

THRELKELD FORESTRY SERVICES

INVENTORY CRUISE AND MARKETABLE TIMBER VALUE

CLIENT: McBride Family
 TRACT: Auction Tracts 3 & 6 (East)
 STRATA: Total Cruise
 COUNTY: Montgomery
 ACRES: 143.7
 PLOTS: 123
 # CRUISE: 8.6

DATE: 4/1/20
 SAMPLE METHOD: LP2X6
 SPECIES: MIXED

<u>CONVERSION FACTORS</u>
PINE (SCRIBNER)
1 CORD = 2.79 TONS
HARDWOOD AND CYPRESS (DOYLE)
1 CORD = 2.85 TONS

TOTAL VOLUMES

ITEM	TONS	TONS/ACRE	CORDS	CORDS/ACRE
PINE	9,257	64	3,318	23
HARDWOOD	2,782	19	976	7

PRODUCT VOLUMES

PRODUCT	% OF VOLUME	TONS	CORDS	MBF
Pine Pulpwood	18.6%	1,721	617	
Pine Topwood	5.1%	474	170	
Pine Chip-N-Saw	12.1%	1,122	402	
Pine Sawtimber	60.5%	5,600	2,007	
Pine Sawtimber Poles	3.7	340	122	
Hardwood Pulpwood	70.0%	1,958	687	
Hardwood Sawtimber Gum	26.0%	724	254	87.586
Hardwood Sawtimber Oak	4.0%	100	35	12.069

THRELKELD FORESTRY SERVICES

PINE PULPWOOD COMPUTATION

CLIENT: McBride	STRATA :
TRACT : East	% CRUISE : 8.6
COUNTY: Mont.	MULT. FACTOR : 11.7
ACRES : 143.7	DATE : 4/1/20
PLOTS : 123	1 CORD = : 5,580 LBS.

PINE PULPWOOD

DBH	TREES TALLIED	TOTAL TREES	TOTAL CORDS	DBH	TREES TALLIED	TOTAL TREES	TOTAL CORDS
6"	S 89	1040	39.51	14"	S 0	0	0.00
	M 19	222	13.54		M 5	58	16.12
	T 13	152	12.76		T 18	210	76.76
8"	S 15	175	10.87	16"	S 0	0	0.00
	M 44	514	49.86		M 1	12	4.21
	T 49	572	74.99		T 7	82	38.76
10"	S 7	82	7.77	18"	S 0	0	0.00
	M 22	257	37.27		M 1	12	5.19
	T 47	549	107.07		T 0	0	0.00
12"	S 0	0	0.00	20"	S 0	0	0.00
	M 7	82	16.77		M 0	0	0.00
	T 33	386	105.25		T 0	0	0.00

PROJECTED TOTAL VOLUMES

PINE PULPWOOD

TREES/ACRE:	31	TOTAL TREES:	4404
CORDS/ACRE:	4.3		
CORDS/TREE:	0.140	TOTAL CORDS:	617

cpwcruz

**THRELKELD FORESTRY SERVICES
PINE CHIP-N-SAW COMPUTATION**

CLIENT: McBride
TRACT : East
COUNTY: Mont.
ACRES : 143.7
PLOTS : 123

STRATA :
%CRUISE : 8.6
MULT. FACTOR: 11.7
DATE : 4/1/20
LOG RULE : SCRIBNER

DBH	1.5 LOGS		2 LOGS		2.5 LOGS		3 LOGS	
	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME
8"		0.000		0.000		0.000		0.000
10"		0.000	4	0.544	9	1.485	21	4.095
12"		0.000	8	1.680	9	2.169	24	6.792
14"		0.000		0.000		0.000		0.000
TOTAL	0	0	12	2.224	18	3.654	45	10.887

DBH	3.5 LOGS		4 LOGS		4.5 LOGS		TOTALS	
	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES	VOLUME
8"		0.000		0.000		0.000	0	0
10"	26	5.720		0.000		0.000	701	138.3725854
12"	19	6.004	17	5.933		0.000	900	263.777
14"		0.000		0.000		0.000	0	0
TOTAL	45	11.724	17	5.933	0	0	1601	402.1497073

PROJECT TOTAL VOLUMES

TREES/ACRE :	11	CORDS/ACRE :	2.8		
TOTAL TREES:	1601	CORDS/TREE :	0.3		
AVERAGE DBH:	11	TOTAL CORDS :	402	TOTAL TONS	1121.998
		CORD FACTOR :	2.79		

pst2cruz

**THRELKELD FORESTRY SERVICES
PINE SAWTIMBER COMPUTATION**

CLIENT: McBride
TRACT: East
COUNTY: Mont.
ACRES: 143.7
PLOTS: 123

STRATA :
%CRUISE : 8.6
MULT. FACTOR: 11.7
DATE : 4/1/20
LOG RULE : SCRIBNER

DBH	1 LOGS		1.5 LOGS		2 LOGS		2.5 LOGS	
	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME
12"		0		0		0.000		0.000
14"	2	0.318		0	11	3.003	13	4.134
16"		0		0	12	4.260	6	2.472
18"	1	0.255		0	4	1.820	11	5.786
20"	2	0.622		0	4	2.296	5	3.290
22"		0		0	3	2.136	4	3.240
24"		0		0		0.000	1	0.979
26"		0		0		0.000		0.000
28"	1	0.803		0	1	1.239		0.000
30"		0		0		0.000	1	1.485
TOTAL	6	1.998	0	0	35	14.754	41	21.386

DBH	3 LOGS		3.5 LOGS		4 LOGS		TOTALS	
	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES	VOLUME
12"		0.000		0		0.000	0	0.000
14"	29	10.933	49	20.727	20	9.360	1449	566.330
16"	19	9.310	20	10.96	20	12.140	900	457.293
18"	11	6.831	14	9.702	11	8.415	608	383.305
20"	2	1.540	9	7.704	5	4.705	315	235.493
22"	2	1.880	5	5.185	3	3.408	199	185.163
24"	3	3.381		0	1	1.350	58	66.710
26"	1	1.333	2	2.916		0.000	35	49.641
28"		0.000		0	1	1.834	35	45.283
30"		0.000		0		0.000	12	17.349
TOTAL	67	35.208	99	57.194	61	41.212	3610	2006.566049

PROJECTED TOTAL VOLUME

TREES/ACRE :	25	CORDS/ACRE :	14.0		
TOTAL TREES:	3610	CORDS/TREE :	0.6		
AVERAGE DBH:	17	TOTAL CORDS :	2007	TOTAL TONS	5598.319
		CORD FACTOR :	2.79		

**THRELKELD FORESTRY SERVICES
PINE SAWTIMBER COMPUTATION**

CLIENT: McBride
TRACT: East
COUNTY: Mont.
ACRES: 143.7
PLOTS: 123

STRATA : Poles
%CRUISE : 8.6
MULT. FACTOR: 11.7
DATE : 4/1/20
LOG RULE : SCRIBNER

DBH	1 LOGS		1.5 LOGS		2 LOGS		2.5 LOGS	
	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME
12"		0		0		0.000		0.000
14"		0		0		0.000		0.000
16"		0		0		0.000		0.000
18"		0		0		0.000		0.000
20"		0		0		0.000		0.000
22"		0		0		0.000		0.000
24"		0		0		0.000		0.000
26"		0		0		0.000		0.000
28"		0		0		0.000		0.000
30"		0		0		0.000		0.000
TOTAL	0	0.000	0	0	0	0	0	0

DBH	3 LOGS		3.5 LOGS		4 LOGS		TOTALS	
	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES TALLIED	TOTAL VOLUME	TREES	VOLUME
12"		0.000		0		0.000	0	0.000
14"	6	2.262	3	1.269		0.000	105	41.252
16"	5	2.450	6	3.288	2	1.214	152	81.220
18"		0.000		0		0.000	0	0.000
20"		0.000		0		0.000	0	0.000
22"		0.000		0		0.000	0	0.000
24"		0.000		0		0.000	0	0.000
26"		0.000		0		0.000	0	0.000
28"		0.000		0		0.000	0	0.000
30"		0.000		0		0.000	0	0.000
TOTAL	11	4.712	9	4.557	2	1.214	257	122.472122

PROJECTED TOTAL VOLUME

TREES/ACRE :	2	CORDS/ACRE :	0.9		
TOTAL TREES:	257	CORDS/TREE :	0.5		
AVERAGE DBH:	15	TOTAL CORDS :	122	TOTAL TONS	341.697
		CORD FACTOR :	2.79		

THRELKELD FORESTRY SERVICES

HARDWOOD PULPWOOD AND HARDWOOD SAWTIMBER COMPUTATIONS

CLIENT: McBride	STRATA : Pulpwood / Gum
TRACT : East	% CRUISE : 8.6
COUNTY: Mont.	MULT.FACTOR: 11.7
ACRES : 143.7	LOG RULE : DOYLE
PLOTS : 123	DATE : 4/1/20

HARDWOOD PULPWOOD

TREES				TREES				TREES			
DBH	HT.	TALLIED	CORDS	DBH	HT.	TALLIED	CORDS	DBH	HT.	TALLIED	CORDS
8	S	131	10.09	14	S	12	2.63	20	S	1	0.43
	M	32	3.46		M	21	6.43		M	3	1.83
	T		0.00		T		0.00		T		0.00
10	S	65	7.54	16	S	12	3.41	22	S		0.00
	M	29	4.70		M	7	2.77		M		0.00
	T		0.00		T		0.00		T		0.00
12	S	26	4.24	18	S	3	1.05	24	S		0.00
	M	34	7.75		M	5	2.50		M		0.00
	T		0.00		T		0.00		T		0.00

