

DEEPENING OF LOG # 24185

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

STATE OF NEVADA  
DIVISION OF WATER RESOURCES  
WELL DRILLER'S REPORT

OFFICE USE ONLY  
Log No. 85059  
Permit No.  
Basin  
NOTICE OF INTENT NO. 46953

WELL # 1 - DEEPENING  
PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK  
SECTION 22 AACB1

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

1. OWNER NL BAROID, NL INDUSTRIES, INC.  
MAILING ADDRESS 912 DUNPHY RANCH ROAD  
BATTLE MOUNTAIN, NV 89820  
ADDRESS AT WELL LOCATION ROSSI MINE, ELKO COUNTY, NV  
2. LOCATION NE 1/4 NE 1/4 Sec. 22 T 37N N/S R 49E E ELKO County  
PERMIT NO. 42932 Issued by Water Resources  
TRACT OF LAND  
Subdivision Name

3. WORK PERFORMED  
 New Well  Replace  Recondition  Deepen  Abandon  Other  
4. PROPOSED USE  
 Domestic  Municipal/Industrial  Irrigation  Monitor  Test  Stock  
5. WELL TYPE  
 Cable  Rotary  RVC  Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
BLACK CHERT		400	560	160
HARD BLACK ROCK		560	700	140
BLK MED SOFT FORMATION	X	700	785	85

PULLED 8" SURFACE CASING AND REAMED HOLE TO PREVIOUS DEPTH OF 400' THEN DEEPEMED

8. WELL CONSTRUCTION  
Depth Drilled 785 Feet Depth Cased 785 Feet  
HOLE DIAMETER (BIT SIZE)  
10 5/8 Inches From 0 Feet To 785 Feet  
CASING SCHEDULE  
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)  
6 5/8 13 .188 +2 785

Perforations:  
Type perforation MILLSLOT  
Size perforation 3/16 X 3  
From 365 feet to 386 feet  
From 617 feet to 638 feet  
From 743 feet to 785 feet  
Surface Seal:  Yes  No  
Depth of Seal 50  
Placement Method:  Pumped  Poured  
Gravel Packed:  Yes  No  
From 50 feet to 785 feet  
Seal Type:  
 Neat Cement  Cement Grout  Concrete Grout

Date started 07/26/2001, 19  
Date completed 07/31/2001, 19

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	50		5

9. WATER LEVEL  
Static water level 287 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 HACKWORTH DRILLING, INC Contractor  
Address P.O. BOX 850 Contractor  
ELKO, NV 89803  
Nevada contractor's license number issued by the State Contractor's Board 020582  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1395  
Signed [Signature] By driller performing actual drilling on-site or contractor  
Date 08/10/2001