

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



OFFICE USE ONLY
Log No. 108800
Permit No. _____
Basin 431

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

NOTICE OF INTENT NO. 62743

1. OWNER Nevada Geothermal Power Co. ADDRESS AT WELL LOCATION SW Slope of Blue Mtn
MAILING ADDRESS 657 Anderson St Winnemucca, Nv 89445 BM-MW1
Subdivision Name: _____ County: Humboldt

2. LOCATION SE 1/4 SW 1/4 Sec 25 T 36N N/S R 34E E Latitude N40.959476 UTM E NAD 27
PERMIT/WAIVER No. MO1530 Parcel No. 05-341-31 Longitude W 118.111923 N NAD 83/WGS 84

3. WORKED PERFORMED New Well Replace Recondition Domestic Irrigation Test
Deepen Other Municipal/Industrial Monitor Stock Air Other

8. LITHOLOGIC LOG
Material Water Strata From To Thickness

Material	Water Strata	From	To	Thickness
Fine Sand, top soil		0	3	3
Phyllite gravel & sand		3	84	81
Silt		84	95	11
Phyllite		95	130	35
Silt		130	358	228
Gravel & Silt & clay		358	380	22
Shale & gravel		380	405	25
		405	-405	

9. WELL CONSTRUCTION
Depth Drilled 405 Feet Depth Cased 398
HOLE DIAMETER (BIT SIZE)
From To
6 5/8 Inches 0 Feet 405 Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2 3/8	PVC	sdr 11 / sch 80	0	398

Perforations:
Type of perforation slotted
Size of perforation 0.020
From 338 feet to 398 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Annular Seal: Yes
Neat Cement _____ to _____ Pumped Poured
Cement Grout _____ to _____ Pumped Poured
Concrete Grout _____ to _____ Pumped Poured
≥30% Bentonite Grout 0 to 330 Pumped Poured
Gravel Pack: Yes No 338 to 405 Pumped Poured
Type: _____ silica sand
Bentonite Chips: Yes No 330 to 338 Pumped Poured
Type: _____ 3/8 baroid

7. Water Level
Static water level: 288 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: cold °F
Quality: uk

8. WELL TEST DATA

TEST METHOD:	Bailer		Pump		Air Lift	
	G.P.M.	Draw Down (Feet Below Static)	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
AIR	4	unk			7	

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name High Desert Drilling LLC
Contractor
Address 4225 E Mary Way
Contractor
Winnemucca Nevada 89445
Nevada contractor's license number issued by the State Contractor's Board 62237
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2364
Signed [Signature]
By driller performing actual drilling on site or contractor
Date 7-18-09

USE ADDITIONAL SHEETS IF NECESSARY

STATE OF NEVADA
DIVISION OF WATER RESOURCES
2009 JUN 18 AM 11:05