

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

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

RECEIVED
WATER WELL REPORT

STATE OF OREGON JUL 3 0 1975
(Please type of WATER RESOURCES DEPT.
(Do not write above this SALEM, OREGON

State Well No. 185/34-19
Permit No. LANE 16353

(1) OWNER:
Name Steven Modesitt
Address 145 N. Willamette
Coburg, Oregon

(2) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Driven Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
Dug Bored

(5) CASING INSTALLED: Threaded Welded
6" Diam. from 0 ft. to 106 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(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 _____
Type _____ 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?
Yield: None gal./min. with None ft. drawdown after None hrs.
Ballot test No gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:
Well seal—Material used Portland Cement
Well sealed from land surface to 30 ft.
Diameter of well bore to bottom of seal 9 7/8 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal _____ sacks
Number of sacks of bentonite used in well seal 0 sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons _____ lbs./100 gals.
of water _____
Was a drive shoe used? Yes No Plug _____ 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 LANE Driller's well number 0568-CP
1/4 NW 1/4 Section 19 T18N 3R 3W W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well
Depth at which water was first found None ft.
Static level None ft. below land surface. Date _____
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 6
Depth drilled 325 ft. Depth of completed well 325 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.

MATERIAL	From	To	SWL
Top soil	0	6	
Red clay and boulders	6	23	
Soft red shale	23	99	
Hard grey basalt	99	170	
Gray shale	170	180	
Hard grey basalt	180	217	
Gray shale	217	235	
Hard grey basalt	235	280	
Soft brown shale	280	325	
This well completely dry. Was left as a properly constructed well with steel cap welded on casing, for possible future drilling.			

Work started 7-16 19 75 Completed 7-24 19 75
Date well drilling machine moved off of well 7-24 19 75

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] William L. Garter Date 7-25 19 75
(Drilling Machine Operator)

Drilling Machine Operator's License No. 717

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 Garter's Drilling & Pump Service
(Partner, firm or corporation) (Type or print)
Address P.O. Box 146 Springfield, Oregon 97177
[Signed] James G. Garter
(Water Well Contractor)
Contractor's License No. 126 Date 7-25 19 75

(USE ADDITIONAL SHEETS IF NECESSARY)

SP-686-118

NOTICE TO WATER WELL CONTRACTOR
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WATER WELL REPORT

RECEIVED

STATE OF OREGON
(Please type or print)

AUG 7 1974 State Well No. 1853W-19
STATE ENGINEER State Permit LANE 16354
SALEM, OREGON

(1) OWNER:
Name Tom Teague
Address Rt 4 Box 719 K-3
Engene, Oregon 97405

(2) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Driven Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
Dug Bored

(5) CASING INSTALLED: Threaded Welded
6" Diam. from 0 ft. to 40 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(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
Type 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?
Yield: gal/min. with ft. drawdown after hrs.
Tested by Air Estimate could fluctuate
Best yield 0.2 gal./min. with 77 ft. drawdown after 1 hr.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Cement
Well sealed from land surface to 79 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 7 sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons
of water lbs./100 gals.
Was a drive shoe used? Yes No Plug Size location ft.
Did any strata contain unwaterable 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 Lane Driller's well number
K K Section 19 T. 18S R. 7W W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 46 ft.
Static level 28 ft. below land surface. Date 7/18/74
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 6"
Depth drilled 105 ft. Depth of completed well 105 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.

MATERIAL	From	To	SWL
Top Soil & Boulders	0	2	
Brown Clay & Boulders	2	20	
Red Clay Stone	20	37	
Brown Clay Stone	37	45	
Blue Gray Basalt	45	84	
Red Clay Stone	84	89	
Blue Green Clay Stone	89	105	

Work started 7/17/74 10 Completed 7/18/74 19
Date well drilling machine moved off of well 7/18/74 19
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] M. K. Jones Date 7/18/74, 19
(Drilling Machine Operator)
Drilling Machine Operator's License No. 702

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 Casey Jones Well Drilling Co., Inc.
(Person, firm or corporation) (Type or print)
Address Rt 8, Box 695 Pleasant Hill, Oregon
[Signed] Casey J. Jones
(Water Well Contractor)
Contractor's License No. 572 Date 7/18/74, 19

(USE ADDITIONAL SHEETS IF NECESSARY)

SP-5056-118

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
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filed with the

STATE ENGINEER, SALEM, OREGON 97310
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of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED
JUN 20 1974

Well No.

State Permit No.

195/310-19

LANE 16355

STATE ENGINEER

(1) OWNER:

Name Emory Pruitt
Address 5855 Willamette, Eugene, Oregon

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in item 12.

(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
6" Diam. from 0 ft. to 20 ft. Gage 250
4" Diam. from 0 ft. to 155 ft. Gage EVC

PERFORATIONS:

Perforated? Yes No
Type of perforator used S&W
Size of perforations 1/8 in. by 4 in.
36 perforations from 22 ft. to 40 ft.
160 perforations from 75 ft. to 155 ft.

(7) SCREENS:

Well screen installed? Yes No
Manufacturer's Name _____
Type _____ 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?
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
Tested by Air, Estimate could fluctuate
~~9~~ 9 gal./min. with 112 ft. drawdown after 1 hr.
Artesian flow _____ g.p.m.
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 19 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 4 sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons of water _____ lbs./100 gals.
Was a drive shoe used? Yes No If yes, _____ 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 Lane Driller's well number _____
T. 188 S. 3W W.M. _____
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 28' ft.
Static level 43 ft. below land surface. Date 6/23/74
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 6"
Depth drilled 155 ft. Depth of completed well 155 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.

MATERIAL	From	To	SWL
Black Clay	0	3	
Gray Clay	3	14	
Bluish Gray Sand Stone	14	32	
Blue Clay Stone	32	57	
Reddish Clay Stone	57	59	
Gray Clay Stone	59	73	
Blue Clay Stone	73	86	
Light Blue Sand Stone	86	91	
Lavender Clay Stone	91	122	
Blue Clay Stone	122	155	
Reddish Brown Clay Stone	39	155	

Work started 6/13/74 19 _____ Completed 6/13/74 19 _____
Date well drilling machine moved off of well 6/13/74 19 _____

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] Cassey Jones Date 6/13/74, 19_____
(Drilling Machine Operator)
Drilling Machine Operator's License No. 521

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 Cassey Jones Well Drilling
(Person, firm or corporation) (Type or print)
Address Rt. 8 Box 695, Pleasant Hill, Oregon 97401
[Signed] Cassey Jones
(Water Well Contractor)
Contractor's License No. 559 Date 6/14/74, 19____

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report
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WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

(Do not write above this line)

RECEIVED

FEB 7 1978

State Well No. 88-3W-10bc
State Permit No. 16356
WATER RESOURCES DEPT.

(1) OWNER:

Name William Reiter
Address 485 Kingswood Circle
97140

(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 Jettied
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
5" Diam. from 1 ft. to 19 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

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
Type 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?
Yield: gal./min. with ft. drawdown after hrs.
Pump test 5 1/2 gal./min. with 160 ft. drawdown after 4 hrs.
Artesian flow g.p.m.
Temperature of water arb. Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 9 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 8 sacks
How was cement grout placed? pre mixed + grout
Was a drive shoe used? Yes No Flugs 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:

SALEM, OREGON
County Lane Driller's well number
SW 1/4 NW 1/4 Section 19 T. 18 R. 3 W. W.M.
Bearing and distance from section or subdivision corner
NE 1/4 of SE 1/4 of SW 1/4 of NW 1/4

(11) WATER LEVEL: Completed well.

Depth at which water was first found 160 ft.
Static level 50 ft. below land surface. Date July 30
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6"
Depth drilled 430 ft. Depth of completed well 430 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.

MATERIAL	From	To	SWL
Top soil	0	3	
Blue sand stone	3	160	
Black Basalt	160	240	
Blue sand stone	240	250	
Black Basalt	250	340	
Brown sandstone	340	380	
Black Basalt conchid	380	480	
Black Basalt Hard	480	430	

Work started July 26 19 77 Completed July 31 19 77
Date well drilling machine moved off of well July 31 19 77

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] Harold White Date July 7, 1977
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1040

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 Harold White (Type or print)
Address 3647 E 17th St Eugene OR
[Signed] Harold White (Water Well Contractor)
Contractor's License No. 630 Date July 31 19 77

(USE ADDITIONAL SHEETS IF NECESSARY)

SP-4626-118

NOTICE TO WATER WELL CONTRACTOR
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WATER RESOURCES DEPARTMENT,
SALEM, OREGON
within 30 days from the date of well completion.

RECEIVED WATER WELL REPORT

STATE OF OREGON
(Please type or print)

State Well No. 185/3w-19 DC
State Permit No. LANE 16357

SALEM, OREGON

(1) OWNER:
Name William Ruster
Address 485 Kingswood Eugene 97404

(2) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Driven Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
Dug Bored

CASING INSTALLED: Threaded Welded
5" Diam. from 1 ft. to 19 ft. Gage 2550
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

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 _____
Type _____ 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?
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
air bar test 5 1/2 gal./min. with 200 ft. drawdown after 2 hrs.
Artesian flow _____ g.p.m.
Temperature of water _____ °F. Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:
Well seal—Material used cement
Well sealed from land surface to 18 ft ft.
Diameter of well bore to bottom of seal 9 in.
Diameter of well bore below seal 6 1/2 in.
Number of sacks of cement used in well seal 8 sacks
How was cement grout placed? you mixed & poured

Was a drive shoe used? Yes No Plug _____ 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 Lane Driller's well number _____
SW 1/4 NW 1/4 Section 19 T. 18 S. R. 3 W. W.M.
Bearing and distance from section or subdivision corner
NE 1/4 of SE 1/4 of SW 1/4 of NW 1/4

(11) WATER LEVEL: Completed well.
Depth at which water was first found 160 ft.
Static level 160 ft. below land surface. Date July 30
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 6"
Depth drilled 430 ft. Depth of completed well 430 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.

MATERIAL	From	To	SWL
<u>Top soil</u>	<u>0</u>	<u>3</u>	
<u>Blue sand stone</u>	<u>3</u>	<u>160</u>	
<u>Black Basalt</u>	<u>160</u>	<u>240</u>	
<u>Blue sand stone</u>	<u>240</u>	<u>250</u>	
<u>Black Basalt</u>	<u>250</u>	<u>340</u>	
<u>Brown sand lent</u>	<u>340</u>	<u>350</u>	
<u>Black Basalt cased</u>	<u>350</u>	<u>400</u>	
<u>Black Basalt hard</u>	<u>400</u>	<u>430</u>	

Work started July 26 19 77 Completed July 31 19 77
Date well drilling machine moved off of well July 31 19 77

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) Harold White Date July 31, 1977
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1040

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 Harold White (Type or print)
Address 3647 E 17th St Eugene Ore.
(Signed) Harold White
(Water Well Contractor)
Contractor's License No. 630 Date July 31 19 77

NOTICE TO WATER WELL CONTRACTOR
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STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

RECEIVED
JUL 16 1973
STATE ENGINEER
SALEM, OREGON

Well No. 155/3W-1973-2
Permit No. LANE 16359

(1) OWNER:
Name Ben Johnson
Address 2924 Adams St.
Eugene, Oregon

(2) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Driven Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
Dig Bored

(5) CASING INSTALLED: Threaded Welded
6" Diam. from 0 ft. to 74 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(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. _____
Type _____ 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? _____
Well: _____ gal./min. with _____ ft. drawdown after _____ hrs.
Ballor test 1/2 gal./min. with 50 ft. drawdown after 1 hrs.
Artesian flow _____ g.p.m.
Temperature of water 57 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:
Well seal—Material used 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 _____ sacks
Number of sacks of bentonite used in well seal 2 sacks
Brand name of bentonite YELLOWSTONE
Number of pounds of bentonite per 100 gallons of water 133 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 Lane Driller's well number 350
NW 1/4 SW 1/4 Section 19 T. 18S R. 3W W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.
Depth at which water was first found 240 ft.
Static level 260 ft. below land surface. Date 7/4/73
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 6"
Depth drilled 325 ft. Depth of completed well 315 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.

MATERIAL	From	To	SWL
BOULDERS + CLAY	0	12	
DARK BROWN CLAY	12	24	
RED-BROWN CLAYSTONE	24	65	
DARK GRAY SANDSTONE	65	153	
GRAY SANDSTONE-MED	153	248	
ROCK	248	252	
GRAY SANDSTONE-MED	252	300	
ROCK-GRAY	300	325	260

Work started 6/20 1973 Completed 7/6 1973
Date well drilling machine moved off of well 7/6 1973

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] Wm. J. Berger Date 7/6 1973
(Drilling Machine Operator)

Drilling Machine Operator's License No. 747

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 Miller-Jensen Company
(Person, firm or corporation) (Type or print)
Address P O Box 2571 Eugene, Or 97402
[Signed] Harry G. Miller Owner
(Water Well Contractor)
Contractor's License No. 179 Date 7-12-73 1973

(USE ADDITIONAL SHEETS IF NECESSARY)

SP-4486-118

RECEIVED

SEP 10 1986

18s/4w-2fcb
LANE 17275

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.785)

WATER RESOURCES DEPT

(1) OWNER: RICHARD SCOTT
Name: RICHARD SCOTT
Address: 29290 Mg. TAVISCH LN.
City: EUGENE State: ORE, Zip: 97402

Owner's Well Number: 154, OR280N

(9) LOCATION OF WELL by legal description:

County: LANE Latitude: Longitude:
Township: 18 S N or S, Range: 4 W E or W, WM.
Section: 21 NW 1/4 SW 1/4
Tax Lot: Lot: Block: Subdivision:
Street Address of Well (or nearest address): Same

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

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

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Normal Infection Other

(5) BORE HOLE CONSTRUCTION:
Depth of Completed Well: 560 ft.
Special Standards date of approval:

Table with columns: HOLE Diameter From, To, Material, SEAL Diameter From, To, Amount sacks or pounds. Row 1: 10, 0, 19, cement, 0, 19, 4 sacks

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:

(8) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Row 1: 6ft, 19, 250, [checked], [], [], []

(Location of shoe(s))

(7) PERFORATIONS/SCREENS:

Perforations Method: Material:
 Screens Type: Material:

Table with columns: From, To, Slot size, Number, Diameter, Temp/pipe size, Casing, Liner

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

Pump Sailer Air Artesian
Yield gal/min Pumping level Drill stem at Time 1/4 hr

Table with columns: Yield gal/min, Pumping level, Drill stem at, Time 1/4 hr. Row 1: 1, 555, 1 hr

Temperature of water: 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:

(10) STATIC WATER LEVEL:
ft. below land surface. Date: 8-4-86
Artesian pressure ft. per square inch. Date:

(11) WELL LOG: Ground elevation

Table with columns: Material, From, To, WB?, SWL. Rows include: Top soil (0-2), Yellow clay (2-10), Sandstone (brown) (10-12), Blue-gray sed. rock (12-75), Brown sed. rock (75-90), Gray sed. rock (90-560)

Date started: 7-31-86 Completed: 8-4-86

(unbonded) Water Well Constructor Certification:

I constructed this well in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed: [Signature] Lic. 1335 Date: 8-4-86

(bonded) Water Well Constructor Certification:

I accept responsibility for construction of this well and its compliance with all Oregon water well standards. This report is true to the best of my knowledge and belief.

