

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

STATE OF NEVADA  
 DIVISION OF WATER RESOURCES

Log No. 38130  
 Permit No. \_\_\_\_\_  
 Basin \_\_\_\_\_

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 16783

PRINT OR TYPE ONLY

1. OWNER Santa Fe Pacific Minerals ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS Box 27019 \_\_\_\_\_  
Albuquerque, NM 87125 \_\_\_\_\_  
 2. LOCATION NE 1/4 NE 1/4 Sec 11 T 34 N/S R. 42 E Humboldt County  
 PERMIT NO. 57104 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  Other   
 5. TYPE WELL  
 Cable  Rotary   
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	15	15
Alkaline Clay		15	30	15
White Clay		30	50	20
White/Tan Clay w/ Broken Rock		50	65	15
White/Tan Clay w/ Broken Rock & Sharp Rock		65	80	15
Sharp Rock		80	85	5
Gravel, Sharp Rock		85	90	5
Clay w/ Broken Rock		90	106	16
Brown Clay w/ Broken Rock		106	117	11
White/Gray Clay w/ small Broken Rock		117	120	3
Tan/White Clay		120	130	10
Little Rock		130	170	40
Sticky White/Tan Clay		170	175	5
Gray Clay, Broken Rock		175	185	10
Red Clay, Broken Rock		185	200	15
Gray Clay, Broken Rock		200	225	25
Red Clay, Broken Rock		225	300	75
Gray Clay, Broken Rock		300	312	12
Gray Fractured Rock		312	315	3
Gray Quartz		315	316	1
Gray Quartz		316	322	6
Quartz		322	345	23
Antler Sandstone		345	362	17
Valmy Quartz		362	372	10
Valmy Gray Quartz		372	403	31

8. WELL CONSTRUCTION  
 Diameter 24 inches Total depth 716 feet  
 \_\_\_\_\_ inches  
 \_\_\_\_\_ inches  
 Casing record 16 inch  
 Weight per foot 43.73 Thickness .250  
 Diameter From To  
30 inches +6 feet 120 feet  
16 inches +2 feet 716 feet  
 \_\_\_\_\_ inches \_\_\_\_\_ feet \_\_\_\_\_ feet  
 \_\_\_\_\_ inches \_\_\_\_\_ feet \_\_\_\_\_ feet  
 \_\_\_\_\_ inches \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Surface seal: Yes  No  Type Neat Cement  
 Depth of seal 120 feet  
 Gravel packed: Yes  No   
 Gravel packed from 120 feet to 716 feet  
 Perforations:  
 Type perforation 16 inch Triple Perf.  
 Size perforation 16 inch Hi-Cap Screen  
 From 58 feet to 310 feet  
 From 310 feet to 330 feet  
 From 330 feet to 451 feet  
 From 451 feet to 471 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Date started February 23, 19 92  
 Date completed March 17, 19 92

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours

9. WATER LEVEL  
 Static water level 72 feet below land surface  
 Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature WARM °F Quality good

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Sargent Irrigation Company  
 Contractor  
 Address 9955 North Virginia, Reno, NV 89506  
 Contractor  
 Nevada contractor's license number 21246  
 issued by the State Contractor's Board  
 Nevada contractor's driller's number 1391  
 issued by the Division of Water Resources  
 Nevada driller's license issued by the 1540  
 Division of Water Resources, the on-site driller  
 Signed [Signature]  
 By driller performing actual drilling on site or contractor  
 Date April 14, 1992

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

STATE OF NEVADA  
 DIVISION OF WATER RESOURCES

Log No. 38136  
 Permit No. \_\_\_\_\_  
 Basin \_\_\_\_\_

**WELL DRILLER'S REPORT**

Please complete this form in its entirety

NOTICE OF INTENT NO. 16783.....

PRINT OR TYPE ONLY

1. OWNER Santa Fe Pacific Minerals ADDRESS AT WELL LOCATION Lonetree Mine WW #9  
 MAILING ADDRESS Box 27019  
Albuquerque, NM 87125  
 2. LOCATION NE 1/4 NE 1/4 Sec 11 T 34 N/S R 42 E Humboldt County  
 PERMIT NO. 57104 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
Valmy Gray Quartz		403	429	26
Hard Gray Factured Rock		429	450	21
Hard Gray & White Factured Rock		450	475	25
Hard Gray & White Factured Rock & Little Clay		475	480	5
Quartz Factured with White Clay		480	490	10
Gray Quartz		490	508	18
Gray-White Quartz & Factured Hard Rock		508	530	22
Gray Quartz		530	545	15
Gray & White Hard Quartz		545	605	60
Gray Quartz Factured with White Clay		605	683	78
Hard Gray Black & White Quartz		683	695	12
Quartz & White Clay		695	715	20
Clay		715	720	5

8. WELL CONSTRUCTION

Diameter 24 inches Total depth 716 feet

Casing record 16 inch  
 Weight per foot 43.73 Thickness .250

Diameter	From	To
<u>30</u> inches	<u>+6</u> feet	<u>120</u> feet
<u>16</u> inches	<u>+2</u> feet	<u>716</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes  No  Type Neat Cement

Depth of seal 120 feet

Gravel packed: Yes  No

Gravel packed from 120 feet to 716 feet

Perforations:

Type perforation 16 inch Triple Perf.  
 Size perforation 16 inch Hi-Cap Screen

From	To
<u>471</u> feet	<u>651</u> feet
<u>651</u> feet	<u>691</u> feet
<u>691</u> feet	<u>711</u> feet
<u>711</u> feet	<u>716</u> feet

Date started February 23, 1992  
 Date completed March 17, 1992

7. WELL TEST DATA			
Pump RPM	G.P.M.	Draw Down	After Hours Pump

9. WATER LEVEL

Static water level 72 feet below land surface

Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.

Water temperature warm °F Quality good

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Sargent Irrigation Company  
 Contractor

Address 9955 North Virginia, Reno, NV 89506  
 Contractor

Nevada contractor's license number 21246  
 issued by the State Contractor's Board

Nevada contractor's driller's number 1391  
 issued by the Division of Water Resources

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1640

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

Date April 14, 1992

BAILER TEST

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