CLAC 57153

CLAC
57153

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

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

WELL I.D. # L 33801
START CARD # ~~38419~~ 138419

(1) LAND OWNER Well Number _____
Name Oregon City School District
Address 1417 12th Street
City Oregon City State OR Zip 97045

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

(3) DRILL METHOD:
☐ Rotary Air ☒ Rotary Mud ☐ Cable ☐ Auger
☒ Other Reverse Circulation Rotary

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 1019 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
16	0	20	Bentonite	0	18	24 sacks
15	20	710	Cement	18	700	405 sacks
10	710	1022				

How was seal placed: Method ☒ A ☐ B ☐ C ☐ D ☐ E
☒ Other Bentonite Poured & Probed
Backfill placed from _____ ft. to _____ ft. Material _____
Pack ~~Gravel~~ placed from 648 ft. to 1000± ft. Size of gravel CSSI 10x20

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	10	+2	700	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:	6	648	1022	.250	☒	☐	☒	☐
	except @ screens				☐	☐	☐	☐

Drive Shoe used ☐ Inside ☐ Outside ☒ None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____
☒ Screens Type V shape wire wrap Material 304 SS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
*	*	.030	Cont.	6	PS	☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
See Attached	Graphs		1 hr.

Temperature of water ~ 60°F 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 Clackamas Latitude _____ Longitude _____
Township 3S N or S Range 2E E or W. WM.
Section 9 NE 1/4 SE 1/4
Tax Lot 1300 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 19761 S. Beavercreek Rd. Oregon City, OR 97045

(10) STATIC WATER LEVEL:
323 ft. below land surface. Date 8-7-01
Artesian pressure _____ lb. per square inch Date _____

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

From	To	Estimated Flow Rate	SWL
See Screen Locations		See (8)	See (10)
below 700'			

RECEIVED
DEC 27 2001

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
See Attached Log			
*Screen Locations:			
	689	695	
	715	735	
	746	767	
	799	840	
	870	896	
	915	946	
	991	1002	
Clay Slough (cave back)	1000±	1022	

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WATER RESOURCES DEPT
SALEM, OREGON

WATER RESOURCES DEPT.
SALEM, OREGON

Date started 6-15-01 Completed 8-7-01

(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 1578
Signed _____ Date 8-24-01

(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 649
Signed _____ Date 8-24-01

ORIGINAL – WATER RESOURCES DEPARTMENT FIRST COPY – CONSTRUCTOR SECOND COPY – CUSTOMER

Oregon City School District--Moss Campus Well(s)

by Schneider Drilling Co.

Start Card # 38419 Label # 33801

FM	TO	DESCRIPTION
0	2	Top Soil
2	17	Clay, brown, med-soft, gravel
17	20	Clay, grey, brown, soft, sandy, gravel
20	31	Rock, grey, medium
31	38	Clay, brown, medium
38	55	Claystone, brown, medium
55	57	Sand, brown, medium, cemented
57	61	Claystone, brown, medium
61	65	Clay, grey, soft, sandy
65	73	Sand, brown, coarse, cemented
73	80	Sand, green, coarse, cemented
80	85	Clay, brown, soft, silty
85	165	Clay, grey, soft, silty
165	173	Clay, blue, soft, claystone
173	230	Clay, blue-green, medium-soft, claystone
230	234	Claystone, blue-green, medium, sandy
234	241	Clay, grey, soft
241	251	Clay, blue, soft & some claystone
251	266	Clay, grey, soft
266	306	Clay, blue-grey, soft
306	406	Clay, blue, soft
406	416	Clay, grey, soft
416	428	Clay, grey, soft, sandy
428	432	Gravel, pea & sand, coarse w/wood & clay
432	470	Clay, grey, soft
470	550	Clay, blue & grey, soft
550	570	Clay, grey & blue, claystone, grey, soft
570	600	Clay & claystone, grey & blue, soft-medium
600	610	Clay & claystone, grey & blue w/ gravel, small
610	670	Clay, grey, & blue, soft
670	700	Clay, blue & grey, soft, silty
700	710	Clay & claystone, blue & grey, soft, silty
710	716	Clay & claystone, blue-grey, soft
716	721	Sand, black, fine, cemented medium
721	724	Clay, grey, silty, sandy, soft