Signed: [Signature] Lic. 104 Date: 8-4-86

Company: DELL PAGE WELL DRILLING CO. No. 123-86

00000 12/78

RECEIVED

LANE 17376 185/4 W/24

OCT - 3 1988 (START CARD) # 6593

STATE OF OREGON WATER WELL REPORT (as required by ORS 637.745)

(1) OWNER: Name Carl Hansen, Address 2840 Lincoln St., City Eugene, State Or, Zip 97401

(2) TYPE OF WORK: [X] New Well [] Deepen [] Recondition [] Abandon

(3) DRILL METHOD: [X] Rotary Air [] Rotary Mud [] Cable [] Other

(4) PROPOSED USE: [X] Domestic [] Commercial [] Industrial [] Irrigation [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No, Depth of Completed Well 145 ft.

Table with columns: HOLE Diameter From To, SEAL Material From To, Amount sacks or pounds. Row 1: 10" 0 18, Cement 0 18, 5 sacks. Row 2: 6" 18 145.

How was seal placed: Method [] A [] B [X] C [] D [] E. Backfill placed from 0 ft. to 0 ft. Material. Gravel placed from 0 ft. to 0 ft. Size of gravel.

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 6" 0 19 250 [X] [] [] []. Liner: [] [] [] [].

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: [] Perforations Method, [] Screens Type Material.

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

(8) WELL TESTS: Minimum testing time is 1 hour. [] Pump [] Baller [X] Air [] Flowing Artesian. Yield gal/min 13, Drawdown 110, Drill stem at 145, Time 1 hr. could fluctuate.

Temperature of water, 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 not tested.

(9) LOCATION OF WELL by legal description: County Lane, Township 18S, Range 4W, Section 24, Tax Lot 404, Street Address of Well 31300 Camas Lane, Eugene, Or.

(10) STATIC WATER LEVEL: 75 ft. below land surface, Date 9-12-88.

(11) WATER BEARING ZONES: Depth at which water was first found 123'

Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 123', 135', 13 gpm, 75'.

(12) WELL LOG: Ground elevation

Table with columns: Material, From, To, SWL. Rows: Topsoil (0-1), Brown Clay, Boulders (1-2), Gray Brown Basalt (2-29), Gray Green Brown Cong. (29-145), 75'.

Date started 9-12-88, Completed 9-12-88

(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 well construction standards. Signed Bob Murphy, WWC Number 1344, Date 9-12-88.

(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. Signed Cheryl Jones, WWC Number 559, Date 9-12-88.

WATER WELL REPORT
STATE OF OREGON

SEP 23 1983
State Well No. 185/400-24
State Permit No. LANE 17377

PLEASE TYPE OR PRINT IN INK
COUNTY OF LANE

(1) OWNER:

Name Jane Vogel
Address 214 Great Drive
City Eugene, Or.

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Hand Aired Driven
Battery Mod Dog
Cased Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal Withdrawal Rejection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded
6" Diam. from +1 ft. to 19 ft. Gauge 250

LINER INSTALLED:

Diam. from ft. to ft. Gauge

(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
Type Model No.
Diam. Slot Size Set from ft. to ft.
Diam. Slot Size Set from ft. to ft.
Drawdown is amount water level is lowered below static level

(8) WELL TESTS:

a pump test made? Yes No If yes, by whom?
Field: gal/min. with ft. drawdown after hrs.
Alt. test: 6 1/2 gal/min. with drill stem at 165 ft. 1 hrs.
Bailer test: gal/min. with ft. drawdown after hrs.
perian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes No
Well seal—Material used Portland Cement
Well sealed from land surface to 19 ft.
Diameter of well bore to bottom of seal 6 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 4 sacks
How was cement grout placed? Pressure Grouted

Was pump installed? No Type HP Depth ft.
Was a drive shoe used? Yes No Plug Size location ft.
Did any strata contain noticeable water? Yes No
Type of Water? depth of strata
Method of sealing strata off
Was well gravel packed? Yes No Size of gravel: ft.
Gravel placed from ft. to ft.

NOTICE TO WATER WELL CONSTRUCTOR
The original and first copy of this report are to be filed with the

(10) LOCATION OF WELL:

County Lane Driller's well number
Section 24 T. 18S R. 4W W.M.
Tax Lot # Lot Blk. Subdivision
Address at well location: Camas Lane off So. Willamette
3 Mile City Unit Eugene, Or. Right Hand Side

(11) WATER LEVEL: Completed well.

Depth at which water was first found 55 ft.
Static level 70 ft. below land surface. Date 9-7-83
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6"
Depth drilled 165 ft. Depth of completed well 165 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.

MATERIAL	From	To	SWL
Top Soil	0	1	
Brown Clay, Fractured Basalt	1	7	
Red Cinders	7	10	
Gray Green Cong.	10	31	
Red Cinders	31	34	
Basalt	34	50	
Red Brown Cinders	50	54	
Basalt	54	75	
Red Cinders	75	80	
Gray Brown Basalt	80	137	
Red Brown Cinders	137	147	
Gray Brown Basalt	147	165	

Work started 9-7 19 83 Completed 9-7 19 83
Date well drilling machine moved off of well 9-7 19 83

(unbonded) Water Well Constructor Certification (if applicable):
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
(Signed) Robert J. Nimsch Date 9-7, 19 83

Bonded Water Well Constructor Certification:
Bond 450452863 Issued by: United Pacific Ins.
(number) (Surety Company Name)
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Cassy Jones Well Drilling (Type or print)
Address 37145 Immigrant Road Pleasant Hill, Or.
(Signed) Cassy Jones Water Well Constructor
Date 9-7, 19 83

WATER RESOURCES DEPARTMENT,
SALESA, OREGON 97110
within 30 days from the date of well completion.

SP-4232-000

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97102
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

(Do not write above this line)

RECEIVED LANE 17378

AUG 9 1976

WATER RESOURCES DEPT.

(1) OWNER:

Name Ted Larson (R.W.)
Address South Willamette St.
Engena, Oregon

(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: None installed

Threaded Welded
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(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. _____
Type _____ 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? Driller
Yield: 6 gal./min. with 105 ft. drawdown after 1 hrs.
Bailey test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used _____
Well sealed from land surface to _____ ft.
Diameter of well bore to bottom of seal _____ in.
Diameter of well bore below seal _____ in.
Number of sacks of cement used in well seal _____ sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons of water _____ lbs./100 gals.
Was a drive shoe used? Yes No Flange _____ Size: location _____ ft.
Did any strata contain unworkable 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 Lane Driller's well number 1891-CP
1/8 E. 1/4 Section 21, T8 S, R1 W W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 155 ft.
Static level 50 ft. below land surface. Date 7-23-76
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing _____
Depth drilled 152 ft. Depth of completed well 152 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.

MATERIAL	From	To	SWL
Soft blue rock	0	4	
Hard black basalt	4	32	
Red lava rock	32	36	
Hard black basalt	36	61	
Red lava rock	61	67	
Hard black basalt	67	71.5	50
Blue shale	71.5	152	50

Well was abandoned and filled with bentonite from 30' to 152' then cement grouted from 0 to 30'.
Work started 7-22 19 76 Completed 7-27 19 76
Date well drilling machine moved off of well 7-27 19 76

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] Arthur J. Jones Date 8-3 19 76
(Drilling Machine Operator)
Drilling Machine Operator's License No. 717

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 Carter's Drilling & Pump Service
(Person, firm or corporation)
Address P. O. Box 46 Springfield, Or 97177
[Signed] James J. Carter
(Water Well Contractor)
Contractor's License No. 126 Date 8-3 19 76

(USE ADDITIONAL SHEETS IF NECESSARY)

SP-4006-119

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the
WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97110
within 30 days from the date
of well completion.

RECEIVED WATER WELL REPORT RECEIVED

AUG 10 1977 (Please type or print)
WATER RESOURCES DEPT.
SALEM, OREGON

FEB - 7 1978

State Well No. 45724
State Permit No. B54W-24
LANE 17379

(1) OWNER:
Name Peter A. Dobras
Address 20731 Maxion Ave.
Salem, Oregon

(2) TYPE OF WORK (check):
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in item 11.

(3) TYPE OF WELL: (4) PROPOSED USE (check):
Rotary Driven Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
Dug Bored

(5) CASING INSTALLED: Threaded Welded
4" Diam. from 0 ft. to 20 ft. Gage 750
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(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 _____
Type _____ 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? _____
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
Tested w/air 1 1/2 gpm
Ballor test _____ gal./min. with 490 ft. drawdown after 1 hrs.
Artesian flow _____ g.p.m.
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION: Well seal—Material used Cement
Well sealed from land surface to 19 ft.
Diameter of well bore to bottom of seal 6 in.
Diameter of well bore below seal _____ in.
Number of sacks of cement used in well seal 4 sacks
How was cement grout placed? poured from barrel

Was a drive shoe used? Yes No Flugs _____ 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 Lane Driller's well number _____
1/4 Section 18 T. 4S R. 4W W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.
Depth at which water was first found 214 ft.
Static level 30 ft. below land surface. Date 7-6-77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing 6"
Depth drilled 520 ft. Depth of completed well 230 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.

MATERIAL	From	To	SWL
Top Soil	0	3	
Brown Clay	3	6	
Red basalt	6	12	
Blue basalt	12	45	
Red blue basalt	45	55	
Blue basalt	55	90	
Red cinders	90	95	
Blue basalt	95	130	
Red cinders	130	160	
Blue basalt	160	230	
Red chertstone	230	235	
Blue sandy chertstone	235	236	
Blue chertstone	236	360	
Blue sandstone	360	400	
Blue chertstone	400	475	
Blue basalt	475	495	
Blue basalt blue chertstone	495	520	

Work started 7-1-77 19____ Completed 7-6-77 19____
Date well drilling machine moved off of well 7-6 19 77

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] E. J. G. G. G. Date 7/11 19 77
(Drilling Machine Operator)
Drilling Machine Operator's License No. 948

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 Casey Jones Well Drilling
(Person, firm or corporation) (Type or print)
Address 3715 Zimmerman 9020 P.H. 112
[Signed] Casey Jones
(Water Well Contractor)
Contractor's License No. 249 Date 8-1-77 19____

(USE ADDITIONAL SHEETS IF NECESSARY)

SP-4686-113

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

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

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED

AUG 16 1976

State Permit No.

WATER RESOURCES DEPT.

LANE 12380
185/4024

(1) OWNER:

Name Ted Larsen #2 (R.W.)
Address 2855 Alta Vista Court
Eugene, Oregon

(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 Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
Dug Bored

(4) PROPOSED USE (check):

(6) CASING INSTALLED:

Threaded Welded
6" Diam. from 0 ft. to 20 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(7) 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 _____
Type _____ 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? Driller
Yield: 3/4 gal./min. with 189 ft. drawdown after 1 hrs.
Bailer test NO gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm.
Temperature of water 53° Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Portland Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 9-7/8 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 5 sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons of water _____ 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 Lane Driller's well number 1926-C.P.
S.E. 1/4 Section 24 T. 18-S R. 4-W W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 58 ft.
Static level 11 ft. below land surface. Date 8/6/76
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 6
Depth drilled 200 ft. Depth of completed well 200 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.

MATERIAL	From	To	SWL
Top Soil	0	3	—
Medium Cobbles	3	5	—
Hard Blue Rock	5	151	58
Blue Rock	151	200	58

Work started 8/6 19 76 Completed 8/9 19 76
Date well drilling machine moved off of well 8/9 19 76

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] William J. Carter Date 8/12 19 76
(Drilling Machine Operator)
Drilling Machine Operator's License No. 717

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 CARTER'S DRILLING & PUMP SERVICE
(Person, firm or corporation) (Type or print)
Address P.O. Box 66, Springfield, Oregon 97177
[Signed] William J. Carter
(Water Well Contractor)
Contractor's license No. 126 Date 8/12 19 76

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 837.785)

WATER RESOURCES DEPT.
SALEM, OREGON

(START CARD) # 29739

(1) OWNER:

Name DEREK JAROS
Address 207 WEST 52ND AVENUE
City EUGENE State OR Zip 97402

(2) TYPE OF WORK:

New Well Deepen Recondition Abandon

(3) DRILL METHOD

Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 510 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
10"	0	98'	CEMENT	0	100'	25 SACKS
6"	98'	510'				

How was seal placed? Method A B C D E

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

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing	6"	+1	99'	2.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner	4 1/2"	10'	510'		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of sheets: NONE USED

(7) PERFORATIONS/SCREENS:

Perforations Method SAW - IN
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tube/pipe size	Casing	Liner
190'	510'	1/8X6	350	4 1/2"		<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Pump Bailor Air Flowing Artesian
Yield gal/min _____ Drawdown _____ Drill stem at _____ Time _____

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 LANE Latitude _____ Longitude _____
Township 18S N or S, Range 03W E or W, WM.
Section 19 NW SW W
Tax Lot 3506 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) SO. WILLAMETTE ST.,
EUGENE, OR 97405

(10) STATIC WATER LEVEL:

180 ft. below land surface. Date 10/4/91
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 190'

From	To	Estimated Flow Rate	SWL
190'	191'	5 GPM	180'

(12) WELL LOG:

Material	From	To	SWL
BROWN CLAY & BOULDERS	0	19'	
BROWN SANDSTONE	19'	27'	
SOFT BLUE CLAYSTONE	27'	43'	
FIRM BROWN CLAYSTONE	43'	96'	
HARD BLUE GRAY BASALT	96'	510'	180'

Date started 9/28/91 Completed 10/4/91

(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 well construction standards. Materials used and information reported above are true to my best knowledge and belief.

WWC Number _____
Signed _____ Date _____

(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 well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 126
Signed James J. [Signature] Date 10/9/91

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT

SECOND COPY - CONSTRUCTOR

THIRD COPY - CUSTOMER

WSR/C 2/88

N

RECEIVED

STATE OF OREGON SEP 24 1993 WATER WELL REPORT (as required by ORS 317.74) WATER RESOURCES DEPT.

