

MEMORANDUM

TO: 74 DqN - 6-13-14
File 74-15617

FROM: Daniel Nelson – Staff Hydrologist

DATE: June 11, 2014

SUBJECT: Overlap Analysis

I sent my initial review of this water right out to the BLM offices to ensure that the information was correct. Fred Price reviewed the information and found that there was some disconnect between the existing water rights and this permit. I have included Mr. Price's notes with this memo.

The spring complex where water right permit 74-15617 diverts water is a large complex that allows the spring to breach the land surface in several areas. Several water rights were filed and decreed in the Snake River Basin Adjudication (SRBA) for these different areas. It was difficult to determine exactly which water right was assigned to the specific locations. Through Mr. Price's review of the Adjudication files, it was discovered that water right 74-11948 is the water right that actually overlaps the spring area where the headbox for 74-15617 is located.

Our office will work with Mr. Price to ensure that we have the points of diversion correctly identified in our records.

74-15617

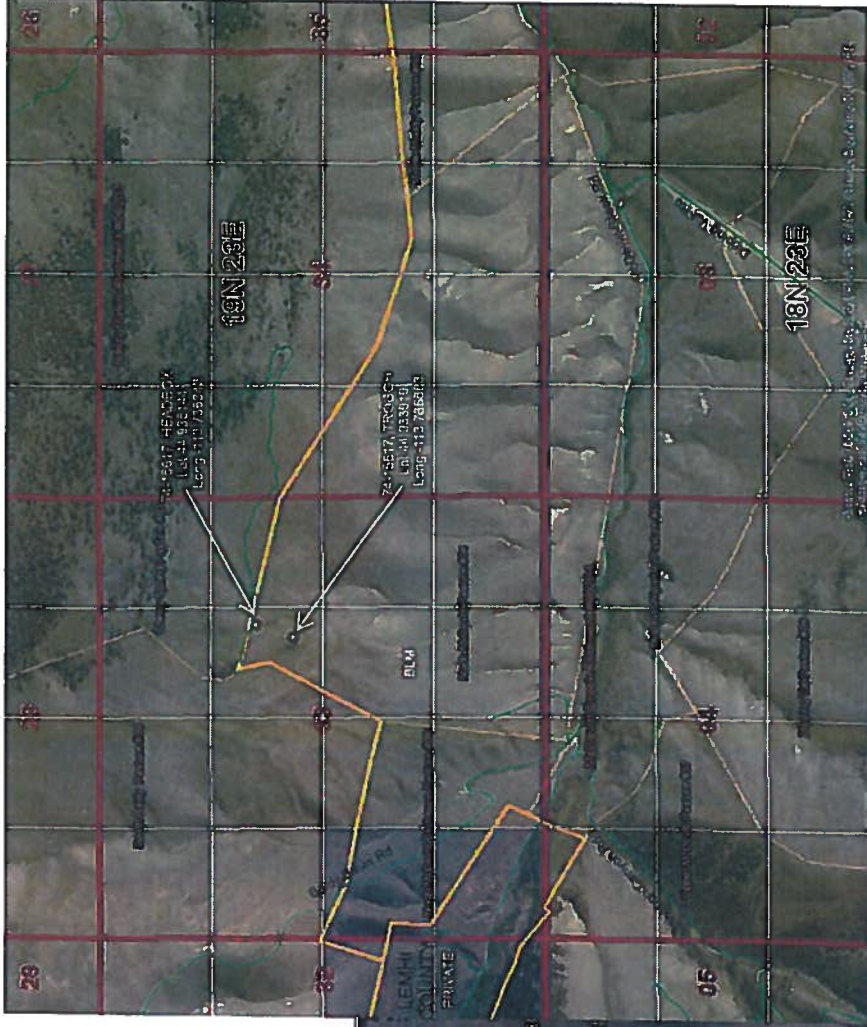
Pond Spring, Project #364482

(aka McDevitt Pond Spring)

-T19N, R23E, S33, SWNE

McDevitt Creek Allot #06204

-North McDevitt Pasture #04



Google earth

74-15617

Pond Spring, Project #364482
(aka McDevitt Pond Spring)
-T19N, R23E, S33, SWNE

McDevitt Creek Allot #06204
-North McDevitt Pasture #04

POD -Spring Headbox (same spring as 74-11948)
T19N, R23E, S33, NESWNE
Decimal Degrees: 44.935144, -113.736343
Deg-Min-Sec: 44° 56' 6.5184"N, 113° 44' 10.8348"W

