STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 118644
Permit No.
Basin 121A

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 70974

1. OWNER HB Engineering Group & Isabella Pearl LLC
MAILING ADDRESS P.O. Box 2391
Reno, NV 89505

ADDRESS AT WELL LOCATION None
PW#1
Subdivision Name: County: Mineral

2. LOCATION SW¼SE¼ Sec27T9N / R34E
PERMIT/WAIVER NO. W-672A (Issued by Water Resources) None (Parcel. No.)

Latitude 38.60331 Longitude 118.17908
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☒ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☒ Rotary ☐ RVC
☒ Air ☐ Other & Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Fine sand, silt and clay		0	100	100
Black dacite, some clay	X	100	220	120
Black dacite w/more clay		220	270	50
Gray fine grain silt w/clay		270	320	50
Black dacite w/clay		320	330	10
Gray silty clay, fine sand	X	330	380	50
Gray dacite w quartz & clay		380	400	20
White/light gray ash		400	420	20

PW#1

NAD 27
38.603387°N
118.178121°W

Date started: 8-21, 20 13
Date completed: 9-4, 20 13

7. Water Level
Static water level: 89 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality: not tested

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☒ Pump ☒ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Pump	20	260	16
Air	60-80		2

9. WELL CONSTRUCTION
Depth Drilled 420 Feet Depth Cased 420 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12 1/4 Inches	0 Feet	420 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8	22.36	.250	+2	420

Perforations:
Type of perforation Factory
Size of perforation Tripple row .090
From 135 feet to 215 feet
From 299 feet to 399 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☒ Neat Cement 0 to 100 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 100 to 420 ☐ Pumped ☒ Poured
Type: 1/4 x 3/8
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Bruce MacKay Pump & Well Service, Inc. (CONTRACTOR)
Address 1600 Mt. Rose Hwy (CONTRACTOR)
Reno, NV 89511
Nevada contractor's license number issued by the State Contractor's Board 23096
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1790
Signed R. Bruce MacKay
By driller performing actual drilling on site or contractor
Date 9-6-'13

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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