LANE 4166

185/3W/19cc

(START CARD) # W57508

SALEM, OREGON Well Number 1

(1) OWNER: Name Bob Bennett Address 85334 So. Willamette St. City Eugene State OR Zip 97405

(2) TYPE OF WORK: [X] New Well [] Deepen [] Recondition [] Abandon

(3) DRILL METHOD: [X] Rotary Air [] Rotary Mud [] Cable [] Other

(4) PROPOSED USE: [X] Domestic [] Community [] Industrial [] Irrigation [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 475 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or posts. Row 1: 10", 0', 18', Cement, 0, 18', 6 sacks. Row 2: 6", 18', 475',

How was seal placed: Method [] A [] B [X] 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. Row 1: Casing: 6", 13', 18 1/2', .250, [X], [], [], []

Final location of shoe(s) 18 1/2'

(7) PERFORATIONS/SCREENS: [] Perforations Method [] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Pipe/pipe size, Casing, Liner

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

[] Pump [] Bailor [X] Air [] Flowing Artesian

Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Row 1: 3/4, 434', 475', 1 hr.

Temperature of Water 57 Depth Artesian Flow Found

Was a water analysis done? [] Yes By whom not tested

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 Lane Latitude Longitude Township 18S N or S Range 3W E or W. WM. Section 19 SW W SW W Tax Lot 3401 Lot Block Subdivision

(10) STATIC WATER LEVEL: 41 ft. below land surface. Date 9-9-93

(11) WATER BEARING ZONES: Depth at which water was first found 160'

Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 160', 165', 3/4 gpm, 41'

(12) WELL LOG: Ground elevation

Table with columns: Material, From, To, SWL. Rows include: Topsoil (0-4'), Clay (4-10'), Brown claystone (10-50'), Basalt (50-85'), Brown, gray claystone (85-100'), Basalt (100-115'), Brown claystone (115-130'), Basalt (130-160'), Brown, gray claystone (160-175'), Gray sandstone (175-185'), Brown claystone (185-200'), Gray, green, brown congl. (200-445'), Brown claystone (445-455')

Date started 9-8-93 Completed 9-9-93

(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 well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed Mike WWC Number 1564 Date 9-9-93

(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 well construction standards. This report is true to the best of my knowledge and belief.

Signed Corey WWC Number 1544 Date 9-9-93

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STATE OF OREGON JAN 31 1994 WATER WELL REPORT WATER RESOURCES DEPT. SALEM, OREGON

LANE 4470

18s/3w/19ca

(START CARD) # W60194

(1) OWNER: Name Terri Anderson Address 70 Ridgeline Dr. City Eugene State OR Zip 97405

(2) TYPE OF WORK: [X] New Well [] Deepen [] Recondition [] Abandon

(3) DRILL METHOD: [X] Rotary Air [] Rotary Mud [] Cable [] Other

(4) PROPOSED USE: [X] Domestic [] Community [] Industrial [] Irrigation [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 130 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, SEAL From, To, Material, Amount sacks or pounds. Row 1: 10", 0, 78', Cement, 29 sacks. Row 2: 6", 78', 130', , ,

How was seal placed: Method [] A [] B [X] 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. Rows for Casing and Liner.

(7) PERFORATIONS/SCREENS: [X] Perforations Method SAW [] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Tube/pipe size, Casing, Liner. Row 1: 70', 130', 1/8x2, 600, 4 1/2", , [], [X]

(8) WELL TESTS: Minimum testing time is 1 hour [] Pump [] Bailor [X] Air [] Flowing Artesian

Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Row 1: 16 1/2, 75', 130', 1 hr.

Temperature of Water 57° Depth Artesian Flow Found Was a water analysis done? [] Yes By whom NOT tested Did any strata contain water not suitable for intended use? [] Too little [] Salty [] Muddy [] Odor [] Colored [] Other

Depth of strata: ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER

(9) LOCATION OF WELL by legal description: County Lane Latitude Longitude Township 18S N or S. Range 3W E or W. WM. Section 19 NE 1/4 SW 1/4 Tax Lot 1511 Lot Block Subdivision Street Address of Well (or nearest address) Next to 31613 Pruetz Rd.

(10) STATIC WATER LEVEL: 55 ft. below land surface. Date 1-4-93 Artesian pressure ft. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 108'

Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 108', 109', 16 1/2 gpm, 55'

(12) WELL LOG: Ground elevation

Table with columns: Material, From, To, SWL. Rows: Topsoil (0-2'), Tan clay (2-4'), Clay & Boulders (4-20'), Tan clay (20-35'), Tan & brown sandstone (35-55'), Gray sandstone (55-68'), Tan, brown sandstone (68-82'), Green sandstone (82-89'), Tan & brown sandstone (89-103'), Blue sandstone (103-106'), Tan & brown sandstone (106-111'), Blue sandstone (111-130')

Date started 12-30-93 Completed 1-4-94

(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 well construction standards. Materials used and information reported above are true to my best knowledge and belief. Signed John Jones WWC Number 1617 Date 1-4-94

(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 well construction standards. This report is true to the best of my knowledge and belief. Signed Casey Jones WWC Number 259 Date 1-4-94

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.245)

LANE
46-34

RECEIVED

MAY - 9 1994

(START CARD) #

54839

188/3w/19cd

WATER RESOURCES DEPT.

(1) OWNER: Name James W. Savage Well Number SALEM, OR 977405
Address 3177 Fox Hollow Road
City Eugene State OR Zip 977405

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

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

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 180 ft.
Explosives used Yes No Type _____ Amount _____

HOLE Diameter	From	To	Material	SEAL		Amount sacks or pounds
				From	To	
10"	0	50	Bentonite	50	0	19 sacks
6"	50	180				

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

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"	0	115	603	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Liner: 5"	0	173 1/4	188		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(7) PERFORATIONS/SCREENS:
 Perforations Method Factory/Torch
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
113 1/4	173 1/4	2 1/4	208	5"		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian
Yield gal/min _____ Drawdown _____ Drill stem at _____ Time _____
15 _____ 160 _____ 1 hr.

Temperature of Water 55.0 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 Lane Latitude _____ Longitude _____
Towship 18 N or S Range 03 E or W
Section 19 SE 1/4 SW 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) S. Wilkowitz St. Eugene, OR 97405

(10) STATIC WATER LEVEL:
69 ft. below land surface. Date 5/5/94
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 120'

From	To	Estimated Flow Rate	SWL
120	125	3.6 GPM	69
160	165	12.6 GPM	69

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Brown Topsoil	0	1	
Yellow Clay	1	19	
Brown Clay	19	26	
Gray Clay	26	36	
Gray Claystone	36	50	
Green Claystone	50	53	
Gray Claystone	53	60	
Reddish Brown Claystone	60	120	
Gray Claystone	120	135	69'
Reddish Brown Claystone	135	160	
Gray Claystone	160	180	69'

Date started 4/27/94 Completed 5/5/94

(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 well construction standards. Materials used and information reported above are true to my best knowledge and belief.

WWC Number _____
Signed _____ Date _____

(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 well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 1562
Signed Sean Oldham Date 5/5/94

lane RECEIVED
52645

WELL I.D.# 214150

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 337.765)
WATER RESOURCES DEPT.
Instructions for completing this report are on the back of this form.

(START CARD) # 099328

(1) OWNER: Well Number _____
Name SKIP P Dahlen
Address PO Box 5687
City Eugene State OR Zip 97405

(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 262'
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
10"	0 19	Benmit	0 19		10
6"	19 262				

How was seal placed: Method A B C D E
 Other dry pour
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"	0+1	19	25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 19'

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

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

<input checked="" type="checkbox"/> Pump	<input checked="" type="checkbox"/> Bailor	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing
Yield gal/min	Drawdown	Drill stem at	Time
20 GPM	20		1 hr.
30 GPM		Pump 250	

Temperature of water 53° 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 Lane Latitude _____ Longitude _____
Township 18 N or S Range 04 E or W
Section 34 NE 1/4 SW 1/4
Tax Lot 300 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) South Willamette Rd. 85537 Eugene

(10) STATIC WATER LEVEL:
62' ft. below land surface. Date July 2, 97
Artesian pressure _____ lbs. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 240'

From	To	Estimated Flow Rate	SWL
240	251	30	62

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Top Soil	0	1	
Brack Sandstone Clay	1	7	
Red Basalt	7	22.5	
Gray Basalt	28	150	
Black Basalt	150	215	
Brown Green Sandstone	215	230	
Black Basalt	230	262	62'

Date started June 19, 1997 Completed July 3, 1997
(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.
WWC Number _____ Date 9/18/97

(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.
WWC Number 1835
Signed Jerry A Maden Date 7/28/97

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

lane RECEIVED
52646

WELL I.D.# L14151

STATE OF OREGON AUG - 4 1997
WATER SUPPLY WELL REPORT WATER RESOURCES DEPT.
(as required by ORS 537.745)

(START CARD) # 099327

(1) OWNER:
Name Kip P Dahlen
Address PO Box 5687
City Eugene State OR Zip 97409

Well Number L14151

(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 440'
Explosives used Yes No Type _____ Amount _____

HOLE SEAL

Diameter	From	To	Material	From	To	Sacks or pounds
8"	0	20	Bentonite			70
6"	0	440				

How was seal placed: Method A B C D E
 Other pour Dry Gravel tamped
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"	0+2	22	25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 22'

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Tele/pipe size	Casing	Liner
							<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Time
<u>1 1/2</u>	<u>440'</u>		<u>1 hr</u>

Temperature of water 53° 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 Lane Latitude _____ Longitude _____
Township 18 N or S Range 04 E or W
Section 24 NW 1/4 SW 1/4
Tax Lot 300 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Sanct Walamate Rd
85537 Eugene

(10) STATIC WATER LEVEL:
35' ft. below land surface. Date 07/21/97
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 250'

From	To	Estimated Flow Rate	SWL
<u>250</u>	<u>470</u>	<u>1 1/2</u>	<u>35'</u>

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
<u>Cobles</u>	<u>0</u>	<u>8</u>	
<u>Red Cinders</u>	<u>8</u>	<u>53</u>	
<u>Black Basalt</u>	<u>53</u>	<u>300</u>	<u>35'</u>
<u>Red Basalt</u>	<u>300</u>	<u>360</u>	<u>35'</u>
<u>Black Basalt</u>	<u>360</u>	<u>411</u>	<u>35'</u>
<u>Red Basalt</u>	<u>411</u>	<u>425</u>	<u>35'</u>
<u>Loose Reddish Claystone</u>	<u>425</u>	<u>440</u>	<u>35'</u>

Date started June 15/97 Completed July 22/97
(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 Derek Malcom WWC Number 1696
Date 07/31/97

(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 Jerry Madson WWC Number 1635
Date 7/31/97

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

RECEIVED

NOV 14 1997

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

LANE 54194 WELL I.D.# 414162

WATER RESOURCES DEPT. 099338
SALEM, OREGON

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

(1) OWNER: Well Number _____
Name Skip Dahlen
Address P.O. Box 5687
City Eugene State OR Zip 97405

(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 330 ft.
Explosives used Yes No Type _____ Amount _____

HOLE SEAL

Diameter	From	To	Material	From	To	Sacks or pounds
10"	0	18	Bmate	0	18	13
6"	18	330				

How was seal placed: Method A B C D E
 Other dry pour
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"	0+2	18	25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 18'

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

Pump	Bailer	Air	Flowing Artesian
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yield gal/min	Drawdown	Drill stems at	Time
<u>20 gpm</u>	<u>330</u>		<u>1 hr.</u>

Temperature of water 53° 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 Lane Latitude _____ Longitude _____
Township 18 N or S Range 04 E or W
Section 34 NW 1/4 SW 1/4
Tax Lot 300 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 85537
South WilliamsHe Eugene Or.

(10) STATIC WATER LEVEL:
78 ft. below land surface. Date 10/14/97
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 205'

From	To	Estimated Flow Rate	SWL
<u>205</u>	<u>215</u>	<u>20 gpm</u>	<u>78</u>

(12) WELL LOG:
Ground Elevation 1200'

Material	From	To	SWL
Top Soil	0	1	
Clay Bedded Sandstone	1	6	
Gray Sandstone	6	10	
Red Basalt	10	95	
Black Basalt	95	175	
Red Basalt	175	205	78
Black Basalt	205	275	78
Clay stone	275	320	78
Black Basalt	320	330	78

Date started Aug 25, 1997 Completed Oct. 14, 1997

(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.
WWC Number _____ Date _____

Signed _____
(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.
WWC Number 1635
Signed Jerry A. Madu Date 10/16/97

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

APPENDIX B
STATISTICS

Wells in T18S, R3 Section 19 and T18S, R4W Section 24

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
LANE 17379	214	220	30	1.5
LANE 52646	250	440	35	2
LANE 17375		560	40	0.5
LANE 52645	240	262	62	30
LANE 1469	130	446	12	2
LANE 17378	155	452	50	6
LANE 17376	123	145	35	13
LANE 17377	55	165	70	6.5
LANE 17380	58	200	11	0.8
LANE 54194	205	330	78	2
LANE 52646	250	440	35	2
LANE 17375		560	40	0.5
LANE 52645	240	262	62	30
LANE 1469	130	446	12	2
LANE 17378	155	452	50	6
LANE 17376	123	145	35	13
LANE 17377	55	165	70	6.5
LANE 17380	58	200	11	0.8
LANE 54194	205	330	78	2
LANE 17379	214	220	30	1.5
Well Log	First Water (ft. bgs)	Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
COUNT	18	20	20	20
MAX	250	560	78	30
MIN	55	145	11	0.5
AVERAGE	159	322	42	6
MODE	214	220	35	2
MEDIAN	155	296	37.5	2

All wells in the Vicinity

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
LANE 17379	214	220	30	1.5
LANE 52646	250	440	35	2
LANE 17375		560	40	0.5
LANE 52645	240	262	62	30
LANE 1469	130	446	12	2
LANE 17378	155	452	50	6
LANE 17376	123	145	35	13
LANE 17377	55	165	70	6.5
LANE 17380	58	200	11	0.8
LANE 54194	205	330	78	2
LANE 52646	250	440	35	2
LANE 17375		560	40	0.5
LANE 52645	240	262	62	30
LANE 1469	130	446	12	2
LANE 17378	155	452	50	6
LANE 17376	123	145	35	13
LANE 17377	55	165	70	6.5
LANE 17380	58	200	11	0.8
LANE 54194	205	330	78	2
LANE 17379	214	220	30	1.5
LANE 17035	78	155	24	18
LANE 2977	35	205	3	3
LANE 2495	365	380	289	25
LANE 4934	245	290	141	3
LANE 17398		300	300	
LANE 17402	30	230	25	30
LANE 17407	123	175	71	30
LANE 17415	155	260	80	9
LANE 17420	117	150	11	30
LANE 17426		145	25	2
LANE 17430		255	220	1
LANE 17433		205	85	12
LANE 1390	31	400	15	1

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
LANE 17024		84	22	7.5
LANE 17028	60			
LANE 17044	104	150	48	7.5
LANE 17048	90	340	15	2
LANE 17374	180	224	17	60
LANE 17364	112	190	80	25
LANE 1475	195	215	153	42
LANE 2363	258	278	142	20
LANE 3214	120	150	90	3
LANE 3870	172	325	155	6
LANE 3872	65	395	61	4
LANE 4936		240	158	15
LANE 37		450	18	1.5
LANE 231	175	500		
LANE 17404	47	90	10	20
LANE 17406	410	413	197	5
LANE 17411	130	275	100	4.6
LANE 17413	172	200	60	43
LANE 17432	51	120	5	30
LANE 24458	57	160	37	5
LANE 58772	180	320	125	1
LANE 17025	215	290	30	15
LANE 17046	60	88	18	35
LANE 17052		502	180	20
LANE 52540		200	6	2
LANE 17366	70	280	52	8
LANE 206	388	390	207	80
LANE 275	68	90	68	30
LANE 17389	200	290	200	
LANE 17391	132	155	110	25
LANE 17400	300	500	100	
LANE 17405	330	375	70	12
LANE 17409	190	275	165	15
LANE				

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
17422	420		37	24
LANE				
52399	70	255	28	2.5
LANE				
58690	112	203	40	30
LANE				
58943	207	280	152	5
LANE				
17032		120	7.5	8
LANE				
17033		155	60	10
LANE				
17042		230		1
LANE				
17013	270	300	100	7
LANE				
4393		420		
LANE				
17368	40	615	20	26
LANE				
17371		320		
LANE				
1471	40	85	58	20
LANE				
5688	150	170	40	40
LANE				
50041	56	250	37	12
LANE				
17436		300	120	
LANE				
61689	163	275	108	105
LANE				
17382		98	56	8.3
LANE				
17027	40	105	25	1.5
LANE				
17029	45	400	50	7.5
LANE				
17030	30	205	5	2
LANE				
17050		50		
LANE				
57488	185	385	85	0.1
LANE				
1470	32	84	43	5.5
LANE				
2245		200		
LANE				
17408	359	525	85	6
LANE				
17418		160		18
LANE				
17437	120	140	60	18
LANE				
59680	40	340	8	1
LANE				
60866	85	360	35	1
LANE				
61606		400		
LANE				
17384		460	60	4.5
LANE				
4704	470	550	190	15
LANE				
16780	142	190	42	9
LANE				
17023	350	385	100	7.5

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
LANE 17040		150	30	1
LANE 17014	47	155	24	21
LANE 1468	90	165	8	12
LANE 17365		140		
LANE 17369	119	300	20	0.5
LANE 3134	260	295	195	30
LANE 3543	305	324	210	7
LANE 5398	339	350	201	7
LANE 17388	57	80	55	30
LANE 17393	215	455	80	1
LANE 17424	292	305	22	28
LANE 17431		110	60	24
LANE 17434		253		15
LANE 60077	200	220	100	0.3
LANE 17385		450	35	2
LANE 3330	28	50	9	10
LANE 4472	73	120	15	100
LANE 17043		222	40	3
LANE 17049		300	17	4
LANE 17051		105	24	1.7
LANE 58511				
LANE 2963	110	267	27	2.5
LANE 17370	262	906	19	1
LANE 5399		500		
LANE 5542		406	215	3
LANE 17396	150	165	60	75
LANE 17435	380	450	215	3
LANE 52361	135	230	85	60
LANE 52415	272	300	130	50
LANE 17386		200	20	10
LANE 1388	90	110	32	15
LANE 17022	129	275	51	2
LANE 17031	72	127	13	8
LANE				

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
17041		97	25	30
LANE				
59895	87	110	20	8
LANE				
2976	35	65	28	20
LANE				
17373	55	415	16	60
LANE				
1472	32	40	20	20
LANE				
2082		405	145	1
LANE				
2091	381	535	47	1.5
LANE				
2247	132	185	99	9
LANE				
2248	180	500	219	4.5
LANE				
2890	72	500	65	2.5
LANE				
4077	30	260	10	1
LANE 117	210	460	200	6
LANE				
17401	325	345		7
LANE				
17403	297	360	290	1
LANE				
24425	314	350	47	4
LANE				
50664	292	390	170	15
LANE				
57310	88	210	80	5
LANE				
57485		390	160	65
LANE				
58514	55	99	47	20
LANE				
60589		810		
LANE				
61449	90	127	80	36
LANE				
17034		230	80	9
LANE				
17020		108	29	42
LANE				
17372	147	734	74	1.1
LANE				
2034	457	500	178	20
LANE				
2163		275		
LANE				
5167	175	202	99	1
LANE 232	138	800		
LANE				
17394	62	260	56	3
LANE				
17399	215	400	155	12
LANE				
17414	169	200	119	24
LANE				
17428		300		
LANE				
17429		220	120	1
LANE				
57066	385	469	267	3

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
LANE 58444				
LANE 60076	150	180	12	20
LANE 60078	200	200	100	0.3
LANE 60079	240	240	240	0.3
LANE 17383		58	35	10
LANE 17037	210	270	210	
LANE 17045	191	201	41	16
LANE 17047	55	67	17	40
LANE 2975	40	120	28	6.5
LANE 17015	62	330	60	3
LANE 58014		20		
LANE 17367	60	130	42	100
LANE 52404	178	190	76	150
LANE 534		800		
LANE 1474	235	275	144	23
LANE 3973		450	300	
LANE 17410	62	240	20	6
LANE 17416	60	400	50	
LANE 17421	155	260	80	9
LANE 17427		205	30	2
LANE 60201		221	220	0.2
LANE 17387		125	55	6
LANE 4056	44	110	16	12.5
LANE 17021	70	160	20	20
LANE 17026	130	360	28	2
LANE 17036	185	425	90	1.5
LANE 17039	75	100	21	15
LANE 58950	566	600	165	12
LANE 2973	50	125	28	0.5
LANE 24169	40	84	30	2
LANE 17016		70	17	22
LANE 24242	41	84	34	4
LANE 1473	260	450	220	1.1
LANE				

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
2891	166	215	62	6
LANE				
17397		320	320	
LANE				
17412	305	500	130	1.8
LANE				
17417	12	125	39	17
LANE				
17419	275	305	160	7
LANE				
17423	190	200	100	2
LANE				
17425	130	155	25	20
LANE				
52396	70	350	38	0.3
LANE				
60075	140	300	140	0.3
LANE				
60733	60	200	20	6
LANE				
17381		270	80	100
LANE				
1389	80	180	10	14
LANE				
55235		22		
LANE				
16339		268	240	16
LANE				
16340		52	8	33.3
LANE				
55333			5	
LANE				
58353				
LANE				
16364	105	128	98	8.5
LANE				
1354	140	165	18	10
LANE				
16613		210	105	25
LANE				
16624	45	90	40	4
LANE				
16640	260	318	250	10
LANE				
16666	112	124	45	15
LANE				
57687	160	340	70	3
LANE				
59681	50	160	25	2
LANE				
61608	80	130	25	12
LANE				
2249	233	250	168	25
LANE				
50761	121	210	32	6
LANE				
51084	65	525	32	3.5
LANE				
4714	12	15	12	
LANE				
16343	22	40	11	60
LANE				
51504	110	143	45	10
LANE				
55232		18		
LANE				
55233		25		

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
LANE 16369	70	110	30	35
LANE 59880				
LANE 60085	72	127	69	13
LANE 16606	225			17.5
LANE 16610		163	38	10
LANE 16616	110	150	29	10.5
LANE 16656		32	8	20
LANE 16657		220	45	3.3
LANE 16663		350	98	
LANE 16664		225	80	16.7
LANE 16672		300	80	200
LANE 16596	30	485	25	3.5
LANE 16597	90	125	57	21
LANE 16599		130	129	
LANE 57582	75	140	51	10
LANE 52040		330		
LANE 54728	120	500	125	2
LANE 56845	120	260	60	2
LANE 16345		100	80	17
LANE 24282	100	100	100	15
LANE 16367		400	152	1.5
LANE 59085	78	454	27	20
LANE 59772	275	405	174	0.5
LANE 495	42	325	25	1
LANE 4409	193	210	74	10
LANE 16619	110	260	85	2
LANE 16620	151	250	42	20
LANE 16629	45	180	20	8.5
LANE 16651		220	30	4
LANE 16654		105	30	5.1
LANE 16671		395		
LANE 16676	55	60	19	20
LANE 50278	75	177	63	6
LANE				

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
4617		600		
LANE 156	176	325	155	0.2
LANE 51875	160	260	75	2
LANE 3716	10	20	10	
LANE 3769		10	4.8	
LANE 16344		390	80	20
LANE 16337		108	20	20
LANE 60740	145	180	40	20
LANE 1357	170	350	105	60
LANE 1358	55	135	35	15
LANE 2408		336	150	10
LANE 4252	85	515	47	1
LANE 24157	147	300	124	2
LANE 205	212	355	62	3
LANE 16614		245	40	4.5
LANE 16625	85	725	80	
LANE 16631	45	150	14	6.5
LANE 16642	296	305	79	20
LANE 16660	64	165	64	15
LANE 16673	137	350	98	
LANE 51294	35	160		10
LANE 51911		46		
LANE 54729		560	250	1
LANE 2926		6		
LANE 16342	120	150	50	23
LANE 2716	19	25	18.5	
LANE 5634	8	10	7	
LANE 59263	110	610	63	4
LANE 1352	25	127	17	4.5
LANE 4873	80	340	55	6
LANE 16623	30	173	6	6
LANE 16630	200	450	194	
LANE 16639	136	500	30	1
LANE 16646	60	80	17	8

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
LANE 16655		175	25	3.5
LANE 3962	55	445	7	1
LANE 3964	410	600	276	0.1
LANE 2004		10	6	
LANE 16338		280	6	120
LANE 1335	55	160	15	2.5
LANE 16362	55	110	30	7.5
LANE 59261	130	203	35	65
LANE 59881	49	407	15	0.3
LANE 61302	62	81	23	2
LANE 1353	233	300		18
LANE 1355	97	219	72	15
LANE 1356	80	95	40	5
LANE 2020	118	495	112	10
LANE 16608		352		
LANE 16618	115	350	92	
LANE 16621	70	220	21	1.5
LANE 16633	87	254	60	1.5
LANE 16644	59	185	23	30
LANE 16653		362	50	2.5
LANE 16665	190	305	155	6
LANE 51583	190	205	68	15
LANE 59529	200	240	80	2
LANE 62083	210	310	200	0.5
LANE 16601		115	25	10
LANE 52717	104	450	80	1
LANE 2925	5	5	5.3	1
LANE 54484	85	95	8	24
LANE 55234		25		
LANE 16336		97	16	20
LANE 16366	162	195	71	24
LANE 52662				
LANE 3180	230	260	107	2.5
LANE				

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
4253	60	470	49	12
LANE 220	90	245	80	10
LANE				
16604	260	305	80	4
LANE				
16609		485		
LANE				
16636	49	190	30	15
LANE				
16638	370	425	275	3
LANE				
16658		128	15	6.7
LANE				
16659	286	330	121	2
LANE				
16667	125	260	60	11
LANE				
16668	75	95	30	15
LANE				
16674		300	175	1
LANE				
16675	260	285	100	25
LANE				
50727	115	315	42	6.5
LANE				
16598	110	375	40	6
LANE				
55230		22		
LANE				
59237		40	15.5	
LANE				
60734	85	250	30	7
LANE				
60739	65	150	15	12
LANE				
16602	100	270	80	1
LANE				
16605	90	325	50	3
LANE				
16607		125	71	
LANE				
16615		302	50	6.5
LANE				
16627	105	230	50	3
LANE				
16628	45	330	40	4
LANE				
16632	293	305	259	60
LANE				
16649	130	300	100	1
LANE				
16669	105	250	50	3
LANE				
5022	73	456	60	5
LANE				
16595	65	140	40	40
LANE				
16600	35	80	3	50
LANE				
51083	45	133	20	7.5
LANE				
56847		380	80	0.3
LANE				
3717	10	18	10	
LANE				
4106	58	64	6	20

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
LANE 16334	36	47	8	25
LANE 59006	57	145	49	14
LANE 466		225	25	1
LANE 16603	190	470	170	
LANE 16637	96	450	58	
LANE 16641	301	345	99	1
LANE 16670		74	6	10
LANE 17640		52	12.5	10
LANE 57577	50	95	20	3
LANE 59402	151	400	72	0.5
LANE 1351	178	190	143	9
LANE 3244	315	395	77	2.5
LANE 3963	60	85	25	21
LANE 4616	126	140	6	8
LANE 52718	85	190	30	15
LANE 3714	10	20	10	
LANE 3768	18	20	5.3	
LANE 16341	155	165	40	15
LANE 16335		200	18	7
LANE 16363	82	100	25	9.5
LANE 59911	95	398	42	4
LANE 16611	85	400	42	1.3
LANE 16622	130	240	60	7
LANE 16634		240	180	5
LANE 16635	95	230	45	15
LANE 16652		41	18	2
LANE 16662		110	26	7.5
LANE 3961	355	460	295	0.3
LANE 53037	95	125	85	15
LANE 59086	234	515	20	2
LANE 16612	71	350	28	1
LANE 16617	72	350	50	3
LANE 16645	150	193	9	5
LANE				

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
16648	59	200	30	1.5
LANE				
16650	92	105	25	10
LANE				
16661		248	50	300
LANE				
13966	49	85	31	33
LANE 152	159	510	147	4
LANE				
52038	310	345	243	10
LANE				
53034	33	104	21	43
LANE				
57870	172	235	75	5
LANE				
57355	485	534	224	5
LANE				
57868	238	268	178	21
LANE				
59016	180	249	93	90
LANE				
59830	61	110	28	8
LANE				
59867	182	282	21	1
LANE				
59912	235	398	34	5
LANE				
60741	65	200	40	4
LANE				
57787	230	310	87	3
LANE				
57790	70	150	38	8
LANE				
57875	50	235	108	7
LANE				
57791	65	150	40	20
LANE				
59231	275	735	251	1.5
LANE				
59840	50	90	18	30
LANE				
57793	100	310	10	0.1
LANE				
58288	158	395	81	
LANE				
57771	40	150	25	5
LANE				
59839	44	85	6	30
LANE				
57772		600		
LANE				
58287	130	350	85	1
LANE				
59836	46	85	17	8
LANE				
61687		355		
LANE				
57792	81	305	86	1
LANE				
57874				
LANE				
58411	162	257	113	7
LANE				
59903	71	110	20	6
LANE				
57876	270	430	129	5

Well Log	First Water (ft. bgs)	Completed Depth (ft. bgs)	Static Water (ft. bgs)	Yield gpm
LANE 59738	435	560	270	1.5
LANE 59208	225	615	204	1.5
LANE 59882	22	354	7	2
LANE 55231		22		

Well Log	First Water (ft. bgs)	Completed (ft. bgs)	Static Water (ft. bgs)	Yield gpm
COUNT	324	429	396	374
MAX	566	906	320	300
MIN	5	5	3	0.1
Average	140	259	72	15
MODE	55	200	80	1
MEDIAN	112	240	49.5	7

APPENDIX C
DAHLEN WELL LOGS

lane
52645 **RECEIVED**

WELL I.D.# L14150

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
WATER RESOURCES DEPT.
Instructions for completing this report are on the back of this form.

(START CARD) # 099328

AUG - 4 1997

(1) OWNER: Well Number _____
Name Skip P Dahlen
Address PO Box 5687
City Eugene State OR Zip 97405

(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 262ft.
Explosives used Yes No Type _____ Amount _____

HOLE SEAL

Diameter	From	To	Material	From	To	Sacks or pounds
10"	0	19	Bennite	0	19	10
6"	19	263				

How was seal placed: Method A B C D E
 Other Dry pour
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"	0+1	19	25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 19'

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tube/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
20 gpm	20		1 hr
30 gpm		pump 250	

Temperature of water 53° 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 Lane Latitude _____ Longitude _____
Township 18 N of 3 Range 04 E or W of W.M.
Section 24 NE 1/4 SW 1/4
Tax Lot 300 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) South Willamette Rd. 85537 Eugene

(10) STATIC WATER LEVEL:
62' ft. below land surface. Date July 2, 1997
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 240'

From	To	Estimated Flow Rate	SWL
240	251	20	62

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Top Soil	0	1	
Brown Sandstone Clay	1	7	
Red Basalt	7	22.5	
Gray Basalt	28	150	
Black Basalt	150	215	
Brown Green Sandstone	215	230	
Black Basalt	230	262	62'

Date started June 19, 1997 Completed July 3, 1997
(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.
WWC Number _____
Signed _____ Date 9/18/97

(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.
WWC Number 1835
Signed Jerome Maden Date 9/28/97

RECEIVED

NOV 14 1997

STATE OF OREGON WATER SUPPLY WELL REPORT

WATER RESOURCES DEPT. 099338 SALEM, OREGON

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

(1) OWNER: Name Skip Dahlen, Address P.O. Box 5687, City Eugene, State OR, Zip 97405

(2) TYPE OF WORK: [X] New Well, [] Deepening, [] Alteration, [] Abandonment

(3) DRILL METHOD: [] Rotary Air, [] Rotary Mud, [X] Cable, [] Auger, [] Other

(4) PROPOSED USE: [X] Domestic, [] Community, [] Industrial, [] Irrigation, [] Thermal, [] Injection, [] Livestock, [] Other

(5) WORK HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No, Depth of Completed Well 330 ft.

Table for HOLE SEAL with columns for Diameter, From, To, Material, and Sacks or pounds.

How was seal placed: Method [] A [] B [] C [] D [] E, [X] Other Dry pour

Backfill placed from 0 ft. to 18 ft. Material Gravel placed from 18 ft. to 330 ft. Size of gravel

(6) CASING/LINER: Table with columns for Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded.

Final location of bore(s) 18'

(7) PERFORATIONS/SCREENS: Table with columns for From, To, Size, Number, Diameter, Material, Casing, Liner.

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

Table for Well Tests with columns for Pump, Yield, Drawdown, Air, Flowing, Artesian, Time.

Temperature of water 63°, Depth Artesian Flow Found, Was a water analysis done? [] Yes [] No, Did any strata contain water not suitable for intended use? [] Too little, [] Salty, [] Muddy, [] Odor, [] Colored, [] Other

(9) LOCATION OF WELL by legal description: County Lane, Township 18 N or Orange 04 E or W, Section 24 NW 1/4 SW 1/4, Tax Lot 300, Block, Subdivision, Street Address of Well South Williams He Eugene Or.

(10) STATIC WATER LEVEL: 78 ft. below land surface, Date 10/14/97, Artesian pressure lb. per square inch, Date

(11) WATER BEARING ZONES: Depth at which water was first found 205'

Table for Water Bearing Zones with columns for From, To, Estimated Flow Rate, SWL.

(12) WELL LOG: Ground Elevation 1200'

Table for Well Log with columns for Material, From, To, SWL.

Date started Oct 25, 1997, Completed Oct. 14, 1997

(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.

Signed [Signature], WWC Number, Date

(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.

Signed Jerry A. Madh, WWC Number 1635, Date 10/14/97

APPENDIX D
BOWER WELL LOG

APPENDIX E
BOWER AQUIFER TEST

MEMORANDUM

lane county



TO George Currin

FROM Ralph Christensen

SUBJECT Chet Bower Partition PA 2230-83

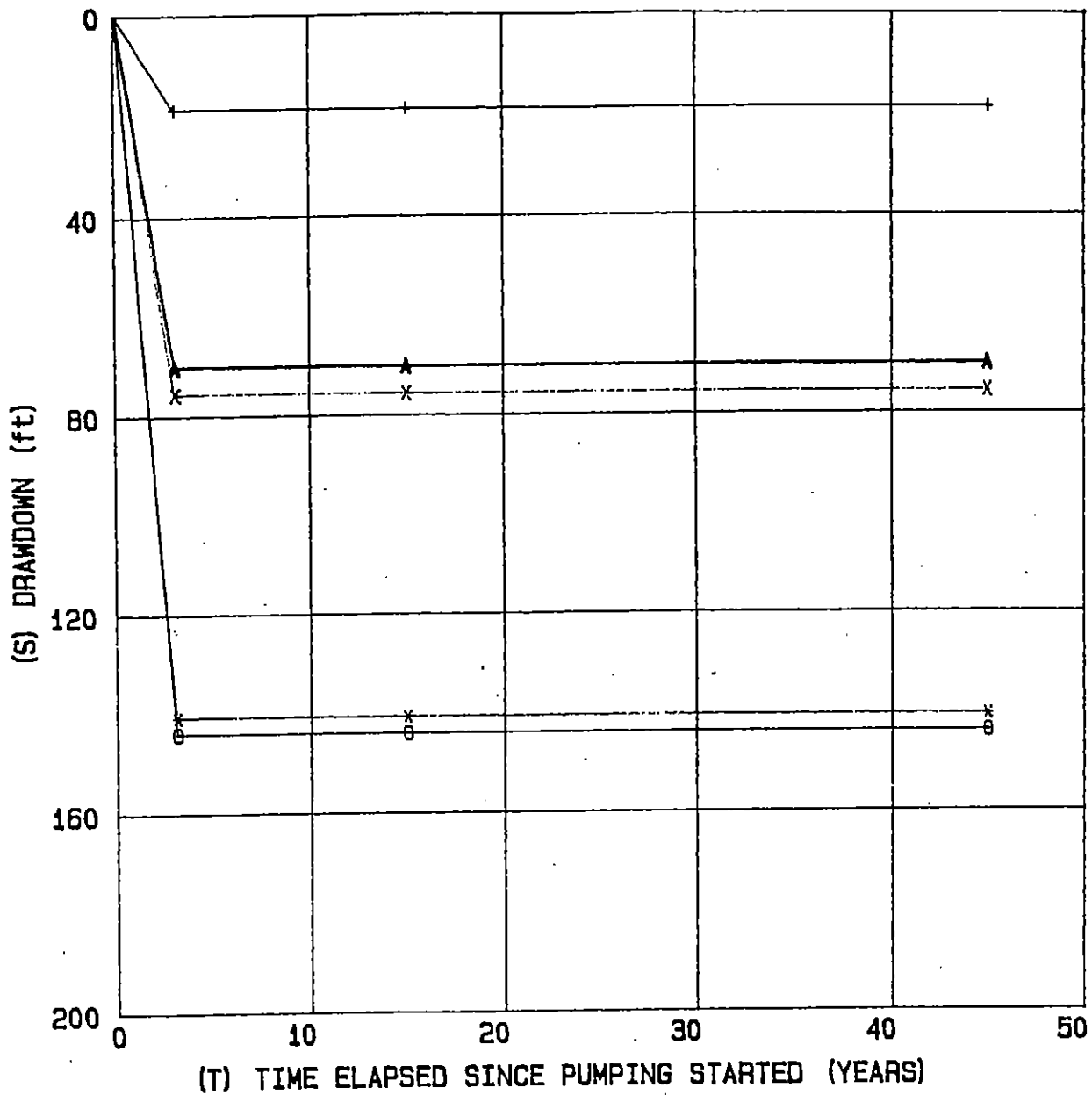
DATE 9/4/85

The aquifer test performed by Mr. Bowers indicates a transmissivity of between 55 and 69 gpd/ft. in an aquifer 100 ft. thick. The observation well, which taps an aquifer beneath the pumped aquifer, showed no response during the test. It thus appears that at least two separate, or poorly connected, aquifers are available for use in this area. The two wells are estimated to be about 200 ft. apart.

The transmissivity of 55 gpd/ft. is equal to a permeability of .55 gpd/square ft.

In a 400 ft. thick aquifer section the transmissivity would be 220 gpd/ft. Thus the overall transmissivity of at least 70 gpd/ft. in a 400 ft. thick aquifer, as required, has been met. This partition may be finalled and approved with respect to water availability.

RC/jbw



SYMBOL	X-COORDINATE	Y-COORDINATE
*	1250	1000
O	1000	1250
X	1500	1700
+	2500	2500
A	500	500

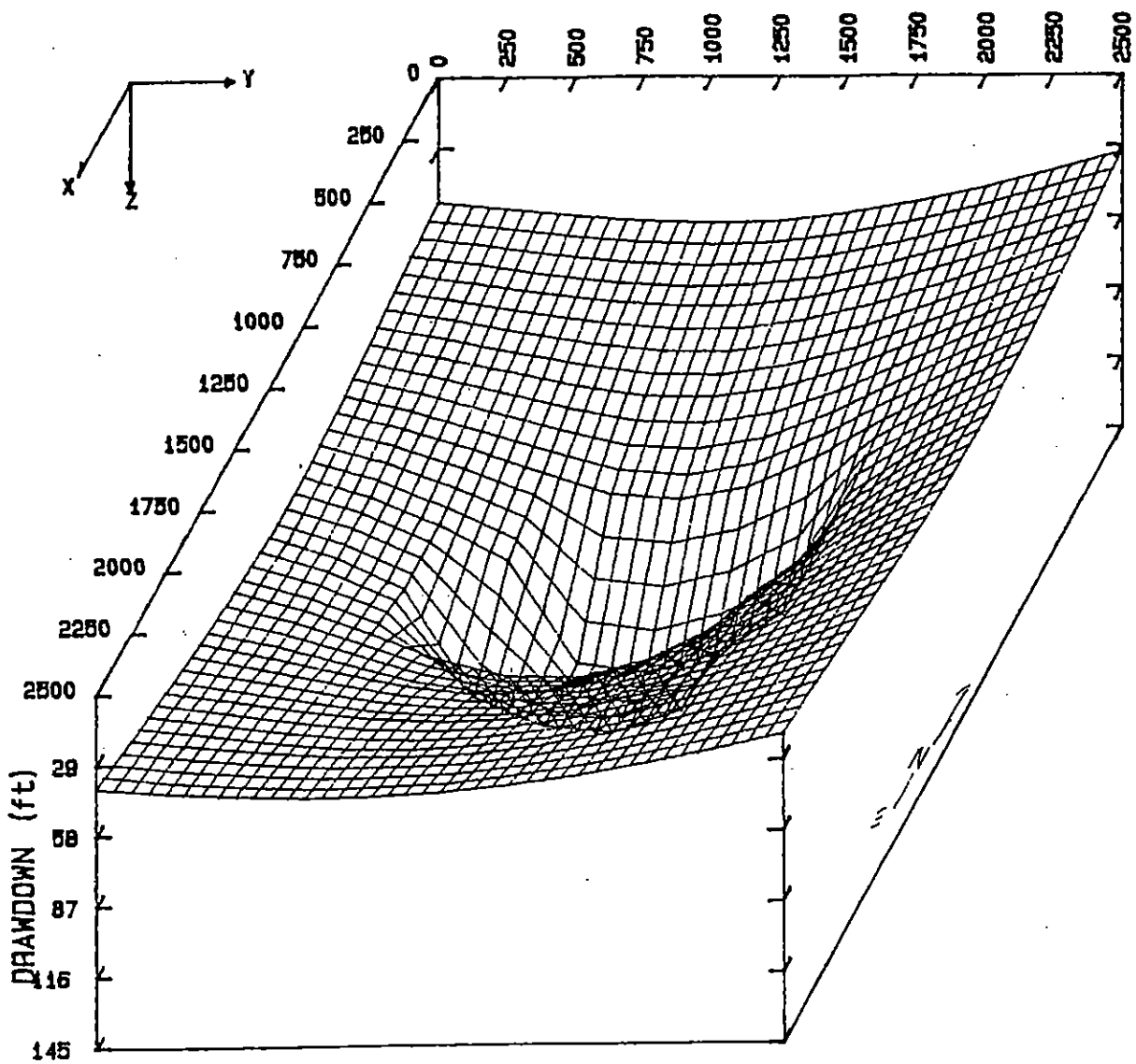
NOTE: PRIMED (*) POINTS INDICATE WATER LEVEL HAS DROPPED BELOW BOTTOM OF AQUIFER

PROJECT: CHET BOWERS
 FILE: 1
 LOCATION: SPENCE BUTTE

DRAWDOWN GRAPH

LANE COUNTY MANAGEMENT

FIGURE 1



GROUNDWATER LEVEL AFTER 45 YEARS OF PUMPING

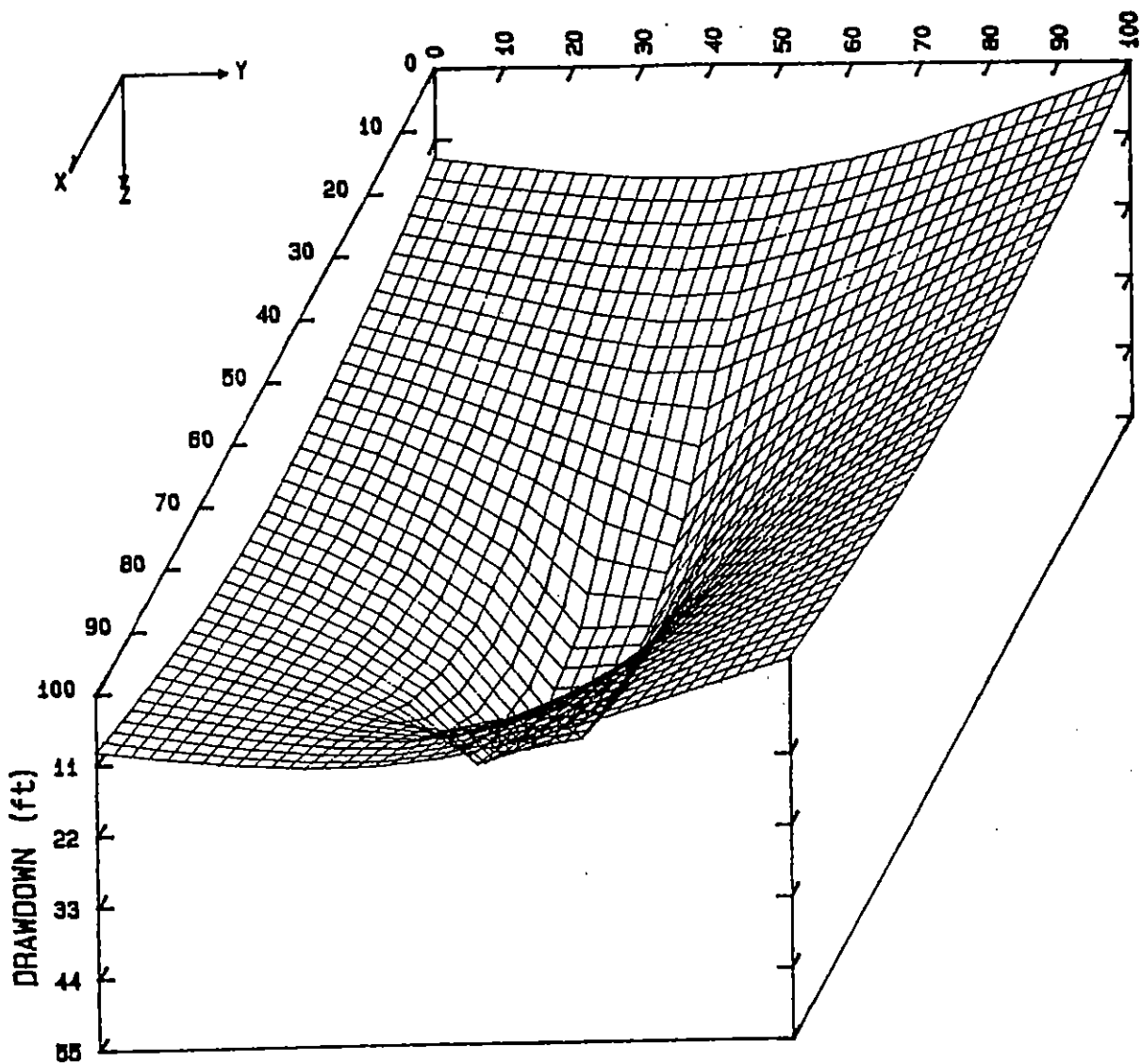
NOTE: SCALE OF X AND Y AXES DIFFERS FROM THAT OF Z AXIS

PROJECT: CHET BOWERS
 FILE: 1
 LOCATION: SPENCE BUTTE

GROUNDWATER LEVEL SHOWING EFFECTS OF PUMPING

LANE COUNTY MANAGEMENT

FIGURE 2



GROUNDWATER LEVEL AFTER 25 YEARS OF PUMPING

NOTE: SCALE OF X AND Y AXES DIFFERS FROM THAT OF Z AXIS

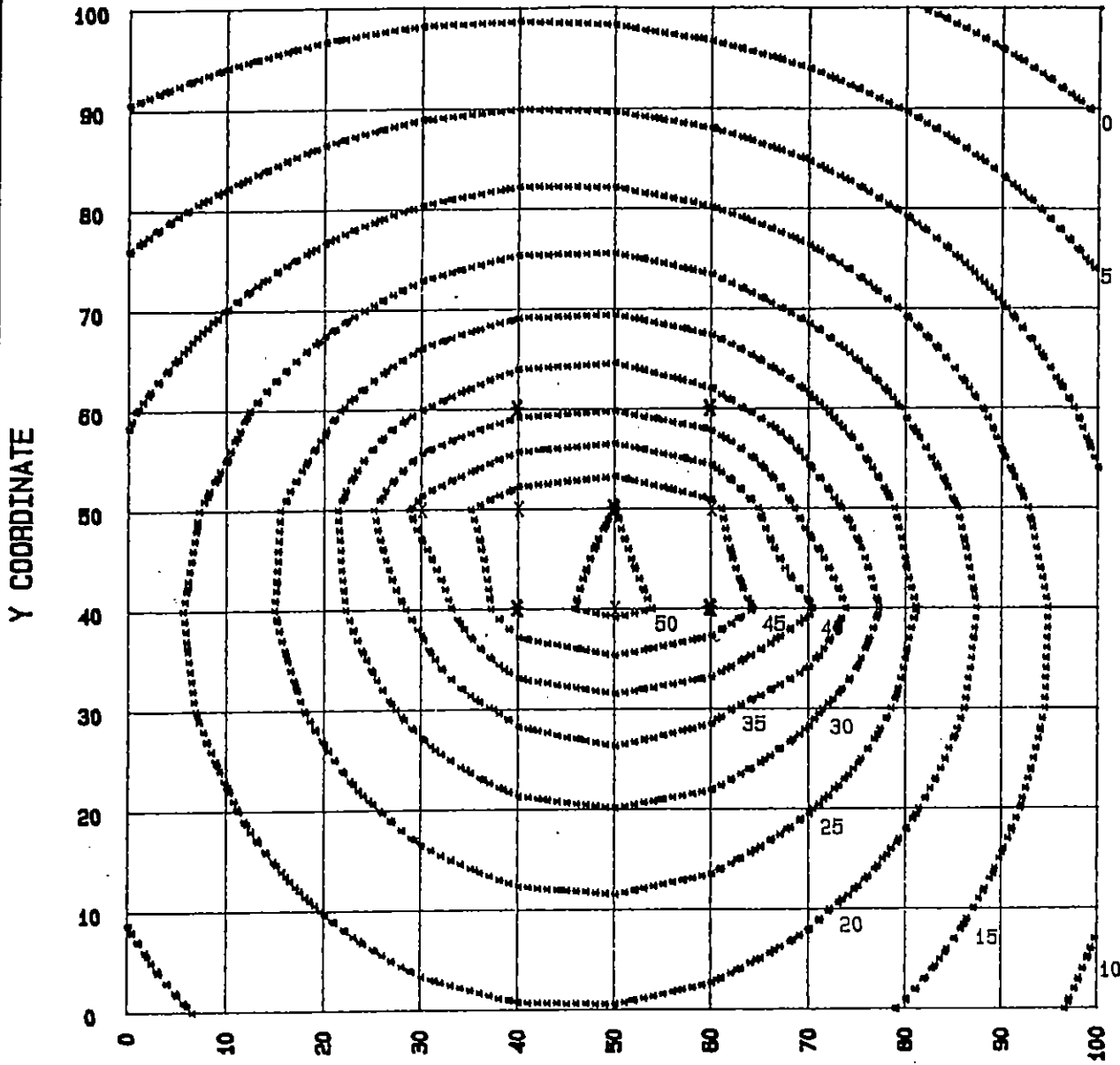
PROJECT: CHET BOWERS
 FILE: 1
 LOCATION: SPENCER BUTTE

GROUNDWATER LEVEL SHOWING
 EFFECTS OF PUMPING

LANE COUNTY MANAGEMENT

FIGURE 3

INTERPOLATED CONTOURS



X COORDINATE DISTANCE (ft)

LEGEND:

- * PRODUCTION WELL
- O OBSERVATION WELL
- X RECHARGE IMAGE WELL
- + BARRIER IMAGE WELL
- A OTHER
- * NODE SHOWN ON GRAPH

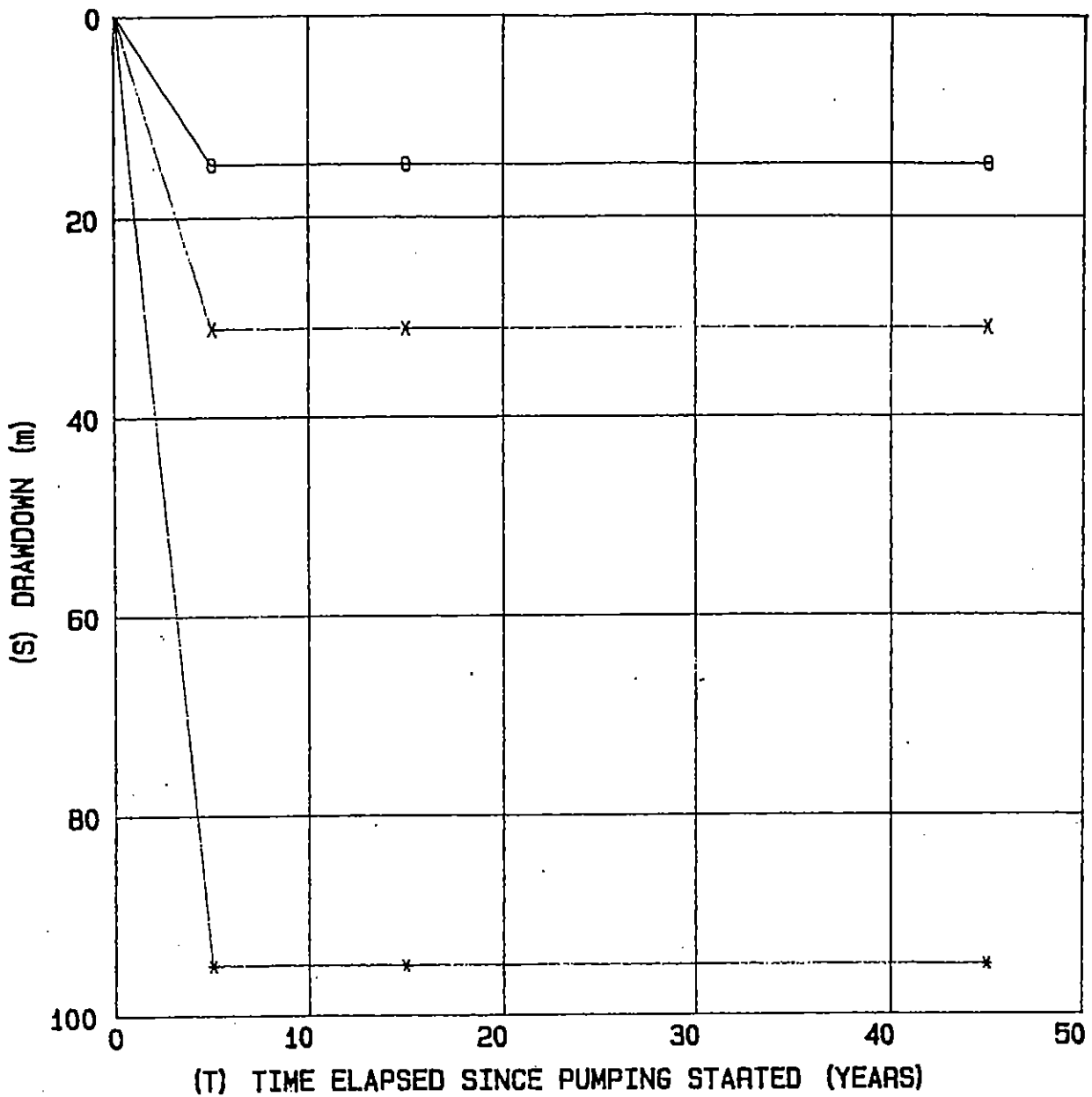
— 1.56
WATER TABLE CONTOUR

PROJECT: CHET BOWERS
FILE: 1
LOCATION: SPENCER BUTTE

WATER LEVEL CONTOURS
AFTER 25 YEARS OF PUMPING

LANE COUNTY MANAGEMENT

FIGURE 1



SYMBOL	X-COORDINATE	Y-COORDINATE
*	50	80
O	90	90
X	70	70
+		
A		

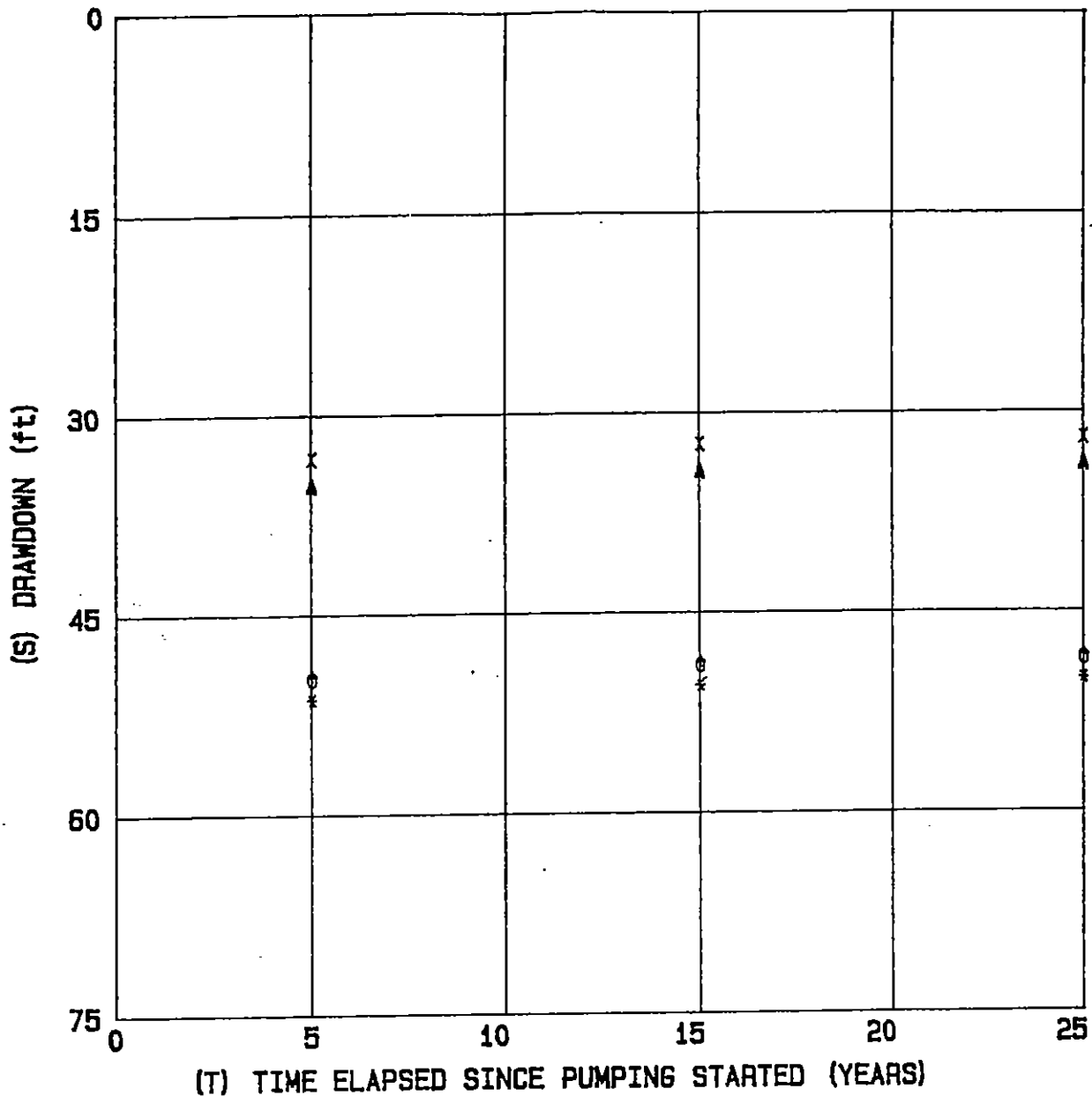
NOTE: PRIMED (') POINTS INDICATE WATER LEVEL HAS DROPPED BELOW BOTTOM OF AQUIFER

PROJECT:
FILE:
LOCATION:

DRAWDOWN GRAPH

LANE COUNTY MANAGEMENT

FIGURE 1.



