Washoe County Permit #5445

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 50249
Permit No.
Basin 87

NOTICE OF INTENT NO. 29240

1. OWNER John Snatic
MAILING ADDRESS 13135 Fellowship Way
Reno, NV 89511

ADDRESS AT WELL LOCATION Timberline

2. LOCATION SE ¼ NW ¼ Sec. 34 T. 18N N/S R. 19 E. Washoe County
PERMIT NO. (Issued by Water Resources) Parcel No. 49-060-29 Subdivision Name

3. WORK PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

4. PROPOSED USE
[XX] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [ ] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [X] Rotary [ ] RVC
[XX] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Brown sand-clay-boulders		0	60	60
Granite/Quartz		60	230	170
Soft-possible brown clay		230	265	35
Granite & quartz w/ valcanics & water stain	XX	265	308	43
Some signs of water from 120' to bottom-				
Re-entered well to deepen due to sustained flow of only 10 gpm. Deepened well to 401'.				
Multi-colored rock		308	330	22
Fracture-		330	331	1
Multi-colored rock with fine sands		331	401	70
water picked up 360-380				

Date started 7-28 & 8-31, 19 95
Date completed 8-2 to 9-1, 19 95

7. WELL TEST DATA
TEST METHOD: [ ] Bailer [X] Pump [XX] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Before	20± ?		2
After	40+	Air	2
	34	135' pumped 2 hours	

8. WELL CONSTRUCTION
Depth Drilled ~~308~~ 401 Feet Depth Cased ~~308~~ 401 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
9 7/8	Inches	0	Feet	308	Feet
6 1/8	Inches	308	Feet	401	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8	12.94	.188	+1	308
5	9.44	.188	296	401

Perforations:
Type perforation ~~XXX~~ FACTORY ~~XXX~~
Size perforation 3/32 x 3 single row
From 208 feet to 228 feet
From 288 feet to 308 feet
From 5" feet to feet
From 361 feet to 401 feet
From feet to feet

Surface Seal: [X] Yes [ ] No
Depth of Seal 100'
Placement Method: [ ] Pumped [XX] Poured
Seal Type: [ ] Neat Cement [X] Cement Grout [ ] Concrete Grout

Gravel Packed: [X] Yes [ ] No
From 100 feet to 308 feet

9. WATER LEVEL
Static water level ~~XXX~~ ~~XX~~ 65' feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature cold °F Quality not tested

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

Name MacKay Pump & Geothermal, Inc. (Contractor)
Address 1600 Mt. Rose Hwy. (Contractor)
Reno, NV 89511

Nevada contractor's license number issued by the State Contractor's Board 23096
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1719

Signed R. Bruce MacKay (By driller performing actual drilling on site or contractor)
Date ~~8-8-'95~~ 9-5-'95

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627