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

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

OFFICE USE ONLY
Log No. 124821
Permit No.
Basin No.

NOTICE OF INTENT NO. 3499
WELL NAME (If applicable): MW-19D

1. OWNER/CLIENT NAME: NEVADA POWER COMPANY
MAILING ADDRESS: P.O BOX 98910
LAS VEGAS NV 89173

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

2. PLS LOCATION: SW ¼ SE ¼ 06 Sec 15 N(S) 66 E
PERMIT/WAIVER NO.: MO-3050 (Issued by Water Resources) 042-06-701001 (Current Period No)

Latitude: 36.655247 UTM E:
Longitude: -114.647527 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
FILL CSAND & GRAVEL				23
SAND W/ SILT		X	23	27
SILTY CLAY		X	27	36
SAND W/ SILT AND GRAVEL		X	36	77
SILTY CLAY		X	77	83
CLAY		X	83	97
SAND W/ SILT		X	97	100

DCNR/DWR/SNBO
RECEIVED
OCT 2 7 2016

DCNR/DWR/SNBO
RECEIVED
FEB 08 2016

Date started: JUNE 5 20 15
Date completed: JUNE 17 20 15

7. WATER QUALITIES
Static water level: 20.16 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	1.80	1.25

9. CONSTRUCTION
Depth Drilled: 100 Feet Depth Cased: 88 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	100	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	0	78

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☐ Neat Cement		to	☐ Pumped	☐ Poured
☒ Cement Grout	63	to 2	☒ Pumped	☐ Poured
☒ Concrete Grout	2	to 0	☐ Pumped	☒ Poured
☒ Bentonite Chips	100 66	to 80 63	☐ Pumped	☒ Poured
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in]	87	to 66	☐ Pumped	☒ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

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

From 98	Feet	To 68	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*.
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller)*: 2489

Signed: (to sheet performing actual drilling on site or contractor)
Date: 6/15/15

(Rev 12-13)

USE ADDITIONAL SHEETS IF NECESSARY

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NAD 27
36.6552756
-114.6467023