ORIGINAL

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

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

OFFICE USE ONLY
Log No. 116047
Permit No. 81279
Basin Ø28

NOTICE OF INTENT NO. 68539

1. OWNER HYCROFT RESOURCES & DEVELOPMENT INC.
MAILING ADDRESS PO BOX 3030
WINNEMUCCA, NV 89445

ADDRESS AT WELL LOCATION HYCROFT MINE
LEWIS POTABLE WELL TEST WELL
Subdivision Name: County: Humboldt

2. LOCATION SE ¼ SE ¼ Sec 17 T 35N N/S R 30 E
PERMIT/WAIVER No. 81279 (Issued by Water Resources)
Parcel No.

Latitude 40* 53.973 N
Longitude 118* 38.310 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
SURFACE CLAY & GRAVEL		0'	20'	20'
RED VOLCANIC CINDERS		20'	55'	35'
GRAY AND GREEN ANDASITE		55'	120'	65'
TAN CLAY STONE		120'	130'	10'
RED MUD STONE		130'	200'	70'
TAN MUDSTONE		200'	275'	75'
RED VOLCANIC CINDERS		275'	400'	125'
THIS WELL WAS NOT PRODUCING ANY WATER SO WE WENT AND PERFORATED FROM 120'-220' AND RE TESTED THE WELL. IN DOING SO THE GRAVEL PACK FELL TO 220' DUE TO THE SIZE OF THE PERFORATIONS MADE.				
Replaces Original Well Log 25080. Plugged by NDL 70215				

Date started: 29-Jul, 20 12
Date completed: 6-Aug, 20 12

7. Water Level
Static water level: 120' 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)
40.899649°N		NAD27
118.637506°W		

9. WELL CONSTRUCTION
Depth Drilled 400' Feet Depth Cased 385' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
17 1/2"	Inches	0'	Feet	400'	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10 3/4"		.250" HSLA	+2'	385'

Perforations:
Type of perforation FULL FLO LOUVERED
Size of perforation 0.050"
From 225' feet to 385' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement 0' to 100' ☒ Pumped ☐ Poured
☒ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 105' to 400' ☐ Pumped ☐ Poured
Type: BCJ 8X16
Bentonite Chips: ☒ Yes ☐ No 100' to 105' ☐ Pumped ☐ Poured
Type: 3/8" COATED PELLETS

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* # 1713
Signed Michelle Strothen (By driller performing actual drilling on site or contractor)
Date 10/11/2012

(Rev. 06-08)

USE ADDITIONAL SHEETS IF NECESSARY