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

OFFICE USE ONLY
Log No. 115340
Permit No.
Basin 138

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. 68291

1. OWNER JERRY LANCASTER
MAILING ADDRESS HC 65 Box 500
Austin, NV 89310

ADDRESS AT WELL LOCATION GRASS VALLEY RANCH
Subdivision Name: County: Lander

2. LOCATION NW ¼ SE ¼ Sec 9 T 21N N/S R 46 E
PERMIT/WAIVER No. N/A
Issued by Water Resources Parcel No.

Latitude 39* 41.913 N
Longitude 116* 48.404 W
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

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

4. PROPOSED USE According To NOI
☐ Domestic ~~☒ Irrigation~~ ☒ Test
☐ Municipal/Industrial ☐ Monitor ☐ Stock

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOP SOIL		0'	2'	2'
SILTY CLAY WITH GRAVEL		2'	19'	17'
AND COBBLES				
SAND, GRAVEL & COBBLES		19'	120'	101'
SAND, GRAVEL & COBBLES		120'	242'	122'
WITH SOME CLAY LAYERS				
RED VOLCANIC ROCK		242'	303'	61'
COARSE SAND WITH CLAY		303'	365'	62'
CONSOLIDATED SAND AND		365'	470'	105'
GRAVELS				
RED VOLCANIC ROCK		470'	487'	17'
WHITE CLAY WITH EMBEDED		487'	505'	18'
GRAVELS				
RED VOLCANIC ROCK IN CLAY		505'	555'	50'
WHITE CLAY WITH SAND		555'	630'	75'
LAYERS				

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Date started: 20-May, 20 12
Date completed: 26-May, 20 12

9. WELL CONSTRUCTION
Depth Drilled 630' Feet Depth Cased 620' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	50'	Feet
24"	Inches	50'	Feet	630'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"		.250"	0'	50'
16"		.250"	+2'	620'

Perforations:
Type of perforation DOUBLE ROW MILL SLOT
Size of perforation 0.090"
From 80' feet to 240' feet
From 320' feet to 620' feet
From feet to 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 0' to 630' ☐ Pumped ☒ Poured
Type: BCJ 3/8" MINUS
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 22' feet below land surface
Artesian Flow: NO G.P.M. 0 P.S.I.
Water Temperature: COOL °F
Quality:

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
CONSTANT	515	293'	4 HOURS
	39.	698626°N	NAD27
	116.	805815°W	

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Hydro Resources-West, Inc. (Contractor)
Address 4975 W. Winnemucca Blvd. (Contractor)
Winnemucca NV, 89445
Nevada contractor's license number issued by the *State Contractor's Board* 56797
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* # 2158
Signed Michelle Strother (By driller performing actual drilling on site or contractor)
Date 6/12/2012

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY