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

OFFICE USE ONLY
Log No. 107052
Permit No.
Basin 109

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. Drilling 62113 & P&A 61597

1. OWNER ELW RANCHES, INC.
MAILING ADDRESS 92 E. Walker Road
Yerington, Nevada 89447

ADDRESS AT WELL LOCATION Rafter 7 Ranch
Subdivision Name: County: Lyon

2. LOCATION NW ¼ SE ¼ Sec 28 T 10N N/S R 27 E
PERMIT/WAIVER No. 76940T (Issued by Water Resources) Parcel No.

Latitude 38.69717 Longitude 118.96897
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☒ Other ABANDONMENT

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
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.				
N38.697253				
W118.967991 NAD27				

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

9. WELL CONSTRUCTION
Depth Drilled 516 Feet Depth Cased 440 Feet

HOLE DIAMETER (BIT SIZE)

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

CASING SCHEDULE

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

Perforations:
Type of perforation Mill Slot
Size of perforation 0.09
From 60 feet to 440 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No to ☐ Pumped ☒ Poured
Type:
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

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	200	200	4

STATE ENGINEERS OFFICE
2008 JUL 30 AM 11:40
RECEIVED

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 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 7/11/2008

(Rev. 06-06)

USE ADDITIONAL SHEETS IF NECESSARY