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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. **40371**

1. CONSULTANT: **CDM Engineers & Constructors** CLIENT: **Sparks Solvent/Fuel Site**
 MAILING ADDRESS: **50 W. Liberty, Suite 770** ADDRESS AT WELL LOCATION: **Vista Canyon Group/Sparks Terminal Property and Union Pacific RR property**
Reno, NV 89501

2. LOCATION: **SW 1/4 NE 1/4 Sec. 9 T. 19N N/S R. 20 E Washoe County**
 PERMIT NO.: **well# DWC-305 034-101-42** **Sparks, NV**
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 **Mud**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Fill material, Imported medium brown clean sand		0	6	6
Boulders @ 6' - old grade and rip rap.		6-7	1	
Fill material, dark brown clay		7-10	3	
Med. brown gravel-sand mix, well graded		10	15	5
Driller states boulders. Brownish gray gravel-sand mix, fine to coarse gravels, med. to coarse sands, subrounded to rounded, well graded, cobbles and trace silts		15-30	15	
Brownish gray gravel-sand mix, fine to coarse gravels, med. to coarse sands, subrounded to rounded, well graded, cobbles and trace silts		30	50	20
Brownish gray gravel-sand mix, fine to coarse gravels, med. to coarse sand, subrounded to rounded, well graded cobbles & trace silts		50	80	30
Driller states cobble zone		80	83	3
Brownish gray gravel-sand mix, fine to coarse gravels, med. to coarse sands, subrounded to rounded, well graded cobbles & trace silts		83	90	7
Same as above. Total depth 95', 1' slough		90	95	5

8. WELL CONSTRUCTION
 Depth Drilled **95** Feet Depth Cased **90** Feet

HOLE DIAMETER (BIT SIZE)
 From **9** Inches To **95** Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4" SCH 80 PVC			0	70

Box set in 1' of concrete, Locking cap
 End cap.

Perforations:
 Type perforation **Factory Sawn Slot**
 Size perforation **0.06**
 From **70** feet to **90** feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal **51** Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Baroid Quik-Gel Seal at: **51-54**
 Gravel Packed: Yes No **Lonestar coarse**
SRI#20 sand 54-59 feet to 59-94 + 1' slough

Date started **5-24-99**, 20 _____
 Date completed **5-26-99**, 20 _____

7. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
No test			

9. WATER LEVEL
 Static water level **11.80** feet below land surface
 Artesian flow _____ G.P.M. _____ 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 *David Halman*
 By driller performing actual drilling on site or contractor
 Date **January 21, 2003**