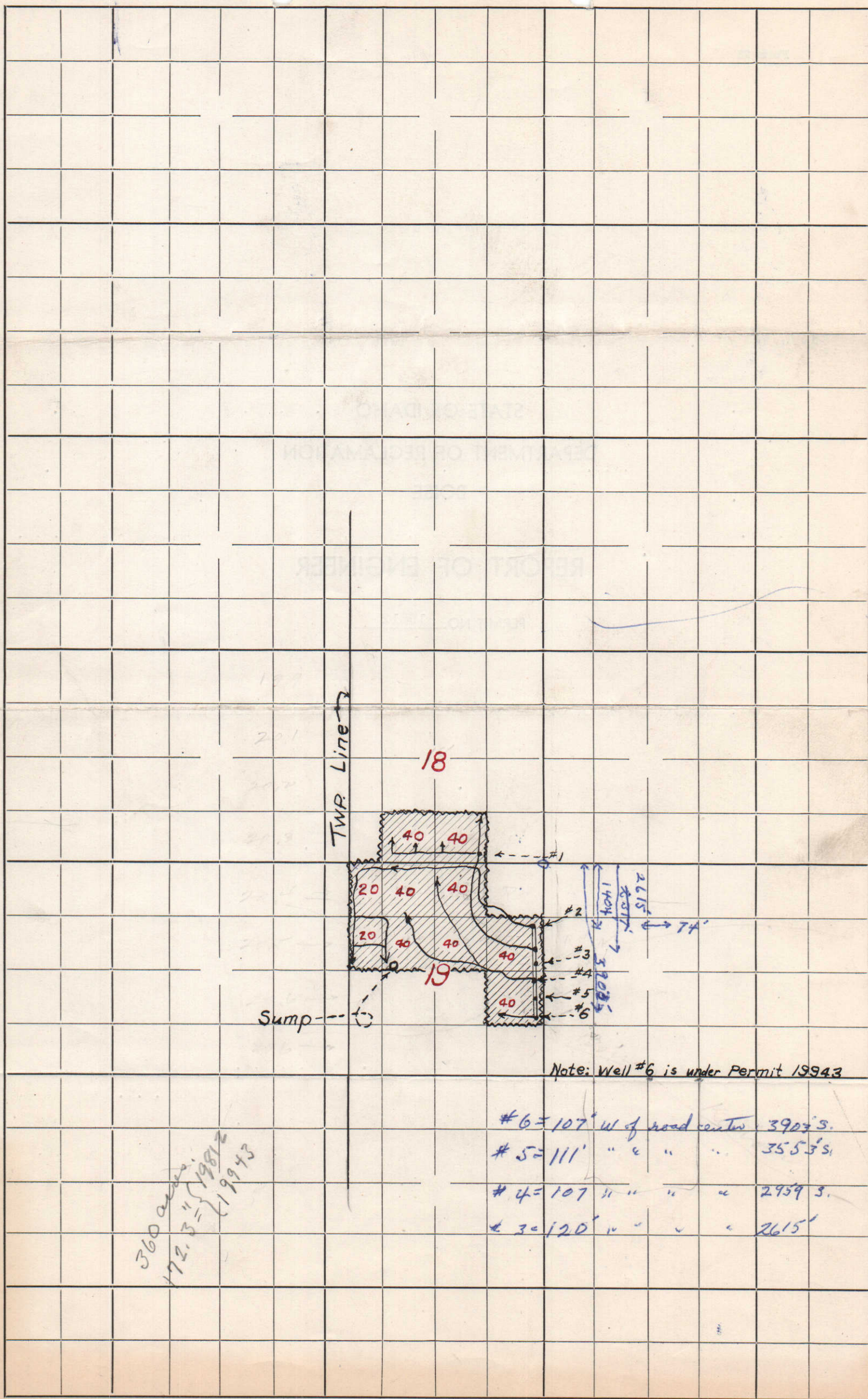
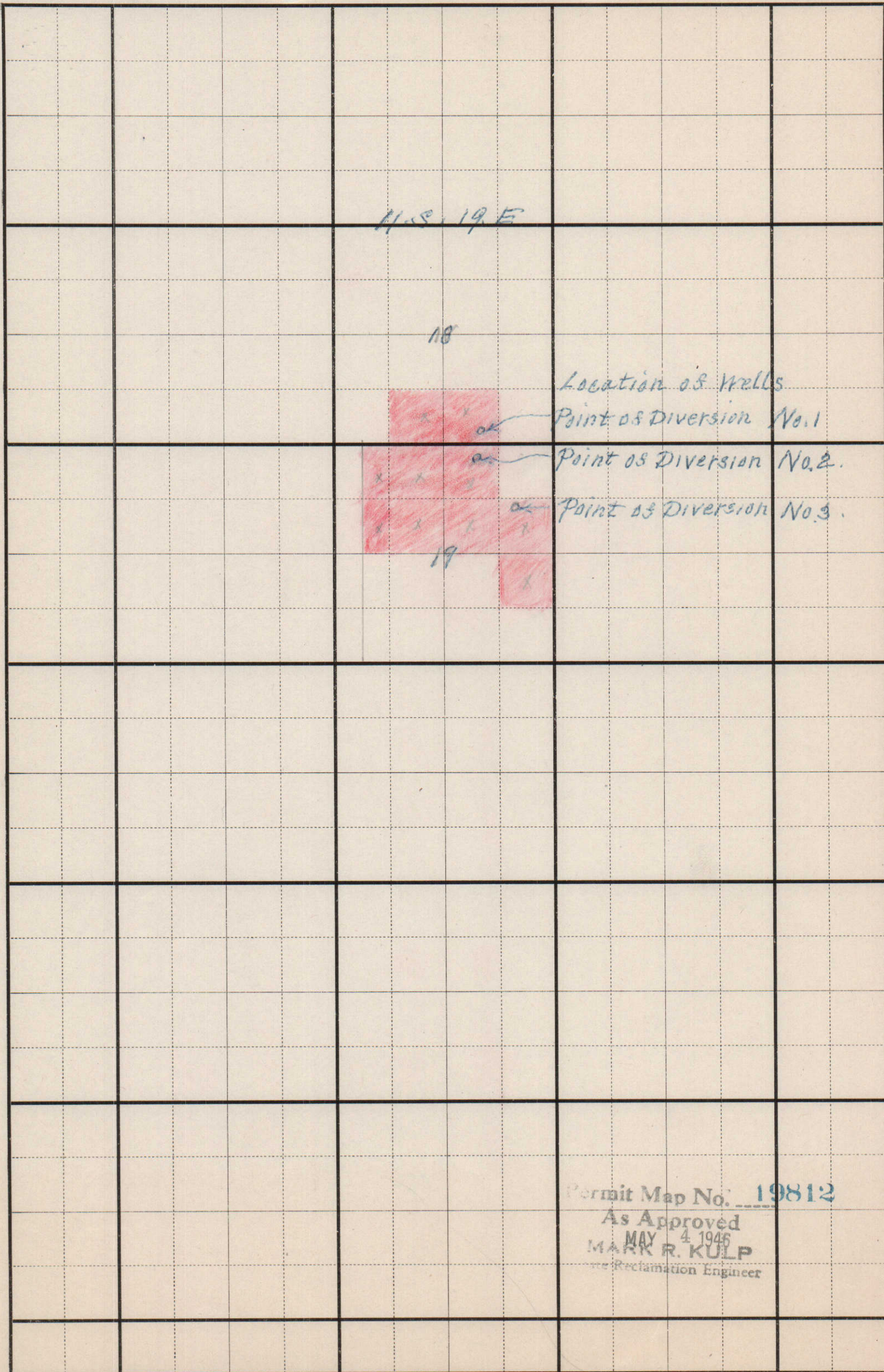






APPLICATION FOR PERMIT To Appropriate the Public Waters of the State of Idaho

Application No. 27354
Permit No. 19812
District No.

1. Name of Applicant: W. B. SAVAGE

Postoffice address: Kimberly County: Twin Falls State: Idaho

I. If applicant is a corporation, give:

- (a) Date and place of incorporation:
- (b) Amount of capital stock:
- (c) Amount paid in:
- (d) Names and addresses of directors:

II. The financial resources of the applicant are:

- (a) Cash on hand:
- (b) Treasury stock:
- (c) Bonds to be issued:
- (d) Other resources:

2. Quantity of water claimed: Six (6) cubic feet per second.

3. Source of water supply: Subterranean flow (3 pumped wells) which is a tributary of -

4. Location of point of diversion: feet distant from the
corner of Section , T. , R. , B. M., and is in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19, and SW $\frac{1}{4}$ SE $\frac{1}{4}$
of Section 18 , T. 11 S. , R. 19 E. , B. M., County of Twin Falls

5. Water is to be used for Irrigation and domestic purposes

6. If for mining, milling, power or manufacturing purposes, give:

- (a) Point of use of water: feet distant from corner of Section
T. , R. , B. M., in the of Section , T. , R. , B. M.
- (b) Amount of power generated: H. P., under feet head.
- (c) Water is to be returned to at a point feet
distant from the corner of Section , T. , R. , B. M., in the
of Section , T. , R. , B. M.

7. Estimated cost of works: \$ 7,000.00

8. Kind of works: Drilled wells, pumps and ditches

9. Height of dam feet; length of dam at top feet; length of dam at bottom
feet; material used in dam:

10. Size of headgate: Width feet; height feet;

11. Ditch: Width at bottom 2 $\frac{1}{2}$ feet; width at water line 4 feet; depth of water 1 feet;
dimensions of flume:
Diameter of pipe inches; length of conduit 2 miles.
Average grade per mile 5.28 feet.

12. The time required for the completion of such work is Five (5) years.

13. The time required for the complete application of the water to the proposed use is Six (6) additional years.

14. The land to be irrigated is described in the following tabulation: See remarks.

Twp.	Range	Sec.	NE ¹ / ₄				NW ¹ / ₄				SW ¹ / ₄				SE ¹ / ₄				Totals	
			NE ¹ / ₄	NW ¹ / ₄	SW ¹ / ₄	SE ¹ / ₄	NE ¹ / ₄	NW ¹ / ₄	SW ¹ / ₄	SE ¹ / ₄	NE ¹ / ₄	NW ¹ / ₄	SW ¹ / ₄	SE ¹ / ₄	NE ¹ / ₄	NW ¹ / ₄	SW ¹ / ₄	SE ¹ / ₄		
11 S.	19 E.	18																80		
		19	40	40	40	40	20	20	40					40				280		
			Total Number of Acres to be Irrigated												-	-	-	-	-	360
14-A:	Existing water rights and/or valid permits appurtenant to the lands to be irrigated are--None.																			

State of Idaho

License and Certificate of Water Right

Water License No. 19812

Amount 2.4 second feet

Water District No. _____

Priority April 25 1946

THIS IS TO CERTIFY that **W. B. SAVAGE**

of **Kimberly, Idaho**, made application for a permit to appropriate the public waters of the State of Idaho, dated **April 25, 1946**; that Permit No. **19812** was issued under said application; that Certificate of Completion of works, with a carrying capacity of **5.2** second feet, was issued thereunder on **July 25, 1947**, showing that said works were completed on the **23rd** day of **July 1947**; and that on the **22nd** day of **March 1949**,

W. B. SAVAGE

of **Kimberly**, State of **Idaho**, made proof to the satisfaction of the State Reclamation Engineer of Idaho, of the right to use the waters of **subterranean flow** **from five wells**, for the purpose of irrigation and domestic use, under Use Permit No. **19812** of the Department of Reclamation and that said right to the use of said waters has been perfected in accordance with the laws of Idaho, and is hereby confirmed by the State Reclamation Engineer of Idaho and entered of record in Volume **8** of Licenses at page **4682**, on the **5th** day of **January 1951**.

The right hereby confirmed dates from **April 25, 1946**.

The Point of Diversion is located as follows: **SW 1/4 Section 18; NE 1/4 Section 19 (2 wells) and 2 wells** in the **NE 1/4 Sec. 19**, Tp. **11 S.**, R. **19 E.**, B. M. **Idaho Falls County**.

That the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually needed and beneficially used for said purposes, and shall not exceed **2.4** cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
11 S.	19 E.	18	SE 1/4 SW 1/4	40	40
			SW 1/4 SE 1/4	40	40
			NW 1/4 NE 1/4	40	40
			SW 1/4 NE 1/4	40	40
			SE 1/4 NE 1/4	40	40
			NE 1/4 NW 1/4	40	40
		19	NW 1/4 NW 1/4	20	20
			SW 1/4 NW 1/4	20	20
			SE 1/4 NW 1/4	40	40
			NE 1/4 SE 1/4	40	40
			Number of Acres Actually Irrigated -		
			- 360		

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, as provided by the laws of Idaho.

WITNESS the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this

5th day of **January**, **1951**.

MARK R. KULP

State Reclamation Engineer

(Seal)

47-2504

APPLICATION FOR AMENDMENT TO PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF IDAHO
NO. 19812

Comes now W. B. Savage, and represents to the State Reclamation Engineer of the State of Idaho:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho, No. 19812.

That the points of diversion are described in said Permit as being located in $SE\frac{1}{4}NE\frac{1}{4}$, $NW\frac{1}{4}NE\frac{1}{4}$ Sec. 19, Twp. 11 S., Range 19 E., B.M.

That he now requests that the points of diversion be changed to points located in $SW\frac{1}{4}SE\frac{1}{4}$ Sec. 18; $SE\frac{1}{4}NE\frac{1}{4}$ (2 wells) and $NE\frac{1}{4}SE\frac{1}{4}$ Sec. 19, Twp. 11 S., Range 19 E., B.M.

That his reasons for desiring to make such change are as follows: The well described in the $NW\frac{1}{4}NE\frac{1}{4}$ Section 19 did not develop as hoped, and for that reason two other wells were drilled, one in the $NE\frac{1}{4}SE\frac{1}{4}$ Section 19, and an additional well in the $SE\frac{1}{4}NE\frac{1}{4}$ Section 19.

That no one will be injured by such change, and that such change will be made at Permit holder's own risk.

Signed at Boise, Idaho, this 23rd day of July, 1947.

W. B. SAVAGE.

Date of receipt at Department of Reclamation, July 23, 1947.

APPROVAL OF STATE RECLAMATION ENGINEER

I, Mark R. Kulp, State Reclamation Engineer of the State of Idaho, hereby approve the above and foregoing application for amendment to Permit to appropriate the Public Waters of the State of Idaho, No. 19812. This approval constitutes a new permit and is issued as an amendment to the original permit to which it refers, and of which it becomes a part, and said application is approved only insofar as the rights of others will not be adversely affected thereby.

MARK R. KULP
State Reclamation Engineer

PERMIT NO. 19812
Certificate of Completion of Works

To All Whom it may Concern:

This is to certify that W. B. Savage, of Kimberly, County of Twin Falls, and State of Idaho, the holder of Permit No. 19812, issued upon Application No. 27354, bearing date of priority of April 25, 1946, authorizing the diversion of Six (6) second feet of the waters of pumped wells (subterranean), County of Twin Falls, State of Idaho, for irrigation and domestic purposes, has fully complied with the provisions of the laws of the State of Idaho relating to the proof of completion of the works of diversion set out and described in said Permit; that said works are adequate for diverting and conveying to the place of intended use 5.2 second feet of the waters of said wells; that the points of diversion of said waters are as follows: $SW\frac{1}{4}SE\frac{1}{4}$ Section 18; $SE\frac{1}{4}NE\frac{1}{4}$ (2 wells) and $NE\frac{1}{4}SE\frac{1}{4}$ Section 19; Township 11 South, Range 19 East, B.M.; and that the lands proposed to be irrigated by the use of said water are described as follows, to-wit: $SE\frac{1}{4}SW\frac{1}{4}$ and $SW\frac{1}{4}SE\frac{1}{4}$ Section 18; $W\frac{1}{2}NE\frac{1}{4}$, $NW\frac{1}{4}$, $NE\frac{1}{4}SE\frac{1}{4}$ Section 19, Township 11 South, Range 19 East, B.M.

NOTE: The works above described are used in connection with works described in Permit No. 19943.

Witness my hand this 25th day of July, A. D. 1947.

MARK R. KULP
State Reclamation Engineer

Proof of completion of works made July 23, 1947

Certificate of completion of works issued July 25, 1947

APPLICATION FOR AMENDMENT TO PERMIT TO APPROPRIATE
THE PUBLIC WATERS OF THE STATE OF IDAHO, No. 19812

Comes now W. B. Savage and represents to the State Reclamation Engineer of the State of Idaho:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho, No. 19812.

That the points of diversion are described in said amended permit as being located in the $SW\frac{1}{4}SE\frac{1}{4}$ Section 18, the $SE\frac{1}{4}NE\frac{1}{4}$ Section 19 (two Wells), and the $NE\frac{1}{4}SE\frac{1}{4}$ Section 19, Twp. 11 S., Range 19 E. B.M.

That he now requests that an additional point of diversion be added at a point located also in the $NE\frac{1}{4}SE\frac{1}{4}$ Section 19, Twp. 11 S., Range 19 E. B.M., making two wells in said 40 acre tract.

He also requests that the location of the wells or points of diversion as described in his proof of completion of works be amended to include an additional well in the $NE\frac{1}{4}SE\frac{1}{4}$ Section 19, Twp. 11 S., Range 19 E. B.M.

That his reason for desiring to make such change is because the second well in the $NE\frac{1}{4}SE\frac{1}{4}$ of Section 19, Twp. 11 S., Range 19 E. B.M. was actually the first well drilled and it was omitted from the original application and the amendment thereof, and also from the proof of completion of works through an oversight.

That no one will be injured by such change, and that such change will be made at Permit Holder's own risk.

W. B. SAVAGE

Subscribed and sworn to by me this 10th day of January, 1949.

Seal

DILLON W. LATER
Notary Public, Boise, Idaho

APPROVAL OF STATE RECLAMATION ENGINEER

I, Mark R. Kulp, State Reclamation Engineer of the State of Idaho, hereby approve the above and foregoing application for amendment to Permit to Appropriate the Public Waters of the State of Idaho, No. 19812. This approval constitutes a new permit and is issued as an amendment to the original permit, to which it refers, and of which it becomes a part, and said application is approved only insofar as the rights of others will not be adversely affected thereby.

MARK R. KULP
State Reclamation Engineer

LICENSE ISSUED FOR 2.4 SEC. FT.

Page 4682

✓
January 8, 1951

Re: Permits Nos. 19812 and 19943

Mr. W. B. Savage
Kimberly, Idaho

Dear Mr. Savage:

We enclose License and Certificate of Water Right issued under Permit No. 19812, confirming your right to the use of 2.4 second feet of water from five wells located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 18, SE $\frac{1}{4}$ NE $\frac{1}{4}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, Township 11 South, Range 19 East, B.M., with priority of April 25, 1946, for irrigation and domestic use on the SE $\frac{1}{4}$ SW $\frac{1}{4}$ and SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 18, NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, Township 11 South, Range 19 East, B.M.

We also enclose License and Certificate of Water Right issued under Permit No. 19943, confirming your right to the use of 1.06 second feet of water from a well in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, Township 11 South, Range 19 East, B.M., with priority of October 12, 1946, for irrigation and domestic use on the same above described 360 acres.

We also enclose Departmental Receipt No. 22972 for the \$20.00 fees paid in connection with these proofs.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:bh
Enc.

19812

W. B. SAVAGE PRODUCE COMPANY

STORAGE CAPACITY

GROWERS AND BUYERS

CARLOAD LOTS

235,000 SACKS

"POTATOES THE YEAR AROUND"

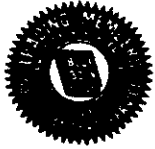
RESIDENCE PHONE

68

KIMBERLY, IDAHO

OFFICE PHONE

42



Jan. 4, 1951

RECEIVED
JAN 5 1951

State of Idaho
Department of Reclamation
Boise, Idaho

Gentlemen:

Re: Permits No. 19812 & 19943
Attn: Jeanne L. Anderson

With reference to your letter of Dec. 26th,
we herewith enclose our check in amount of \$20.00 for
license as per your explanation.

Yours truly

W. B. Savage

By *McCrig*

19812

✓
December 26, 1950

Re: Permits Nos. 19812 and 19943

Mr. W. B. Savage
Kimberly, Idaho

Dear Mr. Savage:

We now have on file the reports of our Field Engineer on examination for beneficial use under Permits Nos. 19812 and 19943.

These reports show that your well located in the Southeast corner of the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, Township 11 South, Range 19 East, B.M. (Permit No. 19943) is capable of developing 52.75 inches of water; and that the wells described in Permit No. 19812, located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 18 and along the East line of the SE $\frac{1}{4}$ NE $\frac{1}{4}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 19, Township 11 South, Range 19 East, B.M. are capable of developing 120 inches of water.

The water from all six of these wells has been applied for the irrigation of 360 acres in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ and SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 18, NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$ and fractional W $\frac{1}{2}$ NW $\frac{1}{4}$ (also known as Tax Lot 1 and 2), and the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, Township 11 South, Range 19 East, B.M.

Therefore, upon receipt of the statutory fee of \$20.00, being at the rate of \$2.00 for each 40 acre subdivision in which the land is located, License will be issued for 1.06 second feet of water from the well in the Southeast corner of the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 19 under Permit No. 19943 and for 2.4 second feet of water from the other five wells under Permit No. 19812.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:bh

19812

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO
REPORT OF ENGINEER

Permit No. 19812This proof is for Beneficial use In Water District No. _____

1. Name of applicant W. B. Savage, Kimberly, Idaho
2. Source of water supply: Subterranean (5 wells)
3. Location of point of diversion: Is in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 18;
SE $\frac{1}{4}$ NE $\frac{1}{4}$ (2 wells), and NE $\frac{1}{4}$ SE $\frac{1}{4}$ (2 wells) Section 19;
T. 11 S. R. 19 E. County of Twin Falls
4. Describe works as they exist, giving dimensions and capacities of same: _____
Well #1. 232' of 12" diameter and 98' of 8" diameter. F.B.M. Pomona pump, 50 H.P.
G.E. Motor, Model 31E227, 220/440 volts, 60 cycles 120/60 amps, 1765 R.P.M., 50 cycles
134/67 amps, 1465 R.P.M., No. XC6678230. 170' of 10" pipe to ditches 1 $\frac{1}{2}$ ' x 1' deep.
Well #2. 345' deep, no casing (247' of 12" dia. and 98' of 10" dia.) Denning pump,
25 H.P. Motor, 220/440 volts, Serial 341897, Frame, 912, 50-60 cycles, 1500-1800 R.P.M.,
4" discharge pipe.
5. Water is used for: Irrigation
6. State whether or not water has been turned into works of diversion: Yes

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

SE $\frac{1}{4}$ SW $\frac{1}{4}$ and SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 18;NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, Fr. NW $\frac{1}{4}$ NW $\frac{1}{4}$ (known as Tax Lot # 1);Fr. SW $\frac{1}{4}$ NW $\frac{1}{4}$ (known as Tax Lot # 2); SE $\frac{1}{4}$ NW $\frac{1}{4}$; NE $\frac{1}{4}$ SE $\frac{1}{4}$; Section 19;All in Township 11 South, Range 19 East, B. M.