SYMBOL	X-COORDINATE	Y-COORDINATE
*	50	50
O	40	40
X	60	60
+	60	40
A	40	60

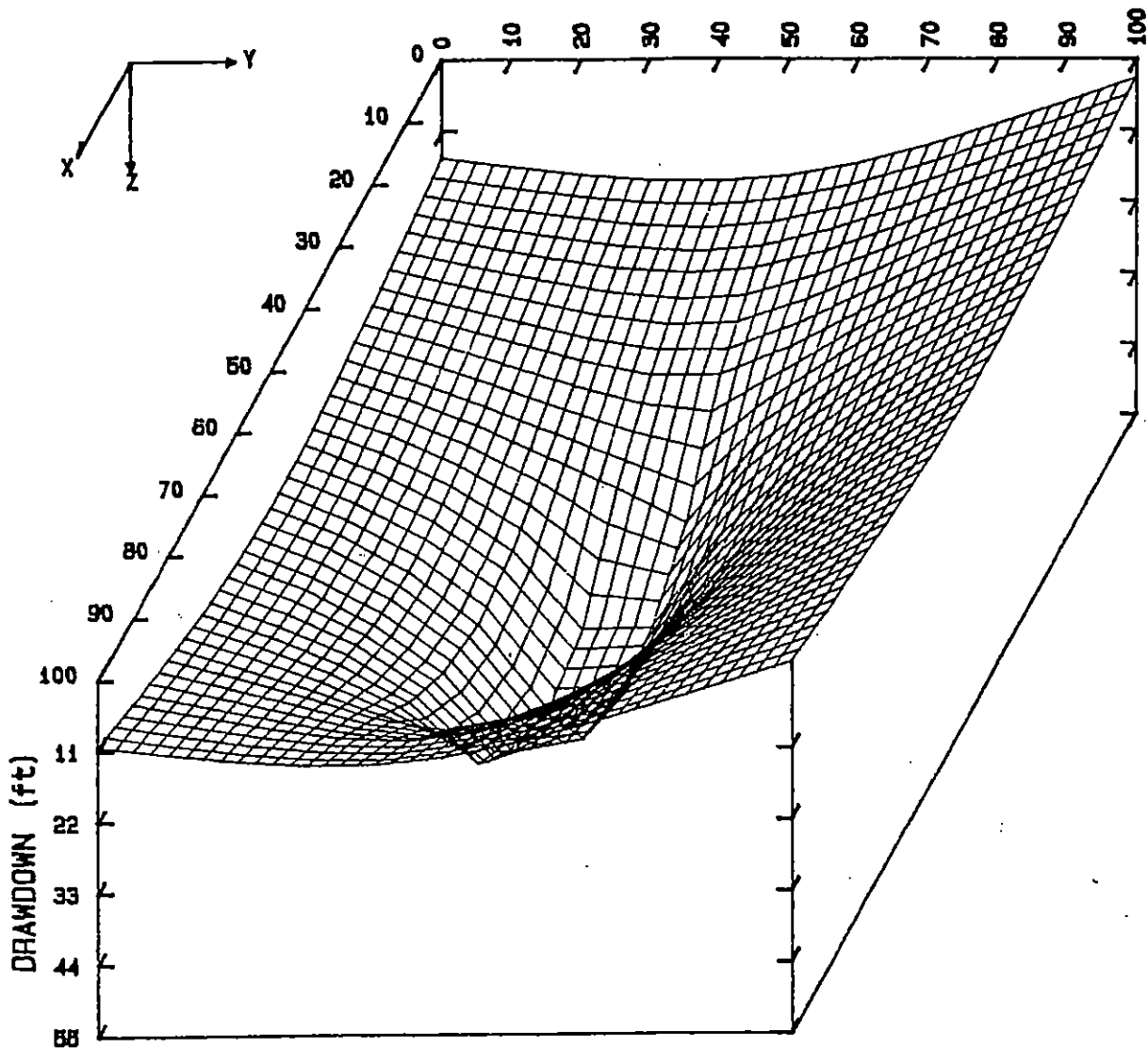
NOTE: PRIMED (*) POINTS INDICATE WATER LEVEL HAS DROPPED BELOW BOTTOM OF AQUIFER

PROJECT: CHET BOWERS
 FILE: 1
 LOCATION: SPENCER BUTTE

DRAWDOWN GRAPH

LANE COUNTY MANAGEMENT

FIGURE 1



GROUNDWATER LEVEL AFTER 5 YEARS OF PUMPING

NOTE: SCALE OF X AND Y AXES DIFFERS FROM THAT OF Z AXIS

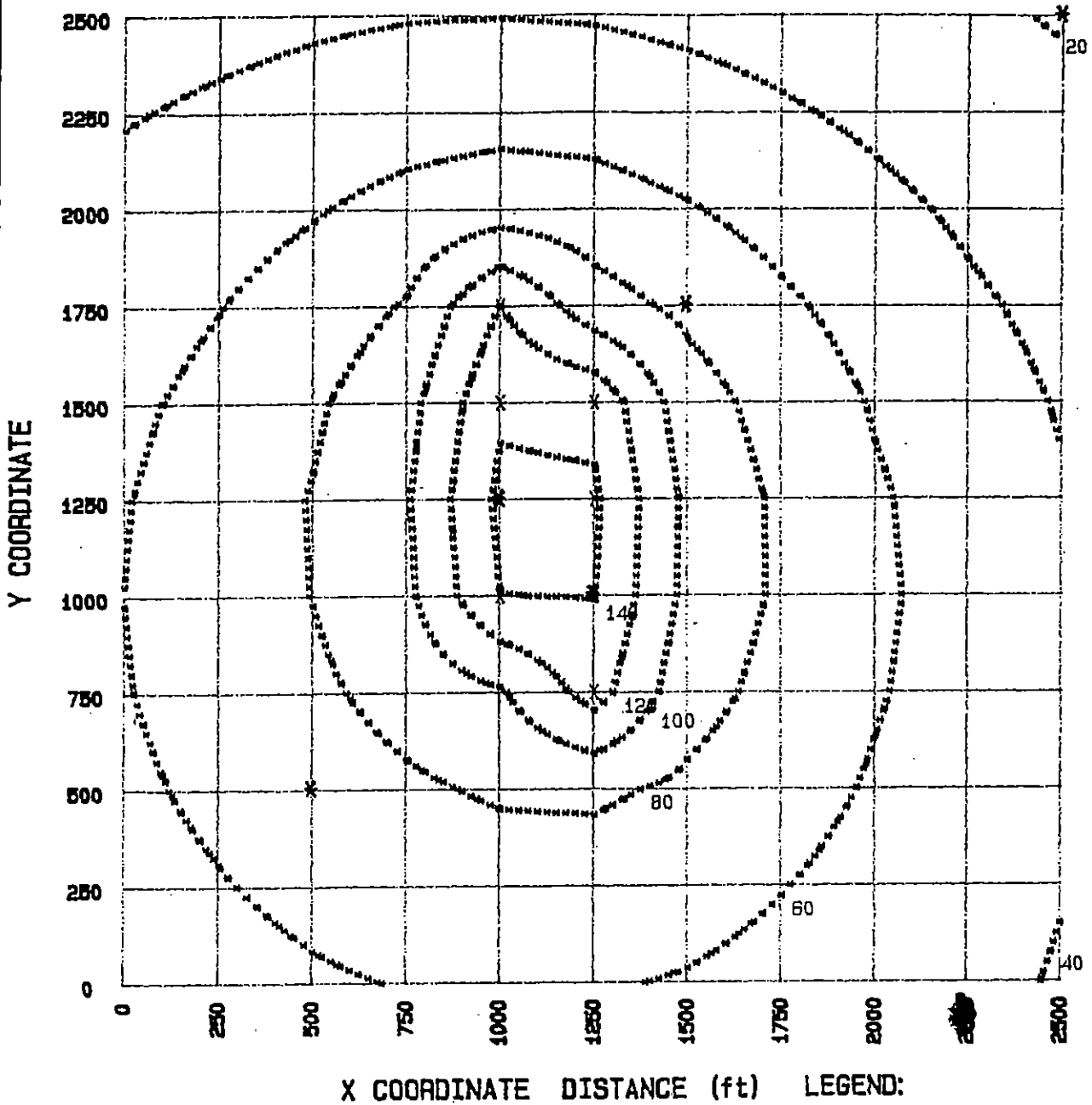
PROJECT: CHET BOWERS
 FILE: 1
 LOCATION: SPENCER BUTTE

GROUNDWATER LEVEL SHOWING
 EFFECTS OF PUMPING

LANE COUNTY MANAGEMENT

FIGURE 2

INTERPOLATED CONTOURS



1.56
WATER TABLE CONTOUR

LEGEND:

- * PRODUCTION WELL
- O OBSERVATION WELL
- x RECHARGE IMAGE WELL
- + BARRIER IMAGE WELL
- A OTHER
- * NODE SHOWN ON GRAPH

PROJECT: CHET BOWERS
 FILE: 1
 LOCATION: SPENCE BUTTE

WATER LEVEL CONTOURS
 AFTER 45 YEARS OF PUMPING

LANE COUNTY MANAGEMENT

FIGURE 3

CHESTER BOWERS PARTITION

ATTACHMENT 4 PG. 1

WELL LOGS MAP 18-03-19

NAME	GPM	DEPTH	DRAW/HR.
Grossman	35	128'	38'/1.5
Romania	50	175	173/1
Shoemaker	5	300	225/1
Valentine	5	200	140/1
Teague	4.5	300	261/1
Ruiter	5.5	430	260/4
Teague	5	360	322/1
Robbins	6	260	200/1
Modesitt	NONE	-	-
Teague	9.5	105	77/1
Pruett	9	155	112/1
Shoemaker	7	345	162/1
Ruiter	5.5	430	260/2
Robbins	5	225	166/1
Johnson	.5	315	55/1
Johnson	30	215	35/1
Johnson	20	120	20/2

BOWERS PARTITION

ATTACHMENT 4 Pg. 2

WELL LOGS MAP 18-03-30

NAME	GPM	DEPTH	DRAW / HR.
Hunter	18	300'	295/1
Jackson	6	173	173/1
Petit	3	230	180/1
Tupper	.5	725	645/1
Tupper	4	90	50/1
Seavey	4	330	290/1
King	8.5	180	160/1
Seubert	.5	450	450/1
King	6.5	150	136/1
Sheets	10	165	115/2
Carpenter	10	318	68/2
Minshall	.5	350	242/2
Henningsguard	6	305	190/4
Minshall	NONE	395	-
Moser	1	500	466/2
Seber	25	285	180/1
Jackson	8/hr.	300	-
Ward	.75	450	392/1
Steinmuller	7.5	110	100/1
Rankin	5	248	240/1
Mooney	15	165	101/1
Ball	6	128	128/1
Hisey	3	220	155/1
Jones	20	32	10/1
	2.5	175	50/1

BOWERS PARTITION

ATTACHMENT 4 Pg. 3

WELL LOGS MAP 18-03 -30

NAME	GPM	DEPTH	DRAW/HR.
Newell	20	60	45/1
Collins	5.5	105	45/1
Collins	2.5	360	110/1
Kinney	10	41	15/2
Holdrice	4	220	190/1
Zdrog	1	350	245/1
Ferguson	1	300	200/1
Petit	10	105	80/1
Olsrud	1.5	200	170/1
Morritt	8	80	63/1
Rodman	30	185	162/1
Ward	5	95	55/1
Carpenter	20	305	236/1
Rainey	1	345	26/1
Wood	3	425	150/1
Henningsguard	15	190	126/1
Mc Cornack	15	230	100/1
Ball	1.5	254	194/1
Andrews	60	305	46/1
King	15	124	67/1
Steinmuller	16	225	180/1
Marguess	11	260	200/1
Koch	15	95	65/1
Lewis	15	135	100/1
King	3	250	55/1

