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

Permit # 46795

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 24893
Permit No.
Basin

PRINT OR TYPE ONLY (Keith J. Bantz)

SEC 23cccc

NOTICE OF INTENT NO. 2776

1. OWNER Sierra Geothermal System
MAILING ADDRESS William E Nock
1026 West First St Reno, Nev

ADDRESS AT WELL LOCATION
2820 Moana Ln Reno Nev

2. LOCATION SW ¼ SW ¼ Sec. 23 T 19 N/S R 19 E Washoe County

PERMIT NO. 46795 ~~40145~~ Issued by Water Resources | Parcel No. | Subdivision Name

3. TYPE OF WORK
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
white clay		0	26	26
Br. clay		26	35	
multi color clays		35	175	
gray clay		175	375	
multi colored clay		374	403	
grey clay mixed with green sand		403	421	
hard packed sand w/ red cinder		421	430	9
sandy clay		430	433	3
hard packed sand w/ brown cinders				
mixed		433	436	3
multi colored clay w/ sand		436	510	74
sticky clay (grey)		510	520	10
sandy clay		520	565	45
cemented sand		565	576	11
sandy clay		576	586	10
gravely area		586	588	2
sand & gravel		588	592	6
sandy clay		592	647	55
soft multi colored clay		647	691	
Vulc. ash w/ Black wood type mat		691	738	

Date started Aug 18, 1983
Date completed Sept. 11 1983

7. WELL TEST DATA

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

BAILER TEST

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

8. 9 7/8 WELL CONSTRUCTION
Diameter hole 15 1/2 inches Total depth 895 feet
Casing record
Weight per foot ..... Thickness .250

Diameter	From	To	
inches	feet	feet	
10 3/4 inches	0 feet	586 feet	solid
inches	feet	feet	
8 5/8 inches	558 feet	739 feet	solid
inches	feet	feet	
8 5/8 inches	889 feet	892 feet	solid

Surface seal: Yes ☐ No ☐ Type Pumped Neat Cement
Depth of seal 586 feet
Gravel packed: Yes ☐ No ☑
Gravel packed from ..... feet to ..... feet

Perforations:
Type perforation Johnson Hi cap Screen
Size perforation .250
From ..... feet to ..... feet
From 739 feet to 889 feet screen
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL
Static water level 126 feet below land surface
Flow approx 200 G.P.M. ..... P.S.I.
Water temperature 180 °F. Quality unknown

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

Name Paul Williams & Sons
Contractor
Address 22 So. Patterson Pl. Sparks Nev.
Contractor
Nevada contractor's license number 14483
Nevada contractor's drillers number 957
Nevada driller's license number 957
Actual Driller
Signed Paul E. Williams
Contractor
Date Sept 18, 1983

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 6-81) O-627 CR434

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NOTICE OF INTENT NO. 2776

1. OWNER Sierra Geothermal System
MAILING ADDRESS William E. Park Inc. 1026 West First St Reno, Nev.
ADDRESS AT WELL LOCATION 2820 Moana Lane Reno, Nev

2. LOCATION SW ¼ SW ¼ Sec. 23 T. 19 N/S R. 19 E. Washoe County
PERMIT NO. 46795 (Issued by Water Resources) | Parcel No. | Subdivision Name

3. Geo. TYPE OF WORK
New Well ☑ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☐ Irrigation ☐ Test ☐
Municipal ☑ Industrial ☐ Stock ☐
Guage

5. TYPE WELL
Cable ☐ Rotary ☑
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
grey sticky clay		738	768	30
shale type material		768	777	9
Dark brown wood like material				
clay layers		777	794	17
Multi color volcanic ash		794	817	23
sandy clay		817	827	10
clay & black coal wood layers		827	841	14
hard packed sand		841	844	3
sandy grey clay		844	853	9
hard brown sandy type material		853	863	10
Black coal material & sand		863	877	14
soft fractured volc. rock		877	893	16
solid green stained rock		893	895	2

Date started Aug. 18, 1983
Date completed Sep. 11, 1983

7. WELL TEST DATA

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

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 ..... inches Total depth ..... feet
Casing record .....
Weight per foot ..... Thickness .....

Diameter	From	To
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☐ No ☐ Type .....
Depth of seal ..... feet
Gravel packed: Yes ☐ No ☐
Gravel packed from ..... feet to ..... feet

Perforations:
Type perforation .....
Size perforation .....
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL
Static water level ..... feet below land surface
Flow ..... G.P.M. ..... P.S.I.
Water temperature ..... ° F. Quality .....

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Paul Williams & Sons (Contractor)
Address 22 So Patterson Pl Sparks Nev (Contractor)
Nevada contractor's license number 14483
Nevada contractor's drillers number 957
Nevada driller's license number 957
Signed Paul E Williams (Actual Driller / Contractor)
Date Sept 18, 1983

USE ADDITIONAL SHEETS IF NECESSARY

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