

TO: Water Rights Section

December 26, 2000

FROM: Ground Water/Hydrology Section

Marc A. Norton

Reviewer's Name

SUBJECT: Application G- 15121

GROUND WATER/SURFACE WATER CONSIDERATIONS

1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a ground water source hydraulically connected to the surface water.
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed ground water use from well #2
 - a. ___ will, or have the potential for substantial interference with the nearest
 - b. will not surface water source, namely UnNamed trib to Brucklee; or
 - c. ___ will if properly conditioned, adequately protect the surface water from interference:
 - i. ___ The permit should contain condition #(s) _____;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
 - d. ___ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUND WATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that ground water for the proposed use from well #2
 - a. ___ will, or likely be available in the amounts requested without injury to prior rights
 - b. ___ will not and/or within the capacity of the resource; or
 - c. will if properly conditioned, avoid injury to existing rights or to the ground water resource:
 - i. The permit should contain condition #(s) 7B, 7I;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
4.
 - a. ___ THE PERMIT should allow ground water production from no deeper than _____ ft. below land surface;
 - b. ___ The permit should allow ground water production from no shallower than _____ ft. below land surface;
 - c. ___ The permit should allow ground water production only from the _____ ground water reservoir between approximately _____ ft. and _____ ft. below land surface;
 - d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: This review supersedes the April 27, 2000 review. The changes were made because the owner modified the application dropping well #1. Well should not have an impact on stream

(Well Construction Considerations on Reverse Side)

2/9/2001

Well 1 & Well 2 are in separate aquifers based on water level elevations & well construction.

G-15121

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. ___ review of the well log;
 - b. ___ field inspection by _____;
 - c. ___ report of CWRE _____;
 - d. ___ other: (specify) _____
6. THE WELL construction deficiency:
- a. ___ constitutes a health threat under Division 200 rules;
 - b. ___ commingles water from more than one ground water reservoir;
 - c. ___ permits the loss of artesian head;
 - d. ___ permits the de-watering of one or more ground water reservoirs;
 - e. ___ other: (specify) _____
7. THE WELL construction deficiency is described as follows: _____
8. THE WELL a. ___ was, or constructed according to the standards in effect at the time of
b. ___ was not original construction or most recent modification.
c. ___ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ___ I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ___ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ___ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit
_____, 199__.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 199__.
(Signature)

TO: Water Rights Section

April 27, 2000

FROM: Ground Water/Hydrology Section

Marc A Norton

Reviewer's Name

SUBJECT: Application G- 15121

GROUND WATER/SURFACE WATER CONSIDERATIONS

1. PER THE Willamette Basin rules, one or more of the proposed POA's is/are within 1/4 ~~feet~~/mile of a surface water source (UnNamed Trib to Brush) and taps a ground water source hydraulically connected to the surface water.
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed ground water use
 - a. will, or have the potential for substantial interference with the nearest
 - b. will not surface water source, namely UnNamed Trib to Brush; or
 - c. will if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) _____;
 - ii. The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. The permit should be conditioned as indicated in item 4 below; or
 - d. will, with well reconstruction, adequately protect the surface from substantial interference.

GROUND WATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that ground water for the proposed use
 - a. will, or likely be available in the amounts requested without injury to prior rights
 - b. will not and/or within the capacity of the resource; or
 - c. will if properly conditioned, avoid injury to existing rights or to the ground water resource:
 - i. The permit should contain condition #(s) 7B, 7I;
 - ii. The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. The permit should be conditioned as indicated in item 4 below; or
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 - a. THE PERMIT should allow ground water production from no deeper than _____ ft. below land surface;
 - b. The permit should allow ground water production from no shallower than _____ ft. below land surface;
 - c. The permit should allow ground water production only from the _____ ground water reservoir between approximately _____ ft. and _____ ft. below land surface;
 - d. Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: SUPERCEDED

(Well Construction Considerations on Reverse Side)

G-15121

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. ___ review of the well log;
 - b. ___ field inspection by _____;
 - c. ___ report of CWRE _____;
 - d. ___ other: (specify) _____
6. THE WELL construction deficiency:
- a. ___ constitutes a health threat under Division 200 rules;
 - b. ___ commingles water from more than one ground water reservoir;
 - c. ___ permits the loss of artesian head;
 - d. ___ permits the de-watering of one or more ground water reservoirs;
 - e. ___ other: (specify) _____
7. THE WELL construction deficiency is described as follows: _____
8. THE WELL a. ___ was, or constructed according to the standards in effect at the time of
b. ___ was not original construction or most recent modification.
c. ___ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ___ I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ___ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ___ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

_____, 199__.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 199__.
(Signature)

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Ground Water/Hydrology
FROM: Marc Norton
SUBJECT: Groundwater Application G- 15121

Date 4/27/2000

Applicant(s) seek 28 gpm (cfs) from 2 wells in the
#1 20 gpm Willamette basin
#2 8 gpm Silver Creek sub basin
Applicants Name: Peters
Proposed Use: Brush sub basin

Pertinent 7 & 1/2 minute Quads Stayton NE

Well 1 WRD# 53324 T 7S R 1W S 10 QQ CBB County Marion

WL ELEV
276

Legal Description
Well is 550 ft from Un Named trib to Brush Cr (river/stream)
Well is ft from (river/stream)
Well Elevation 460 ft River/Stream elevation 200-350 ft
Well Elevation - River/Stream elevation 110-200 ft
Well depth 366 ft SWL 184 ft on 8/26/98
Sealed to 190 ft Depth first water found 89 ft
Cased to 190 ft Perforations/screens 346-366 ft
Lined to 185-366 ft Perforations/screens ft
Well test and types 35 gpm Air test
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO
Potential to cause substantial interference? YES

Well 2 WRD# 6172 T 7S R 1W S 9 QQ DAB County Marion

WL ELEV
205

Legal Description
Well is 1300 ft from Brush Creek (river/stream)
Well is 1500 ft from Drift Creek (river/stream)
Well Elevation 295 ft River/Stream elevation 225-260 ft
Well Elevation - River/Stream elevation 35-70 ft
Well depth 191 326 ft SWL 90 92 ft on 11/2/70
Sealed to 20 199.5 ft Depth first water found 151 30 ft
Cased to 20 199.5 ft Perforations/screens ft
Lined to ft Perforations/screens ft
Well test and types 18 GPM Air test
(Confined/Semi-confined/Unconfined) Direct hydraulic connection? YES / NO
Potential to cause substantial interference? Minimal

11/6/02

Comments: Well #1 - note location of spring - DTW in well is above
stream level lower on creek

References Used:

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

RECEIVED WATER WELL REPORT STATE OF OREGON

DEC - 2 1970

6/72
MARI...
Well # 2
7/1 W-9

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

STATE ENGINEER SALEM, OREGON

State Well No. 7/1 W-9

State Permit No.

(1) OWNER:

Name Ted Finlay
Address Rt 3, Silverton, Oreg

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

(3) TYPE OF WELL:

Rotary Cable Dug
Driven Jetted Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED: Threaded Welded
" Diam. from 2 ft. to 20 ft. Gage 250

PERFORATIONS: Perforated? Yes No.

Type of perforator used
Size of perforations in. by in.
perforations from ft. to ft.

(7) SCREENS: Well screen installed? Yes No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
air 18 80 1
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
perature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used cement & bentonite
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 10 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 2 sacks
Number of sacks of bentonite used in well seal 1 sacks
Brand name of bentonite National
Number of pounds of bentonite per 100 gallons of water approx 200 lbs./100 gals.
Was a drive shoe used? Yes No Plugs Size: location ft.
Did any strata contain unusable water? Yes No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Marion Driller's well number
1/4 1/4 Section T. R. W.M.
Bearing and distance from section or subdivision corner
10000 W. & 2000 ft. N. of S.E. Corner 9
T.S.S. -- R.1, W

(11) WATER LEVEL: Completed well.

Depth at which water was first found 151 ft.
Static level 90 ft. below land surface. Date 11/12/70
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 6"

Depth drilled 191 ft. Depth of completed well 191 ft.
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

Table with columns: MATERIAL, From, To, SWL. Rows include Top Soil red, Clay red, H. basalt grey, R. claystone white, H. basalt grey, M. weathered basalt, H. basalt grey, seamy.

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Date 11/2/70
Drilling Machine Operator's License No. 322

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name R. tadeli & Sons
Address Silverton, Oreg.
[Signed] Paul R. Stadel
Contractor's License No. 296 Date 11/20/70

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

RECEIVED

SEP 01 1998

WELL I.D.# L-27144
START CARD # 111459

Instructions for completing this report are on the back of this form.
SALEM, OREGON

(1) OWNER: Well Number _____
Name TIM & SARAH PETERS
Address 212 ROCK ST.
City SILVERTON State OR Zip 97381

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 366 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
10"	0	190'	CEMENT	12'	190'	60 sacks
6 1/2"	190	366	BENTONITE	0'	12'	12 bags

How was seal placed: Method A B C D E
 Other BENTONITE PLACED DRY

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 6"	+1	190'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 4.5"	-185	366'	.160	<input checked="" type="checkbox"/>	<input type="checkbox"/>	screwed	<input type="checkbox"/>

Final location of shoe(s) 190'

(7) PERFORATIONS/SCREENS:

Perforations Method SAW CUT
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
346	366	1/16x2"	180			<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Flowing Time
35		364'	1 hr.

Temperature of water 56° Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County MARION Latitude _____ Longitude _____
Township 7S N or S Range 1W E or W. WM.
Section 9 NE 1/4 SE 1/4
Tax Lot 200 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 3408 CASCADE HWY.
SILVERTON, OR 97381

(10) STATIC WATER LEVEL:
184 ft. below land surface. Date 8-26-98
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 89

From	To	Estimated Flow Rate	SWL
89	94	1 g.p.m.	N/A
143	148	1 g.p.m.	91'
148		1 g.p.m.	91'
307	362	35 g.p.m.	184'

(12) WELL LOG:
Ground Water _____
SALEM, OREGON

Material	From	To	SWL
CLAY RED & BOULDERS	0	3	
CLAY RED	3	7	
BASALT RED GREY DECOMPOSED	7	11	
BASALT GREY VERY WEATHERED	11	26	
SOFT			
BASALT GREY HARD	26	29	
BASALT GREY BRN RED VERY WEATHERED	29	41	
CLAY GREY BRN GRITTY SOFT	41	52	
BASALT GREY VESIC. WEATH. BRN	52	63	
CLAY BROWN	63	65	
BASALT GREY VESIC. SOFT BRN	65	68	
BASALT GREY BRN. FRACT. WEAATH.	68	75	
CLAY GREY BROWN GRITTY	75	81	
CLAY WHITE HARD	81	84	
BASALT BRN. BROKN. VESICULAR	84	89	
BASALT VESIC. MULTI-CLRD. SOFT	89	94	
BASALT GREY BRN. SOME VESIC.	94		
CULES MED-SOFT WEATHERED SOME FRACTURES		107	

Date started 8-21-98 Completed 8-26-98 cont'd

(unbonded) Water Well Constructor Certification: page 2
I certify that the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Material and workmanship are true to the best of my knowledge and belief.
Westerberg Drilling Inc.
36225 S. Kropf Rd.
Medalla, OR 97038 WWC Number 1487
Signed [Signature] Date 8-31-98

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed [Signature] WWC Number 688 Date 8-31-98



mm
53324

36728 S. Kropf Rd., Molalla, OR 97038 • Phone: (503) 829-2526 FAX (503) 829-7514

TIM & SARAH PETERS
212 ROCK ST.
SILVERTON, OR 97381

MARION T7S R1W SEC 9 ~~NE 1/4~~
TAX LOT# 200
3408 CASCADE HWY. SILVERTON, OR 97381

MATERIAL:

FROM: TO:

CONT'D. FROM PREVIOUS PAGE		
BASALT GREY BROWN MICRO FRACTURED MED.	107	143
BASALT MULTI-COLORED VESICULAR SOFT CLAYEY	143	148
BASALT GREY RED VESICULAR MED. FRACTURED	148	157
BASALT GREY HARD	157	163
BASALT GREY HARD FRACTURED	163	171
BASALT BLACK HARD	171	183
BASALT GREY HARD	183	199
BASALT GREY HARD FRACTURED WITH GREEN STAINING ON JOINTS	199	203
BASALT GREY HARD WITH INTERMEDIATE FRACTURES	203	307
BASALT TAN BROWN WHITE GREY VESICULAR SOFT	307	318
BASALT GREY BROWN FRACTURED WEATHERED	318	332
BASALT GREY FRACTURED WITH GREEN STAINING ON JOINTS	332	346
BASALT GREY BROKEN	346	349
BASALT GREY FRACTURED WITH BROWN WEATHERING ON JOINTS	349	362
BASALT GREY FRACTURED WITH GREEN STAINING ON JOINTS	362	366

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DEC 09 1998

WATER RESOURCES DEPT.
SALEM, OREGON

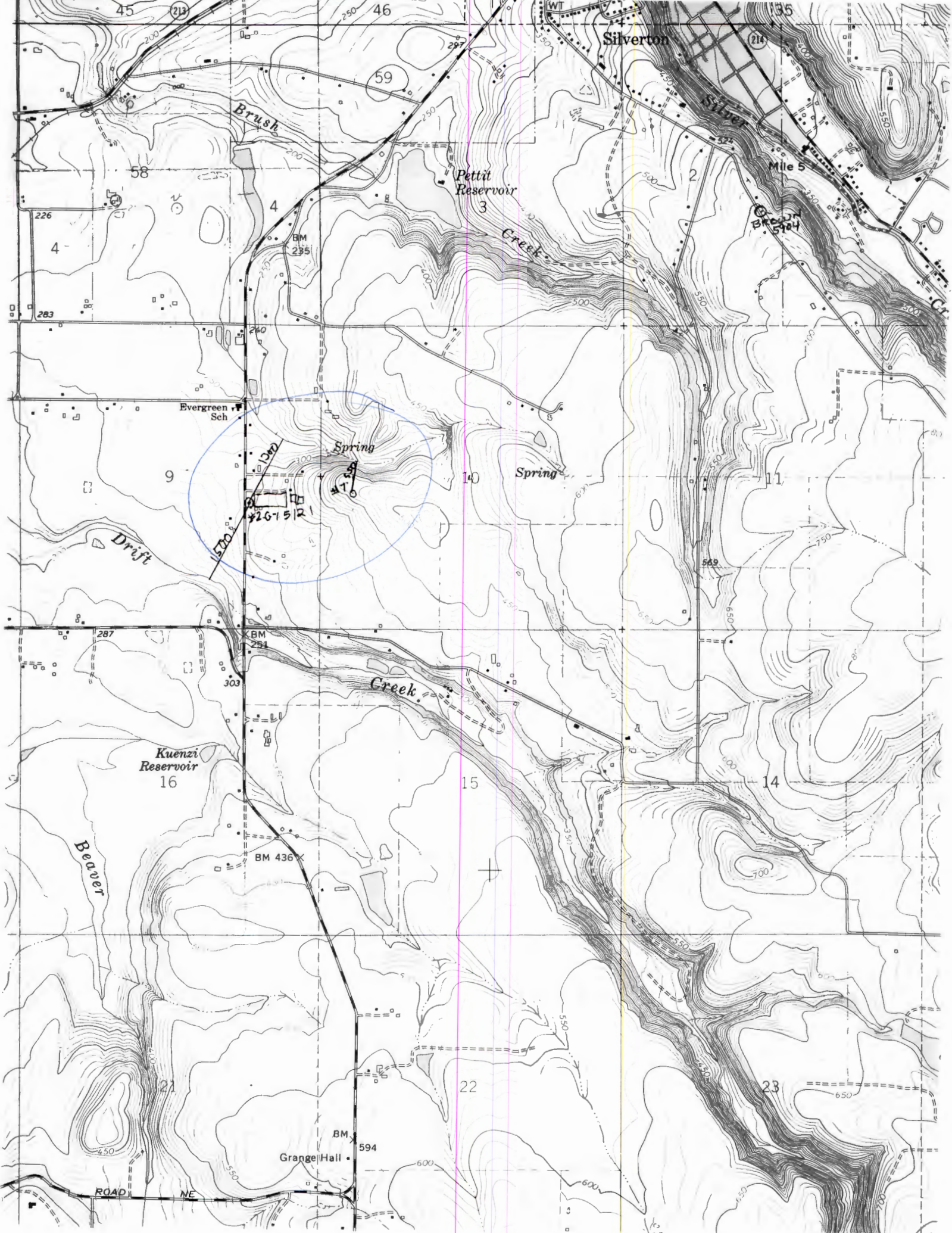
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SEP 01 1998

