

18

RECEIVED

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

Wash 1215

NOV 15 1991

PAGE 1 11/30-12aa 36635 (START CARD) #

(1) OWNER: Well Number ARGO PRODUCTS CO. Name 17315 STUDEBAKER DR. Address CERRITOS State CA Zip 90701

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

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 370 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or pounds. Rows include Cem/Ge1, Drill/Ge1, and Cement.

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

Backfill placed from 320 ft. to 370 ft. Material Gravel placed from 1/4 x 3/8

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

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: [] Perforations Method [X] Screens Type wound wire Material Steel

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

(8) WELL TESTS: Minimum testing time is 1 hour. Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Includes checkboxes for Pump, Bailer, Air, Flowing Artesian.

Temperature of Water 56 F Depth Artesian Flow Found Was a water analysis done? [] Yes [] No 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 WASHINGTON Latitude Longitude Township IN N or S. Range 3W E or W, WM. Section 12 NE 1/4 NE 1/4 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address) 9560 NW Glencoe Rd Hillsboro, OR

(10) STATIC WATER LEVEL: 91 ft. below land surface. Date 11/08/91 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Row: 355, 369, 20 gpm, 91.

(12) WELL LOG: Ground elevation

Table for well log with columns: Material, From, To, SWL. Lists various soil types like Topsoil, Brown clay, Brown silty clay, etc.

Date started 10/19/91 Completed 11/08/91

(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. Signed Date WWC Number

(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 Date WWC Number 1266

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

Wash
1215

RECEIVED

NOV-15 1991 (START CARD) #

W 3W-12aa
 36635

(1) OWNER: Well Number _____
 Name ARCO PRODUCTS CO.
 Address 17315 STUDEBAKER DR.
 City CERRITOS State CA Zip 90701

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

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	

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

Backfill placed from _____ ft. to _____ ft. Material _____

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

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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"/>

Final location of shoe(s) _____

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

From	To	Slot size	Number	Diameter	Tele/pipe size	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

Yield gal/min	Drawdown	Drill stem at	Time
			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: _____

(9) LOCATION OF WELL by legal description:
 County WASHINGTON Latitude _____ Longitude _____
 Township 1N N or S. Range 3W E or W. WM.
 Section 12 NE 1/4 NE 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 9560 NW Glencoe Rd
Hillsboro, OR

(10) STATIC WATER LEVEL:
91 ft. below land surface. Date 11/08/91
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 355

From	To	Estimated Flow Rate	SWL
355	369	20 gpm	91

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Med. to coarse black sand	355	369	91
Sticky gray clay	369	377	
Soft brown clay, some sand	377	383	
Soft dark gray clay	383	441	
Fine gray sand	441	454	
Soft dark gray clay	454	476	
Sticky blue-gray clay	476	488	
Soft sandy blue-gray clay	488	501	
Soft dark gray clay	501	572	
Wood & fine gray gravel	572	584	
Firm dark brown clay	584	611	
Wood w/trace gray clay	611	642	
Sticky red-brown clay	642	654	
Decomp gray basalt	654	697	
Decomp red-brown basalt	697	760	
Sticky red-brown clay	760	783	
Decomp brown basalt	783	830	
Firm lt. brown claystone	830	847	
Firm blue-gray claystone	847	1023	
Firm lt. gray sandy claystone	1023	1092	
Soft gray sandy claystone	1092	1275	

Date started 10/19/91 Completed 11/08/91

(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.

WVC 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.

WVC Number 1266
 Signed _____ Date 11/13/91

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

*Wash
1215*

RECORDED

PAGE 3
1W/3W-12a
 36635

NOV 15 1991

(START CARD) #

(1) OWNER: Well Number _____
 Name ARGO PRODUCTS CO.
 Address 17315 STUDEBAKER DR.
 City CERRITOS State CA Zip 90701

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

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	

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

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

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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"/>

Final location of shoe(s) _____

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

From	To	Slot size	Number	Diameter	Tele/pipe size	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 Bailor Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			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: _____

(9) LOCATION OF WELL by legal description:
 County WASHINGTON Latitude _____ Longitude _____
 Township 1N N or S. Range 3W E or W. WM. _____
 Section 12 NE 1/4 NE 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 9560 NW Glencoe Rd.
Hillsboro, OR

(10) STATIC WATER LEVEL:
91 ft. below land surface. Date 11/08/91
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 355

From	To	Estimated Flow Rate	SWL
355	369	20 gpm	91

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
ABANDONMENT OF LOWER HOLE			
Cement plug	9 sks	370	400
Bentonite slurry		400	500
Cement plug	6 sks	500	520
Bentonite slurry		520	620
Cement plug	6 sks	620	650
Bentonite slurry		650	750
Cement plug	6 sks	750	770
Bentonite slurry		770	880
Cement plug	6 sks	880	900
Bentonite slurry		900	1000
Cement plug	6 sks	1000	1020
Bentonite slurry		1020	1120
Cement plug	6 sks.	1120	1140
Bentonite slurry		1140	1240
Cement plug	8 sks	1240	1275

Date started 10/19/91 Completed 11/08/91

(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 1266
 Signed _____ Date 11/13/91