

0041



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

C0070639

3068

R

October 16, 2008

Lori Hunsaker, Deputy State Historic Preservation Officer
State Historic Preservation Office- Compliance
300 S Rio Grande Street
Salt Lake City, UT 84101

Subject: Cultural Resource Survey- Dugout Canyon Mine Proposed Drill Holes and Access Road (G-22 &R-01)

Dear Ms. Hunsaker:

Attached is an intensive cultural resource survey and inventory for a proposed project at the Dugout Canyon Coal Mine facility in Carbon County Utah. The proposed project includes the construction of a methane degasification well (G-22) and associated access road (R-01).

The cultural resource survey and inventory report was produced by Senco-Phenix, and was received by the Utah Division of Oil, Gas and Mining (the Division) on October 1st, 2008.

No historic properties were located during the inventory. In accordance with Utah Code § 9-8-404, the division has determined that this undertaking will not affect historic properties, and requests your concurrence with this determination.

If you have any questions, please feel free to call me at (801) 538-5262 or Steve Christensen at (801) 538-5350.

Sincerely,

Daron Haddock
Permit Supervisor

sqs

O:\007039.DUG\FINAL\WG3068





SENCO-PHENIX

An Intensive Cultural Resource Survey and Inventory of the G-22 & R-01 Proposed Drill Holes and Access Corridors in the Pace Canyon Area

Private Lands

Carbon County, Utah

PERFORMED FOR
Dugout Canyon Mine of
Canyon Fuel Company, LLC

In Accordance with
Utah State Guidelines
Antiquities Permit #U08SC0423p

SPUT-573
June 28, 2008

John A. Senulis

Direct Charge of Fieldwork

CONFIDENTIAL

UTAH SHPO COVER SHEET

Project Name: An Intensive Cultural Resource Survey and Inventory of the G-22 & R-01 Proposed Drill Holes and Access Corridors in the Pace Canyon Area

Dugout Canyon Mine of Canyon Fuels LLC.

State # U08SC0423p

Report Date: June 28, 2008

County (ies): Carbon

Principal Investigator/ Field Supervisor: John A. Senulis/John Senulis

Records Search/Location/Dates: May 20, 2008, Price River Field Office of the BLM

Acreage Surveyed: 20 acres

Intensive Acres: 20

Recon/Intuitive Acres: 0

U.S.G.S. 7.5 Quad: Mount Bartles, Utah (1972) & Pine Canyon, Utah (1972)

Sites Reported	Number	Smithsonian Site #(s):
Archeological Sites:	0	
Revisit (No IMACS update)	0	
Revisit (IMACS update attch.)	0	
New Sites (IMACS attached)	0	
Archeological Site Total:	0	
Historic Structures:		
(USHS Site Form Attached)		
Total NRHP Eligible Sites,	0	

Checklist of Required Items:

1. X 1 Copy of Final Report
2. X Copy of U.S.G.S. 7.5' map showing surveyed/excavated area
3. Completed IMACS Site Inventory Forms including
 - _____ Parts A and B or C
 - _____ IMACS Encoding Form
 - _____ Site Sketch Map
 - _____ Photographs
 - _____ Copy of USGS 7.5' Quad with Smithsonian site Number
4. X Completed Cover Sheet