724	731	Clay, blue-green, silty, medium-hard
731	734	Clay, blue-green, hard
734	735	Clay, grey, sandy, medium
735	737	Sand, black, medium, cemented hard
737	739	Sand, grey-brown, medium, cemented hard & some wood
739	740	Clay, grey, silty, medium-hard
740	748	Clay, brown, sandy, medium
748	750	Sand, black, medium, cemented
750	751	Clay, brown, sandy
751	757	Sand, black, medium & gravel, pea w/clay, grey-brown, sandy
757	759	Clay, blue-grey, sandy, medium
759	764	Sand & gravel ,grey, cemented w/ some clay, grey-brown
764	768	Clay, grey-brown, sandy w/ gravel, pea
768	772	Clay, brown, medium, silty
772	774	Clay, blue-green, medium
774	776	Clay, grey, medium, silty
776	778	Clay, brown, medium, silty
778	782	Clay, grey, medium, silty
782	784	Sand, brown, cemented w/ wood
784	787	Clay, brown, medium, silty/sandy
787	788	Sand, black, medium, cemented
788	790	Clay, brown, medium, sand-silty w/layers of sand, cemented, med
790	793	Clay, grey, medium
793	795	Clay, blue-grey, sandy, medium
795	797	Clay, grey, sandy, w/ layered sand, cemented
797	798	Clay, brown, medium, silty
798	799	Clay, grey, fine, sandy-silty w/ layered sand, cemented, hard
799	800	Clay, brown, silty, medium
800	801	Sandy, grey, cemented
801	806	Clay, grey, medium, silty
806	808	Clay, brown, medium
808	815	Clay, grey-brown, hard, sandy w/ layered sand, cemented
815	818	Sand, grey, cemented & clay, grey, medium, sandy
818	820	Clay, grey, medium, sandy w/ gravel, pea
820	821	Clay, blue-grey, fine, sandy
821	823	Clay, brown, medium w/ wood
823	825	Clay, brown, medium & hard
825	826	Clay, grey, sandy w/ sand, grey, cemented, hard & some gravel, p
826	827	Wood
827	828	Sand, grey, medium, cemented, hard w/ clay, white-tan & wood

828	830	Clay, grey, soft to hard, silty
830	834	Clay, brown, medium w/hard, silty & some wood
834	835	Clay, grey, medium to soft
835	836	Wood w/ clay, brown, medium
836	841	Clay, brown, sandy, hard & soft
841	842	Clay, tan, hard
842	850	Clay, grey, medium-soft, silty w/claystone, grey
850	861	Clay, blue-green, medium-hard, silty
861	863	Clay, grey, medium-hard
863	866	Clay, brown, medium
866	871	Clay, blue-grey, medium, silty
871	874	Sandy, grey, cemented w/clay, grey & some gravel, pea
874	880	Clay, brown, medium, silty w/layers of sand, fine, cemented, hard
880	890	Clay, brown-grey, med., silty w/ some gravel, pea & sand, cement
890	894	Sand, medium, cemented, hard & gravel, pea
894	895	Sand, medium, cemented, hard & gravel, pea w/ clay, brown, sand
895	896	Clay, grey, medium
896	899	Clay, grey, medium, sandy w/ layers of sand, grey, cemented
899	916	Clay, blue-grey, medium-hard
916	928	Clay, green-grey, sandy, hard-soft
928	932	Clay, brown, medium, silty
932	952	Clay, grey, sandy, layers, hard-soft w/wood
952	958	Clay, blue-green, medium-hard
958	959	Clay, green, medium-hard, silty
959	961	Clay, grey, medium, silty
961	967	Clay, grey-green, medium, silty
967	968	Clay, blue-grey, hard
968	969	Clay, green, sandy, fine
969	970	Clay, brown, medium
970	973	Clay, grey, medium
973	974	Clay, blue-grey, medium
974	982	Clay, grey & brown, medium
982	989	Clay, grey, medium
989	993	Clay, brown, silty
993	1000	Gravel, black, 2"-, some cementation like in volcanic rock
1000	1005	Clay, blue-grey, silty, soft & hard
1005	1011	Clay, brown, silty
1011	1016	Clay, grey, medium, silty
1016	1018	Clay, green & grey, medium, silty
1018	1022	Clay, brown, medium

