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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. 37860

1. **Consultant:** CDM Engineers & Constructors, Inc. **Client:** Santa Fe Pipeline
OWNER: _____ **ADDRESS AT WELL LOCATION:** Vista Canyon Group Sparks Solvent/Fuel Site
MAILING ADDRESS: 7025 Longley Lane Suite #20 Reno, Nevada 89511 **Sparks, Nevada**

2. **LOCATION:** NE 1/4 NE 1/4 Sec. 9 T. 19N N/S R. 20 E Washoe County
PERMIT NO.: ROI 1 & 2 DUAL 034-102-13 **Sparks Solvent/Fuel Site**
Issued by Water Resources Parcel No. Subdivision Name

3. **WORK PERFORMED** 4. **PROPOSED USE** 5. **WELL TYPE**

New Well Replace Recondition Domestic Irrigation Test Cable Rotary RVC
 Deepen Abandon Other _____ Municipal/Industrial Monitor Stock Air Other TUBEX

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thickness
Fill, clayey ssnds, medium brown, moist rootlets		0	15	15
Gravel-Sand mix, greyish brown, saturated, cobbles, fine to coarse gravel, medium to coarse sands, rounded to subangular, well graded, silt lenses		15	35	20
Gravel-Sand mix, Dark greish brown, saturated, cobbles, fine to coarse gravels, medium to coarse sands, rounded to subangular, well graded, silt lenses		35	38.7	3.7

NOTE: Well Construction on ROI 1
 Depth drilled 38.7 feet Depth cased 25.5 feet
 Diameter bore hole 8" TUBEX 0 to 38.7 feet
 Casing schedule 2" PVC sch 40 0 to 20 feet
 2" PVC Box end cap, 2" PVC Locking cap
 8" x 5" Steel monument
 Factory sawed slot size .060 20 to 25.5 feet
 Neat cement seal 0 to 16 feet pumped
 Bentonite seal 3/8 coated pellets 16 to 18 1/2 feet
 Filter pack #6 Coarse Aquarium 18 1/2 to 25.5 feet
 Static Water level @ 9.95 feet

8. **WELL CONSTRUCTION** NOTE: ROI 2
 Depth Drilled 38.7 Feet Depth Cased 37.5 Feet

HOLE DIAMETER (BIT SIZE)

From	To
8 Inches	0 Feet 38.7 Feet
Inches	Feet
Inches	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2" PVC		sch 40	0	32
2" PVC	Box end cap,	2" PVC	Locking cap,	
8" x 5'	Steel	Monument		

Perforations: factory sawed slot
 Type perforation _____
 Size perforation .060
 From 32 feet to 37.5 feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement Cement Grout Concrete Grout
 Depth of Seal 0 - 16
 Placement Method: Pumped Poured
 Bentonite seal 3/8 coated pellets 16-18 1/2 & 28 1/2 & 30 1/2
 Gravel Packed: Yes No Filter pack #6 coarse Aquarium
 From 18 1/2 - 28 1/2 & 30 1/2 - 38.7 feet to _____ feet

9. **WATER LEVEL**

Static water level 9.95 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, 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 *Wayne Drilling, Inc.* driller performing actual drilling on site or contractor
 Date **March 3, 1999**

Date started **January 20, 1999**, 19____
 Date completed **January 20, 1999**, 19____

7. **WELL TEST DATA**

TEST METHOD: Bailer Pump Air Lift

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