

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

OFFICE USE ONLY
Log No. 107051
Permit No. _____
Basin 109
Drilling PJA
NOTICE OF INTENT NO. 621138
61597

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

1. OWNER ELW RANCHES, INC. ADDRESS AT WELL LOCATION _____
MAILING ADDRESS 92 E. Walker Road Rafter 7 Ranch
Yerington, Nevada 89447 Subdivision Name: _____ County: Lyon

2. LOCATION NW ¼ SE ¼ Sec 28 T 10N N/S R 27 E Latitude 38.69717 UTM E NAD 27
PERMIT/WAIVER No. 76940T Longitude 118.96897 N NAD 83/WGS 84

Issued by Water Resources Parcel No. _____

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Other ABANDONMENT

4. PROPOSED USE
 Domestic Irrigation Test Cable Rotary RVC
 Municipal/Industrial Monitor Stock Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand		0	2	2
Sand & gravel w/cobbles		2	47	45
Sand & gravel w/ clay layers		47	57	10
Sand & gravel w/cobbles		57	143	86
Sand & gravel w/clay layers		143	254	111
Clay and course sand layers		254	370	116
Course sand w/ d.g.		370	380	10
Small to medium sand		380	390	10
Sand w/ clay layers		390	442	52
Course sand w/ clay layers		442	458	16
Cemented sands / hard		458	501	43
Hard sand stone w/ basalt layers		501	516	15

ABANDONMENT:
After testing, the casing was pulled. Well was abandoned using 16% bentonite and neat cement.

*NSR 697253
W/ HB 967991 (NAD2)*

9. WELL CONSTRUCTION

Depth Drilled 516 Feet Depth Cased 440 Feet

HOLE DIAMETER (BIT SIZE)

	From	To		
<u>12 1/4</u> Inches	<u>0</u> Feet	<u>15</u> Feet		
<u>9 7/8</u> Inches	<u>15</u> Feet	<u>516</u> Feet		

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6 1/2</u>		<u>.188</u>	<u>+2</u>	<u>60</u>
<u>6 1/2</u>		<u>.188</u>	<u>60</u>	<u>440</u>

Perforations:

Type of perforation	Size of perforation	Mill Slot
	<u>60</u> feet to	<u>0.09</u> feet to
		<u>440</u> feet to

Annular Seal: Yes No

<input type="checkbox"/> Neat Cement	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack: Yes No to _____ Pumped Poured

Type: _____

Bentonite Chips: Yes No to _____ Pumped Poured

Type: _____

Date started: 4/30/08 _____ 20
Date completed: 5/3/08 _____ 20

7. Water Level

Static water level: 100 feet below land surface

Artesian Flow: NA 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=300	<u>200</u>	<u>200</u>	<u>4</u>

*STATE ENGINEERS OF NEVADA
2008 JUL 30 AM 11:08*

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 COMPANY Contractor

Address 4975 W. Winnemucca Blvd. Contractor

Winnemucca, Nevada 89445

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

Nevada driller's license number issued by the 2158
Division of Water Resources, the on-site driller

Signed Judi Leach, Office
By driller performing actual drilling on site or contractor

Date 7/11/2008