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WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 23017

1. OWNER Doug & Barbara Rowland ADDRESS AT WELL LOCATION _____
 MAILING ADDRESS 3267 Barbara Cr 722 En Canto
Reno, Nv 89502 Parcel A Map 1734

2. LOCATION NW SW 1/4 Sec. 9 T. 21 N/S R. 21 E. Washoe County
 PERMIT NO. 076-300-20 - Spanish Springs
 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED New Well Replace Recondition
 Deepen Abandon Other _____

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

5. WELL TYPE Cable Rotary RVC
 Air Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Overburden		0	2	2
Soft D.G.		2	18	16
Orange brown clay & D.G. & volcanic rock		18	78	60
Brown clay & volcanic rock		78	95	17
Soft pink color volcanic rock		95	108	13
Multi color volcanic rock & little brown clay		108	115	7
Gray & brown clay multi-colored sands		115	170	55
Gray clay & clay stone & volcanic rock		170	210	40
Hard multicolored volcanic rock		210	295	85
Brown gray clay volcanic rock & D.G.		295	350	55
Gray clay & clay stone gray sands mixed in		350	389	39
Gray clay & clay stone some black volcanic rock		389	399	10
Gray clay & clay stone multicolored volcanic sands		399	435	36
Gray clay & clay stone red volcanic rock		435	463	28

8. WELL CONSTRUCTION
 Depth Drilled 835 Feet Depth Cased 828 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
<u>10 5/8</u>	<u>0</u>	<u>50</u>	<u>Feet</u>
<u>8 1/2</u>	<u>50</u>	<u>619</u>	<u>Feet</u>
<u>6</u>	<u>619</u>	<u>835</u>	<u>Feet</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6 5/8</u>	<u>12.92</u>	<u>.188</u>	<u>+ 1</u>	<u>619</u>
<u>5</u>	<u>9.62</u>	<u>.188</u>	<u>608</u>	<u>828</u>

Perforations:
 Type perforation factory
 Size perforation 3/32 X 3
 From 6 5/8" 557 feet to 597 feet
 From 5" 788 feet to 808 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 50 Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
 From 50 feet to 619 feet

9. WATER LEVEL
 Static water level 311 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature cold °F Quality clear

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Aqua Drilling & Well Service, Inc
 Address 625 Spice Islands Dr Suite L
Sparks, Nv 89431
 Nevada contractor's license number 15291
 issued by the State Contractor's Board
 Nevada driller's license number issued by the 1804
 Division of Water Resources, the on-site driller.
 Signed Roger M. Thrall
 By driller performing actual drilling on site or contractor
 Date Roger M. Thrall 4/19/93

CONTINUED OVER
 Date started 4/8/93 _____ 19_____
 Date completed 4/13/93 _____ 19_____
 7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>6 to 7</u>		<u>2 1/2</u>

Gray clay & clay stone green volcanic rock	463	495	32
Black rock little granite	495	520	25
Green volcanic rock & white chunks	520	620	100
Green & little green volcanic rock	620	650	30
Combo black & green volcanic rock - sands	650	835	185

T.D. 835 feet

'93 MAY 25 AIO '51

STATE ENGINEERS OF ILL.