

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

OFFICE USE ONLY  
Log No. 116320  
Permit No. 81585T  
Basin 153

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. 68956 ✓

1. OWNER **Sadler Brown Ranch-Doug Frazer** ADDRESS AT WELL LOCATION **2401 Sadler Brown Rd.**  
MAILING ADDRESS **2401 Sadler Brown Rd.** **Eureka, NV 89316**  
**Eureka, NV 89316** **Eureka, NV 89316**  
Subdivision Name: \_\_\_\_\_ County: **Eureka**

2. LOCATION **NW¼SE¼ Sec23T24N/ R52E** Latitude **39.942990** UTM E  NAD 27  
PERMIT/WAIVER NO. **81585T** **006-32-004** Longitude **116.074150** N  NAD 83/WGS 84  
Issued by Water Resources Parcel No. \_\_\_\_\_

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	Thick-ness
Tan Gravelly silt		0	25	25
Brown Limestone w/red clay		25	197	172
Grey Dolomite		197	285	88
Fault zone w/voids & red-orange silt and clay	x	285	292	7
Grey Dolomite	x	292	310	18
There is a 20" conductor neat cemented in to 60'. The 14" casing is sealed to 105' with Bentonite and neat cement				

9. WELL CONSTRUCTION

Depth Drilled **310** Feet Depth Cased **305** Feet

HOLE DIAMETER (BIT SIZE)

From	To
26 Inches	0 Feet 60 Feet
19 Inches	60 Feet 310 Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20"	53	.250	0	60
14"	37	.250	+1	305

Perforations:

Type of perforation **Factory screen**  
Size of perforation **.050**

From **245** feet to **305** feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement 0 to 25  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout 25 to 105  Pumped  Poured

Gravel Pack:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Type: \_\_\_\_\_  
Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
Type: \_\_\_\_\_

7. Water Level

Static water level: **10** feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: **97** °F  
Quality: **Unknown**

8. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Draw Down (Feet Below Static)		Time (Hours)
<b>Air</b>	<b>1,000 +</b>		<b>15</b>

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 **1723**

Signed R. Bruce MacKay  
By driller performing actual drilling on site or contractor  
Date **5-15-12**

RECEIVED  
2012 MAY 31 AM 10:49  
STATE ENGINEERS OFFICE