

SURVEY FOR: LONE ROCK TIMBERLAND CO.
SECTION 30 THE S1/2 T. 25 S. R. 4 W.W.M.
SECTION 31 THE N1/2 T. 25 S. R. 4 W.W.M.
SECTION 32 THE N1/2 T.25 S. R. 4 W. W.M.
SECTION 28 T. 25 S. R. 4 W.W.M.
SURVEYED BY: LONE ROCK TIMBER MANAGEMENT CO.
SURVEY: MT. SCOTT #12/ UMPQUA PROPERTIES/ KASTOR
DOUGLAS COUNTY, OREGON APRIL 2008

FILED
Date: **5-2-2008** By: **JC**
This survey consists of:
Map: **M146-75**
Narrative:
Corner: **PLS 2291**
DOUGLAS COUNTY

NARRATIVE:
THE PURPOSE OF THIS SURVEY IS TO SET PROPERTY CORNERS AND MARK PROPERTY LINES FOR TIMBER CUTTING PURPOSES. WE INITIATED THIS SURVEY BY ESTABLISHING A GPS CONTROL NETWORK AT NUMEROUS POINTS AROUND THE PERIMETER OF THIS SURVEY PROJECT SHOWN. WE THEN RAN A CONVENTIONAL RANDOM TRAVERSE THROUGH THE ENTIRE PROJECT AREA TYING IN ALL THE CORNERS AND OUR GPS CONTROL POINTS. WE BALANCED OUR TRAVERSE BETWEEN OUR GPS CONTROL POINTS BY THE COMPASS ADJUSTMENT METHOD. WE SET PROPERTY CORNER (3) ON THE SECTION LINE FROM DEED RECORD (ALSO SHOWN ON MAP M49-75) DISTANCE OF 4079.97 FEET FROM THE SOUTHEAST CORNER OF SECTION 30. THERE IS AN EXISTING OLD FENCE LINE NOT MAINTAINED BETWEEN CORNER (2) AND (3) WITHIN 5 FEET OF MARKED PROPERTY LINE. THERE IS ALSO A NON-CONTINUOUS FENCELINE NOT MAINTAINED BETWEEN CORNERS (3) AND (4) THAT MEANDERS CLOSE TO THE RIDGELINE, UP TO 60 FEET OFF MARKED PROPERTY LINE. WE SET PROPERTY CORNER (4) AT RECORD DISTANCE FROM IRON ROD (5) AND A COMPUTED RECORD BEARING BASED UPON THE LINE BETWEEN IRON RODS (5) AND (6). WE SET PROPERTY CORNER (17) AT RECORD DISTANCE FROM IRON ROD (16) AND A COMPUTED RECORD BEARING BASED UPON THE LINE BETWEEN IRON RODS (15) AND (16). IRON ROD (17) LIES IN THE MIDDLE OF EXISTING CAT FIRE TRAIL ROAD AND 28 FEET SOUTH OF FENCELINE WHICH THEN COMES BACK ONTO LINE WITHIN 100 FEET TO IRON RODS (16) AND (18). THE REST OF THE FENCELINE BETWEEN IRON RODS (4) TO (16) AND IRON RODS (18) TO (24) CLOSELY FALLS ON THE LINE BETWEEN IRON RODS. WE SET PROPERTY CORNER (18) AT INTERSECTION OF RECORD DISTANCES BETWEEN PROPERTY CORNER (17) WE SET AND IRON ROD (19). WE SET PROPERTY CORNER (25) ON THE SECTION LINE AT RECORD DISTANCE OF 56.52 FEET (FROM M49-75) EAST OF THE 1/4 CORNER (26). WE SET THE SOUTHWEST 1/16 CORNER OF SECTION 28 (31) AT THE PROPER SUBDIVISION OF SOUTHWEST 1/4 OF SECTION 28 BASED ON THE FOUND EXTERIOR CORNERS OF SECTION 28 AS SHOWN ON THE MAP. THIS SURVEY WAS DONE WITH TRIMBLE 4400, 4000SS, 4000SSI AND 4000 SE GPS EQUIPMENT AND A NIKON DTM 522 TOTAL STATION WITH GARY ANGIOLET, IGNACIO ROMAN AND DAVE RING ASSISTING ME.

