STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 112028
Permit No. 60231
Basin 028

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. 64933

1. OWNER HYCROFT RESOURCES
MAILING ADDRESS PO Box 3030
Winnemucca, NV 89445

ADDRESS AT WELL LOCATION SULPHER
Subdivision Name: County: Humboldt

2. LOCATION NE ¼ NE ¼ Sec 31 T 35N N/S R 29 E
PERMIT/WAIVER No. 60231 (Issued by Water Resources) Parcel No.

Latitude 40* 52.190 N
Longitude 118* 46.262 W
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84
40.869932°N, 118.770034°W NAD 27 (TW)

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'	2'	2'
SAND		2'	12'	10'
SAND WITH SILTY CLAY		12'	47'	35'
SILTY CLAY		47'	166'	119'
SAND AND GRAVEL		166'	204'	38'
SAND & GRAVEL W/CLAY		204'	221'	17'
COARSE SAND & GRAVEL		221'	302'	81'
SAND & GRAVEL W/CLAY		302'	450'	148'

Date started: 13-Sep, 20 10
Date completed: 15-Sep, 20 10

9. WELL CONSTRUCTION
Depth Drilled 450' Feet Depth Cased 440' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	50'	Feet
24"	Inches	50'	Feet	450'	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'	440'

Perforations:
Type of perforation MILL SLOT
Size of perforation 0.090"
From 160' D.R. feet to 200' feet
From 240' D.R. feet to 280' feet
From 280' Q.R. feet to 360' feet
From 360' D.R. feet to 440' 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 450 ☒ Pumped ☐ Poured
Type: GOPHER GRAVEL 1/4" X 1/8"
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 99.0' 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	2500	41'	8 HRS

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 William A. Weber (By driller performing actual drilling on site or contractor)
Date 10/1/2010

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY