ORIGINAL

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

OFFICE USE ONLY
Log No. 113374
Permit No.
Basin 059

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. 66653 (i)

1. OWNER BAKER HUGHES
MAILING ADDRESS P.O.BOX 277 BATTLE MOUNTAIN NV, 89820

ADDRESS AT WELL LOCATION ARGENTA MINE MW-1
Subdivision Name: County: Lander

2. LOCATION NE ¼ SW ¼ Sec 18 T 31N N/S R 47 E
PERMIT/WAIVER No. NVN-089286 (Issued by Water Resources) NVN-089334 Parcel No.

Latitude ~~40° 33.436 N~~ 40°33'26.72"
Longitude ~~116° 42.284 W~~ 116°43'17.71"
NO1 COORDS
UTM ☐ 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
GRAVEL		0'	30'	30'
BROWN FRACTURED ROCK		30'	70'	40'
GREY ROCK		70'	100'	30'
BLACK SHALE		100'	140'	40'

RECEIVED 2011 MAR 11 AM 10:40 STATE ENGINEER'S OFFICE

40.557508°N NAD27 D.D.
116.720661°W

Date started: 24-Feb, 20 11
Date completed: 24-Feb, 20 11

9. WELL CONSTRUCTION
Depth Drilled 140' Feet Depth Cased 135' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12"	Inches	0'	Feet	20'	Feet
8"	Inches	20'	Feet	140'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8"		.188"	+2'	20'
2"		SCH. 40	+2'	135'

Perforations:
Type of perforation SCREEN
Size of perforation 0.020"
From 95' feet to 135' 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 20' ☒ Pumped ☐ Poured
☐ Cement Grout 0' to 90' ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 90' to 140' ☐ Pumped ☒ Poured
Type: BCJ 8X16
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 100' 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)

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 (By driller performing actual drilling on site or contractor)
Date 3-1-11

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

MMH-(F)