STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 117327
Permit No.
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. 67201

1. OWNER Saddler Brown Ranch - Doug Frazer
MAILING ADDRESS 2401 Saddler Brown Rd
Eureka, NV 89316

ADDRESS AT WELL LOCATION 2401 Saddler Brown Rd
Eureka, NV 89316
Subdivision Name: County: Eureka

2. LOCATION NE¼NE¼ Sec23T24N/ R59E 52E
PERMIT/WAIVER NO. 006-32-004
Issued by Water Resources Parcel. No.

Latitude 39.950495 UTM E ☐ NAD 27
Longitude 116.071840 N ☒ 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
Brown Silt		0	8	8
Broken limestone, Volcanic Gravels, small amounts of clay silts		8	50	42
Gravels, small amounts of white,grey clay silts		50	65	15
Hard Iron stained grey brown volcanics		65	80	15
Fracture		80	82	2
Hard Iron stained grey brown volcanics		82	90	8
Volcanic sand, small cobbels brown grey clays	X	90	180	90
Volcanic sand, small cobbles clay white, LT grey	X	180	210	30
Volcanic sand small cobbles with more clay's	X	210	230	20

Replace unknown well log

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Date started: 1-30, 20 12
Date completed: 2-2, 20 12

9. WELL CONSTRUCTION
Depth Drilled 230 Feet Depth Cased 230 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 5/8 Inches	0 Feet	50 Feet
9 7/8 Inches	50 Feet	230 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6"	12.92	.188	+3	230'

Perforations:
Type of perforation Factory
Size of perforation 3/32 X 3 Tripple Row

From	210 feet to	230 feet	
From	150 feet to	170 feet	
From	110 feet to	130 feet	
From	feet to	feet	
From	feet to	feet	

Annular Seal: ☒ Yes ☐ No

☒ Neat Cement	0 to 50	☒ Pumped	☐ Poured
☐ Cement Grout	to	☐ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to	☐ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 50 to 230 ☐ Pumped ☒ Poured
Type: 1/4 x 1/8
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 30 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 78 °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	22	84'	2

39. 950570°N NAD27
116. 070942°W

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 23095 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 2-2-11

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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