

STATE OF NEVADA
 DIVISION OF WATER RESOURCES

OFFICE USE ONLY
 Log No. 73439
 Permit No. _____
 Basin 105



NOTICE OF INTENT NO. 51684

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 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

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

1. OWNER R & D Management & Development, LLC ADDRESS AT WELL LOCATION 380 Courtland, Gardnerville
 MAILING ADDRESS P.O. Box 2209 Gardnerville, NV 89410

2. LOCATION SE 1/4 NE 1/4 Sec. 31 T 12N N/S R 21E E Douglas County
 PERMIT NO. Indian Territory See Lithologic notes Buffalo Run Development, Gardnerville
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon 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	Thick-ness
Brown clay, mixed w/rock		0	60	60
Brown sandy clay w/rock		60	120	60
Gray rock/gravel/small fracture	x	120	260	140
Gray Fractured rock, a little gravel	x	260	340	80
Brown sticky clay		340	380	40
Hard Gray Granite	x	380	420	40
Hard purple volcanic rock/small fracture		420	461	41
Brown clay		461	465	4
Hard Volcanic rock	x	465	480	15
Hard Gray Granite		480	500	20
Fractured black/green rock		500	520	20
Green/gray hard rock		520	570	50
Green rock/gravel-hard		570	600	30
Black/gray hard rock		600	610	10

Carson City PD allotment CC730, Lessor-Wayne Snooks

Date started 4/28/2004 .19
 Date completed 5/26/2004 .19

7. WELL TEST DATA

TEST METHOD:	TEST METHOD:	
	G.P.M.	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift		
	Draw Down (Feet Below Static)	
Air	40	11.5 Hrs

8. WELL CONSTRUCTION

Depth Drilled 610 Feet Depth Cased 610 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12 1/4 Inches	0 Feet	410 Feet
9 7/8 Inches	410 Feet	491 Feet
6 1/8 Inches	491 Feet	610 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8	18	.188	+1	491
5	10.79	.188	471	611

Perforations:

Type perforation Screen in 8" & perf in the 5"
 Size perforation .050 screen, 3/32 x 3" in 5"

From	To
171 feet	191 feet
221 feet	241 feet
331 feet	391 feet
411 feet	471 feet
470 feet	510 feet
530 feet	550 feet

Surface Seal: Yes No 570 Seal Type 590
 Depth of Seal 66
 Placement Method: Pumped Cement Grout Concrete Grout
 Poured
 Gravel Packed: Yes No
 From 66 feet to 491 feet

9. WATER LEVEL

Static water level 169 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature cold °F Quality not tested

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 2010

Signed R. Bruce MacKay
 By driller performing actual drilling on-site or contractor
 Date 5/27/2004

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 STATE ENGINEERS OFFICE