

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

OFFICE USE ONLY
Log No. 120616
Permit No. 83497T
Basin No. 031

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. 71634
WELL NAME (if applicable): _____

1. OWNER/CLIENT NAME JULIAN TOMERA RANCHES INC
MAILING ADDRESS HC 65, BOX 11
CARLIN, NV 89822

DETAILED ADDRESS AT WELL LOCATION 16 MILES SOUTH OF CARLIN
EAST SIDE OF SR 278 LOT 1, SEC 5
Subdivision Name: _____ County: EUREKA

2. PLS LOCATION NE 1/4 NE 1/4 5 Sec 30N N/S 52 E
PERMIT/WAIVER NO. 83497T 05-380-10
Issued by Water Resources Current Parcel No.

Latitude _____ UTM E 574146 NAD 27
Longitude _____ UTM N 4485173 NAD 83/WGS 84

3. WORKED PERFORMED
 New Well Deepen: Orig WL# _____
 Replacement: Original well log # _____
 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 |
| TOP SOIL | | | 0 | 2 |
| SAND w/ CLAY & GRAVEL | | | 2 | 7 |
| SHALE GRAVEL w/ SAND | | | 7 | 83 |
| CLAY | | | 83 | 110 |
| TAN CLAY & SAND | | X | 110 | 120 |
| GRAVEL | | | 120 | 125 |
| RED BROWN GRAVEL w/ CLAY | | X | 125 | 187 |
| COMPACTED GRAVEL | | | 187 | 195 |
| FINE REDISH BROWN GRAVEL | | X | 195 | 213 |
| CLAY | | | 213 | 270 |
| FINE GRAVEL w/ (less CLAY) | | | 270 | 300 |
| REDISH BROWN GRAVEL w/ (more CLAY) | | X | 300 | 340 |
| COMPACTED GRAVEL | | | 340 | 365 |
| TAN CLAY & GRAVEL | | X | 365 | 410 |
| THICK GREY BLUE CLAY | | | 410 | 460 |
| GREY CLAY w/ GRAVEL | | X | 460 | 465 |
| THICK GREY BLUE CLAY | | | 465 | 480 |
| 3" GRAVEL FILL TUBE | | | | |
| INSTALLED GROUND LEVEL | | <u>NAD 27</u> | | |
| TO 105' | | <u>40.915868</u> | | |
| | | <u>116.124777</u> | | |
| 2' ACCESS PORT INSTALLED | | | | |
| AT TOP OF WELL | | | | |

9. INSTRUCTION
Depth Drilled: 480 Feet Depth Cased: 478 Feet

| HOLE DIAMETER (BIT SIZE) | | | |
|--------------------------|------------------|---------------|-----------------|
| | From | To | |
| | <u>22</u> Inches | <u>0</u> Feet | <u>480</u> Feet |
| | | | |
| | | | |

| CASING SCHEDULE | | | | |
|--------------------|---------------------|-------------------------|-------------|------------|
| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
| <u>14</u> | <u>54.62</u> | <u>.375</u> | <u>+2</u> | <u>478</u> |
| | | | | |
| | | | | |

ANNULAR MATERIALS
Sanitary Seal Yes No

| | | |
|--|--|--|
| <input checked="" type="checkbox"/> Neat Cement <u>0</u> to <u>100</u> | <input checked="" 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"/> Bentonite Chips _____ to _____ | <input type="checkbox"/> Pumped | <input type="checkbox"/> Poured |
| <input checked="" type="checkbox"/> Gravel Pack [> 0.2 in.] <u>100</u> to <u>480</u> | <input type="checkbox"/> Pumped | <input checked="" type="checkbox"/> Poured |
| <input type="checkbox"/> Sand Pack [< 0.2 in.] _____ to _____ | <input type="checkbox"/> Pumped | <input type="checkbox"/> Poured |
| <input type="checkbox"/> Other, explain: _____ to _____ | <input type="checkbox"/> Pumped | <input type="checkbox"/> Poured |

Date started: 10-Jul 20 14
Date completed: 13-Aug 20 14

7. WATER QUALITIES
Static water level: 65 Feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: 68 ° Fahrenheit
Water Quality: GOOD

8. WELL TEST DATA

| Test Method: | <input type="checkbox"/> Bailor | <input type="checkbox"/> Pump | <input type="checkbox"/> Air Lift |
|--------------|---------------------------------|-------------------------------|-----------------------------------|
| | G.P.M. | Draw Down (Feet Below Static) | Recorded Time (Hours) |
| PUMP TEST | TO | FOLLOW | |
| | | | |
| | | | |

PERFORATIONS:
Type of perforation: MACHINE MILLED
Size of perforation: 1/8" X 2.5"

| | | |
|----------------------|--------------------------|-------------------|
| From <u>108</u> Feet | To <u>128</u> Feet | <u>SINGLE ROW</u> |
| From <u>148</u> Feet | To <u>168</u> Feet | <u>SINGLE ROW</u> |
| From <u>168</u> Feet | To <u>208</u> Feet | <u>DOUBLE ROW</u> |
| From <u>208</u> Feet | To <u>228</u> Feet | <u>SINGLE ROW</u> |
| From _____ Feet | To <u>CONTINUED</u> Feet | |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name HACKWORTH DRILLING INC. Contractor
Address P.O. BOX 850, ELKO, NV 89803 Contractor
Nevada contractor's license number as issued by the State Contractor's Board: 20582
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): _____
Signed: [Signature]
Date: 8/26/2014

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log# 120616

| PERFORATIONS: | | | | | |
|---------------------------------|-----|------|----|----------------|------|
| Type of perforat MACHINE MILLED | | | | | |
| Size of perforati 1/8" X 2.5" | | | | | |
| From | 228 | Feet | To | 248 DOUBLE ROW | Feet |
| From | 248 | Feet | To | 328 SINGLE ROW | Feet |
| From | 368 | Feet | To | 388 SINGLE ROW | Feet |
| From | 388 | Feet | To | 428 DOUBLE ROW | Feet |
| From | 448 | Feet | To | 468 DOUBLE ROW | Feet |

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