



Smith Valley Drilling
Phil Brown
83 Hudson Aurora
Smith, NV. 89430

Nevada Division of Water Resources
123 W Nye Lane
Carson City, NV. 89706
Attn: Matt Dillon

October 14, 1996

Dear Mr. Dillon;

I feel I should further explain this log and the work done on this well. The customer only wanted to have cold water and said he didn't need much of it. I drilled a pilot hole 7 7/8 inches to 140 feet. I redrilled a 12 1/4 inch hole to 140 feet. The customer and I agreed to case the hole at 140 feet. I blew on the well for 5 hours. The well did not make much water so I suggested to put a pump down the well and test pump it. The well would pump for 14 minutes at 10 gallons per minute and then it would break suction. The recharge was a foot a minute up to 64 feet. I had the water clear enough so that I was drinking the water from the well.

The customer was not happy about the amount of water so he asked me if I could deepen it. I said I did not guarantee air mailing 6 inch casing down the hole. I deepened it from 130 feet to 220 feet, and I air mailed the 100 feet of pipe and it made it out the bottom approximately 20 feet. I told the customer that it did not make it and that I would go down the hole and try to develop it. I pumped about 3000 gallons of fresh water to clear it but, all I could do is make the well make sand.

There was no contract written up for this well, everything was verbal. I had done several wells for Mr. Oxsen and I felt it wasn't necessary. I was paid only for the casing. I also went back and measured the wells depth, it was 108 feet.

If I can answer any further questions, please, don't hesitate to call me at 465-2974.

Sincerely,

Phil Brown

OFFICE USE ONLY
 Log No. _____
 Permit No. _____
 Basin. 107

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

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. _____

1. OWNER Joe Garbal ADDRESS AT WELL LOCATION 20 Valley View DR
 MAILING ADDRESS P.O. Box 32 Wellington, Nev. 89444
 2. LOCATION NE 1/4 NE 1/4 Sec 11 T 10 N R 23 E Lyon County
 PERMIT NO. 10-661-09 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
Open Hole		0	112	112
Fill in Pipe-Rocks		112	130	18
Fill in Pipe-Sand-Clay		130	138	8
Clay + Rock		138	150	12
Coarse Sand-Rock	X	150	165	15
Clay-Rock		165	170	5
Coarse Sand-Rock	X	170	190	20
Clay-Rock		190	193	3
Coarse Sand-Rock	X	193	197	4
Old well 8 3/8"				
138' Deep				
50' Seal				

8. WELL CONSTRUCTION
 Depth Drilled 197 Feet Depth Cased 198 Feet
 HOLE DIAMETER (BIT SIZE)
2 7/8 Inches From 138 Feet To 197 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6 3/8</u>	<u>12.92</u>	<u>.188</u>	<u>+1</u>	<u>197</u>

Perforations:
 Type perforation Sawed
 Size perforation 3 1/2 x 3" x 6 Rows
 From 112 feet to 137 feet
 From 137 feet to 197 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout
 Depth of Seal _____
 Placement Method: Pumped Poured
 Gravel Packed: Yes No
 From 0 feet to 197 feet

9. WATER LEVEL
 Static water level 92' feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature Warm °F Quality Good

Date started 12-7 1993
 Date completed 12-14 1993

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
<u>AIR LIFT</u>	<u>20</u>	<u>180' Air Line</u>	<u>1 HRS</u>
<u>Bailed</u>	<u>20</u>	<u>8</u>	<u>1/2 HRS</u>

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Ogden Bros Drilling Contractor
 Address 162 N. By Bee Lane Contractor
Wellington Nev 89444
 Nevada contractor's license number issued by the State Contractor's Board 15646
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 634
 Signed Joe Garbal
 By driller performing actual drilling on site or contractor
 Date 11-22-94