

STATE ENGINEER
Salem, Oregon

UMAT
4691

OBSERVATION WELL Well Record

STATE WELL NO. 6N/35-26C(2)
COUNTY Umatilla
APPLICATION NO. GR-1295

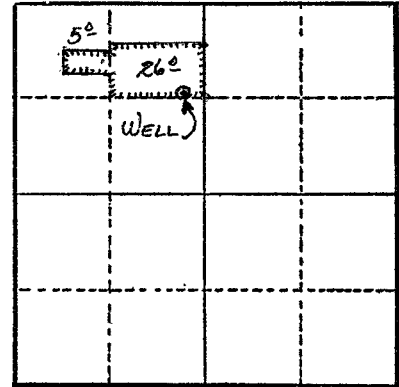
GR-1252

OWNER: Earl Ransom MAILING ADDRESS: Rt. 3, Box 208

LOCATION OF WELL: Owner's No. CITY AND STATE: Milton-Freewater, Oregon

NE 1/4 NW 1/4 Sec. 26 T. 6 N. 35 R. 35 W., W.M.

Bearing and distance from section or subdivision
corner 290' W. & 26' N. from SE cor. of NE 1/4 NW 1/4
of Section 26.



Section 26

Altitude at well 900 ft.

TYPE OF WELL: Dug & Drilled Date Constructed Prior to 1922

Depth drilled 110 ft. Depth cased 44 ft.

CASING RECORD:

8 x 8 ft. concrete from 0 to 10 ft.
8 inch from 36 to 44 ft.

FINISH:

AQUIFERS:

WATER LEVEL:

20 ft. (July)

PUMPING EQUIPMENT: Type Cent. (Pressure) H.P. 7 1/2
Capacity 150 G.P.M.

WELL TESTS:

Drawdown 12 ft. after _____ hours 150 G.P.M.
Drawdown 25 ft. after _____ hours 400 G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19____

SOURCE OF INFORMATION G. R. Record

DRILLER or DIGGER _____

ADDITIONAL DATA:

Log _____ Water Level Measurements Chemical Analysis _____ Aquifer Test _____

REMARKS:

Log: Dirt 0 to 10 ft.
Cement gravel 10 to 56 ft.
Water gravel 56 to 60 ft.
Cement gravel 60 to 100 ft.
Water gravel 100 to 106 ft.
Cement gravel 106 to 110 ft.

Irrigation of 31 acres.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

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GROUND WATER BRANCH

COUNTY Umatilla

STATE Oregon

WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS

6N/35-2602. Earl Ransom. Dug and drilled irrigation water-table well in gravel, size 6 by 6 feet to 8-inch diameter, depth 46 feet. Land-surface datum is 867.12 feet above msl. NP is tip of 1x4 stringer, 0.48 ft above msl

Highest water level 7.81 below lsd May 25 19 39; lowest 28.75 below lsd Apr 26 19 41
Records available 1933- Water level Feet below lsd

Date	Water level	Date	Water level	Date	Water level	Date	Water level
1955		July 19	14.34	1958		Aug 20	16.74
Jan. 17	21.99	Aug 20	17.29 ^a	Jan 18	20.27	Sept 22	16.41
Mar. 3	24.08	Sept 19	15.39	Feb 20	18.17	Oct 20	16.36
Apr. 11	22.67	Oct 20	18.55	Mar 20	21.97	Nov 20	22.27
May 9	24.62	Nov 21	22.83	Apr 24	25.20	Dec 22	21.22
June 15	11.22	Dec 21	17.83	May 24	25.52	1960	23.32
July 15	13.14	1957	20.75	June 23	19.41	Jan 21	22.02
Aug. 19	22.23	Feb 2	18.60	July 22	16.37	Feb 20	21.77
Sept. 19	16.08	28	17.57	Aug 18	15.37	May 21	24.50
Oct. 21	18.15	Mar 20	18.96	Sept 19	20.22	Apr 20	20.98
Nov. 22	18.02	Apr 25	21.70	Oct 20	14.84	May 21	19.57
Dec. 24	17.16	May 23	21.26	Nov 20	21.24	June 20	15.00
1956		June 20	19.14	Dec 20	24.02	July 20	18.59
Jan 18	14.26	June 20	15.95	Dec 20	23.07	Aug 22	18.57
Feb 21	18.47	Aug 2	19.95	1959		Sept 20	14.97
Mar 24	21.57	Sept 2	19.97	Mar 20	23.29	Oct 20	16.12
May 5	15.84	Sept 23	15.34	Apr 20	22.82	Nov 20	20.98
May 19	26.08	Oct 21	21.52	May 20	17.59	Dec 20	23.81
June 21	13.64	Nov 25	24.59	June 20	14.44	Dec 20	25.06
		Dec 19	24.71	July 20	19.91		