HARDWOOD SAWTIMBER

TREES				TREES				TREES			
DBH	LOGS	TALLIED	VOLUME	DBH	LOGS	TALLIED	VOLUME	DBH	LOGS	TALLIED	VOLUME
14	1.0	2	96	22	1.0		0	30	1.0		0
	1.5	4	248		1.5		0		1.5		0
	2.0	7	525		2.0	1	295		2.0		0
	2.5	3	252		2.5		0		2.5		0
	3.0		0		3.0	1	392		3.0		0
16	1.0	1	72	24	1.0		0	32	1.0		0
	1.5	9	846		1.5		0		1.5		0
	2.0	5	580		2.0	1	370		2.0		0
	2.5	4	528		2.5		0		2.5		0
	3.0	4	596		3.0		0		3.0		0
18	1.0		0	26	1.0		0	34	1.0		0
	1.5	3	396		1.5		0		1.5		0
	2.0	2	328		2.0	1	459		2.0		0
	2.5		0		2.5		0		2.5		0
	3.0	4	860		3.0		0		3.0		0
20	1.0		0	28	1.0		0	36	1.0		0
	1.5		0		1.5	1	434		1.5		0
	2.0	1	225		2.0		0		2.0		0
	2.5		0		2.5		0		2.5		0
	3.0		0		3.0		0		3.0		0
38	1.0		0	42	1.0		0	46	1.0		0
	1.5		0		1.5		0		1.5		0
	2.0		0		2.0		0		2.0		0
	2.5		0		2.5		0		2.5		0
	3.0		0		3.0		0		3.0		0
40	1.0		0	44	1.0		0	48	1.0		0
	1.5		0		1.5		0		1.5		0
	2.0		0		2.0		0		2.0		0
	2.5		0		2.5		0		2.5		0
	3.0		0		3.0		0		3.0		0

PROJECTED TOTAL VOLUMES

HARDWOOD PULPWOOD
687 TOTAL CORDS

HARDWOOD SAWTIMBER
254 TOTAL CORDS

EXPRESSED IN MBF = 87.645

THRELKELD FORESTRY SERVICES

HARDWOOD PULPWOOD AND HARDWOOD SAWTIMBER COMPUTATIONS

CLIENT: McBride STRATA : Oak
 TRACT : East % CRUISE : 8.6
 COUNTY: Mont. MULT.FACTOR: 11.7
 ACRES : 143.7 LOG RULE : DOYLE
 PLOTS : 123 DATE : 4/1/20

HARDWOOD PULPWOOD

TREES				TREES				TREES			
DBH	HT.	TALLIED	CORDS	DBH	HT.	TALLIED	CORDS	DBH	HT.	TALLIED	CORDS
8	S		0.00	14	S		0.00	20	S		0.00
	M		0.00		M		0.00		M		0.00
	T		0.00		T		0.00		T		0.00
10	S		0.00	16	S		0.00	22	S		0.00
	M		0.00		M		0.00		M		0.00
	T		0.00		T		0.00		T		0.00
12	S		0.00	18	S		0.00	24	S		0.00
	M		0.00		M		0.00		M		0.00
	T		0.00		T		0.00		T		0.00