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach? Unknown

Remarks: Wells #3, 4, and 5, identical installation. 40 H.P. U.S. Motor, 8" pump column,
220/440 volts, Type CFU, Code F, Frame 932, 3 phase, amps 98/49, 1800 R.P.M., 6" disch.
Well # 3, 235' deep, 16" diameter, cased 223' with 12" casing.
Well # 4. 348' deep, (225' of 16" dia. and 123' of 10" dia.) with 225' of 12" casing.
Well # 5. 350' deep with 215' of 12" casing.

This examination was made on the 9th day of May, 19 49

(Signed) _____

Examiner.

19812

W. B. Savage
Kimberly, Idaho

Permit No. 19812

Examination for Beneficial use

County Twin Falls

INSTRUCTIONS TO EXAMINERS

1. Always carefully note the location of the point of diversion and accurately plat same.
 2. When proof is for beneficial use, carefully check up the number of acres actually irrigated in each forty and accurately plat same.
 3. Make a map showing the correct location of streams and ditches, and the irrigated lands, and any adjacent permanent landmarks, such as towns, lakes, large streams and public roads.
 4. If any unusual conditions are discovered, make plain statement of them under remarks.
 5. Always see the holder, if possible, and go over the whole ground with him and make your report only upon actual existing facts and conditions.
 6. Give general characteristics of soils, topography, and crops raised.
-

RECEIVED
APR 18 1950
Department of Reclamation

RECEIVED
DEC 22 1950
Department of Reclamation

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE

REPORT OF ENGINEER

PERMIT NO. 19812

REPORT ON PROOF OF Beneficial use

6075

24.20
18.40
36.75
18.15
22.50
120.00

24.20
18.40
36.75
18.15
22.50
120.00

24.20
18.40
36.75
18.15
22.50
120.00

29-1-50

W. B. Savage

Copied by E.N. Humphrey - July 21, 1950.

Permit No. 19812

Altitude - 4125

Well # 1

Drilling Log.

0 ft.	17 ft.	Top soil
17	20	Rock
20	28	Soft Rock
28	85	Hard Rock
85	100	Brown coarse gravel
100	168	Gray Rock
168	165	Water at 168 ft. and rose to 165 ft.
168	195	Gravel
195	205	Rock
		Drilled 10 ft. farther but filled up to 205 ft.
215	255	Blue lava
255	273	Red lava
273-	303	Gravel
303	326	Gravel and shelly black soft lava.

Location - SE corner of SW¹/₄ SE¹/₄ Section 18, Township 11, Range 19 East, B.M.

Drilling - Started February 20, 1947, finished June 16, 1947.

Driller - Loren Page. Helper - C. L. Huddleston.

Began Feb. 20, 1947, finished first part March 1, 1947, finished 326 ft. June 16-47.

Drill cost - Savage & Denton

215' 16" hole at \$10.00	2150.00
111' 8" hole at \$ 4.00	444.00
35 hrs. cleaning hole & etc.	210.00

Total \$2804.00

No pump house - Concrete base approximately 9' by 10'. Has been pump house, (Dismantled)

Discharges into 8" o.d. to 7¹/₂" o.d. by 54 yards to Northeast into wooden sump. Approximately 4' by 4' by 2' deep.

G. E. Motor, 50 h.p., 3 ph., 60 cycle. Model 31K227, 220 v., 120 amp. Type K 1765 r.p.m., Serial XC6678230.

Pomona deep well turbine Fairbanks Morse Pump. 8" column, 1¹/₈" shaft, 10' suction pipe. Serial - PF4434. 205' of column, 176' to water, drawdown to bottom of pump, Pump is 215' feet down.

Westinghouse safety switch, Westinghouse starter.

Meter - Type D.M.6A, Volts 240, Amps 6, wire 3, Sec. K. - 1.2, Class D - Serial # 680684, Scale 26, Pri. Amps 220 ratio 40 -1, Mult. read by 4., Serial #4784958, Scale sweep reading - 7 plus kilowatts. 10 rpm. of dial equals power reading.

.210' equals gage.
24.3' equals Q.

56.3°F.

18" dip. weir

E. N. H. 19812

W. B. Savage

Copied by E.N.Humphrey - July 21, 1950.

Permit No. 19812

Altitude - 4140'

July 21-50
Twp 11 S. R. 19 E. B. M.

Well #2

Drilling Log

0 ft.	12ft.	Dirt	Location; 1404' south of the section line between S.18 & S.19
12	104	Rock	
104	120	Gravel	And 74' west of the section line between S.19 & S.20
121	171	Rock - water	
Crevice at 142' to 158'			
171	210	gravel	
210	288	Rock	
288	322	Gravel and Sand	
322	345	Rock	
345	352	Blue lava	
352	375	Red clay & gravel	
375	385	sand - gravel - water	
385	395	Yellow Talc (caves)	
395	405	Blue lava (hard)	
405	425	Blue lava & gravel (caves)	
425	433	Blue and Red lava (broken)	
433	447		
447	478	Gravel & boulders	
478	490	Blue lava (hard)	
490	495	gravel & sand (soft)	
495	518	Grey lava (hard)	
518	540	Pink lava (firm)	
540	553	Dark grey & pink lava (hard)	
553	555	Water - lost cutting	
555	590	Dark pink lava and sand spar	
590	610	Grey lava (hard)	
610	630	Pink lava "	
630	641	Dark grey lava (hard)	
641	675	Dark pink lava "	
675	680	Grey lava (hard)	
680	697	Sand spar; lava (soft)	
697	705	Broken Dark lava	
705	715	Dark Hard lava.	

Water level at 131'6" when drilled. After pumped - 135'. 247' by 12" hole
98' by 10" hole. Water level - 167 $\frac{1}{2}$ '. 6" pump down 230'.

Pump house dismantled - Pump rests on concrete base - base 10' by 10'.

Discharges 4 by 4 clearflow valve. 4 $\frac{1}{2}$ " o.d. pipe into closed System

U. S. Motor 25 h.p., 60 cycle, 3 ph., 220 v., 65 amp., 1800 r.p.m. #341897.

Pump - Fig. 4700, # T6303 - Deming. Size 8, 300 gpm. at 206', 1750 rpm.

Sq. D switch, also a General Switch Corp. switch.

Meter - sweep - 1.2 kw., G. E. Meter Type VM-3S, Amp. 50., V - 240., Cyc. 60,
3 wire, 3 ph., Kh - 24. # 27694391, T 1206X, 8 rpm equals power reading.

64.4 $\frac{1}{2}$ at well. 175' equals gage, 18.45 $\frac{1}{2}$ equals Q.

E. N. Humphrey, 19812

W. B. Savage
Copied by E. N. Humphrey - July 21, 1950
Permit No. 19812
Altitude - 2130

87 21-50

Well #3
Drilling Log.

0 ft.	8 ft.	top soil		
8	89	rock		
89	105	gravel	230' of 16" hole at \$10.00 to John Savage	\$2300.00
105	150	rock	5 days labor	150.00
150	230	gravel	2 oxygen	11.00
230	235	rock		<u>\$2461.00</u>

235	266	Grey lava (hard)
266	305	Sand - clay - gravel (soft)
305	326	Blue lava (firm)
326	335	sand - gravel - clay
335	339	lava boulders
339	346	gravel, clay, soft (caves)
346	365	Gravel, sand, blue lava
365	384	blue lava (firm)
384	393	sand, gravel, clay (soft)
393	417	broken up black & grey lava - water

Water stands at 100'.
Output - approx. 50".

Total cost - \$5445.89

Well house dismantled. 67 $\frac{1}{2}$ " by 6' concrete slab.

Discharges - 6 by 6 clearflow valve. 6" pipe into closed system 8".
Approx. 20' air column. 4 $\frac{1}{2}$ " o.d. tapers to 2 $\frac{1}{4}$ " pipe at top.

U. S. Motor - 40 h.p., 60 cy., 3 ph., 98 amp., 7800 rpm, 220 v., #478121.
Deming Fig. 4700, # T9013, 750 gpm., 150 ' 1750 rpm.

One switch and one control box not identified.
Westinghouse line starter. One Sq. D switch.

Meter sweep - 3.2 kw. , Idaho Power Type DM6A, 240 v., 5 amp., 3 wire.
Demand Reg. - M20 Class A., Serial 697115 Scale 18. Sec. k 1.2, Sec. dial K - 1/5.
Rr. 16 2/3, Pri. Amp - 200., Ratio 40:1, Mult read by 8. Serial 19919462.
Co.No. T1007X. 9 rpm. 57 1/5° F.

.275' - gage
36.75 " - Q.
57 1/5 ° F.

Well location;

2615' south of section line
between S.18 & S.19

120' west of section line
between S.19 & S.20

Twp.11 S. R.19 E.B.M.

E. N. Humphrey
19812

W. B. Savage
Copied by E. N. Humphrey - July 21, 1950
Permit No. 19812
Altitude - 4125

7-21-50

Well location; Twplls. R.19 E.

2959' south of section line
between S.18 & S.19

Well # 4
Drilling Log.

107' west of section line
between S.19 & S. 20

0 ft.	7 ft.	Surface
7	25	gray lava
25	60	blue lava (boulders)
60	65	red lava (firm)
65	82	blue lava (boulders)
82	92	gravel & lava (soft)
92	130	dk. lava (firm rock)
130	143	Blue & red lava
143	150	mud & gravel
150	155	red & blue lava
155	193	gravel, mud, water
193	205	red & blue lava .
205	222	gravel, mud, sand
222	235	blue & red lava (firm)
235	240	blue & red lava (open, loose)
240	256	red and blue lava
256	280	sand & gravel
280	284	red, gray, blue lava, gravel etc.
284	306	sand & gravel
306	322	blue & red lava
322	345	sand & gravel
345	348	Red lava.

Driller - Ted Haynes. Helper - Jack Alexander.
Location NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, T. 11, Range 19 E., just North of Well #1., and connects with well #1 and #2 by 12" pipe line.
Called hole #5 by Savage & Denton Drilling Co. started 5-13-47, finished 6-16-47.
Water at 101' stands at 95', more water at 155' - 193'.
Drill cost - 225' by 16" hole at \$10.00 - - - - \$2250.00
123' by 10" hole at 6.00 - - - - 738.00
225' of 12" casing - - - - - 315.00
Perforated from bottom up to 95' - 183.75
\$3486.75

Dismantled pump house - concrete 10' by 10'.

Discharges 8 by 8 clearflow valve. 8" o.d. discharge

U. S. Motor 40 h.p., 60 cy., 3 ph., 1800 rpm., 220 v., 98 amp., #823332.
Deming Pump Fig. 4700, #T9014, 750 gpm at 150', 1750 rpm.

A.B. switches controls. Arrow - Hart - Hegerman switch # 27410.

Meter - Idaho Power. Sweep - 4.3 kilowatts. Type - DM6A, V - 240, Amps - 5,
wire - 3., Sec K - 1.2, Sec dial constant 1/10 Hr - 8 1/3, Demand - Reg. M 20
Class A Serial 490425, scale 36. Pri. amp - 200, ratio 40:1, Mult. read by 4.
Serial 4407925. Co No T 1005X, Reading 6-rpm.

107 ft. from road center

2959 ft. from corner.

Q - approx. 100"

h - 95'

59 3/5 ° F.

170' gage

18.15 - Q.

high, actual = 17.7 "

21 yds of 6" pipe into an open pump.

19812
E. N. H.

W. B. Savage
Copied by E. N. Humphrey - July 21, 1950.
Permit No. 19812
Altitude - 4123'

77 21-1950

Well # 5
Drilling Log.

