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

OFFICE USE ONLY
Log No. 122970
Permit No. 58031
Basin No. 213

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. 88431
WELL NAME (If applicable): EBM-5

1. OWNER/CLIENT NAME Nevada Cogeneration Ass #1 #2
MAILING ADDRESS 420 N. Nellis Blvd #A3-400
Las Vegas Nevada 89110

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

2. PLS LOCATION NE ¼ SE ¼ 13 Sec 19 N 63 E
PERMIT/WAIVER NO. R-1686 (Issued by Water Resources) 122-13-000-001 (Current Parcel No)
58031

Latitude 36.297630 N UTM E ☐ NAD 27
Longitude 114.885746 W UTM N ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☐ New Well ☐ Deepen: Orig WL#
☒ Replacement: Original well log # 37987
☐ Recondition: Original well log # EGV-3

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
Yellowish To Tan Sand			0	22	22
+ Gravel, compacted					
Conglomerate with			22	265	243
Few fractures					
Carbonate, Gray +			265	615	350
Brown, some Fractures					
Gray + Brown Carbonates		✓	615	781	166
Some fractures					
Brown + Gray Sandstone		✓	781	798	17
Gray To brown		✓	798	916	118
Carbonates With					
Some Fractures					
Gray To Brown Carbonate		✓	916	1400	484
With some Fractures					
and some Iron Oxide					
(Major Fractures					
at These Intervals		✓	1278	1288	10
With some very Hard		✓	1288	1314	26
Black Rock					
Major Fractures		✓	1314	1400	
With more Iron					
Oxide					

DCNR/DWR/SNBO RECEIVED JUN 01 2015

May 25

Date started: May 1, 20 15
Date completed: 6-25, 20 15

9. WELL CONSTRUCTION
Depth Drilled: 1400 Feet Depth Cased: 1014.25 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
42"	Inches	0	Feet	38	Feet
28"	Inches	38	Feet	270	Feet
20"	Inches	270	Feet	1400	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
32		.375	0	38
22		.375	0	270
14		.250	+1.5	797.7

PERFORATIONS:
Type of perforation: .125 Roscoe Moss Louvered
Size of perforation: .125
From 797.7 Feet To 1014.25 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☐ Sanitary Seal		to		
☐ Neat Cement	0	to 38	☐ Pumped	☑ Poured
☐ Cement Grout	4	to 270	☑ 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: 615 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 90 ° Fahrenheit
Water Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
1440	8	24

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 A 85249 (Contractor)

Nevada contractor's license number as issued by the State Contractor's Board: C23 0019101
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 1970

Signed: Wilburn L. Franklin (By driller performing actual drilling on site or contractor)
Date: June 1, 2015

(Rev. 08-12)
(NSPO Rev 11-12)
USE ADDITIONAL SHEETS IF NECESSARY

36.2976574
-114.8849158
NAD 27

(O) 627