STATE ENG
SALEM, OREGON

G-4

(1) OWNER:

Name GEORGE IVOR REES WILLIAMS

Address Box 126 Route #1
WALLA WALLA WASH

UMAT 4864

(2) LOCATION OF WELL:

County UMATILLA Owner's number, if any—

R. F. D. or Street No. UMAPINE

Bearing and distance from section or subdivision corner
1294 feet from SW Corner of the Lot half of the NW quarter of Sec 32 Twp 6N R33

(3) TYPE OF WORK (check):

New well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

(5) EQUIPMENT:

Rotary [ ]
Cable [X]
Dug Well [ ]

(6) CASING INSTALLED:

Threaded [ ] Welded [X]

FROM	ft. to	ft.	Diam.	Gage or Wall
0	520		10"	1/4"
515	635		8"	5/16"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

Type and size of shoe or well ring Standard

Describe joint

If gravel packed

Diameter of Bore	from ft.	to ft.
—	"	"
	"	"
	"	"
	"	"
	"	"

Size of gravel:

(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

(8) CONSTRUCTION:

Was a surface sanitary seal provided? [X] Yes [ ] No To what depth ft.

Were any strata sealed against pollution? [ ] Yes [ ] No

If yes, note depth of strata

FROM 0 ft. to 100 ft.
" " "

METHOD OF SEALING Baling mud around pipe

(9) WATER LEVELS:

Depth at which water was first found 80 ft.

Standing level before perforating ft.

Standing level [redacted] 182 ft.

Log Accepted by:

[Signed] ..... Dated ....., 19.....
Owner

Was a pump test made? [X] Yes [ ] No If yes, by whom? Drillc.

Yield:	gal./min. with	ft. draw down after	hrs.
"500	" 28	" 8	"
"	"	"	"

Artesian flow — g.p.m.

Shut-in pressure — lbs. per square inch.

Bailer test — g.p.m. with ..... ft. drawdown

Temperature of water Was a chemical analysis made? [ ] Yes [X] No

Was electric log made of well? [ ] Yes [X] No

(11) WELL LOG:

Diameter of well, 10 inches.

Total depth 715 ft. Depth of completed well 715 ft.

Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

ft. to	ft.	
0	32	Top Soil
32	185	Gravel & Clay
185	189	Caving Gravel
189	225	Gravel & Clay
225	503	Gray Clay
503	520	Brown Clay & Broken Rock
520	530	Black Basalt
530	550	Broken Basalt (Black)
550	588	Black Basalt
588	635	Caving Black Basalt
635	640	Black Basalt
640	650	Caving Black Basalt
640	650	Cemented
650	697	Black Basalt
697	715	Caving Black Basalt
697	715	Water Bearing

Ground elevation at well site 925 feet above mean sea level.

Work started Dec. 20 1954 Completed NOV 12 1955

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 Heitstuman Bros.
(Person, firm, or corporation) (Typed or printed)

Address Milton-Freewater, Oreg.

Driller's well number [redacted]

[Signed] Albert L. Heitstuman
(Well Driller)

License No. 146 Dated Dec 5, 1955

STATE ENGINEER
Salem, Oregon

UMAT 4864

Well Record

STATE WELL NO. 6N/35-32E(1)
COUNTY UMATILLA
APPLICATION NO.

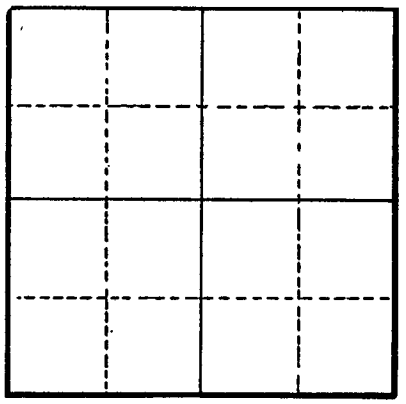
OWNER: George Williams
MAILING ADDRESS: Rt 1, Box 126
CITY AND STATE: Walla Walla, Wash

LOCATION OF WELL: Owner's No.

SW ¼ NW ¼ Sec. 32 T. 6 N. R. 35 E. W.M.

Bearing and distance from section or subdivision corner

Altitude at well



TYPE OF WELL: Drilled Date Constructed Dec 54-Nov 55

Depth drilled 715 Depth cased 635

Section 32

CASING RECORD:

10-inch, set from 0 to 520 feet
8-inch, set from 515 to 635 feet

FINISH:

Open hole below casing

AQUIFERS:

Basalt

WATER LEVEL:

142 feet below land surface, November 1955

PUMPING EQUIPMENT: Type H.P.
Capacity G.P.M.

WELL TESTS:
Drawdown 38 ft. after 8 hours pumping 500 G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. °F., 19
SOURCE OF INFORMATION well Drillers Report
DRILLER or DIGGER Heitstuman Bros.
ADDITIONAL DATA:
Log X Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

State Printing 89316

STATE ENGINEER
Salem, Oregon

State Well No. 6N/35-32 (1)
County UMATILLA
Application No. .....

Well Log

Owner: George Williams Owner's No. .....

Driller: Heitstuman Bros. Date Drilled Dec 54 - Nov 55

CHARACTER OF MATERIAL	(Feet below land surface) From	To	Thickness (feet)
Soil	0	32	32
Gravel and clay	32	185	153
Gravel, caving	185	189	4
Gravel and clay	189	225	36
Clay, grey	225	503	278
Clay, brown, and broken rock	503	520	17
Basalt, black	520	530	10
Basalt, black, broken	530	550	20
Basalt, black	550	588	38
Basalt, black caving	588	635	47
Basalt, black	635	640	5
Basalt, black, caving, cemented	640	650	10
~~Cement rock~~	~~650~~	~~699~~	~~47~~
Basalt, black	650	697	47
~~Basalt~~, black, caving,	~~697~~	~~716~~	—
~~Basalt~~, water bearing	697	715	18