0 ft.	10 ft.	top soil	Well location; Twp 11S. R. 19E. B.M.
10	80	rock	
80	90	gravel	3553' south of section line between
90	135	rock	S.18 & S.19
135	185	gravel	
185	195	rock	111' west of section line between
195	214	gravel	S.19 & S.20 (road center)
214	216	rock	

185' by 16" hole. Water stands at 85'.

186' of 12" pipe casing. Q - approx. 100".

Location - NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, T. 11 S., Range 19 E. - South well.

Drilling started 8-7-46 - Finished 8-30-46.

Deming S D 108 discharge head. #T7102. 40 h.p., 3 ph. motor, Deep well turbines
140' of 10" by 1 $\frac{1}{2}$ " col. & shaft. 1 - 3 stage bowl. 1-10' by 8" suction.

Pipe line - 1173' spiraweld pipe. 160' by 12" spiraweld pipe.

Pipe line connects wells # 1, 2, 3, and short way beyond # 3.

Pump - 200' down, 8" column, 12" bowl, 40 h.p. motor, 3 stages. Water h. -
83' four years ago, 100' 1948, 159' August 10, 1949. Down now to 350' by 8"
or probably 10" hole.

Pump sets on 1" board on concrete, concrete base 4' by 6'. Dismantled pump house.
6" by 6" clearflow valve. 6" discharge into closed system.

U. S. Motor, 40 h.p., 60 cycle, 3 ph., 220 v., 1800 rpm - 98. #653306.

Deming Pump, Fig 4700, #T9297, (1000 gpm, 1750 rpm, 100 feet Lift = Cap'y)

A.B. switches, American safety switch.

Meter - Sweep reads 2.9 kilowatts., Idaho Power Type DM6A, 240 volts, 5 amps.,
3 wire, Sec. K - 1.2, Sec. dial constant .5, Pri - 41 2/3, Demand reg. M20, Class
D, Serial 660388, scale 5.1, Pri. Amps 200, Ratio 40:1, Mult. read by 20.
Serial #2191939, Co. No. T1017X, 20 rpm.

.200' - gage, 22.5" - Q., 57.3° - F.

19812

E. N. H.

December 23, 1950

RE: Permits Nos. 19812, 19943 and 20544

W. B. Savage Produce Company
Kimberly, Idaho

ATT: Mr. M. W. Craig

Dear Mr. Craig:

Enclosed is a set of copies of the drilling log on all of Mr. Savage's wells, plus additional information and water measurements taken by us on July 21.

The information on wells #7 and #8 may not be absolutely correct, but I believe it is fairly close. The measurement for the one well was taken without sufficient time lag for the water to drop as low as it should have for measuring a single well.

I did not take notes as to the exact location of wells #7 and #8, nor on the home well #9. If you have this information, I would appreciate it if you would send me a copy of same.

You will also note that well #9 has no information regarding the pump, motor and meter specifications, as it was getting quite late when we took this last measurement. As a matter of fact, this well was not even filed on at that time. This information will be of value in making application, if same has not already been made.

I am working up reports on my summer's work and Licenses are being issued. Mr. Savage will receive Licenses on his wells under Permits Nos. 19812 and 19943 in the near future.

Very truly yours,

MARK R. HULP
State Reclamation Engineer
By

E. N. Humphrey
Deputy State Reclamation Engineer

ENH: bh

19812

✓
April 7, 1949

Re: Permits No. 19812 and 19943

Mr. W. B. Savage
Kimberly, Idaho

Dear Mr. Savage:

We have placed on file the depositions of yourself and two witnesses; also Affidavit of Publication in the Kimberly Advertiser, all in Proof of Beneficial Use under Permits No. 19812 and 19943.

Before final action is taken in the matter, the law requires that a field examination be made by an Engineer from this Department.

We are unable to say just when this examination will be made as this Department has but one Field Engineer who makes examinations all over the State.

However, Mr. Tolman, Field Engineer for this Department, will try and contact you at the time he makes the examination in order that you may arrange to show him over the grounds.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:bh

19812

AFFIDAVIT OF PUBLICATION

NOTICE OF PROOF APPLICATION OF WATER TO BENEFICIAL USE

Notice is hereby given that at 10 a. m. on the 22nd day of March, 1949, at the office of C. A. Lowe, at Court House at Twin Falls, County of Twin Falls, State of Idaho, before C. A. Lowe, notary Public, proof will be submitted of the application to beneficial use of 7.2 cubic feet per second of the waters of 6 wells drilled and installed in accordance with the terms and conditions of Permit No. 19812 & 19943 heretofore issued by the State Reclamation Engineer of the State of Idaho.

The name and postoffice address of the person or corporation holding said permit are W. B. Savage, Kimberly, Idaho, Twin Falls county.

The use to which said water has been applied is agricultural purposes.

The amount applied to beneficial use is 7.2 second feet.

The place where said water is used SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$; NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

The name of the canal or ditch or other works by which said water is conducted to such place of use is unnamed.

The right to take water from such works is based upon Permit No. 19812 and 19943.

The source of supply from which such water is diverted is six wells located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 18, SE $\frac{1}{4}$ NE $\frac{1}{4}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, Twp. 11 S., Range 19 E.B.M.

The date of priority which said

user is prepared to establish is April 25, 1946, for 5 wells under Permit No. 19812, and October 12, 1946, for one well, under permit No. 19943. *19812*

MARK R. KULP,
State Reclamation Engineer.
(Pub. Feb. 25, March 4, 11, 18.)

19812

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO,

ss.

County of Twin Falls

I, Harold Hove being first duly sworn on oath, say:

That I am publisher of the Kimberly Advertiser, a newspaper of general circulation in Twin Falls County, Idaho, published weekly in Kimberly in said county and state; that a true copy of the annexed notice was published in the regular and entire issue of said newspaper, and

not in any supplement thereof, for 4 consecutive weeks, commencing with the issue

dated Feb 25 1949, and

ending with the issue dated March 18

1949.

And I do further swear that said newspaper has been so published as a weekly newspaper in said city and county, continuously and uninterruptedly during a period of more than seventy-eight consecutive weeks prior to the first publication of said above mentioned legal advertisement.

Harold Hove

Subscribed and sworn to before me this 18th

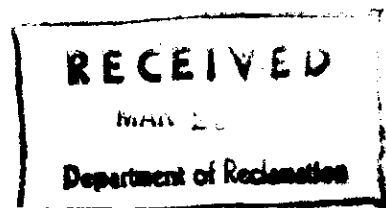
day of March, 1949

Alice V. Wilson
Notary Public for the State of Idaho.

(My commission expires Sept. 1950)

we at stated inter-

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO



PERMIT NO. 19812
and
PERMIT NO. 19943

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

DEPOSITION OF HOLDER

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. W. B. SAVAGE, 58 years, Kimberly, Idaho; Farmer,
Kimberly, Idaho.

Ques. 2. If acting in behalf of corporation, state its name, principal place of business (if a foreign corporation, give name of postoffice of statutory agent), your position with reference to same, and your authority for appearing in its behalf.

Ans. —

Ques. 3. State number and date of permit, and date of priority you propose to establish under the permit.

Ans. Permit No. 19812, dated May 4, 1946; Date of priority under the Permit, April 25, 1946.
Permit No. 19943, dated Oct. 18, 1946; Date of priority under the Permit, Oct. 12, 1946.

Ques. 4. State source of water supply and give exact location of point of diversion.

Ans. In re: Permit No. 19812: Source of water supply is Subterranean flow from wells, exact location of point of diversion as follows:

Well No. 1 is situated in the Southwest Quarter of the Southeast Quarter (SW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Eighteen (18) Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

Well No. 2 is situated in the Southeast Quarter of the Northeast Quarter (SE $\frac{1}{4}$ NE $\frac{1}{4}$) of Section Nineteen (19) Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

Well No. 3 is situated in the Southeast Quarter of the Northeast Quarter (SE $\frac{1}{4}$ NE $\frac{1}{4}$) of Section Nineteen (19) Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

Well No. 4 is situated in the Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Nineteen (19) Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

Well No. 5 - included by amendment to Permit No. 19812, - is situated in the Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Nineteen (19), Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

In re: Permit No. 19943: Source of water supply is Subterranean flow from wells, exact location of point of diversion as follows:

Well No. 6 is situated in the Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Nineteen (19), Township Eleven (11) South, Range Nineteen (19) E.B.M., Twin Falls County, Idaho

19812

Ques. 5. Describe your works of diversion, and state amount of water they are capable of conveying from point of diversion to place of use, and give name of canal or ditch or other works by which water is conducted to such place of use.

Ans. In re: Permit No. 19812: Well Noll - the water is pumped into a ten inch pipe conveying said water from said well into a ditch or lateral approximately $2\frac{1}{2}$ feet at the bottom with a width at water line of approximately four feet leading from said diversion point to the lands described in permit, and more particularly described in answer to question No. 6., and which ditch or lateral so constructed from well No. 1 having an average grade of 5.28 feet per mile. The ditch is not given a name.

Well No. 2 - has a pump installed therein which pumps water from said well into an eight inch pipeline conveying said water from said well a distance of approximately seventy feet into a ditch or lateral approximately $2\frac{1}{2}$ feet at the bottom with a waterline of approximately 3 feet leading from the end of said eight inch pipeline into a 12 inch pipeline which extends a distance of approximately 2640 feet, save and except the last 200 feet thereof is a ten inch pipeline and that said pipeline connects well No. 2 with other wells and is a part of the general irrigation system of all the lands involved herein, and that the water so conveyed from well No. 2 is used for the irrigation of the lands described in permit, and more particularly described in answer to question No. 6., by way of pipelines and ditches or laterals that have not been given names.

Well No. 3 - has a pump installed therein which pumps water from said well into a twelve inch pipeline, which is the same pipeline which conveys water from well No. 2 and is approximately 2640 feet in length and the upper 200 feet thereof being in a ten inch pipeline and is a part of the irrigation works and system for the irrigation of all the lands involved herein, and that said pipeline leads into open ditches (that are unnamed) conveying said water to all parts of said lands, and that the water conveyed from said pipeline is used in the irrigation of the lands described in permit, and more particularly described in answer to question No. 6.

Well No. 4 - has a pump installed therein which pumps water from said well into an eight inch pipeline conveying said water from said well a distance of approximately sixty feet leading into a ditch or lateral approximately $2\frac{1}{2}$ feet at the bottom with a width at water line of approximately four feet, leading from said well through said pipeline into said ditch to the lands irrigated thereby as described in permit, and more particularly described in answer to question No. 6., by way of pipelines, ditches or laterals that have not been given names.

Well No. 5 - has a pump installed therein which pumps water from said well into the pipeline mentioned in connection with wells No. 2 and No. 3, which is a pipeline approximately 2640 feet in length and being a twelve inch pipeline, save and except the 200 feet in the upper end thereof being a ten inch pipeline and which pipeline is a part of the irrigation system of the lands involved herein, and that the water from said well is used for the irrigation of the lands described in permit and more particularly described in answer to question No. 6., by way of pipelines, ditches or laterals that have not been given names.

In re: Permit No. 19943: Well No. 6 - has a pump installed therein which pumps water from said well into the pipeline used in connection with wells No. 2, No. 3 and No. 5 hereinabove mentioned and which said pipeline is a part of the irrigation system for the lands involved herein, and that the water from said well is used for the irrigation of the lands described in permit and more particularly described in answer to question No. 6, by way of pipelines, ditches or laterals that have not been given names.

The water pumped and conveyed from wells No. 1, No. 2, No. 3, No. 4, No. 5 and No. 6, is conveyed by pipelines and ditches to the various portions of the lands described in answer to question No. 6, and that the irrigation system comprises approximately five miles of ditches conveying water from said wells to all parts of said land, and that said ditches are of adequate size to convey sufficient waters to all parts of said land for the proper irrigation thereof

Ques. 6.

