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

OFFICE USE ONLY
Log No. 116226
Permit No.
Basin No. 212

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. 36964
WELL NAME (if applicable): PAS-9

1. OWNER/CLIENT NAME Nick Walden Zimmerman IV
MAILING ADDRESS 1354 Rossini Circle
Henderson, NV 89052

DETAILED ADDRESS AT WELL LOCATION 5080 Paradise Rd
Las Vegas, NV
Subdivision Name: County: Clark

2. PLS LOCATION SE ¼ NW ¼ 27 Sec 21 N (S) 61 E
PERMIT/WAIVER NO. 16227101007
Issued by Water Resources Current Parcel No.

Latitude UTM E ☐ NAD 27
Longitude 36.09722 UTM N 115.1484 ☒ 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 | Thickness |
|---|---|---|---|---|---|
| Asphalt | | | 0 | 1 | 1 |
| lght brn gm sand grvl | | | 1 | 1.5 | 1 |
| brn prly grtd sand sly grvl | | | 1.5 | 5.5 | 4 |
| Caliche | | | 5.5 | 16 | 11 |
| brn sndy clay grvl | | | 16 | 20 | 4 |
| gry snd trce grvl moist | | | 20 | 26 | 6 |
| rdsh brn sly cly grvl moist | | | 26 | 35 | 9 |
| rdsh brn sly brn sly cly sn | | | 35 | 40 | 5 |
| decreas in moister | | | 40 | 52 | 12 |
| brn silty clay dry | | | | | |

DCNR/DWR
RECEIVED
DEC 06 2012
LAS VEGAS OFFICE

Date started: 29 ~~28~~ Oct, 20 12
Date completed: 29 ~~28~~ Oct, 20 12

9. WELL CONSTRUCTION
Depth Drilled: 52 Feet Depth Cased: 52 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 8.25 | Inches | 0 | Feet | 52 | Feet |
| | Inches | | Feet | | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 2.375 | 0.68 | 0.154 | 0 | 52 |

PERFORATIONS
Type of perforation: Factory Slotted
Size of perforation: 0.02
From 48 Feet To 52 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

| | | | | |
|---|---|---|---|---|
| ☒ Sanitary Seal | 40 to 45 | | | |
| ☒ Neat Cement | 3' to 40 | | ☐ Pumped | ☐ Poured |
| ☐ Cement Grout | to | | ☒ Pumped | ☐ Poured |
| ☒ Concrete Grout | 0.5' to 3' | | ☐ Pumped | ☒ Poured |
| ☐ Bentonite Chips | to | | ☐ Pumped | ☐ Poured |
| ☐ Bentonite Grout | to | | ☐ Pumped | ☐ Poured |
| ☐ 15 % ☐ 20 % ☐ Other, explain: | | | | |
| ☒ Gravel Pack [ > 0.2 in. ] | 45' to 52' | | ☐ Pumped | ☒ Poured |
| ☐ Sand Pack [ < 0.2 in. ] | to | | ☐ Pumped | ☐ Poured |
| ☐ Other, explain: | to | | ☐ Pumped | ☐ Poured |

7. WATER QUALITIES
Static water level: 17' Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: ° Fahrenheit
Water Quality: Clear

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

| | G.P.M. | Draw Down (Feet Below Static) | Recorded Time (Hours) |
|---|---|---|---|
| Bailer | | 35 | 1.5 |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name National Exploration Wells & Pumps
Contractor
Address 5566 ArrowHighway, Montclair CA 91763
Contractor
Nevada contractor's license number as issued by the State Contractor's Board: 0075355
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 2111-T1
Signed: By driller performing actual drilling on site or contractor
Date: 11/29/2012

(Rev. 08-12) USE ADDITIONAL SHEETS IF NECESSARY

36.097248 - NAD 27
-115.147568