

EVALUATION ANALYSIS

DATE: 7/28/2026
FROM: Christopher Holmes, Water Resources Supervisor
TO: BRBA Claims 11-2045 and 11-2155 File
RE: Accomplished Place of Use Transfer and Quantity

Place of Use:

The claimed irrigation place of use (POU) for both claims are 4 pivot locations encompassing 412.5 acres. The water right backfile legal descriptions for 11-2045 incorrectly describes the actual irrigation POU; NESW is correct but L1 (now in NENE), L2 (now in NENE) and L3 (now in NENE) are not accurate according to the water right backfile. The backfile map found on page 1 actually describes current legal descriptions NWSW, SWNW, and NWNW. This is confirmed through historic aerial and lidar imagery that confirms the mapped ditch system.

Both water rights do not contain conditions describing overlapping point of diversions or places of use. The Deposition of Holder found on pages 33 and 34 of water right 11-2155 state that there are no other water rights appurtenant to the same place of use. Deposition of Witnesses on the following pages in the backfile state the irrigation occurred over previously dry farmland. The engineer's report map found on page 1 and 3 of the backfile describes the actual irrigated acres occurring throughout section 5 and 6. The POU described in section 6, NENE, NENE, and NENE are also described in the backfile of water right 11-2045 which were delivered through a ditch system. It is not clear in the backfile if 11-2045 was abandoned/forfeited or incorporated into the redevelopment of the system to create the storage systems. It is concluded that the 316 irrigated acres described in license 11-2155 contains the same irrigated acres as license 11-2045. Using GIS resources, the land irrigated from the map on page 1 of 11-2155 backfile was recreated and calculated, balancing pen marks outlining the irrigation boundaries with the described number of acres in each legal description where pen marks are not visible. The actual acres of irrigation equals 352 acres. Because both water rights do not describe overlapping acres

in the backfile or by condition, the recreated map describes acres greater than the licensed 316, and the adjudication's Claim Investigation Manual describes evaluating inconclusive scenarios in a way that is more beneficial to the irrigator, the conclusion is that the actual irrigated acres between both water rights equals 352 historically.