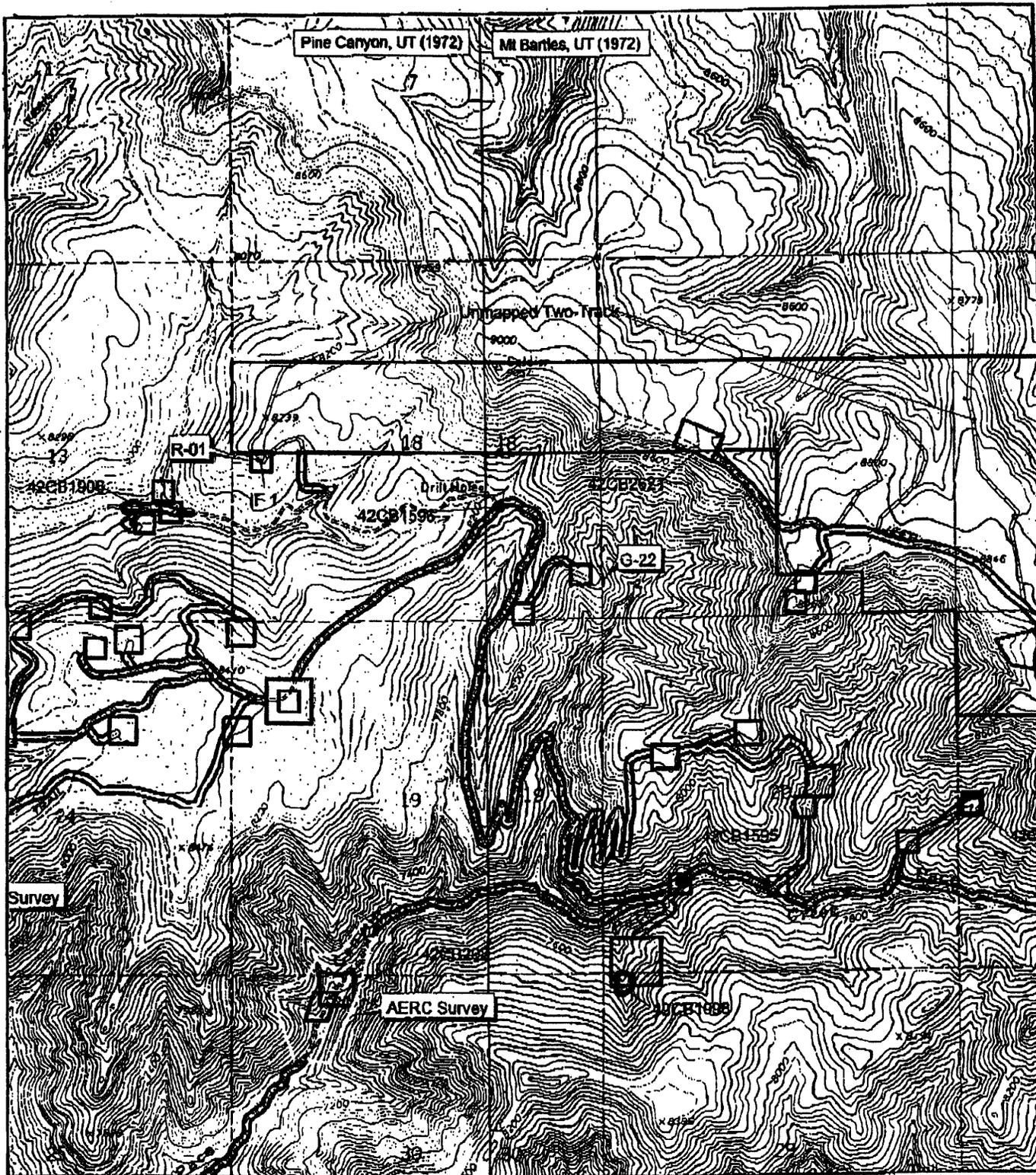
Abstract

The Dugout Canyon Mine of Canyon Fuel LLC has proposed the G-22 and R-01 drill holes and access roads. SENCO-PHENIX performed an intensive cultural resource survey on the proposed drill hole locations and access corridors. The purpose of the survey was to identify and evaluate cultural resources that may exist within the project area.

Cultural resources were located consisting of an isolated finding of an historic glass.

- IF 1 is two fragments of broken glass. Both fragments are extremely small, under ½ inch. One is purple and one is aqua. Both of those glass types date to the turn of the twentieth century. Because of the small size and location at the edge of a formerly bladed road the artifacts are out of context and were displaced from their original location. The isolates are not recommended for nomination to the National Register of Historic Places. (541 864 mE, 4393683 mE)

No other cultural resources were located and the potential for undetected remains is remote. A finding of no effect is appropriate and archeological clearance without stipulations is recommended.



SENCO-PHENIX



Scale 1:24,000
1" = 2,000'

-  Current Survey
-  Previous Survey
-  Eligible Sites
-  Ineligible Sites

G-22 & R-01
 Well Pads & Access Roads
 Dugout Mine of Canyon Fuel, LLC
 Section 18, T13S, R13E
 Carbon County, Utah
 June 2008
 SPUT-573

Project Location

The proposed G 22 drill hole location and access corridor is in the SE/SE ¼ of Section 18, T13S, R13E and the proposed R-01 well pad and access corridor is in the NW/SW ¼ of Section 18, T13S, R13E, both Carbon County, Utah. The surveys were on Private Lands. The project areas were flagged. The proposed project is noted on the enclosed copy of U.S.G.S. 7.5' composite Quad: Mount Bartles, Utah (1972) & Pine Canyon, Utah (1972).

Environment

The project areas are within the perennial Pace Creek drainage. Soils are light tan sandy clay loam with gravels. Vegetation includes a riparian community consisting of cottonwood, aspen, willow, mountain mahogany, serviceberry, rabbitbrush, low sagebrush, grasses and forbs surrounded by mixed conifer forest. The upper project area is a mesa above Pace Canyon. The mesa is basically Pinyon-Juniper with stands of aspen and pine intermixed with sagebrush. The understory consists of mountain mahogany, rabbitbrush, ephedra, galleta grass, yucca, and serviceberry. Intermediary between these zones is mixed conifer forest.

Modifications to the existing environment include ongoing ranching activities with fences, water troughs and roads. There are remnants of timbering activity, which began in the 1960s including cleared areas and slash piles, abandoned heavy equipment and access roads. The most recent modifications are the degas well locations and associated roads and road upgrades.

Previous Research

A file search by John Senulls of SENCO-PHENIX at the Price River Field Office of the BLM on May 20, 2008 revealed that the following projects are reported for the current project area:

- 1980, AERC surveyed several sample blocks in Sections 13 and 24, T13S, R12E and Sections 18, 19 and 30 T13S, R13E. They also surveyed the access road into the Snow Mine site. One archeological site was located:
 - 42CB292 The site was described as "Coal mine located in Pace Canyon consists of one known mine portal which has been closed. Site of historic Snow Mine in Pace Canyon which was active in 1906 but had its primary production period from 1932-1940." The site was relatively pristine at the time and still contained a standing coal loadout and foundation with depth potential. Avoidance was recommended pending further historic research. As noted the site has since been extensively modified.
- 2001, SENCO-PHENIX surveyed several drill holes and an extensive series of roads. Two new sites were recorded and one previously recorded site was re-recorded (01-240):
 - 42CB292 The site was the historic Snow Mine in Pace Canyon, which was active in 1906 but had its primary production period from 1932-1940. The area has been heavily logged since the initial recordation and the area around the mine extensively disturbed by heavy equipment, probably dozed. The foundation has been destroyed and the coal loadout has been collapsed and pushed into the bed of Pace Creek. The rock-covered adit and adjacent stonewall are still there on the other side of Pace Creek. There are two 6 x 10 dugouts used as coal loadouts on the west side of the road. Other than recent trash no artifacts were observed. The integrity of the site has been basically destroyed. The site was not recommended for the NRHP.
 - 42CB1595 was a small wood framed one-room cabin that was probably related to the logging industry. It was not recommended for nomination to the NRHP.