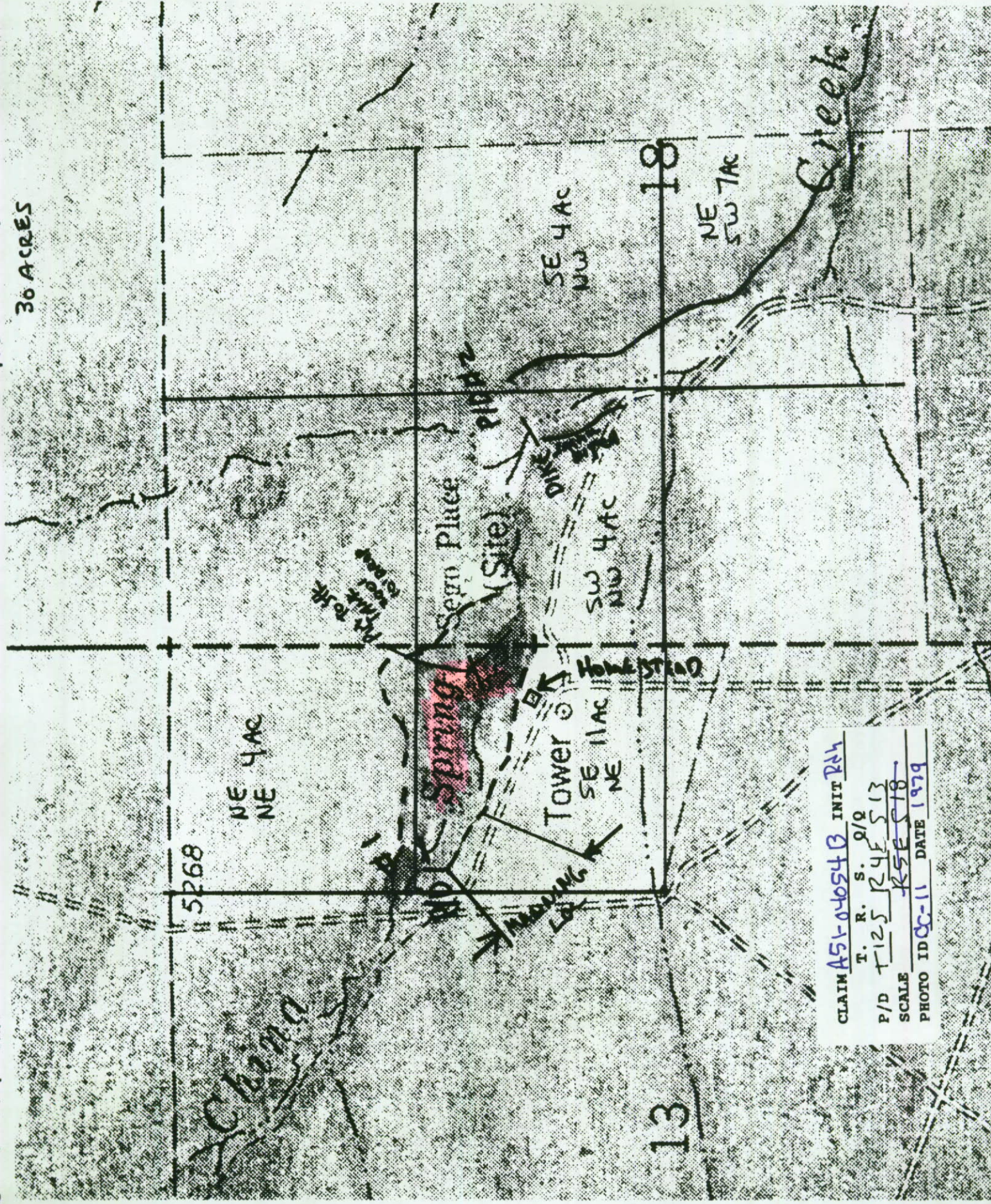
