STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Plugging Log

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

OFFICE USE ONLY
Log No. 102668
Permit No.
Basin 022

NOTICE OF INTENT NO. 58340

1. OWNER: United States Gypsum
MAILING ADDRESS: PO Box 130 Empire NV. 89405

ADDRESS AT WELL LOCATION: Empire
USGS Site Name = 022 N31 E23 13BB
N40.574052 W119.329788 NAD83

2. LOCATION NW¼ NW ¼ Sec 13 T 31 N/S R 23 E
PERMIT/WAIVER No. 74819 / W-596 (Issued by Water Resources) WL 060218 Parcel No.

Latitude N40.57415
Longitude W119.32877
Subdivision Name: San Emido Desert
UTM E
N
☒ NAD 27 ☐ NAD 83/WGS 84
County: Washoe

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
Cobbles and clay		0	30	30
Clay		30	85	55
Volcanic Basalt		85	107	22
Basalt and clay		107	145	38
Basalt		145	225	80
Clay - white with some sand		225	275	50
Gray clay with sand		275	300	25
Volcanic clay with sand		300	450	150
Sand with light clay		450	620	170
Clay - with small layers of sand		620	765	145
Basalt		765	775	10
Basalt and clay		775	925	150
Harder basalt		925	935	10
Shale and clay		935	950	15
Basalt and clay		950	990	40
Red volcanic with some clay		990	1030	40
Red volcanic		1030	1100	70
This hole was abandoned with bentionte and cement				

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Date started 12/4/2006 , 20
Date completed 12/9/2006 , 20

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

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

8. WELL CONSTRUCTION
Depth Drilled 1100 Feet Depth Cased 0 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
8 Inches	0 Feet	1100 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
N/A				

Perforations:
Type of perforation N/A
Size of perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 1100
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☐ Yes ☒ No
From feet to.. feet

9. WATER LEVEL
Static water level 290 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature °F Quality

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. 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* 1713
Signed Judi Leach, Office (By driller performing actual drilling on site or contractor)
Date 12/12/06

(Rev. 12-05)

USE ADDITIONAL SHEETS IF NECESSARY