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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. 20141
Sparks Solvent/Fuel Site

Consultant: Wolverine Hydro-Search, Inc.
Client: Wolverine
MAILING ADDRESS: 5250 So. Virginia St. #280
ADDRESS AT WELL LOCATION: Sparks, Nevada 89431
Reno, Nevada 89502
2. LOCATION SW 1/4 NW 1/4 Sec. 9 T. 19N N/S R. 20 E Washoe County
PERMIT NO. M/O 396-A MW-204 In street close to corner of parcel 032-311-08
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 Tubex

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Fill, Sand (SW), medium with some silt.		0	10	10
Sand (SW), brown (7.5 YR 3/4), medium-fine backfill with rounded cobbles at 11-12'		10	12	2
Sand (SW), brown (7.5 YR 3/4), medium-fine grain with cobbles and boulders, Sands 70%, cobbles 10%		14	15	2
Gravels (GW), poorly sorted, subround 50%, rounded cobbles 30%, very coarse sand 20%, minor silts 1%, sample saturated close to 17'.		19	21	2
Water in borehole	at		23	
Sand and Gravel (SW), (7.5 YR 3/4), coarse (60-70%) rounded pebbles, cobbles (20%) fine sands to clays (less than 5%)	at		25	
Decrease clays. Same as above	at		30	
Sand with Gravel (SW), gray brown (7.5 YR 3/4), pebbles and minor cobbles.				
Same as above	at		45	
TD	at		55	

8. WELL CONSTRUCTION
Depth Drilled 55 Feet Depth Cased 53.5 Feet
HOLE DIAMETER (BIT SIZE)
From To
9 5/16 Inches 0 Feet 55 Feet
Inches Feet Feet
Inches Feet Feet
CASING SCHEDULE
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
5" PVC Sch 80 0 53.5
End Cap & Locking Cap
Perforations:
Type perforation Factory Sawn Slot
Size perforation .060
From 13 feet to 53 feet
From feet to feet
From feet to feet
From feet to feet
Surface Seal: Yes No Seal Type:
Depth of Seal 7' Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Bentonite Seal 7-10
Gravel Packed: Yes No Sand Filter 0/30 10-11'
From Lone Star 6x12 mesh fr. 11-56.7' feet

9. WATER LEVEL
Static water level 20.8 feet below land surface
Artesian flow n/a G.P.M. n/a P.S.I.
Water temperature n/a °F Quality n/a

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 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 July 12, 1994

Date started November 4, 19 91
Date completed November 6, 19 91

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)	
<u>no test</u>			