

HG Energy II Appalachia, LLC
Well No. Flesher 1212 N-3H

Page 1 of 2

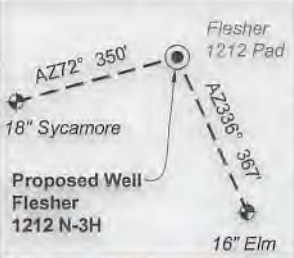
8,352' to Top Hole

1,551' to Bottom Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00

Bottom Hole
7.5' Spot
TOP LONGITUDE 80 - 27 - 30
BTM LONGITUDE 80 - 30 - 00

Well Location References
Not to Scale

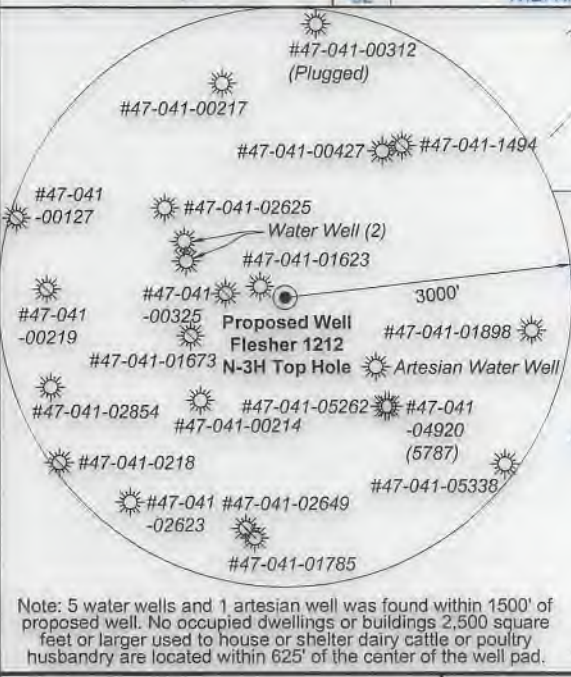


Tag	Bearing	Dist.	Description
L1	N 41°48' W	1,551.2'	#47-041-05262
L2	N 22°48' E	702.2'	1/2" Rebar
L3	N 67°10' E	1,625.7'	1" Iron pipe
L4	S 35°16' E	1,990.1'	5/8" Rebar
L5	N 39°31' E	826.4'	Landing point



SEAL
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.
Kevin S. James
Kevin S. James, P.S. 2305

ID	Lease
5	W.H. Coffindaffer, et al
6	W.H. Coffindaffer, et al
7	A.C. Thrash, et al
8	W.L. Oldaker
12	Mary Post Davis, et al
14	Fannie M. Hughes, et al
15	Alvadore Hughes, et al
17	Henry L. Frashuer, et al
19	A.R. Frashuer, et al
21	Henry L. Frashuer, et al
23	A.C. Thrash, et al
28	Nell R. Pierce, et al
40	Loxie V. McClung, et al
45	Edwin Gaston, et al
46	B.E. Williams, et al
50	Susan R. Hall, et al
51	Alda V. Hitt
52	W.D. Hitt, et al



Note: 5 water wells and 1 artesian well was found within 1500' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

FILE NO: 156-36-12-U-F-19
DRAWING NO: Flesher 1212 N-3H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: November 18 2020
OPERATOR'S WELL NO. Flesher 1212 N-3H
API WELL NO. HGA
47 - 041 - 05712
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: H.G. Energy II Appalachia, LLC
ROYALTY OWNER: W.D. Hitt, et al, et al LEASE NO: ACREAGE: 210.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6,925' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,335' MD










WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

1,009' to Bottom Hole

2,448' to Top Hole



Legend

-  Proposed gas well
-  Well Reference, as noted
-  Monument, as noted
-  Existing Well, as noted
-  Digitized Well, as noted
-  Creek or Drain
-  Existing Road
-  Surface boundary (approx.)
-  Interior surface tracts (approx.)



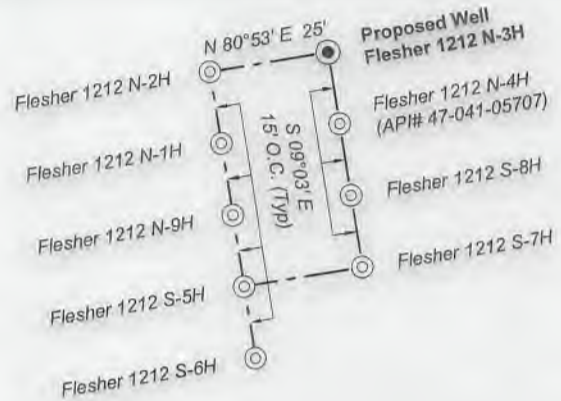
Lewis Co. - Freeman Creek Dist.

No.	TM / Par	Owner	Bk / Pg	Ac.
1	6C / 47	HG Energy II Appalachia, LLC	753 / 453	70.00
2	6C / 43	Gary Allen Sias	646 / 688	50.59
3	6C / 45	Fred A. Bailey	W25 / 263	48.00
4	6C / 48	Marlene Hovis	672 / 411	15.00
5	6C / 49	Marlene Hovis	672 / 411	12.90
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13	6B / 30.1	Theodore & Mary C. Eldridge	561 / 257	11.75
14	6B / 30	Theodore & Mary C. Eldridge	561 / 257	38.16
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16	6B / 33	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	50.05
17	6B / 34	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	34.78
18	6B / 35	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	21.75
19	6B / 36	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	28.00
20	6B / 24	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	11.15
21	6B / 25	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	45.00
22	6B / 37	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	96.14
23	6B / 37.1	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	570 / 720	11.72
24	6B / 23	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	21.75
25	6B / 22	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	99.46
26	6B / 21.1	Robert E. Brincefield, Jr. & Terri Lynne Trust, et al	578 / 630	44.00
27	6B / 21.3	Margarete E. Roles	W50 / 769	6.63
28	6B / 21.2	Mark D. & Betty Roles	557 / 627	25.47
Harrison Co. - Union-Outside Dist.				
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30	443 / 20	HG Energy II Appalachia, LLC	1614 / 1198	1.89
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32	443 / 22	Marion G. Dougherty	1231 / 629	0.55
33	443 / 22.1	Debra Swick	W197 / 1310	30.61
34	443 / 8	Amanda Braimantyer	W197 / 1310	53.40
35	423 / 25	Terence L. Washburn	1117 / 553	16.00
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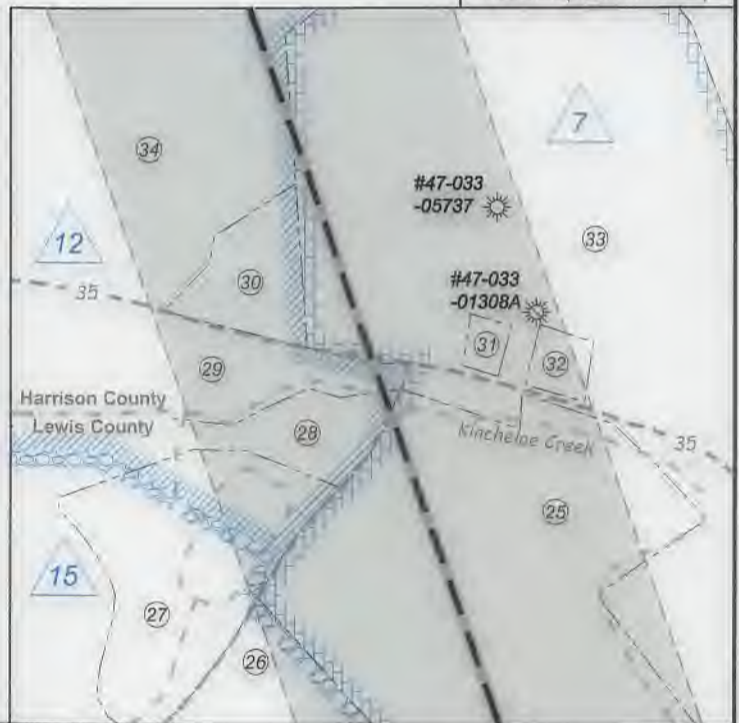
Notes: Well No. Flesher 1212 N-3H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'05.80" Latitude: 39°09'50.03"
Longitude: 80°29'16.01" Longitude: 80°30'19.69"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,330,037.378m N: 4,335,091.276m
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Notes:
Well No. Flesher 1212 N-3H
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N: 14,206,130.97'
E: 1,785,744.74'
Landing Point Coordinates
N: 14,206,768.53'
E: 1,786,270.59'
Bottom Hole Coordinates
N: 14,222,711.96'
E: 1,780,636.78'

Wellhead Layout (NTS)



Detail 1 (Scale 1"=500')



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Submeter
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47 - 041 - 05712
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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek

Btm: Big Isaac
QUADRANGLE: Top: Weston

DISTRICT: Freemans Creek

COUNTY: Lewis

SURFACE OWNER: H.G. Energy II Appalachia, LLC

ACREAGE: 70.00

ROYALTY OWNER: W.D. Hitt, et al, et al

LEASE NO: ACREAGE: 210.00

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
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PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,335' MD 6,925' TVD

WELL OPERATOR: HG Energy II Appalachia, LLC

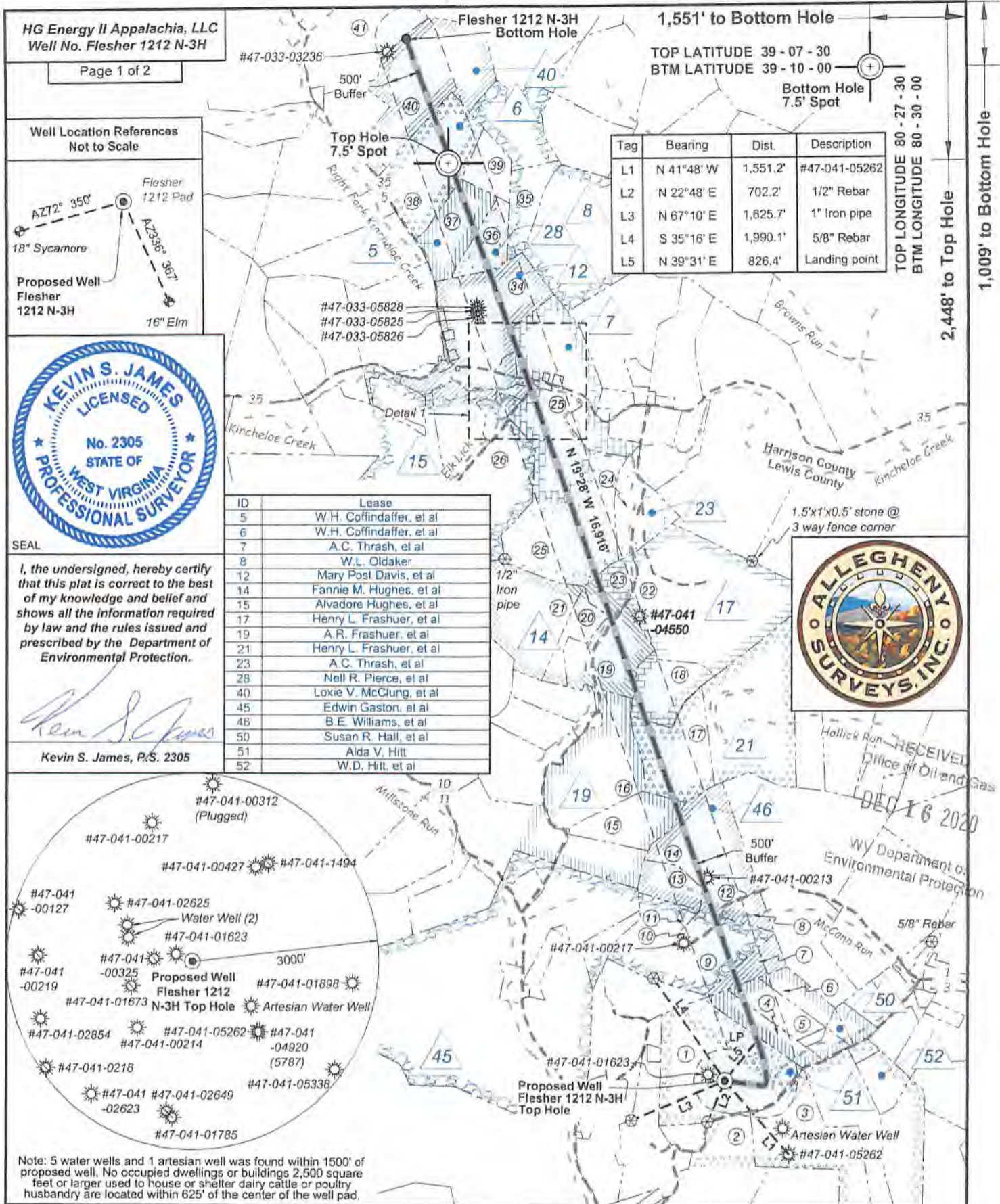
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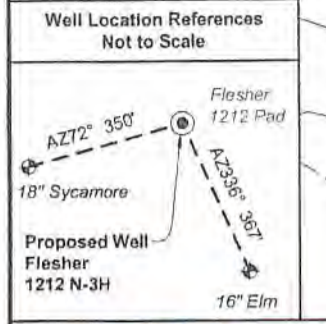
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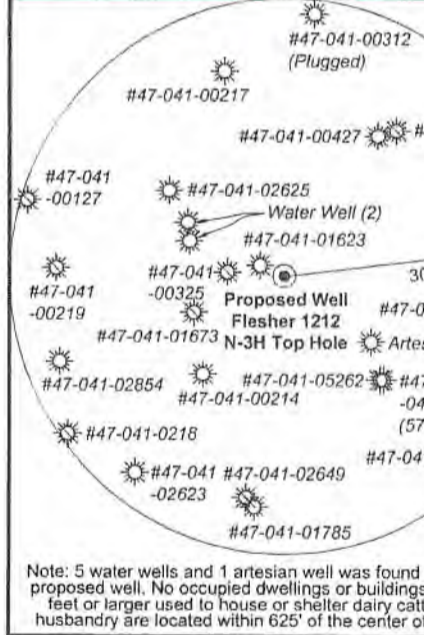