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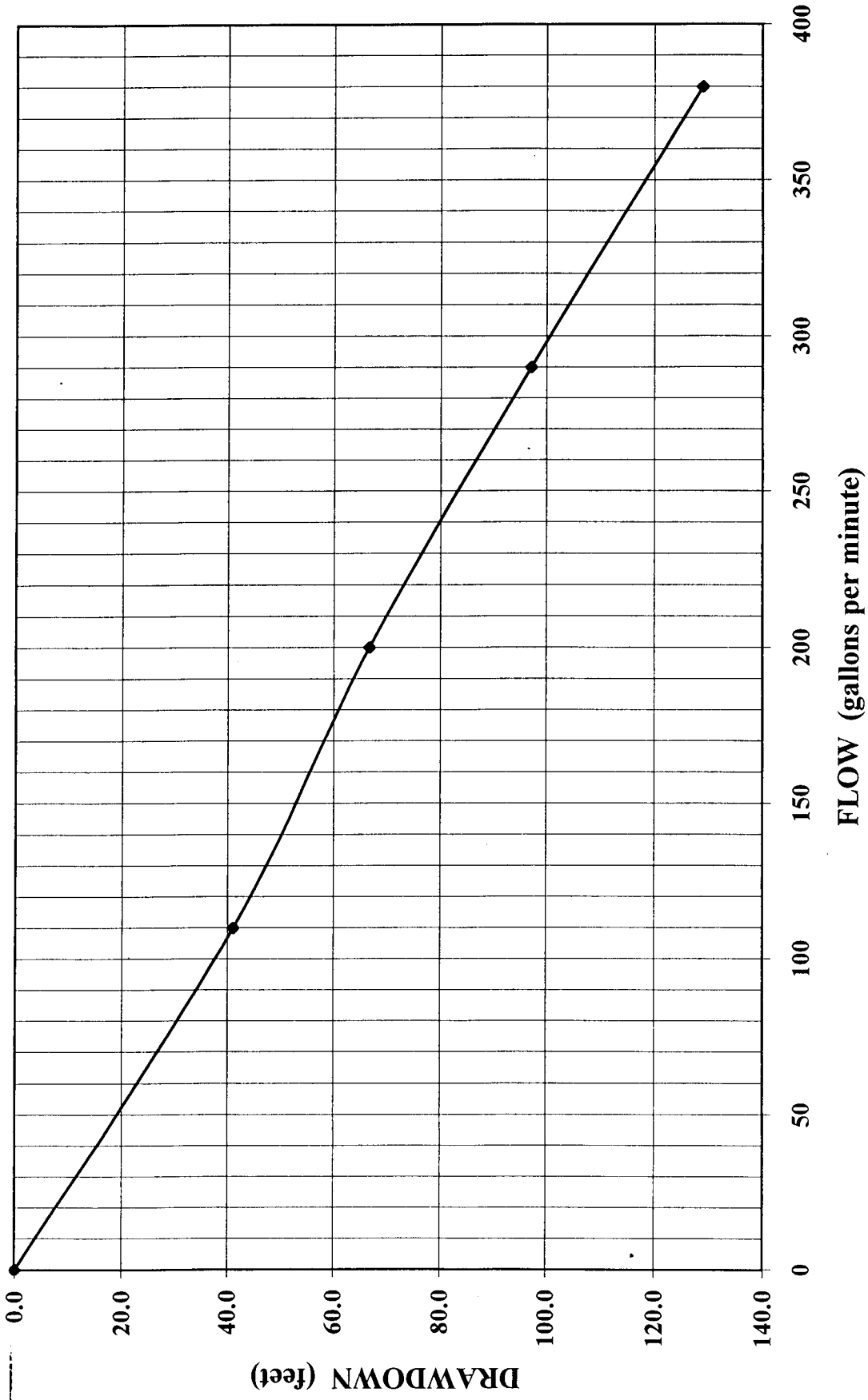
OREGON CITY SCHOOL DISTRICT MOSS CAMPUS WELL

