41.52122
115.88068 NAD83

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

OFFICE USE ONLY
Log No. 105114
Permit No.
Basin 044

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 61550

1. OWNER: CAL WORTHINGTON TRUST
MAILING ADDRESS: PX Ranch - HC 31 - Box 142
Elko, Nevada 89801

ADDRESS AT WELL LOCATION: Basin 44 - North Fork Area
Subdivision Name: County: Elko

2. LOCATION SE ¼ NW ¼ Sec 22 T 42N N/S R 54 E
PERMIT/WAIVER No. 75408 (Issued by Water Resources) Parcel No.

Latitude ~~41.52122~~ UTM E
Longitude ~~115.87992~~ N
☐ NAD 27 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition ☐ Deepen ☐ 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	Thickness
Top Soil		0	3	3
Cobbles, sand, gravel w/clay		3	25	22
Sand and gravel w/clay layers		25	101	76
Clay w/sand and gravel layers		101	114	13
Sand and gravel w/clay layers		114	127	13
Clay w/sand and gravel layers		127	144	17
Sand and gravel w/clay layers		144	205	61
Sand and gravel		205	245	40
Sand w/clay layers		245	265	20
Clay w/sand and gravel layers		265	285	20
Clay		285	295	10
Sand and gravel		295	310	15
Clay w/sand and gravel layers		310	405	95

N 41.521323
W 115.879957 NAD27

Date started: 12-Nov, 20 07
Date completed: 19-Nov., 20 07

9. WELL CONSTRUCTION
Depth Drilled 405 Feet Depth Cased 398 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36	Inches	0	Feet	25	Feet
24	Inches	25	Feet	405	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16"		.250	+2	398'

Perforations:
Type of perforation: Mill Slot
Size of perforation: 0.09
From 118 Dbl. Perf. feet to 158 feet
From 158 Quad. Perf. feet to 238 feet
From 238 Dbl. Perf. feet to 398 feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☒ Cement Grout 0 to 100 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 100' to 405' ☐ Pumped ☒ Poured
Type: 1/8 X 1/4 Gopher Rock
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 76.35 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cool °F
Quality: Good

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☒ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
PWL=168.65	100	98.3	2.5

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name (Contractor): HUMBOLDT DRILLING & PUMP COMPANY
Address (Contractor): 4975 W. Winnemucca Blvd.
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: 2158
Signed: Judi Leach, Office (By driller performing actual drilling on site or contractor)
Date: 12/12/2007

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY