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

OFFICE USE ONLY
Log No. 109584
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. 63648

1. OWNER WINNEMUCCA FARMS
MAILING ADDRESS ONE POTATOE PLACE, WINNEMUCCA, NV 89445.
ADDRESS AT WELL LOCATION WELL # 20
Subdivision Name: County: Humboldt

2. LOCATION ~~SW~~ SE ¼ ~~SW~~ SE ¼ Sec 21 T 38N N/S R 38 E
PERMIT/WAIVER No. 25654 (Issued by Water Resources) Parcel No.
Latitude 41°11.759′ Longitude 117°39.500′
UTM E N
☐ NAD 27 ☒ 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'	10'	10'
SAND		10'	30'	20'
CLAY		30'	38'	8'
SAND		38'	75'	37'
SAND AND GRAVEL.		75'	78'	3'
SANDY CLAY.		78'	120'	42'
SAND AND GRAVEL.		120'	125'	5'
SANDY CLAY.		125'	210'	85'
SAND AND GRAVEL.		210'	214'	4'
SAND, CLAY AND GRAVEL		214'	465'	251'
SANDY CLAY WITH SAND		465'	520'	55'
41.196092 N				
117.657372 W				
NAD 27 (Ta)				

Date started: 16-Feb, 20 09
Date completed: 20-Feb, 20 09

9. WELL CONSTRUCTION
Depth Drilled 520 Feet Depth Cased 520 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	50'	Feet
28"	Inches	50'	Feet	520'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"		.250"	0'	50'
18"		.375"	+2	520'
18"		EXPANSION JOINT	150'	160'

Perforations:
Type of perforation MILL SLOT
Size of perforation 0.090"
From 70' feet to 150' D.R. feet
From 160' feet to 200' D.R. feet
From 200' feet to 360' Q.R. feet
From 360' feet to 520' feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement 0' to 50' ☒ Pumped ☐ Poured
☒ Cement Grout 0' to 5' ☐ Pumped ☒ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 5' to 520' ☐ Pumped ☒ Poured
Type: 1/4" X 1/8" GOPHER ROCK
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 156.5 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)
Pump	2500	81.5	6 Hour

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. dbaHumboldt 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* # 1713
Signed (By driller performing actual drilling on site or contractor)
Date 3/13/2009

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY