ASG-05

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

OFFICE USE ONLY
Log No. 118916
Permit No.
Basin 087

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. 70779

1. OWNER WASHOE COUNTY
MAILING ADDRESS 4930 ENERGY WAY RENO, NV

ADDRESS AT WELL LOCATION ALLEY SOUTH OF PRADER EAST OF 19th
Subdivision Name: County:

2. LOCATION SW ¼ SW ¼ Sec 5 T 19 N/S R 20 E
PERMIT/WAIVER No. CITY ROW
Issued by Water Resources Parcel No.

Latitude 39° 32' 12"
Longitude 119 46' 7"
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 SONIC

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SEE ATTATCHED LITH LOG				
NAD27 39.53666 70° N 119.76461 11° W				

RECEIVED 2013 JUL 11 AM 11:47 STATE ENGINEERS OFFICE

Date started: 6-24, 20 13
Date completed: 6-24, 20 13

7. Water Level
Static water level: Ø feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

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

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

9. WELL CONSTRUCTION
Depth Drilled 15 Feet Depth Cased 15 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6	Inches	0	Feet	15	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2		SCH 80 PVC	0	10

Perforations:
Type of perforation ~~.020~~ FACTORY SLOT
Size of perforation .020
From 10 feet to 15 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☒ Concrete Grout 6 to 1 ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 15 to 8 ☐ Pumped ☒ Poured
Type: 10x20 SILICA / #60 TRANS.
Bentonite Chips: ☒ Yes ☐ No 8 to 6 ☐ Pumped ☒ Poured
Type: MEDIUM CHIPS

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name BOART LONGYEAR
Contractor
Address 7103 W. AUGUSTA AVE
Contractor
GLENDALE, AZ
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2434 M
Signed [signature]
By driller performing actual drilling on-site or contractor
Date 6-24-13

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627

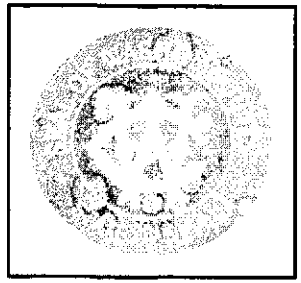
CTMRD PROGRAM MONITORING WELL STRATIGRAPHIC LOG

Drilling Specifications:

Drilling Contractor: Boart Longyear
Drilling Method: Rotosonic
Rig: Sonic
Driller: Ken Phillips
Boring Diam.: 6 in TD: 16 ft
Development Method: N/A
Date Start: 6/24/13 End: 6/24/13

Well Specifications:

Location Description: 19th St / Rice
Coordinates: _____ ft N _____ ft E
Elevation: _____ ft Survey Method: _____
Reference Pt. Description: _____
Well TD: 15.0 ft bgs Well Diameter: 2" in
Screen Interval: 15-10 ft bgs
First Water: N/A ft bgs Static Water at completion: N/A ft bgs



WELL ID: ASG-DS-5
Project: 12081010
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LOGGED BY: Brad Vance

Depth	Density/ Consistancy	Moisture	Plasticity	Cohesiveness	Transmissivity	Color	Boulder %	Cobble %	Gravel %	Sand %	Silt %	Clay %	USCS Classification	Weathering/ Oxidization	Grading	Angularity	Matrix/Clast-Supported	Clast Lithology	Sedimentary Structure	Depositional Environment	Stratigraphic Contact	PID/Samples	Lithology
0																							
	L	m	NP	NC	H	2/5Y	0	15	55	30	0	0	GW	N/A	WG	SR	C	V-100	N/A		6	N/A	
5	L	M	NP	NC	H	5/25Y	0	10	65	20	5	0	GW	–	WG	SR	M	V-90 O-10	m	FLUV	6	17	
	L	m	NP	NC	H	4/2.5YR	0	5	75	20	0	0	GW	–	WG	SR	C	B-80 G-10 O-10	m	FLUV	6	34	
10	L	m	NP	NC	H	3/2.5YR	0	10	70	15	5	0	GW	–	WG	SR	C	O-30 A-50	m	FLUV	6	33	
	L	m	NP	NC	H	3/10YR	0	35	55	10	0	0	GW		WG	SR	C	R-20 B-30 R-25	m	FLUV	6	35	
	L	m	NP	NC	H	3/10YR	0	40	45	15	0	0	GW	–	WG	SR	C	O-45 R-40 B-60	m	FLUV	6	34	
15	L	m	NP	NC	H	4/2.5YR	0	10	65	25	0	0	GW	–	WG	SR	C	V-100	m	FLUV	6	24	
20																							
25																							
30																							

Description

Note: Description section to be used to complement and provide additional information to supplement column descriptors to the left, identify any samples collected, and describe any particulars associated with drilling behavior.

Hand drill to 4'

V= assorted volcanics

TD= 16'