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STATE ENGINEER,
SALEM, OREGON

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WATER WELL DRILLERS REPORT
STATE OF OREGON

Do Not State Well No. 5N/25 6D(1)
Fill In 199 State Permit No. 655

(1) OWNER:

Name Ernest Key
Address Rt 2 Umatilla Co. Freewater Ore

(2) LOCATION OF WELL:

County Umatilla Owner's number, if any— #3
R. F. D. or Street No.

Bearing and distance from section or subdivision corner: fall in the NW 1/4 of NW 1/4 of Sec 6 T5 NR 35 E4M.
81 feet south 41° 20' east of the NE corner of the NW 1/4 of NW 1/4

(3) TYPE OF WORK (check):

New well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) EQUIPMENT:

Rotary
Cable
Dug Well

(6) CASING INSTALLED:

FROM	ft. to	ft.	Diam.	ft.	Gage or Wall	Diameter of Bore	from ft.	to ft.
0	202	202	12"					
"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"

If gravel packed

Diameter of Bore	from ft.	to ft.

Type and size of shoe or well ring
Describe joint Casing Cemented

(7) PERFORATIONS:

Type of perforator used None

SIZE of perforations	in., length, by	in.
FROM ft. to ft.	perf per foot	No. of rows
" " "	" " "	" " "
" " "	" " "	" " "
" " "	" " "	" " "
" " "	" " "	" " "

SCREENS:

Give Manufacturer's Name, Model No. and Size None

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth _____ ft.
Were any strata sealed against pollution? Yes No
If yes, note depth of strata
FROM 0 ft. to 202 ft.

METHOD OF SEALING Cement & Drillings

(9) WATER LEVELS:

Depth at which water was first found 210 80 ft.
Standing level before perforating _____ ft.
Standing level after perforating _____ ft.
Log Accepted by:

[Signed] Ernest Key dated April 8, 1956
Owner

(10) WELL TESTS:

Was a pump test made? Yes No If yes, by whom? Yager
Yield: 504 gal./min. with 64' 8" ft. draw down after 7 1/2 hrs.
" 666 " 97' " " "
" 736 " 1135 " " "
Artesian flow _____ g.p.m.
Shut-in pressure _____ lbs. per square inch.
Bailer test _____ g.p.m. with _____ ft. drawdown
Temperature of water 63 Was a chemical analysis made? Yes No
Was electric log made of well? Yes No

(11) WELL LOG:

Diameter of well,	ft.	Soil
12	625	Soil
0 ft. to 37		Soil
37 "	73 "	Cemented Gravel (Water)
73 "	87 "	" " "
87 "	143 "	brown basalt
143 "	182 "	blue shale
182 "	260 "	Black Basalt <u>37' SWL</u> (Water)
260 "	280 "	gray basalt hard
280 "	346 "	" " Med.
346 "	385 "	" " hard
385 "	394 "	black basalt med.
394 "	411 "	gray " hard
411 "	420 "	black " med. (water)
420 "	433 "	gray " Med.
433 "	444 "	blk. " "
444 "	442 492	gray " hard
492 "	506	blk. " med.
506 "	521	brown " soft.
521 "	572	gray " med.
572 "	592	blk. " honey comb (Water)
592 "	625	gray " hard

Static Water Level
Before Pumping 36' 6"
After " " " "
" " " "
" " " "

Ground elevation at well site Approx 777 feet above mean sea level.
Work started Sept. 12 1955 Completed March 13 1956
March 5

Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Yager Drilling Co
(Person, firm, or corporation) (Typed or printed)

Address Rt. 3 Box 347-D Walla Walla Wn.
Driller's well number 155

[Signed] Harold Yager
(Well Driller)
License No. 155 Dated Mar 20 1956, 19

Ernest Key
(Signature of Applicant)

Milton Freewater Ore
(Address)

STATE ENGINEER
Salem, Oregon



UMAT 3958 Well Record

STATE WELL NO. 5N/35-6D(1)
COUNTY Umatilla
APPLICATION NO. G-55

OWNER: Ernest Key

MAILING ADDRESS: Rt. 2 Box 104

LOCATION OF WELL: Owner's No. 3

CITY AND STATE: Milton-Freewater, Oregon

NW 1/4 NW 1/4 Sec. 6 T. 5 N. 35 E. W.M.