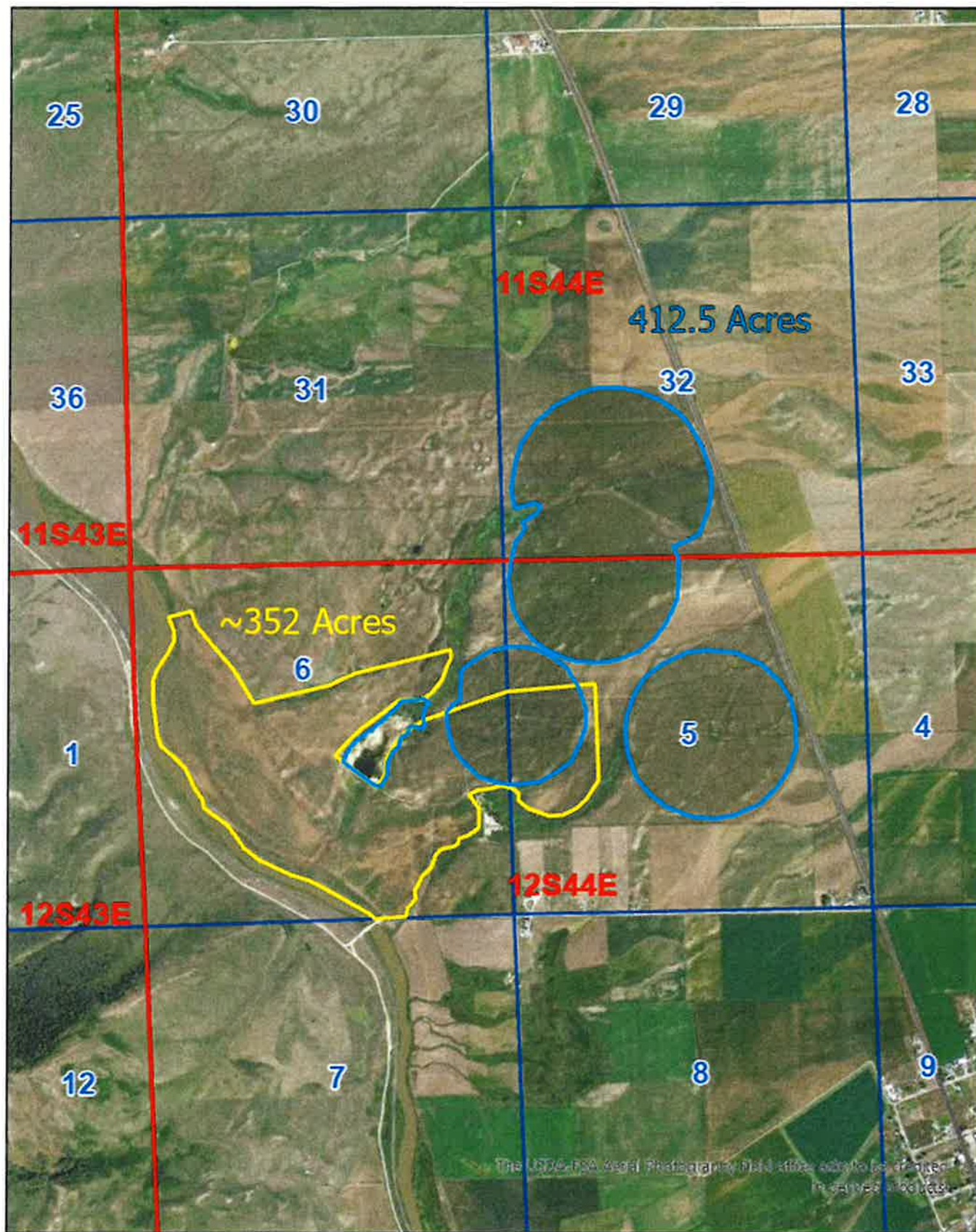
The Bear River Basin Adjudication (BRBA) recommendations for these water rights are limited to the total number of acres that were irrigated by both systems prior to the claimed accomplished transfer occurring. This matches the historic use described in the water right backfiles for a total of 352 acres irrigated. The pivot system is first visible in 1999 aerial imagery. There are no overlapping claims or canal company water over the claimed POU. The difference between the claimed irrigated acres and historical irrigated acres equals 60.5 acres. Because these added acres are not accounted for by other water rights and the increase occurred after the mandatory permit statute, the 60.5 acres must either be covered by a new application for permit or a BRBA enlargement claim. Claimant contact will occur.

Quantity:

Claim 11-2155 describes the same volume as licensed. Water right 11-2045 was licensed at a diversion rate of 1.3 cfs but claimed a volume of 162.5 AF. The volume for this claim is described on the remarks of the claim, multiplying the 65 acres of irrigation by the irrigation consumptive use. Converting irrigation from cfs to a storage AF by this calculation matches current department transfer analysis. The two claims together equal 362.5 AF of use.

IDWR's 2013 dam safety record describes 113 AF total reservoir storage capacity over the 14 acre surface area for the larger reservoir. The smaller reservoir is described with a storage capacity of ~15 AF over the 3 acre surface area described in a 1975 inspection report. Based on these reports, the total capacity of the reservoirs is 128 AF. 11-2155 backfile describes storage use but does not describe the total storage volume for the reservoirs or include multiple refill consideration. The recommendations in the BRBA will include appropriate total facility volume and refill capabilities, 362.5 AF of irrigation use occurring from a total reservoir capacity of 128 AF allowing storage refills throughout the irrigation storage season.

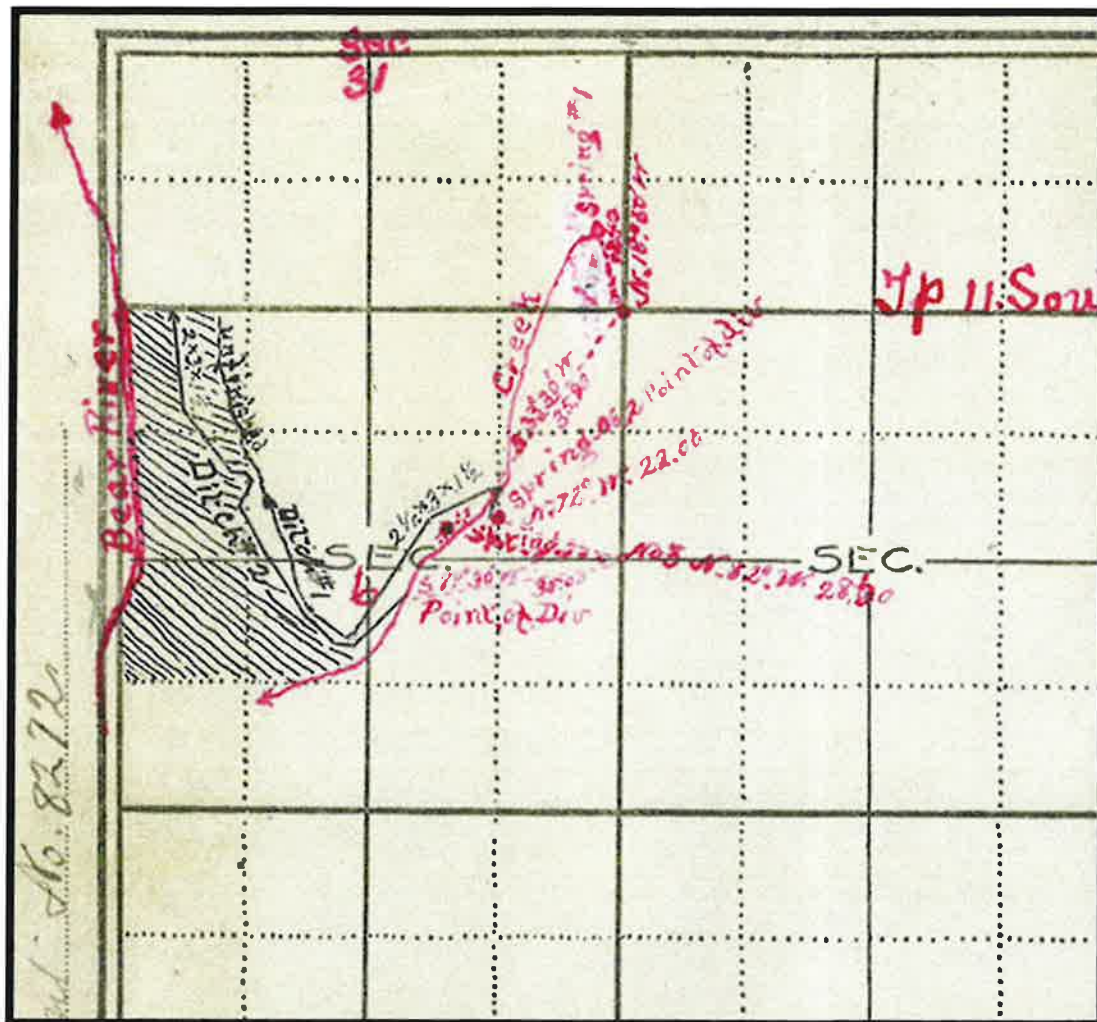
BRBA Claim 11-2045 and 11-2155



Claim POU: ———

Original POU: ———

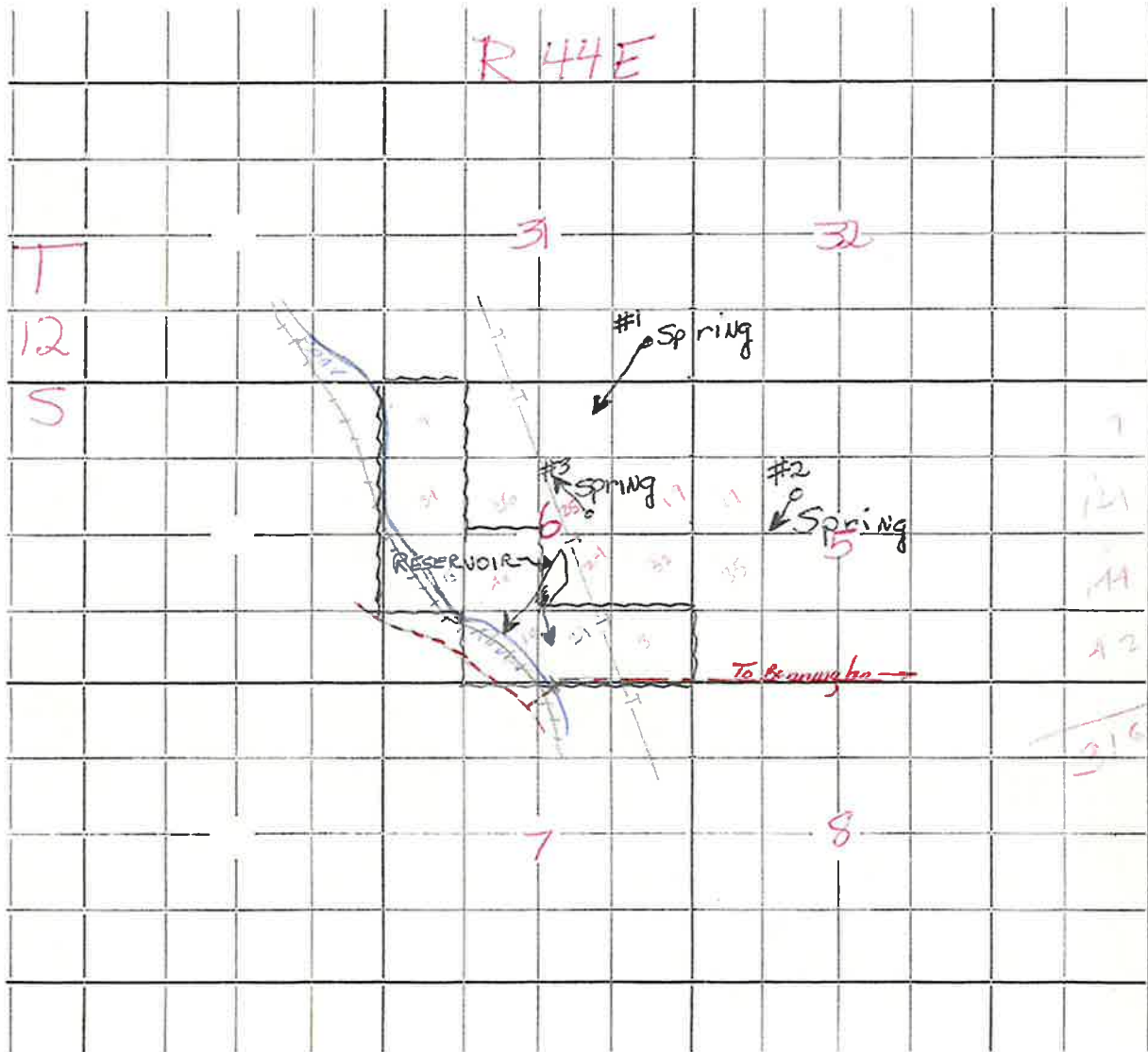




Irrigated Place of Use Map

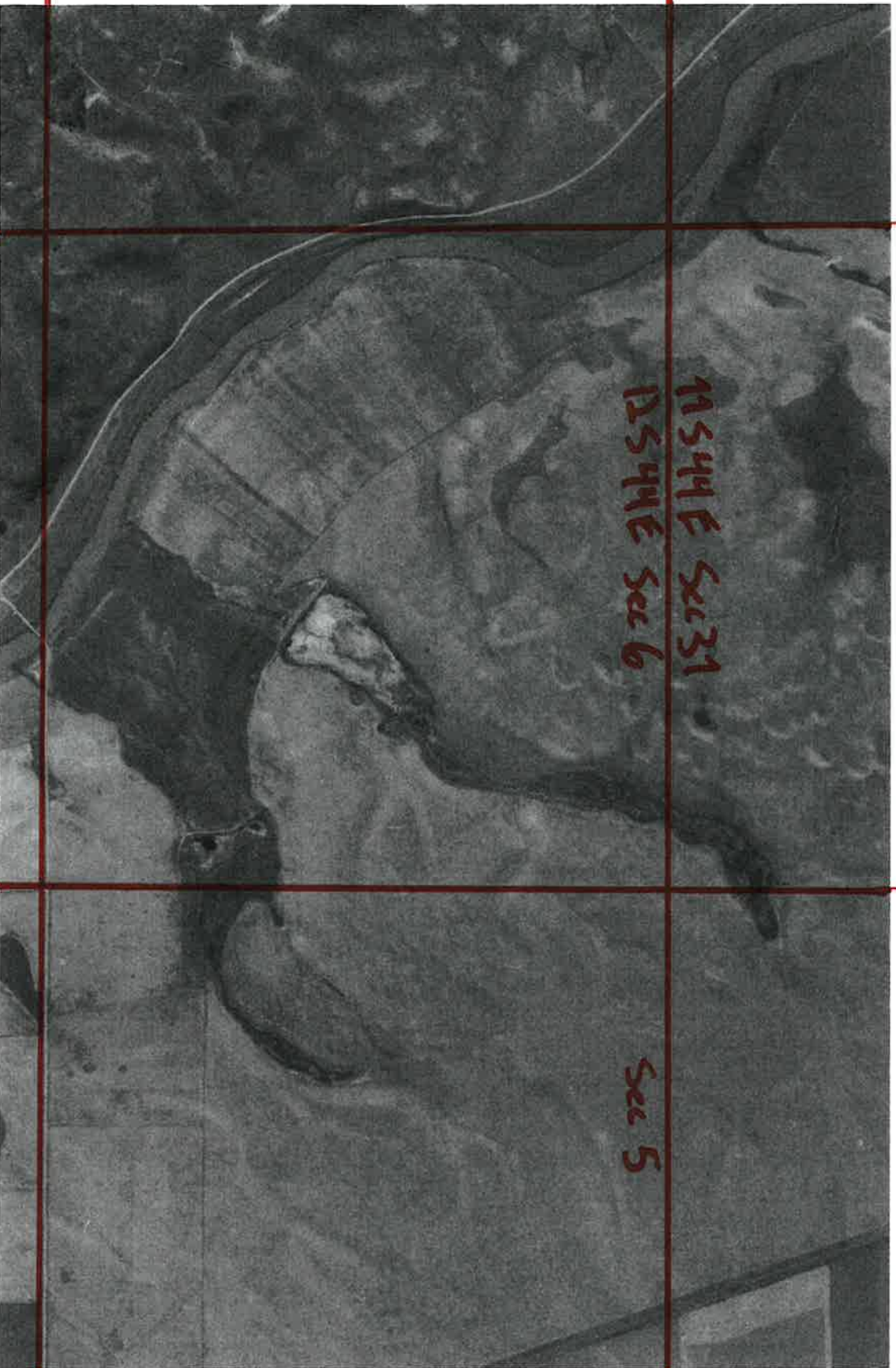


Irrigated Place of Use Map



Irrigated Place of Use Map

BRBA Claim 11-2045 and 11-2155 Accomplished Transfer Analysis
9/09/1976 Aerial Image



BRBA Claim 11-2045 and 11-2155 Accomplished Transfer Analysis
9/05/1987 Aerial Image



