

From: Priscilla Burton
To: Jay Marshall; OGMCOAL
CC: Helfrich, Joe; Steab, Suzanne
Date: 1/31/2011 3:09 PM
Subject: Horse Canyon Outgoing and Internal Files, Inspection Report #2601
Attachments: Insp Rpt 2601_20110131150052.pdf; Guide to Hawks_20110131150241.pdf

Hello Jay,
Attached is technical inspection report #2601 concerning my visit to the south facing breakouts on 12/15/2010.
I have also attached a pamphlet about bird identification for Randy Hunt. Please pass it along to him.
Thank you,
Priscilla.

Priscilla Burton, CPSSc
Division Oil Gas & Mining
319 Carbonville Rd., Ste. C
Price UT 84501
(435) 613-3733



The State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

Representatives Present During the Inspection:

OGM Priscilla Burton

Inspection Report

Permit Number:	C0070013
Inspection Type:	TECHNICAL
Inspection Date:	Wednesday, December 15, 2010
Start Date/Time:	12/15/2010 11:30:00 AM
End Date/Time:	12/15/2010 2:30:00 PM
Last Inspection:	Tuesday, November 30, 2010

Inspector: Priscilla Burton

Weather: sun, 45 F

InspectionID Report Number: 2601

Accepted by: jhelfric

12/16/2010

Permitee: **UTAHAMERICAN ENERGY INC**

Operator: **UTAHAMERICAN ENERGY INC**

Site: **HORSE CANYON MINE**

Address: **PO BOX 910, EAST CARBON UT 84520-0910**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

5,992.07	Total Permitted
42.60	Total Disturbed
74.26	Phase I
74.26	Phase II
74.26	Phase III

Mineral Ownership

- Federal
- State
- County
- Fee
- Other

Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

I contacted Jay Marshall an hour prior to hiking to the site of the ventilation portal breakout to observe surface soil conditions. Jay was unable to accompany me. At the ventilation breakout, I spoke with Randy Hunt. Photographs from today's inspection are in the images folder with the dated 12/15/2010.

Inspector's Signature:

Priscilla Burton,

Inspector ID Number: 37

Date Wednesday, December 15, 2010

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

Task 3705 (ventilation breakouts) was approved on 12/9/2010.

2. Signs and Markers

The three ventilation breakouts to the south of the portal have been surveyed and staked..

3. Topsoil

The south face of the topsoil stockpile is being graded. The locations of the ventilation breakouts are shown on Map 2-3. Topsoil in the vicinity of the ventilation breakouts is shallow and in pockets on a very steep, bouldery slope. Photographs of the soil surface at the three ventilation breakouts were taken. The first ventilation breakout was at the southern most location shown on Plate 2-3. It was created on 12/14/2010. The opening is approximately 20 ft X 20 ft. and will be widened another 10 ft. in both directions. The soil around the opening is undisturbed. The spoil will be sloped from the surface to create an exit from the mine.

4.c Hydrologic Balance: Other Sediment Control Measures

The first breakout for ventilation begun yesterday (12/14/2010). Today the crews are stabilizing the opening. There was no surface disturbance outside of the immediate area of the opening. All soil and rock fell into the opening.

8. Noncoal Waste

Two containers of petroleum product on the coal stockpile pad should be moved to the appropriate location.

9. Protection of Fish, Wildlife and Related Environmental Issues

A dusting of coal fines from portal conveyor were noted just beyond the berm signifying the permit area boundary.

A GUIDE TO HAWKS SEEN IN NORTH AMERICA

These are migrants seen in most of North America. Because many species differ in appearance due to age and various light and dark morphs, especially in the west, only the adult of the most common form is illustrated.

KNOW YOUR SILHOUETTES



FALCONS

Streamlined - long, pointed wings; long, tapered tail; strong rowing wing beats; wings look less pointed and tail less tapered when not in direct flight.



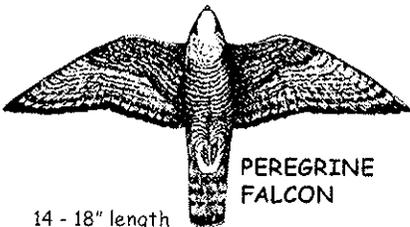
ACCIPITERS

Short, wide, rounded wings; long tail; flap-flap-flap-glide flight.



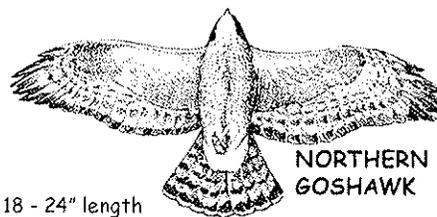
BUTEOS

Broad wings and broad, rounded tail; often seen soaring in wide circles high in the air.



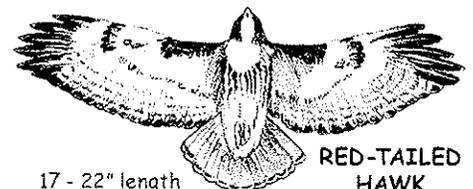
PEREGRINE FALCON

- 14 - 18" length
- Light breast and throat.
- Crow size.
- Quick, powerful wingbeats.



