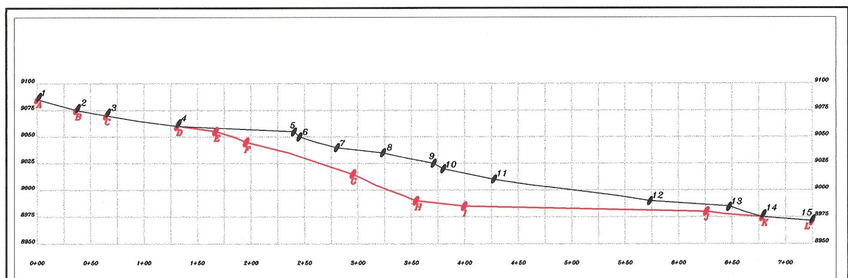


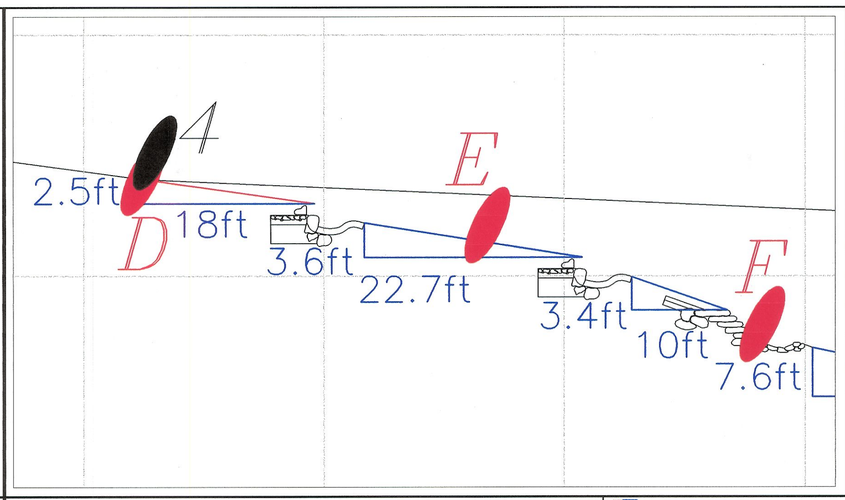
SECTION	DIST.	SLOPE	SECTION	DIST.	SLOPE	SECTION	DIST.	SLOPE
A–B	38'	26.3%	J–K	52'	9.6%	7–8	43'	11.6%
B–C	27'	18.5%	K–L	47'	8.5%	8–9	49'	20.4%
C–D	67'	14.9%				9–10	10'	50%
D–E	36'	13.9%	1–2	38'	26.3%	10–11	48'	20.8%
E–F	30'	33.3%	2–3	27'	18.5%	11–12	146'	13.7%
F–G	104'	28.8%	3–4	67'	14.9%	12–13	75'	6.7%
G–H	64'	39.1%	4–5	110'	4.5%	13–14	32'	31.2%
H–I	48'	10.8%	5–6	7'	71.4%	14–15	47'	8.5%
I–J	226'	2.2%	6–7	36'	27.8%			

NOTE: SEE STREAM.DWG FOR PROFILE LOCATIONS

LEGEND:
PROPOSED STREAM
EXISTING STREAM

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

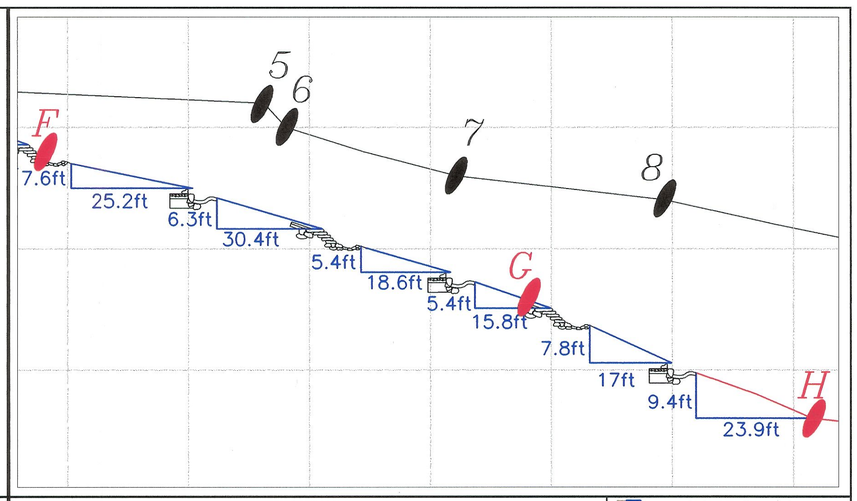
Drawn By: JASON BENNETT | Date: Feb. 18, 2001 | Scale: NTS
Approval: DAVE MILLER | Drawing Location: C:\JASON\WHITE OAK\STREAM PROFILES.DWG
Drawing: WHISKY CREEK PROFILE