Bearing and distance from section or subdivision
corner S.81°41'20"E. 1261' from NW cor. sec. 6

o			
D(1)			

Section 6

Altitude at well _____

TYPE OF WELL: Drilled Date Constructed 9/55-3/56

Depth drilled 625' Depth cased 202'

CASING RECORD:
12 inch

FINISH: Open hole below casing

AQUIFERS:
Basalt

WATER LEVEL:
36 1/2 feet in March 1956

PUMPING EQUIPMENT: Type Turbine H.P. 40
Capacity _____ G.P.M.

WELL TESTS:

Drawdown	<u>64'8"</u>	ft. after	<u>7 1/2</u>	hours	<u>504</u>	G.P.M.
Drawdown	<u>97</u>	ft. after	<u>7 1/2</u>	hours	<u>666</u>	G.P.M.
Drawdown	<u>113'5"</u>	ft. after	<u>7 1/2</u>	hours	<u>736</u>	G.P.M.

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

SOURCE OF INFORMATION Drillers report G-154

DRILLER or DIGGER Yager Drilling Co.

ADDITIONAL DATA:
Log Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

STATE ENGINEER
Salem, Oregon

State Well No. 5N/35-60(1)
County UMATILLA
Application No. U 55

Well Log

Owner: Ernest Key Owner's No. _____

Driller: Yaga Drilling Co. Date Drilled Sept 55 - Mar 56

CHARACTER OF MATERIAL	(Feet below and surface)		Thickness (feet)
	From	To	
Soil	0	37	37
Gravel, cemented, water bearing	37	73	26
do.	73	87	14
Basalt, brown	87	143	56
Shel., blue	143	182	39
Basalt, black, water level 37' below LSP	182	260	78
Basalt, gray, hard	260	280	20
Basalt, gray, medium	280	346	66
Basalt, gray, hard	346	385	39
Basalt, black, medium	385	394	9
Basalt, gray, hard	394	411	17
Basalt, black, medium, water bearing	411	420	9
Basalt, gray, medium	420	433	13
Basalt, black, medium	433	444	11
Basalt, gray, hard	444	492	48
Basalt, black, medium	492	506	14
Basalt, brown, soft	506	521	15
Basalt, gray, medium	521	572	51
Basalt, black, honey combed, water	572	592	20
Basalt, gray, hard	592	625	33



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301
(503) 986-0900
www.wrd.state.or.us

Application for
Well ID Number

Do not complete if the well already has a Well I.D Number.

I. OWNER INFORMATION

Current Owner Name (please print): City of Milton Freewater
Mailing Address: P.O. Box 6, 501 Lamb
City: Milton-Freewater State: OR Zip: 97862
Mailing Address (to send Well I.D.):
City: State: Zip:

II. WELL INFORMATION (Do not complete this section if the well report is attached.)

Township: 5 (North/South) Range: 35 (East/West) Section: 6
Tax Lot: County: Umatilla NW 1/4 NW 1/4
Street Address of Well: City:
Owner at time the well was constructed, (if known): Ernest Key
If the property had a different street address in the past: Rt 2, Box 104

III. GENERAL WELL INFORMATION (Do not complete this section if the well report is attached)

Use of Well (domestic, irrigation, commercial, industrial, monitoring): unused
Date Well Constructed: 3/56 Total Well Depth: 625' Casing Diameter: 12"
Other Information:

SUBMITTED BY (please print): Marc A Norton - GW Section Salem office
PHONE: FAX:

L 101426 UMAT 3958

Send application to Oregon Water Resources Department; 725 Summer St NE, Suite A; Salem, Oregon 97301-1266; fax (503) 986-0902. Applications are processed and Well I.D. Numbers are mailed every Wednesday.

For Official Use Only by the Oregon Water Resources Department:
Received Date: Well Log Number: Well Identification #: