COLORADO
Division of Reclamation, Mining and Safety
Department of Natural Resources

MINERAL PROSPECTING DRILL HOLE
PERMANENT ABANDONMENT FINAL REPORT

Pursuant to the terms of 34-32-113(5.5)(d) and (e) of the Act and Rule 5.7 of the Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal, and Designated Mining Operations, abandonment reports shall be submitted to the Division within 60 days of abandonment for any drill hole with artesian flow, or within 12 months of abandonment for any other drill hole.

Rimrock	P-2023-011
(PROSPECT SITE NAME)	**(PROSPECT NOI No.)**

I. DRILL HOLE: Drill Hole I.D. No. 23WBRA010 (See attachment for holes 23WBRA

For this Section I, please attach completed drill hole logs **OR** complete the following information:

186 ft	2 ft	182 ft
(Total Depth)	(Depth of Unconsolidated Material)	(Depth of Penetration into Bedrock)

Was water encountered: No [XX] Yes [ ] if so, at what depth(s): [ ]

Was water encountered in either Volcanic or Sedimentary Rock: No [XX] Yes [ ]

Date Drilled: 3 Nov 2023 Date Permanently Abandoned: 15 Nov 2023

II. OPERATOR (PROSPECTOR) :

Thor Energy PLC / Standard Minerals Inc.	Boart Longyear
(Name)	(Name)
c/o Wolcott LLC 729 Bookcliff Ave	605 Union Pacific Way
(Address)	(Address)
Grand Junction / CO	Elko / NV
(City) (State)	(City) (State)
81501 / (970) 4625888	89801 / (775) 7381980
(Zip) (Telephone No.)	(Zip) (Telephone No.)

DRILLER:

III. LOCATION:

The following information is required for ALL prospecting drill holes:

NE 1/4 of the NE 1/4 of Section 16 Township 45N Range 18W

NMPM Principal Meridian San Miguel County

If the area has not been surveyed, supply the Longitude -108.85451 West and Latitude 38.15949 North, or attach a location map, preferably a USGS Quad.

The following additional information is required for artesian flowing holes:

N/A Feet ☐ North ☐ South from the ☐ South ☐ North section line

N/A feet ☐ east ☐ West from the ☐ west ☐ East section line

NOTE: In the case of closely spaced drill holes having similar geologic and hydrologic characteristics, the Operator may, with the approval of the Division, submit a single consolidated final report including the location of all drill holes and a description of abandonment technique. In such case, complete one abandonment final report form and attach a list of drill hole locations. If more space is needed to provide any of the information for this form, please attach separate sheets.

IV. Complete Either Subsection **A** or **B**:

PERMANENT ABANDONMENT (Check either box 1 or subsection 2 boxes as appropriate and provide the requested information)

☑ 1. Plugged dry hole, method of plugging: backfill hole with cuttings. If drilled wet, pump sump

Depth at which concrete plug set: N/A feet below ground surface.

☐ 2. Sealed Hole (when groundwater is encountered):

☐ 2a. Neat Cement Grout, top to bottom: grout mixture used:

N/A

Intervals grouted (feet beneath ground surface, method and materials):

N/A

☐ 2b. Neat Cement Grout, interval grouting: grout mixture used:

N/A

Intervals grouted (feet beneath ground surface, method and materials):

N/A

☐ 2c. Abandonment Fluid Mixture (Such as Sodium Bentonite with Polymer) Brand Name:

N/A

Marsh Funnel viscosity of abandonment fluid: sec.

Type of surface plugging used: N/A

Depth at which plug set: N/A feet below ground surface,

Method: N/A

☐ 2d. Other method used with approval of the Division of Reclamation, Mining and Safety; describe in detail method and materials used on a separate attached sheet.

B. CONVERSION TO A WATER WELL

State Engineer's Permit No.: N/A (attach copy of permit)

County Where Well is Located: N/A

Water Well Use: N/A

V. METHOD OF RECLAIMING DRILL SITE SURFACE DISTURBANCE:

If present, a sump was backfilled and then the pad regraded to approximate natural surface before disturbance, reserved topsoil respread, then seeded with an approved mix and then raked/harrowed to cover seeds

The Operator who conducted the prospecting drill operation states that the information set forth hereupon is true to the best of their knowledge.

Tony Adkins	Geologist
(Name of Operator's Representative)	(Title)
Tony Adkins	30 May 2024
(Signature of Operator's Representative)	(Date)

Colorado Division of Reclamation Mining and Safety

MINERAL PROSPECTING DRILL HOLE PERMANENT ABANDONMENT FINAL REPORT

Prospect Number	Prospect Site Name	Project Area	DH ID	Total Depth (ft)	Depth of unconsolidated material	Depth of Penetration into bedrock	Was water encountered?	Was water encountered in either volcanic or sedimentary rock?	Date Drilled	Date Permanently Abandoned
P-2023-011	Wedding Bell Mountain	Rimrock	23WBRA010	186	2	184	No	No	3 Nov 2023	15 Nov 2022
P-2023-011	Wedding Bell Mountain	Rimrock	23WBRA011	325	2	323	No	No	5 Nov 2023	15 Nov 2022
P-2023-011	Wedding Bell Mountain	Rimrock	23WBRA012	310	2	308	No	No	5 Nov 2023	15 Nov 2022
P-2023-011	Wedding Bell Mountain	Rimrock	23WBRA013	325	2	323	No	No	14 Nov 2022	16 Nov 2022
P-2023-011	Wedding Bell Mountain	Rimrock	23WBRA014	325	2	323	No	No	15 Nov 2022	16 Nov 2022
P-2023-011	Wedding Bell Mountain	Rimrock	23WBRA015	325	2	323	No	No	15 Nov 2022	17 Nov 2022
P-2023-011	Wedding Bell Mountain	Rimrock	23WBRA016	485	2	483	No	No	9 Nov 2023	18 Nov 2022

Operator	Driller	¼ ¼ Sec T R Meridian	County	Easting (WGS84 UTM Zn12)	Northing	Elevation (m)	Longitude	Latitude WGS84
Thor Energy PLC/Standard Minerals, Inc. c/o Wolcott LLC 739 Bookcliff Ave Grand Junction, CO 81501	Boart Longyear 605 Union Pacific Way Elko NV 89801 (775) 738-1980	NE¼ NE1/4 Sec 16 T45N R18W NMPM	Montrose	687970	4225686	2022	-108.85451	38.15949
Thor Energy PLC/Standard Minerals, Inc. c/o Wolcott LLC 739 Bookcliff Ave Grand Junction, CO 81501	Boart Longyear 605 Union Pacific Way Elko NV 89801 (775) 738-1980	NE¼ NE1/4 Sec 16 T45N R18W NMPM	Montrose	688010	4225566	2038	-108.85409	38.15840
Thor Energy PLC/Standard Minerals, Inc. c/o Wolcott LLC 739 Bookcliff Ave Grand Junction, CO 81501	Boart Longyear 605 Union Pacific Way Elko NV 89801 (775) 738-1980	NE¼ NE1/4 Sec 16 T45N R18W NMPM	Montrose	687957	4225545	2030	-108.85470	38.15822
Thor Energy PLC/Standard Minerals, Inc. c/o Wolcott LLC 739 Bookcliff Ave Grand Junction, CO 81501	Boart Longyear 605 Union Pacific Way Elko NV 89801 (775) 738-1980	NE¼ NE1/4 Sec 16 T45N R18W NMPM	Montrose	687976	4225613	2030	-108.85446	38.15883
Thor Energy PLC/Standard Minerals, Inc. c/o Wolcott LLC 739 Bookcliff Ave Grand Junction, CO 81501	Boart Longyear 605 Union Pacific Way Elko NV 89801 (775) 738-1980	NE¼ NE1/4 Sec 16 T45N R18W NMPM	Montrose	688000	4225656	2026	-108.85418	38.15921
Thor Energy PLC/Standard Minerals, Inc. c/o Wolcott LLC 739 Bookcliff Ave Grand Junction, CO 81501	Boart Longyear 605 Union Pacific Way Elko NV 89801 (775) 738-1980	NE¼ NE1/4 Sec 16 T45N R18W NMPM	Montrose	687939	4225656	2022	-108.85487	38.15923
Thor Energy PLC/Standard Minerals, Inc. c/o Wolcott LLC 739 Bookcliff Ave Grand Junction, CO 81501	Boart Longyear 605 Union Pacific Way Elko NV 89801 (775) 738-1980	NE¼ NE1/4 Sec 16 T45N R18W NMPM	Montrose	687937	4225413	2040	-108.85496	38.15704

Elevation (ft)	Hole Plugging Method	Method of Reclaiming drill site surface disturbance	Notes
6631	No casing, surface or otherwise was left in the hole. The hole backfilled with dry cuttings or if wet cuttings, the sump was pumped back into the hole to within 5 feet of the surface, then a spider-type plug was placed and then backfilled to the surface with high-quality bentonite chips.	If present, a sump was backfilled and then the pad regraded to approximate natural surface before disturbance, reserved topsoil respread, then seeded with an approved mix and then raked/harrowed to cover seeds	Hole hit mine workings at 184 feet
6683	No casing, surface or otherwise was left in the hole. The hole backfilled with dry cuttings or if wet cuttings, the sump was pumped back into the hole to within 5 feet of the surface, then a spider-type plug was placed and then backfilled to the surface with high-quality bentonite chips.	If present, a sump was backfilled and then the pad regraded to approximate natural surface before disturbance, reserved topsoil respread, then seeded with an approved mix and then raked/harrowed to cover seeds	
6658	No casing, surface or otherwise was left in the hole. The hole backfilled with dry cuttings or if wet cuttings, the sump was pumped back into the hole to within 5 feet of the surface, then a spider-type plug was placed and then backfilled to the surface with high-quality bentonite chips.	If present, a sump was backfilled and then the pad regraded to approximate natural surface before disturbance, reserved topsoil respread, then seeded with an approved mix and then raked/harrowed to cover seeds	
6659	No casing, surface or otherwise was left in the hole. The hole backfilled with dry cuttings or if wet cuttings, the sump was pumped back into the hole to within 5 feet of the surface, then a spider-type plug was placed and then backfilled to the surface with high-quality bentonite chips.	If present, a sump was backfilled and then the pad regraded to approximate natural surface before disturbance, reserved topsoil respread, then seeded with an approved mix and then raked/harrowed to cover seeds	
6645	No casing, surface or otherwise was left in the hole. The hole backfilled with dry cuttings or if wet cuttings, the sump was pumped back into the hole to within 5 feet of the surface, then a spider-type plug was placed and then backfilled to the surface with high-quality bentonite chips.	If present, a sump was backfilled and then the pad regraded to approximate natural surface before disturbance, reserved topsoil respread, then seeded with an approved mix and then raked/harrowed to cover seeds	
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6691	No casing, surface or otherwise was left in the hole. The hole backfilled with dry cuttings or if wet cuttings, the sump was pumped back into the hole to within 5 feet of the surface, then a spider-type plug was placed and then backfilled to the surface with high-quality bentonite chips.	If present, a sump was backfilled and then the pad regraded to approximate natural surface before disturbance, reserved topsoil respread, then seeded with an approved mix and then raked/harrowed to cover seeds	