State for what purpose water is used and describe place of use. (If for irrigation, name each subdivision in which used, and number of acres in each subdivision that have actually been irrigated with said water.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans.

(a) The water is used for agricultural purposes for the irrigation of the following described lands:

- ✓ NW $\frac{1}{4}$ NE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
- ✓ SW $\frac{1}{4}$ NE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
- ✓ SE $\frac{1}{4}$ NE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
- ✓ NE $\frac{1}{4}$ NW $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
- ✓ NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1 (20 acres) - Acres cultivated, 20;
- ✓ SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2 (20 acres) - Acres cultivated, 20;
- ✓ SE $\frac{1}{4}$ NW $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
- ✓ NE $\frac{1}{4}$ SE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
- all of said land being in Section 19, Township 11 South, Range 19 E.B.M., and
- ✓ SE $\frac{1}{4}$ SW $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
- ✓ SW $\frac{1}{4}$ SE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
- all being in Section 18, Township 11 South, Range 19 E.B.M., all of which land contains an acreage of 360 acres.

(b) The land has been cleared, levelled, put into crop, farmed, and is, at this time, in a high state of cultivation, and that it is all cultivated farming land. There has been constructed upon said land an adequate irrigation system, including pipelines and ditches, conveying water to all portions thereof. In addition to this, there has been one sump pump put in to take care of wastewater so that the wastewater may be pumped back upon the land for further use, and that leading from this sump is a pipeline approximately 900 feet in distance through which wastewater is pumped back upon said lands for further use, said pipeline being an eight inch pipe, which improvement has been constructed and installed so that in the event any wells are pumping short of water by the return of wastewater a full one inch to the acre can be obtained by this method and to insure water.

Ques. 7. If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans. Water used only for irrigation.

Ques. 8. What is the minimum amount of water required for the purpose specified above.

Ans. No amount used or required for other than irrigation purposes.

Ques. 9. If you are not the person or representative of the corporation to whom above mentioned permit was originally issued, please state how ownership was acquired by present holder.

Ans. Permit originally issued to me.

Ques. 10. State when, how, in what amount and to what extent the water diverted under above mentioned permit has been used.

Ans. The water diverted under above mentioned permits was used during the entire irrigation season of 1947, and 1948, in the amount of one inch of water to each acre of land, to irrigate crops of potatoes, beans and grain.

Ques. 11. State when, how, in what amount and to what extent waters other than those diverted under the above mentioned permit have been diverted and applied to beneficial use upon the lands herein described. Give full particulars regarding such other appropriations and rights claimed thereunder.

Ans. No waters other than those diverted under the above mentioned permits have been diverted.

W. B. Savage

I hereby certify that the foregoing testimony was read to the above subscribed before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in Twin Falls, County of Twin Falls, State of Idaho on this 22nd day of March, A.D. 1949.

Ch. Lowe

My Commission Expires Feb 28, 1953

STATE OF IDAHO
OFFICE OF STATE RECLAMATION ENGINEER
BOISE, IDAHO

PERMIT NO. 19812
and
PERMIT NO. 19943

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

DEPOSITION OF WITNESS

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and Postoffice address.

Ans. DENNEY R. HOGUE, TWIN FALLS, 39 years, FARMER TWIN FALLS,
Twin Falls County, State of Idaho, Occupation: FARMER
TWIN FALLS, Idaho.

Ques. 2. Are you acquainted with W. B. Savage, the holder of Permit No. 19812 and No. 19943? How long have you known him and where does he reside?

Ans. Yes, I am acquainted with W. B. Savage, the holder of Permit No. 19812 and No. 19943; I have known him for 15 years, and he resides at Kimberly, Idaho.

Ques. 3. Have you read or heard read said Permits No. 19812 and 19943, and are you familiar with it's provisions and conditions?

Ans. Yes.

Ques. 4. State source of water supply, place of diversion, and describe works for conveying water from point of diversion to place of use.

Ans. In re: Permit No. 19812: Well No. 1 is situated in the Southwest Quarter of the Southeast Quarter (SW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Eighteen (18); the water is pumped from underground to the surface from said well so constructed and completed into a ten inch pipe conveying said water from said well into a ditch or lateral approximately 2 $\frac{1}{2}$ feet at the bottom with a width at water line of approximately four feet leading from said diversion point to the lands described in said application for permit, and more particularly described as follows:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$; NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho, and

and which ditch or lateral so constructed from Well No. 1 having an average grade of 5.28 feet per mile.

Well No. 2 is situated in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 19, Township 11 South, Range 19 E.B.M., and said well has a pump installed therein which pumps water from said well into an eight inch pipeline conveying said water from said well a distance of approximately seventy feet into a ditch or lateral approximately 2 $\frac{1}{2}$ feet at the bottom with a waterline

of approximately 3 feet leading from the end of said eight inch pipeline into a 12 inch pipeline which extends a distance of approximately 2640 feet, save and except the last 200 feet thereof is a ten inch pipeline and that said pipeline connects well No. 2 with other wells and is a part of the general irrigation system of all the lands involved herein, and that the water so conveyed from well No. 2 is used for the irrigation of the following described land:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

Well No. 3 is located in the Southeast Quarter of the Northeast Quarter (SE $\frac{1}{4}$ NE $\frac{1}{4}$) of Section Nineteen (19), Township Eleven (11) South, Range Nineteen (19) E.B.M. and that said well has a pump installed therein which pumps water from said well into a twelve inch pipeline, which is the same pipeline which conveys water from well No. 2 and is approximately 2640 feet in length and the upper 200 feet thereof being in a ten inch pipeline and is a part of the irrigation works and system for the irrigation of all the lands involved herein, and that said pipeline leads into open ditches conveying said water to all parts of said lands, and that the water conveyed from said pipeline is used in the irrigation of the following described land:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$; NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres, containing 20 acres, more or less, and being known as Tax Lot No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

Well No. 4 is a well located in the Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 19, Township 11 South, Range 19 E.B.M., and which well has a pump installed therein which pumps water from said well into an eight inch pipeline conveying said water from said well a distance of approximately sixty feet leading into a ditch or lateral approximately 2 $\frac{1}{2}$ feet at the bottom with a width at water line of approximately four feet, leading from said well through said pipeline into said ditch to the lands being irrigated thereby, or the following described lands:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$; NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

Well No. 5 is located in the Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Nineteen (19), Township Eleven (11) South, Range Nineteen (19) E.B.M., and which well has a pump installed therein which pumps water from said well into the pipeline mentioned in connection with wells No. 2 and No. 3, which is a pipeline approximately 2640 feet in length and being a twelve inch pipeline, save and except the 200 feet in the upper end thereof being a ten inch pipeline and which pipeline is a part of the irrigation system

of the lands involved herein, and that the water from said well is used for the irrigation of the following described lands:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 18; SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$; NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

In re: Permit No. 19943: Well No. 6 is located in the Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Nineteen (19), Township Eleven (11) South, Range Nineteen (19) E.B.M., and which well has a pump installed therein which pumps the water from said well into the pipeline used in connection with wells No. 2, No. 3 and No. 5 hereinabove mentioned, and which said pipeline is a part of the irrigation system for the lands involved herein, and that the water from said well is used for the irrigation of the following described lands, to-wit:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$; NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

The water pumped and conveyed from wells No. 1, No. 2, No. 3, No. 4, No. 5 and No. 6, is conveyed by pipelines and ditches to the various portions of the lands hereinabove described, and that the irrigation system comprises approximately five miles of ditches conveying water from said wells to all parts of said land, and that said ditches are of adequate size to convey sufficient waters to all parts of said lands for the proper irrigation thereof.

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use, and how much water have you seen being so conveyed?

Ans. The lands upon which the waters from wells No. 1, No. 2, No. 3, No. 4, No. 5 and No. 6, are being put to beneficial use comprise an area of 360 acres, and that the irrigation works and ditches conveying said water from said wells to said lands of beneficial use are more than adequate to convey not less than one inch of water to each acre of land, or a maximum of 7.2 second feet of water.

Ques. 6. State for what purpose water is used and at what place. (If for irrigation, give each subdivision in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. (a) The water is used for agricultural purposes for the irrigation of the following described lands:

NW $\frac{1}{4}$ NE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
SW $\frac{1}{4}$ NE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
SE $\frac{1}{4}$ NE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
NE $\frac{1}{4}$ NW $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1 (20 acres) - Acres cultivated, 20;

SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2 (20 acres) - Acres cultivated, 20; SE $\frac{1}{4}$ NW $\frac{1}{4}$ (40 acres) - Acres cultivated, 40; NE $\frac{1}{4}$ SE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40; all of said land being in Section 19, Township 11 South, Range 19 E.B.M., and SE $\frac{1}{4}$ SW $\frac{1}{4}$ (40 acres) - Acres cultivated, 40; SW $\frac{1}{4}$ SE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40, all being in Section 18, Township 11 South, Range 19 E.B.M., all of which land contains an acreage of 360 acres.

(b) The land has been cleared, levelled, put into crop, farmed, and is, at this time, in a high state of cultivation, and that it is all cultivated farming land. There has been constructed upon said land an adequate irrigation system, including pipelines and ditches, conveying water to all portions thereof. In addition to this, there has been one sump pump put in to take care of wastewater so that the wastewater may be pumped back upon the land for further use, and that leading back from this sump is a pipeline approximately 900 feet in distance through which wastewater is pumped back upon said lands for further use, said pipeline being an eight inch pipe, which improvement has been constructed and installed so that in the event any wells are pumping short of water by the return of wastewater a full one inch to the acre can be obtained by this method and to insure water.

Ques. 7.

If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans. Water used only for irrigation.

Ques. 8. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans. The land reclaimed is lava-ash-loam, and requires for its proper irrigation not less than one inch per acre, and that said amount of water is required for its profitable cultivation.

Ques. 9. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. None.

Ques. 10. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. I am owner of near-by properties, sold Mr. Savage his certified potato seed which was planted on the lands above mentioned, and watched his operations closely. I am well acquainted with the complete setup of the pumps, pipelines, ditches - the whole irrigation system set up - and have witnessed the application to beneficial use of waters diverted from said wells upon said lands.

Ernest R. Hogue

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Twin Falls, County of Twin Falls, State of Idaho, on this 22nd day of March A.D., 1949.

W. Lowe
Notary Public.

My Commission Expires: Feb 28, 1953

STATE OF IDAHO
OFFICE OF STATE RECLAMATION ENGINEER

BOISE, IDAHO

PERMIT NO. 19812
and
PERMIT NO. 19943

PROOF OF APPLICATION OF WATER TO BENEFICIAL USE

DEPOSITION OF WITNESS

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and Postoffice address.

Ans. M. W. CRAIG - Age: 40, Kimberly, Twin Falls County, State of Idaho, Occupation: Bed Keeper & Assistant Mgr. Kimberly, Idaho.

Ques. 2. Are you acquainted with W. B. Savage, the holder of Permit No. 19812 and No. 19943? How long have you known him and where does he reside?

Ans. Yes, I am acquainted with W. B. Savage, the holder of Permit No. 19812 and No. 19943; I have known him for 3 1/2 years, and he resides at Kimberly, Idaho.

Ques. 3. Have you read or heard read said Permits No. 19812 and 19943, and are you familiar with its provisions and conditions?

Ans. Yes.

Ques. 4. State source of water supply, place of diversion, and describe works for conveying water from point of diversion to place of use.

