

OFFICE USE ONLY
 Log No. 32751
 Permit No. 39881
 Basin 4-44 North Fork

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 13163

PRINT OR TYPE ONLY

1. OWNER FREEDOT McMcRAW Gold ADDRESS AT WELL LOCATION _____
 MAILING ADDRESS MOUNTAIN CITY STAR ROUTE
ELKO, NEVADA 89801
 2. LOCATION NE 1/4 NE 1/4 Sec. 4 T. 40 S. R. 54 E. ELKO County
 PERMIT NO. 39881 LOT 17 Subdivision Name

3. TYPE OF WORK Replacement 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
CLAY AND GRAVEL		0	130	
SILT, SAND, GRAVEL		130	190	
SAND AND GRAVEL		190	310	
CLAY AND GRAVEL		310	350	
SAND AND GRAVEL		350	450	
CLAY WITH GRAVEL, SAND		450	480	
GRAVEL WITH CLAY		480	585	
CEMENTED GRAVEL, SAND		585	710	
SAND, GRAVEL, CLAY		710	820	
CLAY AND ROCK		820	870	
CLAY, SAND, GRAVEL		870	910	
SAND, GRAVEL, CLAY		910	1010	
CLAY WITH GRAVEL		1010	1200	
GRAVEL WITH CLAY		1200	1252	

90 JUN 11 AM 120 STATE LABORATORY

8. WELL CONSTRUCTION

Diameter 24 inches Total depth 1230 feet
16 inches
 inches

Casing record STEEL CASING
 Weight per foot _____ Thickness 0.312

Diameter	From	To
<u>24</u> inches	<u>+1</u> feet	<u>50</u> feet
<u>16</u> inches	<u>+2</u> feet	<u>1230</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type CEMENT
 Depth of seal 50 FEET feet
 Gravel packed: Yes No
 Gravel packed from SURFACE feet to 1250 feet

Perforations:
 Type perforation WIREWRAP JOHNSON SCREEN
 Size perforation 100 SLOT HI CAP

From	To
<u>480</u> feet	<u>520</u> feet
<u>590</u> feet	<u>610</u> feet
<u>700</u> feet	<u>760</u> feet
<u>790</u> feet	<u>810</u> feet
<u>859</u> feet	<u>879</u> feet

9. WATER LEVEL

Static water level 415 feet below land surface
 Flow 603 G.P.M. P.S.I.
 Water temperature _____ °F Quality _____

Date started 4/27 1990
 Date completed 5/30 1990

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>1800</u>	<u>603</u>	<u>155.5'</u>	<u>48</u>
		<u>(PWL 571.5')</u>	

BAILER TEST

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

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 Co., Inc. Contractor
 Address 12030 E. RIGGS RD CHANDLER, AZ 85249 Contractor
 Nevada contractor's license number issued by the State Contractor's Board 0019101
 Nevada contractor's driller's number issued by the Division of Water Resources _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1290
 Signed Cesar M. Hernandez
 By driller performing actual drilling on site or contractor
 Date 6/8/90

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 Permit No. _____
 Basin _____

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1. OWNER FREEMONT McMoran Gold ADDRESS AT WELL LOCATION _____
 MAILING ADDRESS MOUNTAIN CITY STAM ROUTE
ELKO, NV 89801
 2. LOCATION NE 1/4 NE 1/4 Sec. 4 T 40 S R. 54 E ELKO County
 PERMIT NO. 39881 Issued by Water Resources Parcel No. LOT 17 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
See log #1				
*90 JUN 11 AM '26				
STATE OF NEVADA				

8. WELL CONSTRUCTION
 Diameter _____ inches Total depth _____ feet
 _____ inches
 _____ inches
 Casing record _____
 Weight per foot _____ Thickness _____

Diameter	From	To
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

 Surface seal: Yes No Type _____
 Depth of seal _____ feet
 Gravel packed: Yes No
 Gravel packed from _____ feet to _____ feet
 Perforations:
 Type perforation WIREWRAPE JOHNSON SCREEN
 Size perforation 100 SLOT HICAP
 From 340 feet to 960 feet
 From 380 feet to 1020 feet
 From 1090 feet to 1110 feet
 From 1160 feet to 1220 feet
 From _____ feet to _____ feet

9. WATER LEVEL
 Static water level _____ feet below land surface
 Flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

Date started _____ 19____
 Date completed _____ 19____

7. WELL TEST DATA

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

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 CO., INC. Contractor
 Address 12030 E. RIGGS RD CHANDLER, AZ Contractor 85249
 Nevada contractor's license number issued by the State Contractor's Board 0019101
 Nevada contractor's driller's number issued by the Division of Water Resources _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1290
 Signed _____ By driller performing actual drilling on site or contractor
 Date _____

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