

NEVADA WATER

WHITE-DIVISION OF WATER RESOURCES
CANARY-CLIENT'S COPY
PINK-WELL DRILLER'S COPY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

OFFICE USE ONLY 108833

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

NOTICE OF INTENT NO. 10952

1. OWNER U.S. Geological Survey ADDRESS AT WELL LOCATION N/A
 MAILING ADDRESS 2730 N. Deer Run Rd. Carson City, NV 89701 N 39° 34' 22.3", W 116° 04' 24.6"
 2. LOCATION NE 1/4 NE 1/4 Sec 24 T 22 R 52 E Eureka (NAD 1983) County
 PERMIT NO. M/0-1939 Parcel No. 007-320-05 Subdivision Name N/A
 Issued by Water Resources

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock
 5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Angular pebble to gravel-sized limestone fragments and soil (sand material)		0	15	15
Angular to rounded, med. to fine gravel and sand (stream channel alluvium)		15	20	5
Sand w/ a little fine gravel		20	25	5
Sand. Very fine gravel at end of interval		25	40	15
Sand w/ fine gravel. Coarse gravel at end of interval		40	55	15
Sand w/ a little fine gravel	57'	55	60	5
Sand to med. gravel sand		60	65	5
Sand w/ a little fine gravel		65	67	2
Sand		67	72	5
Sand w/ some fine gravel		72	74	2
Sand w/ a little fine to med. gravel		74	80	6
		80	93	13

8. WELL CONSTRUCTION
 Depth Drilled 180.8 Feet Depth Cased 180.8 Feet
 HOLE DIAMETER (BIT SIZE)
 From To
8 1/2 Inches 0 Feet 140 Feet
5 7/8 Inches 140 Feet 180.8 Feet
 Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2 shallow		Sched 80	0	76.4-101.4
2 deep		Sched 80	0	155.8-180.

Perforations:
 Type perforation slotted
 Size perforation 0.22"
 From shallow 76.4 feet to 96.4 feet
 From deep 155.8 feet to 175.8 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout
 Depth of Seal 40'
 Placement Method: Pumped Poured
Native fill around shallow well screen
 Gravel Packed: Yes No Bentonite grout, 30% solids
Shallow 148-181 feet deep well
Deep 42.1 WATER LEVEL (shallow well)

9. Static water level 42.2 (deep well) feet below land surface
 Artesian flow N/A G.P.M. N/A P.S.I.
 Water temperature _____ °F Quality _____

Date started October 20 2007
 Date completed October 24 2007

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Very approx.	85:11	92	26
	70		

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Alan M. Preissler Contractor
 Address 2730 N. Deer Run Rd. Carson City, NV 89701
 Nevada contractor's license number issued by the State Contractor's Board N/A
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller EP-1892
 Signed Alan M. Preissler
 By driller performing actual drilling on site or contractor
 Date Nov. 20, 2007

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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. **10952**

1. OWNER U.S. Geological Survey ADDRESS AT WELL LOCATION.....
 MAILING ADDRESS 2730 N. DEER RUN RD.
CARSON CITY, NV 89701 N39.572934 W 116.072605 NAD83

2. LOCATION 1/4 1/4 Sec. T. N/S R. E. County.....
 PERMIT NO. M/O-1439 Issued by Water Resources Parcel No. Subdivision Name.....

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other.....

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other.....

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand		93	100	7
Sand w/ a little fine to med. gravel		100	105	5
Sand w/ more fine to med. gravel		100	105	5
Siltstone w/ lesser amounts of limestone		105	109	4
Limestone		109	120	11
Black mudstone		120	128	8
Limestone		129	129	<1
Siltstone		129	137	8
Limestone		137	137	<1
Limestone w/ siltstone interbeds		137	140	3
Siltstone, primarily limestone w/ much lesser siltstone		140	147	7
Interbedded limestone and siltstones		147	150	3
Limestone		150	156	6
		156	160	4
		160	180	20
				180

8. WELL CONSTRUCTION

Depth Drilled..... Feet Depth Cased..... Feet

HOLE DIAMETER (BIT SIZE)
 From To
 Inches..... Feet..... Feet
 Inches..... Feet..... Feet
 Inches..... Feet..... Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
 Type perforation.....
 Size perforation.....
 From..... feet to..... feet
 From..... feet to..... feet
 From..... feet to..... feet
 From..... feet to..... feet
 From..... feet to..... feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout

Depth of Seal.....
 Placement Method: Pumped
 Poured

Gravel Packed: Yes No
 From..... feet to..... feet

Date started October 20 1907
 Date completed October 24 1907

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>Very approx. 70</u>	<u>85:11:58</u>	<u>92 AON 1002</u>

9. WATER LEVEL

Static water level..... feet below land surface
 Artesian flow..... G.P.M. P.S.I.
 Water temperature..... °F Quality.....

10. DRILLER'S CERTIFICATION

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

Name..... Contractor
 Address..... Contractor

Nevada contractor's license number issued by the State, Contractor's Board.....
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller.....

Signed..... By driller performing actual drilling on site or contractor
 Date.....