



MW-5  
 PRINT OR TYPE ONLY  
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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. 52776

1. OWNER Kennametal Refinery ADDRESS AT WELL LOCATION Kennametal Refinery  
 MAILING ADDRESS 347 N. Taylor St. Fallon NV, 89406 347 N. Taylor St. Fallon NV, 89406  
15777 Lovelock Hwy. RL 4/1/04  
 2. LOCATION NE 1/4 NW 1/4 Sec 1 T. 20 N. S. R. 28 E Churchill County  
 PERMIT NO. NEV 92006 NDPP 09-37-101 NA Subdivision Name  
 Issued by Water Resources Parcel No.

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 HSA

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand Dark Grey Fin-Med.		0	15'	15'
Sand + silt moist. DK Brn.		15'	25'	10'
Silt. moist grey		25'	30'	5'
Mostly sand moist.	33-44	30'	35'	5'
Silty sand w/ some clay		35'	40'	5'
Silty sand & clay	44'	40'	45'	5'
Sand & silt - silty sand		45'	52'	7'
Very sh. lt. colored sand/silt		52'	65'	13'
Silty sand v. moist		65'	71'	6'
Well graded sand Brn. yellow		71'	76 1/2'	5 1/2'
Elastic silt lt. Brn. stiff.		76	80'	4'

8. WELL CONSTRUCTION  
 Depth Drilled 80 Feet Depth Cased 80 Feet  
 HOLE DIAMETER (BIT SIZE)  
10 1/2" From 0 Feet To 80 Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"		5.40	+3'	15'
4"		5.40	70'	80'

Perforations:  
 Type perforation Long Year Factory slot  
 Size perforation 1020  
 From 15' feet to 70' feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 10'  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured Bentonite  Concrete Grout  
 Gravel Packed:  Yes  No From 13' - 10'  
 From 80' feet to 13' feet

9. WATER LEVEL  
 Static water level 33.29 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature 49.5° °F Quality \_\_\_\_\_

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Date started 2-10- 2004  
 Date completed 2-20- 2004

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

Name Haz-Tech Drilling Inc Contractor  
 Address P.O. Box 940 Contractor  
Meridian ID 83680  
 Nevada contractor's license number issued by the State Contractor's Board 0038018  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2184  
 Signed [Signature]  
 By driller performing actual drilling on site or contractor  
 Date 2-29-04