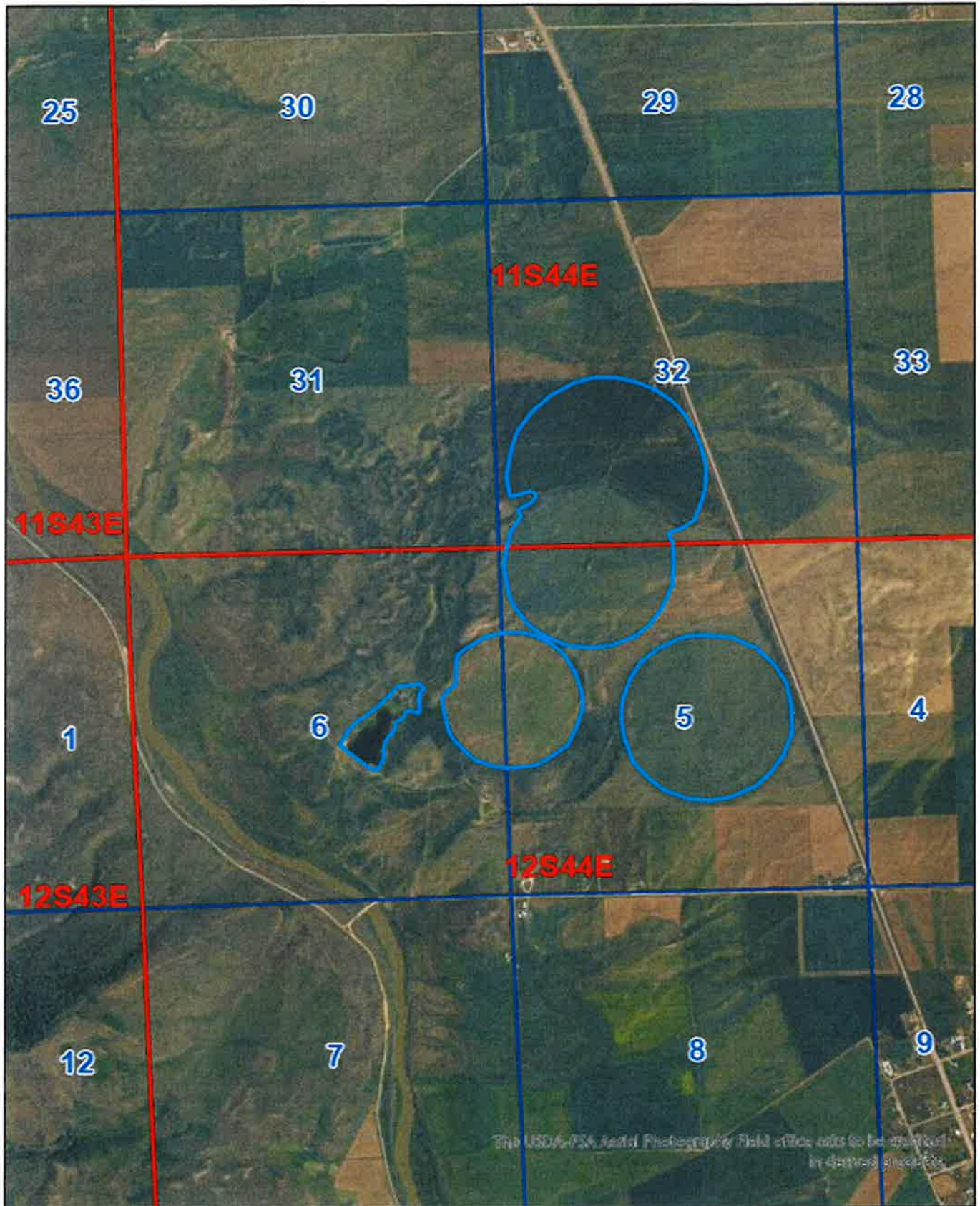
BRBA Claim 11-2045 and 11-2155 Accomplished Transfer Analysis
8/27/1992 Aerial Image



BRBA Claim 11-2045 and 11-2155 Accomplished Transfer Analysis
7/25/1999 Aerial Image



