

BASIS OF BEARINGS
 GEODETIC NORTH
 BASED ON A GPS OBSERVATION
 TAKEN AT THE SE COR. SEC. 17

LEGEND

- FOUND 1 1/2" GALV. IRON PIPE WITH ATTACHED GRANT COUNTY SURVEYOR BRASS CAP FROM RECORD SURVEY NO. 1074
- ⊙ FOUND 5/8" IRON PIN WITH ATTACHED 2" ALUMINUM CAP MARKED R P SURVEY OPLS 74807 AND FOR SEC. COR. FROM RECORD SURVEY NO. 1726
- SET 5/8"x15" IRON PIN WITH ATTACHED 2" ALUMINUM CAP MARKED BENCHMARK LAND SURVEYING AND WITH APPROPRIATE 1/4 AND 1/16 CORNER DESIGNATIONS
- G () GLO RECORD BEARING AND DISTANCE
- S () RECORD BEARING AND DISTANCE FROM SURVEY NO. 235 IN 1910 BY MICHAEL SPEARS
- [] RECORD BEARING AND DISTANCE FROM 1940 OREGON STATE HIGHWAY DEPT. MAP NO. 5B-25-17
- 1 [] RECORD BEARING AND DISTANCE FROM SURVEY NO. 1726
- X-X FENCE LINE

NARRATIVE

THIS SURVEY WAS PERFORMED AT THE REQUEST OF GARY JEPSON, OWNER OF THE LAND DESCRIBED IN DEED INSTRUMENT NO. 20111280, DEED RECORDS OF GRANT COUNTY, OREGON. THE PURPOSE OF THIS SURVEY WAS TO MONUMENT CERTAIN CORNERS OF MR. JEPSON'S PROPERTY AND TO MARK WITH STEEL POSTS AND FLAGGING THE WEST PROPERTY LINE. THIS REQUIRED A DEPENDENT RESURVEY OF SECTION 17.

TOWNSHIP 9 SOUTH, RANGE 26 EAST WAS ORIGINALLY SUBDIVIDED BY AARON YORK, U.S. DEPUTY SURVEYOR FOR THE GLO, IN 1879 UNDER CONTRACT NO. 335. MR. YORK SET STONE MONUMENTS AT THE SECTION AND 1/4 SECTION CORNERS.

IN 1910 COUNTY SURVEYOR MICHAEL SPEARS CONDUCTED A SURVEY OF LANDS NORTH OF SECTION 17. DURING THE COURSE OF THAT SURVEY, MR. SPEARS RAN A LINE FROM THE SOUTHWEST CORNER OF SECTION 10 TO THE SOUTHWEST CORNER OF SECTION 8, ESTABLISHING SECTION CORNERS ALONG THE WAY. HIS NOTES DO NOT STATE THE SIZE OF THE STONE MONUMENTS OR HOW THEY WERE MARKED.

OREGON STATE HIGHWAY DEPARTMENT (OSHD) MAP NO 5B-25-17 FROM 1940 SHOWS THE ALIGNMENT OF THE KIMBERLY-MONUMENT HIGHWAY. THIS MAP ALSO SHOWS TIES FROM THE HIGHWAY CENTERLINE TO CERTAIN SECTION CORNERS THAT WERE FOUND DURING THEIR SURVEY.

RECORD SURVEY NO. 1726 BY JACK RANDELL IS A DEPENDENT RESURVEY AND SUBDIVISION OF SEVERAL SECTIONS IN THIS TOWNSHIP. DURING HIS SURVEY MR. RANDELL FOUND CORNER EVIDENCE AT THE NORTHEAST AND E1/4 CORNERS OF SECTION 17. HE ALSO CALCULATED THE POSITION OF THE SOUTHEAST CORNER OF SECTION 17 BASED ON THE POSITION SHOWN ON OSHD MAP NO. 5B-25-17, BUT DID NOT SET A MONUMENT THERE.

I FOUND THE MONUMENT SET BY RANDELL AT THE NORTHEAST CORNER OF SECTION 17 IN GOOD CONDITION. HOWEVER, AT THE E1/4 CORNER I DID NOT FIND RANDELL'S MONUMENT. I DID FIND A PILE OF STONE AT THE CORNER LOCATION AND TWO OF THE FOUR REFERENCE POINTS HE REPORTEDLY SET. I CALCULATED THE POSITION OF THE E1/4, AS SHOWN HEREON, USING A DISTANCE-DISTANCE INTERSECTION FROM THE TWO FOUND REFERENCE POINTS.

I SEARCHED FOR, BUT DID NOT FIND THE MOUND OF STONE REPORTED ON OSHD MAP NO. 5B-25-17. THE CORNER FALLS IN A FIELD THAT HAS BEEN CLEARED AND IS CURRENTLY BEING USED AS A PASTURE. I LOCATED ABOUT A MILE OF HIGHWAY CENTERLINE AND THEN CALCULATED THE POSITION OF THE CORNER BASED ON THE CENTERLINE DATA, DEFLECTION ANGLES AND DISTANCES SHOWN ON THE OSHD MAP. MY CALCULATED POSITION DOES NOT HOWEVER AGREE WITH THE POSITION SHOWN ON MAP OF SURVEY NO. 1726 (MY POSITION BEARS N.08°25'19"E., A DISTANCE OF 22.50 FEET FROM RANDELL'S).

ON HIS MAP, RANDELL STATES THAT THE CORNER LOCATION WAS CONFIRMED BY ODOT TIES TO THE NORTHWEST AND SOUTHEAST CORNERS OF SECTION 15. HE ALSO SHOWS A MAXIMUM DISCREPANCY OF 0.26 FT. WHILE THE OSHD MAP DOES SHOW OTHER FOUND CORNERS AND THEIR RELATIONSHIP TO THE CENTERLINE OF THE HIGHWAY, IT DOES NOT SHOW DIRECT TIES BETWEEN THE SECTION AND 1/4 SECTION CORNERS. IN ADDITION, DURING MY EVALUATION OF MR. RANDELL'S MAP I ALSO FOUND THAT IF I RAN HIS RECORD COURSE AND DISTANCE FROM THE E1/4 CORNER TO THE SOUTHEAST CORNER OF SECTION 17, AND FROM THE SOUTHEAST CORNER OF SECTION 16 TO THE SOUTHEAST CORNER OF SECTION 17, I HAD A MISCLOSURE OF OVER 63 FEET.

DUE TO THE INCONSISTENCIES LISTED ABOVE AND SINCE THERE WAS NO CORNER MONUMENT SET DURING SURVEY NO. 1726 TO PERPETUATE RANDELL'S POSITION, I CHOOSE TO SET A MONUMENT AT THE POSITION I CALCULATED BASED ON THE HIGHWAY CENTERLINE AND THE RECORD DATA.

I ALSO SEARCHED FOR, BUT DID NOT FIND THE ORIGINAL MARKED STONE AT THE N1/4 CORNER OF SECTION 17. I DID FIND A NORTH-SOUTH FENCE THAT TERMINATED AT THE TOP OF A 10 FT. TALL VERTICAL BLUFF. THE END OF THE FENCE FITS RELATIVELY WELL WITH THE NORTHEAST CORNER OF THE SECTION AND ALSO WITH THE GLO CALL TO A DEEP RAVINE 363 FEET WEST OF THE CORNER. I ACCEPT THE END OF THE FENCE AS THE BEST AVAILABLE EVIDENCE OF THE N1/4 CORNER AND SET A NEW MONUMENT.

I FOUND A PORTION OF THE MARKED STONE AT THE S1/4 CORNER OF SECTION 17. THE STONE WAS PARTIALLY BURIED AND WHEN I ATTEMPTED TO REMOVE IT, IT BROKE INTO SEVERAL SMALLER PIECES. THE PIECE I RECOVERED WAS MARKED WITH A 4 AND I DID NOT FIND REMAINS OF THE REST OF THE STONE. THE POSITION OF THIS STONE FITS WELL WITH GLO CALLS TO THE TOE OF THE HILL AND RIVER.

WE SEARCHED FOR, BUT DID NOT FIND ORIGINAL CORNER EVIDENCE AT THE SOUTHEAST, E1/4 AND NORTHEAST CORNERS OF SECTION 17. WE ALSO SEARCHED FOR CORNERS FOR A MILE AND A HALF NORTH AND A HALF MILE SOUTH OF THIS SECTION WITH NO RESULTS. WE INTERSECTED THE TOWNSHIP LINE AT A POINT APPROXIMATELY 600 FEET SHORT OF THE DISTANCE YORK REPORTED. IN CORRESPONDENCES WITH LOCAL SURVEYORS, THE FOREST SERVICE AND THE BLM, I WAS TOLD SEVERAL TIMES THAT THERE WAS NO QUESTION THAT MR. YORK SET CORNERS PER HIS CONTRACT. THERE WAS A CONSENSUS HOWEVER THAT HIS MEASUREMENTS WERE LESS THAN ACCURATE EVEN WHEN CONSIDERING THE EQUIPMENT OF THE DAY AND THE TERRAIN. AFTER SPENDING MANY UNSUCCESSFUL DAYS SEARCHING FOR CORNERS SET BY MR. YORK, I FIND NO REASON TO DISAGREE WITH THE OPINIONS STATED ABOVE.

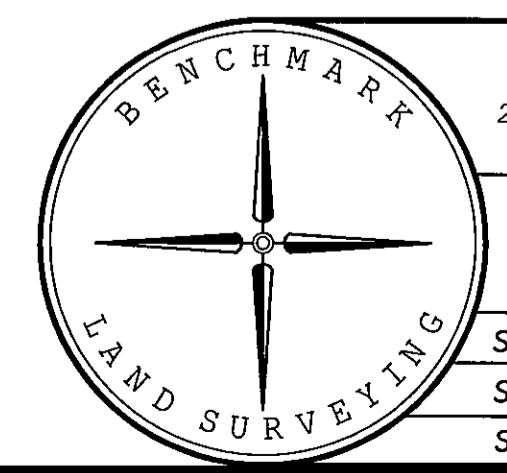
AT THE REQUEST OF MR. JEPSON, I POSTED THE LINE FROM THE S1/4 CORNER NORTHERLY ABOUT 1,400 FEET ALONG THE NORTH-SOUTH CENTER OF SECTION LINE OF SAID SECTION 17.

REFERENCES

- RECORD MAP OF SURVEY NO.'S 235, 1074 & 1726
- GENERAL LAND OFFICE FIELD NOTES
- OREGON STATE HIGHWAY DEPT. MAP NO. 5B-25-17
- DEED RECORD INSTRUMENT NO. 20111280

RECEIVED AND FILED
 GRANT COUNTY SURVEYOR
 APR 24 2015
 BY: *[Signature]*

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
[Signature]
 OREGON
 JUNE 17, 2002
 MICHAEL C. SPRINGER
 #70918
 EXPIRES: 6/30/2016



BENCHMARK LAND SURVEYING
 217 N. CANYON BLVD. JOHN DAY, OREGON
 2101 MAIN STREET, STE 223 BAKER CITY, OREGON
 541-575-1251 ~ 800-699-0516

MAP OF SURVEY
 DEPENDENT RESURVEY
 SITUATED IN THE E1/2 SECTION 17,
 T.9S., R.26E., W.M.,
 GRANT COUNTY, OREGON

SURVEYED FOR	GARY JEPSON	
SURVEYED BY	MCS & JLH	SURVEY COMPLETED
Scale: 1"=500'	Drawn by: MCS	4/18/2015