POU -Trough
T19N, R23E, S33, SWNE
Decimal Degrees: 44.933919, -113.736883
Deg-Min-Sec: 44° 56' 2.1084"N, 113° 44' 12.7788"W

Google Earth: 12/31/2010

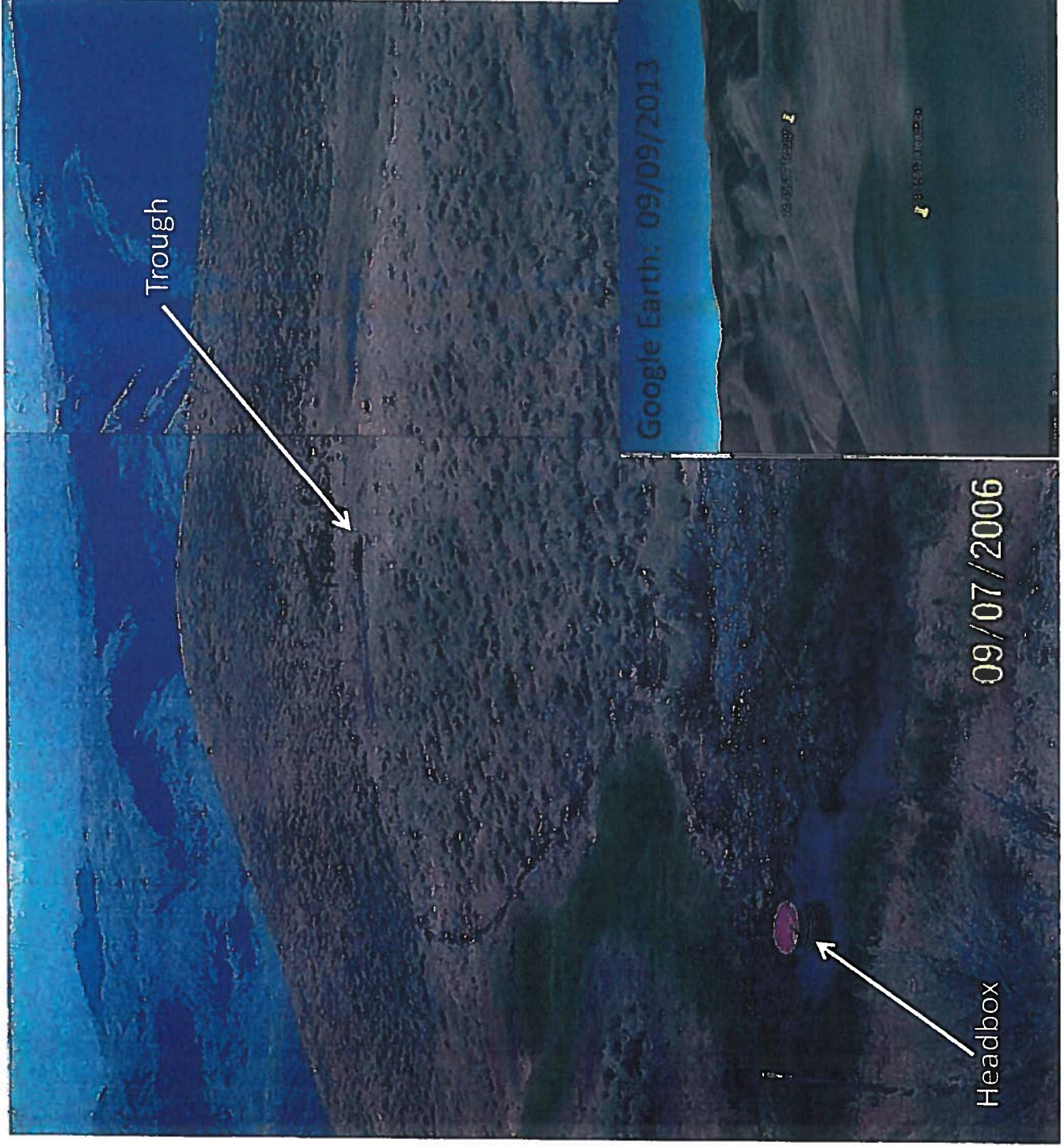


Google Earth



74-15617
Pond Spring, Project #364482
(aka McDevitt Pond Spring)
-T19N, R23E, S33, SWNE

McDevitt Creek Allot #06204
-North McDevitt Pasture #04



In order to determine which PWR-107 claims overlap with which source, I took the photos from our original claim files and matched up the horizons and contours with Google Earth:

