

MO-15-16

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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

OFFICE USE ONLY

Log No. 04180  
 Permit No. \_\_\_\_\_  
 Basin. 005

NOTICE OF INTENT NO. 35460

1. OWNER Santa Fe Pacific Mining Co. ADDRESS AT WELL LOCATION Lone Tree Mine  
 MAILING ADDRESS P.O. Box 388  
Valmy Nevada 89438

2. LOCATION NE 1/4 NE 1/4 Sec 15 T 34 R 42 E Humboldt County  
 PERMIT NO. M10-975-G 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 \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Alluvium</u>		<u>0</u>	<u>140</u>	<u>140</u>
<u>Neat Cement</u>		<u>0</u>	<u>50'</u>	<u>50'</u>
<u>3/8 Hole Plug</u>		<u>50'</u>	<u>83'</u>	<u>38'</u>
<u>Sand Pack</u>		<u>88</u>	<u>138'</u>	<u>50'</u>

8. WELL CONSTRUCTION  
 Depth Drilled 140 Feet Depth Cased 138' Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To
<u>11"</u>	<u>0</u>	<u>18'</u>
<u>6 1/2"</u>	<u>18'</u>	<u>50'</u>
<u>6"</u>	<u>50'</u>	<u>140'</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>7"</u>		<u>3/8 wall</u>	<u>+2</u>	<u>18'</u>
<u>2 1/2"</u>		<u>SCH 80</u>	<u>+2</u>	<u>138'</u>

Perforations:  
 Type perforation Horizontal Slot  
 Size perforation .020 Slot

From 98' feet to 119' feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  Neat Cement  
 Depth of Seal 50'  Cement Grout  
 Placement Method:  Pumped  Concrete Grout  
 Poured

Gravel Packed:  Yes  No  
 From 88' feet to 138' feet

9. WATER LEVEL  
 Static water level 105' feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality Clean

Date started 11-5-96 1996  
 Date completed 11-6-96 1996

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>130</u>	<u>2</u>		<u>5 min</u>
<u>140</u>	<u>3</u>		<u>5 min</u>

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

Name Eklund Drilling CO INC  
 Address P.O. Box 2748  
Elko Nevada 89803

Nevada contractor's license number issued by the State Contractor's Board: #0030823  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller: 1786

Signed Craig Dimes  
 By driller performing actual drilling on site or contractor  
 Date 11-6-96