STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 104850
Permit No.
Basin 180

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. **61461**

1. OWNER **So. NV Water Authority** **180W-103**
MAILING ADDRESS **1900 E. Flamingo Rd., Ste. 107**
Las Vegas, NV 89119

ADDRESS AT WELL LOCATION **Cave Valley**
12 miles west of Pony Springs, NV
Subdivision Name: **N/A** *County:* **Lincoln**

2. LOCATION **NE¼SW¼** Sec**19**T**6**N/ R**64**E
PERMIT/WAIVER NO. **N/A**
Issued by Water Resources Parcel. No.

Latitude 38.364691
Longitude 114.827507
UTM E **689806** ☒ NAD 27
N **4248307** ☐ NAD 83/WGS 84

3. WORK 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
Brown & Grey Rock with Clay		**0'**	**420'**	**420'**
Grey & Black Rock w/Calcite		**420'**	**912'**	**492'**
and Traces of Red Rock				

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Date started: **17-Oct**, 20 **07**
Date completed: **03-Nov**, 20 **07**

9. ***WELL CONSTRUCTION***

Depth Drilled **912** Feet Depth Cased **900** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
38.0 Inches	**0** Feet	**60** Feet
26.0 Inches	**60** Feet	**912** Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
32.0	**168.21**	**.50**	**0**	**60**
20.0	**67.80**	**.3125**	**+2**	**900**

Perforations:
Type of perforation **Full Flow Louvered**
Size of perforation **.125**
From **217** feet to **900** 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 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 912' ☐ Pumped ☒ Poured
Type: **SRI 3/8 x 3/4**
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. *Water Level*
Static water level: **143.3** feet below land surface
Artesian Flow: **N/A** G.P.M. **N/A** P.S.I
Water Temperature: **68** °F
Quality: **Good**

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
500	**50**	**1.0**

STATE ENGINEER'S OFFICE
2007 NOV 13 AM 11:55
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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 Drilling Services** (CONTRACTOR)
Address **P.O. Box 5279** (CONTRACTOR)
Elko, Nevada **89802**
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* **2319**
Signed
By driller performing actual drilling on site or contractor
Date **08-Nov-2007**

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