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

OFFICE USE ONLY
Log No. 1185 85
Permit No. 82798T
Basin No. 153

**PRINT OR TYPE IN BLACK INK 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. 70171
WELL NAME (If applicable): N/A

1. OWNER/CLIENT NAME J & T Farms, LLC.
MAILING ADDRESS HC 62 Box, 62143 Eureka, NV 89316

DETAILED ADDRESS AT WELL LOCATION Diamond Valley
Subdivision Name: County: Eureka

2. PLS LOCATION SE ¼ NW ¼ 5 Sec 21 N/S 54 E
PERMIT/WAIVER NO. 82798 T (Issued by Water Resources) Current Parcel No.

Latitude 39* 43.028 N UTM E ☐ NAD 27
Longitude 115* 55.050 W UTM N ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☒ ~~Replacement: Original well log #~~ ~~72007~~
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☒ Irrigation ☐ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☐ Rotary ☒ RVC
☐ Air ☐ Mud ☐ Sonic
☐ Other

6. LITHOLOGIC LOG

| Material Encountered | Lost Circ. | Water Strata | From | To | Thickness |
|---|---|---|---|---|---|
| Sandy Clay | | | 0' | 5' | 5' |
| Sand and Gravel | | | 5' | 45' | 40' |
| Gray clay with Gravel | | | 45' | 106' | 61' |
| Gravel | | | 106' | 176' | 70' |
| Gray Clay | | | 176' | 196' | 20' |
| Sand and Brown Clay | | | 196' | 206' | 10' |
| Rounded Gravels | | | 206' | 300' | 94' |
| White broken Gravels | | | 300' | 366' | 66' |
| Brown Clay with Gravel | | | 366' | 460' | 94' |
| layers | | | | | |

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NAD 27
39.717206°N
115.916610°W

Date started: 18-May, 20 13
Date completed: 22-May, 20 13

9. WELL CONSTRUCTION
Depth Drilled: 460' Feet Depth Cased: 440' Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 36" | Inches | 0' | Feet | 50' | Feet |
| 24" | Inches | +2' | Feet | 460' | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 30" | | .250" | 0' | 50' |
| 16" | | .250" | +2' | 220' |
| 16" | | .312" | 220' | 440' |

PERFORATIONS:
Type of perforation: Mill Slot
Size of perforation: 0.090"
From 140' D.R. Feet To 220' Feet
From 220' T.R. Feet To 320' Feet
From 320' D.R. Feet To 440' Feet

ANNULAR MATERIALS
☒ Sanitary Seal 0' to 50'
☐ Neat Cement to ☒ Pumped ☐ Poured
☒ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ Bentonite Chips to ☐ Pumped ☐ Poured
☐ Bentonite Grout to ☐ Pumped ☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:
☒ Gravel Pack [ > 0.2 in. ] 0' to 460' ☐ Pumped ☒ Poured
☐ Sand Pack [ < 0.2 in. ] to ☐ Pumped ☐ Poured
☐ Other, explain: to ☐ Pumped ☐ Poured

7. WATER QUALITIES
Static water level: 135' Feet below land surface
Artesian Flow: No G.P.M. 0 P.S.I.
Water Temperature: Cool ° Fahrenheit
Water Quality: N/A

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

| | G.P.M. | Draw Down (Feet Below Static) | Recorded Time (Hours) |
|---|---|---|---|
| Constant | 700 | 65' | 9 Hours |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Hydro Resources-West, Inc. (Contractor)
Address 4975 W. Winnemucca Blvd. Winnemucca, NV 89445 (Contractor)
Nevada contractor's license number as issued by the State Contractor's Board: 56797
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): # 1713
Signed: Michelle Strother (By driller performing actual drilling on site or contractor)
Date: 11/25/13

(Rev. 06-1)
USE ADDITIONAL SHEETS IF NECESSARY