ground Water Management Rules and the Colorado Ground Water Commission Ground Water Management District Rules. Table 1 contains a summary of the alluvial well appropriation dates, permitted flow rates and permitted acres.

Table 1
Wagner Estate Summary of Alluvial Wells

Well	Appropriation Date	Permitted Acres	Annual Permitted Volume of Appropriation	Maximum Pumping Rate	Current Estimated Pumping Rate ¹	Well Horse Power
			(acre-feet)	(gpm)		(hp)
31575-FP	15-Jul-54	160	134	1200	650	30
5035-FP	25-Feb-64	160	133	1200	650	25
11708-RF-P	31-May-36	160	133	1200	400	15

¹Estimated based calculated monthly pumping from MCREA KWhr usage and motor horse power from each well.

Acres & Crops

Figure 1 shows 147.5 acres of cultivated land located in the north east quarter of Section 27 of Township 2 North, Range 63 West of the 6th prime meridian. The acres are in the Lost Creek Designated Ground Water Management District and the Henrylyn Irrigation District. Henrylyn District water has not been delivered to the parcel for the past several decades. The condition of the delivery lateral check structures under County Road 67 (see enclosed picture) and dilapidated southern delivery head ditch, which takes delivery of District water from the Low Line Canal, lateral confirmed that water cannot be delivered to the parcel.

I conducted the historical use (HU) analysis of the Wagner Estate water rights consistent with the Colorado Ground Water Commission Ground Water Management District Rule 7.10 in which 10 or more years of the most recent consecutive years of records of data should be used in determining the historic withdrawal and depletion of alluvial ground water. This included the past ten years of crop and power electrical usage data. Table 2 presents a summary of the FSA crop data for the 147.5 acres. Enclosed are copies of the FSA records.

Table 2
Wagner FSA Crops Summary

(all values in acres)

Year	Corn	Sugar Beets	Sun Flowers ¹	Barley	Sorghum	Total
2013	105.0	34.0	41.0			139.0
2014	147.5					147.5
2015	61.3	86.2				147.5
2016	61.3	86.2				147.5
2017	85.1	58.3				143.4
2018	127.5			20.0		147.5
2019	127.5			20.0		147.5
2020	147.5					147.5
2021	147.5					147.5
2022	86.2			10.0	51.3	147.5
2023	147.5					147.5

¹ Not included in the irrigated acres as total exceed 147.5 acres

Table 3 summarizes the four predominate soils types that exist throughout the parcel. The area weighed average water capacity (AWC) was calculated from these soil properties and soil moisture carry-over and monthly storage conditions used in the crop consumptive use estimates. Enclosed is the NRCS soil survey.

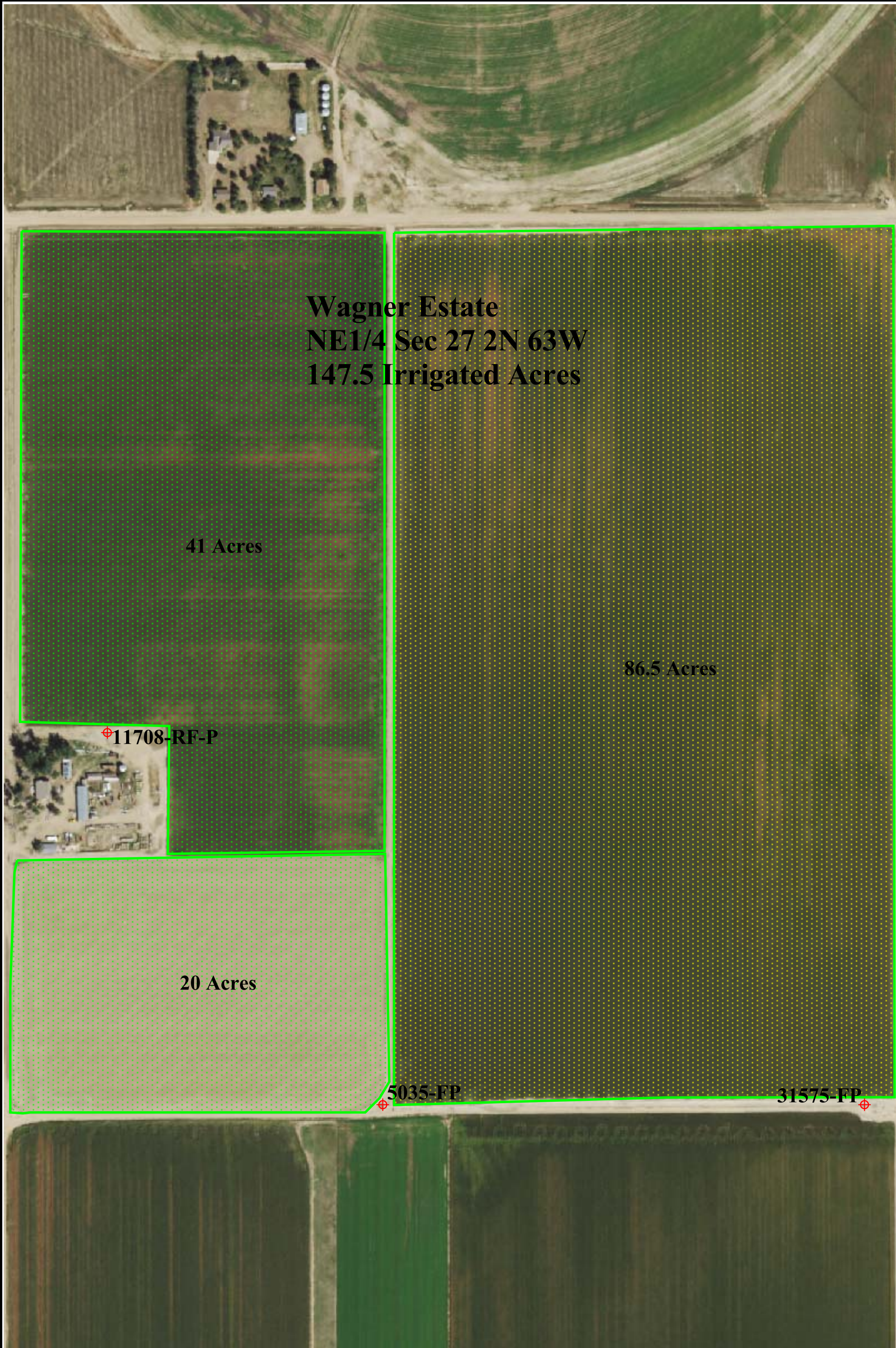
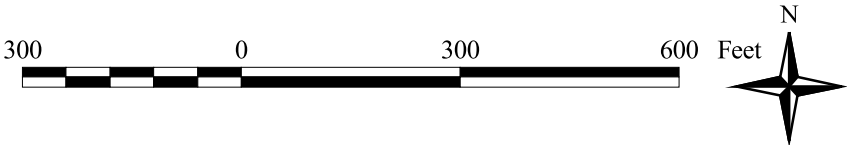


Figure 1: Wagner Estate Irrigated Parcels



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Job: Wagner HUA

Client: Wagner

September 2023

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Table 3
Summary of Soil Properties NW1/4 Sec 27

Map Symbol	Soil Type	AOI	% AOI	Depth	Avg AWC (0" to 20")	AWC @ Root Depth	Area Weighted AWC @ Root Depth
		(acres)		(in)	(in/in)	(in)	(in/ft)
15	Colby loam	54.2	36%	7-60	0.11	1.32	0.47
46	Olney loamy sand	25	16%	10-25	0.15	1.80	0.30
69	Weld loam	36	24%	8-25	0.15	1.80	0.42
72	Vona loamy sand	37.3	24%	6-28	0.11	1.26	0.31
		152.5	100%				1.50

AWC = average water holding capacity

Estimated Well Pumping

Monthly well pumping for each well was estimated from electrical meter records provided by Morgan County Rural Electrical Association (MCREA) for the past 10 years. Enclosed is a copy of the MCREA power records.

I used two different methods (both methods compared favorably):

- (1) the conversion of monthly reported kilowatt hours to estimate hours of operation assuming a motor efficiency of 75 percent and actual motor horse power, then conversion of the monthly hours of operation to gallons per month pumped using an assumed pumping flow rate, and
- (2) the estimate of monthly volume pumped based on \$22 per acre-foot cost based on my experience to pump water under similar aquifer conditions under the MCREA system.

It is important to note two items:

- (1) A “Wire to Water” rating calculation is needed for each well in order to determine the actual yield from each well. A Power Consumption Coefficient (PCC) Rating is conducted, in addition to a total flow measurement (along with the potential installation of a totalizing flow meter [TFM] on each well¹). The PCC rating would then enable the accurate calculation of the past 10 years of pumping from the MCREA electrical data. This would be accurate method to determine historic pumping, and

¹ The Lost Creek Management District may require the installation of a TFM if a PCC is conducted

- (2) Total annual commingled pumping for all three wells cannot legally exceed 400 acre-feet. Thus, pumping in this analysis was adjusted to ensure that monthly and annual alluvial farm well supply inputs to the IDS model generally did not exceed 133 acre-feet for each well and 400 acre-feet for each well as shown in Tables 4 through 7. The estimated pumping in Tables 4 through 7 serve more as a guide to the spatial distribution of how ground water was used on the parcel rather than the actual volume pumped. The amount of ground water pumped is best estimated from the crop evapotranspiration estimates discussed later.

Table 4
Calculated Monthly Pumping from Well 31575-FP

(all values in acre-feet)

	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
2013	0.0	0.0	0.0	0.0	50.9	58.9	27.1	136.9
2014	0.0	0.0	0.0	25.8	49.7	51.5	24.8	151.7
2015	0.0	0.0	0.0	17.9	50.3	56.1	56.9	181.3
2016	0.0	0.0	0.0	22.2	52.4	31.2	27.5	133.2
2017	0.0	0.0	0.0	35.9	47.8	49.6	0.0	133.3
2018	0.0	0.0	0.0	30.1	58.9	44.5	0.0	133.6
2019	0.0	0.0	0.0	0.0	50.4	42.1	22.5	114.9
2020	0.0	0.0	0.0	30.7	38.4	38.6	0.0	107.7
2021	0.0	0.0	0.0	34.2	63.2	71.1	26.1	194.7
2022	0.0	0.0	0.0	13.9	56.4	67.9	38.3	176.4
2023	0.0	0.0	0.0	0.0	43.0	0.0	0.0	43.0
Avg	0.0	0.0	0.0	19.1	51.0	46.5	20.3	137.0

Table 5
Calculated Monthly Pumping from Well 5035-FP

(all values in acre-feet)

	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
2013	0.3	0.3	0.3	30.2	48.2	51.5	21.2	151.7
2014	0.0	0.0	0.0	25.0	42.3	42.0	20.0	129.3
2015	0.0	0.0	0.0	30.8	68.2	70.8	31.9	201.7
2016	0.0	0.0	0.0	24.4	51.1	57.1	0.0	132.5
2017	0.0	0.0	0.0	32.1	49.8	55.6	43.5	181.0
2018	0.0	0.0	24.6	32.8	46.9	46.1	2.3	152.8
2019	0.0	0.0	0.0	22.5	40.5	37.2	0.0	100.2
2020	0.0	0.0	0.0	24.9	54.6	45.6	21.1	146.2
2021	0.0	0.0	0.0	25.0	56.3	46.2	0.1	127.7
2022	0.0	0.0	0.0	21.6	60.4	37.5	24.6	144.1
2023	0.0	0.0	0.0	0.0	31.7	0.0	0.0	31.7
Avg	0.0	0.0	2.3	24.5	50.0	44.5	15.0	136.3

Table 6
Calculated Monthly Pumping from Well 11708-RF-P

(all values in acre-feet)

	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
2013	0.0	0.0	0.0	7.4	14.2	12.8	2.2	36.7
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	0.0	0.0	0.0	13.9	38.6	40.5	0.1	93.0
2016	0.0	0.0	0.0	0.0	19.8	27.6	0.0	47.3
2017	0.0	0.0	0.0	21.9	32.1	27.8	20.0	101.8
2018	0.0	12.7	16.5	23.9	27.9	26.7	1.6	109.2
2019	0.0	0.0	0.0	16.1	22.4	28.7	0.0	67.2
2020	0.0	0.0	0.0	13.9	30.4	18.6	0.0	63.0
2021	0.0	0.0	0.0	0.0	29.2	29.0	6.2	64.4
2022	0.0	0.0	0.0	0.0	37.2	22.0	12.3	71.5
2023	0.0	0.0	0.0	0.0	17.5	0.0	0.0	17.5
Avg	0.0	1.2	1.5	8.8	24.5	21.2	3.9	61.1

Table 7
Total Commingled Calculated Monthly Pumping from Wagner Wells¹

(all values in acre-feet)

	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
2013	0.3	0.3	0.3	37.6	113.3	123.2	50.5	325.2
2014	0.0	0.0	0.0	50.8	92.0	93.5	44.8	281.0
2015	0.0	0.0	0.0	62.5	157.1	167.5	88.9	476.0
2016	0.0	0.0	0.0	46.5	123.2	115.9	27.5	313.1
2017	0.0	0.0	0.0	89.9	129.7	133.1	63.5	416.2
2018	0.0	12.7	41.1	86.9	133.7	117.4	4.0	395.6
2019	0.0	0.0	0.0	38.7	113.3	107.9	22.5	282.4
2020	0.0	0.0	0.0	69.5	123.4	102.8	21.1	316.8
2021	0.0	0.0	0.0	59.2	148.7	146.4	32.4	386.7
2022	0.0	0.0	0.0	35.5	154.0	127.3	75.3	392.0
2023	0.0	0.0	0.0	0.0	92.1	0.0	0.0	92.1
Avg	0.0	1.2	3.8	52.5	125.5	112.3	39.1	334.3

¹ Calculated pumping generally limited to 400 annual acre-feet per May 22, 1987 Final Permit.
Each wells annual pumping generally limited to 133 acre-feet per Final Permit.

Historic Use

The historic use of the alluvial ground water was estimated using the Colorado State University IDS CU model. Crop consumptive use, or evapotranspiration (ET), is based upon a relationship between crop, climate, water, and soil. The measurement of climate factors is used to estimate ET based on an equation or model that relates the climatic factors to the ET rate. The Blaney-Criddle method is used to establish historical consumptive use estimates, and is often used as the standard because temperature and precipitation data is historically available in climate record.

The consumptive use of alluvial ground water for the three wells was calculated using the IDSCU-Version 3.3.162 for the 2013 through 2023 climate period consistent with Commission rule 7.10. using the Blaney-Criddle ET method. This method uses temperature, precipitation, and crop data information.

Below is a description of the parameterization of key variables and coefficients as used for the Blaney-Criddle ET method:

- **Cropping Patterns:** The cropping patterns were established based on information previously presented in Table 1.
- **Weather Data:** Climate data for the Fort Morgan and Brighton weather stations and included mean monthly temperature and monthly precipitation.
- **Soils Type:** The soil types used for the consumptive use analysis were determined from the values presented in Table 2.
- **Crop Coefficients:** The model's default crop coefficients were adjusted for elevation. Based upon the farm elevation of 4,790 feet.
- **System Efficiency:** the maximum application efficiency was set at 65% for all crops based on soil types and field slope.
- **Soil Moisture Reservoir:** IDSCU has several parameters that describe how soil moisture affects the water budget. For this analysis, the fraction of winter precipitation carryover was set at 50%. This means that up to 50% of the winter precipitation was made available for soil storage each year. The extra soil moisture will contribute to the water available during the growing season, lowering the amount of surface or ground water required. The fraction of MaxAllowSW at start of simulation was set to 1.

- **Effective Rainfall:** The SCS method was selected for calculating effective rainfall, with the net depth of application set to 3 inches, which is a standard value used for average soils of loamy nature. Rainfall amounts greater than the effective rainfall is made available for soil storage, up to its holding capacity.

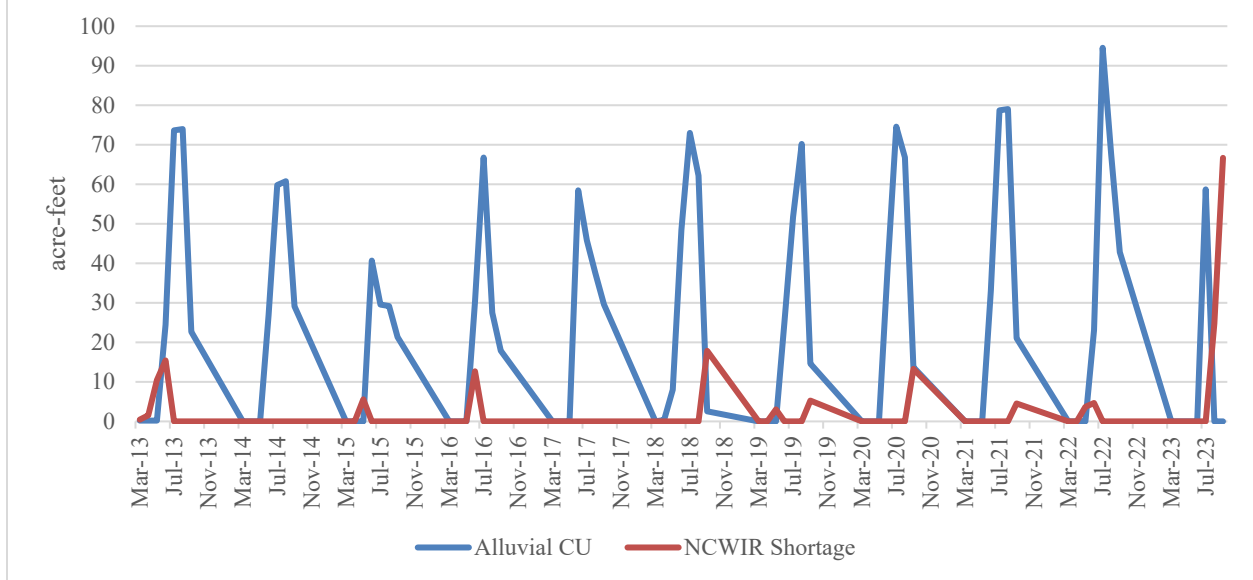
Table 8 presents a summary of the HU of the alluvial ground water for the three wells used to irrigated the 147.5 acres.

Table 8
Wagner Rule 7.10 HCU Summary: NE1/4 Sec 27 2N 63W
(all values in acre-feet)

Year	Farm Well Supply	Well Water Available for CU	Crop CU	Net Crop Irrigation Water Requirement	Shortage	On Farm Depletion of Ground Water
2013	325.5	211.6	268.9	206.1	28.3	195.3
2014	281.1	182.7	282.6	197.9	0.0	176.6
2015	476.0	309.4	218.7	138.2	5.6	120.8
2016	313.3	203.6	255.3	167.2	12.7	142.4
2017	416.1	270.5	250.6	175.3	0.0	171.4
2018	395.5	257.1	300.0	243.9	17.8	194.5
2019	282.4	183.6	267.9	209.0	21.3	161.6
2020	316.8	205.9	303.7	238.7	14.4	194.0
2021	386.6	251.3	311.5	254.7	12.8	211.8
2022	392.1	254.9	280.1	228.3	8.3	228.1
2023	92.2	59.9	307.5	190.4	95.2	58.7
Avg	334.3	217.3	277.0	204.5	19.7	168.7

Table 8 shows that the wells collectively pumped an estimated 334 acre-feet and averaged 168 acre-feet of consumptive use to satisfy an average net crop water irrigation requirement of 205 acre-feet. This resulted in an average of 20 acre-feet; thus, the annual irrigation water demand over the past decade appears to be nearly matched by the production of the three alluvial wells. Figure 2 shows a comparison of the calculated monthly alluvial ground water consumptive use versus the computed shortage in the well consumptive use meeting the net crop water irrigation requirement. Note that the monthly shortages shown in Figure 2 only tend to appear in the spring and fall months. Thus, it appears that the alluvial ground water has been sufficient in meeting the irrigation water demand of the 147.5 acres over the past 10 years given the types of crops planted and cultivated.

Figure 2
Monthly Alluvial CU v. NCWIR Depletion



It is recommended that total annual commingled pumping for all three wells not exceed 400 acre-feet, annual pumping from each well not exceed 133 acre per limits on each Final Well permit. Also, it is recommended that conjunctive use of the Henrylyn District water be explored and re-initiate delivery². While the delivery yield of Henrylyn water only averages about 0.4 acre-feet per acre, the additional 40-50 acre-feet of annual delivery does have a value in today's water agriculture and water market.

Should you have any questions, please do not hesitate to contact me at 970-522-1109.

Sincerely,

Forrest Leaf, P.E.
Water Resource Consultant

Enclosures

Final Well Permits
Pictures
FSA Records
NRCS Soil Survey
MCREA Records

² District water is tied to the land and cannot be sold or severed from the land, thus its value is innate to the property.

Final Well Permits

8/30/82

PERMIT INFORMATION SHEET

31575 FP

OWNER DANIEL & MARGARET WAGNER
7676 WCR 67
Kearney, NE
80643

PERMIT NO. R10102
Priority Date 7-15-54
Priority No. _____
Use IRRIGATION
Depth 115 feet

Division Code 1
County Code 44
Water District 1
Management District Code 9
Designated Basin Code 5

WELL LOCATION SE 1/4 NW 1/4, Section 27, Township 2 N, Range 63 West
2620 feet from the N section line, 2560 feet from the W section line.

917052

PERMIT STATISTICS 134 Acre-feet/year, 1200 G.P.M., 160 Acres

Description of irrigated acres The NW 1/4 of SEC 27, T2N, R63W

SOURCE OF WATER: Alluvium

PERMIT NUMBERS OF WELLS COMMINGLED WITH: R 11708 FP, 5035-FP

ALLOWED TOTAL COMBINED ANNUAL WITHDRAWAL: 400

ALLOWED TOTAL COMBINED ACRES IRRIGATED: 160

PUBLICATION OF SBU AND REASONS Was publication required? Yes ☐ No ☒ Publication dates _____

Objections received? Yes ☐ No ☒ If yes, hearing results _____

Was hearing decision appealed? Yes ☐ No ☒ If yes, court's findings _____

Check here when the permit status is clarified ☒ Initials MA Date 1-22-84

Check here when Final Permit Information is keypunched ☐ Verified ☐ Initials _____ Date _____

RESULTS OF PRIORITY LIST PUBLICATION Objection received? Yes ☐ No ☒ If yes, hearing results _____

Was hearing decision appeal? Yes ☐ No ☒ If yes, findings of the court _____

Check when Final Permit fee is received ☐ Receipt No. _____

FINAL PERMIT ISSUED ☒ DATE _____

GROUND WATER COMMISSION
STATE OF COLORADO

FINAL PERMIT NO. 31575FP

LOST CREEK DESIGNATED GROUND WATER BASIN

Priority date: 07-15-54

Use: IRRIGATION

Name of Claimant: DANIEL & MARGARET WAGNER

Location of well: SE 1/4 of the NW 1/4 of Section 27, Township 2 N,
Range 63 W of the 6th Principal Meridian

Aquifer: ALLUVIUM

Maximum annual volume of the appropriation: 134 acre-feet

Maximum pumping rate: 1200 gallons per minute

Maximum number of acres which may be irrigated: 160 acres

COMMINGLED ACRES

Other wells commingled: 11708FP, 5035FP

Commingled annual appropriation: 400 acre-feet

Number of acres irrigated by these commingled wells: 160

Description of acres irrigated: THE NWQ OF SEC 27, T2N, R63W

Former permit number for this well: 10102R

Done this 22 day of May, 1987


Jeris A. Danielson
Executive Director,
Colorado Ground Water Commission

COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St.
Denver, Colorado 80203

RECEIVED

NOV 17 1982

TYPE OR
PRINT IN BLACK INK
COPY OF ACCEPTED
STATEMENT MAILED
ON REQUEST.

STATE OF COLORADO

COUNTY OF WELD

SS.

WATER RESOURCES
STATE ENGINEER
AFFIDAVIT COLORADO

- ☒ STATEMENT OF BENEFICIAL USE OF GROUND WATER
☐ AMENDMENT OF EXISTING RECORD
☐ LATE REGISTRATION

PERMIT NUMBER 10102

LOCATION OF WELL

THE AFFIANT(S) DANIEL D. & MARGARET WAGNER County WELD
whose mailing
address is 7676 WELD COUNTY ROAD 67 SE 1/4 of the NW 1/4 Section 27
City KEENESBURG, COLO. 80643 Twp. 2 N Rng. 63 W 64 P.M.
(STATE) (ZIP) (N OR S) (E OR W)

being duly sworn upon oath, deposes and says that he (they) is (are) the owner(s) of the well described hereon; the well is
located as described above, at distances of 2620 feet from the N section line and 2560 feet from the

W section line; water from this well was first applied to a beneficial use for the purpose(s) described herein on the 15
(EAST OR WEST)

day of JULY, 1984; the maximum sustained pumping rate of the well is 1200 gallons per minute, the pumping

rate claimed hereby is 1200 gallons per minute; the total depth of the well is 115 feet; the average annual amount

of water to be diverted is 134 acre-feet; for which claim is hereby made for irrigation

purpose(s); the legal description of the land on which the water from this well is used is

NW 1/4 of SEC. 27, T2N, R63 W of 64 P.M. in conjunction with of which
PERMITS # 11708-R & # 5035-F, totaling 400 ACRE FEET

160 acres are irrigated and which is illustrated on the map on the reverse side of this form; that this well was completed in
compliance with the permit approved therefor; this statement of beneficial use of ground water is filed in compliance with law; he
(they) has (have) read the statements made hereon; knows the content thereof; and that the same are true of his (their) knowledge.

(COMPLETE REVERSE SIDE OF THIS FORM)

Signature(s) Daniel D. Wagner Margaret Wagner

Subscribed and sworn
to before me on this 17 day of November, 1984

My Commission expires 7-23-86

Glenn J. Grumble
1313 Sherman Room 818
CLERK

ACCEPTED FOR FILING BY THE STATE ENGINEER OF COLORADO
PURSUANT TO THE FOLLOWING CONDITIONS:

FOR OFFICE USE ONLY

Court Case No. _____

Prior. _____ Mo. _____ Day _____ Yr. _____

Div. 8-1 City 62

Sec. _____ 1/4 _____ 1/4 _____ 1/4 _____

Well Use 6

Dist. 01 Basin 5 Mon Dis 9

DEC 02 1982

STATE ENGINEER

BY

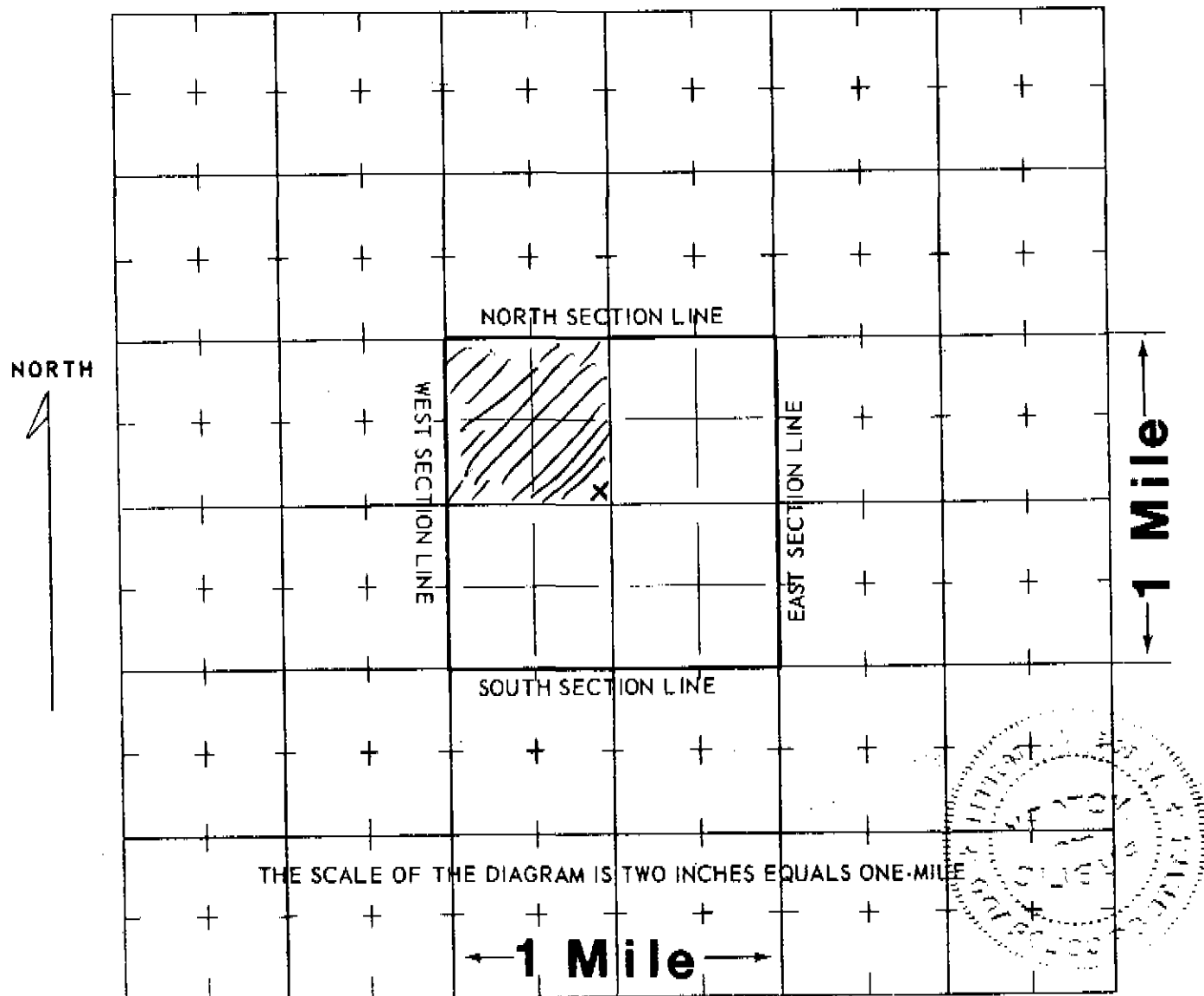
John A. Danielson

Leonard A. Menor

Well drilled by OLIVER WELL WORKS INC. Lic. No. 6
 Permanent
 Pump installed by OLIVER WELL WORKS Lic. No. 6
 Meter Serial No. _____ ☐ Flow Meter Date Installed _____
 Owner of land on which water is being used DANIEL D + MARGARET WAGNER

THE LOCATION OF THE WELL MUST BE SHOWN AND FOR LARGE CAPACITY IRRIGATION WELLS THE AREA ON WHICH THE WATER IS USED MUST BE SHADED OR CROSS-HATCHED ON THE DIAGRAM BELOW.