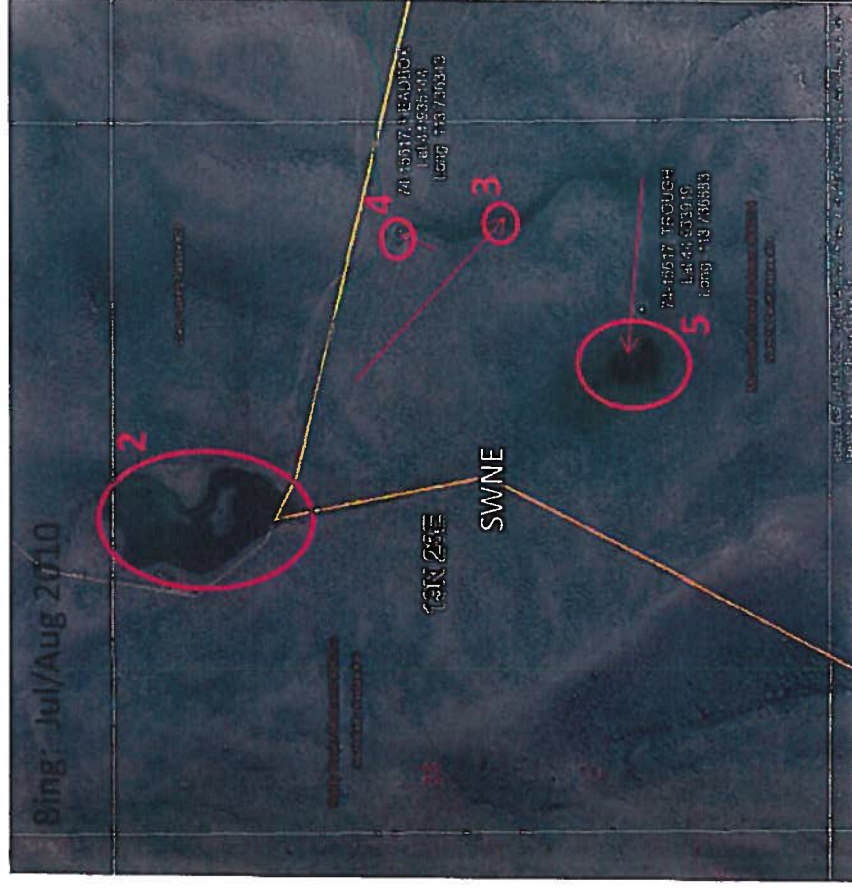
Dot #2 is 74-11944

Dot #3 is 74-11946

Dot #4 is 74-11948 (overlaps with 74-15617 POD)

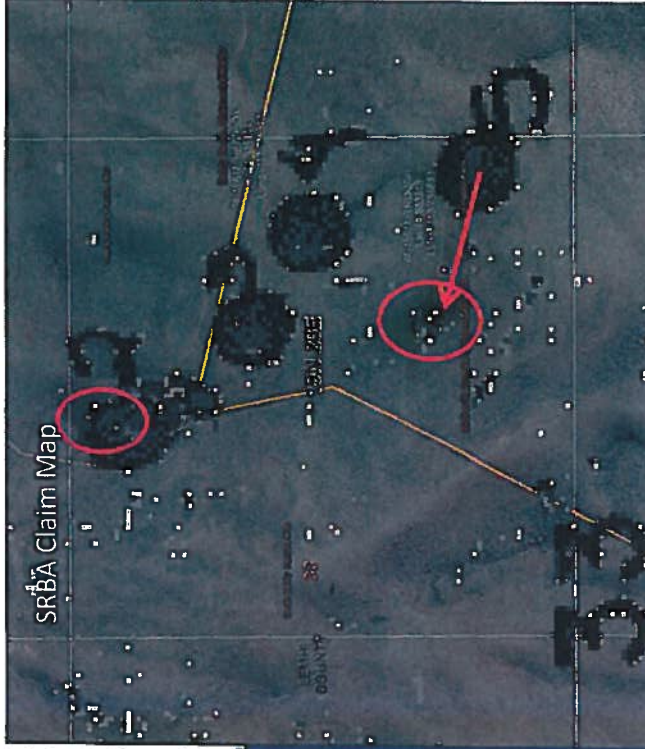
Dot #5 is 74-11950

Actual source locations:



SRBA Claim Map Dots:





Dot #2

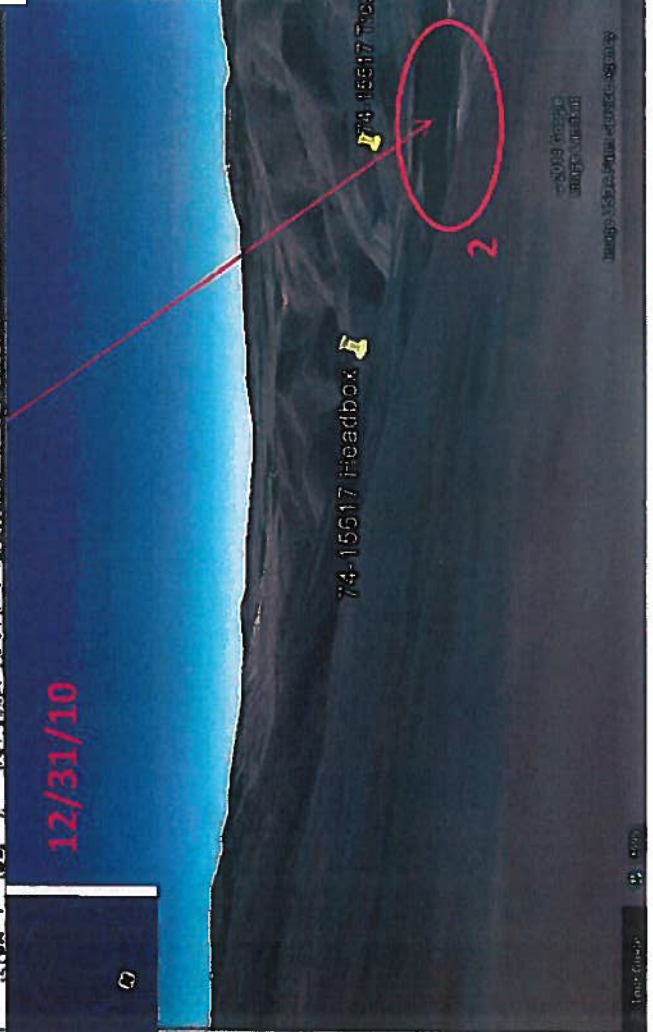
IDWR No: A74-11944

Field Investigation Info:

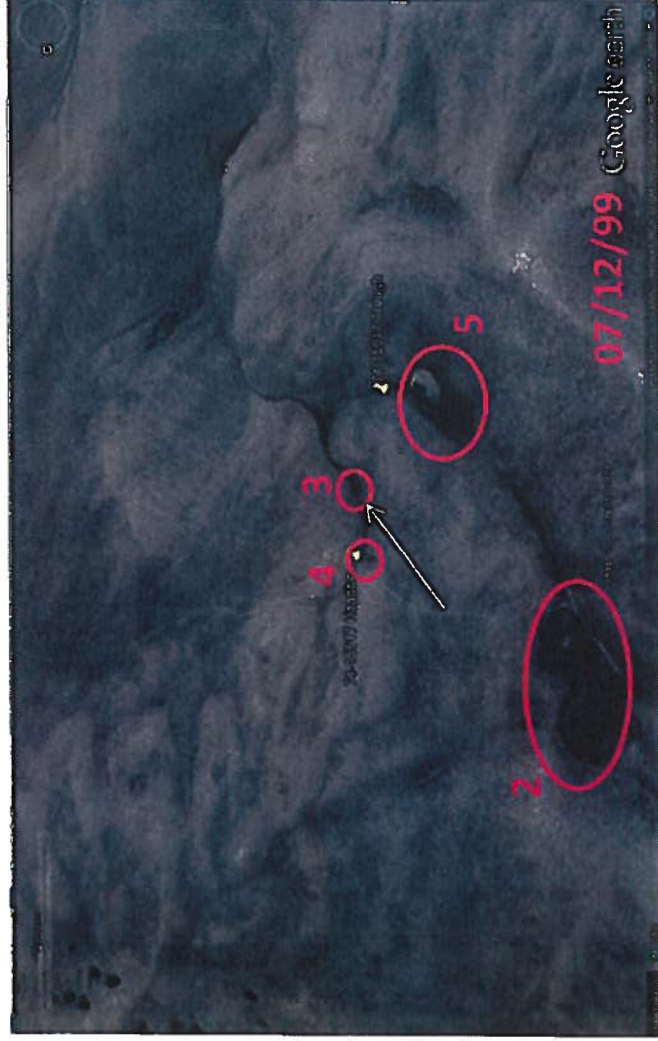
Investigator(s) C. Nemeth

Date/Time 7/24/97

Site Description Site is a spring/pound
sitting in a natural basin.



Google earth



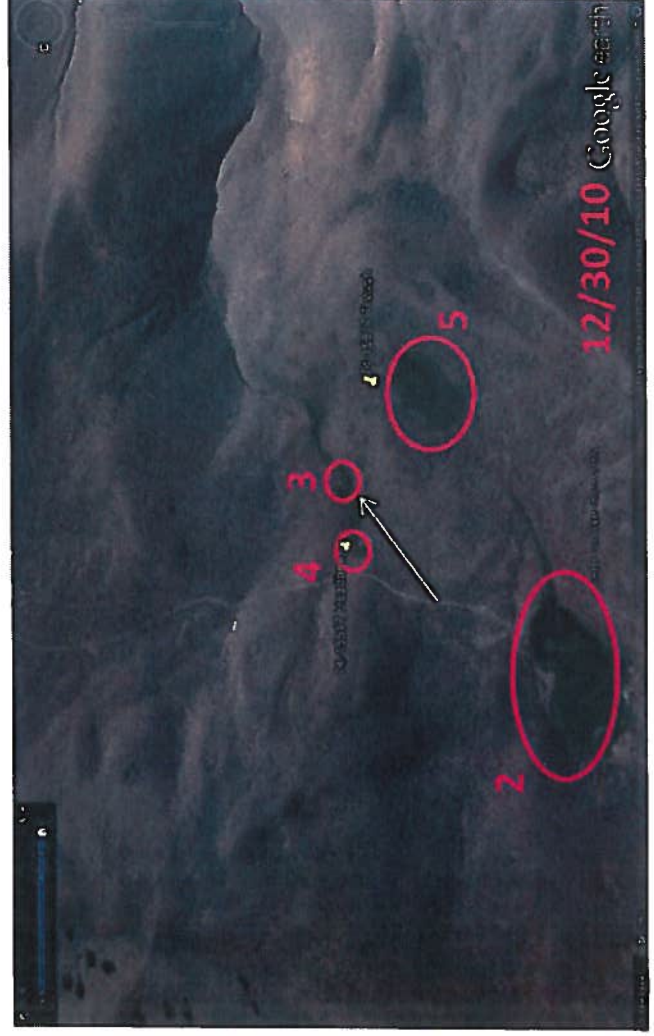
IDWR No: A74-11946 Dot #3

Field Investigation Info:

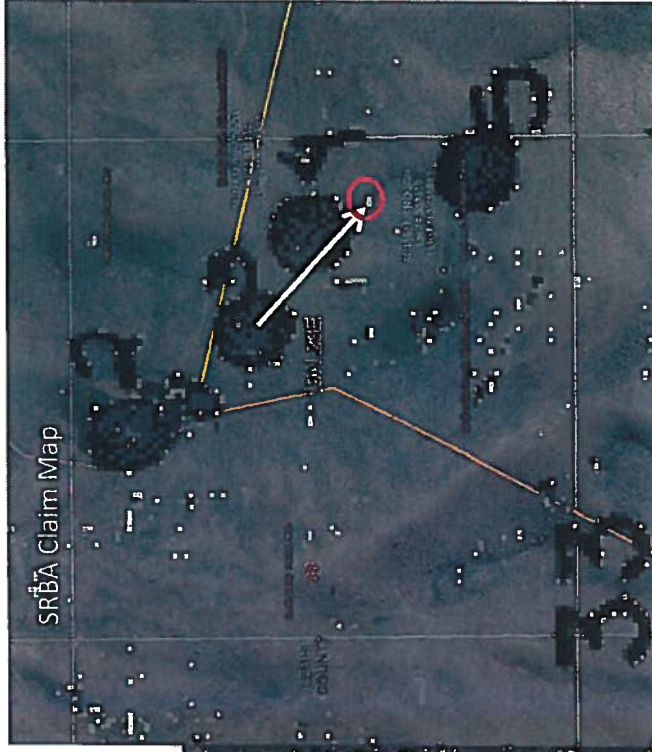
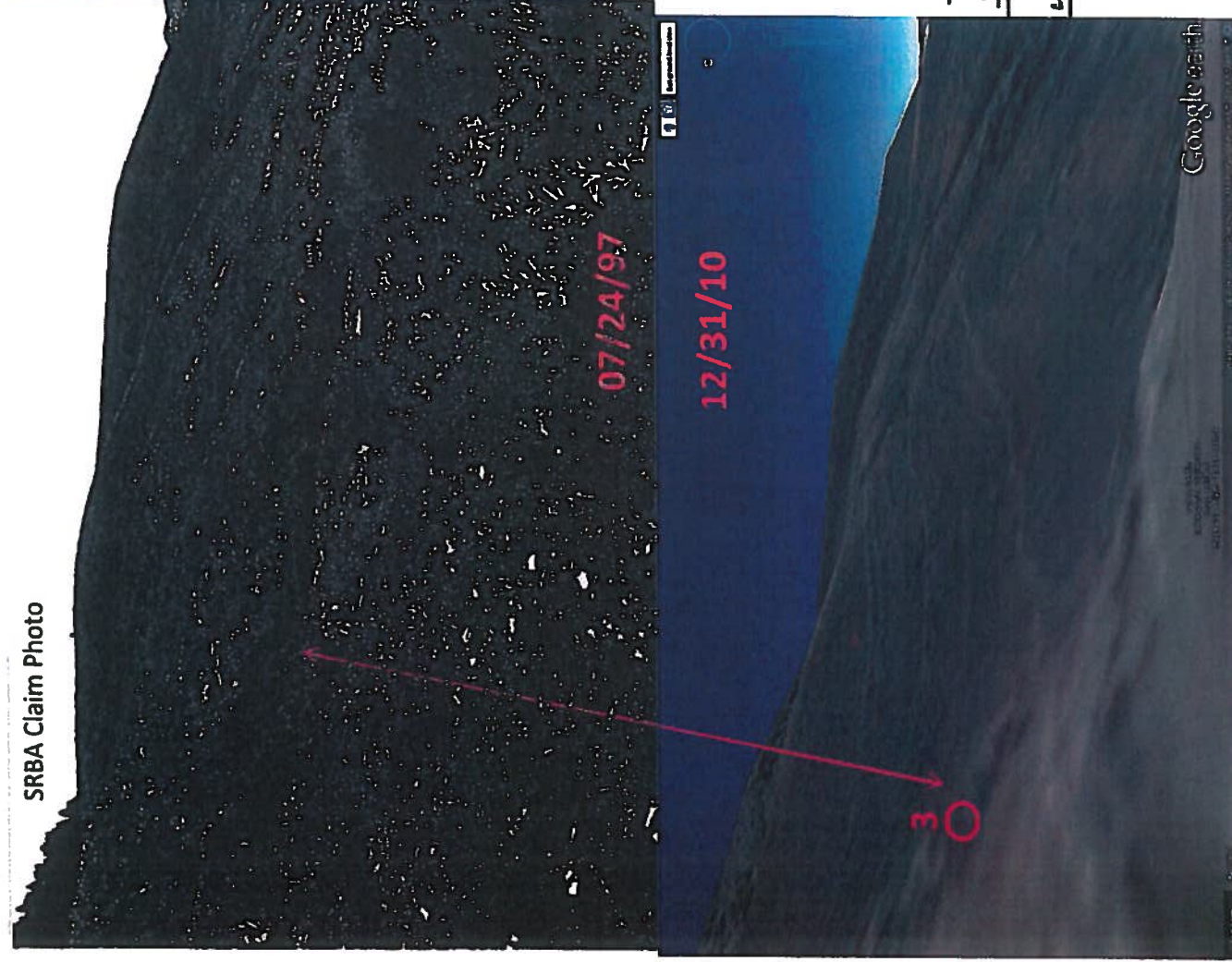
Investigator(s) C. Nemeth

Date/Time 7/24/97

Site Description Site is a spring
just below a tree road & fence.
Spring appears to have been dug out
with machinery, but no headbox



