

Log No. 71327
 Permit No. 104
 Basin. _____

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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. 37842
 SOUTHWEST GAS CORPORATION

Consultant: SUMMIT ENVIROSOLUTIONS Client: ADDRESS AT WELL LOCATION
 1. OWNER: SUMMIT ENVIROSOLUTIONS 250 So. Carson Street
 MAILING ADDRESS: 1475 Terminal Way, Suite B Carson City, Nevada 89701
Reno, Nevada 89502
 2. LOCATION: NE 1/4 NW 1/4 Sec 29 T. 15N N/S R. 20 E Carson City County
 PERMIT NO. M/O 701 A & B SVE 9-111-07 Carson City
 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
Static Water Level: 9 feet				
Total Depth: 21 feet				
1. Measure SWL & TD				
2. Glue threaded adapter to existing casing				
3. Set tremie pipe to bottom of casing				
4. Pump neat cement from bottom to surface approx 3/4 sack				
5. Pull tremie, fill casing & attach from cement pump directly to casing				
6. Pump cement @100 PSI squeezing cement through perforation into surrounding formation, approx 3/4 sack				
When pressure increases, discontinue pumping				
Equipment:				
High pressure cement pump & mixer				
3/4" dia tremie pipe				
Materials:				
Approx 1 1/2 sacks Portland Cement Type II				
Location:				
Approx 25 feet South of Ben Franklin Craft Store in parking lot				
1 well in a group of 14 wells				
Soil Vapor Extraction Wells				

8. WELL CONSTRUCTION

Depth Drilled _____ Feet Depth Cased _____ Feet

HOLE DIAMETER (BIT SIZE)

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

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2 1/2"</u>				

Perforations:

Type perforation _____

Size perforation _____

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

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

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

Date started 2-23-98, 19____

Date completed 2-23-98, 19____

9. WATER LEVEL

Static water level _____ feet below land surface

Artesian flow _____ G.P.M. _____ P.S.I.

Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION

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

Name WAYNE DRILLING, INC. Contractor

Address P.O. BOX 12370 Contractor

RENO, NEVADA 89510

Nevada contractor's license number issued by the State Contractor's Board 0022549

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 908

Signed David L. Hedman By driller performing actual drilling on site or contractor

Date March 2, 1998