WATER RESOURCES DEPT.
SALEM, OREGON

35

35



Silverton

Brush

Pettit Reservoir

Mile 5

Evergreen Sch

Spring

Spring

Drift

Creek

Kuenzi Reservoir

Beaver

Grange Hall

ROAD NE

213

214

45

46

35

59

58

4

2

226

283

9

10

11

287

303

15

14

21

22

23

BM 594

BM 436

BM 235

BM 544

569

700

600

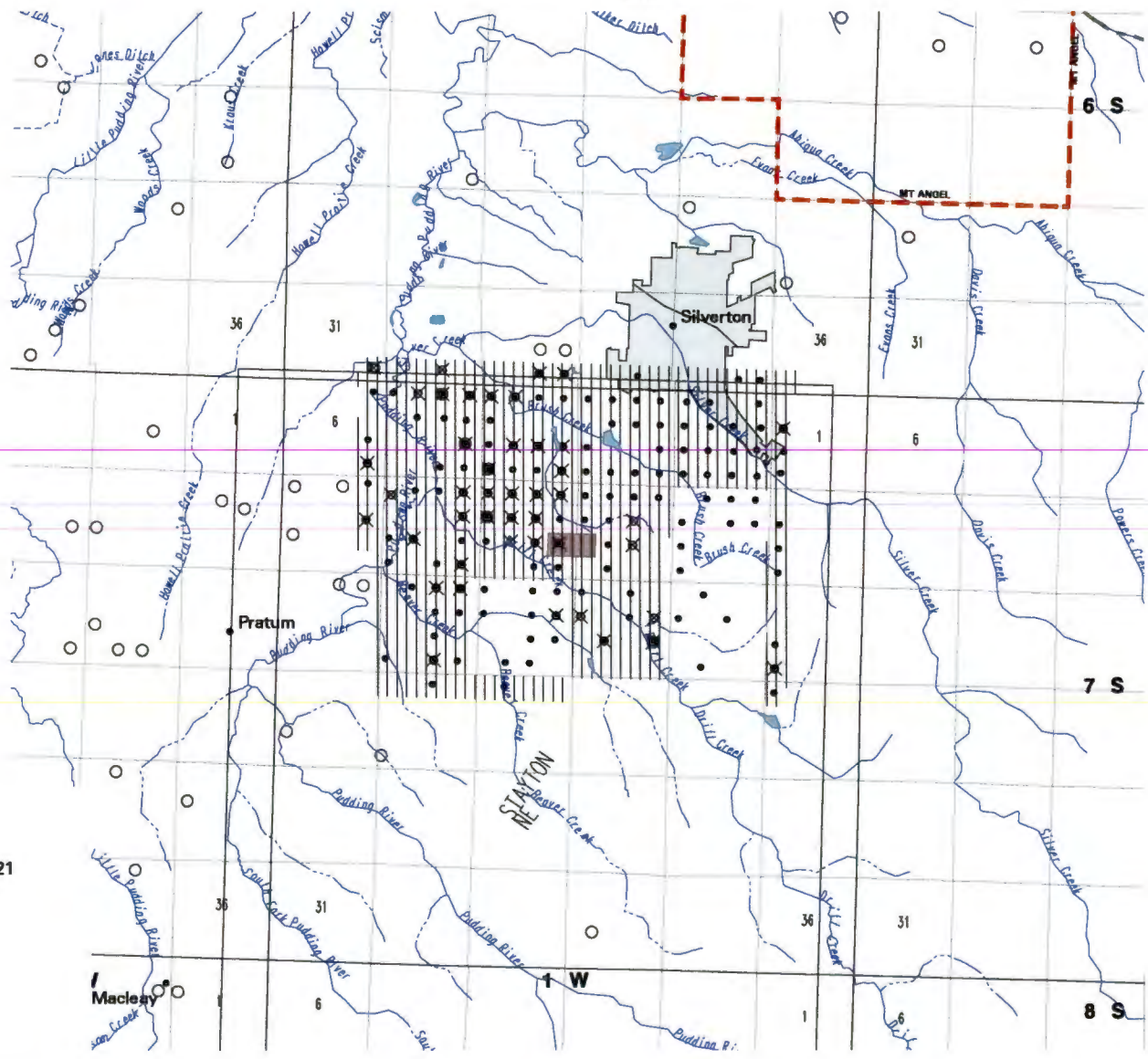
600

450

700

Wells in the vicinity of application G 15121

- Application well(s) in this 1/4-1/4 section
- Well(s) identified in this section from OWRD's well log database within 1 mi. radius of application well(s)
- ◻ Well(s) identified in this 1/4-1/4 section from OWRD's well log database within 1 mi. radius of application well(s)
- ✱ Permitted well(s) in this 1/4-1/4 section within 1 mi. radius of application well(s)
- Conditioned, permitted well(s) in this 1/4-1/4 section within 5 mi. radius of application well(s)
- ▲ OWRD Observation well and well-id within 5 mi. radius of application well(s)
- Critical GW Area
- - - Regulated GW Area



WELLS WITHIN 1 MILE OF G 15121
 DO 604
 ID 51
 IR 81
 MO 3

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 15121

\$RECNO	APPLICATION	PERMIT	LOC-QQ	USE	RATE	DIV-UNITS
1	G	12243	G 11474	6.00S 1.00W31SESE NU	0.7800	C
2	G	10938	G 10141	6.00S 1.00W32SWSE IR	0.3100	C
3	G	4853	G 4569	6.00S 1.00W33SWSE IR	1.0300	C
3	G	4853	G 4569	6.00S 1.00W33SWSE IR	1.0500	C
3	G	10435	G 9608	6.00S 1.00W33SWSE IS	0.2300	C
4	G	756	G 654	6.00S 1.00W33SESE IR	0.1100	C
4	G	11595	G 10671	6.00S 1.00W33SESE IR	0.7200	C
4	G	11727	G 10813	6.00S 1.00W33SESE IR	0.2800	C
4	G	11727	G 10813	6.00S 1.00W33SESE IR	0.8300	C
5	G	11471	G 10584	7.00S 1.00W 5NENW IR	0.0700	C
6	G	12363	G 11370	7.00S 1.00W 5NWNE NU	3.1600	C
7	G	5484	G 5388	7.00S 1.00W 5NENE IR	0.5800	C
7	G	7797	G 7232	7.00S 1.00W 5NENE IR	0.6400	C
8	GR	2755	GR 2605	7.00S 1.00W 4NWNW IR	132.0000	G
9	G	6544	G 6149	7.00S 1.00W 4NENW IR	0.0100	C
10	G	13064	G 12271	7.00S 1.00W 1SWNW IC	250.0000	G
11	G	12364	G 11258	7.00S 1.00W 5NESE IC	2.1000	C
11	G	13261	G 12146	7.00S 1.00W 5NESE IR	0.9400	C
12	G	13261	G 12146	7.00S 1.00W 4NESW IR	0.9400	C
12	G	13197	G 12294	7.00S 1.00W 4NESW IR	0.5100	C
12	G	13197	G 12294	7.00S 1.00W 4NESW IR	0.5400	C
13	G	13261	G 12146	7.00S 1.00W 4NWSE IR	0.9400	C
13	G	13197	G 12294	7.00S 1.00W 4NWSE IR	0.5100	C
13	G	13197	G 12294	7.00S 1.00W 4NWSE IR	0.5400	C
14	GR	2178	GR 2087	7.00S 1.00W 4NESE ID	115.0000	G
15	G	401	G 278	7.00S 1.00W 6SESE IR	0.2300	C
15	G	1221	G 967	7.00S 1.00W 6SESE IS	0.2300	C
15	G	5531	G 5416	7.00S 1.00W 6SESE IR	0.3800	C
16	G	12191	G 11132	7.00S 1.00W 4SWSW IC	1.0700	C
17	G	11648	G 10725	7.00S 1.00W 4SESE IR	0.8000	C
18	G	11629	G 10722	7.00S 1.00W 8NWNW IR	0.8800	C
18	G	12280	G 11188	7.00S 1.00W 8NWNW IS	0.1300	C
19	G	1844	G 1687	7.00S 1.00W 8NENE IS	0.2400	C
20	G	8972	G 8415	7.00S 1.00W 9NWNW IR	0.1000	C
21	G	11480	G 10596	7.00S 1.00W 9NENW IR	0.4900	C
21	G	11668	G 10769	7.00S 1.00W 9NENW IR	0.5000	C
21	G	12288	G 11276	7.00S 1.00W 9NENW IC	0.7500	C
22	G	1199	G 1060	7.00S 1.00W 9NWNE IR	0.0100	C
22	GR	4210	GR 4103	7.00S 1.00W 9NWNE IR	100.0000	G
23	G	3627	G 3410	7.00S 1.00W 9NENE IR	0.1000	C
23	G	3627	G 3410	7.00S 1.00W 9NENE IR	0.2700	C
23	G	3627	G 3410	7.00S 1.00W 9NENE IR	0.3400	C
23	G	12462	G 11501	7.00S 1.00W 9NENE IR	0.1800	C
23	GR	1056	GR 1018	7.00S 1.00W 9NENE IR	45.0000	G
24	G	10064	G 9152	7.00S 1.00W 7SENE IR	0.1800	C
25	G	6582	G 6173	7.00S 1.00W 8SENE IR	0.4600	C
26	G	12878	G 11737	7.00S 1.00W 9SWNW IC	360.0000	G
27	G	4810	G 4533	7.00S 1.00W 9SENE IR	0.3300	C
27	G	6116	G 5790	7.00S 1.00W 9SENE IR	0.1900	C
27	G	7634	G 7071	7.00S 1.00W 9SENE IR	0.1400	C
28	G	6432	G 6039	7.00S 1.00W 9SWNE IR	0.0830	C
28	G	6432	G 6039	7.00S 1.00W 9SWNE IR	0.1200	C
28	G	11656	G 10754	7.00S 1.00W 9SWNE IR	28.0000	G
29	G	3218	G 2948	7.00S 1.00W10SWNE IR	0.2400	C
30	G	4126	G 3881	7.00S 1.00W 8NESW IR	1.2700	C
30	G	4126	G 3881	7.00S 1.00W 8NESW IR	1.3200	C

30	G	5299	G	5130	7.00S	1.00W	8NESW	IS	0.0900	C
30	G	9734	G	8956	7.00S	1.00W	8NESW	IS	0.3100	C
30	G	11316	G	10440	7.00S	1.00W	8NESW	IR	0.2500	C
30	G	13327	G	11847	7.00S	1.00W	8NESW	IR	0.0500	C
31	G	7146	G	6698	7.00S	1.00W	9NESW	IS	0.2800	C
32	G	5296	G	5128	7.00S	1.00W	9NWSE	IR	0.0200	C
32	G	13427	G	12410	7.00S	1.00W	9NWSE	IR	0.6100	C
33	G	2661	G	2467	7.00S	1.00W	9NESE	IR	0.0900	C
33	G	2661	G	2467	7.00S	1.00W	9NESE	IR	0.1200	C
34	G	10696	G	9788	7.00S	1.00W	10NWSE	IR	0.7100	C
35	G	11434	G	10533	7.00S	1.00W	8SESE	IS	0.1800	C
35	G	11476	G	10614	7.00S	1.00W	8SESE	IR	0.2500	C
35	GR	30	GR	26	7.00S	1.00W	8SESE	IR	72.0000	G
36	G	7905	G	7308	7.00S	1.00W	17NWNE	IR	0.5100	C
37	G	2665	G	2471	7.00S	1.00W	17NENE	IR	0.3300	C
37	G	4149	G	3901	7.00S	1.00W	17NENE	IR	0.2000	C
38	GR	389	GR	376	7.00S	1.00W	16SENE	IR	150.0000	G
39	G	9608	G	8830	7.00S	1.00W	15SWNW	IR	1.0000	C
40	G	7462	G	6951	7.00S	1.00W	15SENE	IR	0.0800	C
41	G	9027	G	8419	7.00S	1.00W	15NESW	IR	0.9500	C
41	G	9027	G	8419	7.00S	1.00W	15NESW	IS	0.2900	C
42	G	12506	G	11645	7.00S	1.00W	15NESE	IR	0.1750	C
43	G	13982	G	12918	7.00S	1.00W	17SWSE	IR	0.2200	C
43	G	13982	G	12918	7.00S	1.00W	17SWSE	IR	0.8000	C
44	G	8887	G	8282	7.00S	1.00W	13SWSW	IR	0.8400	C

CONDITIONED WELLS WITHIN 5 MILES OF APPLICATION G 15121

\$RECNO	APPLICATION	PERMIT	LOC-QQ	CONDITION-CODE
1	G	13285	G 12468	6.00S 2.00W15SESW 7DG
1	G	13285	G 12468	6.00S 2.00W15SESW 7DR
2	G	13285	G 12468	6.00S 2.00W22NWNE 7DG
2	G	13285	G 12468	6.00S 2.00W22NWNE 7DR
3	G	13161	G 12083	6.00S 2.00W24NENW 4IG
3	G	13161	G 12083	6.00S 2.00W24NENW 4IR
4	G	12703	G 11655	6.00S 2.00W24SESW 4GG
4	GR	217	GR 273	6.00S 2.00W24SESW
5	G	12240	G 11644	6.00S 2.00W26SENE 4IG
5	G	12240	G 11644	6.00S 2.00W26SENE 4IR
6	G	12217	G 11670	6.00S 2.00W34SENE 4GG
7	G	12217	G 11670	6.00S 2.00W34NWSE 4GG
8	G	12217	G 11670	6.00S 2.00W34SESW 4GG
9	G	12091	G 12209	6.00S 1.00W13NWNE 7BG
9	G	12091	G 12209	6.00S 1.00W13NWNE 7BR
9	G	12091	G 12209	6.00S 1.00W13NWNE 7IG
9	G	12091	G 12209	6.00S 1.00W13NWNE 7IR
10	G	12962	G 12049	6.00S 1.00W20SESE 4KG
11	G	13147	G 11844	6.00S 1.00W26NWNW 4IG
11	G	13147	G 11844	6.00S 1.00W26NWNW 4LG
12	G	13008	G 12110	6.00S 1.00W25SWSW 7DG
12	G	13008	G 12110	6.00S 1.00W25SWSW 7DR
13	G	12206	G 11420	6.00S 1.00W33NWSE 6C
14	G	12206	G 11420	6.00S 1.00W33NESE 6C
14	G	12206	G 11420	6.00S 1.00W33NESE 6C
15	G	12243	G 11474	6.00S 1.00W31SESE 4E
15	G	12243	G 11474	6.00S 1.00W31SESE 5A
16	G	12141	G 12009	6.00S 1.00E18SWNE 5YF
16	G	12141	G 12009	6.00S 1.00E18SWNE 7IG

16	G	12141	G	12009	6.00S	1.00E18SWNE	7IR
16	GR	2251	GR	2150	6.00S	1.00E18SWNE	
17	G	12141	G	12009	6.00S	1.00E17SWNE	5YF
17	G	12141	G	12009	6.00S	1.00E17SWNE	7IG
17	G	12141	G	12009	6.00S	1.00E17SWNE	7IR
18	G	12909	G	11997	6.00S	1.00E30SENW	7EG
18	G	12909	G	11997	6.00S	1.00E30SENW	7ER
19	G	12305	G	11755	7.00S	2.00W 2NWSE	5AB
20	G	12576	G	11696	7.00S	2.00W12SENW	4GG
21	G	12062	G	11159	7.00S	2.00W12SWNE	4E
22	G	12306	G	11725	7.00S	2.00W10NESE	3BW
22	G	12306	G	11725	7.00S	2.00W10NESE	3CW
23	G	12306	G	11725	7.00S	2.00W11NWSW	3BW
23	G	12306	G	11725	7.00S	2.00W11NWSW	3CW
24	G	13454	G	11804	7.00S	2.00W14NWSW	4KG
24	G	13454	G	11804	7.00S	2.00W14NWSW	4LG
24	G	13454	G	11804	7.00S	2.00W14NWSW	4LW
24	G	12307	G	12340	7.00S	2.00W14NWSW	
24	G	12307	G	12839	7.00S	2.00W14NWSW	
25	G	13454	G	11804	7.00S	2.00W15SESE	4KG
25	G	13454	G	11804	7.00S	2.00W15SESE	4LG
25	G	13454	G	11804	7.00S	2.00W15SESE	4LW
26	G	13454	G	11804	7.00S	2.00W14SESW	4KG
26	G	13454	G	11804	7.00S	2.00W14SESW	4LG
26	G	13454	G	11804	7.00S	2.00W14SESW	4LW
27	G	13454	G	11804	7.00S	2.00W14SWSE	4KG
27	G	13454	G	11804	7.00S	2.00W14SWSE	4LG
27	G	13454	G	11804	7.00S	2.00W14SWSE	4LW
28	G	12261	G	11274	7.00S	2.00W26NENW	4E
28	G	12261	G	11274	7.00S	2.00W26NENW	4E
28	GR	3043	GR	2849	7.00S	2.00W26NENW	
29	G	12337	G	11345	7.00S	2.00W25SWNW	4E
29	G	12250	G	11668	7.00S	2.00W25SWNW	4EG
29	G	12250	G	11668	7.00S	2.00W25SWNW	4EW
30	G	11993	G	11119	7.00S	2.00W27NWSE	4E
30	G	11993	G	11119	7.00S	2.00W27NWSE	4E
30	G	11993	G	11119	7.00S	2.00W27NWSE	4E
30	G	11993	G	11119	7.00S	2.00W27NWSE	4E
31	G	12800	G	11677	7.00S	2.00W27SESW	4GG
31	GR	990	GR	959	7.00S	2.00W27SESW	
31	GR	2042	GR	1968	7.00S	2.00W27SESW	
32	G	12242	G	11448	7.00S	2.00W35NWNE	4H
32	G	12242	G	11448	7.00S	2.00W35NWNE	4I
33	G	12363	G	11370	7.00S	1.00W 5NWNE	4E
34	G	12364	G	11258	7.00S	1.00W 5NESE	4E
34	G	13261	G	12146	7.00S	1.00W 5NESE	
35	G	12191	G	11132	7.00S	1.00W 4SWSW	4E
36	G	12707	G	11938	7.00S	1.00W 7NWNW	4IG
36	G	12707	G	11938	7.00S	1.00W 7NWNW	4IR
36	G	12707	G	11938	7.00S	1.00W 7NWNW	4KG
37	G	13210	G	12149	7.00S	1.00W 7NWNE	7DG
37	G	13210	G	12149	7.00S	1.00W 7NWNE	7DR
37	GR	386	GR	373	7.00S	1.00W 7NWNE	
38	G	12878	G	11737	7.00S	1.00W 9SWNW	4GG
39	G	12365	G	11259	7.00S	1.00W 7NWSW	4E
39	G	12365	G	11259	7.00S	1.00W 7NWSW	4E
40	G	12908	G	11665	7.00S	1.00W18NWNE	3BW
40	G	12908	G	11665	7.00S	1.00W18NWNE	4GG
41	G	12064	G	11120	7.00S	1.00W18NENE	4E
42	G	12506	G	11645	7.00S	1.00W15NESE	4EG

42	G	12506	G	11645	7.00S	1.00W15NESE	4EW
43	G	12150	G	11157	7.00S	1.00W19NWSW	4E
43	GR	121	GR	112	7.00S	1.00W19NWSW	
44	G	12085	G	11197	7.00S	1.00W20SWSW	4E
45	G	12855	G	11733	7.00S	1.00W34NESW	4GG
45	G	12855	G	11733	7.00S	1.00W34NESW	4GG
46	G	13301	G	12086	8.00S	2.00W 2SENE	7BG
46	G	13301	G	12086	8.00S	2.00W 2SENE	7BR
46	G	13301	G	12086	8.00S	2.00W 2SENE	7DG
46	G	13301	G	12086	8.00S	2.00W 2SENE	7DR
47	G	12234	G	11350	8.00S	2.00W 1SWNW	4E

APPLICATION G 15121 FALLS WITHIN THESE QUAD(S)

STAYTON NE

The following OWRD Groundwater Management Areas are within the map extent:

\$RECNO	NAME1	NAME2	SUB-AREA	STATUS
1	MT ANGEL			LIMI

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-15121

ROUTED TO: W.R.

