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

OFFICE USE ONLY
Log No. 124819
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. 38800
WELL NAME (If applicable): MW-27D

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

DETAILED ADDRESS AT WELL LOCATION: SOUTHWEST CORNER OF MOAPA NV
Subdivision Name: County:

2. PLS LOCATION: NE ¼ SE ¼ 6 Sec 15 N/S 66 E
PERMIT/WAIVER NO. MO-5042A (Issued by Water Resources) 012-06-701-001 (Current Parcel No.)

Latitude 36.657808 UTM E ☐ NAD 27
Longitude -114.639222 UTM N ☒ 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		X	0	10
CLAY			10	22
CLAY W/ SAND			22	34
SAND W/ GRAVEL			34	78

DCNR/DWR/SNBO RECEIVED FEB 08 2016

DCNR/DWR/SNBO RECEIVED OCT 2 8 2015

Date started: 7/13, 20 15
Date completed: 8/6, 20

7. WATER QUALITIES
Static water level: 22 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)
Pump	2	50	.5

9. CONSTRUCTION
Depth Drilled: 78 Feet Depth Cased: 76 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	78	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	76

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☐ Neat Cement		to	☐ Pumped	☐ Poured
☒ Cement Grout	0.1	to 5	☒ Pumped	☐ Poured
☒ Concrete Grout	5	to 0	☒ Pumped	☒ Poured
☒ Bentonite Chips	64	to 61	☐ Pumped	☒ Poured
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	78	to 64	☐ Pumped	☒ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

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

From 76	Feet	To 66	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 (Contractor): CASCADE DRILLING L.P.
Address (Contractor): 7773 W. SELDON LN PEORIA AZ 85345
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 (on-site driller): 2489
Signed: (By driller performing actual drilling on site or contractor)
Date: 7/14/15

(Rev. 12-13)
USE ADDITIONAL SHEETS IF NECESSARY
pg. of pg.

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