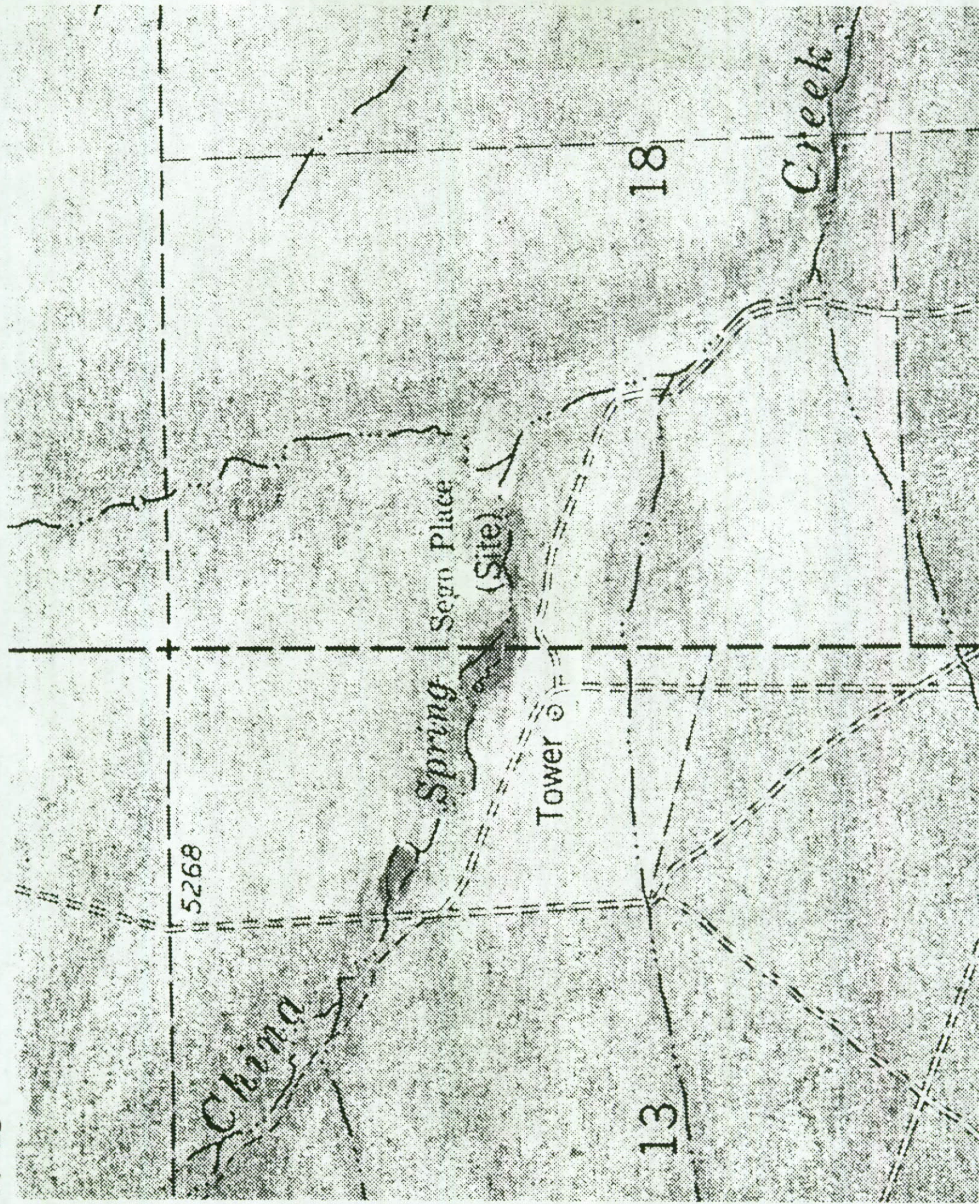




CLAIM	A51-04054	INIT	PH
T. R. S. Q/Q			
P/D	125	R4E	S13
SCALE	RSE 518		
PHOTO ID	CC-11	DATE	1979

81021 mile

CC-115E 1979 02146



PICTURE # 1

A51-04054B

Point of diversion of spring. The 18" culvert diverts water to a stock tank in a 1-1/2 pipe approximately 200 to 250 feet with about a 10 foot drop in elevation in to a natural basin. Located in the NESENE, S13, T12S, R4E.

Photos By
RDH
10/5/93



PICTURE # 2

POU of the stock tank looking back up the pipeline. Buried underground until it reaches this spot, Located in the above description.



SEE ORIGINAL

CLAIM FILE

DOCUMENTS IN

CLAIM

NO. A 51 - 04054

DATE: 06/29/98
PAGE: 1

Field Inspection Flag:
Presumption Flag:

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
CLAIM VERIFICATION EXAM SHEET

(use in place of the CVR for small Domestic/Stock exams)

1. ☒ No Change NAME
NEW OWNER: _____
☐ No Change ADDRESS
NEW ADDRESS: _____
2. ☒ No Change - DATE OF PRIORITY: Completed - No Field Verification Needed.
☐ Incomplete - Claim shows no priority date, claimant should be asked during the exam when was water first used.
Priority date, per claimant, is _____
(if the priority date, based on your exam, seems questionable, explain in remarks.)
3. ☐ No Change - SOURCE
☒ Source is different than that claimed:
Source found: SPRING
4. ☐ No Change - POINT OF DIVERSION
☒ Point of diversion is different than the claim
New P/D: Twp. 12S, Rge. 4E, Sec. 13, NE1/4 SE 1/4 NE 1/4
5. ☐ No Change - DESCRIPTION OF DIVERTING WORKS
☐ Incomplete desc., complete items missing, IF KNOWN.
☒ Additional comments in remarks.
HP of pump _____ Pump Ser. # _____ Pumping water level _____
Well depth _____ Motor Ser. # _____ Static water level _____
Casing size _____ Method of irr. _____
6. ☒ No Change - WATER USES
☐ Different uses, (list uses found).
Use _____ From _____ To _____ Amount _____ cfs _____ af
Use _____ From _____ To _____ Amount _____ cfs _____ af
7. ☒ No Change - TOTAL VOLUME
☐ Incomplete on claim, the total is, -- -- _____ cfs _____ af
☐ Change found, the new total is, -- -- -- _____ cfs _____ af
8. N/A
9. ☐ No Change - NON-IRRIGATION USES: Completed on claim
☐ Incomplete on claim - Exam found:
~~Domestic~~ No. of homes _____ Stockwater - No. of head 500
other: 500 RANGE CATTLE

10. ☐ No Change - PLACE OF USE: (If changed, list below.)

Use	Twp.	Rge.	Sec.	1/4	1/4
<u>Stock</u>	<u>12S</u>	<u>4E</u>	<u>13</u>	<u>SE</u>	<u>NE</u>

Remarks: (Comments pertinent to field examination)

- SPLIT CHAIN TO SHOW DIF SOURCE
- SYSTEM DES. - 18" CULVERT, 1-1/2 PIPE TO STOCK TANK.
- NO DOMESTIC USE FOUND.

ATTACHMENTS:

Attached to
This Form.

Attachments are
in Permit File.

PHOTOS (optional) ☒
MAP ☒
SYSTEM DIAGRAM ☒

☐ ORIGINAL MAP
IN 51-04054A

☐ Changes found during exam or additional information in the permit file, see permit file.

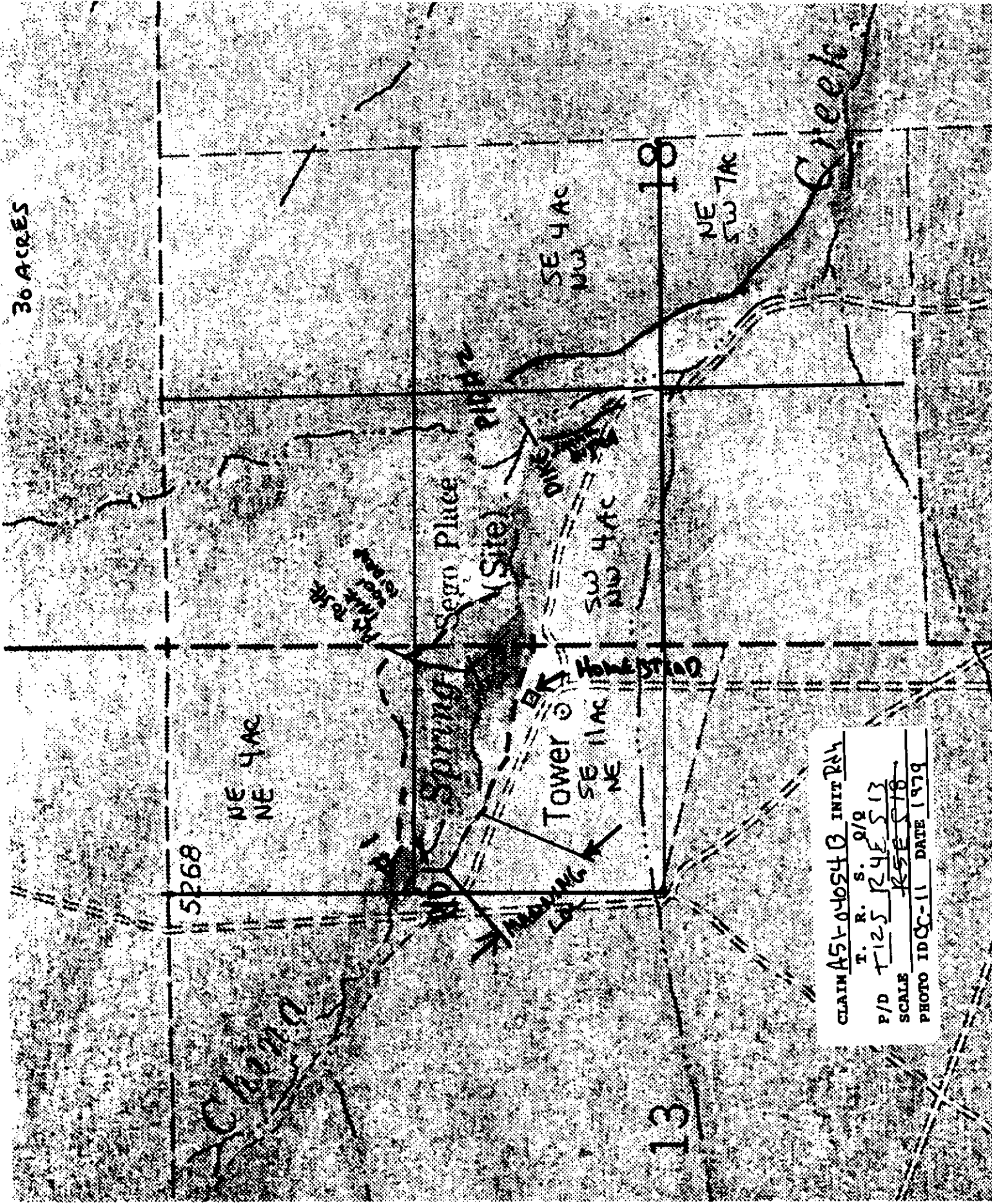
DATE EXAM CONDUCTED: 10/5/93

FIELD EXAMINER:

Ron Howerton

Signature

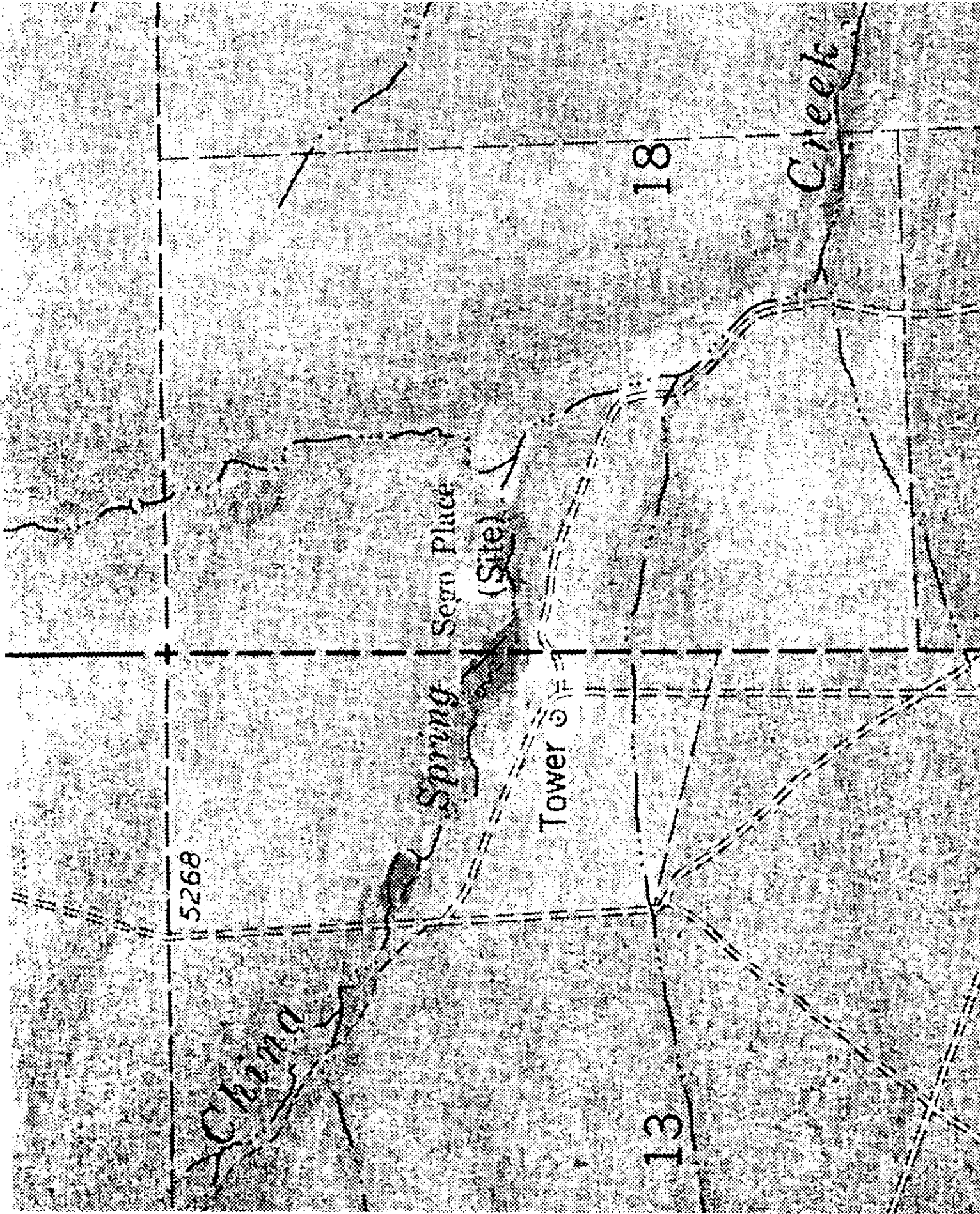
Ron Howerton



CLAIM A51-040543 INIT R44
T. R. S. 9/9
P/D T-125 R24E S13
SCALE K5E S10
PHOTO ID OC-11 DATE 1979

8 1/2 miles

CC-115E 1979 0014b



PIPEFLOW COMPUTATION SPREADSHEET (RDH 07/23/1993)

DATA ENTERED BY:RON HOWERTON 10/05/1993

CHINA CR SPRING

GIVEN: SEE DATA TABLE

COMPUTE HEAD LOSSES WITH WILLIAMS AND HAZEN FORMULA:

$$f = 0.2083 * (100 / \text{roughness})^{1.85} ((\text{cfs} * 448.8)^{1.852}) / \text{ID}^{4.8655} * \text{leng}$$

TO FIND: COMPUTE THE RATE OF FLOW

DATA TABLE

TOTAL HEAD: 10 FEET

PRESSURE REQ'D: 0 PSI

AVAILABLE HEAD: 10 FEET

PIPE ROUGHNESS: 140 NOTE: PVC = 150, SMOOTH STRAIGHT PIPE = 140
ALUMINUM - JOINT LENGTH 20' = 125, JOINT LE
30' = 130, JOINT LENGTH 40' = 132, JOINT LE
50' = 134, NEW RIVETED STEEL = 100
OLD RIVETED STEEL = 100, OLD CAST IRON = 95
OLD PIPES IN POOR CONDITION = 60 TO 80.

INSIDE DIAMETER IN INCHES	EQUIVALENT LENGTH IN FEET	UNIT HEAD LOSS	TOTAL HEAD LOSS FROM PIPE FRICTION	HEAD LOSS PER 100 F
1.4	200	10.01		5.00

10.01

RATE OF FLOW: 0.042 CFS

PIPEFLOW COMPUTATION SPREADSHEET (RDH 07/23/1993)

DATA ENTERED BY:RON HOWERTON 10/05/1993

CHINA CR SPRING

GIVEN: SEE DATA TABLE

COMPUTE HEAD LOSSES WITH WILLIAMS AND HAZEN FORMULA:

$$f = 0.2083 * (100 / \text{roughness})^{1.85} * (\text{cfs} * 448.8)^{1.852} / \text{ID}^{4.8655} * \text{leng}$$

TO FIND: COMPUTE THE RATE OF FLOW

DATA TABLE

TOTAL HEAD: 10 FEET

PRESSURE REQ'D: 0 PSI

AVAILABLE HEAD: 10 FEET

PIPE ROUGHNESS: 140 NOTE: PVC = 150, SMOOTH STRAIGHT PIPE = 140
ALUMINUM - JOINT LENGTH 20' = 125, JOINT LE
30' = 130, JOINT LENGTH 40' = 132, JOINT LE
50' = 134, NEW RIVETED STEEL = 100
OLD RIVETED STEEL = 100, OLD CAST IRON = 95
OLD PIPES IN POOR CONDITION = 60 TO 80.

INSIDE DIAMETER IN INCHES	EQUIVALENT LENGTH IN FEET	UNIT HEAD LOSS	TOTAL HEAD LOSS FROM PIPE FRICTION	HEAD LOSS PER 100 F
1.4	250	10.39		4.16

10.39

RATE OF FLOW: 0.038 CFS

PICTURE # 1

A51-04054B

Point of diversion of spring. The 18" culvert diverts water to a stock tank in a 1-1/2 pipe approximately 200 to 250 feet with about a 10 foot drop in elevation in to a natural basin. Located in the NESENE, S13, T12S, R4E.

Photos By
RDH
10/9/93



PICTURE # 2

POU of the stock tank looking back up the pipeline. Buried underground until it reaches this spot, Located in the above description.