TOWNSHIP/

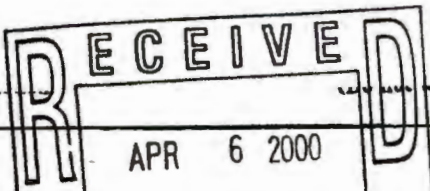
RANGE-SECTION: 7S/1W-9&10

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Maureen A. Nolan

Well #2



G15121

OWNER:
Named Finlay
Address 3, Silvertop, OR
WATER RESOURCES DEPT
SALEM, OR

(10) LOCATION OF WELL:

County Marion
Driller's well number
Bearing and distance from section of subdivision corner
100 ft W. & 2000 ft N. of S.W. Corner of T. 9. S. - R. 1. W

(2) TYPE OF WORK (check):

New Well [] Deepening [] Reconditioning [] Abandon []
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [] Driven []
Cable [] Jetted []
Dug [] Bored []

(4) PROPOSED USE (check):

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

(5) CASING INSTALLED:

Threaded [] Welded []
6" Diam. from 0 ft. to 20 ft. Casing 250
Diam. from ft. to ft. Casing
Diam. from ft. to ft. Casing

(6) PERFORATIONS:

Perforated? [] Yes [] No
Type of perforator used
Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? [] Yes [] No
Manufacturer's Name
Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? [] Yes [] No If yes, by whom?
Field: gal./min. with ft. drawdown after hrs.
18 gal./min. with 80 ft. drawdown after 1 hrs.
Arterian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal - Material used cement & bentonite
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 10 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 2 sacks
Number of sacks of bentonite used in well seal 1 sack
Brand and name of bentonite National
Number of pounds of bentonite per 100 gallons water approx 200 lbs./100 gals.
Was a drive shoe used? [] Yes [] No Plugs Size: location ft.
Do any strata contain unusable water? [] Yes [] No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? [] Yes [] No Size of gravel:
Level placed from ft. to ft.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 151 ft.
Static level 90 ft. below land surface. Date 11/2/70
Arterian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6"
Depth drilled 191 ft. Depth of completed well 191 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

Table with 4 columns: MATERIAL, From, To, SWL. Rows include Top Soil red, Clay red, H. basalt gray, H. claystone white, H. basalt gray, H. weathered basalt, H. basalt gray, neamy W.R.

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AUG - 9 1999

WATER RESOURCES DEPT.
SALEM, OREGON

Work started 11/10/70 Completed 11/12/70
Date well drilling machine moved off of well 18

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. 11/2/70

[Signed] Date 11/2/70
Drilling Machine Operator's License No. 322

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name R. Stadel & Sons
Address 511 Patton, Oreg
(Signed) Paul R. Stadel
Contractor's License No. 296 Date 11/20/70

Westerberg Drilling, Inc.
36728 S. Kropf Rd.
Molalla, OR 97038

Well #2
Redrilled

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D. #1 56282
START CARD # 149453

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number
Name TIM & SARAH PETERS
Address 3408 CASCADE HWY NE
City SILVERTON State OR Zip 97381

(2) TYPE OF WORK
New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
Rotary Air Rotary Mud Cable Auger
Other

(4) PROPOSED USE:
Domestic Community Industrial Irrigation
Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 326 ft.
Explosives used Yes No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Sacks or pounds. Row 1: 10" 0 199.5 Cement 0 199.5 71 sacks. Row 2: 6" 199.5 326

How was seal placed: Method A B C D E
Other

Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:
Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 6" +1 199.5 250. Liner: NONE

Drive Shoe used Inside Outside None
Final location of shoe(s) 199.5'

(7) PERFORATIONS/SCREENS:
Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Method: NONE

(8) WELL TESTS: Minimum testing time is 1 hour
Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Values: 130, N/A, 326', 1 hr.

Temperature of water 56° Depth Artesian Flow Found
Was a water analysis done? Yes By whom
Did any strata contain water not suitable for intended use? Too little
Salty Muddy Odor Colored Other
Depth of strata: ORIGINAL WATER @ 151'

(9) LOCATION OF WELL by legal description:
County MARION Latitude Longitude
Township 7S N or S Range 1W E or W. WM.
Section 9 NE 1/4 SE 1/4
Tax Lot 200 Lot Block Subdivision
Street Address of Well (or nearest address) 3408 CASCADE HWY NE SILVERTON, OR 97381

(10) STATIC WATER LEVEL:
56.2 ft. below land surface. Date 11-6-02
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES:
Depth at which water was first found 303'
Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 303' 326' 130 GPM 56.2

(12) WELL LOG:
Ground Elevation
Table with columns: Material, From, To, SWL. Rows include: BASALT BLACK HARD, BASALT BLK MILDLY FRACTRD, BASALT GREY HARD, BASALT GREY FRACTURED, BASALT GRY & BLK POROUS, BASALT BLACK SEMI-POROUS HARDER. Includes handwritten notes: ORIGINAL CASING WAS REMOVED (20") AND NEW CASING INSTALLED TO SEAL OFF SHALLOW WATER BEARING ZONE @ 151'. ORIGINAL WELL - MARI6172 original depth 191' static water level prior to deepening 94.5' producing 7 gpm from 151'

Date started 11-2-02 Completed 11-6-02

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed Date 11-6-02 WWC Number 1358