This diagram represents nine (9) sections. Use the CENTER SQUARE (one section) to indicate the location of the well, if possible.



WATER EQUIVALENTS TABLE (Rounded Figures)

An acre-foot covers 1 acre of land 1 foot deep.
 1 cubic foot per second (cfs) . . . 449 gallons per minute (gpm).
 1 acre-foot . . . 43,560 cubic feet . . . 325,900 gallons.
 1,000 gpm pumped continuously for one day produces 4.42 acre-feet.
 100 gpm pumped continuously for one year produces 160 acre-feet.

(WHITE AND PINK COPY TO BE FILED WITH THE STATE ENGINEER
 PINK COPY WILL BE RETURNED TO OWNER)

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER, GROUND WATER SECTION

RECEIVED
MAR 15 1960
GROUND WATER
COLORADO
STATE ENGINEER

REGISTRATION NO. 10102 OF WELL

Registrant Daniel D. & Margaret Wagner
Fred Trupp and Edna C. Trupp

Date February 4 1960

P.O. Address Keenesburg Rt. 1, Box 248, Ft. Lupton Colo.

WELL DATA
Depth 115 ft. Diameter 40 in.

Casing : 94 ft. Plain; 21 ft. Perfor.

Static Water Level 45 ft. from top

Yield 1200 (gpm)(cfs) from 85 ft.

Used for irrigation on/at

(legal description of land or site)

Water conveyed by turbine, size 8

PUMP DATA
Type Fairbanks Morse Size 30 hp

Driven by electric motor at 1760 RPM

Well was first used July 15, 1954

for irrigation using 1200 cfs gpm

Well enlarged , 19 to
deepened

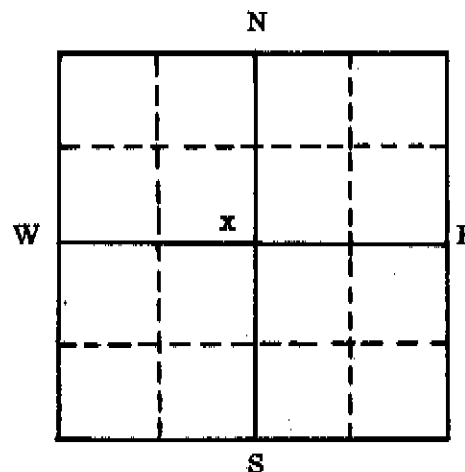
(gpm)(cfs)(ft)

LOG SHOULD BE GIVEN ON REVERSE
SIDE IF AVAILABLE

WELL LOCATION
County Weld 62

SE 1/4, NW 1/4 Section 27

Twp. 2N, Rge. 63W 6th PM



WELL TO BE LOCATED AS ACCUR-
ATELY AS POSSIBLE WITHIN A
SMALL SQUARE WHICH REPRESENTS
40 ACRES; OR IF IN A TOWN OR
SUBDIVISION FILL IN THE FOLLOW-
ING:

Town or Subdivision

Street address or Lot and Block

The above well (has) (has not) been registered in the Office of the State Engineer prior
to May 1, 1957. If Registered give Filing No.

If NOT Registered prior to May 1, 1957, a \$5.00 filing fee accompanies this form.

The above statements are true and correct to the best of my knowledge and belief.

Subscribed and Sworn before me

this 1st day of February, 1960.

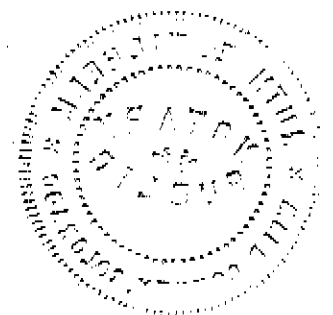
My commission expires June 17, 1963

(SEAL) Ruth E. Truhelm
Notary Public

Fred Trupp
Fred Trupp Registrant

FOR STATE ENGINEER'S USE
Located in 1-1 district, Weld County for Irrigation

Registration No. 1296 in 1-1 on March 1st, 1960



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NOV 2 '72



REALTY CO.

COLORADO, WYOMING, MONTANA, NEBRASKA, and TEXAS
TELEPHONE (303) 352-1212

1212 8th AVENUE

GREELEY, COLORADO 80631

WATER RESOURCES
STATE ENGINEER
COLO.

November 1, 1972

Colorado Division of Water Resources
101 Columbine Bldg.
1845 Sherman Street
Denver, Colorado 80203

Gentlemen:

There is at the present time, three wells Nos. 10102, 11708, 5035F registered in the name of Fred Trupp and/or Edna C. Trupp situate in property described as the Northwest Quarter of Section 27, Township 2 North, Range 66 West of the 6th P.M., Weld County, Colorado.

Mr. and Mrs. Trupp have sold subject property to Daniel D. and Margaret Wagner whose address is Route 1, Box 248, Fort Lupton, Colorado and therefore, the well permits should be transferred accordingly.

We have enclosed our Trust Account Check in the amount of \$4.50 to cover the cost of this transfer and cost of copies of the transferred permits.

I am sorry I do not have a copy of the well permits for forwarding to you and hope you can assist us in this matter and furnish us copies for the new owners.

Yours truly,

SCOTT REALTY CO.

Sally A. Scripser
Sally A. Scripser (Mrs.)

Enclosure

P.S. PLEASE FORWARD US A DOZEN SETS OF "AMENDMENT OF EXISTING RECORD" FORMS FOR FUTURE WELL TRANSFERS.

THE PROPOSED FINAL PERMIT WAS PUBLISHED IN ONE OR MORE OF THE FOLLOWING PAPERS
ON THE LISTED DATES:

NEW NEWS OF KEENESBURG, WELD COUNTY,

FEBRUARY 19 AND 26, 1987

TRI-COUNTY TRIBUNE OF DEER TRAIL, ARAPAHOE COUNTY,

FEBRUARY 19 AND 26, 1987

EASTERN COLORADO NEWS OF STRASBURG, ADAMS COUNTY,

MARCH 19 AND 26, 1987

NO OBJECTIONS WERE RECEIVED WITHIN THE TIME PERIOD SET BY STATUTE.

THE ACTUAL AFFIDAVITS OF PUBLICATION ARE LOCATED IN THE LOST CREEK FILE IN THE
DESIGNATED BASINS BRANCH FILES.

COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St.

Denver, Colorado 80203

TYPE OR
PRINT IN BLACK INK
COPY OF ACCEPTED
STATEMENT MAILED
ON REQUEST.

STATE OF COLORADO

COUNTY OF WELD

SS.

RECEIVED

NOV 17 1982

AFFIDAVIT
STATE ENGINEER
C.O.D.

☒ STATEMENT OF BENEFICIAL USE OF GROUND WATER
☐ AMENDMENT OF EXISTING RECORD
☐ LATE REGISTRATION

PERMIT NUMBER 11708

LOCATION OF WELL

THE AFFIANT(S) DANIEL D. & MARGARET WAGNER WELD
whose mailing
address is 7676 WELD COUNTY ROAD 47 SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ Section 27
City KEENESBURG COLO 80643 Twp. 2 N Rng. 63 W 6th P.M.
(STATE) (ZIP) (IN OR S) (E OR W)

being duly sworn upon oath, deposes and says that he (they) is (are) the owner(s) of the well described hereon; the well is
located as described above, at distances of 1510 feet from the N section line and 330 feet from the
W section line; water from this well was first applied to a beneficial use for the purpose(s) described herein on the
day of MAY, 1986; the maximum sustained pumping rate of the well is 1200 gallons per minute, the pumping
rate claimed hereby is 1200 gallons per minute; the total depth of the well is 88 feet; the average annual amount
of water to be diverted is 133 acre-feet; for which claim is hereby made for IRRIGATION

purpose(s); the legal description of the land on which the water from this well is used is
NW 1/4, S 27, T 2 N, R 63 W of 6th pm, IN CONJUNCTION WITH of which
PERMITS # 10102-R & 5035-F, TOTALING 400 ACRE FEET
160 acres are irrigated and which is illustrated on the map on the reverse side of this form; that this well was completed in
compliance with the permit approved therefor; this statement of beneficial use of ground water is filed in compliance with law; he
(they) has (have) read the statements made hereon; knows the content thereof; and that the same are true of his (their) knowledge.

(COMPLETE REVERSE SIDE OF THIS FORM)

Signature(s) Daniel D. Wagner Margaret Wagner
Subscribed and sworn
to before me on this 17 day of November, 19 83
My Commission expires: 7-23-86

Alison J. Crumple
1313 Sherman Room 818
ACCEPTED FOR FILING BY THE STATE ENGINEER OF COLORADO
PURSUANT TO THE FOLLOWING CONDITIONS:

FOR OFFICE USE ONLY

Court Case No. _____
Prior. _____ Mo. _____ Day _____ Yr. _____
Div. 8-1 Cty. 62
Sec. _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____
Well Use 6
Dist. 01 Basin 5 Mon. Dis. 2

DEC 02 1982

DATE

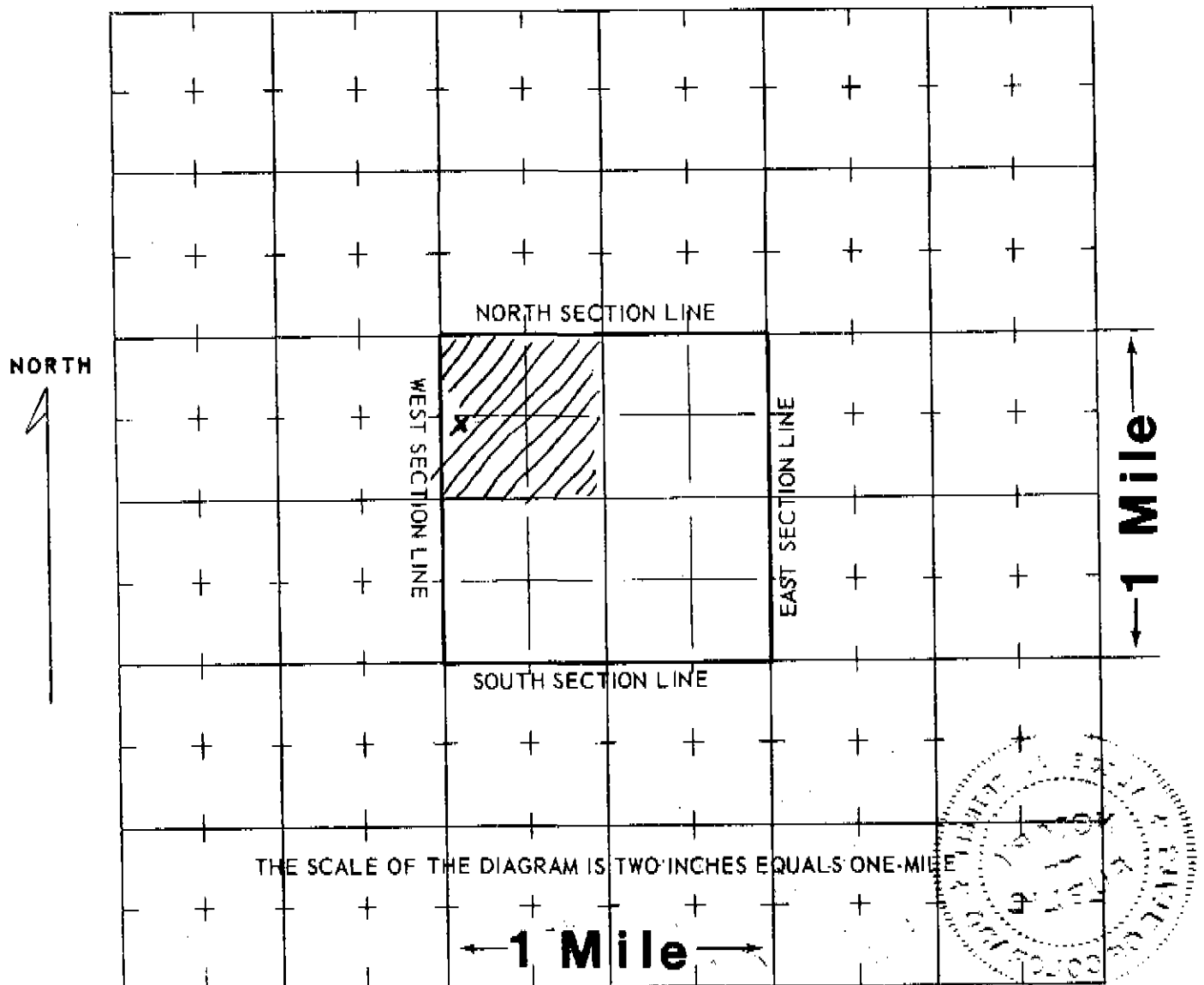
STATE ENGINEER

BY

Well drilled by UNKNOWN Lic. No. _____
 Permanent _____ Lic. No. _____
 Pump installed by _____
 Meter Serial No. _____ ☐ Flow Meter Date Installed _____
 Owner of land on which water is being used A DANIEL D & MARGARET WAGNER

THE LOCATION OF THE WELL MUST BE SHOWN AND FOR LARGE CAPACITY IRRIGATION WELLS THE AREA ON WHICH THE WATER IS USED MUST BE SHADED OR CROSS-HATCHED ON THE DIAGRAM BELOW.

This diagram represents nine (9) sections. Use the **CENTER SQUARE** (one section) to indicate the location of the well, if possible.



WATER EQUIVALENTS TABLE (Rounded Figures)

An acre-foot covers 1 acre of land 1 foot deep.
 1 cubic foot per second (cfs) . . . 449 gallons per minute (gpm).
 1 acre-foot . . . 43,560 cubic feet . . . 325,900 gallons.
 1,000 gpm pumped continuously for one day produces 4.42 acre-feet.
 100 gpm pumped continuously for one year produces 160 acre-feet.

(WHITE AND PINK COPY TO BE FILED WITH THE STATE ENGINEER
 PINK COPY WILL BE RETURNED TO OWNER)

8/30/82

PERMIT INFORMATION SHEET

OWNER DANIEL & MARGARET WAGNER
756 WCR 67
Keeneburg, Co
80643

PERMIT NO AR- [REDACTED]
 Priority Date 5-31-36
 Priority No. _____
 Use IRRIGATION
 Depth 34 feet

Division Code 1
 County Code 44
 Water District 1
 Management District Code 9
 Designated Basin Code 5

WELL LOCATION SW 1/4 NW 1/4, Section 27, Township 2 N, Range 63 West
1510 feet from the N section line, 330 feet from the W section line.

PERMIT STATISTICS 133 Acre-feet/year, 1200 G.P.M., 160 Acres

Description of irrigated acres TL NW 1/4 of SEC 27, T 2 N, R 63 W

SOURCE OF WATER: Alluvium

PERMIT NUMBERS OF WELLS COMMINGLED WITH: 31575 FP
R-10102, 5035 FP

ALLOWED TOTAL COMBINED ANNUAL WITHDRAWAL: 400

ALLOWED TOTAL COMBINED ACRES IRRIGATED: 160

PUBLICATION OF SBU AND REASONS Was publication required? Yes ☐ No ☒ Publication dates _____

Objections received? Yes ☐ No ☒ If yes, hearing results _____

Was hearing decision appealed? Yes ☐ No ☒ If yes, court's findings _____

Check here when the permit status is clarified ☒ Initials MP Dated 8-22-84

Check here when Final Permit Information is keypunched ☐ Verified ☐ Initials _____ Date _____

RESULTS OF PRIORITY LIST PUBLICATION Objection received? Yes ☐ No ☒ If yes, hearing results _____

Was hearing decision appeal? Yes ☐ No ☒ If yes, findings of the court _____

Check when Final Permit fee is received ☐ Receipt No. _____

FINAL PERMIT ISSUED ☐ DATE _____

GROUND WATER COMMISSION
STATE OF COLORADO

FINAL PERMIT NO. 11708FP

LOST CREEK DESIGNATED GROUND WATER BASIN

Priority date: 05-31-36

Use: IRRIGATION

Name of Claimant: DANIEL & MARGARET WAGNER

Location of well: SW 1/4 of the NW 1/4 of Section 27, Township 2 N,
Range 63 W of the 6th Principal Meridian

Aquifer: ALLUVIUM

Maximum annual volume of the appropriation: 133 acre-feet

Maximum pumping rate: 1200 gallons per minute

Maximum number of acres which may be irrigated: 160 acres

COMMINGLED ACRES

Other wells commingled: 31575FP, 5035FP

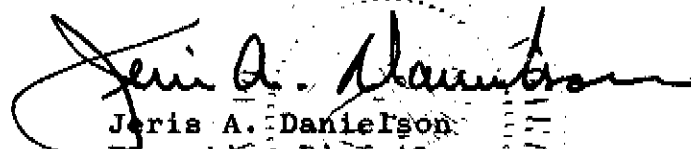
Commingled annual appropriation: 400 acre-feet

Number of acres irrigated by these commingled wells: 160

Description of acres irrigated: THE NWQ OF SEC 27, T2N, R63W

Former permit number for this well: 11708R

Done this 22 day of May, 1987


Jeris A. Danielson
Executive Director,
Colorado Ground Water Commission

SEP 16 1960

Return to att *Hortobach & Hortobach*
Kennedy Building - Denver

RECEIVED

STATE OF COLORADO

DIVISION OF WATER RESOURCES

OFFICE OF THE STATE ENGINEER, GROUND WATER SECTION

18 1960

REGISTRATION NO. 11708 OF WELL #1

STATE ENGINEER

Registrant Daniel D. & Margaret Wagner
Fred and Edna C. Trupp

Date April 13 1960

P.O. Address Box 248, Keenesburg, Colorado

WELL LOCATION

County Weld 62

SW 1/4, NW 1/4 Section 27

Twp. 2N, Rge. 63W, 6 PM

WELL DATA

Depth 88 ft. Diameter 36 in.

Casing : 40 ft. Plain; 48 ft. Perfor.

Static Water Level 36 ft. from top

Yield 1200 (gpm)(cfs) from 55 ft.

Used for irrigation on/at

NW 1/4, Sec. 27, 2N, 63W, 6PM
(legal description of land or site)

Water conveyed by _____ size _____

PUMP DATA

Type Turbine Size 8"

Driven by 25HP at 1800 RPM

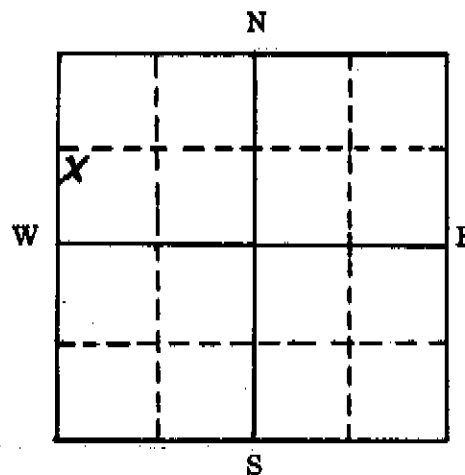
Well was first used May, 1936

for irrigation using 1200 gpm

Well enlarged _____, 19 to
deepened _____

(gpm)(cfs)(ft)

LOG SHOULD BE GIVEN ON REVERSE
SIDE IF AVAILABLE



WELL TO BE LOCATED AS ACCUR-
ATELY AS POSSIBLE WITHIN A
SMALL SQUARE WHICH REPRESENTS
40 ACRES; OR IF IN A TOWN OR
SUBDIVISION FILL IN THE FOLLOW-
ING:

Town or Subdivision

Street address or Lot and Block

The above well (has not) been registered in the Office of the State Engineer prior to May 1, 1957. If Registered give Filing No. _____.

If NOT Registered prior to May 1, 1957, a \$5.00 filing fee accompanies this form.

The above statements are true and correct to the best of my knowledge and belief.

Subscribed and Sworn before me

this 13th day of April, 1960.

My commission expires June 17, 1960

(SEAL) Robert E. Wilhelm

Notary Public

Edna C. Trupp
Registrant

FOR STATE ENGINEER'S USE

Located in 1-1 district, Weld County for

IRRIGATION

Registration No. 1791 in 1-1, on

April 13 1960



RECEIVED

NOV 2 '72

WATER RESOURCES
STATE ENGINEER
COLO.



REALTY CO.

COLORADO, WYOMING, MONTANA, NEBRASKA, and TEXAS
TELEPHONE (303) 352-1212

1212 8th AVENUE

GREELEY, COLORADO 80631

November 1, 1972

Colorado Division of Water Resources
101 Columbine Bldg.
1845 Sherman Street
Denver, Colorado 80203

Gentlemen:

There is at the present time, three wells Nos. 10102, 11708, 5035F registered in the name of Fred Trupp and/or Edna C. Trupp situate in property described as the Northwest Quarter of Section 27, Township 2 North, Range 66 West of the 6th P.M., Weld County, Colorado.

Mr. and Mrs. Trupp have sold subject property to Daniel D. and Margaret Wagner whose address is Route 1, Box 248, Fort Lupton, Colorado and therefore, the well permits should be transferred accordingly.

We have enclosed our Trust Account Check in the amount of \$4.50 to cover the cost of this transfer and cost of copies of the transferred permits.

I am sorry I do not have a copy of the well permits for forwarding to you and hope you can assist us in this matter and furnish us copies for the new owners.

Yours truly,

27 21 63

SCOTT REALTY CO.

Sally A. Scripster
Sally A. Scripster (Mrs.)

Enclosure

P.S. PLEASE FORWARD US A DOZEN SETS OF "AMENDMENT OF EXISTING RECORD" FORMS FOR FUTURE WELL TRANSFERS.

THE PROPOSED FINAL PERMIT WAS PUBLISHED IN ONE OR MORE OF THE FOLLOWING PAPERS
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FEBRUARY 19 AND 26, 1987

EASTERN COLORADO NEWS OF STRASBURG, ADAMS COUNTY,

MARCH 19 AND 26, 1987

NO OBJECTIONS WERE RECEIVED WITHIN THE TIME PERIOD SET BY STATUTE.

THE ACTUAL AFFIDAVITS OF PUBLICATION ARE LOCATED IN THE LOST CREEK FILE IN THE
DESIGNATED BASINS BRANCH FILES.

GROUND WATER COMMISSION
STATE OF COLORADO

FINAL PERMIT NO. 5035FP

LOST CREEK DESIGNATED GROUND WATER BASIN

Priority date: 02-25-64

Use: IRRIGATION

Name of Claimant: DANIEL & MARGARET WAGNER

Location of well: SW 1/4 of the NW 1/4 of Section 27, Township 2 N,
Range 63 W of the 6th Principal Meridian

Aquifer: ALLUVIUM

Maximum annual volume of the appropriation: 133 acre-feet

Maximum pumping rate: 1200 gallons per minute

Maximum number of acres which may be irrigated: 160 acres

COMMINGLED ACRES

Other wells commingled: 31575FP, 11708FP

Commingled annual appropriation: 400 acre-feet

Number of acres irrigated by these commingled wells: 160

Description of acres irrigated: THE NWQ OF SEC 27, T2N, R63W

Former permit number for this well: 5035F

Done this 22 day of May, 19 87


Jeris A. Danielson
Executive Director,
Colorado Ground Water Commission



8/30/82

PERMIT INFORMATION SHEET

OWNER DANIEL & MARGARET WAGNER
7676 WCR 67
Kennelburg, Pa
80643

PERMIT NO. [REDACTED]
 Priority Date 2-25-64
 Priority No. _____
 Use IRRIGATION
 Depth 96 feet

Division Code 1
 County Code 44
 Water District 1
 Management District Code 9
 Designated Basin Code 5

WELL LOCATION SW 1/4 NW 1/4, Section 27, Township 2 N, Range 63 West
2616 feet from the N section line, 1115 feet from the W section line.

PERMIT STATISTICS 133 Acre-feet/year, 1200 G.P.M., 160 Acres

Description of irrigated acres The NW 1/4 of SEC 2-7, T2N, R63W

SOURCE OF WATER: Alluvium

PERMIT NUMBERS OF WELLS COMMINGLED WITH: 31575-FP
R-10102, R-11708 FP

ALLOWED TOTAL COMBINED ANNUAL WITHDRAWAL: 400

ALLOWED TOTAL COMBINED ACRES IRRIGATED: 160

PUBLICATION OF SBU AND REASONS Was publication required? Yes ☐ No ☒ Publication dates _____

Objections received? Yes ☐ No ☒ If yes, hearing results _____

Was hearing decision appealed? Yes ☐ No ☒ If yes, court's findings _____

Check here when the permit status is clarified ☒ Initials WJ Date 6-22-84

Check here when Final Permit information is keypunched ☐ Verified ☐ Initials _____ Date _____

RESULTS OF PRIORITY LIST PUBLICATION Objection received? Yes ☐ No ☒ If yes, hearing results _____

Was hearing decision appeal? Yes ☐ No ☒ If yes, findings of the court _____

Check when Final Permit fee is received ☐ Receipt No. _____

FINAL PERMIT ISSUED ☐ DATE _____

COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St.

Denver, Colorado 80203

TYPE OR
PRINT IN BLACK INK
COPY OF ACCEPTED
STATEMENT MAILED
ON REQUEST.

STATE OF COLORADO

COUNTY OF WELD

RECEIVED

NOV 17 1982

WATER RESOURCES
STATE ENGINEER
C.O.D.

- ☒ STATEMENT OF BENEFICIAL USE OF GROUND WATER
☒ AMENDMENT OF EXISTING RECORD (Y4, Y4, LOCATION CHANGE)
☐ LATE REGISTRATION

PERMIT NUMBER 5035-F

LOCATION OF WELL

THE AFFIANT(S) DANIEL D. & MARGARET WAGNER WELD
 whose mailing address is 7676 WELD COUNTY ROAD 67 NW 1/4 of the NW 1/4, Section 27
 City KEENEsburg COLO 80643 Twp. 2 N Rng. 63 W 64 PM

being duly sworn upon oath, deposes and says that he (they) is (are) the owner(s) of the well described hereon; the well is located as described above, at distances of 2616 feet from the N section line and 1115 feet from the

W section line; water from this well was first applied to a beneficial use for the purpose(s) described herein on the 25 day of FEBRUARY, 19 84; the maximum sustained pumping rate of the well is 1200 gallons per minute, the pumping

rate claimed hereby is 1200 gallons per minute; the total depth of the well is 96 feet; the average annual amount

of water to be diverted is 133 acre-feet; for which claim is hereby made for IRRIGATION

purpose(s); the legal description of the land on which the water from this well is used is

NW 1/4, S 27, T 2 N, R 63 W of 64 PM, IN CONJUNCTION WITH of which
PERMITS # 10102-R & 11708-R, TOTALING 400 ACRE FEET

160 acres are irrigated and which is illustrated on the map on the reverse side of this form; that this well was completed in compliance with the permit approved therefor; this statement of beneficial use of ground water is filed in compliance with law; he (they) has (have) read the statements made hereon; knows the content thereof; and that the same are true of his (their) knowledge.

(COMPLETE REVERSE SIDE OF THIS FORM)

Signature of Daniel D. Wagner Margaret Wagner

Subscribed and sworn to before me on this 17 day of November, 19 82

My Commission Expires 7-23-86

Alfred J. Gensible
1313 Sherman St., Room 818

ACCEPTED FOR FILING BY THE STATE ENGINEER OF COLORADO
 PURSUANT TO THE FOLLOWING CONDITIONS:

FOR OFFICE USE ONLY

Court Case No. _____

Prior. _____ Mo. _____ Day _____ Yr. _____

Div. 8-1 City 62

Sec. _____ 1/4 _____ 1/4 _____ 1/4 _____

Well Use 6Dist. 01 Basin 5 Mod. Dis. 9

DEC 02 1982

DATE

STATE ENGINEER

BY

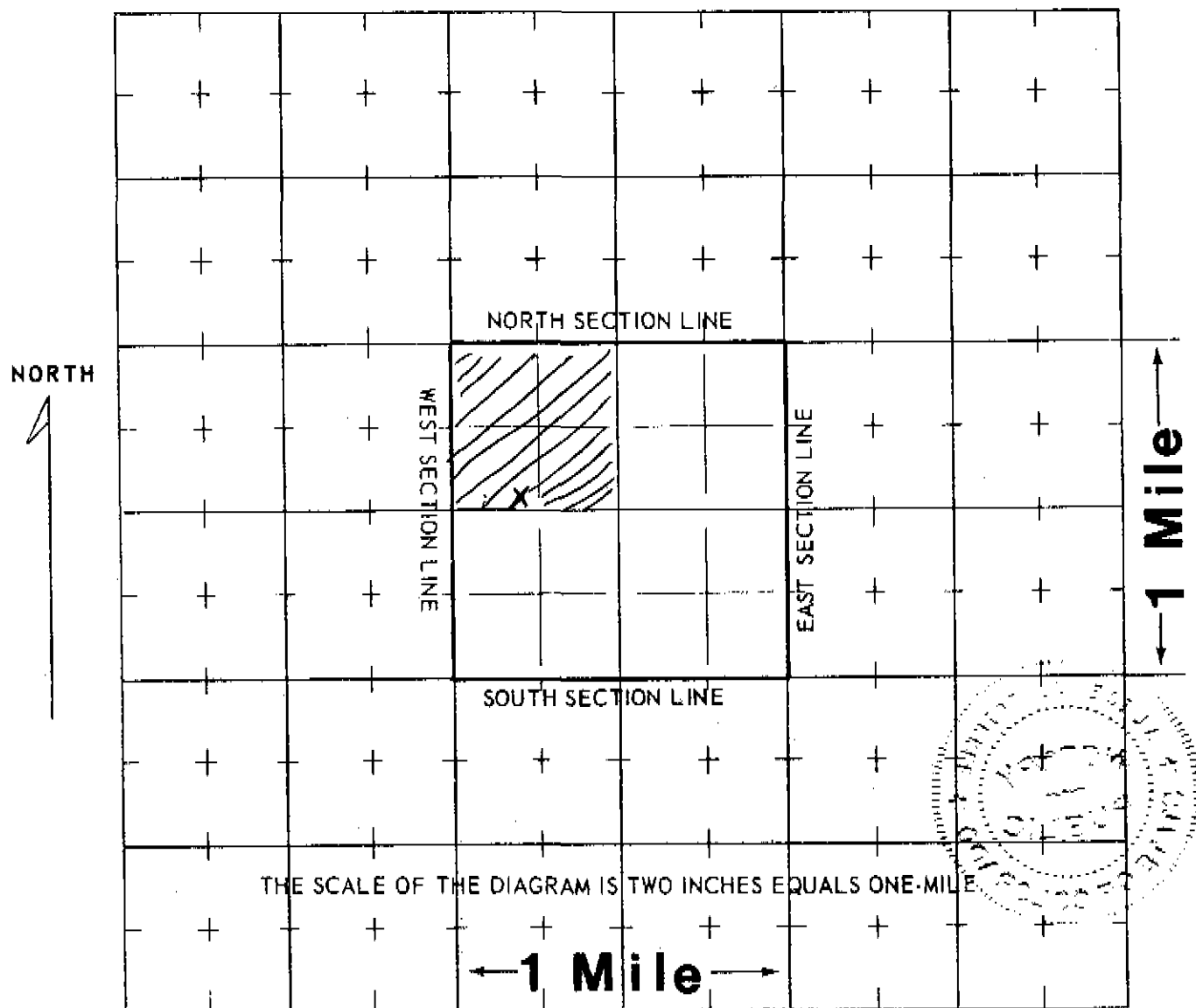
Well drilled by OLIVER WELL WORKS, INC. Lic. No. 6
Permanent
Pump installed by OLIVER WELL WORKS, INC. Lic. No. 6

Meter Serial No. _____ ☐ Flow Meter Date Installed _____

Owner of land on which
water is being used DANIEL P. & MARGARET WAGNER

THE LOCATION OF THE WELL MUST BE SHOWN AND FOR LARGE CAPACITY IRRIGATION WELLS THE AREA ON WHICH THE WATER IS USED MUST BE SHADED OR CROSS-HATCHED ON THE DIAGRAM BELOW.

This diagram represents nine (9) sections. Use the **CENTER SQUARE** (one section) to indicate the location of the well, if possible.



WATER EQUIVALENTS TABLE (Rounded Figures)

An acre-foot covers 1 acre of land 1 foot deep.
1 cubic foot per second (cfs) . . . 449 gallons per minute (gpm).
1 acre-foot . . . 43,560 cubic feet . . . 325,900 gallons.
1,000 gpm pumped continuously for one day produces 4.42 acre-feet.
100 gpm pumped continuously for one year produces 160 acre-feet.

(WHITE AND PINK COPY TO BE FILED WITH THE STATE ENGINEER
PINK COPY WILL BE RETURNED TO OWNER)

FEB 25 1965
APR 20 1965

Form 1 (Rev. 10-63)

Est

BYM

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
GROUND WATER SECTION

RECEIVED
DEC 16 1964
GROUND WATER SECT.
COLORADO
STATE ENGINEER

Index No. 2344
IDWD 1
Use Irrigation
Registered 12-16-64

(For State Engineer's Use)

LOG AND HISTORY OF WELL

PERMIT NO. 5085 F 5035-F

WELL LOCATION

Driller Oliver Well Works, Inc. Lic. No. 6
Owner Frederick & Edna Trapp Daniel D. & Margaret Wagner
Street Rte 1, Box 248 City Keenesburg, Colo.
Tenant _____

Weld 62 County
NW 1/4 of NW 1/4 of Sect. 27
Twp. 2 N, Rge. 63 W, 6 PM

Use of Water Irrigation

On or By NW 1/4 27 2 63 No. 160
(description of site or land) Acres

Date Started Feb 11, 1964

Date Completed Feb 25, 1964

Yield 1200 GPM or _____ CFS

WELL DESCRIPTION:

Depth to Water 48 ft. Total Depth 96 ft.
(measured from ground surface)

Hole Diameter { from 0 ft. to 96 ft., 40 in.
from _____ ft. to _____ ft., _____ in.
from _____ ft. to _____ ft., _____ in.

TEST DATA:

How Tested X Pump or _____ Bailed

Date Tested Feb 25, 1964 Length 3 hrs.

Rate 1200 GPM Drawn Down 40 ft.

PUMP DATA:

Pump Type Turbine Outlet Size 8 in.

Driven by 25 HP Elect

CASING RECORD:

Plain Casing

Size 24, Kind 14 ga from 0 ft. to 66 ft.

Size _____, Kind _____ from _____ ft. to _____ ft.

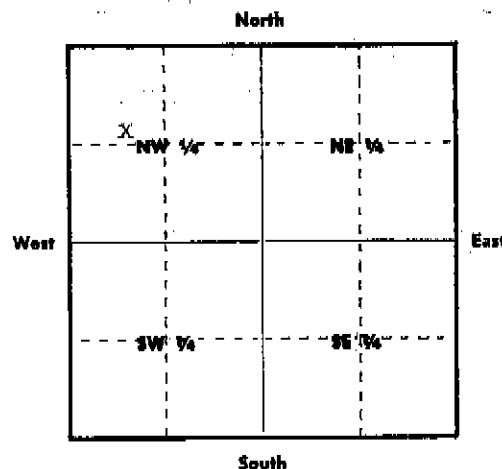
Size _____, Kind _____ from _____ ft. to _____ ft.

Perforated Casing

Size 24, Kind 14 ga from 66 ft. to 96 ft.

Size _____, Kind _____ from _____ ft. to _____ ft.

Size _____, Kind _____ from _____ ft. to _____ ft.



ABOVE DIAGRAM REPRESENTS ONE FULL SECTION. LOCATE WELL ACCURATELY IN SMALL SQUARE REPRESENTING 40 ACRES.

or

If the above is not applicable fill in:

No. _____ Street _____

City or Town _____

or

Lot _____, Block _____

_____ Subdivision
(include filing or number)

TO BE MADE OUT IN QUADRUPLICATE:

Original Blue and Duplicate Green Copy must be filed with the State Engineer within 30 days after well is completed. White copy is for the Owner and Yellow copy for the Driller. **SIGN BLUE COPY**

WELL LOG

Ground Elevation_____ (if known)

How Drilled_____Reverse

[illegible]

(if more space is required use additional sheet)

WELL DRILLER'S STATEMENT

This well was drilled under my supervision and the above information is true and correct to the best of my knowledge and belief.

Signed OLIVER WELL WORKS, INC.

By

Dated: 12/15/64

FEB 25 1965
APR 20 1965
Form 5 (Rev.)
10-63

Est
STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
GROUND WATER SECTION

LOG AND HISTORY OF WELL

PERMIT NO. 5045 F *5035-F*

Index No. 2344
IDWD 1-1
Use Irrigation
Registered 12-16-64

(For State Engineer's Use)

Best Copy Available

RECEIVED
DEC 16 1964
WATER SECT.
COLORADO
STATE ENGINEER

WELL LOCATION

Driller Oliver Well Works, Inc. Lic. No. 6
Owner Fred & Edna Trupp *Daniel D. & Margaret Wagner*
Street Rte 1, Box 248 City Keenesburg, Colo.
Tenant _____

62
Weld County
NW 1/4 of NW 1/4 of Sect. 27
Twp. 2 N, Rge. 63 W, 6 PM

Use of Water Irrigation
On or By NW 1/4 27 2 63 No. 160
(description of site or land) Acres
Date Started Feb 11, 1964
Date Completed Feb 25, 1964
Yield 1200 GPM or _____ CFS

WELL DESCRIPTION:

Depth to Water 48 ft. Total Depth 96 ft.
(measured from ground surface)
Hole Diameter { from 0 ft. to 96 ft., 40 in.
from _____ ft. to _____ ft., _____ in.
from _____ ft. to _____ ft., _____ in.

TEST DATA:

How Tested X Pump or _____ Bailed
Date Tested Feb 25, 1964 Length 3 hrs.
Rate 1200 GPM Drawn Down 40 ft.

PUMP DATA:

Pump Type Turbine Outlet Size 8 in.
Driven by 25 HP Elect

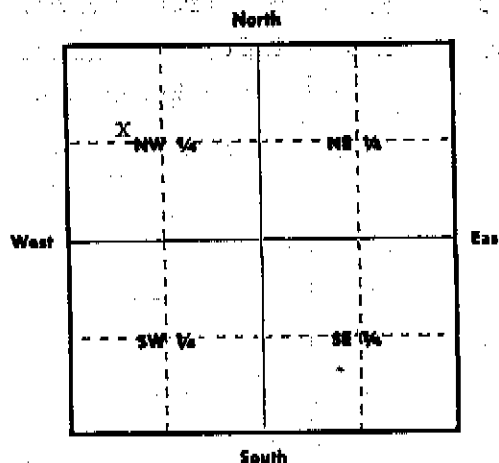
CASING RECORD:

Plain Casing

Size 24, Kind 14 ga from 0 ft. to 66 ft.
Size _____, Kind _____ from _____ ft. to _____ ft.
Size _____, Kind _____ from _____ ft. to _____ ft.

Perforated Casing

Size 24, Kind 14 ga from 66 ft. to 96 ft.
Size _____, Kind _____ from _____ ft. to _____ ft.
Size _____, Kind _____ from _____ ft. to _____ ft.



ABOVE DIAGRAM REPRESENTS ONE FULL SECTION. LOCATE WELL ACCURATELY IN SMALL SQUARE REPRESENTING 40 ACRES.

or

If the above is not applicable fill in:

No. _____ Street _____
City or Town _____

or

Lot _____, Block _____
Subdivision _____
(Include filing or number)

TO BE MADE OUT IN QUADRUPLICATE:

Original Blue and Duplicate Green Copy must be filed with the State Engineer within 30 days after well is completed. White copy is for the Owner and Yellow copy for the Driller. **SIGN BLUE COPY**

FOR WELL LOG USE REVERSE SIDE

WELL LOG

[illegible]

WELL DRILLER'S STATEMENT

Signed OLIVER WELL WORKS, INC.

B4

Dated

~~CONFIDENTIAL~~ 12/15/64 10

Form C, Rev.
9-62/10M

STATE OF COLORADO

APPLICATION FOR:



A PERMIT TO USE GROUND WATER
A PERMIT TO CONSTRUCT A WELL

RECEIVED

JAN 23 1964
GROUND WATER SECT.

Applicant FRED AND EDNA C. TRUPP

P.O. Address Keenesburg, Colorado

Quantity applied for 1200 gpm or
 AF Storage

Used for Irrigation Purposes

on/at NW 1/4 NW 1/4 Sec 27 T 2

(legal description of land site)

Range 63W 160 acres

Total acreage irrigated and other rts.

ESTIMATED DATA OF WELL

Hole size: 40 in. to 95 ft.
 in. to ft.

Casing Plain 24 in. from 0 to 51 ft.
 in. from to ft.

Open or Perf. 24 in. from 51 to 95 ft.
 in. from to ft.

PUMP Outlet

DATA: Type turbine HP 25 Size 8

Use initiation date 4/1/ 19 64
(Use Supplemental pages for additional data)

Driller to furnish Log and History (Form E)
within 30 days after completion of well.

THIS APPLICATION APPROVED

PERMIT NO. 5035 - F

ISSUED:

DATE JAN 23 1964 19

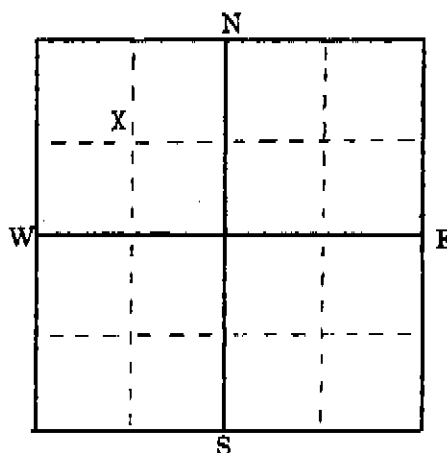
County Weld LOCATION OF WELL COLORADO
STATE ENGINEER

NW 1/4 of NW 1/4 of Sect. 27, Twp. 2 N,

Rge. 63W, 6 P.M. OR

Street Address or Lot & Block No.

Town or Subdivision



Locate
well in
40 acre
(small)
square
as near
as possible.
Large square
is one section.

\$25.00 fee required for uses other
than Domestic or Livestock.

Applicant

Agent or OLIVER WELL WORKS, INC No. 6

Driller

Address 603 8th Street Greeley, Colorado

NOTE — SATISFACTORY COMPLETION REQUIRED FOR APPROVAL OF APPLICATION

RECEIVED

NOV 2 72



REALTY CO.

COLORADO, WYOMING, MONTANA, NEBRASKA, and TEXAS
TELEPHONE (303) 352-1212

1212 8th AVENUE

GREELEY, COLORADO 80631

WATER RESOURCES
STATE ENGINEER
CALO.