Ans. In re: Permit No. 19812: Well No. 1 is situated in the Southwest Quarter of the Southeast Quarter (SW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Eighteen (18); the water is pumped from underground to the surface from said well so constructed and completed into a ten inch pipe conveying said water from said well into a ditch or lateral approximately 2 $\frac{1}{2}$ feet at the bottom with a width at water line of approximately four feet leading from said diversion point to the lands described in said application for permit, and more particularly described as follows:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$; NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho,

and which ditch or lateral so constructed from well No. 1 having an average grade of 5.28 feet per mile.

Well No. 2 is situated in the $SE\frac{1}{4}NE\frac{1}{4}$, Section 19, Township 11 South, Range 19 E.B.M., and said well has a pump installed therein which pumps water from said well into an eight inch pipeline conveying said water from said well a distance of approximately seventy feet into a ditch or lateral approximately $2\frac{1}{2}$ feet at the bottom with a waterline of approximately 3 feet leading from the end of said eight inch pipeline into a 12 inch pipeline which extends a distance of approximately 2640 feet, save and except the last 200 feet thereof is a ten inch pipeline and that said pipeline connects well No. 2 with other wells and is a part of the general irrigation system of all the lands involved herein, and that the water so conveyed from well No. 2 is used for the irrigation of the following described land:

$SE\frac{1}{4}SW\frac{1}{4}$, $SW\frac{1}{4}SE\frac{1}{4}$, of Section 18; $SE\frac{1}{4}NW\frac{1}{4}$, $NE\frac{1}{4}SE\frac{1}{4}$; $NW\frac{1}{4}NE\frac{1}{4}$, $SW\frac{1}{4}NE\frac{1}{4}$, $SE\frac{1}{4}NE\frac{1}{4}$, $NE\frac{1}{4}NW\frac{1}{4}$, $NW\frac{1}{4}NW\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1; $SW\frac{1}{4}NW\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

Well No. 3 is located in the Southeast Quarter of the Northeast Quarter ($SE\frac{1}{4}NE\frac{1}{4}$) of Section Nineteen (19), Township Eleven (11) South, Range Nineteen (19) E.B.M. and that said well has a pump installed therein which pumps water from said well into a twelve inch pipeline, which is the same pipeline which conveys water from well No. 2 and is approximately 2640 feet in length and the upper 200 feet thereof being in a ten inch pipeline and is a part of the irrigation works and system for the irrigation of all the lands involved herein, and that said pipeline leads into open ditches conveying said water to all parts of said lands, and that the water conveyed from said pipeline is used in the irrigation of the following described land:

$SE\frac{1}{4}SW\frac{1}{4}$, $SW\frac{1}{4}SE\frac{1}{4}$, of Section 18; $SE\frac{1}{4}NW\frac{1}{4}$, $NE\frac{1}{4}SE\frac{1}{4}$; $NW\frac{1}{4}NE\frac{1}{4}$, $SW\frac{1}{4}NE\frac{1}{4}$, $SE\frac{1}{4}NE\frac{1}{4}$, $NE\frac{1}{4}NW\frac{1}{4}$; $NW\frac{1}{4}NW\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1; $SW\frac{1}{4}NW\frac{1}{4}$, being a fractional 40 acres, containing 20 acres, more or less, and being known as Tax Lot No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls County, Idaho.

Well No. 4 is a well located in the Northeast Quarter of the Southeast Quarter ($NE\frac{1}{4}SE\frac{1}{4}$) of Section 19, Township 11 South, Range 19 E.B.M., and which well has a pump installed therein which pumps water from said well into an eight inch pipeline conveying said water from said well a distance of approximately sixty feet leading into a ditch or lateral approximately $2\frac{1}{2}$ feet at the bottom with a width at water line of approximately

four feet, leading from said well through said pipeline into said ditch to the lands being irrigated thereby, or the following described lands:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$;
NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$;
NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40
acres containing 20 acres, more
or less, and being known as Tax
Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional
40 acres containing 20 acres, more or
less, and being known as Tax Lot No. 2,
Section 19, all in Township 11 South,
Range 19 E.B.M., Twin Falls County, Idaho.

Well No. 5 is located in the Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Nineteen (19), Township Eleven (11) South, Range Nineteen (19) E.B.M., and which well has a pump installed therein which pumps water from said well into the pipeline mentioned in connection with wells No. 2 and No. 3, which is a pipeline approximately 2640 feet in length and being a twelve inch pipeline, save and except the 200 feet in the upper end thereof being a ten inch pipeline and which pipeline is a part of the irrigation system of the lands involved herein, and that the water from said well is used for the irrigation of the following described lands:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$;
NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$;
NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40
acres containing 20 acres, more
or less, and being known as Tax
Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional
40 acres containing 20 acres, more or
less, and being known as Tax Lot No. 2,
Section 19, all in Township 11 South,
Range 19 E.B.M., Twin Falls County, Idaho.

In re: Permit No. 19943: Well No. 6 is located in the Northeast Quarter of the Southeast Quarter (NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section Nineteen (19), Township Eleven (11) South, Range Nineteen (19) E.B.M., and which well has a pump installed therein which pumps the water from said well into the pipeline used in connection with wells No. 2, No. 3 and No. 5 hereinabove mentioned, and which said pipeline is a part of the irrigation system for the lands involved herein, and that the water from said well is used for the irrigation of the following described lands, to-wit:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$;
NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$;
NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40
acres containing 20 acres, more
or less, and being known as Tax
Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional
40 acres containing 20 acres, more or
less, and being known as Tax Lot No. 2,
Section 19, all in Township 11 South,
Range 19 E.B.M., Twin Falls County, Idaho.

The water pumped and conveyed from wells No. 1, No. 2, No. 3, No. 4, No. 5 and No. 6, is conveyed by pipelines and ditches to the various portions of the lands hereinabove described, and that the irrigation system comprises approximately five miles of ditches conveying water from said wells to all parts of said land, and that said ditches are of adequate size to convey sufficient waters to all parts of said lands for the proper irrigation thereof.

Ques. 5. How many second feet of water do you estimate said works will safely conduct to place of use, and how much water have you seen being so conveyed?

Ans. The lands upon which the waters from wells No. 1, No. 2, No. 3, No. 4, No. 5 and No. 6, are being put to beneficial use comprise an area of 360 acres, and that the irrigation works and ditches conveying said water from said wells to said lands of beneficial use are more than adequate to convey not less than one inch of water to each acre of land, or a maximum of 7.2 second feet of water.

Ques. 6. State for what purpose water is used and at what place. (If for irrigation, give each subdivision in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. (a) The water is used for agricultural purposes for the irrigation of the following described lands:

NW $\frac{1}{4}$ NE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
SW $\frac{1}{4}$ NE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
SE $\frac{1}{4}$ NE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
NE $\frac{1}{4}$ NW $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 1 (20 acres) - Acres cultivated, 20;
SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres, more or less, and being known as Tax Lot No. 2 (20 acres) - Acres cultivated, 20;
SE $\frac{1}{4}$ NW $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
NE $\frac{1}{4}$ SE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
all of said land being in Section 19, Township 11 South, Range 19 E.B.M., and
SE $\frac{1}{4}$ SW $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
SW $\frac{1}{4}$ SE $\frac{1}{4}$ (40 acres) - Acres cultivated, 40;
all being in Section 18, Township 11 South, Range 19 E.B.M., all of which land contains an acreage of 360 acres.

(b) The land has been cleared, levelled, put into crop, farmed, and is, at this time, in a high state of cultivation, and that it is all cultivated farming land. There has been constructed upon said land an adequate irrigation system, including pipelines and ditches, conveying water to all portions thereof. In addition to this, there has been one sump pump put in to take care of wastewater so that the wastewater may be pumped

back upon the land for further use, and that leading from this sump is a pipeline approximately 900 feet in distance through which wastewater is pumped back upon said lands for further use, said pipeline being an eight inch pipe, which improvement has been constructed and installed so that in the event any wells are pumping short of water by the return of wastewater a full one inch to the acre can be obtained by this method and to insure water.

Ques. 7. If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans. Water used only for irrigation.

Ques. 8. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans. The land reclaimed is lava-ash-loam, and requires for its proper irrigation not less than one inch per acre, and that said amount of water is required for its profitable cultivation.

Ques. 9. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. Assistant Manager under Mr. W. B. Savage, Owner.

Ques. 10. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. I am assistant manager under Mr. W. B. Savage, owner, and by reason of that capacity, I have been almost daily upon said lands and have witnessed from day to day the application to beneficial use of waters diverted from said wells upon said lands.

Mr. Craig

STATE OF IDAHO,)
: ss.
COUNTY OF TWIN FALLS.)

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Twin Falls, County of Twin Falls, State of Idaho, on this 22nd day of March, 1949.

W. Lowe

NOTARY PUBLIC FOR STATE OF IDAHO,
Residing at Twin Falls.

My Commission expires February 28, 1953.

RECEIVED

FEB 2

Department of Reclamation

THIS SIDE OF CARD IS FOR ADDRESS



State of Idaho
Dept. Reclamation
Boise, Idaho

State House

Feb. 18, 1989

Gentlemen

There is to acknowledge receipt
of notes for publication - notes of Proof
application of notes to B.U.

Re W.B. Devay, Kimberly Idaho

Yours,
Kimberly Advertiser
HOB 19812

19812 *
19943

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

Date: **February 15, 1949**

Kimberly Advertiser

Gentlemen: **Kimberly, Idaho**

Enclosed you will find notice for publication once
a week for four consecutive weeks prior to **March 22, 1949**,
the date set for proof, the expense of the publication to be
paid by the applicant, **W. B. Savage** of **Kimberly,**
Idaho, to whom you should furnish proof of publication on
or prior to the date set for proof.

Please acknowledge receipt of this notice, and furnish
this office with a copy of the first publication.

Very truly yours,
MARK R. KULP

State Reclamation Engineer

By **Chief Clerk**

19812

NOTICE FOR PUBLICATION
NOTICE OF PROOF APPLICATION OF WATER
TO BENEFICIAL USE

Notice is hereby given that at 10 A. M. on the 22nd day of March, 1949,
at the office of C. A. Lowe, at Court House
at Twin Falls, County of Twin Falls, State of Idaho, before
C. A. Lowe, Notary Public, proof will be submitted of the
application to beneficial use of 7.2 cubic feet per second of the waters of 6 wells drilled
and installed in accordance with the terms and conditions of Permit No. 19812 & 19943
heretofore issued by the State Reclamation Engineer of the State of Idaho.

The name and postoffice address of the person or corporation holding said permit are.....

W. B. Savage - Kimberly, Idaho, Twin Falls County

The use to which said water has been applied is.....agricultural purposes

The amount applied to beneficial use is.....7.2 second feet

The place where said water is used (if for irrigation, give full and accurate description of the
lands irrigated).....SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, of Section 18; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$,
SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$; NW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional 40 acres containing 20 acres,
more or less, and being known as Tax Lot No. 1; SW $\frac{1}{4}$ NW $\frac{1}{4}$, being a fractional
40 acres containing 20 acres, more or less, and being known as Tax Lot
No. 2, Section 19, all in Township 11 South, Range 19 E.B.M., Twin Falls
County, Idaho.

The name of the canal or ditch or other works by which said water is conducted to such place of
use is.....Unnamed

The right to take water from such works is based upon Permit No. 19812 and 19943

The source of supply from which such water is diverted is 6 wells located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section
18, SE $\frac{1}{4}$ NE $\frac{1}{4}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, Twp. 11 S., Range 19 E., B.M.

The date of priority which said user is prepared to establish is April 25, 1946, for 5 wells under
Permit No. 19812, and October 12, 1946, for one well, under Permit No. 19943

MARK R. KULP
State Reclamation Engineer.

19812

19812

February 15, 1949

Mr. W. B. Savage
Kimberly, Idaho

Dear Mr. Savage:

Duplicate notice of the Beneficial Use Proof to be made under your Permit Numbers 19812 and 19943 reached us this morning, but it is too late to get the four weeks publication before March 15.

