

Log No. 17060  
 Permit No. \_\_\_\_\_  
 Basin \_\_\_\_\_

**WELL DRILLERS REPORT**

Please complete this form in its entirety

1. OWNER Gary Rand ADDRESS 1449t Rim Rock  
Reno, Nevada 89511

2. LOCATION 1/4 NE 1/4 Sec 31 T. 17N N/S R. 20 E Washoe County  
 PERMIT NO. 3060 Chipmunk & Gopher

3. TYPE OF WORK  
 New Well  Recondition   
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation  Test   
 Municipal  Industrial  Stock

5. TYPE WELL  
 Cable  Rotary   
 Other  AIR

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Loose brown sands		0	15	15
Brown decomposed granite sand & brown clays		15	25	10
Brown decomposed granite sand & brown clays		25	50	25
Gray rock w/ white clay		50	75	25
Gray granite rock fractured		75	100	25
Gray granite rock hard		100	120	20
Gray granite		120	125	5
Gray granite w/ white broken rock		125	150	25
Gray granite w/ brown & white rock med to hard		150	175	25
Decomposed granite sand white brown some fractures very slow drilling		175	200	25
Decomposed granite sand white brown & some black fractured rock drilling slow		200	225	25
Gray rock w/ green & black rock med to hard		225	250	25
Gray rock w/ green & black mixed in		250	275	25
Granite brown black white some fractures very hard slow drilling		275	300	25

8. WELL CONSTRUCTION

Diameter hole 6 inches Total depth 450 feet  
 Casing record 0 - 217' x 6.4/80D  
 Weight per foot 12.89 Thickness 188

Diameter	From	To
<u>10</u> inches	<u>0</u> feet	<u>50</u> feet
<u>8 1/2</u> inches	<u>50</u> feet	<u>217</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes  No  Type transit mix  
 Depth of seal 50' feet  
 Gravel packed: Yes  No   
 Gravel packed from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Perforations:  
 Type perforation factory mill slot  
 Size perforation 1/8 x 2 1/2"  
 From 150 feet to 210 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Test Hole

Date started 9-14-77, 19\_\_\_\_\_  
 Date completed 9-21-77, 19\_\_\_\_\_

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
AIR BLOWN:	3.75 GPM	@ 225' depth	

9. WATER LEVEL

Static water level 80' Feet below land surface  
 Flow \_\_\_\_\_ G.P.M.  
 Water temperature cold °F. Quality not tested

10. DRILLERS CERTIFICATION

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

Name W.L. McDonald & Co., Inc.  
 Address P.O. Box 404; Sparks, NV 89431  
 Nevada contractor's license number 9757  
 Nevada driller's license number 923

Signed E. Mondragon by W.L. McDonald  
 Ed Mondragon by: W.L. McDonald  
 Date 26 September, 1977

BAILER TEST

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

**WELL DRILLERS REPORT**

Please complete this form in its entirety

1. OWNER Gary Rand ADDRESS 14495 Rim Rock  
Reno, Nevada 89511

2. LOCATION 1/4 1/4 Sec. T. N/S R. E. Washoe County  
 PERMIT NO. 3060 Chipmuck & Gopher

3. TYPE OF WORK  
 New Well  Recondition   
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation  Test   
 Municipal  Industrial  Stock

5. TYPE WELL  
 Cable  Rotary   
 Other  AIR

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Granite brown black white				
very few fractures harder				
slower drilling		300	325	25
Gray to purple rock drill				
little faster about 1 hr to				
1, to 20 min		325	350	25
No change gray to purple				
granite back pressure 175-				
200		350	375	25
A little harder gray to pur-				
ple		375	400	25
White gray & black rock				
drilling slow some frac-				
tures		400	425	25
White gray & black rock				
drilling slow some fracture				
no water		425	450	25

8. WELL CONSTRUCTION

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

Diameter	From	To
.....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

Date started....., 19.....  
 Date completed....., 19.....

7. WELL TEST DATA

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

9. WATER LEVEL

Static water level.....Feet below land surface.....  
 Flow.....G.P.M.....  
 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.....  
 Address.....  
 Nevada contractor's license number.....  
 Nevada driller's license number.....  
 Signed.....  
 Date.....

BAILER TEST

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