WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

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STATE OF NEVADA
DIVISION OF WATER RESOURCES

# 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. 45363
Permit No.
Basin 064

NOTICE OF INTENT NO. 24552

1. OWNER Santa Fe Pacific Mining Co.
MAILING ADDRESS 861 W. 6th Street
Winnemucca, NV 89445

ADDRESS AT WELL LOCATION Lone Tree Mine
I-80 Lone Tree Exit near Battle Mtn., NV

2. LOCATION SE 1/4 SW 1/4 Sec. 12 T. 34 N/S R. 42 E. Humboldt County
PERMIT NO. MO ~~MO-625~~ 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 | Thickness |
|---|---|---|---|---|
| Alluvium | | 0 | 245 | 245 |
| Lake Clay | | 245 | 495 | 250 |
| Hels Course Sandstone | | 495 | 575 | 80 |
| Perm Fine Sandstone | | 575 | 590 | 15 |
| Perm Course Silica | | 590 | 660 | 70 |
| bottle Conglomerate | | 660 | 730 | 70 |
| Valmy Quartz | | 730 | 825 | 95 |
| Valmy Quartz | | 825 | 880 | 55 |
| Abandonite | | 245 | +2 | |
| Med. Enviro Plug | | | | |
| Course Enviro Plug | | | | |

Date started 8-3, 19 94
Date completed 8-11, 19 94

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

| | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|---|
| 300 | 6.5 | | 2 min. test |
| 400 | 12.0 | | |
| 600 | 60 | | |
| 800 | 80 | | |

8. WELL CONSTRUCTION
Depth Drilled 810 Feet Depth Cased 806 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 10 | Inches | 0 | Feet | 60 | Feet |
| 5 1/8 | Inches | 60 | Feet | 810 | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 6" Nom | | 3/16 wall | +2 | 60 |

Perforations:
Type perforation .020 Horz. slots
Size perforation .020 horz. slots
From 806 feet to 608 slots feet
From 608 feet to +2 blank feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 60'
Placement Method: ☐ Pumped ☒ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☐ Yes ☒ No
From feet to feet

9. WATER LEVEL
Static water level 195.4 feet below land surface
Artesian flow no G.P.M. P.S.I.
Water temperature 92 °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 issued by the State Contractor's Board #0030823
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1774
Signed [signature] (By driller performing actual drilling on site or contractor)
Date 8-29-94

(Rev. 3-91)

USE ADDITIONAL SHEETS IF NECESSARY

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