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

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STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 93913
Permit No.
Basin 76

T
NOTICE OF INTENT NO. 51944

1. OWNER City of Fernley
MAILING ADDRESS PO Box 9
Fernley, NV 89408

ADDRESS AT WELL LOCATION Well #14 Logan Lane

2. LOCATION NE 1/4 SE 1/4 Sec. 11 T 20N N/S R 24E E Lyon County
PERMIT NO. 70290, 70291 (Issued by Water Resources) | 021-071-007 (Parcel No.) | Subdivision Name

3. WORK PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

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

5. WELL TYPE
[ ] Cable [ ] Rotary [X] RVC
[ ] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
sand		0	20	
clay		20	23	3
sand		23	29	6
clay		29	60	31
silt		60	70	10
clay		70	90	20
sand		90	115	25
sand & clay mixed		115	160	45
gray clay		160	180	20
gray sand		180	190	10
gray clay		190	200	10
sand & clay		200	230	30
clay		230	250	20
sand & clay mixed		250	420	170
sand & gravel		420	430	10
clay & sand mixed		430	475	45
gravel & cobbles		475	650	175
clay & gravel		650	680	30
gravel & cobbles		680	720	40
clay & gravel		720	735	15
gravel & cobbles		735	780	45
gravel & clay		780	815	35

Date started 4/19/04, 19__
Date completed 4/30/04, 19__

7. WELL TEST DATA
TEST METHOD: [ ] Bailer [X] Pump [ ] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
P/L 179.63	3000	85.78	72 hrs.

8. WELL CONSTRUCTION
Depth Drilled 815 Feet Depth Cased 800 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
30 Inches	0 Feet	100 Feet	
Inches	Feet	Feet	
Inches	Feet	Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14		.250	+2	300
14		.250	380	420
14		.250	430	570
14		.250	600	670
		.250	690	730
		.250	790	800

Perforations: 14" 14"
Type perforation stainless steel screen
Size perforation .080

From 300 feet to 380 feet
From 420 feet to 430 feet
From 570 feet to 600 feet
From 670 feet to 690 feet
From 730 feet to 790 feet

Surface Seal: [X] Yes [ ] No
Depth of Seal 100
Placement Method: [X] Pumped [ ] Poured
Seal Type: [ ] Neat Cement [X] Cement Grout [ ] Concrete Grout

Gravel Packed: [X] Yes [ ] No
From 0 feet to 815 feet

9. WATER LEVEL
Static water level 93.85 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature cool °F Quality good

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Humboldt Drilling & Pump Co., Inc. (Contractor)
Address 4675 W. Winnemucca Blvd (Contractor)
Winnemucca, Nevada 89445

Nevada contractor's license number issued by the State Contractor's Board 56797

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1713

Signed [signature]
By driller performing actual drilling on-site or contractor

Date 5/6/04

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04 JUN -1 PM 12:19
STATE ENGINEERS OFFICE