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.

Ground Hog	P-2023-009
(PROSPECT SITE NAME)	**(PROSPECT NOI No.)**

I. DRILL HOLE: Drill Hole I.D. No. 23WBRA017 (See attachment for holes 23WBRA

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

340 ft	2 ft	338 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: 10 Nov 2023 Date Permanently Abandoned: 18 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 21 Township 45N Range 18W

NMPM Principal Meridian San Miguel County

If the area has not been surveyed, supply the Longitude -108.85359 West and Latitude 38.14447 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-2023-009	Wedding Bell Mountain	Ground Hog	23WBRA017	340	2	338	No	No	10 Nov 2023	18 Nov 2022
P-2023-009	Wedding Bell Mountain	Ground Hog	23WBRA018	340	2	338	No	No	11 Nov 2023	18 Nov 2022
P-2023-009	Wedding Bell Mountain	Ground Hog	23WBRA019	340	2	338	No	No	12 Nov 2023	19 Nov 2022
P-2023-009	Wedding Bell Mountain	Ground Hog	23WBRA020	345	2	343	No	No	14 Nov 2023	20 Nov 2022
P-2023-009	Wedding Bell Mountain	Ground Hog	23WBRA021	325	2	323	No	No	14 Nov 2023	21 Nov 2022
P-2023-009	Wedding Bell Mountain	Ground Hog	23WBRA022	340	2	338	No	No	15 Nov 2023	22 Nov 2022
P-2023-009	Wedding Bell Mountain	Ground Hog	23WBRA023	445	2	443	No	No	15 Nov 2023	28 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 21 T45N R18W NMPM	San Miguel	688089	4224022	2098	-108.85359	38.14448
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 21 T45N R18W NMPM	San Miguel	688051	4224007	2100	-108.85403	38.14435
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 21 T45N R18W NMPM	San Miguel	688047	4224017	2102	-108.85407	38.14444
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 21 T45N R18W NMPM	San Miguel	688093	4223969	2092	-108.85356	38.14400
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 21 T45N R18W NMPM	San Miguel	688123	4223999	2092	-108.85321	38.14426
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	NW¼ NW1/4 Sec 22 T45N R18W NMPM	San Miguel	688218	4224064	2089	-108.85211	38.14483
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	NW¼ NW1/4 Sec 22 T45N R18W NMPM	San Miguel	688435	4224036	2091	-108.84964	38.14453

Elevation (ft)	Hole Plugging Method	Method of Reclaiming drill site surface disturbance	Notes
6883	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	
6889	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	
6893	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	
6863	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	
6862	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	
6851	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	
6859	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	