

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

M/O-19-8

NOTICE OF INTENT NO. 19584

1. OWNER SANTA FE PACIFIC GOLD CORP. ADDRESS AT WELL LOCATION RABBIT CREEK MINE
 MAILING ADDRESS P. O. BOX 2220
WINNEMUCCA, NV 89445

2. LOCATION NW 1/4 NE 1/4 Sec. 19 T. 39N N/S R. 43 E HUMBOLDT County

PERMIT NO. M/O-319-B Issued by Water Resources Parcel No. _____ Subdivision Name _____

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
1) ALLUVIUM - CLAYS WITH LIMESTONE GRAVELS		0	15	15
2) SHALE WITH TUFF INTRUSIONS		15	95	80
3) BASALT		95	110	15
4) SHALE WITH TUFF INTRUSIONS		110	370	260
5) BASALT		370	455	85
6) SHALE - GREY TO BLACK		455	480	25

8. WELL CONSTRUCTION

Diameter 6 3/4" inches Total depth 480 feet

Casing record TOP 21' STEEL, SCH 80 PVC

Weight per foot 5.9 Thickness 0.20

Diameter	From	To
STEEL <u>2 1/2</u> inches	<u>-1.7</u> feet	<u>19.3</u> feet
PVC <u>2 1/2</u> inches	<u>19.3</u> feet	<u>440</u> feet

Surface seal: Yes No Type CEMENT

Depth of seal 0-52 CEMENT, 52-440 BENTONITE feet

Gravel packed: Yes No

Gravel packed from 440 feet to 480 feet

Perforations:

Type perforation SCH 80 PVC- DRILLED HOLES

Size perforation 3/16" HOLES- 12 HOLES/FT.

From 440 feet to 480 feet

'92 DEC -2 10:50
 STATE ENGINEERS OF NEVADA

Date started 11/18, 1992
 Date completed 11/22, 1992

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
AIR LIFT	20-25 EST	N/A	N/A

BAILER TEST

G.P.M. N/A Draw down _____ feet _____ hours

G.P.M. _____ Draw down _____ feet _____ hours

G.P.M. _____ Draw down _____ feet _____ hours

9. WATER LEVEL

Static water level 108.3 feet below land surface

Flow N/A G.P.M. N/A P.S.I.

Water temperature COOL °F Quality CLEAR

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge. BRUCE G. JONES, JR.

Name B & B DRILLING CO., INC.

Address P. O. BOX 2666 GRAND JUNCTION, CO 81502

Nevada contractor's license number issued by the State Contractor's Board 0030738

Nevada contractor's driller's number issued by the Division of Water Resources 1711

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1711

Signed Bruce G. Jones, Jr.
 By driller performing actual drilling on site or contractor

Date 11/28/92

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

M/O-19-6

1. OWNER SANTA FE PACIFIC GOLD CORP.
 MAILING ADDRESS P. O. BOX 2220
WINNEMUCCA, NV 89445

ADDRESS AT WELL LOCATION RABBIT CREEK MINE

NOTICE OF INTENT NO. 19532

RABBIT CREEK MINE

2. LOCATION SW 1/4 SE 1/4 Sec 19 T 39N N/S R 43 E HUMBOLDT County
 PERMIT NO. M/O-319-B ****NOTE** THIS WELL IS 20' SOUTH OF M/O-19-5**
Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK
 New Well Recondition
 Deepen Other
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock
 5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
1) ALLUVIUM-CLAYS WITH LIMESTONE GRAVELS		0	465	465
2) TUFF WITH SHALE BEDS		465	615	150
3) BASALT- TAN		615	630	15
4) SHALE - DRK GREY TO BLACK		630	655	25
5) BASALT - TAN		655	710	55
6) SHALE- AS ABOVE		710	720	10
7) BASALT - TAN		720	735	15
8) SHALE - AS ABOVE		735	760	25

8. WELL CONSTRUCTION

Diameter 6 3/4 inches Total depth 760 feet
 _____ inches
 _____ inches
 Casing record TOP 21' STEEL, SCH 80 PVC
 Weight per foot 5.9 Thickness 0.20

Diameter	From	To
STEEL <u>2 1/2</u> inches	<u>-1</u> feet	<u>20</u> feet
PVC <u>2 1/2</u> inches	<u>20</u> feet	<u>720</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

 Surface seal: Yes No Type CEMENT
 Depth of seal 0-53' CEMENT, 53-720 BENTONITE feet
 Gravel packed: Yes No
 Gravel packed from 720 feet to 760 feet
 Perforations:
 Type perforation SCH 80 PVC - DRILLED HOLES
 Size perforation 3/16" HOLES- 12 HOLES/FT.
 From 720 feet to 760 feet
 From _____ feet to _____ feet

92 DEC -2 AMO 350
 STATE ENGINEERS OF NEVADA

9. WATER LEVEL
 Static water level 271.3 feet below land surface
 Flow N/A G.P.M. N/A P.S.I.
 Water temperature COOL °F Quality CLEAR

Date started 11/7, 1992
 Date completed 11/12, 1992

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
AIR LIFT	20 EST	N/A	N/A

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge. BRUCE G. JONES, JR.
 Name B. & B. DRILLING CO., INC.
P. O. BOX 2666
 Address GRAND JUNCTION, CO 81502
 Nevada contractor's license number issued by the State Contractor's Board 0030738
 Nevada contractor's driller's number issued by the Division of Water Resources 1711
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1711
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date 11/28/92

BAILER TEST

G.P.M. N/A Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours

OFFICE USE ONLY
 Log No. 39897
 Permit No. _____
 Basin 666

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 16120

M/O-19-2
 1. OWNER SANTA FE PACIFIC GOLD CORP. ADDRESS AT WELL LOCATION RABBIT CREEK MINE
 MAILING ADDRESS P. O. BOX 2220
WINNEMUCCA, NV 89445

2. LOCATION NW 1/4 SW 1/4 Sec 19 T 39N N/S R. 43 E HUMBOLDT County
 PERMIT NO. M/O-319-A
Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
1) ALLUVIUM- CLAY WITH YELLOW BROWN LIMESTONE GRAVEL		0	220	220
2) COARSE TUFF INTERBEDDED WITH SHALE & CHERT		220	330	110
3) BASALT	TOP	330	415	85
4) FINE TUFF WITH CHERT		415	420	5
5) BASALT	TOP	420	445	25
6) MEDIUM TUFF WITH BLACK SHALE		445	500	55

8. WELL CONSTRUCTION

Diameter 6 3/4 inches Total depth 500 feet

Casing record TOP 21' STEEL, SCH 40 PVC
 Weight per foot 5.9 Thickness 0.20

Diameter	From	To
STEEL <u>2 1/2</u> inches	<u>-1.3</u> feet	<u>19.7</u> feet
PVC <u>2 1/2</u> inches	<u>19.7</u> feet	<u>63</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type CEMENT
 Depth of seal 0-50' CEMENT, 50-63' BENTONITE feet
 Gravel packed: Yes No
 Gravel packed from 63 feet to 500 feet

Perforations:
 Type perforation SCH 40 PVC- DRILLED HOLES
 Size perforation 3/16" HOLES- 12 HOLES/FT
 From 63 feet to 500 feet
 From _____ feet to _____ feet

'92 NOV 19 P 1:13
 STATE ENGINEERS

Date started 10/25, 1992
 Date completed 10/28, 1992

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
AIR LIFT	5-10 EST	N/A	N/A

9. WATER LEVEL

Static water level 280.6 feet below land surface
 Flow N/A G.P.M. N/A P.S.I.
 Water temperature COOL °F Quality CLEAR

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge. BRUCE G. JONES, JR.
 Name B & B DRILLING CO., INC.
 Address P. O. BOX 2666 GRAND JUNCTION, CO. 81502
Contractor

Nevada contractor's license number issued by the State Contractor's Board 0030738
 Nevada contractor's driller's number issued by the Division of Water Resources 1711
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1711
 Signed [Signature]
By driller performing actual drilling on site or contractor
 Date 11/16/92

BAILER TEST

G.P.M. N/A Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY
 /O-19-1

NOTICE OF INTENT NO. 16119

1. OWNER SANTA FE PACIFIC GOLD CORP. ADDRESS AT WELL LOCATION RABBIT CREEK MINE
 MAILING ADDRESS P. O. BOX 2220
WINNEMUCCA, NV 89445

2. LOCATION NW 1/4 NW 1/4 Sec. 19 T. 39N N/S R. 43 E. HUMBOLDT County

PERMIT NO. M/O-319-A Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK
 New Well Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock

5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
1) ALLUVIUM-CLAY WITH YELLOW BROWN LIMESTONE GRAVEL		0	28	28
2) FINE GRAINED TUFF WITH INTERBEDDED SHALE, CHERT,		28	330	302
3) BASALT	TOP	330	355	25
4) MEDIUM GRAINED TUFF INTERBEDDED SHALE & BASALT FLOWS @ 405-410, 412-445, 462-484		355	500	145
5) BLACK SHALE		500	600	100

8. WELL CONSTRUCTION

Diameter 6 3/4 inches Total depth 55 feet
6 1/4 inches 55-600'
 inches

Casing record TOP 21' STEEL, SCH 40 PVC
 Weight per foot 5.9 Thickness 0.20"

Diameter	From	To
STEEL <u>2 1/2</u> inches	<u>-1.3</u> feet	<u>19.7</u> feet
PVC <u>2 1/2</u> inches	<u>19.7</u> feet	<u>65</u> feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes No Type CEMENT
 Depth of seal 0-53' CEMENT: 53-65' BENTONITE feet
 Gravel packed: Yes No
 Gravel packed from 65 feet to 600 feet

Perforations:
 Type perforation SCH 40 PVC- DRILLED HOLES
 Size perforation 3/16" HOLES/ 12 HOLES/FT

From	feet to	feet
<u>65</u>	<u>600</u>	feet
From	feet to	feet

'92 NOV 19 P 1:13
 STATE ENGINEERS OF NEVADA

Date started 10/22, 1992
 Date completed 10/25, 1992

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
AIR LIFT	5-10 EST	N/A	N/A

BAILER TEST

G.P.M. N/A Draw down feet hours
 G.P.M. feet hours
 G.P.M. feet hours

9. WATER LEVEL

Static water level 366.4 feet below land surface
 Flow N/A G.P.M. N/A P.S.I.
 Water temperature COOL °F Quality CLEAR

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge. BRUCE G. JONES, JR.
 Name B & B DRILLING CO., INC.
P. O. BOX 2666
 Address GRAND JUNCTION, CO 81502

Nevada contractor's license number issued by the State Contractor's Board 0030738
 Nevada contractor's driller's number issued by the Division of Water Resources 1711
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1711
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date 11/16/92

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

0-19-4
 1. OWNER SANTA FE PACIFIC GOLD CORP. ADDRESS AT WELL LOCATION RABBIT CREEK MINE
 MAILING ADDRESS P. O. BOX 2220
WINNEMUCCA, NV 89445
 2. LOCATION NE 1/4 SW 1/4 Sec 19 T 39N N/S R. 43 E HUMBOLDT County
 PERMIT NO. M/O-319-B ****NOTE** THIS WELL IS 20' EAST OF M/O-19-3**
Issued by Water Resources Parcel No. Subdivision Name

NOTICE OF INTENT NO. 1953

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
1) ALLUVIUM CLAY WITH LIMESTONE GRAVEL		0	320	320
2) ALLUVIUM AS ABOVE WITH BEDROCK FRAGMENTS OF TUFF, CHERT, SHALE & BASALT		320	375	55
3) CHERT- DK GREY, BLACK, BROWN & RED		375	420	45
4) BASALT - TAN		420	480	60
5) CHERT- AS ABOVE		480	510	30
6) BASALT - TAN		510	530	20
7) MAFIC PORPHYRY WITH CLAY & CALCAREOUS CHIPS		530	595	65
8) CHERT- AS ABOVE		595	615	20

8. WELL CONSTRUCTION

Diameter 6 3/4 inches Total depth 615 feet

Casing record TOP 21' STEEL, SCH 80 PVC

Weight per foot 5.9 Thickness 0.20

Diameter	From	To
STEEL <u>2 1/2</u> inches	<u>-1</u> feet	<u>20</u> feet
PVC <u>2 1/2</u> inches	<u>20</u> feet	<u>575</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type CEMENT

Depth of seal 0-53' CEMENT, 53-575 BENTONITE feet

Gravel packed: Yes No

Gravel packed from 575 feet to 615 feet

Perforations:

Type perforation SCH 80 PVC- DRILLED HOLES

Size perforation 3/16" HOLES- 12 HOLES/FT

From	To
<u>575</u> feet	<u>615</u> feet
_____ feet	_____ feet
_____ feet	_____ feet
_____ feet	_____ feet
_____ feet	_____ feet

Date started 11/3, 1992
 Date completed 11/7, 1992

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>AIR LIFT</u>	<u>25 EST</u>	<u>N/A</u>	<u>N/A</u>
_____	_____	_____	_____
_____	_____	_____	_____

9. WATER LEVEL

Static water level 219.5 feet below land surface

Flow N/A G.P.M. N/A P.S.I.

Water temperature COOL °F Quality CLEAR

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge. BRUCE G. JONES, JR.

Name B & B DRILLING CO., INC.

P. O. BOX 2666

Address GRAND JUNCTION, CO 81502

Nevada contractor's license number issued by the State Contractor's Board 0030738

Nevada contractor's driller's number issued by the Division of Water Resources 1711

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1711

Signed [Signature]
 By driller performing actual drilling on site or contractor

Date 11/16/92

BAILER TEST

G.P.M.	Draw down	feet	hours
<u>N/A</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____



Rabbit
Creek
Mine

January 21, 1993

SANTA FE PACIFIC GOLD CORPORATION

Mr. Michael Turnipseed, Engineer
Division of Water Resources
State of Nevada
Capitol Complex
123 W. Nye Lane
Carson City, NV 89710

RE: Report of Completion of Wells, Reference Waivers M/O-319-A and B

Dear Mr. Turnipseed:

This letter serves as Rabbit Creek Mining Inc.'s (RCMI) report of completion of monitoring/observation wells as authorized by the aforementioned waivers.

Enclosed please find a well location drawing (not to scale) depicting a general view of wells at Rabbit Creek Mine; copies of the well driller's report and well construction diagram for each well drilled, M/O-19-1, 2, 3, 4, 5, 6, and 8. Well M/O-19-7 was not drilled and there are no plans to drill at this time.

The coordinates of each well is listed below:

M/O-19-1	15301 E	49902 N
M/O-19-2	15777 E	46961 N
M/O-19-3	17197 E	47153 N
M/O-19-4	17216 E	47147 N
M/O-19-5	18425 E	45556 N
M/O-19-6	18432 E	45538 N
M/O-19-8	18379 E	49119 N

Each well is within Section 19, T.39N., R.43E., Humboldt County, Nevada. Monitoring of these wells will be incorporated into quarterly groundwater monitoring reports.