DW-22

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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. 56873
Permit No.
Basin 24

NOTICE OF INTENT NO. 29498

1. OWNER: SANTA FE PACIFIC GOLD
MAILING ADDRESS: P.O. BOX 27019, ALBUQUERQUE, NEW MEXICO 87110
ADDRESS AT WELL LOCATION: SANTA FE - TWIN CREEKS MINE

2. LOCATION: SW ¼ NW ¼ Sec. 19 T. 39 ~~36~~ N S R. 43 E HUMBOLDT County
PERMIT NO. 58044 (Issued by Water Resources) | N/A (Parcel No.) | N/A (Subdivision Name)

3. WORK PERFORMED
[XX] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[XX] Municipal/Industrial [ ] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [XX] RVC
[ ] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
ALLUVIUM		0	200	200
SHALE & CALCASITE		200	300	100
SHALE, CHERT & TUFF		300	385	85
SILTSTONE & BASALT		385	565	180
SILTSTONE, SHALE, TUFF & BASALT		565	920	355

95 OCT 23 AM 11:19 STATE ENGINEER'S OFFICE

Date started: SEPTEMBER 28, 1995
Date completed: OCTOBER 11, 1995

7. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
206	98	1 HOUR

8. WELL CONSTRUCTION
Depth Drilled 920 Feet Depth Cased 920 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
36 Inches		0 Feet	15 Feet
22 Inches		15 Feet	920 Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30			0	15
14-5/8			+2	920

Perforations:
Type perforation: LOUVERED (FULL FLOW & MOD.)
Size perforation: .125 X 3"
From 392 feet to 509 (MODIFIED) feet
From 509 feet to 910 (FULL FLOW) feet
From feet to feet
From feet to feet
From feet to feet

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

Gravel Packed: [XX] Yes [ ] No
From 50 feet to 920 feet

9. WATER LEVEL
Static water level: 489 feet below land surface
Artesian flow: N/A G.P.M. N/A P.S.I.
Water temperature: COLD °F Quality

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

Name: LANG EXPLORATORY DRILLING (Contractor)
Address: 2286 WEST 1500 SOUTH (Contractor)
SALT LAKE CITY, UTAH 84104

Nevada contractor's license number issued by the State Contractor's Board: 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller: 1999

Signed: DAVID MADSEN David Madsen
By driller performing actual drilling on site or contractor

Date: OCTOBER 18, 1995

(Rev. 3-91)

USE ADDITIONAL SHEETS IF NECESSARY

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