STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 117007
Permit No.
Basin 069

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. 70465

1. OWNER Cottonwood Futures, LLC
MAILING ADDRESS PO Box 72, Paradise Valley, NV

ADDRESS AT WELL LOCATION Well #3
Paradise Valley, NV
Subdivision Name: Paradise Valley
Lot D *County:* Humboldt

2. LOCATION SE¼NW¼ (NW) Sec12T41N/ R39E
PERMIT/WAIVER NO. N/A — *Issued by Water Resources*
04-475-04 — Parcel. No.

Latitude 41.45378 Longitude 117.53625
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

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
Clay		0	10	10
Sand		10	30	20
Clay		30	35	5
Sand		35	50	15
Clay		50	60	10
Course Sand	X	60	80	20
Clay		80	140	60
Course sand	X	140	180	40

NAD27
41.453883°N
117.535288°W

Date started: June 20, 20 13
Date completed: June 21, 20 13

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7. *Water Level*
Static water level: 80 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)
15		4

9. *WELL CONSTRUCTION*
Depth Drilled 180 Feet Depth Cased 180 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 1/4 Inches	0 Feet	180 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	10	.188	+18"	20
6.625	4.06	.316	20	180

Perforations:
Type of perforation Factory Cut
Size of perforation 050
From 140 feet to 180 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 50 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 50 to 180 ☐ 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* 2083
Signed
By driller performing actual drilling on site or contractor
Date July 10, 2013

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