CORNER INFORMATION:

- 1) THE QUARTER CORNER BETWEEN SECTIONS 25 AND 30
FOUND 5/8" IRON ROD FOR WITNESS CORNER.
-- 45" DOUGLAS FIR BEARS N27°W, 56.3 FEET AS PER RECORD IN MAP M33-71, HEALED FACE AND TAG
-- 24" DOUGLAS FIR BEARS S9°E, 5.7 FEET AS PER RECORD IN MAP M33-71, HEALED FACE AND TAG
CORNER LIES ON STEEP NORTHEAST SLOPE APPROXIMATELY 70 FEET SOUTH OF CREEK.
- 2) THE SOUTHWEST SECTION CORNER FOR SECTION 30
FOUND 1957 BLM BRASS CAP.
-- 33" FIR SNAG BEARS N63 1/4°E, 22.5 FEET (RECORD N63°E, 21.12 FEET) BARK SCRIBED AND TAGGED
-- 39" DOUGLAS FIR BEARS N36 1/2°E, 87.7 FEET (RECORD N36 1/2°E, 87.13 FEET) HEALED FACE AND TAG
-- 19" CEDAR BEARS N42 1/4°W, 46.15 FEET (RECORD N42 1/2°W, 46.0 FEET) HEALED FACE AND TAG
-- 24" CEDAR BEARS S66 1/2°W, 42.2 FEET (RECORD S65 1/2°W, 42.2 FEET) HEALED FACE AND TAG
-- 47" DOUGLAS FIR BEARS N75 1/2°W, 36.9 FEET (RECORD N75°W, 37.2 FEET) CHOPPED OUT FACE AND TAG
-- 50" DOUGLAS FIR BEARS N3 1/4°W, 7.7 FEET, NO RECORD, COUNTY TAG AND BARK SCRIBED
-- 32" DOUGLAS FIR STUMP BEARS S40°E, 22.5 FEET (RECORD S40°E, 23.1 FEET) CHOPPED OUT FACE AND TAG
CORNER LIES IN EAST-WEST FENCE LINE ON SOUTH FACING SLOPE.
- 3) PROPERTY CORNER ON SECTION LINE BETWEEN SECTIONS 30 AND 31
SET 5/8" X 40" IRON ROD WITH YELLOW PLASTIC CAP MARKED LONE ROCK TIMBER PLS 2291.
-- 21" DOUGLAS FIR BEARS S31°W, 28.7 FEET WE SCRIBE B.T. AND TAG
-- 18" DOUGLAS FIR BEARS N18°E, 49.7 FEET WE SCRIBE B.T. AND TAG
CORNER LIES 1.0 FEET NORTH OF FENCE LINE THAT RUNS S42°E APPROX. 16 FEET TO MAPLE TREE FENCE CORNER THEN TURNS NORTH. CORNER IS IN THE MIDDLE OF OLD ROAD GRADE, PUT METAL FENCE POST 0.5 FEET NORTH.
- 26) THE QUARTER CORNER BETWEEN SECTIONS 29 AND 32
FOUND 1957 BLM CAP.
-- 35" FIR SNAG RECORD N39 1/4°E, 21.12 FEET, SNAG HAS UPROOTED AND FALLEN ON TOP OF CORNER, WE BUCK LOG OFF OF CORNER
-- 10" DOUGLAS FIR BEARS S25 3/4°E, 27.0 FEET, WE SCRIBE 1/4 S32 B.T. AND TAG TREE
-- 9" DOUGLAS FIR BEARS N35 1/4°E, 13.2 FEET, WE SCRIBE 1/4 S29 B.T. AND TAG TREE
-- 8" DOUGLAS FIR BEARS N47°W, 31.1 FEET, WE SCRIBE 1/4 S29 B.T. AND TAG TREE
-- 8" DOUGLAS FIR BEARS S85°W, 12.0 FEET, WE SCRIBE 1/4 S32 B.T. AND TAG TREE
CORNER LIES APPROXIMATELY 60 FEET WEST OF POWER LINE RIGHT OF WAY IN STAND OF 8" TO 12" REPROD.
- 27) THE SOUTHEAST CORNER OF SECTION 30
FOUND 1957 BLM BRASS CAP.
