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

OFFICE USE ONLY
Log No. 101633
Permit No.
Basin 139

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

1. Owner Idaho General Mines Inc.
1770 State Road 278 Eureka NV 89316

Address at well 1770 State Rd.278 Eureka, NV 57721

2. Location NW 1/4 NW 1/4 Sec 7 21N 52E
MO-1413
[redacted]
UTM E 570918 ☐
N 4395406 ☒ NAD 83

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 | | From | To | Thickness |
|---|---|---|---|---|
| Silty sand | | 0 | 20 | 20 |
| Gravelly sand | | 20 | 50 | 30 |
| Gravel | | 50 | 60 | 10 |
| Sandy gravel | | 60 | 100 | 40 |
| Gravelly sand | X | 100 | 230 | 130 |
| Sand and gravel | X | 230 | 340 | 110 |
| Sand with minor gravel | X | 340 | 570 | 230 |
| Sand with fine gravel | X | 570 | 630 | 60 |
| Gray sand with trace gravel | X | 630 | 1050 | 420 |
| Gray sand | X | 1050 | 1313 | 263 |

2006 OCT 16 PM 12:51

N 39.705852
W 116.170372 NAD27

Plugged under NOI 61315

11-Aug , 20 06
11-Sep , 20 06

9. Well Construction
Depth Drilled 1313 Feet Depth Cased 300 Feet

Hole Diameter

| | | From | | To | |
|---|---|---|---|---|---|
| 18 | Inches | 0 | Feet | 50 | Feet |
| 10 | Inches | 50 | Feet | 300 | Feet |
| 6.25 | Inches | 300 | Feet | ~~1313~~ | Feet |

Casing Schedule

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 14 | | | -1 | 50 |
| 5.5 | | Sch. 80 PVC | -2 | 300 |
| | | | | |

Perfs
Type of perforation Factory slotted
Size of perforation 0.050 inch
From 200 feet to 280 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

☒ Yes ☐ No
☒ Neat Cement 0 to 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 300 to 1313 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 190 to 300 ☐ Pumped ☒ Poured
Type:
Bentonite Chips: ☒ Yes ☐ No 50 to 190 ☐ Pumped ☒ Poured
Type:

7.
208 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) |
|---|---|---|---|
| 9/08/06 | 9 | 40 | 12 |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Stewart Brothers Drilling Company
Contractor
Address #8 CR3008 Aztec, NM 87410
Contractor
Nevada contractor's license number issued by the 26661
Nevada driller's license number issued by the Division of Water Resources, the 1630
Sheridan McDonald
By driller performing actual drilling on site or contractor
10/10/2006

(Rev. 05-08)
USE ADDITIONAL SHEETS IF NECESSARY