Step Test - Drawdown after 2 hrs per step 8/1/01



Schneider Drilling Co.

test data & graphs step tst flow-dd

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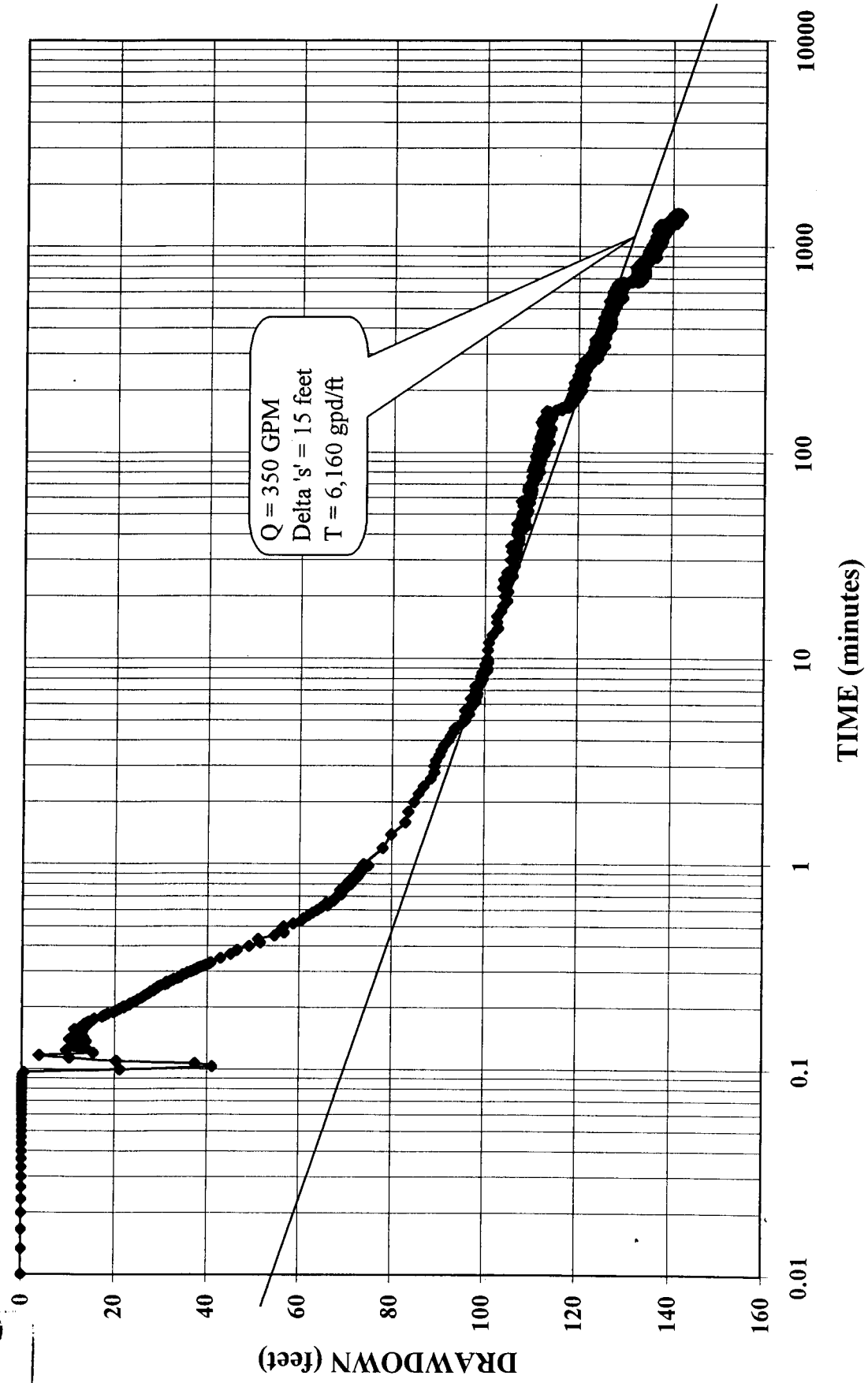
OREGON CITY SCHOOL DISTRICT MOSS CAMPUS WELL

Constant Rate Pumping Test Beginning 8/2/01



Schneider Drilling Co.

test data & graphs.xls CRgrph

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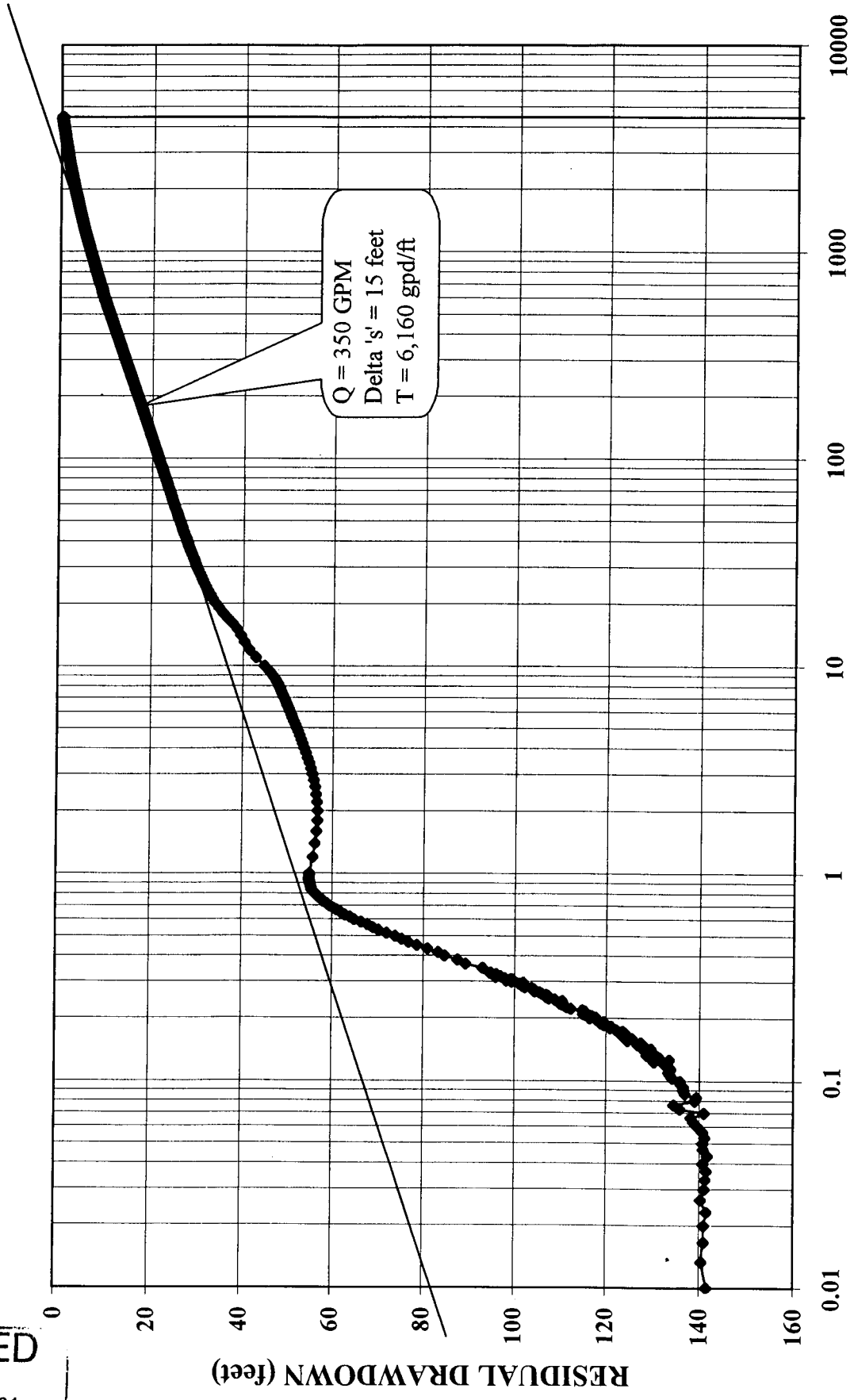
OREGON CITY SCHOOL DISTRICT MOSS CAMPUS WELL

Constant Rate Test Recovery Beginning 8/3/01



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test data & graphs CRrecgrph