BOWERS PARTITION

ATTACHMENT 4 Pg. 4

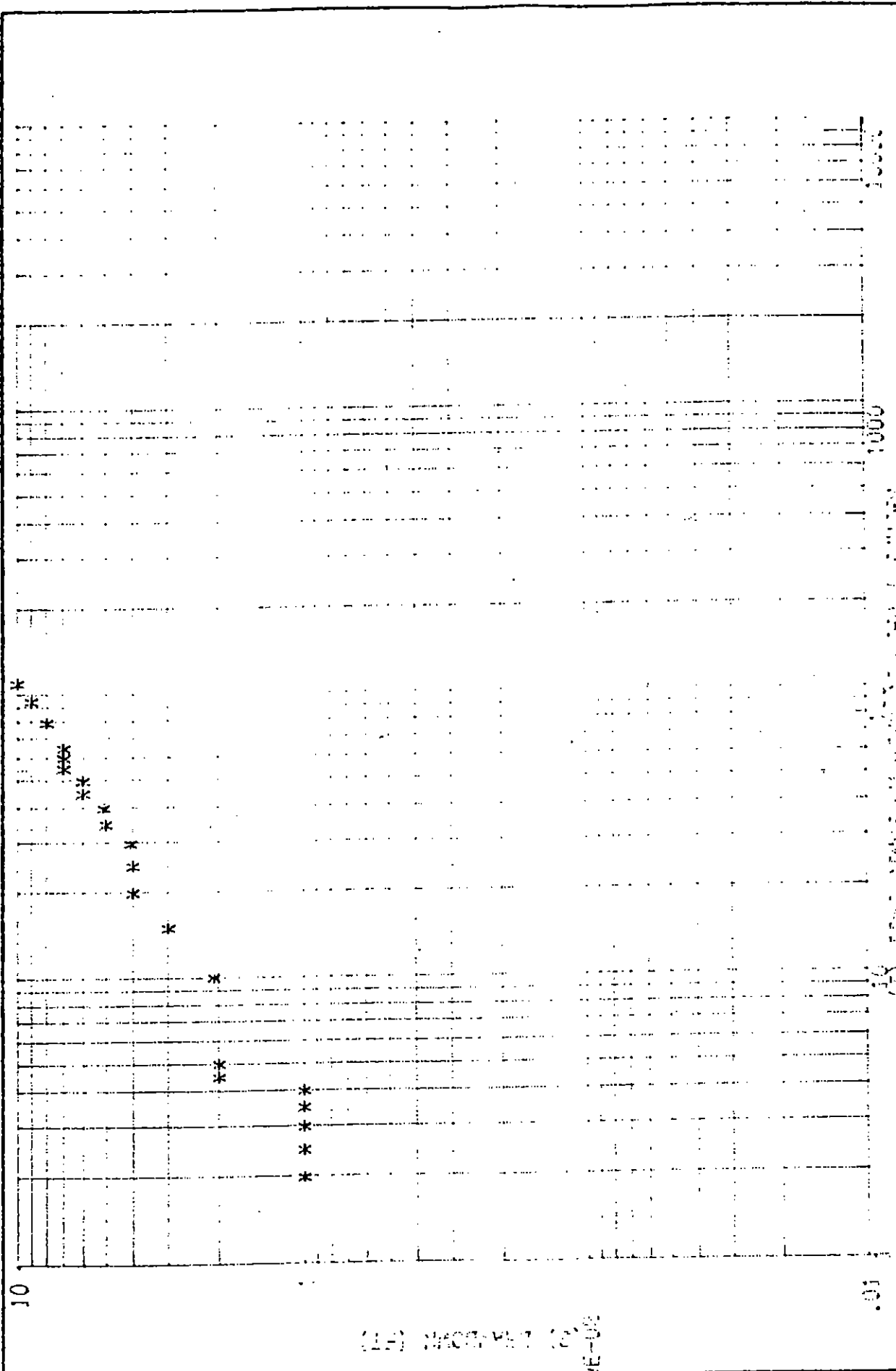
WELL LOGS MAP 18-03-30

NAME	GPM	DEPTH	DRAW/HR.
Flodeck	10	74'	60/1
JACKSON	1	300	100/8

SUMMARY OF WELLS, SECTIONS 19 AND 30

TOTAL 69 WELLS
RANGE 0-60 GPM
AVERAGE 9.6 GPM / WELL
MEDIAN 6 GPM

	<u>#</u>	<u>%</u>
DRY	2	3%
1-5 GPM	32	46%
6-10 GPM	16	23%
11+ GPM	19	28%
	<u>69</u>	<u>100%</u>



(11) 1803190001301

PROJECT LOCATION	BOWERS 1803190001301	FILE WELL No. 1	BOWERS	PUMPING TEST ANALYSIS TYPE CURVE SOLUTION
				FIGURE 2

Aug. 29

Ralph -

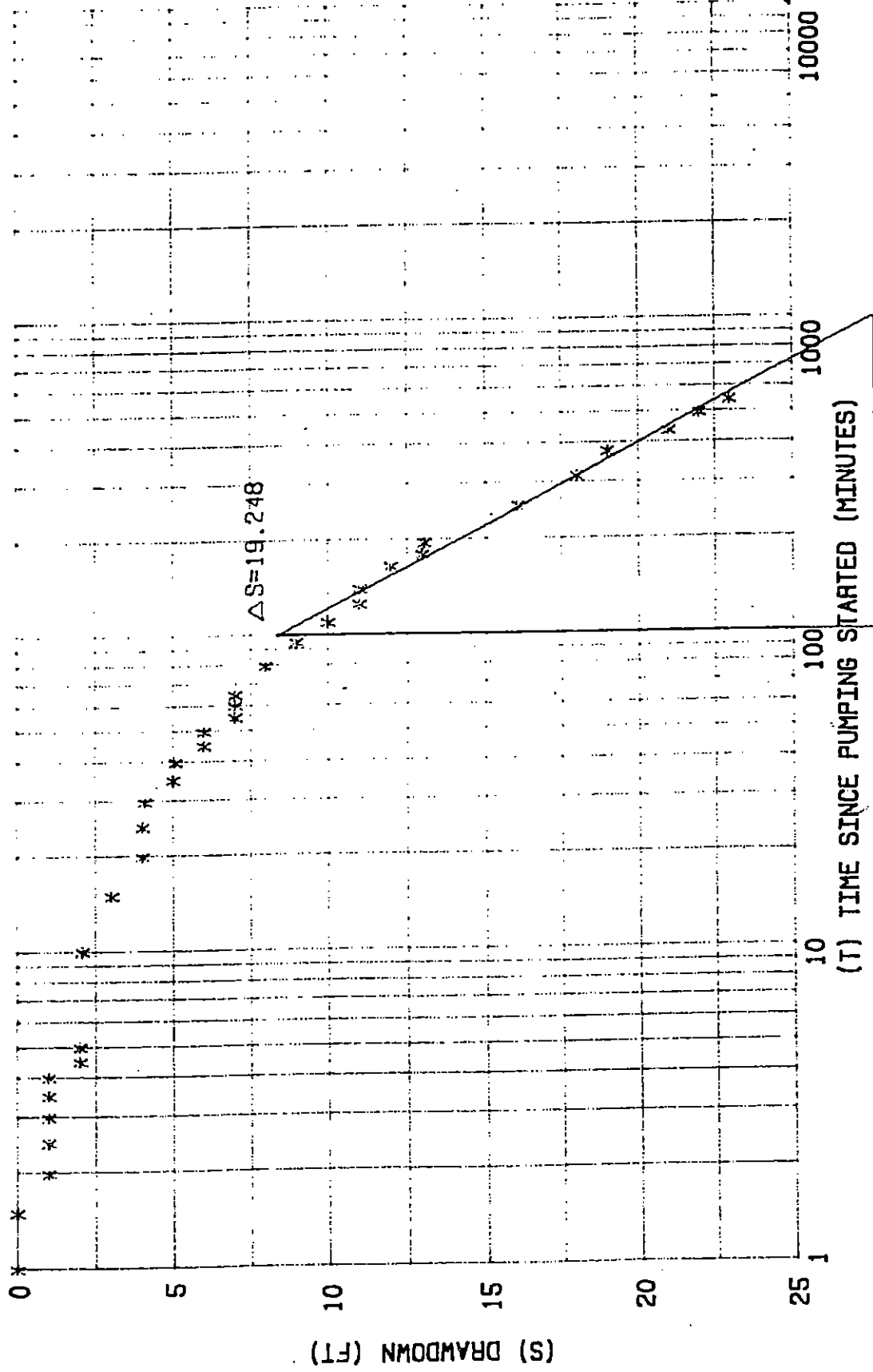
Here is the data on the well Test. I pumped until 8:00 p. m. and recorded the recovery until 1:00 A. m. I checked recovery again at 7:30 this morning.

I assume that this material can simply be added to the original application I submitted some months ago. If I have to fill out a new application please let me know at either 686-5064 (office) or 485-3462 (home).

Chet Brown

PUMPING TEST ANALYSIS

STRAIGHT LINE APPROXIMATION METHOD



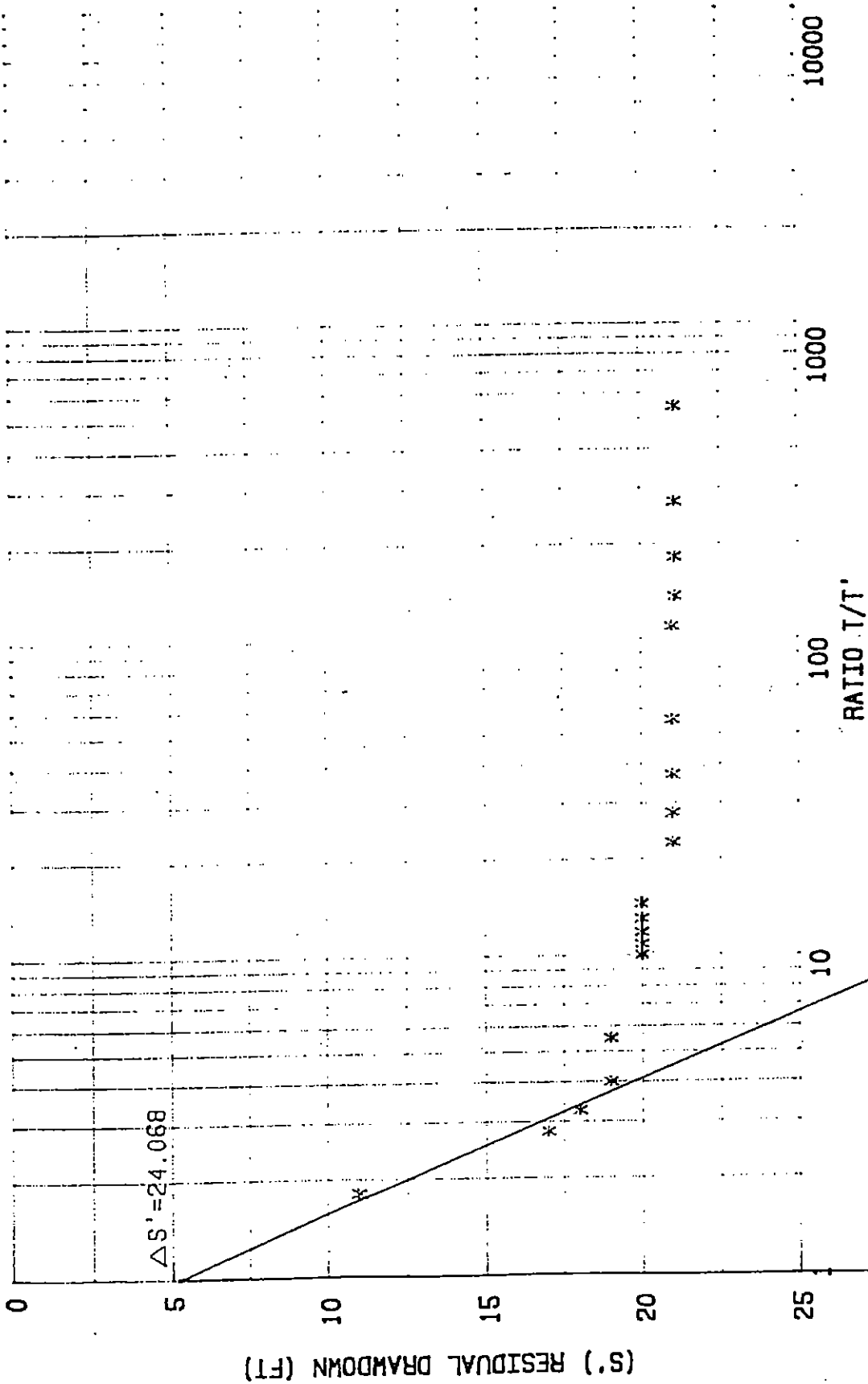
PROJECT: BOWERS
 FILE: BOWERS
 LOCATION: 1803190001301

WELL NO.: 1
 G= 5 USGPM
 S.W.L.= 61.2

ΔS= 19.248 FT
 T= 69 USGPD/FT
 S=

FIGURE 1

RECOVERY ANALYSIS



PROJECT: BOWERS
 FILE: BOWERS
 LOCATION: 1803190001301

WELL NO.: 1
 Q= 5 USGPM
 S.W.L.= 61.2

ΔS' = 24.068 FT
 T = 55 USGPD/FT
 S =

FIGURE 3

PUMP TEST - DRAWDOWN DATA

PROJECT: BOWERS
 LOCATION: 1803190001301
 DATUM POINT:
 PUMPING RATE: 5 USGPM
 AQUIFER THICKNESS: 100
 CONDITIONS: CONFINED

FILE NO.: BOWERS
 WELL NO.: 1
 ELEV. OF DATUM POINT: 1100
 STATIC WATER LEVEL: 61.2
 R = ----- FROM
 SCREEN INTERVAL: 30 TO 160

TIME			ELAPSED TIME	WATER LEVEL	DRAWDOWN
DY	HR	MM	t (MIN)	(ft)	s (ft)
28	11	5	0.00	61.000	0.000
28	11	6	0.50	61.000	0.000
28	11	6	1.00	61.000	0.000
28	11	7	1.50	61.000	0.000
28	11	7	2.00	62.000	1.000
28	11	8	2.50	62.000	1.000
28	11	8	3.00	62.000	1.000
28	11	9	3.50	62.000	1.000
28	11	9	4.00	62.000	1.000
28	11	10	4.50	63.000	2.000
28	11	10	5.00	63.000	2.000
28	11	15	10.00	63.083	2.083
28	11	20	15.00	64.000	3.000
28	11	25	20.00	65.000	4.000
28	11	30	25.00	65.000	4.000
28	11	35	30.00	65.083	4.083
28	11	40	35.00	66.000	5.000
28	11	45	40.00	66.083	5.083
28	11	50	45.00	67.000	6.000
28	11	55	50.00	67.000	6.000
28	12	0	55.00	68.000	7.000
28	12	5	60.00	68.000	7.000
28	12	10	65.00	68.000	7.000
28	12	25	80.00	69.000	8.000
28	12	40	95.00	70.000	9.000
28	12	55	110.00	71.000	10.000
28	13	10	125.00	72.000	11.000
28	13	25	140.00	72.000	11.000
28	13	50	165.00	73.000	12.000
28	14	5	180.00	74.000	13.000