We have therefore changed the date to March 22, and hope this will meet your approval.

We also changed the notice a little bit, to show the location of the six wells.

A copy of the notice has been sent to the Kimberly Advertiser, with instructions to publish it once a week for four (4) consecutive weeks, prior to that date, and to send you the affidavit of publication, together with statement of costs.

We enclose two sets of forms to be used in making these proofs, one for each Permit, which must be made separately.

At the time set, you should appear before Mr. C. A. Lowe, Notary Public, together with two disinterested witnesses who are familiar with your Permits, and the work done thereunder, for the purpose of executing the depositions.

Very truly yours,

HARK R. WULF
State Reclamation Engineer
By

Chief Clerk

A:bh

19812

NOTICE TO ACCOMPANY THIS LETTER MUST BE MADE IN DUPLICATE

(Date) January 13, 1949

(P. O.) Permit Nos. 19812 and 19943

STATE RECLAMATION ENGINEER

TO THE ~~COMMISSIONER~~ OF RECLAMATION:

Boise, Idaho.

Dear Sir:

You are hereby authorized to have the attached notice published at my expense in the
Kimberly Advertiser of Kimberly, Idaho, published in
the county in which the works are situated.

M. B. Savage

(In case of canals or other works designed to divert and carry more than 50 cubic feet of water
per second, the following certificate must be signed by a well-known and competent engineer)

I hereby certify that the facts set forth in the attached notice are true.

Engineer.

19812

✓
January 12, 1949

Re: Permits Nos. 19812 & 19813

Mr. W. B. Savage
Kimberly, Idaho

Dear Mr. Savage.

We enclose your application for amendment to Permit No. 19812 by adding an additional point of diversion in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 19, Twp. 11 S., Range 19 E. B.M. which makes five wells designated under this Permit.

We also enclose application for amendment to the land list and change of point of diversion under Permit No. 19813 correcting the 4 acres shown in the permit in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 12 to the NE corner of the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of this section and including a well in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ and this 4 acres in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 12, Twp. 11 S., Range 19 E. B.M.

These amendment applications have been approved by the State Reclamation Engineer and duly recorded and should be attached to your original permits of which they now form a part.

Your application for permit for 160 inches of water for use on the SE $\frac{1}{4}$ of Section 23, Twp. 11 S., Range 19 E. B.M. will be approved and forwarded to you within a few days.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A/rt
Encls.
CC: Mr. Marshall Chapman

19812

APPLICATION FOR AMENDMENT
TO PERMIT TO APPROPRIATE THE PUBLIC WATERS
OF THE STATE OF IDAHO, No. 19812

Comes now W. B. Savage and represents to the State Reclamation Engineer of the State of Idaho:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho, No. 19812.

That the points of diversion are described in said amended permit as being located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 18, the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 19 (two wells), and the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, Twp. 11 S., Range 19 E. B.M.

That he now requests that an additional point of diversion be added at a point located also in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, Twp. 11 S., Range 19 E. B.M., making two wells in said 40 acre tract.

He also requests that the location of the wells or points of diversion as described in his proof of completion of works be amended to include an additional well in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 19, Twp. 11 S., Range 19 E. B.M.

That his reason for desiring to make such change is because the second well in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 19, Twp. 11 S., Range 19 E. B.M. was actually the first well drilled and it was omitted from the original application and the amendment thereof, and also from the proof of completion of works through an oversight.

That no one will be injured by such change, and that such change will be made at Permit Holder's own risk.

W. B. SAVAGE

Subscribed and sworn to by me this 10th day of January, 1949.

(SEAL)

Dillon W. Later

Notary Public
Boise, Idaho

Date of receipt at Department of Reclamation Jan. 10, 1949

APPROVAL OF STATE RECLAMATION ENGINEER

I, Mark R. Kulp, State Reclamation Engineer of the State of Idaho, hereby approve the above and foregoing application for amendment to Permit to appropriate the Public Waters of the State of Idaho, No. 19812. This approval constitutes a new permit and is issued as an amendment to the original permit, to which it refers, and of which it becomes a part, and said application is approved only insofar as the rights of others will not be adversely affected thereby.

Mark R. Kulp
State Reclamation Engineer

19812

✓
July 29, 1947

Re: Permits Nos. 19812 and 19943

Mr. W. B. Savage
Kimberly, Idaho

Dear Mr. Savage:

We enclose application for amendment from the Permit No. 19812, which has been duly approved by the State Reclamation Engineer and recorded in this Department.

We also enclose Certificate of Completion of Works issued under this Permit for the diversion of 5.2 second feet of water from 4 wells for irrigation and domestic use on the lands described in Sections 18 and 19, Township 11 South, Range 19 East, B. M.

We also enclose Certificate of Completion of Works issued under Permit No. 19943, for the diversion of 2 second feet of water from a well on the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 19, Township 11 South, Range 19 East, B. M. for irrigation and domestic use on the same lands as described in Permit No. 19812.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:FS
Encls.

19812

Permit No. 19812STATE OF IDAHO
Department of Reclamation

Proof of Completion of Works

AFFIDAVIT OF HOLDER

STATE OF IDAHO

County of Ada

} ss.

W. B. Savage

, being first duly sworn, upon his oath deposes and says:

First: That he is the holder and owner of Permit to Appropriate the Public Waters of the State of Idaho, No. 19812, and that his postoffice address is Kimberly, State of Idaho

Second: That the name of the stream from which said water is to be directed is _____

Third: That the point of diversion of said water is in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18, Twp 11, Rge 19; SE $\frac{1}{4}$ NE $\frac{1}{4}$, (2 Wells), and NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 19, Twp 11 S., Range 19 E., B.M.

Fourth: That under the terms and conditions of said permit, construction thereunder was required to be completed by May 4, 1951

Fifth: That the use for which said water is intended is Irrigation and Domestic Purposes

Sixth: That on the date above mentioned, the works constructed under said permit were (or were not) fully completed and consisted of the following:

I. Kind of works: Drilled Wells, pumps and Ditches
(Reservoir, dam, ditch, flume, pipe or otherwise)

II. Dimensions of work: _____

(a) Height of dam _____ feet, length of dam at top _____ feet, length of dam at bottom _____ feet. Material used in construction _____

(State whether wood, earth, stone or concrete)

(b) Capacity of reservoir _____ acre feet.

(c) Size of headgate: Width _____ feet, height _____ feet.

(d) Conduit Ditches width at bottom 2 $\frac{1}{2}$ feet, width at water line 4
(State whether ditch, flume or pipe)

feet, depth of water 1 feet; diameter of pipe _____ inches, average grade per mile is 5.28 feet. Length of conduit is 2 miles.

Seventh: That said works are capable of conducting to the place of intended use 5.2 second feet of water.

Eighth: That water appropriated under said permit is available for 360 acres of land described as follows: SE $\frac{1}{4}$ SW $\frac{1}{4}$, and SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 18, Twp. 11 S., Range 19 E.B.M.; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 19, Twp. 11 S., Range 19 E.B.M. (20 acres each in NW $\frac{1}{4}$ NW $\frac{1}{4}$ and SW $\frac{1}{4}$ NW $\frac{1}{4}$)

Ninth: Remarks: That the works above-described are used in connection with work described in Permit No. 19843

W. B. Savage
(Sign here)

Subscribed and sworn to before me this 23rd day of July, 1947

My commission expires Feb. 16, 1949

William W. Lister
Boise, Idaho Notary Public.

19812

2777

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE

Permit No. ~~19812-19813-19814~~

Date May 10, 1946

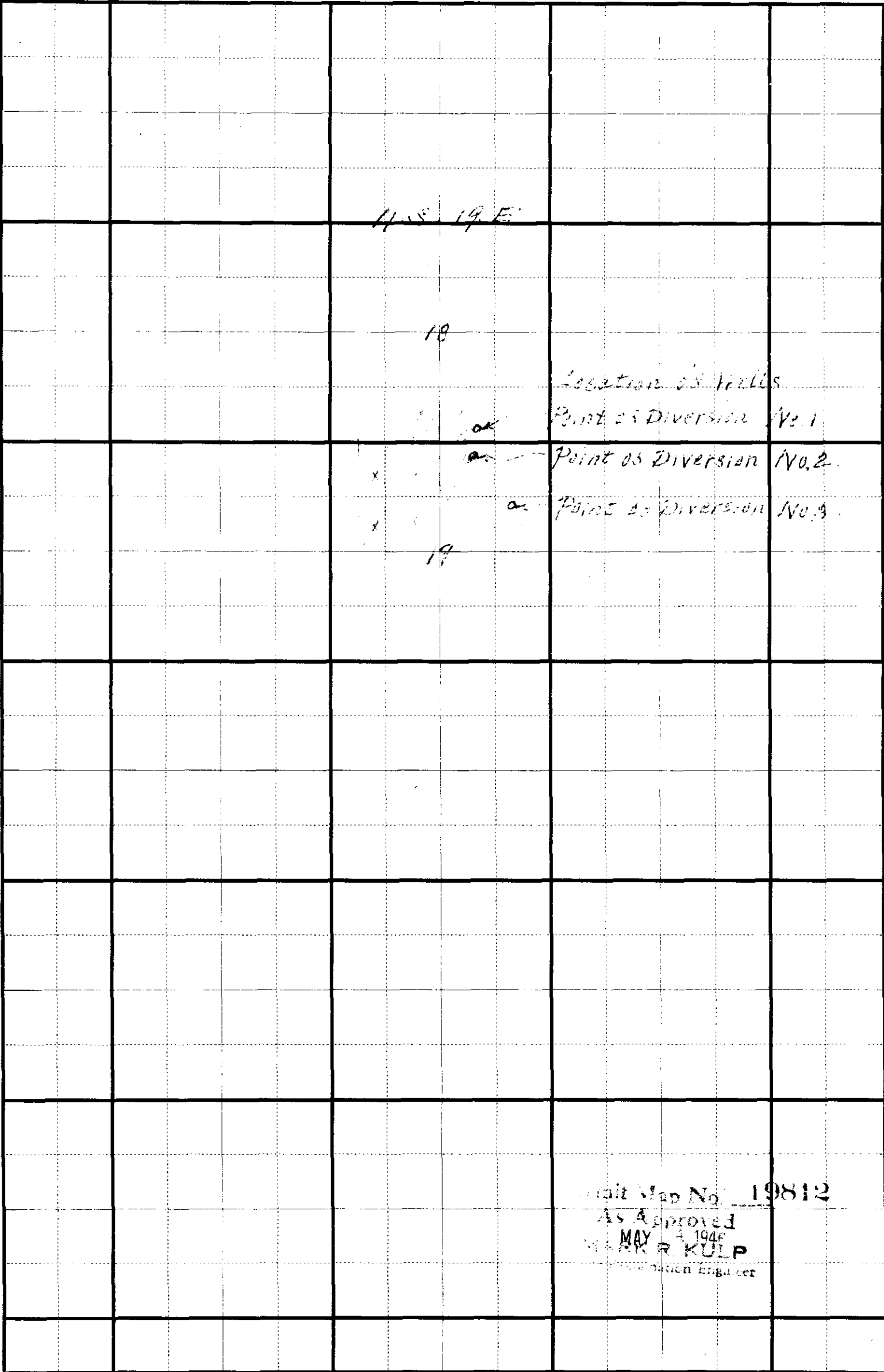
Dear Sir:

We enclose herewith the above numbered permit. BE SURE AND
NOTE LIMITATIONS AND CONDITIONS OF SAME as given under approval of the
State Reclamation Engineer, on the fourth page.