November 1, 1972

Colorado Division of Water Resources
101 Columbine Bldg.
1845 Sherman Street
Denver, Colorado 80203

Gentlemen:

There is at the present time, three wells Nos. 10102, 11708, 5035F registered in the name of Fred Trupp and/or Edna C. Trupp situate in property described as the Northwest Quarter of Section 27, Township 2 North, Range 66 West of the 6th P.M., Weld County, Colorado.

Mr. and Mrs. Trupp have sold subject property to Daniel D. and Margaret Wagner whose address is Route 1, Box 248, Fort Lupton, Colorado and therefore, the well permits should be transferred accordingly.

We have enclosed our Trust Account Check in the amount of \$4.50 to cover the cost of this transfer and cost of copies of the transferred permits.

I am sorry I do not have a copy of the well permits for forwarding to you and hope you can assist us in this matter and furnish us copies for the new owners.

Yours truly,

27 20 63

SCOTT REALTY CO.

Sally A. Scriptor (Mrs.)

Enclosure

P.S. PLEASE FORWARD US A DOZEN SETS OF "AMENDMENT OF EXISTING RECORD" FORMS FOR FUTURE WELL TRANSFERS.

THE PROPOSED FINAL PERMIT WAS PUBLISHED IN ONE OR MORE OF THE FOLLOWING PAPERS
ON THE LISTED DATES:

NEW NEWS OF KEENESBURG, WELD COUNTY,

FEBRUARY 19 AND 26, 1987

TRI-COUNTY TRIBUNE OF DEER TRAIL, ARAPAHOE COUNTY,

FEBRUARY 19 AND 26, 1987

EASTERN COLORADO NEWS OF STRASBURG, ADAMS COUNTY,

MARCH 19 AND 26, 1987

NO OBJECTIONS WERE RECEIVED WITHIN THE TIME PERIOD SET BY STATUTE.

THE ACTUAL AFFIDAVITS OF PUBLICATION ARE LOCATED IN THE LOST CREEK FILE IN THE
DESIGNATED BASINS BRANCH FILES.

Pictures







TRADE

U.S.

Auto-Start
Battery

MOTOR

HP.

15

WHS

220/440

TYPE

CEU

11250

1800

11250

1500



1063438

887

38/19

3

200C

U.S. ELECTRICAL MFG. CO.
LOS ANGELES, CAL.

GENERAL ELECTRIC

MODEL 5K8246X014 HP 25
 SERVICE FACTOR 1.15 AT RATED VOLTS AND CYCLES
 TYPE CODE F FRAME A324 JB NEMA CLASS DESIGN B
 VOLTS 220/440 CYCLES 60 PHASES 3
 FL AMP 64/32
 FL SPEED 1765
 SEC VOLTS
 40 C RISE CONTINUOUS SEC AMP
 NO. 1138276

NP13330 SCHEMECTADY, N.Y. MADE IN U.S.A.

TRI/CLAD INDUCTION MOTOR



CONNECTIONS FOR VOLTAGES SHOWN ON MAIN NAMEPLATE
 LOWER VOLTAGE HIGHER VOLTAGE
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

FSA Records

Operator Name and Address

PROSPECT RANCH LLC
32063 COUNTY ROAD 18
KEENESBURG, CO 80643-8924

Original: DKB
Revision: _____
Cropland: 147.49
Farmland: 158.67

Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	Org Stat	Nat. Sod	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
4403	1	CORN	YEL	GR		I	C	N	I	A	61.30		Yes		N	05/31/2023	01	
Producer PROSPECT RANCH LLC				Share 100.00		FSA Physical Location Weld, Colorado										NAP Unit 7634	Signature Date 07/31/2023	
2		CORN	YEL	GR		I	C	N	I	A	86.19		Yes		N	05/23/2023	01	
Producer PROSPECT RANCH LLC				Share 100.00		FSA Physical Location Weld, Colorado										NAP Unit 7634	Signature Date 07/31/2023	

Tract 4403 Summary

PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty
01	CORN	YEL	GR	I	A	147.49														
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																				
Cropland: 147.49						Reported on Cropland: 147.49						Difference: 0.00				Reported on Non-Cropland: 0.00				

Operator Name and Address

PROSPECT RANCH LLC
32063 COUNTY ROAD 18
KEENESBURG, CO 80643-8924

Original: DKB
Revision: _____
Cropland: 147.49
Farmland: 158.67

NOTE: The following statement is made in accordance with the Privacy Act of 1974 (5 USC 552a – as amended). The authority for requesting the information identified on this form is 7 CFR Part 718, the Farm Security and Rural Investment Act of 2002 (Pub L. 107-171), and the Agricultural Act of 2014 (Pub. L. 113-79). The information will be used to collect producer certification of the report of acreage of crops/commodities and land use data which is needed in order to determine producer eligibility to participate in and receive benefits under FSA programs. The information collected on the form may be disclosed to other Federal, State, Local government agencies, Tribal agencies, and nongovernmental entities that have been authorized access to the information by statute or regulation and/or as described in applicable Routine Uses identified in the System of Records Notice for USDA/FSA-2, Farm Records File (Automated) and USDA/FSA-14, Applicant/Borrower. Providing the requested information is voluntary. However, failure to furnish the requested information may result in a denial of the producer's request to participate in and receive benefits under FSA programs. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0560-0175. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. The provisions of criminal and civil fraud, privacy, and other statutes may be applicable to the information provided. RETURN THIS COMPLETED FORM TO YOUR COUNTY FSA OFFICE.

							Crop/ Commodity	Variety/ Type	Share								Crop/ Commodity	Variety/ Type	Share								Crop/ Commodity	Variety/ Type	Share	
PROSPECT RANCH LLC							CORN	YEL	100.00																					
Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity							Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity									
01	CORN	YEL	GR	I	A	147.49																								

CERTIFICATION: I certify to the best of my knowledge and belief that the acreage of crops/commodities and land uses listed herein are true and correct and that all required crops/commodities and land uses have been reported for the farm as applicable. Absent any different or contrary prior subsequent certification filed by any producer for any crop for which NAP coverage has been purchased, I certify that the applicable crop, type, practice, and intended use is not planted if it is not included on the Report of Commodities for this crop year. The signing of this form gives FSA representatives authorization to enter and inspect crops/commodities and land uses on the above identified land. A signature date (the date the producer signs the FSA-578) will also be captured.

Producer's Signature (By)	Title/Relationship of Individual Signing in the Representative Capacity	Date
---------------------------	---	------

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident. Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English. To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture Office of the Assistant Secretary for Civil Rights 1400 Independence Avenue, SW Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov. USDA is an equal opportunity provider, employer, and lender.

Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	Org Stat	Nat. Sod	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date					
4403	1	BARLY	SPR	GR		I	C	N	I F	A	61.30	0.00	Yes		N	03/27/2022	01						
Producer DANIEL D WAGNER MARC ARNUSCH FARMS LLC															Share	33.33 66.67	FSA Physical Location Weld, Colorado Weld, Colorado				NAP Unit 3908	Signature Date 06/13/2022	
1		SORGH	GRS	GR		I	C	N	J	A	51.28		Yes		N	05/09/2022	01						
Producer DANIEL D WAGNER MARC ARNUSCH FARMS LLC															Share	33.33 66.67	FSA Physical Location Weld, Colorado Weld, Colorado				NAP Unit 3908	Signature Date 06/13/2022	
1		BARLY	SPR	GR		I	C	N	J	A	10.02		Yes		N	05/07/2022	01						
Producer DANIEL D WAGNER MARC ARNUSCH FARMS LLC															Share	33.33 66.67	FSA Physical Location Weld, Colorado Weld, Colorado				NAP Unit 3908	Signature Date 06/13/2022	
2		CORN	YEL	SG		I	C	N	I	A	86.19		Yes		N	05/11/2022	01						
Producer DANIEL D WAGNER MARC ARNUSCH FARMS LLC															Share	33.33 66.67	FSA Physical Location Weld, Colorado Weld, Colorado				NAP Unit 3908	Signature Date 06/13/2022	
Tract 4403 Summary																							
PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty			
01	BARLY	SPR	GR	I	A	71.32	01	CORN	YEL	SG	I	A	86.19	01	SORGH	GRS	GR	I	A	51.28			
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																							
Cropland: 147.49					Reported on Cropland: 147.49					Difference: 0.00					Reported on Non-Cropland: 0.00								

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DANIEL D WAGNER							MARC ARNUSCH FARMS LLC						
		Crop/ Commodity	Variety/ Type	Share					Crop/ Commodity	Variety/ Type	Share		
		BARLY	SPR	33.33					SORGH	GRS	33.33		
		BARLY	SPR	66.67					SORGH	GRS	66.67		

Planting Period	Crop/ Commodity	Variety/ Type	Int Use	Irr Prac	Reporting Unit	Rpt Failed	Det Failed	Rpt Exp	Det Exp	Rpt Pvt	Det Pvt	Rpt Vol	Det Vol	Rpt NA	Det NA
01	BARLY	SPR	GR	I	A	61.30	0.00								

Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity	Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity
01	BARLY	SPR	GR	I	A	10.02		01	SORGH	GRS	GR	I	A	51.28	
01	CORN	YEL	SG	I	A	86.19									

CERTIFICATION: I certify to the best of my knowledge and belief that the acreage of crops/commodities and land uses listed herein are true and correct and that all required crops/commodities and land uses have been reported for the farm as applicable. Absent any different or contrary prior subsequent certification filed by any producer for any crop for which NAP coverage has been purchased, I certify that the applicable crop, type, practice, and intended use is not planted if it is not included on the Report of Commodities for this crop year. The signing of this form gives FSA representatives authorization to enter and inspect crops/commodities and land uses on the above identified land. A signature date (the date the producer signs the FSA-578) will also be captured.

Producer's Signature (By)	Title/Relationship of Individual Signing in the Representative Capacity	Date
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In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident. Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English. To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture Office of the Assistant Secretary for Civil Rights 1400 Independence Avenue, SW Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov. USDA is an equal opportunity provider, employer, and lender.

Operator Name and Address

MARC ARNUSCH FARMS LLC

33521 COUNTY ROAD 16

KEENESBURG, CO 80643-8812

Original: JLW

Revision: _____

Cropland: 147.49

Farmland: 158.67

Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	Org Stat	Nat. Sod	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
4403	1	CORN	YEL	GR		I	C	N	I	A	61.30		Yes		N	05/17/2021	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado								NAP Unit 3908	Signature Date 06/15/2021		
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											
	2	CORN	YEL	GR		I	C	N	I	A	86.19		Yes		N	05/17/2021	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado								NAP Unit 3908	Signature Date 06/15/2021		
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											

Tract 4403 Summary

PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty
01	CORN	YEL	GR	I	A	147.49														
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																				
Cropland: 147.49						Reported on Cropland: 147.49						Difference: 0.00				Reported on Non-Cropland: 0.00				

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			Crop/ Commodity	Variety/ Type	Share				Crop/ Commodity	Variety/ Type	Share				Crop/ Commodity	Variety/ Type	Share
DANIEL D WAGNER			CORN	YEL	33.33												
MARC ARNUSCH FARMS LLC			CORN	YEL	66.67												

Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity	Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity
01	CORN	YEL	GR	I	A	147.49									

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Producer's Signature (By)	Title/Relationship of Individual Signing in the Representative Capacity	Date
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Operator Name and Address

MARC ARNUSCH FARMS LLC

33521 COUNTY ROAD 16

KEENESBURG, CO 80643-8812

Original: JLW

Revision: _____

Cropland: 147.49

Farmland: 158.67

Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	Org Stat	Nat. Sod	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
4403	1	CORN	YEL	GR		I	C	N	I	A	61.30		Yes		N	05/02/2020	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado								NAP Unit 3908	Signature Date 06/24/2020		
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											
	2	CORN	YEL	GR		I	C	N	I	A	86.19		Yes		N	05/08/2020	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado								NAP Unit 3908	Signature Date 06/24/2020		
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											

Tract 4403 Summary

PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty
01	CORN	YEL	GR	I	A	147.49														
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																				
Cropland: 147.49						Reported on Cropland: 147.49						Difference: 0.00				Reported on Non-Cropland: 0.00				

Operator Name and Address

MARC ARNUSCH FARMS LLC

33521 COUNTY ROAD 16

KEENESBURG, CO 80643-8812

Original: JLW

Revision: _____

Cropland: 147.49

Farmland: 158.67

NOTE: The following statement is made in accordance with the Privacy Act of 1974 (5 USC 552a – as amended). The authority for requesting the information identified on this form is 7 CFR Part 718, the Farm Security and Rural Investment Act of 2002 (Pub L. 107-171), and the Agricultural Act of 2014 (Pub. L. 113-79). The information will be used to collect producer certification of the report of acreage of crops/commodities and land use data which is needed in order to determine producer eligibility to participate in and receive benefits under FSA programs. The information collected on the form may be disclosed to other Federal, State, Local government agencies, Tribal agencies, and nongovernmental entities that have been authorized access to the information by statute or regulation and/or as described in applicable Routine Uses identified in the System of Records Notice for USDA/FSA-2, Farm Records File (Automated) and USDA/FSA-14, Applicant/Borrower. Providing the requested information is voluntary. However, failure to furnish the requested information may result in a denial of the producer's request to participate in and receive benefits under FSA programs. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0560-0175. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. The provisions of criminal and civil fraud, privacy, and other statutes may be applicable to the information provided. RETURN THIS COMPLETED FORM TO YOUR COUNTY FSA OFFICE.

			Crop/ Commodity	Variety/ Type	Share				Crop/ Commodity	Variety/ Type	Share				Crop/ Commodity	Variety/ Type	Share
DANIEL D WAGNER			CORN	YEL	33.33												
MARC ARNUSCH FARMS LLC			CORN	YEL	66.67												
Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity	Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity		
01	CORN	YEL	GR	I	A	147.49											

CERTIFICATION: I certify to the best of my knowledge and belief that the acreage of crops/commodities and land uses listed herein are true and correct and that all required crops/commodities and land uses have been reported for the farm as applicable. Absent any different or contrary prior subsequent certification filed by any producer for any crop for which NAP coverage has been purchased, I certify that the applicable crop, type, practice, and intended use is not planted if it is not included on the Report of Commodities for this crop year. The signing of this form gives FSA representatives authorization to enter and inspect crops/commodities and land uses on the above identified land. A signature date (the date the producer signs the FSA-578) will also be captured.

Producer's Signature (By)	Title/Relationship of Individual Signing in the Representative Capacity	Date
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In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident. Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English. To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture Office of the Assistant Secretary for Civil Rights 1400 Independence Avenue, SW Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov. USDA is an equal opportunity provider, employer, and lender.

