

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	M3	R2	85	3	14	10	55	northern hardwood	immature	N		40-49 years	0	
<p>comnts Fmd : 2008 - Hagan - Mainly M3,O2 with 10ft2 of residual red pine logs left. Some oak residual left also. 2007 - Site planted to red pine in 2006 plus a few acres to the southeast. 2005 TREATMENT UPDATE notes KGR: Sale #050-02-01 "6 Point Jack" timber sale, 91 acre clearcut. Unit #1 was cut in fall of 2003 by Mid Mich Logging. Unit # 2 was cut in December of 2004. FTP has been submitted for planting the site. 2000 - Hagan - Jack pine in bad shape. Oak and red pine sawlogs also scattered throughout. Cut leaving red pine and oak. Plant to red pine. 1989 - VARIED CONSISTENCY.6-12"DBH.OAK SEEDLINGS &SAPLINGS.</p> <p>Wld : Leave snags if possible during harvest. Consider using stand 400 as landing, then reseed after sale.</p>														
2	A5	O3	7	31	6	40	65	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Sale #16-76</p>														
3	A2	O2	195	14	4	10	50	oak	immature	N		40-49 years	0	
<p>comnts Fmd : 2008 - Hagan - 10ft2 of red pine logs scattered. Variable, goes from O2 to A2 with some J2 in spots. 2000 - Hagan - Sale #10-91. Scattering of red pine left. Red pine SI 45. 1989 - R8J6R5O4A4.VARIABLE SIZE JACK PINE. SOME RED PINE POLES.CLEARCUT LEAVE RED PINE.</p> <p>Wld : A, O, BC, pine seedlings and saplings, scattered RP residuals, bracken, grass/sedge, sweetfern.</p>														
4	A5	U3	2	46	8	40	50	aspen (upland)	immature	N		10-19 years	0	
<p>comnts Fmd :</p>														
5	U0	U0	30					upland brush	nonstocked	N		20-29 years	0	
<p>comnts Fmd : Scattered choke cherry</p>														
6	O7	O1	29	59	14	30	45	oak	sparse	N		30-39 years	0	
<p>comnts Fmd : 2008 - Hagan - Small V type in center of stand. Semi-open O7,O4,U</p>														
7	Y0	Y0	3					sand dunes	nonstocked	N		not scheduled	0	
<hr/>														
8	Y0	Y0	3					sand dunes	nonstocked	N		not scheduled	0	
<hr/>														
9	U0	U0	81					upland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : 2008 - Hagan - Some pine clumps also. 2000 - Hagan - Some cherry. 1989 - GRASS & BRUSH AREA.</p> <p>Wld : Grass and sweetfern, scattered BC.</p>														
10	R9	O1	6	58	18	150	52	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : 2005 TREATMENT UPDATE NOTES kgr: Stand was thinned in 2003 as part of the "6 Point Jack" timber sale # 050-02-1. Hawthorn was planted along the edge of the stand to establish a replacement windbreak for the day when the remainder of the red pine is removed. 2000 - Hagan - 5 rows of pine - 3 red and 2 white, with some jack. Planted for wind break.</p> <p>Wld : Could eventually clearcut and remove this stand to de-fragment openland habitat to south. Consider hawthorn planting parallel to pines to eventually serve as windbreak for trail, then final harvest pine in future.</p>														
11	U0	U0	61		10	10		upland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : 2008 - Hagan - Scattered black cherry 8-12 ". UPLAND BRUSH,SOME WOLFY OAK.SHARPTAIL GROUSE</p> <p>Wld : Large and small BC, thick. Also some hawthorn, blackberry, blueberry, clumps large oak. Bracken.</p>														

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					B	Tot. BA								
12	O 8	M 2	5	72	16	60	64	oak	two aged	N		10-19 years	0	
comnts Fmd : 2000 - Hagan - nice oak , hodgepde stand, with A & M regeneration. 1989 - O9M3-LARGE OAK,THICK BRUSH UNDERSTORY.THIN (MAYBE) TO ENCOURAGE OAK REGEN. PRESENTLY GOOD SHARPTAIL COVER+FOOD.														
13	A 3	O 1	12	26	6	20	70	oak	immature	N		30-39 years	0	
comnts Fmd : Sale #54-81A.														
14	A 2	M 2	42	4	1	0	80	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : 2005 Update comments KGR: Stand was clearcut as unit #2 on sale #079-02-1, Beech Road Aspen, 41 acres. All dead trees and all Oak and White Pine were left uncut according to the contract. Wld : Pole/saw A, some pure pockets, some mixed w/RM, BC, WP, O depending on where you draw the stand boundary. RM seedlings/saplings, bracken, blackberry. Make irregular edge, retain snags and 1 down log/acre (WLD to mark), leave RO & WP as residuals.														
15	A 6	M 2	19	62	8	130	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : 2008 - Hagan - CC with retention. Leave oak. Oak and maple would be an acceptable MO also. 2000 - Hagan - Nice oak , hodgepde stand. Fairly thick with A & M regeneration. Some larger aspen in this stand. 1989 - O9M3-LARGE OAK,THICK BRUSH UNDERSTORY.THIN (MAYBE) TO ENCOURAGE OAK REGEN. PRESENTLY GOOD SHARPTAIL COVER+FOOD. Wld : all ages RM, some WP														
16	M 6	O 2	20	88	8	90	60	oak	two aged	N	selection	within 0-9 years	1	
Treatment Limiting Factors: Delayed treatment for age/size class diversity comnts Fmd : 2008 - Hagan - Remove aspen, red maple and jack pine. 2000 - Hagan - The 1989 treatment was never done. Take out everything but oak, red and white pine. 1989 - O9M1/M2 REMOVE ASPEN & HARDWOODS TO ENCOURAGE REGEN. OF OAK.														
17	A 2	M 2	22	4	1	10	59	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : 2005 Update comments KGR: Stand was clearcut as part of sale # 079-02-1, Beech Road Aspen, Unit #1, 23 acres. All dead trees and all Oak was left according to contract - Residual BA 10ft2. Wld : Scraggly aspen, WB, RM, O. Leave 1 down log/acre (WLD to mark), leave as many snags as possible, retain oak as residuals.														
18	U 0	U 0	10					upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : 2000 - Acreage has shrunk by half since last OI. Mainly choke cherry. 1989 - OPENING GROWING INTO A2. Wld : BC over grass/bracken.														
19	U 0	U 0	22					upland brush	nonstocked	N		10-19 years	0	
comnts Fmd : Wld : Prescribed burn in future. Poverty grass, cladonia, broom sedge, WP stumps, BC/JP savanna-like.														
20	R 6	M 1	7	60	8	100	66	red pine	two aged	N		10-19 years	0	
comnts Fmd : 2008 - Hagan - Sale #47-02. Thinning. 2000 - Hagan - Poles.														
21	A 5	A 2	110	32	6	40	65	aspen (upland)	immature	N		20-29 years	0	
Wld : 5-7" poles. A, WB, M, a few pine.														
22	R 9	M 1	6	68	16	150	62	red pine	two aged	N	selection	within 0-9 years	2	
comnts Fmd : 2008 - Hagan - Take out all aspen and red maple, thin out red pine. R5A5W4J4M2W1.MIXED PLANTING-MOSTLY RPINE LEFT Wld : WB, WP, O present.														

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					B	Tot. BA								
23	A3	M1	20	30	6	20	65	aspen (upland)	immature	N		20-29 years	0	
Wld : 3-5" saplings A, WB, M, RP; witch hazel, blackberry, grass, bracken.														
24	R8	M3	5	73	14	60	65	red pine	immature	N		10-19 years	0	
comnts Fmd : 2008 - Hagan - Good filter strip with the cut in stand 30. 2004 - Rouston - Treatment Update comments: This stand was thinned in the summer of 2004 (Sale # 032-03-01 - "Red Snow" sale). This stand was part of a large scale area planted with pine in the mid 1930's. Women's Groups in Michigan sponsored the planting through the Detroit News. 2000 - Hagan - Dead, dying jack pine. Underbrush not too bad. 1989 - DEAD JACKPINE INTERPLANT. OAK SEEDLINGS. AREAS OF WEEVIL DAMAGE. CUT & REPLANT TO REDPINE IN 10 YRS.														
Wld : A, B, M poles and saplings present.														
25	R9	M2	53	68	16	120	62	red pine	two aged	N		20-29 years	0	
comnts Fmd : 2004 - Rouston - Treatment Update comments: Stand was thinned in summer of 2004 as sale #047-02-1 "Section 20 Red" sale. This stand may have been part of the large scale pine planting in 1938 that was sponsored by Women's Groups in Michigan through Detroit News. 2000 - Hagan - Heavy understory. 1989 - R5A5W4J4M2W1. MIXED PLANTING-MOSTLY R PINE LEFT.														
26	R9	A2	2	68	16	130	62	red pine	two aged	N		10-19 years	0	
27	A3	M2	16	25	4	0	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : 2008 - Hagan - Sale #55-81. Some larger scattered oak and ash.														
28	A2	M2	36	5	12	20	55	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : 2008 - Hagan - 20ft. of residual oak left and some pine. 2003 - Hagan - Sale # 17-02. Mainly aspen coming back. 2000 - Hagan - Some scattered red pine in stand also. Clearcut leaving oak and other species to = a 20 BA residual for wildlife. Originally a birch stand. Regenerate for birch.														
Wld : Some WP regen present.														
29	W9	M2	2	62	18	110	60	white pine	mature	N		not scheduled	0	
comnts Fmd : 2008 - Hagan - Leave for retention.														
Wld : WP, RP, A, O, WB, JP. Very little understory.														
30	R9	M3	10	73	14	80	80	red pine	mature	N		10-19 years	0	
comnts Fmd : 2005 Update comments KGR: Stand thinned Sale #043-03-1, Township Road Red, 21 acres, completed in fall & early winter 2004. Shortwood, cabin logs and Utility Poles harvested. 2000 OI comments - Hagan - Thinned in 1991. Sale #32-91. Areas of hardwood present. 1989 - SELECT PINEPOLES OR CLEARCUT AND REPLANT TO REDPINE.														
Wld : WB, A, O, RM poles present.														
31	V0	V0	2					bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : LEATHERLEAF BOG.														
Wld : WP, WB, T present. Should block traffic if possible.														
32	R9	M2	53	73	14	110	65	red pine	immature	N		10-19 years	0	
comnts Fmd : 2004 - Rouston - Treatment Update comments: This stand was thinned in the summer of 2004 (Sale # 032-03-01 - "Red Snow" sale). This stand was part of a large scale area planted with pine in the mid 1930's. Women's Groups in Michigan sponsored the planting through the Detroit News. 2000 - Hagan - Dead, dying jack pine. Underbrush not too bad. 1989 - DEAD JACKPINE INTERPLANT. OAK SEEDLINGS. AREAS OF WEEVIL DAMAGE. CUT & REPLANT TO REDPINE IN 10 YRS.														
Wld : A, B, M poles and saplings present.														

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					B	Tot. BA								
33	M3	M1	3	5		10	47	northern hardwood	immature	N		50-59 years	0	
comnts Fmd : Sale #17-02. Clearcut leaving oak and other species to = a 20 BA residual for wildlife. Wld : Variety of NH species present.														
34	R9	M3	5	73	14	80	80	red pine	mature	N		10-19 years	0	
comnts Fmd : 2005 Update comments KGR: Stand thinned Sale #043-03-1, Township Road Red, 21 acres, completed in fall & early winter 2004. Shortwood, cabin logs and Utility Poles harvested. 2000 OI comments - Hagan - Thinned in 1991. Sale #32-91. Areas of hardwood present. 1989 - SELECT PINEPOLES OR CLEARCUT AND REPLANT TO REDPINE. Wld : WB, A, O, RM poles present.														
35	M6	M3	5		8	70	55	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : 2008 - Hagan - Some scattered red pine in this stand.														
36	A3	M2	38	16	3	0	70	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Sale #7-91. Wld : 1-2" saplings, Witch hazel, blackberry, BC.														
37	O6	O2	24	86	8	100	43	oak	two aged	Y	shelterwood-seed	within 0-9 years	1	
comnts Fmd : 2008 - Hagan - Take out any aspen and mark some oak to take out. 1989 - SOME QUALITY OAK. DON'T CLEARCUT FOR STUMP SPROUTS.														
38	R9	O1	28	73	14	90	65	red pine	mature	N		10-19 years	0	
comnts Fmd : 2008 - Hagan - Clearcut and replant to red pine. Leave any oak. 2005 Update comments KGR: Stand was thinned, sale #043-03-1, Township Road Red, 30 acres, Unit #2. 2000 -Hagan - Just take out jack pine. If needed take some red, but looks like BA is OK.														
39	A6	A2	40	27	6	80	60	aspen (upland)	immature	N		20-29 years	0	
Wld : 5-7" aspen poles, RP and WB poles, some BC, RP seedlings. Wintergreen.														
40	A6	A2	19	27	6	80	60	aspen (upland)	immature	N		20-29 years	0	
Wld : 5-7" aspen poles, RP and WB poles, some BC, RP seedlings. Wintergreen.														
41	A4	M2	26	25	8	40	60	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Sale #55-81 Wld : 5" aspen poles.														
42	R9	M2	68	73	14	70	80	red pine	mature	N		10-19 years	0	
comnts Fmd : 2006 kgr treatment update notes: +/- 45 square feet of Red Pine were removed from this stand as part of timber sale #044-03-01 (Middle Section Red). Cutting occurred in fall of 2006. This Red Pine was planted as part of an effort sponsored by the Detroit News and several Women's Clubs in Michigan around 1935. OLD STAND NOTES and COMMENTS: Pole sale. Sale #32-91 Could be thinned again in some places. Areas of hardwood present.														
43	A5	A3	38	27	6	50	60	aspen (upland)	immature	N		20-29 years	0	

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					B	Tot. BA								
44	M 9	M 2	14		14	150	60	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	
comnts Fmd :														
45	M 9	M 2	2		16	90	60	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd :														
46	A 3	M 1	27	2	1	10	66	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : 2006 kgr post-sale update comments: Sale #077-02-1. Unit was harvested in November/December 2005. Retained Site Index of record. 2002 OI stand exam comments: A5R8														
Wld : Leave as many snags as possible. WLD to mark drop trees for CWD/drumming logs, 1/acre.														
47	M 8	M 1	3		12	60	60	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd :														
48	M 9	M 2	3		14	120	60	northern hardwood	unevenaged	Y	selection	within 0-9 years	2	
comnts Fmd :														
49	M 9	M 1	12		14	90	68	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Very nice stand. 2004 KGR Notes: This 12 acre stand was thinned during winter of 2003-04 by a shortwood operation. Sale #045-02-1.														
Wld : Leave cull lengths on site for CWD.														
50	R 9	M 2	9	73	14	110	75	red pine	immature	N		20-29 years	0	
comnts Fmd : 2008 - Hagan - Stand size has been cut in half. North part of stand still has red pine component, however the south side has most of the red pine removed and is now a hardwood stand. 2006 kgr treatment update comments: Stand was marked for thinning and the harvest took place in winter of 2006 as sale #041-03-01 "Blue Line Red Pine, 45 acres. All Red Pine that was 14" dbh and larger was removed. 2000 - Treated last time. Sale #27-91. 1989 - SELECT REDPINE POLES.HEAVY M3.														
51	M 9	M 3	35		12	90	64	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : 2008 - Hagan - This used to be a R9 stand but the red pine was removed in Sale #41-03-1.														
52	R 9	M 3	95	73	16	90	75	red pine	immature	N		10-19 years	0	
comnts Fmd : 2006 kgr post-harvest update comments: Sale #060-02-1 completed as a thinning in 2004-05. 2000 - Hagan - Treated last time. Sale #27-91. 1989 - SELECT REDPINE POLES.HEAVY M3.														
53	A 3	O 1	17	15	18	20	65	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Sale #8-91. Left red pine.														
54	M 9	M 3	6		16	110	65	northern hardwood	unevenaged	N		10-19 years	0	
Treatment Limiting Factors: Inadequate volume due to small acreage														
55	A 3	M 1	7	3	1	0	70	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : 2006 kgr post-harvest update comments: Sale # 077-02-1 cut in summer of 2004. Clearcut. Retained Site Index of record. Regeneration is excellent.														
Wld : Leave a hardwood island. WLD can mark if desired.														

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					B	Tot. BA								
56	M 6	M 2	3		8	70	55	northern hardwood	unevenaged	N		20-29 years	0	
57	A 5	A 2	9	26	6	40	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Sale #53-81A														
58	L 0	L 0	4					lowland brush	nonstocked	N		not scheduled	0	
59	A 5	A 3	6	26	6	40	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Sale #53-81A														
60	U 2	U 2	19					upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : 2008 - Hagan - Oak/hardwood island in southeast corner along 4 Point Road. GRASS + UPLAND BRUSH														
Wld : Poor soils in small draw. BC/RM saplings, bracken, caldonia, poverty grass. Some deer trails. Inclusions of NH along road.														