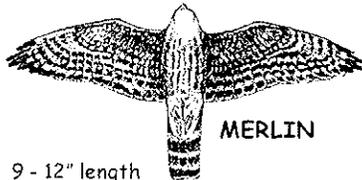
NORTHERN GOSHAWK

- 18 - 24" length
- Pale underbody; gray upperparts.
- Prominent white undertail coverts.
- Heavy body; larger than crow.



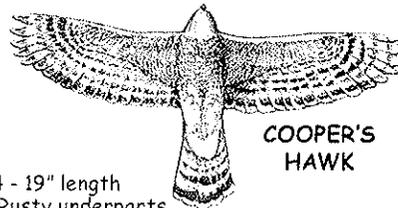
RED-TAILED HAWK

- 17 - 22" length
- Unmarked light-to-red tail; 9 morphs.
- Light breast; variably streaked belly band.
- Dark leading edge to wing; shallow dihedral.



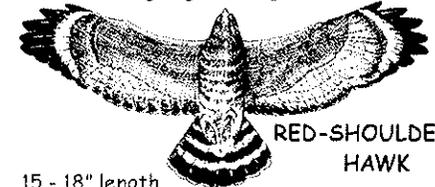
MERLIN

- 9 - 12" length
- Banded tail.
- Dark; heavily streaked underneath.
- Fast, direct flight.



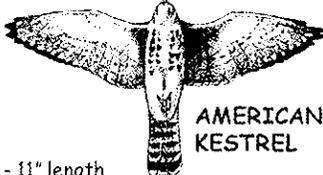
COOPER'S HAWK

- 14 - 19" length
- Rusty underparts.
- Round-tipped, long tail.
- Near size of crow; stiff wing beats.



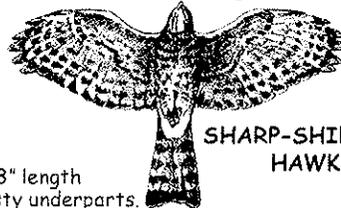
RED-SHOULDERED HAWK

- 15 - 18" length
- Black tail with narrow, white bands.
- Dark wing linings.
- Crescent "windows" near tip of wing.



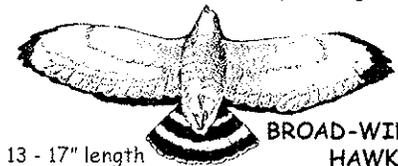
AMERICAN KESTREL ♀

- 8 - 11" length
- Light underneath; size of jay; buoyant flight.
- Tail: rufous - male; reddish, barred brown - female.
- Wings above: blue-male; barred brown-female.



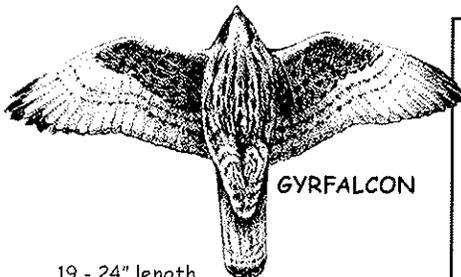
SHARP-SHINNED HAWK

- 9 - 13" length
- Rusty underparts.
- Square or notched tail tip.
- Near size of jay; floppy wing beats.



BROAD-WINGED HAWK

- 13 - 17" length
- Smallest buteo; crow size.
- Short tail with equal black and white bands.
- Whitish underwings with dark trailing edge.



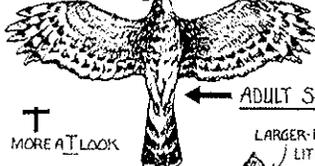
GYRFALCON

- 19 - 24" length
- Robust body; larger than Peregrine.
- 3 color morphs.
- Rare Arctic visitor.

NOTE: Some hawks soar and glide with their wings raised above the horizontal, called a dihedral.

SHARP-SHINNED vs COOPER'S

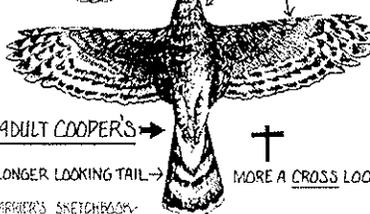
SMALLER-LESS HEAD PROTRUSION / MORE CURVED LEADING WING EDGE / NOTICEABLE WRIST



ADULT SHARP-SHINNED

T
MORE A T LOOK

LARGER-MORE PROTRUDING HEAD / LITTLE-OR NO WRIST BEND



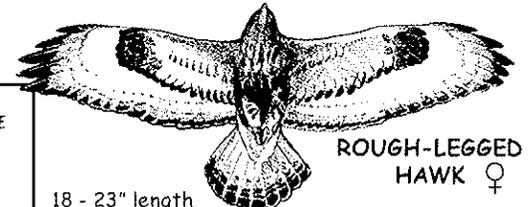
ADULT COOPER'S

LONGER LOOKING TAIL

+

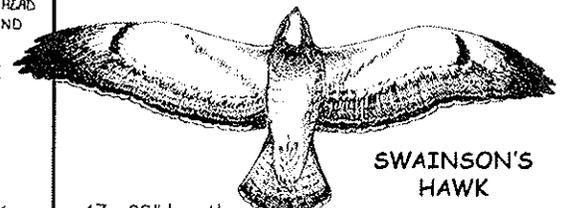
MORE A CROSS LOOK

PAUL CARPENTER'S SKETCHBOOK



ROUGH-LEGGED HAWK ♀

- 18 - 23" length
- Dark belly (most); dark wrists; strong dihedral.
- Tail white; 1 or more dark subterminal bands.
- Dark morph: dark body and wing linings.



SWAINSON'S HAWK

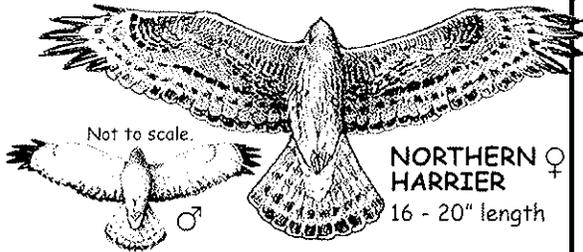
- 17 - 22" length
- Dark breast and flight feathers.
- White belly and wing linings; 3 morphs.
- Soars with strong dihedral.

REGIONAL SPECIALTIES



OSPREY
21 - 26" length

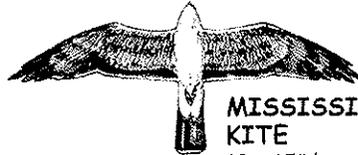
- Eagle sized; clean, white body.
- Black wrist marks.
- Glides with kink (M) in long, narrow wings.



NORTHERN HARRIER ♀
16 - 20" length

- Long, narrow wings and tail; sharp dihedral.
- Brown above, streaked brown below - female.
- Gray above, pale below with black wing tips - male.

SOUTHERN



MISSISSIPPI KITE
13 - 15" length

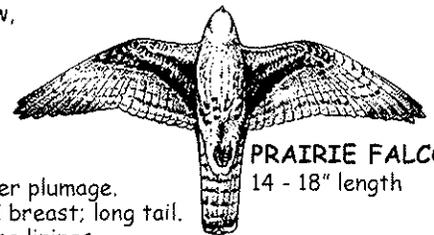
- Long, pointed wings; slim body.
- Light body; dark wings; narrow, black tail.
- Buoyant, acrobatic flight.

WESTERN



FERRUGINOUS HAWK
20 - 26" length

- Largest buteo; eagle-like.
- Pale below with dark leggings.
- Mostly white tail; 3 color morphs.



PRAIRIE FALCON
14 - 18" length

- Size of Peregrine; much paler plumage.
- Narrow moustache; spotted breast; long tail.
- Dark armpits and partial wing linings.

WING PROFILE



BALD EAGLE



GOLDEN EAGLE

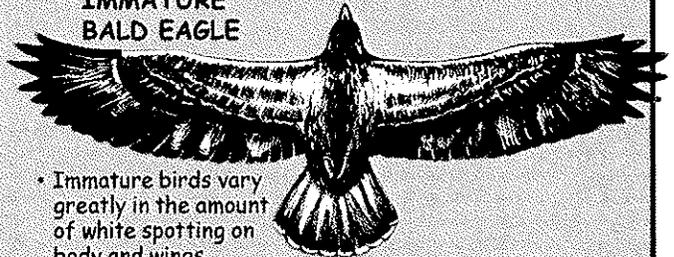


27 to 35" length

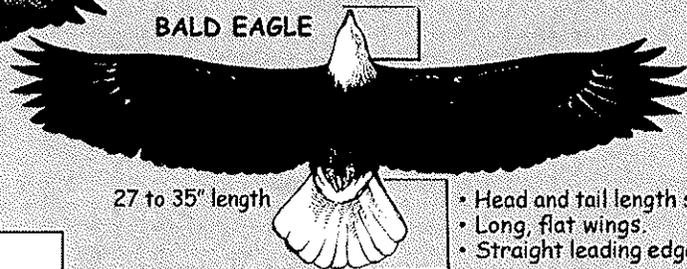
- Like large buteo, curvy wings.
- Head protrudes much less than tail.
- Slight dihedral to wing profile.

NOTE: Some hawks soar and glide with their wings raised above the horizontal, called a dihedral.

IMMATURE BALD EAGLE



- Immature birds vary greatly in the amount of white spotting on body and wings.
- White showing on wing linings is surely a Bald Eagle.



BALD EAGLE

27 to 35" length

- Head and tail length similar.
- Long, flat wings.
- Straight leading edge to wings.



24 to 28" length

TURKEY VULTURE

- Dark wing linings with light flight feathers.
- Small head; long tail; sharp dihedral.



23 to 28" length

BLACK VULTURE

- Small head; shorter wings and tail than TV.
- White primary patches; wings held flat; stiff wing beats.

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