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GROUND WATER BRANCH

COUNTY Umatilla

STATE Oregon

WATER LEVELS AND ARTESIAN PRESSURES IN OBSERVATION WELLS

6N/35-2802 Earl Ransom

Highest water level _____ 19____; lowest _____ 19____
Records available _____ Water level _____

Date	Water level	Date	Water level	Date	Water level	Date	Water level
<u>1961</u>							
<u>Jan 20</u>	<u>18.76</u>						
<u>Feb 20</u>	<u>25.85</u>						
<u>Mar 20¹</u>	<u>23.37</u>						
<u>Apr 20</u>	<u>21.07</u>						
<u>May 20</u>	<u>21.72</u>						
<u>June 20</u>	<u>13.95</u>						
<u>July 20</u>	<u>16.62</u>						
<u>Aug. 21</u>	<u>17.91</u>						
<u>Sept 20</u>	<u>14.61</u>						
<u>Oct 20</u>	<u>17.80</u>						
<u>Dec 20</u>	<u>21.40</u>						

Water Level Record

OWNER: Earl Ransom OWNER'S NO. _____

Description of measuring point: (1933-1934) NAIL IN VERT. FACE OF WOOD BLOCK COVER - S. SIDE ALT. - 867.61'

(10-23-35) TOP OF WELL COVER CENTER OF W. SIDE OPEN SLOT - ALT. 867.7' L.S.D. ALT. - 867.1'

(1936) M.P. TOP OF TEE IN GALV. IRON PIPE AT S.E. COR. OF WELL 0.6' ABOVE L.S.D. & ALT. - 867.72' USGS

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks	
8-18-33	19.36	WSP-777	1936-12-10	22.05	WSP-817 1938 THRU 1948 ON NEXT PAGE	
9-4-33	17.37	✓	3-3-49	21.61		
10-2-33	14.13	✓	4-18	22.20		
12-5-33	19.65	✓	5-20	12.79		
1-4-34	16.04	✓	7-7	14.34		
11-9-35	19.83	✓	9-10	14.95		
12-7-35	26.92	✓	10-15	19.07		
-1936-1-10	18.86	WSP-817	11-28	24.72		
2-8	19.02	✓	2-17-50	23.82		WSP 1169
3-7	10.17	✓	3-15-50	19.35		"
4-11	18.77	✓	4-24-50	20.99	"	
5-8	11.99	✓	5-17-50	17.87	"	
6-4	9.27	✓	6-12-50	11.87	"	
7-10	15.12	✓	7-20-50	13.74	"	
8-11	25.89	✓ PUMP ON	8-21-50	15.82	"	
8-27	26.08		9-27-50	12.18	"	
9-17	18.98		10-23-50	17.19	"	
10-9	16.00		12-20-50	18.84	"	
11-12	23.69					

REMARKS: _____

Water Level Record

OWNER: EARL RANSOM FORMERLY BOERSTLER EST. OWNER'S NO. _____

Description of measuring point: (3) TOP OF TREE IN ONLY IRON PIPE AT S.E. COR. OF WELL 0.6' ABOVE L.S.D. AT 867.72'

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
1937			1938		
1-15	20.38	WSP-840	8-13	20.71	WSP-845
2-15	11.60	✓	9-12	17.89	✓
3-10	17.64	✓	10-14	16.87	✓
4-13	22.19	✓	11-11	23.02	✓
5-8	18.17	✓	12-10	20.65	✓
6-12	11.60	✓	1939		
7-24	21.73	✓	1-12	22.86	WSP-886
8-31	19.09	✓	2-13	21.03	✓
9-16	17.04	✓	3-11	23.41	✓
10-10	24.62	✓	4-15	17.88	✓
12-10	22.17	✓	5-25	7.81	✓
1938			6-14	11.83	✓
1-10	21.12	WSP-845	7-12	17.86	✓ PUMPING
2-11	22.22	✓	8-24	21.15	✓
3-7	20.25	✓	9-12	19.38	✓
4-9	24.78	✓	10-13	17.80	✓
5-13	15.34	✓	11-11	25.01	✓
6-11	10.40	✓ WELL DREGANED TO 110' BELOW L.S.D.	12-13	26.95	✓
7-12	17.59	✓ PUMPING			

REMARKS: _____

Water Level Record

OWNER: EARL RANSOM FORMERLY BOERSTLER ESTATE OWNER'S NO. _____

Description of measuring point: M.P. #3 SAME L.S.D. = 867.12'