61	A 6	M 1	32	49	8	100	70	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : 2008 - Hagan - Leave any oak. Clearcut with retention. White pine and red maple could also be a MO also. 2000 - Hagan - Little ridges of poorer quality hardwoods (red maple, beech). Some nice oak in the northeast part of stand. 1989 - CLONES OF ASPEN, CLUMP RED MAPLE, WOLFY OAK, GOOD WILDLIFE AREA AND SOME GOOD OAK-LEAVE SOME OAK.														
Wld : Stands 61 and 62 similar, but much more bigtooth in 61. SM, AB saplings, big RO, WB, Bass, some WP seedlings and saplings, occasional old WP. Maintain spp diversity. Blackberry, bracken, old WP stumps.														
62	M 6	M 2	13		8	90	70	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : 2008 - Hagan - Not much growth since 10 years ago.														
Wld : Stands 61 and 62 similar, but much more bigtooth in 61. SM, AB saplings, big RO, WB, Bass, some WP seedlings and saplings, occasional old WP. Maintain spp diversity. Blackberry, bracken, old WP stumps.														
63	A 3	M 1	22	5	1	0	65	aspen (upland)	nonstocked	N		50-59 years	0	
comnts Fmd : 2004 - Rouston - Stand was clearcut in 2003 as part of Sale #069-02-1 Four Point Aspen. 2000 - Hagan - Cut leaving a buffer along V type.														
Wld : Variable retention - either leave finger or island, prefer island (perhaps north of grass inclusion), and/or reserve a species. WLD can paint in an island. Consider placing landing in stand 67 to create a grass opening. Mixed mature timber, better than average soils. Old aspen declining, also WB, BC, RM, SM, WP, RP, RO. Aspen snags and down logs. Blackberry, witch hazel, ironwood. Nice now, but won't hold too long - converting to NH. Lots of possible leave tree configurations. WP stumps.														
64	R 9	M 2	3	90	16	170	60	red pine	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Scenic values/visual values														
Inadequate volume due to small acreage														
comnts Fmd : RED PINE GROVE ALONG BOG.DEER USE & COVER														
Wld : RP/WP sawlogs, a few A, BC. Blueberry, wintergreen, bracken, some snags.														
65	V 0	V 0	23					bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : HUMMOCKY LEATHERLEAF BOG														

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					B	Tot. BA								
66	A 6	A 1	5	48	8	90	71	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : 2008 - Hagan - Clearcut with retention. Wld : Clones of aspen poles.														
67	A 3	M 2	81	25	5	30	60	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Sale #52-81 Wld : 3-5" A, some BC. Also WP, WB, M. No residuals left when cut. Use old landing at north end of trail as landing for stand 63, then manage as opening.														
68	V 0	V 0	10			0		bog or muskeg	nonstocked	N		not scheduled	0	
69	O 8	M 1	2	78	14	60	56	oak	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood) comnts Fmd : Stand was treated in 2003 as part of Sale #069-02-1 Four Point Aspen. 2000 - Hagan - Leave oak. Wld : Consider leaving a few beech. All age RO, some old A, Bass. RM sapling understory.														
70	A 3	M 1	18	5	1	0	60	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand was clearcut as part of Sale #069-02-1 Four Point Aspen. Wld : Leave as many snags as possible. Leave drumming logs. Wildlife will mark. Dry ridge, variable A/O.														
71	M 6	M 1	21		8	80	60	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Sale # 71-02 , 4 Point Hdwd, completed in 9/06 dkj. 2000 - Hagan - Stand is broken up now because of aspen cut in '92. Older aspen and oak border this stand to the south and west. M9,M6. Did not pick up any aspen or oak in this stand. 1989 - M8A807.OAK SAPLINGS IN UNDERSTORY. THIN-REMOVE ASPEN, ENCOURAGE QUALITY OAK AND HARDWOODS. Wld : SM, AB, Bass. IW/AB, maple leaf viburnum understory. Some scattered A, O.														
72	A 3	M 1	35	16	4	0	68	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Sale #44-91. Wld : 1-3" aspen.														
73	A 5	M 2	3	45	8	60	60	aspen (upland)	mature	N	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : 2008 - Hagan - Clearcut with retention. Red maple could also be a MO.														
74	M 6	M 1	9		8	80	60	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Sale # 71-02 , 4 Point Hdwd, completed in 9/06 dkj. 2000 - Hagan - Stand is broken up now because of aspen cut in '92. This part of stand does have aspen and some oak in it. 1989 - M8A807.OAK SAPLINGS IN UNDERSTORY. THIN-REMOVE ASPEN, ENCOURAGE QUALITY OAK AND HARDWOODS. Wld : Like 71, but more WP. Good amounts of snags, CWD at present.														
75	A 6	M 2	47	57	8	100	60	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity comnts Fmd : 2008 - Hagan - Clearcut with retention. Red maple or oak could also be a MO. Leave any oak. 2000 - Hagan - Mix of larger and smaller (4-5") aspen. 1989 - A4A3 AREAS OF M5. Wld : Well stocked aspen poles, some sawlog size. A few RM, O, WB. WHZ, BC, WP understory. Fair number of snags and CWD at present.														

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Stand	Cover Type- Dnsty	Under Story- Stkng Level	A c r e s	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
76	O 9	M 1	18	85	16	70	68	oak	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Stand was cut in 2003 as part of Sale #069-02-1 Four Point Aspen Sale. 2000 - Hagan - Very nice high quality oak. Cut leaving oak, where there are areas of heavy aspen mark oak to cut. 1989 - MANAGE FOR QUALITY OAK IF TIME ALLOWS. FDF POSSIBLE.														
Wld : Good quality oak. Pole A, WB, RM. Leave all white oak.														
77	A 3	M 1	24	5	1	0	64	aspen (upland)	nonstocked	N		50-59 years	0	
comnts Fmd : Stand was clearcut in 2003 as part of Sale #069-02-1 Four Point Sale. 2000 - Hagan - Mainly a pure aspen type. Leave white oak if any are present.														
Wld : Retain white oak. Leave as many snags as possible. Leave drumming logs. Wildlife will mark.														
78	A 5	A 2	19	30	6	60	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : 2008 - Hagan - Some O1 in understory also. 2000 - Hagan - Heavier to white pine understory to the southeast part of stand.														
79	R 9	W 2	3	80	16	120	70	red pine	two aged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Inadequate volume due to small acreage														
comnts Fmd : 1989 - SUPPRESSED GROVE OF PINE														
80	A 3	O 1	3	16	3	0	65	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Sale #15-91														
Wld : 1-2" saplings, some RM.														
81	A 5	A 2	56	25	6	50	65	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Sale #52-81														
Wld : 3-7" A, dense. Some RM clumps, WB, O, WP.														
82	O 9	O 1	9	78	18	130	56	oak	two aged	Y	shelterwood- seed	within 0-9 years	1	
Wld : Like 69.														
83	A 3	O 1	27	16	4	0	65	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Sale #15-91.														
Wld : thick 1-2" dbh														
84	O 9	M 1	29	78	20	90	56	oak	two aged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Sale # 68-02 Oak Ridge, removed all aspen and red maple- oak remains dkj 3-8-06. 2000 - Hagan - North end of stand nice ash/oak mix about 1 acre. Little red pine pocket <1 acre, north end. Do not cut these. Aspen has a S.I. of 55. Take out aspen only.														
85	O 9	M 2	108	78	20	120	56	oak	two aged	Y	shelterwood- seed	within 0-9 years	1	
comnts Fmd : 2008 - Hagan - Take out aspen & maple, mark or diameter limit oak to take out.														
86	A 3	O 1	1	16	3	0	65	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Sale #15-91														
Wld : 1-2" saplings, some RM.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
87	A3	O1	1	2	0	0	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Sale # 68-02 Oak Ridge, final harvested. Dkj 3-8-06														
Wld : Leave a couple logs on the ground.														
88	R9	M2	1	90	16	170	60	red pine	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Scenic values/visual values														
Inadequate volume due to small acreage														
comnts Fmd : RED PINE GROVE ALONG BOG.DEER USE & COVER														
Wld : RP/WP sawlogs, a few A, BC. Blueberry, wintergreen, bracken, some snags.														
89	A2	O2	39	2	0	0	56	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Sale # 68-02 Oak Ridge, final harvested stand should regen to mix asp.-oak. 2000 - Hagan - Leave seed tree oak.														
Wld : Leave as many snags as possible, a couple drumming logs per acre (WLD can mark).														
90	A6	M1	2	79	8	90	65	aspen (upland)	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : 2008 - Hagan - Retention area left within sale # 69-02.														
91	A6	M1	1	79	8	90	65	aspen (upland)	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Influence zones														
comnts Fmd : 2008 - Hagan - Leave area along V type, left from sale # 69-02.														
92	M9	M3	6		16	70	65	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : 2008 - Hagan - Understory heavier & more variety of speices in this stand.														
Wld : Stands 61 and 62 similar, but much more bigtooth in 61. SM, AB saplings, big RO, WB, Bass, some WP seedlings and saplings, occassional old WP. Maintain spp diversity. Blackberry, bracken, old WP stumps.														
93	L0	L0	1			0		lowland brush	nonstocked	N		not scheduled	0	
94	M6	M1	1		8	70	60	northern hardwood	unevenaged	N		not scheduled	0	
comnts Fmd : 2008 - Hagan - Hardwood island (retention) that was left for timber sale # 77-02.														
95	A6	A2	6	27	6	80	60	aspen (upland)	immature	N		20-29 years	0	
Wld : 5-7" aspen poles, RP and WB poles, some BC, RP seedlings. Wintergreen.														
96	M9	M2	10		12	100	64	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : 2008 - Hagan - No red pine in this stand, thus this stand has not been logged.														
97	A4	M2	1	25	8	40	60	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Sale #55-81														
Wld : 5" aspen poles.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B	Tot. BA								
98	M 6	M 3	6	8	70	55	northern hardwood	unevenaged	N		10-19 years	0		
comnts Fmd : 2008 - Hagan - Some scattered red pine in this stand.														
99	O 8	O 2	13	72	18	60	64	oak	two aged	N		10-19 years	0	
Wld : all ages RM, some WP														
100	U 0	U 0	6		0	0	upland brush	nonstocked	N			not scheduled	0	
comnts Fmd : 2008 - Hagan - Scattered black and choke cherry. UPLAND BRUSH,SOME WOLFY OAK.SHARPTAIL GROUSE														
Wld : Large and small BC, thick. Also some hawthorn, blackberry, blueberry, clumps large oak. Bracken.														
101	O 9	M 1	16	72	16	160	64	oak	two aged	N	shelterwood-seed	within 0-9 years	1	
Wld :														
400	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2008 - Hagan - A few small choke cherries present. 2000 - Hagan - Old well pad. 1989 - OLD OIL WELL SITE 1978. PLANT TO LEGUMES (WILDLIFE DIV)														
Wld : Use as landing when cutting stand 1 to maintain as opening, seed after sale.														
401	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
Wld : BC over grass, bracken. OK for now.														
402	G 0	G 0	9			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2000 - Hagan - Grass with scattered choke cherry. 1989 - GRASS GROWING INTO A3, A2, U2, WILDLIFE DIV. TO PLANT SOME SHRUBS.														
Wld : Grass, BC, sweetfern. OK for now.														
403	G 0	G 0	3			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Old well pad. Still has monitor wells on it. Waiting for company to pull pipe.														
Wld : Replant after well abandoned.														
404	G 0	G 0	3			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Old well pad.														
405	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Scattered red pine.														
406	G 0	G 0	9			0		grass	nonstocked	N		not scheduled	0	
Wld :														
407	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2008 - Hagan - A few choke cherry, aspen and white pine encroaching.														
Wld : Frost pockets. Grass, sedge, bracken, a few cherry, hawthorn. OK for now.														

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S t a n d	Cover Type- Size Dnsty	Under Story- Stkng Level	A c r e s	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
408	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
Wld : Blackberry, sweetfern, grass, bracken. OK for now.														
409	G 0	G 0	14			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2008 - Hagan - Small aspen clone (< 1 acre) north part of stand along 4 Point Road.														
Wld : Like 410. Encroaching BC, SM, some old fruit trees, rock piles. Grass, goldenrod, blackberry. OK for now.														
410	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd :														
Wld : Small, semi-open w/sapling WP, SM, BC, A encroaching over bracken. Maintain by hand cutting or use as landing when stand 75 is cut.														
411	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd :														
Wld : Frost pocket. Grass, poverty grass, bracken, lichen. A few BC. OK for now.														
412	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd :														
Wld :														
413	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd :														
Wld :														
Total Acres..... 2322														