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed Date WWC Number 688

West



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS

East horizontal Exaggeration

4x

#1

#2

16 pm

4 gpm 9' static

100' cased seal

Original

water bearing - original well

cased sealed 200

water bearing

water bearing zone

380

280

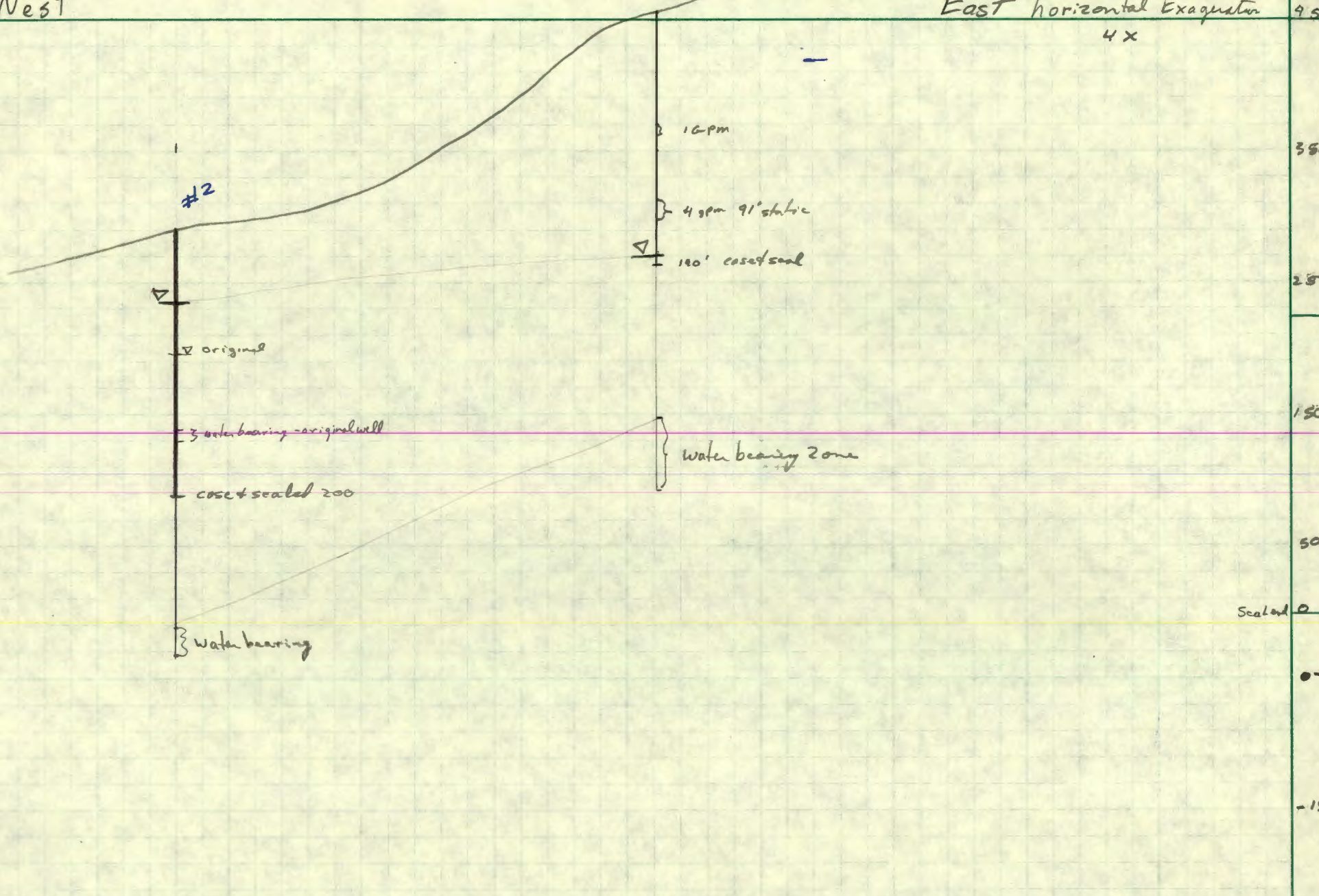
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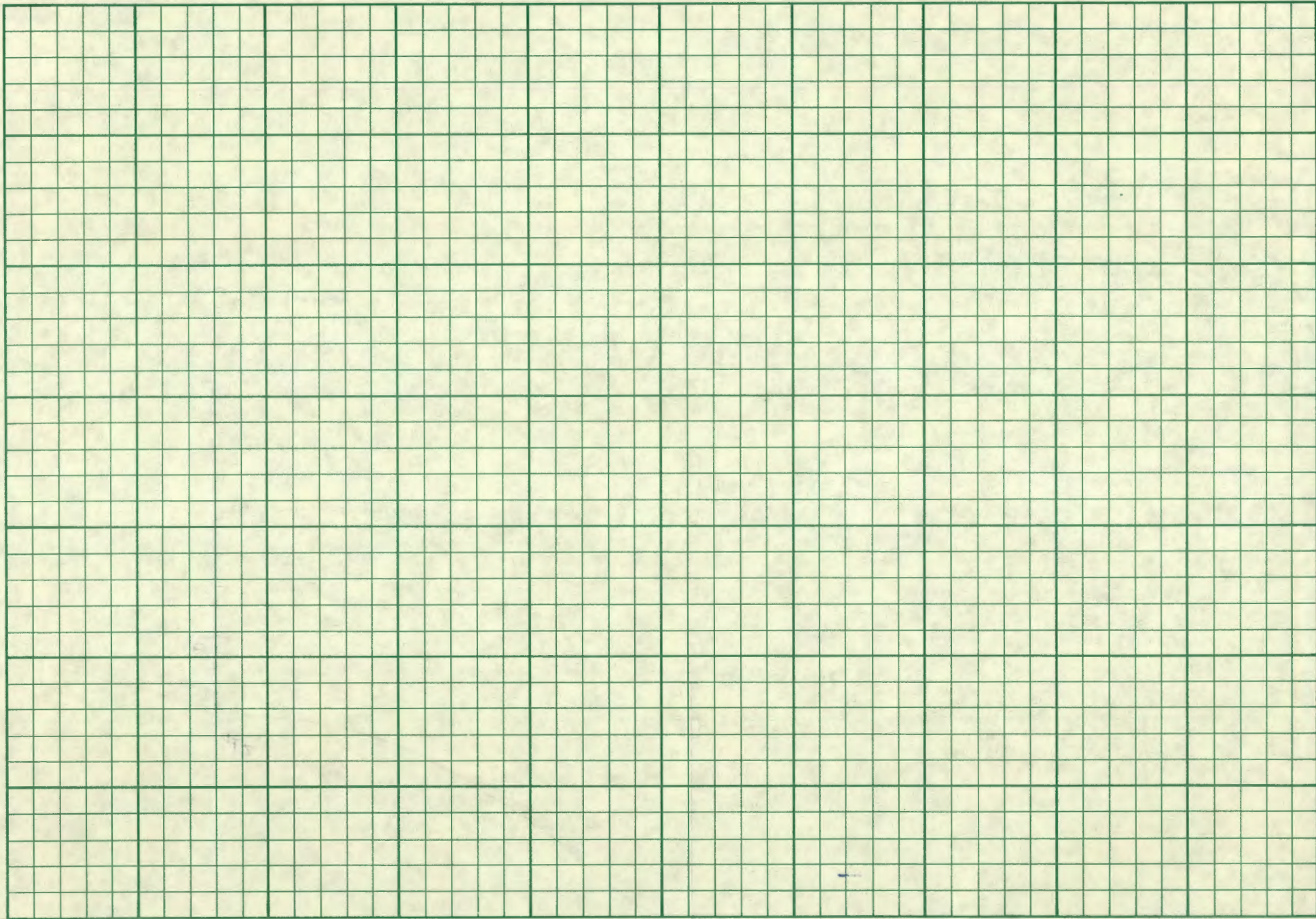
50

Sealed 0

-5

-150





12-14-1961 200 SHEETS
12-15-1961 400 SHEETS
12-16-1961 600 SHEETS