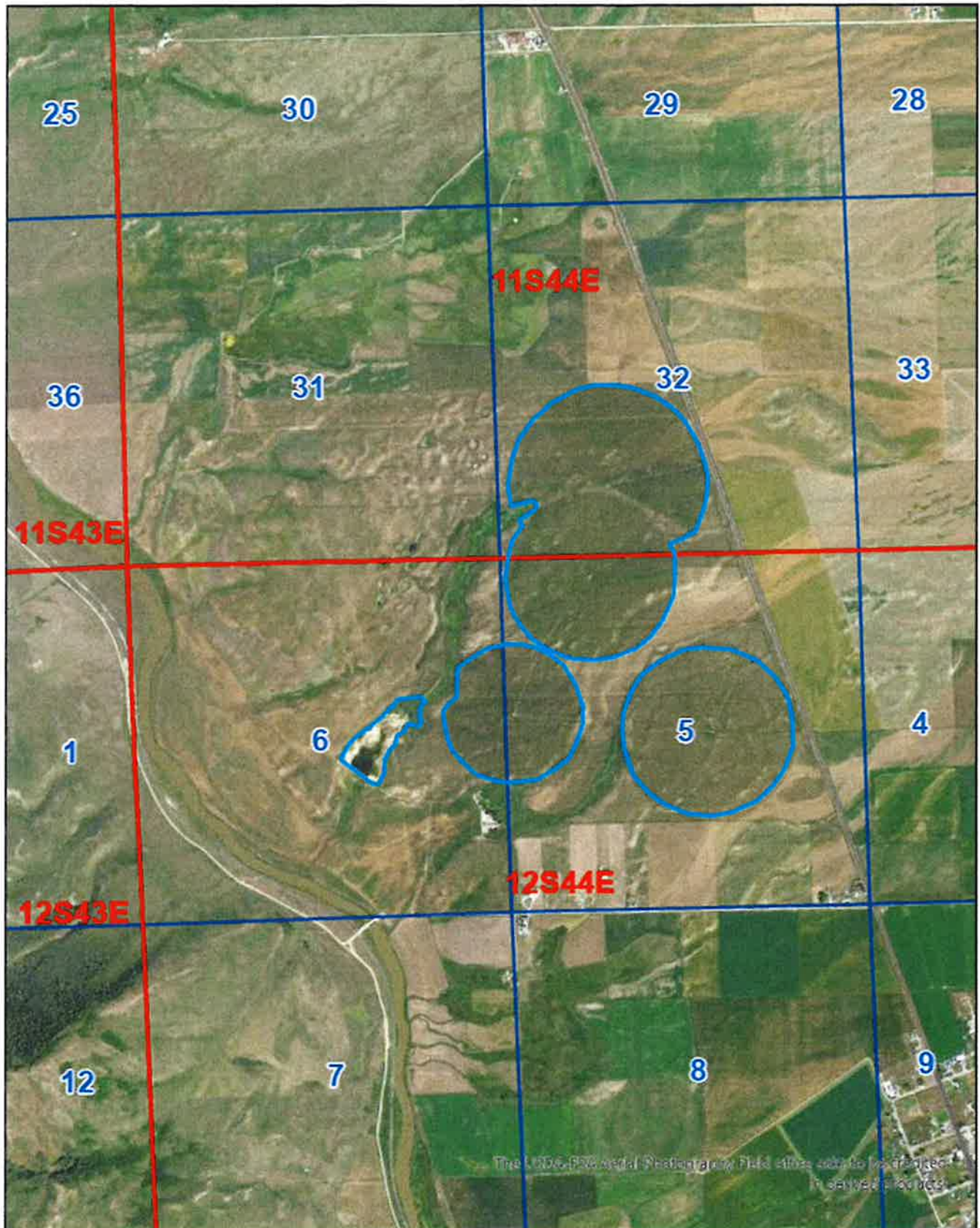
BRBA Claim 11-2045 and 11-2155
2004 Aerial Imagery



Claim POU: —————



BRBA Claim 11-2045 and 11-2155
2011 Aerial Imagery



Claim POU: —————