Operator Name and Address

MARC ARNUSCH FARMS LLC

33521 COUNTY ROAD 16

KEENESBURG, CO 80643-8812

Original: JLW

Revision: _____

Cropland: 147.49

Farmland: 158.67

Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	Org Stat	Nat. Sod	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
4403	1A	CORN	YEL	GR		I	C	N	I	A	41.30		Yes		N	05/08/2019	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado								NAP Unit 3908	Signature Date 07/23/2019		
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											
1B	BARLY	SPR	GR			I	C	N	I	A	20.00		Yes		N	04/11/2019	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado								NAP Unit 3908	Signature Date 07/23/2019		
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											
2	CORN	YEL	GR			I	C	N	I	A	86.19		Yes		N	05/08/2019	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado								NAP Unit 3908	Signature Date 07/23/2019		
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											

Tract 4403 Summary

PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty			
01	BARLY	SPR	GR	I	A	20.00	01	CORN	YEL	GR	I	A	127.49										
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																							
Cropland: 147.49						Reported on Cropland: 147.49						Difference: 0.00						Reported on Non-Cropland: 0.00					

NOTE: The following statement is made in accordance with the Privacy Act of 1974 (5 USC 552a – as amended). The authority for requesting the information identified on this form is 7 CFR Part 718, the Farm Security and Rural Investment Act of 2002 (Pub L. 107-171), and the Agricultural Act of 2014 (Pub. L. 113-79). The information will be used to collect producer certification of the report of acreage of crops/commodities and land use data which is needed in order to determine producer eligibility to participate in and receive benefits under FSA programs. The information collected on the form may be disclosed to other Federal, State, Local government agencies, Tribal agencies, and nongovernmental entities that have been authorized access to the information by statute or regulation and/or as described in applicable Routine Uses identified in the System of Records Notice for USDA/FSA-2, Farm Records File (Automated) and USDA/FSA-14, Applicant/Borrower. Providing the requested information is voluntary. However, failure to furnish the requested information may result in a denial of the producer's request to participate in and receive benefits under FSA programs. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0560-0175. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. The provisions of criminal and civil fraud, privacy, and other statutes may be applicable to the information provided. RETURN THIS COMPLETED FORM TO YOUR COUNTY FSA OFFICE.

				Crop/ Commodity	Variety/ Type	Share		Crop/ Commodity	Variety/ Type	Share					
DANIEL D WAGNER				BARLY	SPR	33.33		CORN	YEL	33.33					
MARC ARNUSCH FARMS LLC				BARLY	SPR	66.67		CORN	YEL	66.67					
Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity	Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity
01	BARLY	SPR	GR	I	A	20.00		01	CORN	YEL	GR	I	A	127.49	

CERTIFICATION: I certify to the best of my knowledge and belief that the acreage of crops/commodities and land uses listed herein are true and correct and that all required crops/commodities and land uses have been reported for the farm as applicable. Absent any different or contrary prior subsequent certification filed by any producer for any crop for which NAP coverage has been purchased, I certify that the applicable crop, type, practice, and intended use is not planted if it is not included on the Report of Commodities for this crop year. The signing of this form gives FSA representatives authorization to enter and inspect crops/commodities and land uses on the above identified land. A signature date (the date the producer signs the FSA-578) will also be captured.

Producer's Signature (By)	Title/Relationship of Individual Signing in the Representative Capacity	Date
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Operator Name and Address

MARC ARNUSCH FARMS LLC

33521 COUNTY ROAD 16

KEENESBURG, CO 80643-8812

Original: _____

Revision: _____

Cropland: 147.49

Farmland: 158.67

Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	Org Stat	Nat. Sod	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
4403	1	CORN	YEL	GR		I	C	N	I	A	41.30		Yes		N	04/25/2018	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado								NAP Unit 3908	Signature Date 06/29/2018		
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											
1B		BARLY	SPR	GR		I	C	N	I	A	20.00		Yes		N	03/21/2018	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado								NAP Unit 3908	Signature Date 06/29/2018		
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											
2		CORN	YEL	GR		I	C	N	I	A	86.19		Yes		N	04/24/2018	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado								NAP Unit 3908	Signature Date 06/29/2018		
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											

Tract 4403 Summary

PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty			
01	BARLY	SPR	GR	I	A	20.00	01	CORN	YEL	GR	I	A	127.49										
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																							
Cropland: 147.49						Reported on Cropland: 147.49						Difference: 0.00						Reported on Non-Cropland: 0.00					

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								Crop/ Commodity	Variety/ Type	Share									Crop/ Commodity	Variety/ Type	Share									Crop/ Commodity	Variety/ Type	Share
DANIEL D WAGNER								BARLY	SPR	33.33									CORN	YEL	33.33											
MARC ARNUSCH FARMS LLC								BARLY	SPR	66.67									CORN	YEL	66.67											
Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity		Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity																
01	BARLY	SPR	GR	I	A	20.00			01	CORN	YEL	GR	I	A	127.49																	

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Producer's Signature (By)	Title/Relationship of Individual Signing in the Representative Capacity	Date
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Operator Name and Address

MARC ARNUSCH FARMS LLC

33521 COUNTY ROAD 16

KEENESBURG, CO 80643-8812

Original: _____

Revision: _____

Cropland: 147.49

Farmland: 158.67

Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	Org Stat	Nat. Sod	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
4403	1	SBEET		PR		I	C	N	I	A	58.30		Yes		N	04/18/2017	01	
Producer DANIEL D WAGNER					Share	25.00	FSA Physical Location Weld, Colorado									NAP Unit 3908	Signature Date 07/11/2017	
MARC ARNUSCH FARMS LLC						75.00	Weld, Colorado											
	2	CORN	YEL	GR		I	C	N	I	A	85.11		Yes		N	05/12/2017	01	
Producer DANIEL D WAGNER					Share	33.33	FSA Physical Location Weld, Colorado									NAP Unit 3908	Signature Date 07/11/2017	
MARC ARNUSCH FARMS LLC						66.67	Weld, Colorado											

Tract 4403 Summary

PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty
01	SBEET		PR	I	A	58.30	01	CORN	YEL	GR	I	A	85.11							
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																				
Cropland: 147.49						Reported on Cropland: 143.41						Difference: -4.08						Reported on Non-Cropland: 0.00		

Note: All cropland has not been reported.

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				Crop/ Commodity	Variety/ Type	Share		Crop/ Commodity	Variety/ Type	Share								
DANIEL D WAGNER				SBEET		25.00		CORN	YEL	33.33								
MARC ARNUSCH FARMS LLC				SBEET		75.00		CORN	YEL	66.67								
Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity		Determined Quantity		Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity		Determined Quantity
01	CORN	YEL	GR	I	A	85.11				01	SBEET		PR	I	A	58.30		

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Producer's Signature (By)	Title/Relationship of Individual Signing in the Representative Capacity	Date
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Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	Org Stat	Nat. Sod	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
4403	1	CORN	YEL	GR		I	C	N	I	A	61.30		Yes		N	05/05/2016	01	
Producer DANIEL D WAGNER					Share	33.33				RMA Unit					NAP Unit 3908	Signature Date 07/27/2016		
MARC ARNUSCH FARMS LLC						66.67												
	2	CORN	YEL	GR		I	C	N	I	A	86.19		Yes		N	05/05/2016	01	
Producer DANIEL D WAGNER					Share	33.33				RMA Unit					NAP Unit 3908	Signature Date 07/27/2016		
MARC ARNUSCH FARMS LLC						66.67												

Tract 4403 Summary

PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty
01	CORN	YEL	GR	I	A	147.49														
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																				
Cropland: 147.49						Reported on Cropland: 147.49						Difference: 0.00				Reported on Non-Cropland: 0.00				

Operator Name and Address

MARC ARNUSCH FARMS LLC

33521 COUNTY ROAD 16

KEENESBURG, CO 80643-8812

Original: _____

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Cropland: 147.49

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			Crop/ Commodity	Variety/ Type	Share				Crop/ Commodity	Variety/ Type	Share				Crop/ Commodity	Variety/ Type	Share
DANIEL D WAGNER			CORN	YEL	33.33												
MARC ARNUSCH FARMS LLC			CORN	YEL	66.67												
Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity	Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity		
01	CORN	YEL	GR	I	A	147.49											

CERTIFICATION: I certify to the best of my knowledge and belief that the acreage of crops/commodities and land uses listed herein are true and correct and that all required crops/commodities and land uses have been reported for the farm as applicable. Absent any different or contrary prior subsequent certification filed by any producer for any crop for which NAP coverage has been purchased, I certify that the applicable crop, type, practice, and intended use is not planted if it is not included on the Report of Commodities for this crop year. The signing of this form gives FSA representatives authorization to enter and inspect crops/commodities and land uses on the above identified land. A signature date (the date the producer signs the FSA-578) will also be captured.

Producer's Signature (By)	Title/Relationship of Individual Signing in the Representative Capacity	Date
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In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident. Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English. To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by: (1) mail: U.S. Department of Agriculture Office of the Assistant Secretary for Civil Rights 1400 Independence Avenue, SW Washington, D.C. 20250-9410; (2) fax: (202) 690-7442; or (3) email: program.intake@usda.gov. USDA is an equal opportunity provider, employer, and lender.

Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	Org Stat	Nat. Sod	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
4403	1	CORN	YEL	GR		I	C	N	I	A	61.30		Yes		N	04/24/2015	01	
Producer DANIEL D WAGNER					Share	33.33				RMA Unit					NAP Unit 3908	Signature Date 06/17/2015		
MARC ARNUSCH FARMS LLC						66.67												
	2	SBEET		PR		I	C	N	I	A	86.19		Yes		N	04/06/2014	01	
Producer DANIEL D WAGNER					Share	25.00				RMA Unit					NAP Unit 3908	Signature Date 06/17/2015		
MARC ARNUSCH FARMS LLC						75.00												

Tract 4403 Summary

PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty			
01	CORN	YEL	GR	I	A	61.30	01	SBEET		PR	I	A	86.19										
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																							
Cropland: 147.49						Reported on Cropland: 147.49						Difference: 0.00						Reported on Non-Cropland: 0.00					

NOTE: The following statement is made in accordance with the Privacy Act of 1974 (5 USC 552a – as amended). The authority for requesting the information identified on this form is 7 CFR Part 718, the Farm Security and Rural Investment Act of 2002 (Pub L. 107-171), and the Agricultural Act of 2014 (Pub. L. 113-79). The information will be used to collect producer certification of the report of acreage of crops/commodities and land use data which is needed in order to determine producer eligibility to participate in and receive benefits under FSA programs. The information collected on the form may be disclosed to other Federal, State, Local government agencies, Tribal agencies, and nongovernmental entities that have been authorized access to the information by statute or regulation and/or as described in applicable Routine Uses identified in the System of Records Notice for USDA/FSA-2, Farm Records File (Automated) and USDA/FSA-14, Applicant/Borrower. Providing the requested information is voluntary. However, failure to furnish the requested information may result in a denial of the producer's request to participate in and receive benefits under FSA programs. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0560-0175. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. The provisions of criminal and civil fraud, privacy, and other statutes may be applicable to the information provided. RETURN THIS COMPLETED FORM TO YOUR COUNTY FSA OFFICE.

		Crop/ Commodity	Variety/ Type	Share	Crop/ Commodity	Variety/ Type	Share			Crop/ Commodity	Variety/ Type	Share	Crop/ Commodity	Variety/ Type	Share
DANIEL D WAGNER		SBEET		25.00	CORN	YEL	33.33								
MARC ARNUSCH FARMS LLC		SBEET		75.00	CORN	YEL	66.67								
Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity	Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity
01	CORN	YEL	GR	I	A	61.30		01	SBEET		PR	I	A	86.19	

CERTIFICATION: I certify to the best of my knowledge and belief that the acreage of crops/commodities and land uses listed herein are true and correct and that all required crops/commodities and land uses have been reported for the farm as applicable. Absent any different or contrary prior subsequent certification filed by any producer for any crop for which NAP coverage has been purchased, I certify that the applicable crop, type, practice, and intended use is not planted if it is not included on the Report of Commodities for this crop year. The signing of this form gives FSA representatives authorization to enter and inspect crops/commodities and land uses on the above identified land. A signature date (the date the producer signs the FSA-578) will also be captured.

Producer's Signature (By)	Title/Relationship of Individual Signing in the Representative Capacity	Date
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Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
4403	1	CORN	YEL	GR		I	I	A	61.30		Yes		N	05/01/2014	01	
Producer DANIEL D WAGNER					Share	33.33	RMA Unit						NAP Unit 3908	Signature Date 06/25/2014		
MARC ARNUSCH FARMS LLC						66.67										
	2	CORN	YEL	GR		I	I	A	86.19		Yes		N	05/01/2014	01	
Producer DANIEL D WAGNER					Share	33.33	RMA Unit						NAP Unit 3908	Signature Date 06/25/2014		
MARC ARNUSCH FARMS LLC						66.67										

Tract 4403 Summary

PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty
01	CORN	YEL	GR	I	A	147.49														
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																				
Cropland: 147.49					Reported on Cropland: 147.49					Difference: 0.00					Reported on Non-Cropland: 0.00					

Tract Number	CLU/Field	Crop/Commodity	Var/Type	Int Use	Act Use	Irr. Pr.	C/C Stat	Rpt Unit	Rpt Qty	Det Qty	Crop Land	Field ID	Official/Measured	Planting Date	Planting Period	End Date
4403	1A	SBEET		PR		I	I F	A	34.00		Yes		N	05/07/2013	01	
	Producer DANIEL D WAGNER				Share	25.00	RMA Unit						NAP Unit 3908		Signature Date 06/06/2013	
	MARC ARNUSCH FARMS LLC					75.00										
	1A	CORN	YEL	GR		I	M	A	34.00		Yes		N	05/26/2013	01	
	Producer DANIEL D WAGNER				Share	33.33	RMA Unit						NAP Unit 3908		Signature Date 06/06/2013	
	MARC ARNUSCH FARMS LLC					66.67										
	1B	CORN	YEL	GR		I	I	A	24.00		Yes		N	05/13/2013	01	
	Producer DANIEL D WAGNER				Share	33.33	RMA Unit						NAP Unit 3908		Signature Date 06/06/2013	
	MARC ARNUSCH FARMS LLC					66.67										
	2A	CORN	YEL	GR		I	I	A	44.00		Yes		N	05/13/2013	01	
	Producer DANIEL D WAGNER				Share	33.33	RMA Unit						NAP Unit 3908		Signature Date 06/06/2013	
	MARC ARNUSCH FARMS LLC					66.67										
	2B	SNFLR	NON	GR		I	I	A	41.00		Yes		N	05/29/2013	01	
	Producer DANIEL D WAGNER				Share	33.33	RMA Unit						NAP Unit 3908		Signature Date 06/06/2013	
	MARC ARNUSCH FARMS LLC					66.67										
	2C	CORN	YEL	GR		I	I P	A	3.00		Yes		N		01	
	Producer DANIEL D WAGNER				Share	33.33	RMA Unit						NAP Unit 3908		Signature Date 06/06/2013	
	MARC ARNUSCH FARMS LLC					66.67										

Tract 4403 Summary

PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty	PP	Cr/Co	Var/Type	Int Use	Irr Pr	Rpt Unit	Rpt Qty
01	CORN	YEL	GR	I	A	105.00	01	SNFLR	NON	GR	I	A	41.00	01	SBEET		PR	I	A	34.00
Photo Number/Legal Description: NW¼ 27-2-63 Q31/4																				
Cropland: 147.49						Reported on Cropland: 146.00						Difference: -1.49				Reported on Non-Cropland: 0.00				

Note: All cropland has not been reported.