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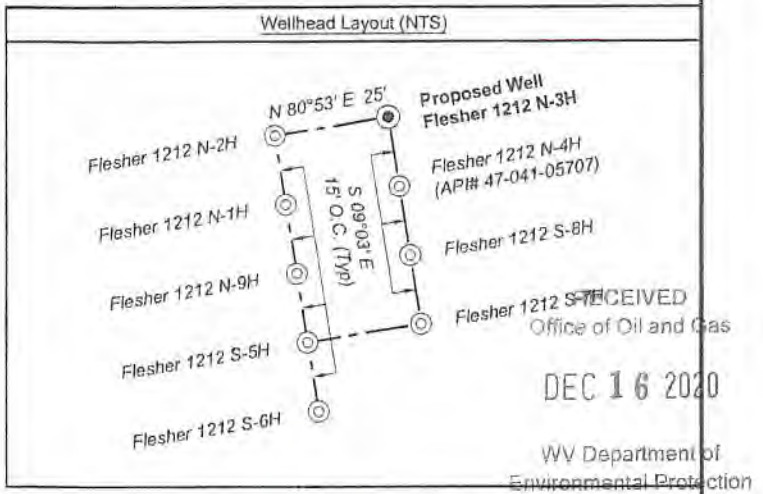
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ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

SUBJECT WELL
Flesher 1212 N-3H

McCann Run 704105712



RECEIVED
Office of Oil and Gas
DEC 16 2020
WV Department of
Environmental Protection

◆ Denotes Possible
Water Supply Source
to be Tested

Section of
Weston & West
Milford 7.5' Quadrangles
SCALE 1"=1000'