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

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 23408
Permit No.
Basin

WELL #3 BASED ON DATE DRILLED 43575

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

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

2. LOCATION ~~SW~~ ¼ SE ¼ Sec. 28 T. 6 N/S R. 28 E. MINERAL County
PERMIT NO. NW4 SE4 R29E. MDM

3. TYPE OF WORK
3 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	750	
	cont	perforations:		
	single	477	to	542
	double	542		654
	single	654		750

Date started June 2, 19 81
Date completed July 12, 19 81

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
submersible	328	68	80

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 750 feet
Casing record 8 5/8" o.d. x .277 wall
Weight per foot 24.70 Thickness

Diameter	From	To
12¼ inches	+1 feet	750 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 750 feet

Perforations:
Type perforation Milled
Size perforation 1/8" x 3"
From single 261 feet to 369 feet
From double 369 feet to 391 feet
From single 391 feet to 435 feet
From screen 435 feet to 455 feet
From double 455 feet to 477 feet

9. WATER LEVEL
Static water level 267 Feet below land surface
Flow G.P.M.
Water temperature 66 ° 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 ~~XXX~~ 786
Signed Ray N Higginbotham
Date NOVEMBER 2, 1981

USE ADDITIONAL SHEETS IF NECESSARY

5471