DW-23

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. 50621
Permit No.
Basin

NOTICE OF INTENT NO. 29499

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 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
☒ 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	198	198
LIMESTONE & MUDSTONE		198		
WITH CLAY SEAMS			340	142
TUFF & MUDSTONE		340	465	125
CHERT & BASALT		465	490	25
COARSE DIONITE		490	730	240
SHALE		730	1212	482

Plugged by well log 18251

RECEIVED 95 OCT 16 PM 8:17 STATE ENGINEER'S OFFICE

Date started AUGUST 30, 19 95
Date completed SEPTEMBER 25, 19 95

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
350	30'	1 HOUR

8. WELL CONSTRUCTION
Depth Drilled 1,212 Feet Depth Cased 1,212 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
38 Inches		0 Feet	20 Feet
22 Inches		20 Feet	1,212 Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30	118.65	.375	0	17'
14	54.57	.375	0	409

Perforations:
Type perforation LOUVERED
Size perforation 1/8" X 4" MODIFIED & FULL FLOW
From MODIFIED 409 feet to 812 feet
From FULLFLOW 812 feet to 1212 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 55
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 55 feet to 1,212 feet

9. WATER LEVEL
Static water level 420 feet below land surface
Artesian flow N/A G.P.M. N/A P.S.I.
Water temperature °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 10, 1995

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627