



**KLAM 58848**

**WELL TEST REPORT**

INTERSTATE PUMP CO.  
West Hitchcock Corporation  
677 South Seventh Street  
Klamath Falls, Oregon

For: Lloyd L. + A. W. Lamborn  
HARRIS FARMS, INC.

Date Tested 4/16, 1960

BONANZA, OREGON.

Location of Well SWAN LAKE  
Inside Diameter 18" Depth 250'  
Feet of          Inch Casing. Driller W. L. HARTLEY & SON  
Feet of 110 Inch Column and 8 Stage 2 Inch Bowls. 14  
Installed by Roy HELMER & J. P. FOSTER  
Static Water Level at Start of Test 118'

Capacity GPM	Pumping Level	Drawdown	Time	Condition of Water (Sandy, Muddy, Clear, etc.)
2700	118'-9"	9"	2-hrs.	Clear
				Temperature <u>        </u> °

Static Water Level After Pump Removed 118'

REMARKS: From experience with other wells in this area we can safely  
estimate that this well will produce 4,000-gpm from a pumping  
level of not more than 125'.

Signed by INTERSTATE PUMP CO.  
Arthur W. Reed

EXPENDITURES FOR PROJECT #1

PERMIT NO U-343

PERMIT TO APPROPRIATE THE UNDERGROUND WATERS  
OF THE STATE OF OREGON

Prior to 1960

Well No. 7, Liskey Well	8,366.00
Well No. 3, Lone Rock Well	8,076.81
Well No. 6, Hamaker Well	10,160.00
Well No. 12, Mitchell Well	10,013.90
Drain Canal	4,200.00
Leveling	50,000.00
Ditching	8,000.00
Bulldozer Work in Drain Canal	400.00

1960

This Well

Well No. 8, Swan Lake Junction Well, Drilling	4,509.00
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1961

Well No. 8, Swan Lake Junction well, Pump & Wiring	5,437.79
Leveling 100 acres @ \$50.00/acre	5,000.00
Ditching	1,000.00

1962

Leveling 120 acres 70 Hrs @ \$12.00	840.00
Leveling 170 acres @ \$50.00/acre	8,500.00

\$124,503.50

WELLS AND PUMPS FOR PROJECT NO. 1

PERMIT U-343

PERMIT TO APPROPRIATE THE UNDERGROUND WATERS

OF THE STATE OF OREGON

	7	3	6	12	<i>This Well</i> 8
Well No.	7	3	6	12	8
Name of Well	Liskey	Lone Rock	Hamaker	Mitchell	Swan Lake Junction
Dia of Well, In.	16	18			18
Depth of Well, Ft.	276	224	250	276	249
Yield Per Test, GPM	2400	2968	3100	3000	2700
Yield with Present Equip., GPM	2400	2968	3100	3000	2700
Type of Pump	Elect	Elect	Elect	Elect	Elect
H.P. of Pump	75	100	100	100	100
Water Level Below Ground, Ft.	80	94	100	100	118
Manufacturer of Pump	U.S.	Peerless	Johnson	Peerless	Peerless

Hammer well

Pump: Johnston Turbine, 12" dia.  
 Motor: V.S. 100 hp @ 1800 RPM, 3φ

Diverts into pond; repumps to sprinkler field adjacent to pump.

Pump: Moore Run Mod. 4W PBL-6 1/8 cent dia. 5 1/4"  
 Motor: Century 30 hp @ 3500 RPM, 3φ

Pipe: 600' x 7" DI    4,620' x 4" DI.  
           740' x 6" DI.

Heads: 154 Moore Run #20, 5732 3/32'

Remainder of water put into ditch for gravity irrig. as shown on survey -

Lone Rock well -

Has air line & gauge to measure SWC

Pump: Peerless turbine 12" dia.

Motor: US 100 hp @ 1800 RPM 3φ

Swan Lake Junction well: 18" casing

This Well

Has open casing to provide means to measure SWC

Pump: Peerless Turbine ~~12~~ 12" dia.

Motor: US 100 hp @ 1800 RPM 3φ

*Handwritten notes:*  
This Well  
38/11-6 L  
38/10-23 H

FARM MORTGAGE DEPARTMENT

A. DESCRIPTION OF PUMPING FACILITIES	Well No. #1 "Hamaker"	Well No. #2 Thomas	Well No. #3 Lone Rock	Well No. #4 Swan Lake Junction 1961
<b>1. WELLS:</b> Year drilled				1961
Depth	330 ft.	135 ft.	225 ft.	250 ft.
Depth cased	330 ft.	135 ft.	225 ft.	250 ft.
Size casing (gauge and diameter)	ga.x 16 in.	ga.x 16 in.	ga.x 18 in.	ga.x 18 in.
Length perforated	-- ft.	-- ft.	ft.	ft.
Depth to water level when completed	90-100 ft.	101 ft.	98-100 ft.	99' 3" ft.
<b>2. PUMPS:</b> Year installed				1961
Make	Johnston	Peerless	Peerless	Peerless
Serial # of Pump	Ser. #2029333	#J-37005	#J-37631	#192386
Original bowl setting (depth)	ft.	ft.	ft.	ft.
Column size (diameter)	in.	in.	in.	in.
Suction pipe length	ft.	ft.	ft.	ft.
<b>3. DRIVE:</b> Make of motor & Serial #	U.S. Electric #851613	U.S. Electric #89557-4	U.S. Electric #879630	U.S. Electric #1220871
Age				
Horse-power	100	75	100	100
Kind of fuel	Electricity	Electricity	Electricity	Electricity
Current cost of fuel per unit (gal., kw., etc.)	\$1,080.	\$823	\$1,080	\$1,080
<b>B. ORIGINAL COST OF FACILITIES, Total</b>	\$ _____	\$ 10,000.	\$ _____	\$ _____
Well	\$ _____	\$ _____	\$ _____	\$ _____
Pump	_____	_____	_____	_____
Power unit & drive connection	_____	_____	_____	_____
Sprinkler system	_____	_____	_____	_____
<b>C. RESULTS OF PUMPING TESTS</b>				
Date of most recent test				
By whom made				
Discharge (Gal. per minute)	2700	2100	3,000	2700
Drawdown, ft.	(No Seasonal drawdown detected by all 6 units)			
Water pumping level, ft.	90-100	99' 8"	98-100	99' 3"
No. hours pumped during test				

D. ACRES IRRIGATED (Midseason basis) 2,184 plus 1,800 sub-irrigated lake bottom.

E. REMARKS (comment on adequacy of facilities and plans for future development)  
All units have been installed within the last 10 years. Average cost of each unit is \$10,000. All units are anchored in cement and are in excellent condition. All irrigation except one well is by flood irrigation. All units are complete with starting switches and master switches.

Date \_\_\_\_\_

Applicant \_\_\_\_\_

