

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

OFFICE USE ONLY
Log No. 122971
Permit No. 58032
Basin No. 215

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. 38432
WELL NAME (if applicable): EBM-6

1. OWNER/CLIENT NAME Nevada Cogeneration Ass #14 #4
MAILING ADDRESS 420 N. Nellis Blvd. #A3-400
Las Vegas NV. 89110

DETAILED ADDRESS AT WELL LOCATION Parcel 122-13-000-001
Subdivision Name: _____ County: Clark

2. PLS LOCATION NE 1/4 SE 1/4 13 Sec 19 N 63 E
PERMIT/WAIVER NO. 58032 122-13-000-001
R-1687 Issued by Water Resources Current Parcel No.

Latitude 36.295550 N UTM E NAD 27
Longitude 114.886770 W UTM N NAD 83/WGS 84

3. WORKED PERFORMED
 New Well Deepen: Orig WL# _____
 Replacement: Original well log # 37988
 Recondition: Original well log # EBM-4

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	Thick-ness
Tan silt sand & gravel			0	12	12
Partially cemented conglomerate			12	38	26
Muddy Spring Conglomerate			38	106	68
Fractured muddy Spring Conglomerate	✓		38	106	68
Muddy creek Conglomerate			118	255	137
Gray Carbonates			255	570	315
With small fractures filled with red gray or green clay					
interbedded green red and brown sandstones with gray carbonates and some fractures					
Fractured Gray Carbonates	yes		819	1340	521
Fractured dark gray to black Carbonates with fractures	yes		1340	1401	61
		DCNR/DWR/SNBO RECEIVED			
		JUN 29 2015			

9. WELL CONSTRUCTION			
Depth Drilled:	Feet	Depth Cased:	Feet
<u>1401</u>		<u>999.5</u>	
HOLE DIAMETER (BIT SIZE)			
	From	To	
<u>42</u>	Inches	<u>0</u>	Feet <u>38</u> Feet
<u>28</u>	Inches	<u>38</u>	Feet <u>266</u> Feet
<u>20</u>	Inches	<u>266</u>	Feet <u>1401</u> Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>32</u>		<u>.375</u>	<u>0</u>	<u>38</u>
<u>22</u>		<u>.375</u>	<u>38</u>	<u>266</u>
<u>14</u>		<u>.250</u>	<u>266</u>	<u>999.5</u>

PERFORATIONS:
Type of perforation: Rescoe Moss louvers
Size of perforation: .250
From 811.5 Feet To 999.5 Feet

ANNULAR MATERIALS
 Sanitary Seal _____ to _____
 Neat Cement 0 to 38 Pumped Poured
 Cement Grout 4 to 266 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.] _____ to _____ Pumped Poured
 Sand Pack [< 0.2 in.] _____ to _____ Pumped Poured
 Other, explain: _____ to _____ Pumped Poured

7. WATER QUALITIES
Static water level: 595 Feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: 89 ° Fahrenheit
Water Quality: _____

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Layne Christensen Company Contractor
Address 12030 E. Riggs Rd. Chandler AZ 85249 Contractor

8. WELL TEST DATA			
Test Method:	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
<input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Air Lift	<u>1075</u>	<u>210</u>	<u>24</u>

Nevada contractor's license number as issued by the State Contractor's Board: G-23 0019101
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 1970 Wilburn L. Franklin
Signed: Wilburn L. Franklin
By driller performing actual drilling on site or contractor.
Date: June 28, 2015