NOTE: The authority for collecting the following information is Pub.L 107-76. This authority allows for the collection of information without prior OMB approval mandated by the Paperwork Reduction Act of 1995. The data will be used to determine eligibility for assistance. Furnishing the data is voluntary, however, without it assistance cannot be provided. The data may be furnished to any agency responsible for enforcing the provisions of the Act.

						Crop/ Commodity	Variety/ Type	Share							Crop/ Commodity	Variety/ Type	Share							Crop/ Commodity	Variety/ Type	Share
DANIEL D WAGNER						SBEET		25.00							SNFLR	NON	33.33							CORN	YEL	33.33
MARC ARNUSCH FARMS LLC						SBEET		75.00							SNFLR	NON	66.67							CORN	YEL	66.67
Planting Period	Crop/ Commodity	Variety/ Type	Int Use	Irr Prac	Reporting Unit				Rpt Exp	Det Exp	Rpt Pvt	Det Pvt	Rpt Vol	Det Vol	Rpt NA	Det NA										
01	CORN	YEL	GR	I	A						3.00															
Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity			Planting Period	Crop/ Commodity	Variety/ Type	Intended Use	Irrigation Practice	Reporting Unit	Reported Quantity	Determined Quantity									
01	SBEET		PR	I	A	34.00				01	CORN	YEL	GR	I	A	102.00										
01	SNFLR	NON	GR	I	A	41.00																				

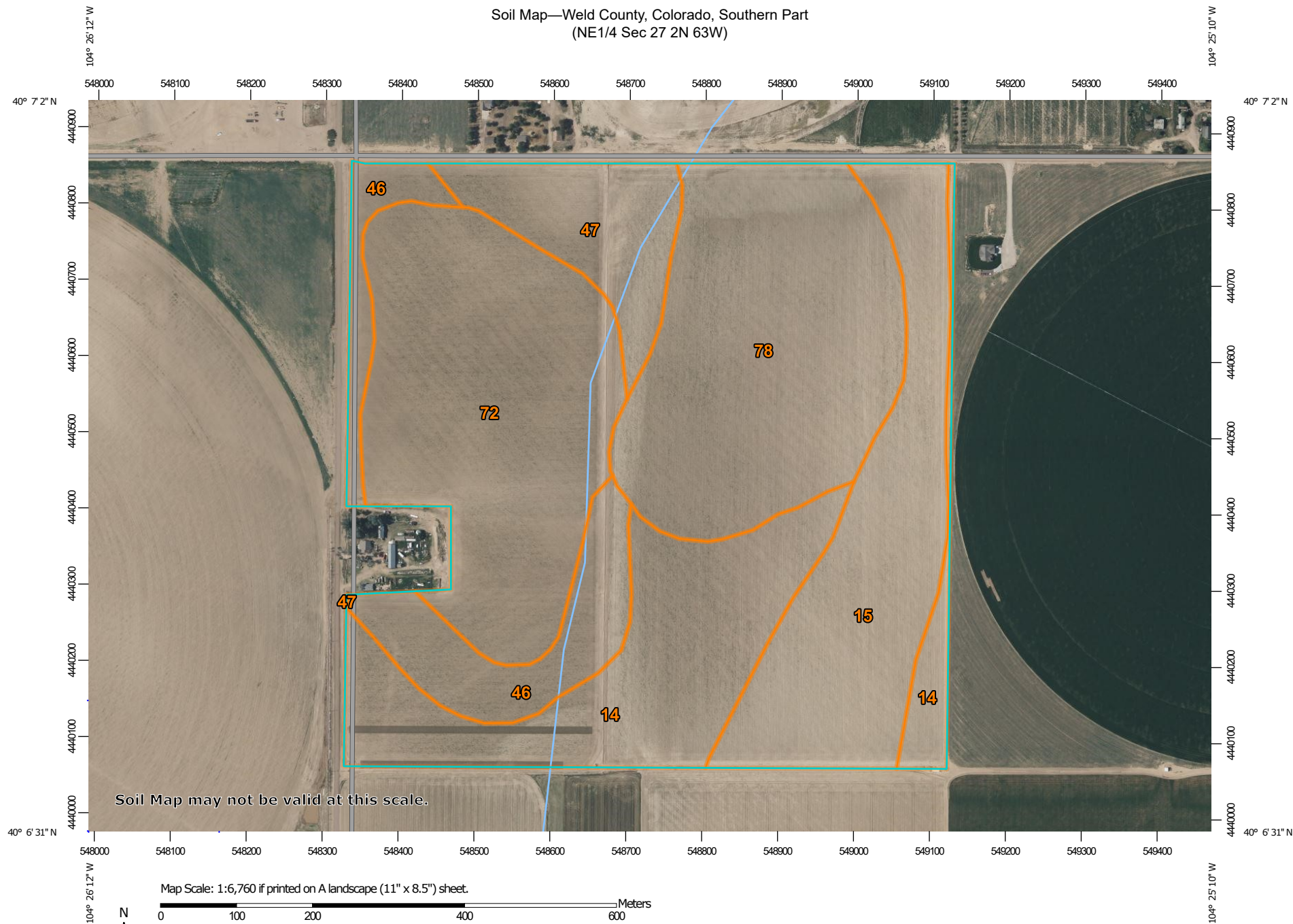
CERTIFICATION: I certify to the best of my knowledge and belief that the acreage of crops/commodities and land uses listed herein are true and correct and that all required crops/commodities and land uses have been reported for the farm as applicable. Absent any different or contrary prior subsequent certification filed by any producer for any crop for which NAP coverage has been purchased, I certify that the applicable crop, type, practice, and intended use is not planted if it is not included on the Report of Commodities for this crop year. The signing of this form gives FSA representatives authorization to enter and inspect crops/commodities and land uses on the above identified land. A signature date (the date the producer signs the FSA-578) will also be captured.

Producer's Signature (By)	Title/Relationship of Individual Signing in the Representative Capacity	Date
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This program or activity will be conducted on a nondiscriminatory basis without regard to race, color, religion, national origin, sex, age, marital status, or disability.

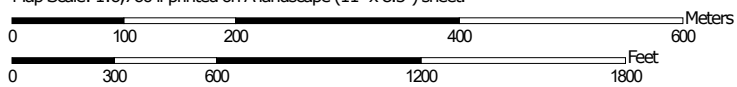
NRCS Soil Survey

Soil Map—Weld County, Colorado, Southern Part
(NE1/4 Sec 27 2N 63W)



Soil Map may not be valid at this scale.

Map Scale: 1:6,760 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84



**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

9/13/2023
Page 1 of 3

Soil Map—Weld County, Colorado, Southern Part
(NE1/4 Sec 27 2N 63W)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Weld County, Colorado, Southern Part

Survey Area Data: Version 21, Sep 1, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 8, 2021—Jun 12, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
14	Colby loam, 0 to 1 percent slopes	28.0	18.4%
15	Colby loam, 1 to 3 percent slopes	26.2	17.2%
46	Olney fine sandy loam, 0 to 1 percent slopes	14.3	9.4%
47	Olney fine sandy loam, 1 to 3 percent slopes	10.7	7.0%
72	Vona loamy sand, 0 to 3 percent slopes	37.3	24.5%
78	Weld loam, 0 to 1 percent slopes	36.0	23.6%
Totals for Area of Interest		152.4	100.0%

MCREA Records

Location: 0263277700

Address: IRRIG PUMP IN YARD

Billing Period	KWH	Revenue
March 2013	0	57.23
April 2013	0	57.23
May 2013	0	57.23
June 2013	591	238.07
July 2013	3,552	387.51
August 2013	3,369	357.61
September 2013	510	123.71
April 2014	0	75.00
May 2014	0	75.00
June 2014	0	75.00
July 2014	0	75.00
August 2014	0	75.00
September 2014	0	75.00
April 2015	0	75.00
May 2015	0	75.00
June 2015	1,320	380.18
July 2015	7,581	923.85
August 2015	8,239	966.04
September 2015	6	76.39
April 2016	0	100.00
May 2016	0	100.00
June 2016	0	100.00
July 2016	2,724	534.68
August 2016	5,080	706.35
September 2016	0	100.00
April 2017	0	100.00
May 2017	0	100.00
June 2017	3,376	582.77
July 2017	6,560	805.42
August 2017	5,289	711.38
September 2017	2,916	540.66
April 2018	753	378.61
May 2018	1,857	462.09
June 2018	4,136	625.84
July 2018	5,430	714.12
August 2018	5,059	686.83
September 2018	97	135.89
April 2019	0	100.00
May 2019	0	100.00
June 2019	1,506	454.80
July 2019	3,765	593.49
August 2019	5,720	730.96
September 2019	0	100.00
April 2020	0	100.00
May 2020	0	100.00
June 2020	1,126	406.23
July 2020	6,269	768.93
August 2020	2,547	509.76
September 2020	0	100.00
April 2021	0	100.00
May 2021	0	100.00
June 2021	0	100.00
July 2021	6,066	741.58

August 2021	5,988	738.26
September 2021	368	236.16
April 2022	0	100.00
May 2022	0	100.00
June 2022	0	100.00
July 2022	8,804	918.01
August 2022	3,943	583.76
September 2022	1,604	370.80
April 2023	0	100.00
May 2023	0	100.00
June 2023	0	100.00
July 2023	2,504	484.35
Grand Total:	118,655	\$ 20,746.78

PARAMETERS ENTERED

Srv Map Loc: 0263277700

Billing Period From: 201301 **To:** 202308

Location: 0263277900

Address: MIDDLE IRRIG PUMP

Billing Period	KWH	Revenue
March 2013	0	106.70
April 2013	0	106.70
May 2013	0	106.70
June 2013	5,595	763.32
July 2013	12,555	1,161.29
August 2013	13,788	1,231.96
September 2013	4,084	567.03
April 2014	0	75.00
May 2014	0	75.00
June 2014	3,608	649.99
July 2014	8,696	1,031.18
August 2014	8,624	1,023.48
September 2014	2,194	539.24
April 2015	0	75.00
May 2015	0	75.00
June 2015	4,874	777.00
July 2015	15,022	1,600.00
August 2015	15,746	1,658.44
September 2015	5,105	801.78
April 2016	0	100.00
May 2016	0	100.00
June 2016	2,731	635.92
July 2016	11,095	1,224.25
August 2016	12,965	1,355.76
September 2016	0	100.00
April 2017	0	100.00
May 2017	0	100.00
June 2017	5,201	805.88
July 2017	10,710	1,196.15
August 2017	12,573	1,324.22
September 2017	8,794	1,056.62
April 2018	0	100.00
May 2018	2,781	641.21
June 2018	5,349	822.27
July 2018	9,790	1,131.40
August 2018	9,622	1,115.24
September 2018	139	151.43
April 2019	0	100.00
May 2019	0	100.00
June 2019	2,250	595.84
July 2019	7,872	991.71
August 2019	6,764	917.69
September 2019	0	100.00
April 2020	0	100.00
May 2020	0	100.00
June 2020	2,876	647.16
July 2020	12,194	1,300.41
August 2020	9,347	1,103.36
September 2020	1,853	564.73
April 2021	0	100.00
May 2021	0	100.00
June 2021	2,911	650.12
July 2021	12,760	1,339.26

August 2021	9,674	1,117.02
September 2021	6	102.22
April 2022	0	100.00
May 2022	0	100.00
June 2022	2,031	576.20
July 2022	14,641	1,428.61
August 2022	7,339	924.49
September 2022	3,204	641.34
April 2023	0	100.00
May 2023	0	100.00
June 2023	0	100.00
July 2023	5,449	796.37
Grand Total:	292,812	\$ 39,381.69

PARAMETERS ENTERED

Srv Map Loc: 0263277900

Billing Period From: 201301 **To:** 202308

Location: 0263277800

Address: EAST IRRIGATION PUMP

Billing Period	KWH	Revenue
March 2013	0	125.55
April 2013	0	125.55
May 2013	0	125.55
June 2013	0	125.55
July 2013	12,918	1,244.85
August 2013	15,978	1,420.83
September 2013	6,002	720.69
October 2013	4	0.23
April 2014	0	75.00
May 2014	0	75.00
June 2014	3,390	692.31
July 2014	10,843	1,217.43
August 2014	11,411	1,258.01
September 2014	3,530	670.35
April 2015	0	75.00
May 2015	0	75.00
June 2015	1,918	518.44
July 2015	10,206	1,232.05
August 2015	11,786	1,359.86
September 2015	12,029	1,377.75
April 2016	0	100.00
May 2016	0	100.00
June 2016	1,627	587.52
July 2016	10,892	1,251.74
August 2016	4,607	787.29
September 2016	3,418	704.06
April 2017	0	100.00
May 2017	0	100.00
June 2017	5,875	889.95
July 2017	9,647	1,151.31
August 2017	10,307	1,192.05
September 2017	0	100.00
April 2018	0	100.00
May 2018	0	100.00
June 2018	4,128	763.06
July 2018	13,034	1,395.61
August 2018	8,702	1,079.78
September 2018	0	100.00
April 2019	0	100.00
May 2019	0	100.00
June 2019	0	100.00
July 2019	10,527	1,208.04
August 2019	7,885	1,025.69
September 2019	1,789	595.02
January 2020	8	2.96
February 2020	1	0.37
April 2020	0	100.00
May 2020	0	100.00
June 2020	3,369	774.82
July 2020	5,737	944.53
August 2020	5,821	949.18
September 2020	0	100.00
April 2021	0	100.00

May 2021	0	100.00
June 2021	4,394	852.76
July 2021	13,449	1,491.05
August 2021	15,950	1,665.20
September 2021	1,807	674.84
April 2022	0	100.00
May 2022	0	100.00
June 2022	829	404.91
July 2022	11,686	1,340.52
August 2022	15,392	1,592.86
September 2022	5,792	943.53
April 2023	0	100.00
May 2023	0	100.00
June 2023	0	100.00
July 2023	7,324	1,045.74
Grand Total:	284,012	\$ 39,929.39

PARAMETERS ENTERED

Srv Map Loc: 0263277800

Billing Period From: 201301 **To:** 202308