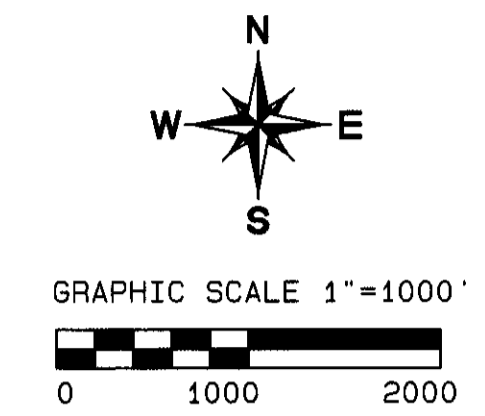
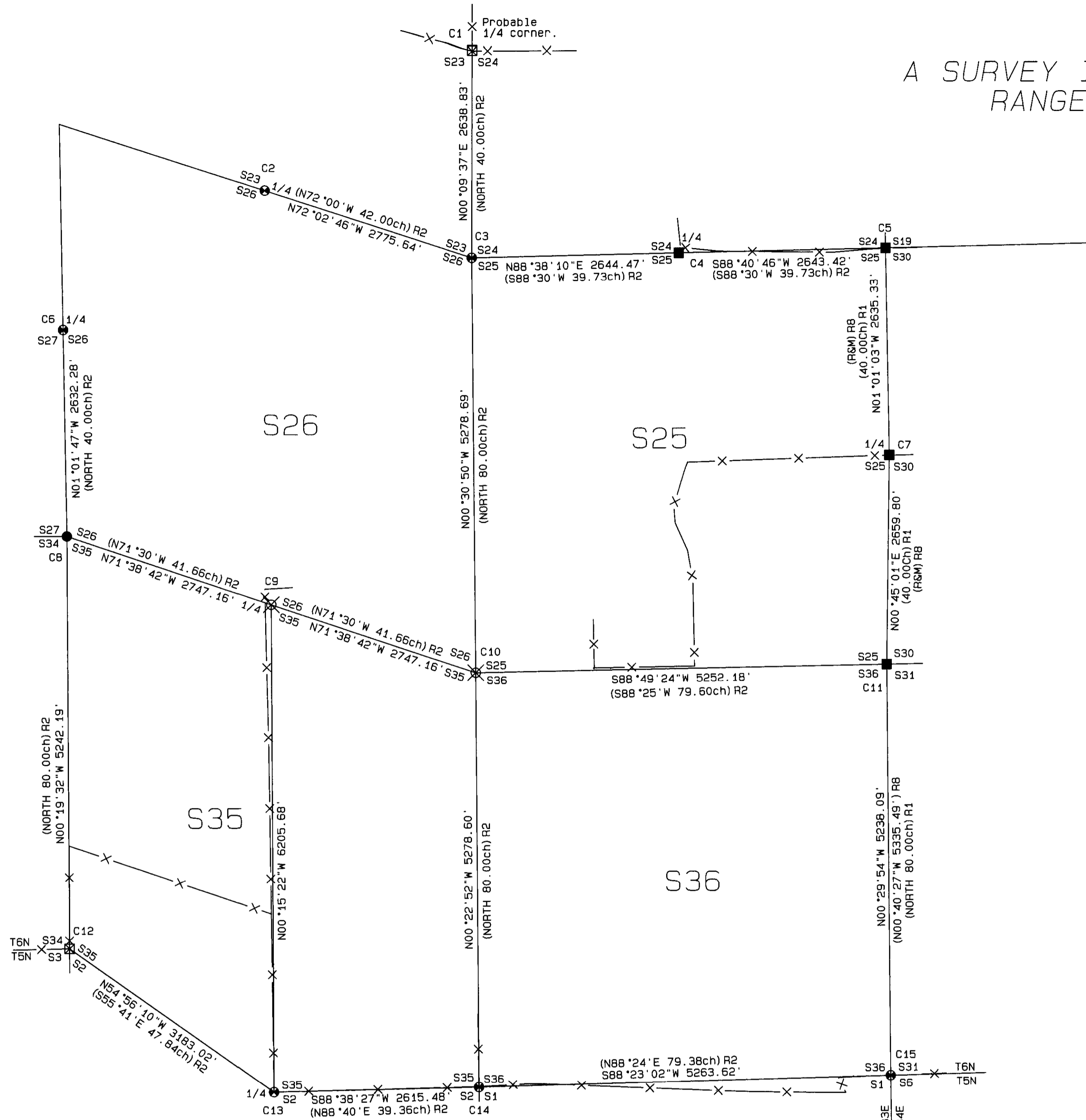


A SURVEY IN TOWNSHIP 6 NORTH  
RANGE 33 EAST, W.M.



NARRATIVE OF SURVEY

This survey was performed at the request of EURUS ENERGY AMERICA CORPORATION. The purpose of the survey was to determine the location of the north - south centerline of Section 35 as shown.

This township was originally subdivided in 1865 by GLO deputy surveyors Odell and Lewis. Their work was rejected by the GLO because of errors. The township was subdivided in 1874 by U. S. Deputy Surveyor Nicholas Walden. Mr. Walden held the existing corners on the previously accepted township and range lines. Due to Mr. Walden's report the plats for both Townships 5 and 6 North, Range 33 East were changed to show actual conditions. On these plats Mr. Walden's distance is given for the east line of Section 1, T5N, R33 and the east line of Section 13, T6N, R33 which closes on the State Line. Mr. Walden's distances are merely a report of the error in the Odell and Lewis record for these lines. There is a significant difference between the Walden distances and the record by Odell and Lewis. Because of this difference some current USGS maps and recent surveys have assumed that Mr. Walden set new monuments on the east line of Township 6 North Range 33 East. A careful reading of Mr. Walden's notes shows that he set the 1/4 corner monuments at midpoint on line with the existing range line corners and not the cardinal random lines he ran. This is verified on the plat of 6N 33 because no falling distance is given for the corners on the east range line while they are given for the corners closing on the State line where Mr. Walden identifies the closing monuments he set.

