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

OFFICE USE ONLY
Log No 124661
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 38321
WELL NAME (if applicable) MW-21m

1. OWNER/CLIENT NAME NEVADA POWER COMPANY
MAILING ADDRESS P.O. Box 98910
LAS VEGAS NV 89193

DETAILED ADDRESS AT WELL LOCATION 501 WALLY KAY WAY
MOAPA NV
Subdivision Name County CLARK

2. PLS LOCATION SE ¼ NW ¼ 6 Sec 15 N 66 E
PERMIT/WAIVER NO MO-3044 (Issued by Water Resources) 042-06-201-003 (Current Parcel No)

Latitude 36.660339 UTM E ☐ NAD 27
Longitude ← UTM N -114.649936 ☒ 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
SILTY SANDS			0	5
MOIST CLAY		X	5	32
SILTY SAND/GRAVEL		X	32	47
SAND/CLAY		X	47	53
FINE SAND		X	53	60
SAND W/ SOME GRAVEL		X	60	70
FINE SAND		X	70	94
SILTY SAND INTERBEDDED CLAY		X	94	106
CLAY W/ SILT		X	106	130

DCNR/DWR/SNBO RECEIVED OCT 27 2015

DCNR/DWR/SNBO RECEIVED FEB 08 2016

Date started 5/4/15 20 15
Date completed 5/29 20 15

7. WATER QUALITIES
Static water level 7.94 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)
Pumped	3	1.69	2

9. INSTRUCTION
Depth Drilled 130 Feet Depth Cased 53 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
8	Inches	0 Feet	53 Feet
	Inches	Feet	Feet
	Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5	2.06	.237	+2.5	53

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☐ Neat Cement		to	☐ Pumped	☐ Poured
☒ Cement Grout	39	to 5	☒ Pumped	☐ Poured
☒ Concrete Grout	5	to 0	☐ Pumped	☐ Poured
☒ Bentonite Chips	130 41	to 58 39	☐ Pumped	☒ Poured
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	58	to 41	☐ Pumped	☒ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

PERFORATIONS
Type of perforation: FACTORY CUT
Size of perforation: .010
From 53 Feet To 43 Feet
From Feet To Feet
From Feet To Feet
From Feet To Feet
From Feet To Feet

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name CASCADE DRILL L.P (Contractor)
Address 7773 W SELDON PEORIA AZ 85345 (Contractor)
Nevada contractor's license number as issued by the State Contractor's Board 0073966
Nevada well driller's license number as issued by the Nevada Division of Water Resources (write driller) 2489
Signed [signature] (Signature of Contractor)
Date 5/11/15

(Rev. 12-13)

USE ADDITIONAL SHEETS IF NECESSARY pg. of pg.

NAD 27

36.66036 76
-114.649 1112