Mr. W. B. Savage
Kimberly, Idaho
Enc. Receipt # 19414

W. K. KULP
State Reclamation Engineer

19812



Well Map No. 19812
As Approved
MAY 4 1946
W. R. KULP
Division Engineer

Well #5 - W.B.S.

U.S. Motor 40 h.p. - 60 cycle - 3 ph - 220v. - 1800 rpm - 98

653306

Reming Pump # 4700 # T 9297 1000 gpm 1750 rpm
100 feet.

A.B. switches American safety switches.

6" x 6" clear flow valve

6" discharge into closed system

Concrete base 4' x 6' Pump set on 1" board on concrete
dismantled pump house

Meter for #5 & #6 Sweep reads 2.9 Rms

Hecho Prov. Type DM6A volts 240 amps 5 line 3

Sec K = 1.2 Sec dial constant .5 R = 41 2/3

Remond reg No closed serial 660388 scale 5.1

Pr 200 Ratio 40:1 mult. read x 20

serial # 4191937

Co No T1017X

20 rpm.

1981/2

Well #5 W.B.S.

#5

In NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 19 T11S. R19E. = South well.

Drilling 8-7-46 Finish 8-30-46.

0 - 10 = top soil

10 - 80 = Rock

80 - 90 = Gravel

90 - 135 = Rock

135 - 185 = Gravel

185 - 195 = Rock

195 - 214 = Gravel

214 - 216 = Rock

185' x 16" hole.

~~31' x 8" hole out~~

186' of 12" pipe exp.

Leaving SD 108 discharge head, # T 7102
40 h.p. 3 ph. motor.

Deep well turbine 140' of 10" x 1 $\frac{1}{2}$ " col. & shaft.
1-3 stage bowl 1-10' x 8" section.

Pipe line = 1173' spiraweld pipe.

160' x 12" " "

" " connects wells #1, 2, 3 and
short way beyond #5.

Q = approx. 100" water stands @ 88'

Pump = 200' down. 8" column 12" bowl 40 h.p. motor

water h. = 83' - 4 yrs ago

= 100' - 1948

159' - Aug 10-49

3 stages

down now to 350' x 8" or probably 10" hole.

alt = 4123'

19812

#4

U.S. Motor 40hp. 60cy. 3ph. 1800 rpm 220V. 98amp

#823332

Deming Pump Fwy 4700 #T9014 750 gpm at 150' 1750 rpm

A.B. controls
switches

Arrow-Hart-Hegeman switches
#27410

Meter Idaho Power Sweep = 4.3 Kilowatts

Type = DM64 V = 240 amps 5 wire 3

Sec K = 1.2 Sec dial constant $\frac{1}{10}$ Rv = $8\frac{1}{3}$

Demand = Reg M 20 Class A read 490425 scale 36

Pr amp = 200 ratio 40:1 Mult. read x 4

read 4407925 Co No T 1005 X. reading 6- rpm.

107' from road center

2959 " cor.

8x8 clearflow valve

8" o.d. discharge

concrete 10'x10' dismantled pump house

198/2

Well ~~W.B.S.~~ W.B.S. #4.

In NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 19, T11, R19E - just north of well #1.

and connects with well #1 & 2 by 12" pipe line

Called hole #5 by Savage & Denton drilling Co. start 5-13-47 finish 6-16-47

water @ 101' stands @ 95' more water @ 155-193'

0-7 - surface
 7-25 - gray lava
 25-60 - bl. lava (boulders)
 60-65 - red lava (firm)
 65-82 - bl. lava (boulders)
 82-92 - gravel & lava (soft)
 92-130 blk lava (firm rock)
 130-143 bl. & red lava
 143-150 mud & gravel
 150-155 Red & Bl. lava
 155-193 Gravel, mud, water
 193-205 Red & bl. lava.

205-222 gravel, mud, sand
 222-235 bl. & red lava (firm)
 235-240 " " " (open, loose)
 240-256 " " "
 256-280 sand & gravel
 280-284 Red, gray, bl. lava, gravel etc
 284-306 sand & gravel
 306-322 bl. & Red lava
 322-345 sand & gravel.
 345-348 Red lava.

Driller - Ted Haynes. Helper - Jack Alexander

Cost 225' x 16" hole @ \$10.00	\$2250.00
123' x 10" " 6.00	738.00
225' of 12" cas.	315.00
perforated from bottom up to 95'	183.75
	3486.75

Pump.

200' x 12" std welded pipe

59'6" of 12" 30# pipe

Q = approx. 100"

h. = 95'

alt = 4125'

19812

Pump = 200'

Water h = 140 m, 20-50 at 93' when dug

Good well last year.
not doing well this year.

8" column 12" bowl 40hp. motor

Well #3 W.B.S.

9m. E¹/₄ NE¹/₄ Sec 19 T11S. R19E. just north of well #2

8' = top soil
8'-89' = Rock
89-105 = gravel
105-150 = Rock
150-230 = gravel
230-235 = Rock

230' of 16" hole @ 10" to John Savage #2300.00
5' " 8" " no charge 150.00
5 days labor 11.00
2 oxygen
#2461.00

230-235 = Rock

222'7" of 12" casg.

10'-8" suction

40' - 8 x 1 1/8 column & shaft

120' - 8 x 1 1/8 column & shaft.

1-5 stage 10LC turbine assy.

Pump - Pomona Deep Well Turbine

30hp. - 1760 rpm - 3ph. - 60 cycle

1800.00
349.60
56.00
2984.89

Total. 5445.89

Output = approx. 50"

water stands @ 100'

235-266 grey lava (hard)
266-305 sand-clay-gravel (soft)
305-326 Bl. lava (firm)
326-335 sand, gravel, clay
335-339 lava boulders
339-346 gravel, clay, soft (caves)
346-365 gravel, sand, bl. lava
365-384 Bl. lava (firm)
384-393 sand, gravel, clay (soft)
393-417 broken up black & grey lava
water.

total depth 417 x 12" hole.

Blowing Deep Well turbine #T 9013
SD 86 discharge head - 40hp. - 1750 rpm.
3ph. - 60 cycle - 220V.

1-3 stage 12" pump bowl w/ suction pipe & shaft
150'-8" x 1 1/4 column & shaft

1-10' x 8" suction pipe

alt = 4130'

1981/2

200' column & all = pump

12" bowl. 8" column 3 stage

148' = my 1950. = water h.

100' at first drilling.

#3 W.B.L.

{ Discharges - 6x6 checkflow valve 6" pipe into closed system 8"

{ approx 20' air column. 4 1/2" O.D. taper 2 1/4" pipe at top.

U.S. Motor 40hp. 60cy. - 3ph. 98amp 1800rpm 220V. 478121

blowing Fig 4700 #T9013 750 gpm 150' 1750 rpm.

One switch and one control box not identified.

Westinghouse line starter. one sq. D. switch

{ 67 1/2" x 6' concrete slab

{ well house dismantled

Meter sweep = 3.2 Kw.

Idaho Pwr. Type DMA6A V. 240 amp 5 wire 3.

Kennard Reg = M20 Class A. Serial 697115 scale 18

Sec K 1.2 Sec dial K = 1/5 Rr 16 2/3

Pic amp = 200 ratio 40:1 Mult. read x 8

serial # 19919462

Co. T 1007X

9-n pm

Co. No. T

19812

Well #2

W.B.S.

0-12' = dirt
12-104' = rock
104-120' = gravel
121-171' = Rock-water
cave @ 142' & 158'
171-210 = gravel
210-288 = Rock
288-322 = Gravel & sand
322-345 = Rock

water level @ 131'6" when drilled
after pumped = 135'

247' x 12" hole
98' x 10" hole

345-352 = Bl. lava
352-373 = R. clay & gravel
375-385 = sand-clay-gravel
385-395 = sand-gravel-water
395-405 = yellow talc (caves)
405-425 = Bl. lava (hard)
425-433 = " " + gravel (caves)
433-447 = " " & Red Lava (broken)

447-478 = gravel & boulders
478-490 = Bl. lava (hard)
490-495 = gravel & sand (soft)
495-510 = Grey lava (hard)
518-540 = Pink lava (firm)
540-553 = Lk grey & pink lava (hard)
553-555 = water - lost cutting)
555-590 = Lk Pink lava & sand (open)
590-610 = Grey lava (hard)
610-630 = Pink lava "
630-641 = Lk grey " "
641-675 = " pink " "
675-680 = Grey "
680-697 = sand spec. lava (soft)
697-705 = Broken Lk lava
705-715 = Lk hard lava

water level = 167 1/2'

alt = 4140'

6" pump down 230'

19812

132' when dug = water. In 2-58 water at 167 1/2"

Pump = 230' column draw down to 210"

No casing 5" column 4" discharge

6" pump (?)

#2 W.B.S.

✓ discharge 4x4 cleeflow valve 4 1/2" d pipe into closed

✓ U.S. motor 25 hp. 60 y 3 ph 220V, 65 amps 1800 rpm ** 341897

Pump. # 4700 # T6303 Fleming.

size 8 300 gpm @ 206' 1750 rpm.

Other Flemings were size 12

Pump house dismantled - Pump rests on concrete base

✓ base = 10' x 10'

Sq. D switch also a General Electric Corp. switch control

Meter sweep = 1.2 Kw.

S.E. meter Type VM-3.5

amps 50 V = 240 cyc 60 3 wire 3 ph.

Kh = 24

27694391

T 1206 X

8 rpm, = 1

19812

Well #1, W.B. - Copied by Y.K. Jfy 21-50

Location = SE cor. of SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 18, Twp. 11, R 19E.

1

Drilling - Start 2-20-47 finish 6-16-47.

Top soil - 17 feet
Rock 17-20 feet
Soft " 20-28 "
Hard " 28-85 "
Brown coarse gravel 85-100 "
Gray Rock 100-168
Water at 168' up to 165'
Gravel 168'-195'
Rock 195'-205'
Drilled 10' farther but
filled up to 205'
Finish 3-1-47

Blue lava 215-255
Red " 255-273
Gravel 273-303
Gravel and
shelly black 303-326
soft lava

5 stage pump.

Driller Loren Page - helper
C.S. Huddleston first part
begin Feb 20-47 finish Mar-47
Finish 326 Jy 16-47

approx 43 yds W of
40 line

Drill cost - Savage & Denton

approx 72 yds N of center
of road

215'-16" hole @ \$10.00 = 2150.00

111'-8" " 4.00 = 444.00

35 hrs cleaning hole etc 210.00 = 2804.00

Pomona deep well turbine

Motor = G.E. Type KF - 50 H.P. - ~~1800~~ r.p.m. - 3 ph. - 60 cy. - V =
circuit

water stands @ 165'

alt = 4125'

at

Output = approx 85" - tests vary - part time = 40"

Meter.

Well #1

Drilling Log

how

depth

rock

water

198/2

✓ G.E. Motor 50 h.p. 3 ph. 60 cycle
model 31E227 220V - 120 amps Type K 1765 r.p.m.

Serial XC6678230

✓ Pump. Pomona Fairbanks Morse
8" column 205' of column
1 3/8" shaft 198' to water
10' suction pipe Pump = 215' down drain down unknown to bottom of pump.

Meters

Type DM6A. volts 240 amps 6 wire 3

Sec K. = 1.2 Sec dial constant = 1/10 Rn = 8 1/3

Kennard Reg M20 Class D: serial # 680684 scale 26

Full amps 200 ratio 40:1 mult. read x 4

Serial # 478 4958 scale sweeps 7+ Kilowatts

10 rpm of dial = power reading

Westinghouse safety switch
starter

has been pump house (dismantled)
✓ No pump house - concrete base - approx 9' x 10'

✓ Discharges into 8" dia x 54 yds to NE into wooden sump
approx 4' x 4' x 2'