

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT
MW 4 RR

PRINT OR TYPE 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. 121757
Permit No. 1
Basin 064

1. OWNER NU ENERGY ADDRESS AT WELL LOCATION NU ENERGY N. VALMY GENERATING STATION VALMY, NV 89438
MAILING ADDRESS 6226 W. SAHARA AVE MAIL STOP 30 LAS VEGAS, NV 89146 Subdivision Name: _____ County: HUMBOLT
2. LOCATION NE 1/4 SE 1/4 Sec 30 T 35 N/S R 43 E Latitude 40.531976 UTM E NAD 27
PERMIT/WAIVER No. M/O 1968 007-351-27 Longitude 117.091095 N NAD 83/WGS 84
Issued by Water Resources Parcel No. _____

3. WORKED PERFORMED New Well Replace Recondition Deepen Other
4. PROPOSED USE Domestic Municipal/Industrial Irrigation Monitor Test Stock
5. WELL TYPE Cable Air Rotary RVC Other SONIC

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
SEE ATTACHED LITHOLOGY LOG				
NAD 27 40.878758°N 117.167594°W				

9. WELL CONSTRUCTION
Depth Drilled 85 Feet Depth Cased 85 Feet
HOLE DIAMETER (BIT SIZE)
From 8 Inches To 85 Feet
Inches Feet
Inches Feet
Inches Feet
CASING SCHEDULE
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
4" SCH 80 PVC
Perforations:
Type of perforation FACTORY SLOT
Size of perforation .020
From 85 feet to 30 feet
From _____ feet to _____ feet
Annular Seal: Yes No
 Neat Cement 26 to 0 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured
Gravel Pack: Yes No 85 to 28 Pumped Poured
Type: #3 MONTEREY
Bentonite Chips: Yes No 28 to 26 Pumped Poured
Type: MEDIUM

7. Water Level
Static water level: 69 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: _____ °F
Quality: _____

8. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name CASCADE DRILLING Contractor
Address 230 E. SYDNEY DR. W. CARLEAV, NV
Nevada contractor's license number issued by the State Contractor's Board 73966
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2434
Signed KZ Ruel
By driller performing actual drilling on-site or contractor
Date 1-24-15

Well log # 121757



Stantec Consulting Services Inc.
1165 East Jennings Way, Suite 101
Elko, NV 89801-7977
Tel: (775) 738-8766
Fax: (775) 738-2264

595 Double Eagle Court, Suite 2000
Reno, NV 89521-9005
Tel: (775) 747-5777
Fax: (775) 747-2177

Valmy Power Plant
Summary Log of Replacement Monitoring Well

MW-4RR: Completed 01/23/2015

Well Number	From	To	Interval	Lithology	Groundwater
MW-4RR	0	34	34	Gravels with silt and clay	--
	34	85	51	Basalt with argillized breccias	Water at 69 feet

Notes: All intervals in feet below ground surface.
Groundwater depth as first encountered in drilling.



Walter M. Martin
Walter Martin, CPG-11358

2/11/15
Date

RECEIVED
2015 FEB 13 AM 11:26
STATE ENGINEERS OFFICE