WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

OFFICE USE ONLY
Log No. 23406
Permit No.
Basin

Well #2 based on date drilled
43574

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER HOUSTON INEERNATIONAL MINERALS CORP ADDRESS 1325 SOUTH COLORADO BLVD. DENVER, COLORADO 80222

BOREALIS MINE SITE -- 17 miles southwest of Hawthorne, Nevada

2. LOCATION ~~NE~~ ¼ SE ¼ Sec. 28 T. 6 N/S R. ~~28~~ E. MINERAL County

PERMIT NO. SW4 SE4 2.29 E., MDM

3. TYPE OF WORK
2 New Well ☒ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☐ Irrigation ☐ Test ☐
Municipal ☐ Industrial ☒ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☒
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
volcanic alluvium		0	927	

Date started May 2, 19 81
Date completed May 28, 19 81

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
submersible	170	232	72

BAILER TEST
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION
Diameter hole 12¼ inches Total depth 927 feet
Casing record 8 5/8" o.d. x .277 wall
Weight per foot 24.70 Thickness

Diameter	From	To
12¼ inches	+1 feet	927 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☒ No ☐ Type cement grout
Depth of seal 50 feet
Gravel packed: Yes ☒ No ☐
Gravel packed from 50 feet to 927 feet

Perforations:
Type perforation Milled
Size perforation 1/8" x 3"
From single 228 feet to 599 feet
From double 599 feet to 699 feet
From single 699 feet to 927 feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL
Static water level 243 Feet below land surface
Flow ..... G.P.M.
Water temperature 74 ° F. Quality good

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name SAGE BROS DRILLING COMPANY, INC.
Address 1125 MOUNT ROSE STREET RENO, NV 89509
Nevada contractor's license number 7462A
Nevada driller's license number 786
Signed Ray Higginbotham
Date November 2, 1981

USE ADDITIONAL SHEETS IF NECESSARY

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