

OFFICE USE ONLY  
 Log No. 44402  
 Permit No. \_\_\_\_\_  
 Basin 4-61

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 19059

1. OWNER BARRICK GOLDSTRIKE MINES ADDRESS AT WELL LOCATION EW-12  
 MAILING ADDRESS P.O. BOX 79  
ELKO, NEVADA 89801

2. LOCATION SE 1/4 NE 1/4 Sec. 30 T. 36 N R. 50 E. EUREKA County  
 PERMIT NO. 50355 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
<u>GRAVEL W/CLAY</u>		<u>0</u>	<u>100</u>	<u>100</u>
<u>SANDY CLAY</u>		<u>100</u>	<u>150</u>	<u>50</u>
<u>SAND &amp; CLAY</u>		<u>150</u>	<u>168</u>	<u>18</u>
<u>CLAY W/SAND</u>		<u>168</u>	<u>288</u>	<u>28</u>
<u>CLAY W/GRAVEL</u>		<u>288</u>	<u>300</u>	<u>12</u>
<u>CLAY</u>		<u>300</u>	<u>360</u>	<u>60</u>
<u>CLAY &amp; GRAVEL</u>		<u>360</u>	<u>439</u>	<u>79</u>
<u>WHT. ROCK/CLAY</u>		<u>439</u>	<u>538</u>	<u>99</u>
<u>FRAGTURED ROCK</u>		<u>538</u>	<u>600</u>	<u>60</u>

8. WELL CONSTRUCTION

Depth Drilled 600 Feet Depth Cased 560 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>36</u> Inches	<u>0</u> Feet <u>100</u> Feet
<u>17 1/2</u> Inches	<u>100</u> Feet <u>600</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>24</u>	<u>84.5</u>	<u>3/8</u>	<u>0</u>	<u>20</u>
<u>12</u>	<u>33.38</u>	<u>1/4</u>	<u>0</u>	<u>560</u>

Perforations:  
 Type perforation MILL SLOT & ROSSCOE- MOSS  
 Size perforation 1/4"

From 120 feet to 160 (MILL) feet  
 From 200 feet to 240 (MILL) feet  
 From 280 feet to 560 (R.M.) feet

Surface Seal:  Yes  No Seal Type:  
 Neat Cement  Cement Grout  
 Concrete Grout

Depth of Seal 100 FT.

Placement Method:  Pumped  Poured

Gravel Packed:  Yes  No  
 From 100 feet to 600 feet

Date started 12/7, 1993  
 Date completed 12/19, 1993

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>5.5</u>	<u>66.5 FT.</u>	<u>2 HRS.</u>

9. WATER LEVEL

Static water level 366 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ 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 LAYNE-WESTERN, INC. Contractor  
 Address 12030 E. BIGGS RD. Contractor  
CHANDLER, AZ. 85249

Nevada contractor's license number issued by the State Contractor's Board 0019101  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1616

Signed Scott Campbell  
 By driller performing actual drilling on site or contractor  
 Date 1-29-94