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

OFFICE USE ONLY
Log No. 108654
Permit No.
Basin 069

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. 63652

1. OWNER Winnemucca Farms
MAILING ADDRESS One Potato Place
Winnemucca, NV 89445

ADDRESS AT WELL LOCATION Well #102
Subdivision Name: County: Humboldt

2. LOCATION SW ¼ SW ¼ Sec 12 T 37N N/S R 39 E
PERMIT/WAIVER No. 65825-65826-65827
Issued by Water Resources Parcel No.

Latitude 41' 05.465 UTM E ☐ NAD 27
Longitude 117' 32.616 N ☒ NAD 83/WGS 84

3. WORKED 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOP SOIL		0'	3'	3'
VERY SILTY CLAY		3'	42'	39'
SAND AND GRAVEL		42'	51'	9'
CLAY AND GRAVEL		51'	101'	50'
SAND, GRAVEL, SOME CLAY		101'	143'	42'
CLAY,W/ SAND & GRAVEL		143'	308'	165'
CEMENTED SANDS		308'	391'	83'
BASALT		391'	536'	145'
RED VOLCANICS		536'	556'	20'
BASALT		556'	574'	18'
BASALT W/CEMENTED SAND		574'	591'	17'
BASALT W/ SOME FRACTURES		591'	811'	220'

41.091182°N
117.542643°W
NAD 27
TA

Date started: 16-Mar, 20 09
Date completed: 27-Mar, 20 09

9. WELL CONSTRUCTION
Depth Drilled 811' Feet Depth Cased 810' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	50'	Feet
28"	Inches	50'	Feet	811'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"		.250"	0'-5'	45'-50'
30"		Corrugated	5'	45'
18"		.375"	+2'	810'

Perforations:
Type of perforation MILL SLOT
Size of perforation 0.090"
From 370 feet to 530 Double Row feet
From 570 feet to 650 Quad Row feet
From 650 feet to 690 Double Row feet
From 690 feet to 810 Quad Rpw feet
From 160 feet to 170' Expansion Joint 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 811' ☐ Pumped ☒ Poured
Type: GOPHER GRAVEL 1/4" X 1/8"
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 44' feet below land surface
Artesian Flow: G.P.M. 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	3300	117'	10
PL 161'	5'7:01		

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 Nevada, Inc. dba Humboldt Drilling & Pump
Contractor
Address 4975 W. Winnemucca Blvd.
Contractor
Winnemucca, Nevada 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* #2177
Signed Cheryl Jaynes - Office
By driller performing actual drilling on site or contractor
Date 6/22/2009

(Rev. 95-06)
USE ADDITIONAL SHEETS IF NECESSARY