SRBA Claim Photo



IDWR No: A74-11946

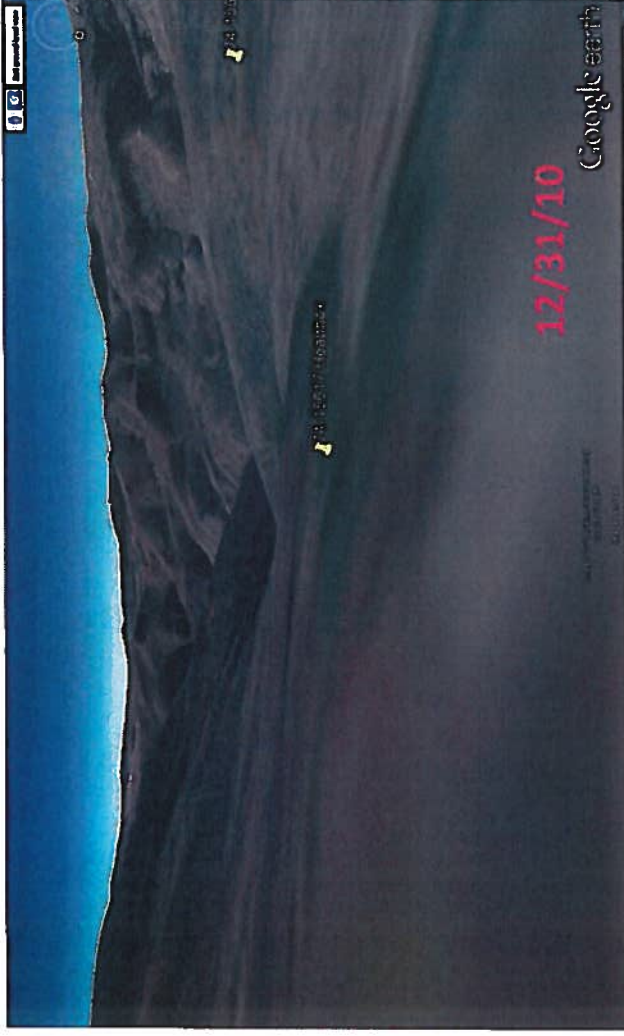
Dot #3

Field Investigation Info:

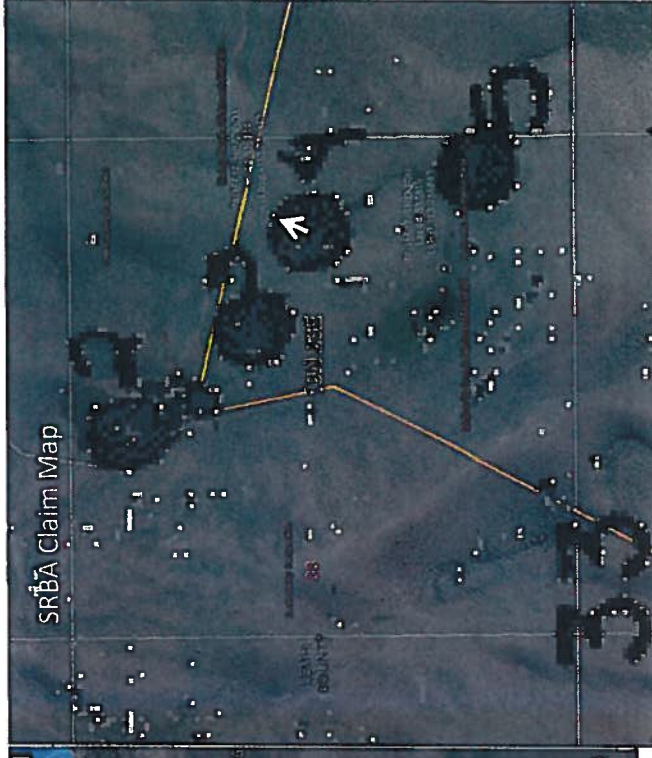
Investigator(s) C. Vemeth

Date/Time 7/24/97

Site Description Site is a spring
just below a trace road & fence.
Spring appears to have been dug out
with machinery but no headbolic



SRBA Claim Photo



IDWR No: A74-11948

Dot #4

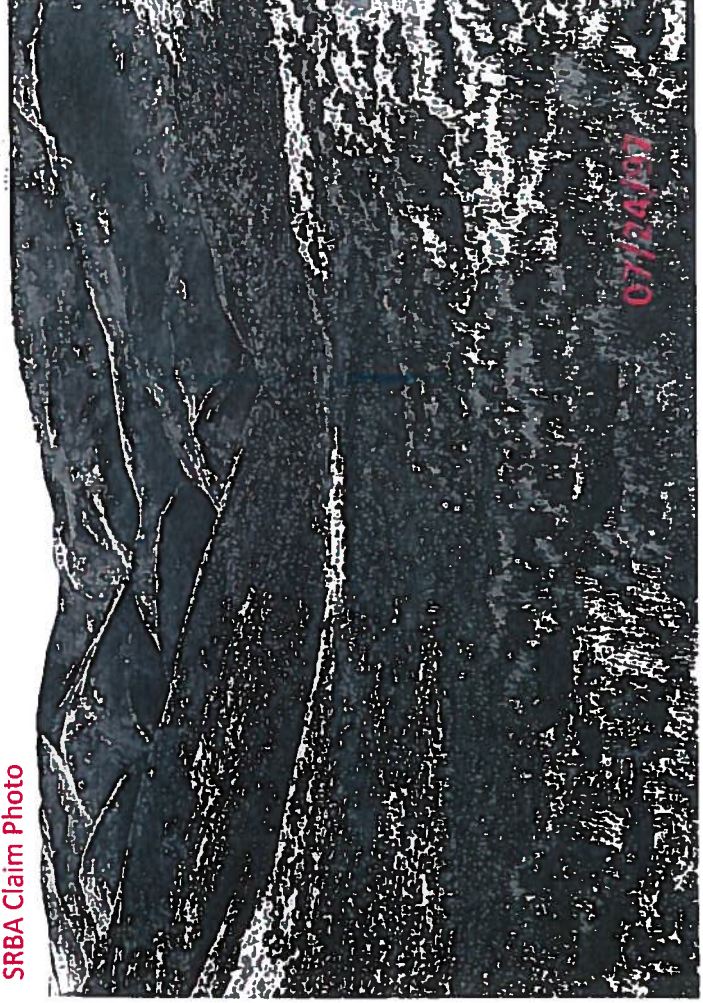
Field Investigation Info:

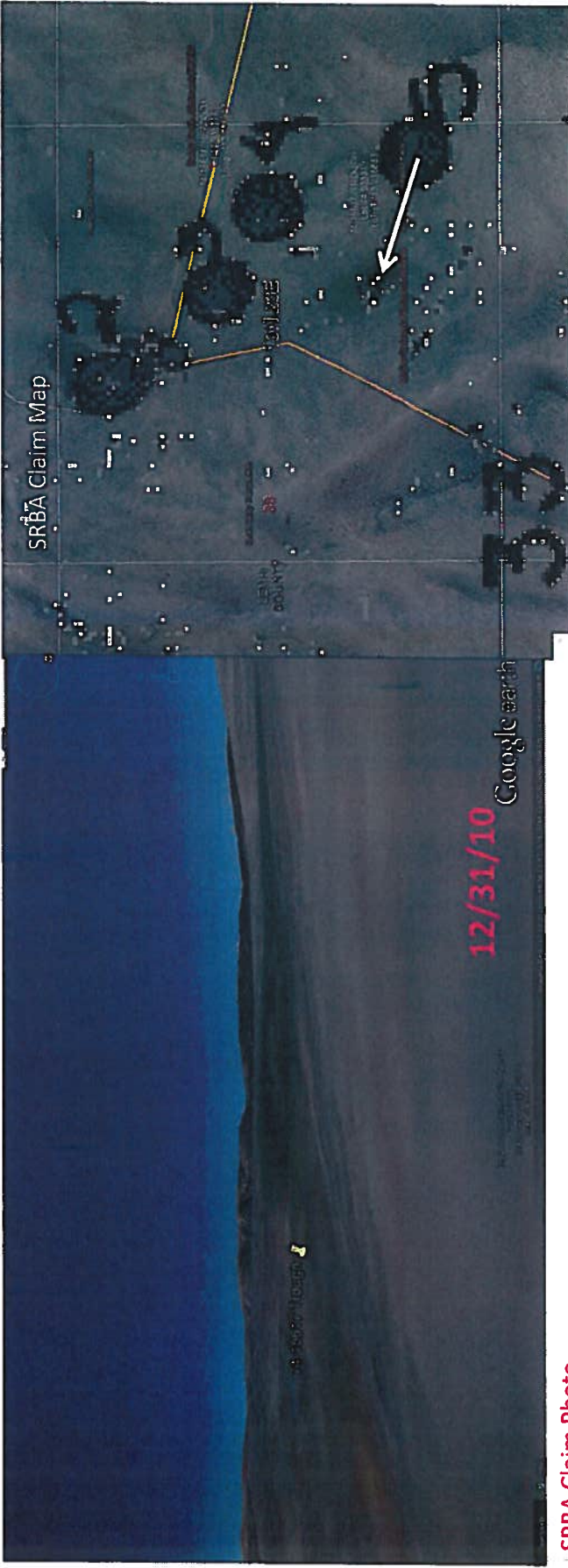
Investigator(s) C. Nemeth

Date/Time 7/24/97

Site Description Spring site is about 50 yards below site 0470, and

The headbox for 74-15617 is located at same spring that is covered by 74-11948.





SRBA Claim Photo

IDWR No: A74-11950

Dot #5

Field Investigation Info:

Investigator(s) C. Nemeik

Date/Time 7-24-97

Site Description Site consists of a

small pond in a natural basin.

The trough for 74-15617 is located at the pond which is covered by 74-11950.

