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

OFFICE USE ONLY
Log No. 111921
Permit No. 36560
Basin 176

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. 64931

1. OWNER BARRICK-CORTEZ 7-H RANCH
MAILING ADDRESS PO Box 1040
Elko, NV 89803

ADDRESS AT WELL LOCATION NORTH OF THE RUBY MARSH
Subdivision Name: County: Elko

2. LOCATION NW ¼ SW ¼ Sec 16 T 28N N/S R 58 E
PERMIT/WAIVER No. 36560 (Issued by Water Resources) Parcel No.

Latitude 40' 18.423 N
Longitude 115' 26.871 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
DECOMPOSED GRANITE		0'	60'	60'
SAND AND GRAVEL		60'	130'	70'
GRAVEL AND CLAY		130'	185'	55'
DECOMPOSED GRANITE		185'	360'	175'
Nad 27 GPS				
40.307121°N				
115.446968°W				
OID Well Log 4899				
Plugged by 111706				

Date started: 7-Aug, 20 10
Date completed: 8/11/2010, 20 10

9. WELL CONSTRUCTION
Depth Drilled 360' Feet Depth Cased 357' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	50'	Feet
28"	Inches	50'	Feet	360'	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"		.312"	+2'	357'

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

From	70' D.R.	feet to	90'	feet
From	117' Q.R.	feet to	157'	feet
From	157' D.R.	feet to	317'	feet
From	317' Q.R.	feet to	357'	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 50 to 360' ☐ Pumped ☒ Poured
Type: GOPHER GRAVEL 1/4" X 1/8"
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 50' 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	3,000	42'	9 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. Winnemucca NV, 89445 (Contractor)
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* # 2155
Signed (By driller performing actual drilling on site or contractor)
Date 8/25/2010

(Rev. 06-06)

USE ADDITIONAL SHEETS IF NECESSARY