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

OFFICE USE ONLY
Log No. 124810
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. 38804
WELL NAME (*If applicable*): MW-29D2

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

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

2. PLS LOCATION: NE ¼ SE ¼ 6 Sec 15 N 66 E
PERMIT/WAIVER NO. MO-3042 (Issued by Water Resources) 042-06-701-001 (Current Parcel No.)

Latitude 36.658171 UTM E
Longitude -114.642862 UTM N
☐ NAD 27 ☒ 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 SAND			0	6
CLAY		X	6	15
SILT W/ SAND		X	15	22
CLAY			22	32
SILT W/ SAND		X	32	58
[redacted] GRAVEL		X	58	68
SAND W/ GRAVEL		X	68	90
CLAY W/ SILT & SAND		X	90	103
FAT CLAY			103	110

NV/DWR/SNBO RECEIVED FEB 08 2016

Date started: JULY 14, 20 15
Date completed: 7/23, 20 15

7. WATER QUALITIES
Static water level: 3.6 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	6	32.6	1.25

9. CONSTRUCTION
Depth Drilled: 110 Feet Depth Cased: 106 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8"	Inches	0	Feet	110	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	106

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☐ Neat Cement		to	☐ Pumped	☐ Poured
☒ Cement Grout	92	to 5	☒ Pumped	☐ Poured
☐ Concrete Grout	5	to 0	☐ Pumped	☒ Poured
☒ Bentonite Chips	94	to 92	☐ Pumped	☒ Poured
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	108	to 94	☐ Pumped	☒ Poured
☒ Other Explain: Bentonite chips	110	to 108	☐ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: FACTORY CUT
Size of perforation: .010

From 106	Feet	To 96	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 DRILLING L.P. (Contractor)
Address: 7773 W SELDON LN PEORIA AZ 85345 (Contractor)
Nevada contractor's license number as issued by the *State Contractor's Board*: 0073964
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller)*: 2489
Signed: (Driller performing actual drilling on site or contractor)
Date: 7/19/15

(Rev. 12-13)
USE ADDITIONAL SHEETS IF NECESSARY
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NAD 27
36.658995
-114.6420375