-- 12" HEMLOCK S75 1/2°E, 18.4 FEET (RECORD S72°E, 18.48 FEET) HEALED FACE AND TAG
-- 13" DOUGLAS FIR BEARS S63 1/4°W, 7.6 FEET (RECORD S61°W, 7.59 FEET) HEALED FACE AND TAG
-- 14" DOUGLAS FIR BEARS N71°W, 9.4 FEET (RECORD N72°W, 9.24 FEET) HEALED FACE AND TAG
-- 19" HEMLOCK BEARS N45 3/4°E, 21.6 FEET (RECORD N46°E, 21.78 FEET) HEALED FACE AND TAG
CORNER LIES ON STEEP NORTHWEST SLOPE APPROXIMATELY 150 FEET EAST OF DRAW.
- 28) THE SOUTHWEST CORNER OF SECTION 28
FOUND 1957 BLM BRASS CAP.
-- 20" CEDAR BEARS S57°E, 108.1 FEET (RECORD S57 1/2°E, 108.24 FEET) HEALED FACE AND TAG
-- 20" CEDAR BEARS S55°W, 234.0 FEET (RECORD S51°W, 234.3 FEET) HEALED FACE AND TAG
-- 18" OAK BEARS N88 1/2°W, 352.44 FEET AS PER RECORD, HEALED FACE AND TAG
-- 18" DOUGLAS FIR BEARS N85°E, 166.32 FEET AS PER RECORD, HEALED FACE AND TAG
CORNER LIES ON GRASSY SOUTHWEST SLOPE 30 FEET SOUTH OF FENCE LINE AND APPROXIMATELY 300 FEET SOUTH OF RIDGETOP.
- 29) THE WEST 1/16 CORNER BETWEEN SECTION 28 AND SECTION 33
FOUND 2004 BLM CAP.
-- 14" DOUGLAS FIR BEARS N20 1/2°E, 11.6 FEET (RECORD N21 1/2°E, 11.1 FEET) VISIBLE SCRIBING AND TAG
-- 11" DEAD WHITE FIR BEARS S68°E, 24.8 FEET (RECORD S68°E, 24.8 FEET) VISIBLE SCRIBING AND TAG
-- NEW B.T. 20" DOUGLAS FIR BEARS S14 1/4°W, 13.8 FEET, WE SCRIBE W 1/16 S28 B.T. AND TAG TREE
-- NEW B.T. 10" DOUGLAS FIR BEARS N86°W, 16.1 FEET, WE SCRIBE W 1/16 S33 B.T. AND TAG TREE
CORNER LIES ON EAST FACING SLOPE APPROXIMATELY 20 FEET EAST OF SMALL BENCH. IRON PIPE NEXT TO CORNER.
- 30) THE QUARTER CORNER BETWEEN SECTION 28 AND SECTION 33
FOUND 1966 COUNTY CAP.
-- 19" DOUGLAS FIR BEARS N70 1/4°W, 10.8 FEET (RECORD N70°W, 11.2 FEET) HEALED FACE AND TAG
-- 23" WHITE FIR BEARS S50°W, 9.5 FEET (RECORD S51°W, 9.7 FEET) HEALED FACE AND TAG
-- 41" DOUGLAS FIR BEARS S76°W, 32.2 FEET (RECORD S76 1/4°W, 33.2 BARK SCRIBED AND TAG
CORNER LIES APPROX. 150 FEET EAST OF CREEK ON NORTHWEST FACING SLOPE
- 31) THE SOUTHWEST 1/16 CORNER FOR SECTION 28
SET 5/8" X 40" IRON ROD WITH 2 1/2" ALUMINUM CAP MARKED LONE ROCK TIMBER SW 1/16 S28 2008 PLS 2291.
-- 18" DOUGLAS FIR BEARS N67 3/4°W, 19.0 FEET, WE SCRIBE SW 1/16 S28 B.T. AND TAG TREE
-- 12" DOUGLAS FIR BEARS S23 3/4°E, 33.9 FEET, WE SCRIBE SW 1/16 S28 B.T. AND TAG
-- UNRECORDED 1" IRON PIPE 18" ABOVE GROUND BEARS S73 1/2°W, 25.4 FEET
CORNER 1.0 FEET ABOVE GROUND ON SOUTHEAST SLOPE APPROXIMATELY 60 FEET WEST OF NEW DIRT ROAD.
- 32) THE SOUTH 1/16 CORNER BETWEEN SECTION 28 AND SECTION 29
FOUND 1982 BLM CAP.
-- 1957 WITNESS BRASS CAP N4°10'W, 12.63 FEET, (RECORD N4°26'W, 13.20 FEET)
-- BEARING TREE FOR WITNESS CORNER 21" DOUGLAS FIR BEARS N56 1/4°W, 16.9 FEET (RECORD N57°W, 17.82 FEET)
HEALED FACE AND TAG
-- BEARING TREE FOR WITNESS CORNER 20" DOUGLAS FIR BEARS N55 1/2°E, 11.6 FEET (RECORD N57°E, 11.88 FEET), HEALED
FACE AND TAG
CORNER SITS AT BOTTOM OF ROCK FACE AT HEAD OF SHALLOW DRAW.
- 33) THE QUARTER CORNER BETWEEN SECTIONS 28 AND 29
FOUND 1957 BLM CAP.
-- 33" DOUGLAS FIR SNAG BEARS N78 1/2°E, 29.7 FEET AS PER RECORD, VISIBLE SCRIBING
-- 30" CEDAR BEARS N5°E, 33.0 FEET AS PER RECORD, HEALED FACE AND TAG
CORNER LIES AT WEST EDGE OF WEST FACING POISON OAK SLOPE, 30' TALL REPROD WEST OF CORNER.
- 34) THE NORTHWEST SECTION CORNER FOR SECTION 28
FOUND 1957 BLM CAP.
-- 6" FIR STUMP BEARS N85°E, 17.82 FEET AS PER RECORD, HEALED FACE AND TAG
-- 12" MADRONE BEARS S19 1/2°W, 39.6 FEET AS PER RECORD, VISIBLE SCRIBING AND TAG
-- 6" FIR STUMP BEARS N60°W, 55.77 FEET AS PER RECORD, HEALED FACE AND TAG
-- IRON ROD BEARS S60°E, 15.51 FEET AS PER RECORD
CORNER LIES APPROXIMATELY 20 FEET SOUTH OF ROCK ROAD. REPROD TO NORTH AND EAST. TIMBER TO SOUTHWEST.
- 35) THE NORTHEAST SECTION CORNER FOR SECTION 28
FOUND 1957 BLM CAP WITH METAL FENCE POST ALONGSIDE.
-- 22" CEDAR SNAG BEARS S31°39'W, 13.8 FEET AS PER RECORD, VISIBLE SCRIBING AND TAG
-- SOUTHWEST CORNER POLE BARN BEARS S77°31'W, 325.0 FEET AS PER RECORD
-- 20" CEDAR BEARS S77°51'W, 354.65 FEET, AS PER RECORD VISIBLE SCRIBING AND TAG
-- 23" WHITE FIR BEARS S8°56'W, 215.8 FEET, AS PER RECORD VISIBLE SCRIBING AND TAG
-- 6" OAK SCHOOLMARM AT FENCE CORNER BEARS N58°51'E, 228.9 FEET AS PER RECORD, VISIBLE SCRIBING AND TAG
-- IRON ROD WITH YELLOW PLASTIC CAP MARKED LONE ROCK TIMBER PLS 2291 BEARS N55°53'31"W, 818.97 FEET AS PER
RECORD
-- IRON ROD WITH YELLOW PLASTIC CAP MARKED LONE ROCK TIMBER PLS 2291 BEARS N34°34'15"W, 978.18 AS PER RECORD
CORNER LIES AT EDGE OF ACTIVE ROCK PIT.
- 36) THE QUARTER CORNER BETWEEN SECTIONS 27 AND 28
FOUND 1957 BLM CAP.
-- 20" YEW BEARS S46°W, 31.4 FEET (RECORD S44°W, 31.9 FEET), VISIBLE SCRIBING AND TAG
-- 17" DOUGLAS FIR BEARS S19 3/4°E, 64.9 FEET (RECORD S20°E, 64.7 FEET) HEALED FACE AND TAG
CORNER LIES JUST NORTH OF OLD SKID ROAD.

LINE TABLE

LINE	BEARING	LENGTH	RECORD
(4) TO (5)	N85 54' 25"E	154.37'	(S85°54'30"W 154.37')
(5) TO (6)	N87°42'15"E	176.94'	(S87°42'20"W 176.92')
(6) TO (7)	N66°51'01"E	302.37'	(S66°49'50"W 302.40)
(7) TO (8)	N60°12'48"E	112.28'	(S60°07"W 112.29')
(8) TO (9)	N85°07'13"E	289.20'	(S85°05'20"W 289.40')
(9) TO (10)	S87°06'47"E	373.40'	(N87°10'10"W 373.20')
(10) TO (11)	S87°14'21"E	98.81'	(N87°16'30"W 98.81')
(11) TO (12)	S64°21'19"E	189.08'	(N64°26"W 189.30')
(12) TO (13)	N76°20'45"E	187.93'	(S76°16"W 187.74')
(13) TO (14)	N83°19'00"E	473.80'	(S83°17"W 473.80')
(14) TO (15)	N73°55'52"E	243.76'	(S73°55'50"W 243.77')
(15) TO (16)	N82°17'53"E	302.26'	(S82°17'10"W 302.26')
(16) TO (17)	N72°06'23"E	392.50'	(S72°05'40"W 392.50')
(17) TO (18)	N49°57'46"E	720.07'	(S49°57"W 720.07')
(18) TO (19)	S56°22'42"E	916.22'	(S56°23'20"W 916.22')
(19) TO (20)	S87°33'40"E	632.54'	(N87°32'40"W 632.40')
(20) TO (21)	S85°00'04"E	259.44'	(N85°04"W 259.58')
(21) TO (22)	N68°50'09"E	441.11'	(S68°50'20"W 441.07')
(22) TO (23)	N72°20'29"E	419.77'	(S72°21'30"W 419.93')
(23) TO (24)	S88°24'27"E	201.76'	(N88°23'30"W 201.79')

TABLE OF BEARING TREES ALL TREES SCRIBED B. T. AND TAGGED

(4)	39" FIR N80°E 20.5'
(5)	NO BEARING TREE
(6)	45" FIR N66°E 6.45'
(7)	13" FIR N56°W 5.4'
(8)	8" FIR S66°W 8.0'
(9)	8" FIR N11°E 46.0'
(10)	17" FIR N11°E 46.0'
(11)	7" OAK N80°W 36.3'
(12)	18" FIR N33°W 39.1'
(13)	13" OAK N77°E 89.2'
(14)	14" FIR N12°E 12.65'
(15)	5" FIR S14°E 3.3'
(16)	23" OAK S55°W 28.2'
(17)	9" FIR N41 1/2°E 21.6' AND 20" FIR S81 3/4°W 70.3'
(18)	10" FIR S68°E 18.3'
(19)	11" OAK N28°W 33.7'
(20)	6" FIR N67°E 13.0'
(21)	16" OAK N67°W 17.3'
(22)	6" FIR N40°E 16.7'
(23)	12" OAK N1°W 24.6'
(24)	11" OAK N2°E 19.9'
(25)	N1/4 FOR SEC. 32 BEARS N88°44'29"W 56.52'

- LEGEND:**
- FOUND GOVERNMENT CORNERS
 - FOUND BAUGHMAN 1/2" IRON ROD PER MAP M 49-75
 - FOUND BENTZ WITNESS CORNER PER MAP M 33-71
 - MARKED LONE ROCK TIMBER PLS 2291
 - CALCULATED POINT
 - PROJECTED LINES
 - LINES FLAGGED, BLAZED, AND TAGGED
 - x x x MAINTAINED FENCE LINES
 - () - BAUGHMAN 1974 MAP M 49 - 75 FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
 - [] - BENTZ 1970 SURVEY M 33 - 71 FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
 - < > - 2004 BLM FIELD NOTES NOT YET FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
 - << >> - 1982 BLM FIELD NOTES PAGES 17516 - 17520 FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
 - { } - GLO FIELD NOTES PAGES 3733, 3741 AND 3757 FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
 - \ / - BLM FIELD NOTES PAGE 12290 - 91 AND 12304 - 08 FILED IN DOUGLAS COUNTY SURVEYORS OFFICE

REGISTERED PROFESSIONAL LAND SURVEYOR
Ken W. Hoffman
OREGON
JULY 16, 1987
KEN W. HOFFMAN
PLS 2291
EXPIRES 6-30-09

0 1000'
BASIS OF BEARING FROM GPS

