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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

Log No. _____
 Permit No. _____
 Basin. 027

NOTICE OF INTENT NO. 37103

CONSULTANT: CDM Engineers & Constructors
 1. OWNER _____
 MAILING ADDRESS 50 W. Liberty, Suite 770
Reno, NV 89501

CLIENT: _____
 ADDRESS AT WELL LOCATION Sparks Solvent/Fuel Site
Vista Canyon Group/Sparks Terminal property and
Union Pacific RR property

2. LOCATION NE 1/4 NW 1/4 Sec. 9 T. 19N N/S R. 20 E
 PERMIT NO. Well# DWC-304 032-022-51
 Issued by Water Resources Parcel No.

Washoe County
Sparks, NV
 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 TUBEX

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
Moist, medium dense, c m f SAND and c m f GRAVEL, some silt, little clay.				
NOTE: boring excavated by hand from ground surface to 6 feet below ground surface.				
@10' Water added		0	15	15
As above, trace clay below 15 feet, no water added during drilling below 15'		15	18	3
Wet, medium dense, brown gray, c m f GRAVEL and c m f SAND, little silt.		18	32	14
Wet, medium dense, brown gray, c m f SAND and c m f GRAVEL, some silt.		32	38	6
Wet, medium dense, brown gray, c m f GRAVEL and c m f SAND, some silt.		38	42	4
As above, slow drilling from 42 to 45 feet		42	48	6
As above, color change to brown below 48 feet		48	50	2
As above, trace clay below 50'		50	55	5
As above, moderate water production below 55 feet.		55	60	5
Wet, medium dense, brown, c m f GRAVEL and c m f sand, trace silt.		60	65	5
As above, good water production 65-70		65	70	5
As above, some cobbles below 70'		70	75	5
As above, drilling air percolating to the surface around the borehole.		75	85	10

8. WELL CONSTRUCTION
 Depth Drilled 85 Feet Depth Cased 85 Feet
 HOLE DIAMETER (BIT SIZE)
 From 0 Feet To 85 Feet
8 5/8 Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

8. CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4" SCH 40 PVC			0	67.5
12" diameter Steel Manhole, Locking Well Cap Threaded PVC Endcap				

Perforations:
 Type perforation Factory Sawn Slot
 Size perforation 0.06
 From 73.4 feet to 83.3 feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 67.5 Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Bentonite Seal at: 67.5-69.5
 Gravel Packed: Yes No Lonestar Coarse Aquarium sand
 From 69.5 feet to 85 feet

9. WATER LEVEL
 Static water level 15 feet below land surface
 Artesian flow _____ G.P.M. n/a P.S.I.
 Water temperature _____ °F Quality not known

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, NV 89510
 Nevada contractor's license number issued by the State Contractor's Board. 22549
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller. 908
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date January 20, 2003

Date started 11-12-97, 20 _____
 Date completed 11-14-97, 20 _____

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
No test			