LEGEND:
PROPOSED STREAM
EXISTING STREAM

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

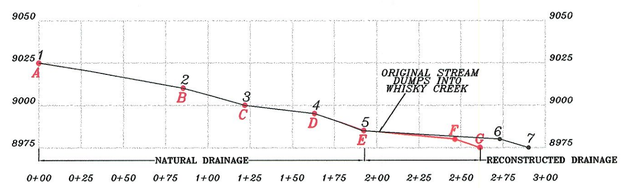
DRAWN BY: RR	SCALE: NTS
APPROVAL: DAVE MILLER	SHEET: 1 of 1
TITLE: DROP/STREAM PROFILE	DATE: FEB. 28, 2001
DRAWING: C:\Dave/ profile2.dwg	REV. DATE:



LEGEND:

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

DRAWN BY: RR	SCALE: NTS
APPROVAL: DAVE MILLER	SHEET: 1 of 1
TITLE: Drop/Stream Profile	DATE: FEB. 28, 2001
DRAWING: C:\Dave/ profile2.dwg	REV. DATE:



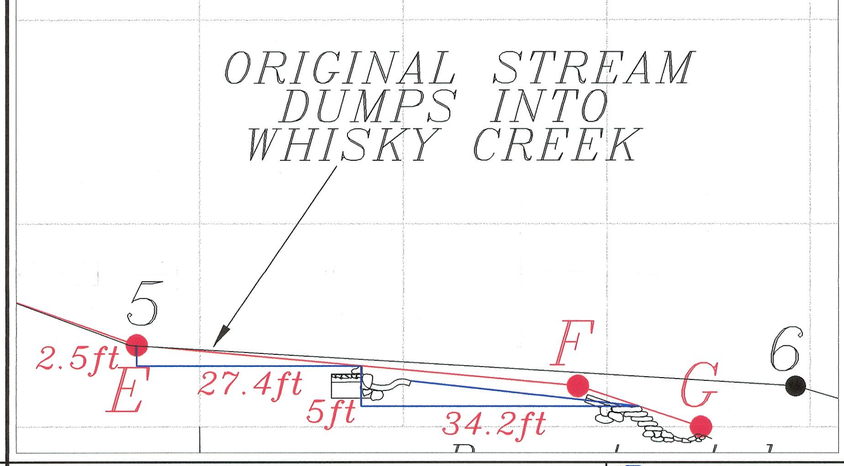
SECTION	DIST.	SLOPE	SECTION	DIST.	SLOPE
A–B	85'	17.6%	1–2	85'	17.6%
B–C	37'	27%	2–3	37'	27%
C–D	41'	12.2%	3–4	41'	12.2%
D–E	29'	34.5%	4–5	29'	34.5%
E–F	54'	9.3%	5–6	80'	6.7%
F–G	15'	33.3%	6–7	17'	29%

NOTE: SEE STREAM.DWG FOR PROFILE LOCATIONS

LEGEND:
PROPOSED STREAM
EXISTING STREAM

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

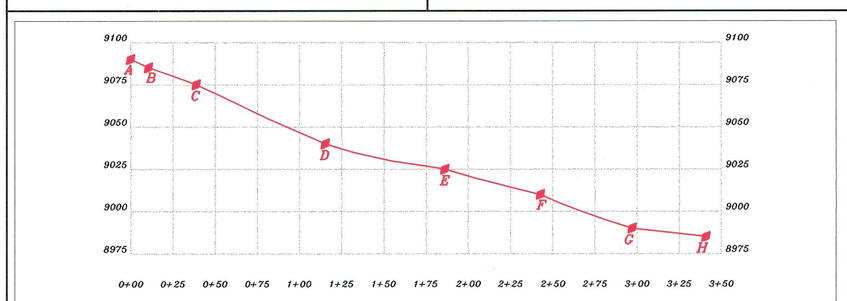
Drawn By: JASON BENNETT | Date: Feb. 17, 2001 | Scale: 1" = 50'
Approval: DAVE MILLER | Drawing Location: C:\JASON\WHITE OAK\STREAM-PROFILES.DWG
Drawing: EAST STREAM PROFILE



LEGEND:

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

DRAWN BY: RR	SCALE: NTS
APPROVAL: DAVE MILLER	SHEET: 1 of 1
TITLE: East Stream Profile (E-G)	DATE: FEB. 28, 2001
DRAWING: C:\Dave\stream profile.dwg	REV. DATE:



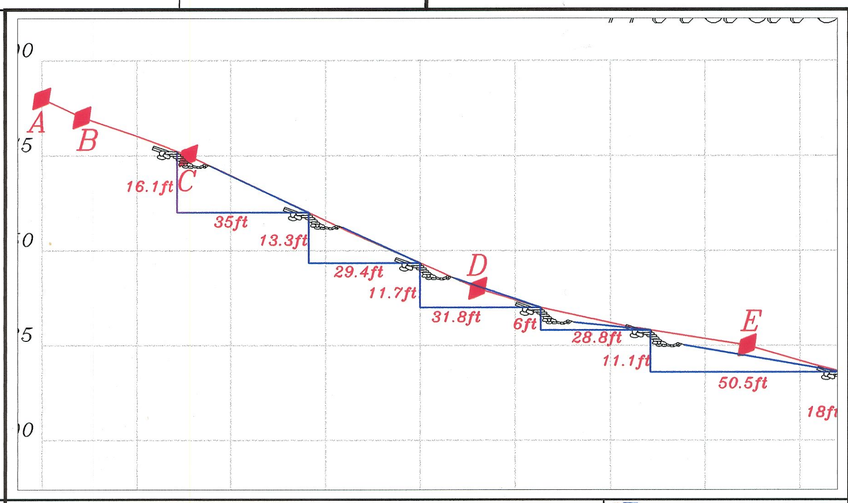
SECTION	DIST.	SLOPE	SECTION	DIST.	SLOPE
A–B	10'	50%	E–F	57'	26.3%
B–C	28'	35.7%	F–G	55'	36.4%
C–D	76'	46%	G–H	44'	11.4%
D–E	71'	21.1%			

NOTE: SEE STREAM.DWG FOR PROFILE LOCATIONS

LEGEND:
PROPOSED STREAM

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

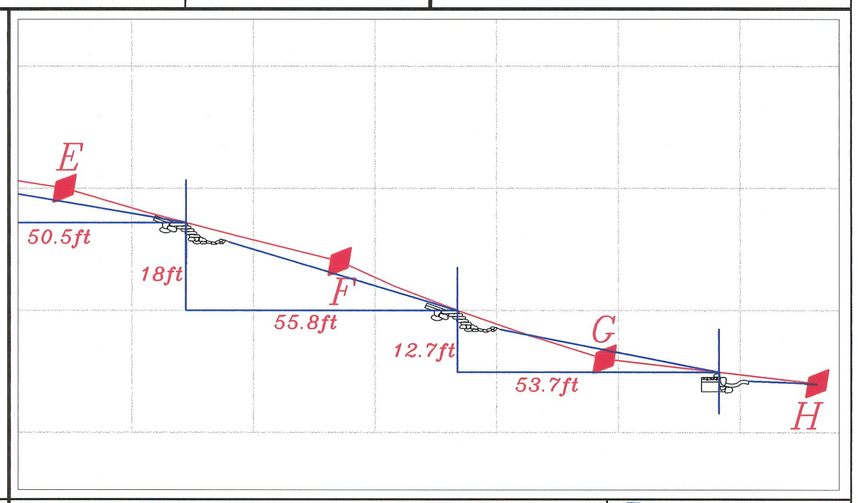
DRAWN BY: RR	SCALE: 1:50
APPROVAL: DAVE MILLER	SHEET: 1 of 1
TITLE: Middle Stream Profile	DATE: FEB. 28, 2001
DRAWING: C:\Jason/White Oak/Stream Profiles.dwg	REV. DATE:



LEGEND:

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

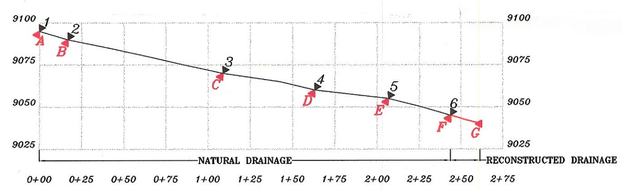
DRAWN BY: RR	SCALE: NTS
APPROVAL: DAVE MILLER	SHEET: 1 of 1
TITLE: Middle Stream Profile (A–E)	DATE: FEB. 28, 2001
DRAWING: \\Lat1\c\Dave\ stream dwgs01.dwg	REV. DATE:



LEGEND:

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

DRAWN BY: RR	SCALE: NTS
APPROVAL: DAVE MILLER	SHEET: 1 of 1
TITLE: Middle Stream Profile (E–H)	DATE: FEB. 28, 2001
DRAWING: C:\Dave\ stream profile.dwg	REV. DATE:



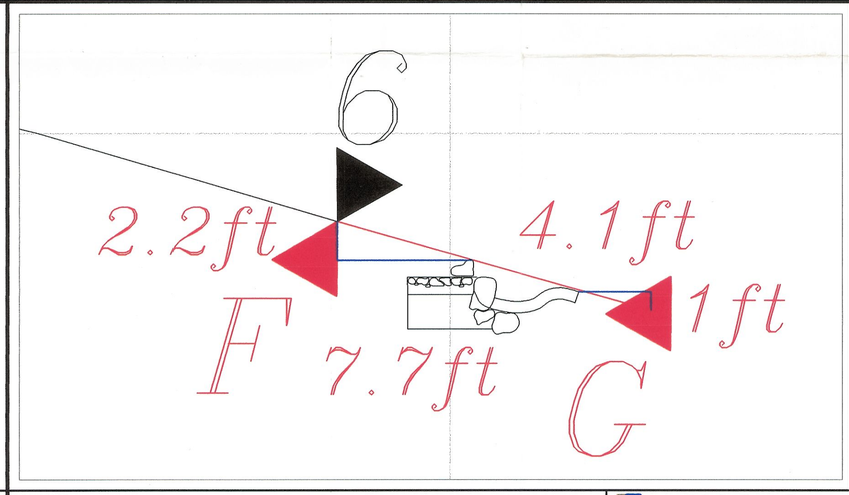
SECTION	DIST.	SLOPE	SECTION	DIST.	SLOPE
A–B	17'	29.4%	1–2	17'	29.4%
B–C	92'	21.7%	2–3	92'	21.7%
C–D	54'	18.5%	3–4	54'	18.5%
D–E	44'	11.4%	4–5	44'	11.4%
E–F	37'	27%	5–6	37'	27%
F–G	18'	27%			

NOTE: SEE STREAM.DWG FOR PROFILE LOCATIONS

LEGEND:
PROPOSED STREAM
EXISTING STREAM

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

Drawn By: JASON BENNETT | Date: Feb. 18, 2001 | Scale: 1" = 50'
Approval: DAVE MILLER | Drawing Location: C:\JASON\WHITE OAK\STREAM PROFILES.DWG
Drawing: WHISKY STREAM PROFILE



LEGEND:

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

DRAWN BY: RR	SCALE: NTS
APPROVAL: DAVE MILLER	SHEET: 1 of 1
TITLE: West Stream Profile (F–G)	DATE: FEB. 28, 2001
DRAWING: C:\Dave\ stream profiles.dwg	REV. DATE:

INCORPORATED
OCT 26 2001
DIV OF OIL GAS & MINING

RECEIVED
SEP 10 2001
DIVISION OF OIL, GAS AND MINING

REGISTERED PROFESSIONAL ENGINEER No. 7418 David B. Miller 8/30/01 STATE OF UTAH

Lodestar Energy Inc.
Mountain Operations, White Oak Mine
HC 35, Box 370, Helper Ut. 84526
PH #: 435-637-9200 Fax #: 435-448-9456

DRAWN BY: RR Lodestar Engineering	SCALE: NTS
APPROVAL: DAVE MILLER	SHEET: 1 of 1
TITLE: Figures for Stream Alteration Permit – Division of Water Rights	DATE: Aug. 29, 2001
DRAWING: c\Dave\ stream dwgs01.dwg	REV. DATE: