

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

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MARI 8063
 MARI 75/3W-25d6
 Pg 1 of 2

PLEASE TYPE or PRINT IN INK
 WATER RESOURCES DEPT.

(for official use only)

SALEM, OREGON

(1) OWNER:

Name Oregon State Penitentiary
 Address 26050 State St. NE
 City Salem State 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 Air Driven
 Rotary Mud Dug
 Cable Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
 Thermal: Withdrawal Reinjection
 Other: Piezometric Grounding Test

(5) CASING INSTALLED:

Steel Plastic
 Threaded Welded
12" Diam. from 12 ft. to 208 ft. Gauge 250

LINER INSTALLED:

Steel Plastic
 Threaded Welded
 " Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? Yes No
 Size of perforations 3/8 in. by 2 1/2 in.
552 perforations from 60 ft. to 82 ft.
1392 perforations from 86 ft. to 143 ft.

(7) SCREENS:

Well screen installed? Yes No
 Manufacturer's Name Model No.
 Type 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? Stettler Supply
300 gal./min. with 76 ft. drawdown after 4 hrs.
275 " " 91 " " 2 "
 Air test gal./min. with drill stem at ft. hrs.
 Bailer test gal./min. with ft. drawdown after hrs.
 Artesian 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 23 ft.
 Diameter of well bore to bottom of seal 17 in.
 Diameter of well bore below seal 12 in.
 Amount of sealing material 27 sacks pounds
 How was cement grout placed? an air grout pump
 Was pump installed? NO Type HP Depth ft.
 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: ft.
 Gravel placed from ft. to ft.

(10) LOCATION OF WELL by legal description:

County Marion NW 1/4 SE 1/4 of Section 25 of
 Township 75 Range 3W WM.
 (Township is North or South) (Range is East or West)
 Tax Lot Lot Block Subdivision

MAILING ADDRESS OF WELL (or nearest address) Same as Section #1
Well #5

(11) WATER LEVEL OF COMPLETED WELL:

Depth at which water was first found 50 ft.
 Static level 36 ft. below land surface. Date 8/24/85
 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 12"
 Depth drilled 250 ft. Depth of completed well 210 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
Brown silty clay	0'	13'	
Brown clay	13'	23'	
Small - large gravel + brown sand	23'	37'	
Slightly cemented sand + gravel	37'	43'	
Sand + gravel - looser - water bearing	43'	74'	36'
Brown sand + gravel with some brown clay	74'	82'	
Brown clay	82'	86'	
Brown sand + gravel w/clay - lighter formation	86'	102'	43'
Sand + gravel w/clay - smaller gravels - looser	102'	125'	
Sub 11 - large gravel - loose mainly w/ some clay + broken gravels	125'	144'	43'

NEXT PAGE

Date work started AUGUST 1, '85 /completed OCT. 24, '85
 Date well drilling machine moved off of well OCT. 24 1985

(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] Date, 19

(bonded) Water Well Constructor Certification:

Bond 94-97-460 Issued by: MARYLAND FIDELITY & DEPOSIT
 (number) (Surety Company Name)
 On behalf of MIKE WALDROOP WELL DRILLING
 (type or print name of Water Well Constructor)

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

(Signed) Michael Waldroop
 (Water Well Constructor)
 (Dated) November 11, 1985

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

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 2

RECEIVED
 NOV 18 1995
 WATER RESOURCES DEPT.
 SALEM, OREGON

75/3W-2586

(for official use only)

(1) OWNER:
 Name Oregon State Penitentiary
 Address _____
 City _____ State _____

(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 Air Driven Domestic Industrial Municipal
 Rotary Mud Dug Thermal: Withdrawal ReInjection
 Other: Irrigation Piezometric Grounding Test

(5) CASING INSTALLED: Steel Plastic
 Threaded Welded
 _____" Diam. from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED: Steel Plastic
 Threaded Welded
 _____" Diam. from _____ ft. to _____ ft. Gauge _____

(6) PERFORATIONS: Perforated? Yes No
 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?

t:	gal./min. with	ft. drawdown after	hrs.
Air test	gal./min. with drill stem at	ft.	hrs.
Bailer test	gal./min. with	ft. drawdown after	hrs.
Artesian flow	g.p.m.		

 Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION: Special standards: Yes No
 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.
 Amount of sealing material _____ sacks pounds
 How was cement grout placed? _____

 Was pump installed? _____ Type _____ HP _____ Depth _____ ft.
 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 by legal description:
 County _____ ¼ _____ ¼ of Section _____ of
 Township _____, Range _____, WM. _____
 (Township is North or South) (Range is East or West)
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 MAILING ADDRESS OF WELL (or nearest address) _____
WELL #5

(11) WATER LEVEL of COMPLETED WELL:
 Depth at which water was first found _____ ft.
 Static level _____ ft. below land surface. Date _____
 Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing _____
 Depth drilled _____ ft. Depth of completed well _____ 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>WELL LOG - CONT'D</u>			
Reddish-brown clay w/ small sands + gravels	144'	163'	
Blue-gray clay w/ sand + gravel	163'	197'	
Brown clay w/ gravel	197'	202'	
Brown clay - dense w/ some gravel bits	202'	211'	
Brown sand + gravel w/ brown, weathered clay	211'	215'	
Brown clay w/ sand	215'	234'	
Tan clay - dense, bentonite-like w/ gravel chips	234'	240'	
Blue clay drills quickly	240'	250'	
The portion of the bore which is uncased was back-filled from 250'-240' with sand + small gravel.			

Date work started _____ /completed _____
 Date well drilling machine moved off of well _____ 19 _____

(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] _____ Date _____, 19 _____

(bonded) Water Well Constructor Certification:
 Bond _____ Issued by: _____ (Surety Company Name)
 On behalf of _____ (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:
 (Signed) _____ (Water Well Constructor)
 (Dated) _____