

OFFICE USE ONLY
 Log No. 4135713
 Permit No. _____
 Basin 7-92V

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. 23262

1. OWNER Tom & Linda Sifling ADDRESS AT WELL LOCATION _____
 MAILING ADDRESS 11845 Fir Drive _____
Reno, Nevada _____
 2. LOCATION NE 1/4 NW 1/4 Sec 15 T 21 N/S R 19 E Washoe County _____
 PERMIT NO. N/A 080-383-07 _____
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	Thickness
In an attempt to deepen the existing 6" well, we encountered a liner which from an impression on the face of the 6" dia. hammer bit led us to believe the liner was about 5" O.D. We then attempted to wedge a bit sub measuring about 43/4" O.D. into the liner, but could not get inside it and only succeeded in crumpling the top of the liner down from 100' to 105'. We then tried to drill the liner out with the hammer but only mashed down another 5' to 110'. Then we tried to drill it out with a 6" tri-cone (mill tooth) bit but only advanced another couple of feet in an hour of drilling. Deciding this procedure to be impractical and cost prohibitive to the client we decided to abandon the well and drill a new one. We tried to pull the 6" casing with 33,000 Lbs. pull but did not budge it. So we perforated it from top to 100' then set 1 1/2" galvanized tremmie pipe as far down as it would go (112'). We then pumped 20 sacs of neat cement in and let set overnight. The next day we found bottom at 103'. Using 50lb. Sac of quick gel, and a mixture of 30 Lbs./45 gal. water with a total of 1.5 sacs we broke circulation. We then pulled the tremmie pipe up to the 52' level and mixed 10 sacs of Portland type II cement with 60 gal. of water and circulated the neat cement over the top of casing. Next morn. there was no shrinkage.				

8. WELL CONSTRUCTION

Depth Drilled _____ Feet Depth Cased _____ Feet

HOLE DIAMETER (BIT SIZE)

From	To
6 Inches	_____ Feet _____ Feet
_____ Inches	_____ Feet _____ Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:

Type perforation Mechanical
 Size perforation 1/4 X 1
 From 0 feet to 1 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 _____ feet to _____ feet

9. WATER LEVEL

Static water level 180 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

Date started 9-21-93, 19____
 Date completed 9-27-93, 19____

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
0		

DRILLER'S CERTIFICATION

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

Name EMDLCO Contractor
 Address P.O. Box 8056 Contractor
Reno, Nevada 89507
 Nevada contractor's license number issued by the State Contractor's Board 32166
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1418
 Signed Russ Miller
 By driller performing actual drilling on site or contractor
 Date 10-20-93