HARDWOOD SAWTIMBER

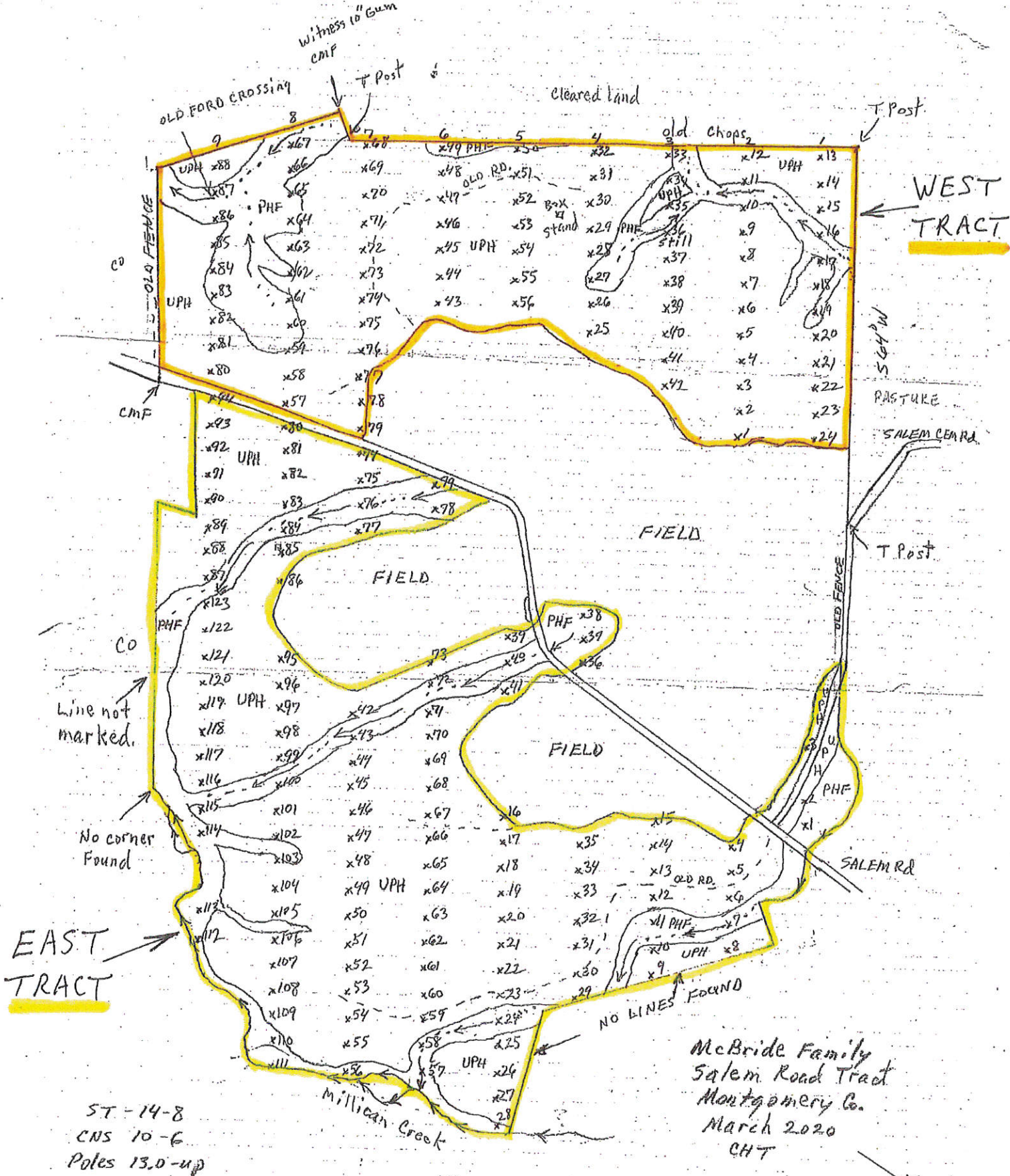
TREES				TREES				TREES			
DBH	LOGS	TALLIED	VOLUME	DBH	LOGS	TALLIED	VOLUME	DBH	LOGS	TALLIED	VOLUME
14	1.0	1	48	22	1.0		0	30	1.0		0
	1.5	3	186		1.5		0		1.5		0
	2.0		0		2.0		0		2.0		0
	2.5		0		2.5		0		2.5		0
	3.0		0		3.0		0		3.0		0
16	1.0	1	72	24	1.0		0	32	1.0		0
	1.5		0		1.5		0		1.5		0
	2.0		0		2.0		0		2.0		0
	2.5		0		2.5		0		2.5		0
	3.0		0		3.0		0		3.0		0
18	1.0	1	100	26	1.0		0	34	1.0		0
	1.5	2	264		1.5	1	362		1.5		0
	2.0		0		2.0		0		2.0		0
	2.5		0		2.5		0		2.5		0
	3.0		0		3.0		0		3.0		0
20	1.0		0	28	1.0		0	36	1.0		0
	1.5		0		1.5		0		1.5		0
	2.0		0		2.0		0		2.0		0
	2.5		0		2.5		0		2.5		0
	3.0		0		3.0		0		3.0		0
38	1.0		0	42	1.0		0	46	1.0		0
	1.5		0		1.5		0		1.5		0
	2.0		0		2.0		0		2.0		0
	2.5		0		2.5		0		2.5		0
	3.0		0		3.0		0		3.0		0
40	1.0		0	44	1.0		0	48	1.0		0
	1.5		0		1.5		0		1.5		0
	2.0		0		2.0		0		2.0		0
	2.5		0		2.5		0		2.5		0
	3.0		0		3.0		0		3.0		0

PROJECTED TOTAL VOLUMES

HARDWOOD PULPWOOD
0 TOTAL CORDS

HARDWOOD SAWTIMBER
35 TOTAL CORDS

EXPRESSED IN MBF = 12.057



WEST TRACT

EAST TRACT

ST-14-8
 CNS 10-6
 Poles 13.0-up

McBride Family
 Salem Road Tract
 Montgomery Co.
 March 2020
 CHT