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

OFFICE USE ONLY
Log No. 109531
Permit No.
Basin 032 pg 1 of 2

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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 63658

1. OWNER BETES FARMS
MAILING ADDRESS P.O. BOX 2217 WINNEMUCCA, NV, 89445

ADDRESS AT WELL LOCATION
Subdivision Name: County: Humboldt

2. LOCATION NW ¼ SE ¼ Sec 17 T 38N N/S R 37 E
PERMIT/WAIVER No. 29597 (Issued by Water Resources) Parcel No.

Latitude 41° 09.995' N
Longitude ~~117° 50.462'~~ 117° 50.462' W
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
SILTY CLAY		0'	50'	50'
SAND, GRAVEL, AND CLAY		50'	88'	38'
GREY CLAY & SOME GRAVEL		88'	92'	4'
GREY CLAY		92'	108'	16'
CLAY AND SOME GRAVEL		108'	112'	4'
BROWN CLAY		112'	123'	11'
CEMENTED SANDS		123'	126'	3'
HARD CLAY & SAND STREAKS		126'	278'	152'
CLAY AND SOME GRAVEL		278'	344'	66'
SANDY CLAY		344'	398'	54'
CLAY AND D.G.		398'	558'	160'
GRANITE		558'	564'	6'
CLAY WITH GRANITE LAYERS		564'	571'	7'
CLAY WITH SOME D.G.		571'	630'	59'

41.166698° N
117.840059° W
NAD 27 (To)

Date started: 9-Mar, 20 09
Date completed: 14-Mar, 20 09

7. Water Level
Static water level: 235' 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	1200	82.40'	8HRS

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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'	5'
30"		CORRAGATED	5'	45'
30"		.250"	45'	50'

Perforations:
Type of perforation MILL SLOT
Size of perforation 0.090"

From 200'	feet to	280' D.R.	feet
From 280'	feet to	320' Q.R.	feet
From 320'	feet to	360' D.R.	feet
From 360'	feet to	400' Q.R.	feet
From 400'	feet to	440' D.R.	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: GOPHER GRAVEL 1/4" X 1/8"
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

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* # 2158
Signed L. Tompkins - Admin (By driller performing actual drilling on site or contractor)
Date 4/2/2009

(Rev. 05-05)

USE ADDITIONAL SHEETS IF NECESSARY

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DIVISION OF WATER RESOURCES
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MAILING ADDRESS
ADDRESS AT WELL LOCATION PAGE TWO
Subdivision Name: County:

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PERMIT/WAIVER No. (Issued by Water Resources) Parcel No.
Latitude Longitude
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

Date started: , 20
Date completed: , 20

7. Water Level
Static water level: feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

9. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased Feet

HOLE DIAMETER (BIT SIZE)

	From	To
Inches	Feet	Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

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

Perforations:
Type of perforation MILL SLOT
Size of perforation 0.090"
From 440' feet to 480' Q.R. feet
From 480' feet to 560' D.R. feet
From 560' feet to 600' Q.R. feet
From 600' feet to 620' D.R. feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:
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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 Z. Tompkins-Admin (By driller performing actual drilling on site or contractor)
Date 4/2/2009

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(Rev. 05-08)

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