A monument for the southeast corner of the township was set in 1906 by then County Surveyor John Kimbrell. Mr. Kimbrell set this monument by 3 way proportion from corners to the West, North, and East. I found Mr. Kimbrell's monument and set a brass cap there under survey RB. It does not appear that Mr. Kimbrell's monument has ever been accepted as the correct location. The 4 way fence intersection to the north of the Kimbrell monument shows evidence of being the long term possessory location. After having retraced Mr. Walden's work in this survey I have concluded that his record is accurate enough to be relied on. Based on Mr. Walden's record, the possessory fence is in the correct location. Because of this I have set a brass cap for the township corner at that fence intersection and have marked the brass cap at the Kimbrell monument as a witness corner.

This survey was performed with a LIECA System 300 RTK GPS. All corners were tied with at least one redundant measurement.

CORNER NOTES

- C1 This possessory fence corner with fences running North, East and Northwest was tied to confirm the southwest corner of Section 24.
- C2 I found Walden's stone. It was plainly marked and firmly in place.
- C3 This corner was originally post and pits. I held the three way fence corner. The remains of fences run North, East, and South.
- C4 I held the brass cap I set at the position of Walden's stone in RB.
- C5 I held the brass cap I set in RB. I set this cap in place of the stone Perry had set at the original corner post.
- C6 I found Walden's stone. It was visibly marked and firmly in place.
- C7 I held the brass cap I set in survey RB at the position of the decayed stake in the middle of the farm road.
- C8 I found a single wooden post in a mound of painted stones. The mound is the remains of a fence corner with fences running south and southeast.
- C9 I computed this point by single proportion.
- C10 I computed this point by double proportion.
- C11 I held the brass cap I set at Perry's record position in survey RB.
- C12 I held the fence corner with fences running North, South and West.
- C13 I held the fence corner with fences running North and East.
- C14 I found a basalt stone with an "x". The stone was set on top of a deposit of charcoal. The stone was just south of a fence corner with fences North, East and West.
- C15 I found the brass cap I set at the position of Kimbrell's stone in survey RB. This point is approximately 100 feet south of a fence corner with fences east and west and the remains of fences north and south. I held the fence corner. See the narrative.

DEED RECORDS

D1	BOOK 275	PAGE 556
D2	BOOK 290	PAGE 597
D3	REEL 165	PAGE 1081
D4	REEL 208	PAGE 249
D5	REEL 229	PAGE 803
D6	REEL 229	PAGE 809
D7	REEL 229	PAGE 815
D8	REEL 255	PAGE 1710
D9	REEL 334	PAGE 247
D10	REEL 359	PAGE 003
D11	REEL 392	PAGE 379
D12	REEL 392	PAGE 510
D13	REEL 424	PAGE 200

**BASIS OF BEARINGS**  
Bearings are based on GPS observations rotated 1°20'56" clockwise to true bearings.

SURVEY LEGEND

- FOUND THE MONUMENT AS NOTED ON RECORD SURVEY. SEE THE CORNER NOTES.
- SET A BRASS CAP FROM FOUND EVIDENCE. SEE THE CORNER NOTES.
- ⊗ EVIDENCE OF CORNER POSITION. NO MONUMENT SET.
- ⊗ COMPUTED POINT SEARCHED. NO MONUMENT SET.
- SET A 1" x 24" IRON REBAR WITH A 2" ALUMINUM CAP STAMPED WTS AND 56295LS SEE THE CORNER NOTES.
- X- FENCE LINES

- R1 GLO CONTRACT No. 110 DATED FEBRUARY 7, 1865 BY ODELL & LEWIS
- R2 GLO CONTRACT No. 209 DATED JULY 6, 1874 BY NICHOLAS O. WALDEN
- R3 RECORD OF PRIVATE SURVEYS BOOK 1, PAGE 528 BY JOHN KIMBRELL
- R4 RECORD OF PRIVATE SURVEYS BOOK 2, PAGE 8 BY JOHN KIMBRELL
- R5 RECORD OF PRIVATE SURVEYS BOOK 2, PAGE 250 BY JOHN KIMBRELL
- R6 CS# 96-07-B, MUNNS
- R7 CS# 97-216-C, FLOWERS
- R8 CS# 03-021-C, S. HADDOCK

REGISTERED PROFESSIONAL LAND SURVEYOR  
*Stephen K. Haddock*  
OREGON JULY 9, 2001  
STEPHEN K. HADDOCK  
RENEWS 6-30-03

RECEIVED BY  
Umatilla County Surveyor  
Date: 11-03  
Rec'd By: KR  
No.: 03-315-C

<b>BOUNDARY SURVEY FOR</b> <b>EURUS ENERGY AMERICA CORPORATION</b>	PROJECT No. 02-04.3	DATE: MARCH 2003
	MONUMENTS SET: MARCH 31 & APRIL 1, 2003.	
LOCATION: SECTIONS 25, 26, 35 & 36 T6N, R33E, W.M. UMATILLA COUNTY, OREGON.	<b>WITNESS TREE SURVEYING</b> Stephen K. Haddock, PLS P. O. BOX 6 Pilot Rock, Oregon 97868 (541) 443-2922	