

Log No. 46378

Permit No. _____

Basin. 065

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. 24615

1. OWNER Santa Fe Pacific Mining Co. ADDRESS AT WELL LOCATION Lone Tree Mine
MAILING ADDRESS 861 W. 6th Street 1-80 Lone tree Exit near Battle Mtn., NV
Winnemucca, NV 89445

2. LOCATION NE 1/4 SW 1/4 Sec. 12 T. 34 N/S R. 42 E. Humboldt County
PERMIT NO. M/6-627 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
Alluvium		0	285	285
Battle Conglomerate		285	305	20
Valmy Quartz		310	330	20
Clay gouge		330	345	15
Battle Conglomerate		345	780	435
Valmy Quartz		780	800	20
Abandonite		171	40	
Enviroplug 1/4 tabs		40	25	15
Enviroplug course		25	0	25

8. WELL CONSTRUCTION

Depth Drilled 796 Feet Depth Cased 60 Feet

HOLE DIAMETER (BIT SIZE)

From		To	
Inches	Feet	Inches	Feet
10	0	60	60
6	60	755	755
5 3/8	755	796	796

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
1 1/2		SCH 80	+2	786

Perforations:

Type perforation Horz. Sch. 80 .020

Size perforation Horz. .020 slots

From 786 feet to 588 slot feet

From 588 feet to +2 blank feet

From _____ feet to _____ feet

From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement

Depth of Seal 60' Cement Grout

Placement Method: Pumped Concrete Grout

Poured

Gravel Packed: Yes No

From _____ feet to _____ feet

9. WATER LEVEL

Static water level 277.7 feet below land surface

Artesian flow _____ G.P.M. _____ P.S.I.

Water temperature 91 °F Quality clean

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 COMPANY, INC. Contractor

Address P. O. Box 2786 Contractor

Elko, NV 89803

Nevada contractor's license number #0030823 issued by the State Contractor's Board

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1724

Signed Marc Eklund By driller performing actual drilling on site or contractor

Date 12-14-91

Date started 7-30 1994

Date completed 8-3 1994

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
300	under 5		5 min.
400	15		5 min.
500	37		5 min.
600	40		5 min.
700	65.2		5 min.
800	71.9		5 min.