

Log No. 93169  
Permit No. \_\_\_\_\_  
Basin 101

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

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. 52716

1. OWNER Kennametal Refinery ADDRESS AT WELL LOCATION Kennametal Refinery, 347 N. Taylor St. Fallon NV, 89406  
MAILING ADDRESS 347 N. Taylor St. Fallon NV 89406  
2. LOCATION NE 1/4 NW 1/4 Sec. 1 T 20 N/S R. 28 E Churchill County  
PERMIT NO. NEV 92006 NDEP 09-37-101 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 HSA

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Poorly graded sand/silt Brn. Blk		0	6 1/2'	6 1/2'
Lt. Brn. Silty clay sand		6 1/2'	11 1/2'	5'
Well graded sand w/ gravel		11 1/2'	21'	9 1/2'
Lt. Brn. Silty sand, moist		21'	27 1/2'	6 1/2'
Fine gravel coarse sand		27 1/2'	30 1/2'	3'
Fine gravel very dense silty sand		30 1/2'	36'	5 1/2'
Fine gravel very dense silty sand		36'	46'	10'
Coarse sand fine gravel		46'	50'	4'
Silty sand v. dense.		50'	56'	6'
Silty sand		56'	60 1/2'	4 1/2'
Altered weathered sandstone	69	60 1/2'	69'	8 1/2'
Siltstone weathered gray		69'	79 1/2'	10 1/2'
Same less weathered gray		79 1/2'	83'	3 1/2'
Silty sand loose dk gray		83'	100'	18'

8. WELL CONSTRUCTION  
Depth Drilled 100' Feet Depth Cased 100' Feet  
HOLE DIAMETER (BIT SIZE)  
From 0 Feet To 100' Feet  
10 1/2" Inches \_\_\_\_\_ Feet \_\_\_\_\_ 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'	40'
4"		5.40	90'	100'

Perforations:  
Type perforation Long Year Factory slot  
Size perforation .020  
From 40' feet to 90' feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
Depth of Seal 25'  Neat Cement  
Placement Method:  Pumped  Cement Grout  
 Poured Benlonite  Concrete Grout  
Gravel Packed:  Yes  No From 35'-25'  
From 100' feet to 35' feet

9. WATER LEVEL  
Static water level 58.9 feet below land surface  
Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water temperature 85° °F Quality \_\_\_\_\_

Date started 2-21-04, 20\_\_\_\_\_  
Date completed 2-23-04, 20\_\_\_\_\_  
7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

10. DRILLER'S CERTIFICATION  
This well was drilled under my supervision and the report is true to the best of my knowledge.  
Name Haz-Tech Drilling Inc. Contractor  
Address P.O. Box 940 Meridian ID Contractor  
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-2188  
Signed Mueen By driller performing actual drilling on site or contractor  
Date 2-29-04