DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 17373
Permit No.
Basin

1. OWNER JAMES A. NEAL ADDRESS 580 CLAREMONT RENO, NEVADA

RANCHO HAVEN

2. LOCATION ¼ ¼ Sec. 21 T. 23 N/S R. 18 E. WASHOE County

PERMIT NO.

3. TYPE OF WORK
New Well [X] Recondition [ ]
Deepen [ ] Other [ ]

4. PROPOSED USE
Domestic [X] Irrigation [ ] Test [ ]
Municipal [ ] Industrial [ ] Stock [ ]

5. TYPE WELL
Cable [ ] Rotary [X]
Other [ ]

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
boulders & rock		0	51	51
clay & gravel		51	61	10
granite		61	71	10
sand & gravel		71	83	12
granite		83	91	8
sand & boulders	XX	91	114	23
sand & gravel	XX	114	138	24
granite		138	143	5

Date started DECEMBER 7, 19 77
Date completed DECEMBER 21, 19 77

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST
G.P.M. 17 Draw down 4 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 143 feet
Casing record 8 5/8" od x 188 wall
Weight per foot 16.94 Thickness

Diameter	From	To
12¼ inches	0 feet	143 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes [X] No [ ] Type cement
Depth of seal 50 feet
Gravel packed: Yes [X] No [ ]
Gravel packed from 50 feet to 143 feet

Perforations:
Type perforation Milled
Size perforation 1/8" x 3"
From 82 feet to 143 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 51 Feet below land surface
Flow 17 G.P.M.
Water temperature 56 ° 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 1500 RANGER ROAD RENO, NV 89506

Nevada contractor's license number 7462A

Nevada driller's license number 774

Signed H. L. Sage

Date DECEMBER 30, 1977

USE ADDITIONAL SHEETS IF NECESSARY

5471