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

OFFICE USE ONLY
Log No 124825
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 36989
WELL NAME (if applicable) KMW-21M

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

DETAILED ADDRESS AT WELL LOCATION SOUTHWEST KYLE NAT
MOAPA NV
Subdivision Name — County CLARK

2. PLS LOCATION NW ¼ NE ¼ 07 Sec 15 N 66 E
PERMIT/WAIVER NO. MD-3054 (Issued by Water Resources) 042-08-000-004 (Current Parcel No)

Latitude 36.651415 UTM E — ☐ NAD 27
Longitude -114.628527 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 CLAY		X	0	25
SILTY SAND		X	25	34
SILTY CLAY		X	34	37
SILTY SAND		X	37	45
SAND		X	45	62
SAND W/ SILT		X	62	67

DCNR/DWR/SNBC RECEIVED OCT 27 2015

DCNR/DWR/SNBC RECEIVED FEB 08 2016

Date started MAY 29 20 15
Date completed JUNE 5 20 15

7. WATER QUALITIES
Static water level: 7.43 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	4	6.73	1.5

9. INSTRUCTION
Depth Drilled 67 Feet — Depth Cased 67 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	67	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	62

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☐ Neat Cement		to	☐ Pumped	☐ Poured
☒ Cement Grout	52	to 0	☒ Pumped	☐ Poured
☒ Concrete Grout		to	☐ Pumped	☐ Poured
☒ Bentonite Chips	55	to 52	☐ Pumped	☒ Poured
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	67	to 55	☐ Pumped	☒ Poured
☐ Other: explain		to	☐ Pumped	☐ Poured

PERFORATIONS
Type of perforation FACTORY CUT
Size of perforation .010

From 67 Feet	To 57 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 0073966
Nevada well driller's license number as issued by the Nevada Division of Water Resources, Monitoring Branch 2489
Signed (Signature of certificate holder or his authorized agent)
Date 6/1/15

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

NAD27
36.6514433
-114.6277033