

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

OFFICE USE ONLY
Log No. 124438
Permit No. _____
Basin No. _____

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. 37917
WELL NAME (if applicable): HM-63

1. OWNER/CLIENT NAME Jason Reed / NV Energy
MAILING ADDRESS 6226 W. Sahara Ave. MS30
Las Vegas, NV 89146

DETAILED ADDRESS AT WELL LOCATION 501 Wally Kay Way
Moapa, NV 89025
Subdivision Name _____ County: Clark

2. PLS LOCATION NE 1/4 SW 1/4 5 Sec 15 N 6 E 66 E Latitude 36°39'27.07"N UTM E NAD 27
PERMIT/WAIVER NO. MO-3126 042-05-301-005 Longitude 114°37'56.26"W UTM N NAD 83/WGS 84
Issued by Water Resources Current Parcel No.

3. WORKED PERFORMED
 New Well Deepen: Orig WL# _____
 Replacement: Original well log # _____
 Recondition: Original well log # _____

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

5. WELL TYPE
 Auger Rotary RVC
 Air Mud Sonic
 Other

6. LITHOLOGIC LOG

| Material Encountered | Lost Circ. | Water Strata | From | To |
|---|------------|--------------|------|----|
| Air Knifed/No Recovery | | | 0 | 8 |
| Silty Fine Sand w/ gravel | | | 8 | 12 |
| Medium Sand w/ fine gravel | | ✓ | 12 | 21 |
| Fine to Medium grained sand with fine gravel/ wet, fine sandy lense | | | 21 | 24 |
| Clay/stiff/wet | | | 24 | 26 |
| Silty Fine sand / wet / Trace fine gravel | | | 26 | 31 |

9. INSTRUCTION

Depth Drilled: 31 Feet Depth Cased: 31 Feet

HOLE DIAMETER (BIT SIZE)

| Inches | From | To | Feet | Feet |
|--------------|----------|-----------|------|------|
| <u>10.25</u> | <u>0</u> | <u>31</u> | | |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-----------|
| <u>4.5</u> | <u>2.01</u> | <u>0.237</u> | <u>0</u> | <u>30</u> |

Date started: 13-Jan, 20 16
Date completed: 13-Jan, 20 16

7. WATER QUALITIES

Static water level: _____ Feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: _____ ° Fahrenheit
Water Quality: _____

8. WELL TEST DATA

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

ANNULAR MATERIALS

Sanitary Seal Yes No

| Material | From | To | Applied |
|---|----------|-----------|--|
| <input checked="" type="checkbox"/> Neat Cement | <u>0</u> | <u>6</u> | <input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured |
| <input type="checkbox"/> Cement Grout | | | <input type="checkbox"/> Pumped <input type="checkbox"/> Poured |
| <input type="checkbox"/> Concrete Grout | | | <input type="checkbox"/> Pumped <input type="checkbox"/> Poured |
| <input checked="" type="checkbox"/> Bentonite Chips | <u>6</u> | <u>8</u> | <input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured |
| <input type="checkbox"/> Gravel Pack [> 0.2 in.] | | | <input type="checkbox"/> Pumped <input type="checkbox"/> Poured |
| <input checked="" type="checkbox"/> Sand Pack [< 0.2 in.] | <u>8</u> | <u>31</u> | <input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured |
| <input type="checkbox"/> Other, explain: _____ | | | <input type="checkbox"/> Pumped <input type="checkbox"/> Poured |

PERFORATIONS:

Type of perforation: Factory
Size of perforation: .020

| From | To | Feet | Feet |
|-----------|-----------|------|------|
| <u>10</u> | <u>30</u> | | |

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision. This report is true to the best of my knowledge.

Name National Ewp Contractor
Address 4221 W. Oquendo Rd. Las Vegas, NV 89118 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): 2526

Signed: 
Date: 2/8/2016

36,6575/94 NAD
-114,632294 27