

Log No. 71506  
 Permit No. 104  
 Basin 104

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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

1. Consultant: SUMMIT ENVIROSOLUTIONS Client: SOUTHWEST GAS CORPORATION  
 1. OWNER: 1475 Terminal Way, Suite B ADDRESS AT WELL LOCATION: 250 So. Carson Street  
 MAILING ADDRESS: Reno, Nevada 89502 Carson City, Nevada 89701  
 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 MW11 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: 20 ft  |              |      |    |           |
| Total Depth: 45 ft   |              |      |    |           |
| 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   |              |      |    |           |
| 5. Pull tremie, fill casing & attach from cement pump directly to casing                     |              |      |    |           |
| 6. Pump cement @100 PSI squeezing cement through perforations into the surrounding formation |              |      |    |           |
| When pressure increases, discontinue pumping   |              |      |    |           |
| 7. Over-reamed 5 ft. & filled to ground level with concrete ( 2 sacks)                       |              |      |    |           |
| Equipment:   |              |      |    |           |
| High pressure cement pump & mixer  |              |      |    |           |
| 3/4" tremie pipe   |              |      |    |           |
| Materials:   |              |      |    |           |
| 1 1/2 sacks Portland Cement Type II  |              |      |    |           |
| 2 sacks concrete mix   |              |      |    |           |
| Location:  |              |      |    |           |
| 194 ft S of W half of Ben Franklin Cradt Store & 12 ft SW of MW1 in parking lot              |              |      |    |           |

8. WELL CONSTRUCTION

Depth Drilled.....Feet Depth Cased.....Feet

HOLE DIAMETER (BIT SIZE)

| From   |       | To    |        |
|--------|-------|-------|--------|
| Inches | Feet  | Feet  | Inches |
| .....  | ..... | ..... | .....  |
| .....  | ..... | ..... | .....  |
| .....  | ..... | ..... | .....  |

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  
 From.....feet to.....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  
 Poured

Gravel Packed:  Yes  No  
 From.....feet to.....feet

Date started.....2-24-98....., 19.....  
 Date completed.....2-24-98....., 19.....

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

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

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 0022549  
 issued by the State Contractor's Board.

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

Signed: [Signature]  
 by driller performing actual drilling on site or contractor

Date: March 5, 1998