STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 121323
Permit No. 23792
Basin 031

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. 71868

1. OWNER Delong Ranches
MAILING ADDRESS PO Box 335 Winnemucca, NV

ADDRESS AT WELL LOCATION Echart #2
Subdivision Name: County: Humboldt

2. LOCATION SW¼NW¼ Sec21T38N/ R32E
Latitude 41.11'09.81" UTM E ☐ NAD 27
Longitude 118.24'49.0" N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. 23792 (Issued by Water Resources) N/A (Parcel. No.)

3. WORK 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	1	1
Clay		1	25	24
Gravel w/clay	X	25	35	10
cobles	X	35	65	30
clay		65	84	19
cobles	X	84	90	6
Clay		90	95	5
Cobles/gravel	X	95	115	20
clay		115	125	10
rock & gravel	X	125	168	43
Clay		168	170	2
Rock	X	170	177	7
Cobbles & gravel	X	177	230	43
Rock		230	240	10
Cobles & Gravel	X	240	250	10
Rock		250	263	13
Gravel w/streamers clay	X	263	290	27
sand stone/clay		290	340	50
cobles & gravel	X	340	380	40
Rock		380	385	5

NAD 27
41.152988°N
118.412650°W

Date started: October 7, 20 14
Date completed: October 31, 20 14

7. Water Level
Static water level: 77 feet below land surface
Artesian Flow: N/A G.P.M. N/A 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)
1200		10

9. WELL CONSTRUCTION
Depth Drilled 385 Feet Depth Cased 385 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
32 Inches	0 Feet	50 Feet
23 Inches	50 Feet	385 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
26	85.60	.312	+18"	50
16	42.05	.250	+18"	496

Perforations:
Type of perforation Factory Cut
Size of perforation 3/32x4
From 85 feet to 385 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 0 to 50 ☐ Pumped ☒ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 0 to 385 ☐ Pumped ☒ Poured
Type:
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Fred Anderson Drilling, Inc. (CONTRACTOR)
Address 10760 S. Grass Valley Road (CONTRACTOR)
Winnemucca, NV 89445
Nevada contractor's license number issued by the State Contractor's Board 021467
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1375
Signed
By driller performing actual drilling on site or contractor
Date Nov 18, 2014

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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Replaces well log 33750