Date	Water Level Feet (above) Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) Feet (below) Land Surface	Remarks
1940-			1941-		
1-11	17.99	WSP-910	7-10	17.59	WSP-940 PUMANS
2-10	13.92	✓	8-26	20.37	✓
3-13	18.20	✓	9-9	16.49	✓
4-10	20.76	✓	10-11	19.48	✓
5-25	12.62	✓	11-10	23.44	✓
6-12	15.07	✓	12-9	23.80	✓
7-12	25.67	✓	1942-		
8-27	21.65	✓	1-12	18.83	WSP-948
9-10	19.24	✓	2-11	19.66	✓
10-11	19.58	✓	3-24	26.22	✓
11-13	26.03	✓	4-25	21.05	✓
12-11	23.36	✓	5-26	12.47	✓
1941-			6-10	15.73	✓
1-11	21.59	WSP-940	7-11	14.58	✓
2-11	25.63	✓	8-11	15.75	✓
3-11	28.30	✓	9-11	19.72	✓
4-26	28.75	✓	10-10	20.14	✓
5-10	16.41	✓	11-10	17.74	✓
6-25	12.71	✓	12-15	16.15	✓

REMARKS: _____

Water Level Record

OWNER: EARL RANSOM FORMERLY BOERSTLER ESTATE OWNER'S NO. _____

Description of measuring point: M.P. #3 SAME - L.S.D. = 867.12'

M.P. #4 (2-11-44) TOP OF N. EDGE OF 4"x4" STRINGER, 0.48' ABOVE L.S.D.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks	
1943-			1946-			
1-14	18.82	WSP-990	4-19	19.67	WSP-1075	
2-18	19.44	✓	5-18	12.30	}	
3-19	20.24	✓	6-26	14.19		PUMPING
4-15	21.04	✓	7-19	16.92		✓
5-10	17.69	✓	8-22	19.07		
6-24	9.90	✓	9-20	17.01		
9-25	17.45	✓	10-21	22.04		
11-1	18.70	✓	11-26	17.44		
1944-			12-22	18.86		
1-22	20.65	WSP-1020	1947-			
12-11	27.67	✓	1-9	14.82		WSP-1100
1945-			2-11	17.72	}	
2-11	19.90	WSP-1027	3-3	20.68		
5-2	20.33	✓	4-8	18.84		
6-4	13.72	✓	5-1	18.83		
7-6	16.18	✓ PUMPING? ↗	6-3	12.98		
8-11	27.26	✓	7-9	16.59		
9-12	17.27	✓	8-12	17.25		PUMPING
10-8	18.19	✓	9-10	15.40		
11-20	26.16	✓				
12-14	25.09	✓				

REMARKS: _____

Water Level Record

OWNER: EARL RANSOM FORMERLY BOERSTLER EST. OWNER'S NO. _____

Description of measuring point: M.P. #4 SAME 0.48' ABOVE L.S.D.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
1947- 10-8	18.15	WSP-1100			
11-19	21.98	✓			
12-19	21.99	✓			
1948- 1-23	20.85	WSP-1130			
3-4	21.15	}			
4-6	22.04				
5-12	20.26				
7-29	15.02				
9-20	14.35				
11-5	22.30				

REMARKS: _____

Water Level Record

OWNER: Earl Ransom OWNER'S NO. _____

Description of measuring point: _____

USGS

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks	
1-25-51	20.66	WSP 1195	5-28-53	15.57	WSP-1269	
8-7-51	18.12	"	6-27-53	14.84	}	
9-8-51	14.64	"	8-1-53	15.29		
10-15-51	16.35	"	9-31-53	13.91		
1-31-52	19.44	WSP 1225	9-3-53	15.19		
3-7-52	24.29	"	10-31-53	18.47		
4-18-52	21.89	"	12-5-53	22.94		
5-17-52	14.77	Pumping "	12-30-53	23.86		
6-23-52	10.67	"	2-13-54	22.96		WSP-1325
7-18-52	12.82	"	3-10-54	24.52		}
8-27-52	17.65	Pumping "	4-2-54	26.72		
9-26-52	14.47	"	5-4-54	18.92		
10-13-52	21.39	"	6-9-54	9.69		
11-29-52	20.40	"	7-12-54	15.18		
1-10-53	18.81	WSP-1269	8-16-54	17.34		
2-9-53	21.09	"	9-17-54	14.97		
4-2-53	22.27	"	11-2-54	19.65		
4-23-53	23.00	"	12-23-54	24.08		

REMARKS: _____

