STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 104490
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. 61460

1. OWNER Southern NV Water Authority 180W-504M
MAILING ADDRESS 1900 E. Flamingo Rd., Ste. 107
Las Vegas, NV 89119

ADDRESS AT WELL LOCATION Cave Valley, 12 mi. W of Pony Springs, NV
Subdivision Name: N/A County: Lincoln

2. LOCATION ~~NE~~ SW ¼ ~~SW~~ NE ¼ Sec 19 T 6 N/ R 64 E
PERMIT/WAIVER NO. N/A
Issued by Water Resources Parcel. No.

Latitude 689778 UTM E ☒ NAD 27
Longitude 4248402 N ☐ 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 Flooded Reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Brown Rock w/Clays		0'	500'	500
Black & Brown Rock w/Calcite		500'	893'	393

N 38.365552
W 114.827801 NAD27

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JAN 10 2008

Date started: 07-Oct- , 20 07
Date completed: 16-Oct- , 20 07

7. Water Level
Static water level: 142.8 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: 63 °F
Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
124	N/A	1.0

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9. WELL CONSTRUCTION
Depth Drilled 893 Feet Depth Cased 884 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
19 Inches	0 Feet	80 Feet
12.25 Inches	80 Feet	893 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14.0	36.71	.25	0	80
6.625	17.02	.25	+2	884

Perforations:
Type of perforation Slotted
Size of perforation .100
From 158 feet to 884 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 893' ☐ Pumped ☒ Poured
Type: 5/8" SRI
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

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 89802-5279
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 16-Oct-07

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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