

H. O. CO. ACREAGE 4168 SUB NO. 1 Jas. Rafferty SURVEY Hardin COUNTY, ABSTRACT NO. 45

Acreage found 4118 Patentee Estimated by Otey, Shaw, McDonald & Dumphy Date Nov. 5-6-7, 1910
 Timber Rights Expire Mineral Rights Expire H. O. Co. Represented by
 Encroachments, Conflict, Trespass, Houses, Fences, Fields House, Field and Fences
 Has Land Been Cut Over? Partly When 8-10 yrs. By Kirby Lumber Co. Class of Timber Cut Long Leaf Pine
 Topography Rolling Soil Sand, Clay and Alluvial
 Adaptable for Agriculture Indications of

| PINE REPRODUCTION | | | | | |
|-------------------|-----|-----|-----|------|-----|
| Area No. | 1 | 2 | 3-A | 3-B | 4 |
| Acres | 430 | 600 | 35 | 485 | 590 |
| L. L. Seedlings | | | | | |
| S. L. Seedlings | | | | | |
| L. L. 7" | 1M | | 1M | | 2M |
| L. L. 8" to 11" | 2M | | 9M | | 11M |
| S. L. 7" | | 7M | | 19M | 11M |
| S. L. 8" to 11" | 7M | 36M | | 113M | 58M |
| Total Feet | 10M | 43M | 10M | 132M | 82M |

| MERCHANTABLE PINE (M. FEET) HERRING LOG SCALE—OUTSIDE BARK MEASUREMENT | | | | | | | | |
|--|-------|------------|----------|------------|----------|--------------|------------|------------|
| AREA NO. | ACRES | LONG LEAF | | SHORT LEAF | | LOGS TO TREE | LOGS TO M. | TOTAL FEET |
| | | 12" to 16" | 17" & Up | 12" to 16" | 17" & Up | | | |
| 1 | 430 | 4 | | 56 | 284 | 3-4 | 8 | 344,000 |
| 2 | 600 | | | 252 | 1399 | 3-4 | 8 | 1,651,000 |
| 3-A | 35 | 35 | 250 | | | 3-4 | 8 | 285,000 |
| 3-B | 485 | | | 495 | 2527 | 3-4 | 8 | 3,022,000 |
| 4-A | 40 | 58 | 298 | | | 3-4 | 8 | 356,000 |
| 4-B | 550 | | | 250 | 1763 | 3-4 | 8 | 2,013,000 |
| Total Feet | | 97 | 548 | 1053 | 5973 | | | 7,671,000 |

Growth Isolated or Grouped Jeopardized by
 Quality L.L. medium, S.L. sound, good length and smooth.
 Injury None
 Preferred Method of Logging Tram

| Method of Logging | AREA NO. | ACRES | TUPELO GUM | RED GUM | | CYPRESS | | WHITE OAK | | RED OAK | | HICK-ORY | ASH | BEECH | MAG-NOLIA | TOTAL | | |
|-------------------|----------|-------|------------|----------------|--------------|---------|------|-----------|------|---------|------|----------|-----|-------|-----------|-------|-----------|------|
| | | | | Ties | Feet | Ties | Feet | Ties | Feet | Ties | Feet | | | | | Feet | Ties | |
| | | | | Nearest Stream | Neches River | 1 | 430 | | 340 | 269 | 80 | | | | | 26 | 340 | 195 |
| | | 2 | 600 | 32 | 1112 | 529 | 160 | 64 | 1036 | 351 | 858 | 169 | | | 56 | 56 | 1,257,000 | 3166 |
| Reproduction | None | 3-B | 485 | | 258 | 191 | 128 | | 948 | 457 | 1042 | 389 | | | 26 | 36 | 1,099,000 | 2376 |
| | | 4-B | 550 | 132 | 1312 | 496 | 1188 | 478 | 1096 | 630 | 570 | 254 | 5 | | | | 1,995,000 | 4166 |

Revised Courses and Distances 4,967,000 11001

H. O. Co. owns 4018 acres in fee and timber only on 100 acres.

