

Permit No. 83-11932

3. Source: Chute Creek tributary to Silver Creek

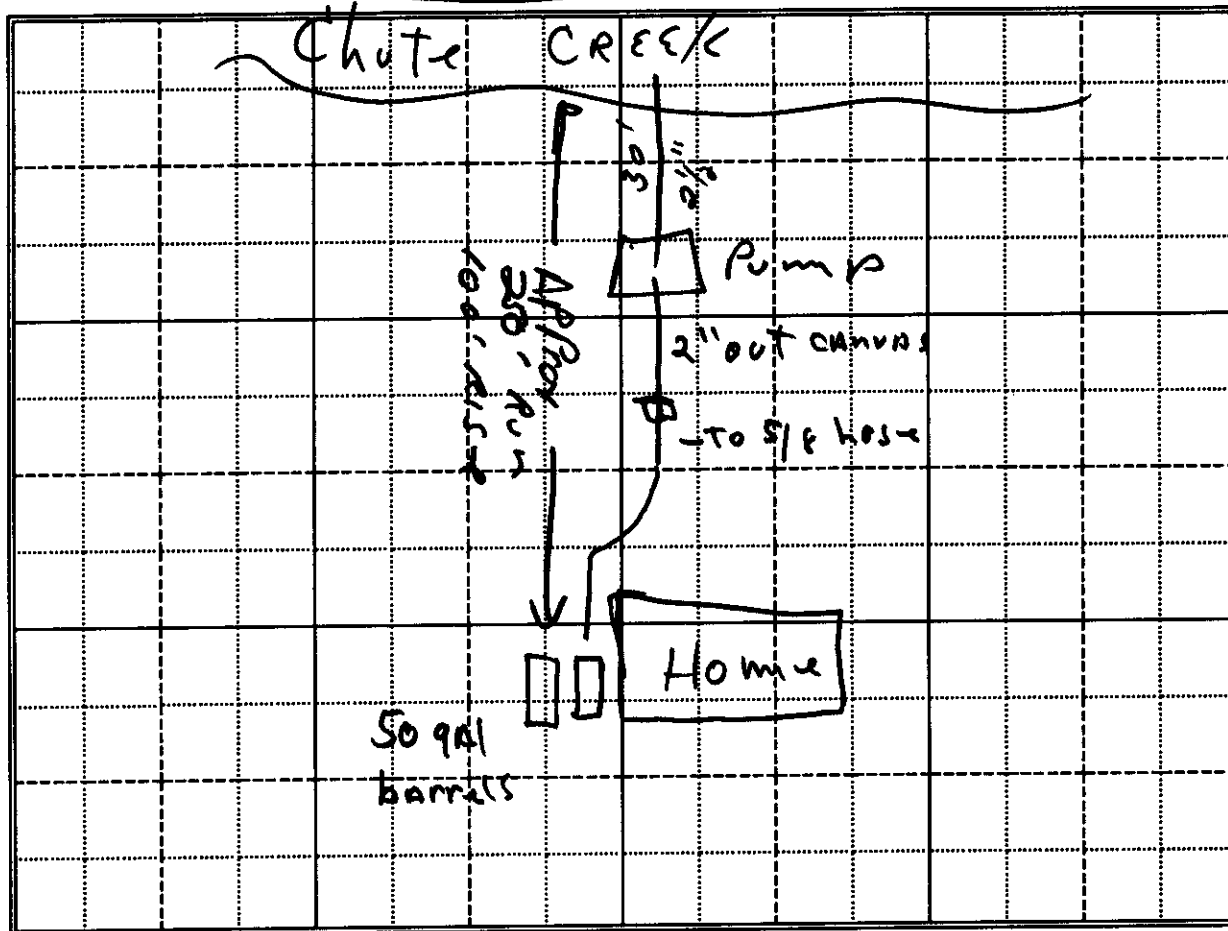
2. Other water rights with the same point of diversion: _____

[illegible]

Indicate Method of Determination

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe I.D. as applicable.



Scale: 1" = _____

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Brieger & Stratton BAC	3		Lite house	1643267048530

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

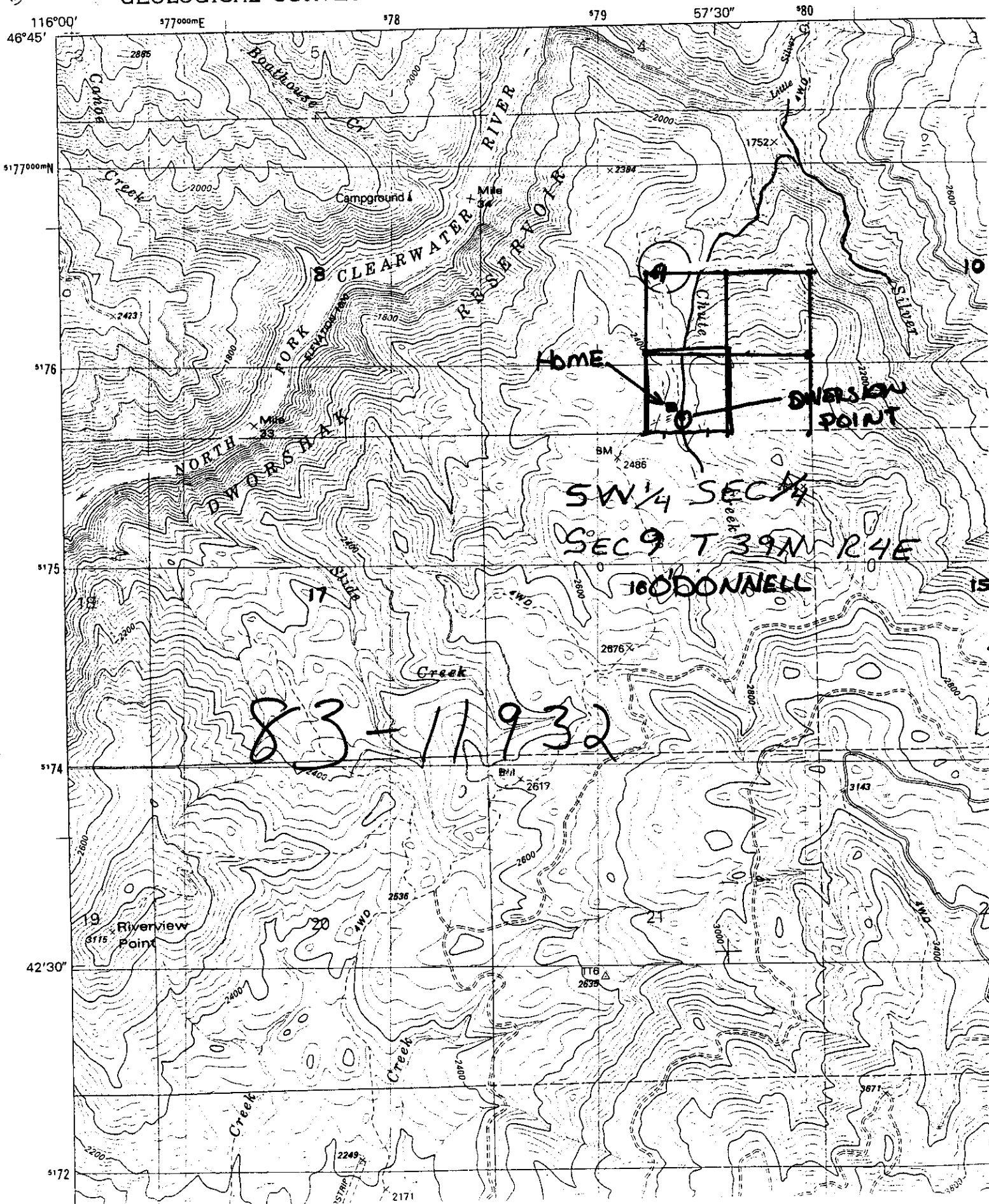
Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

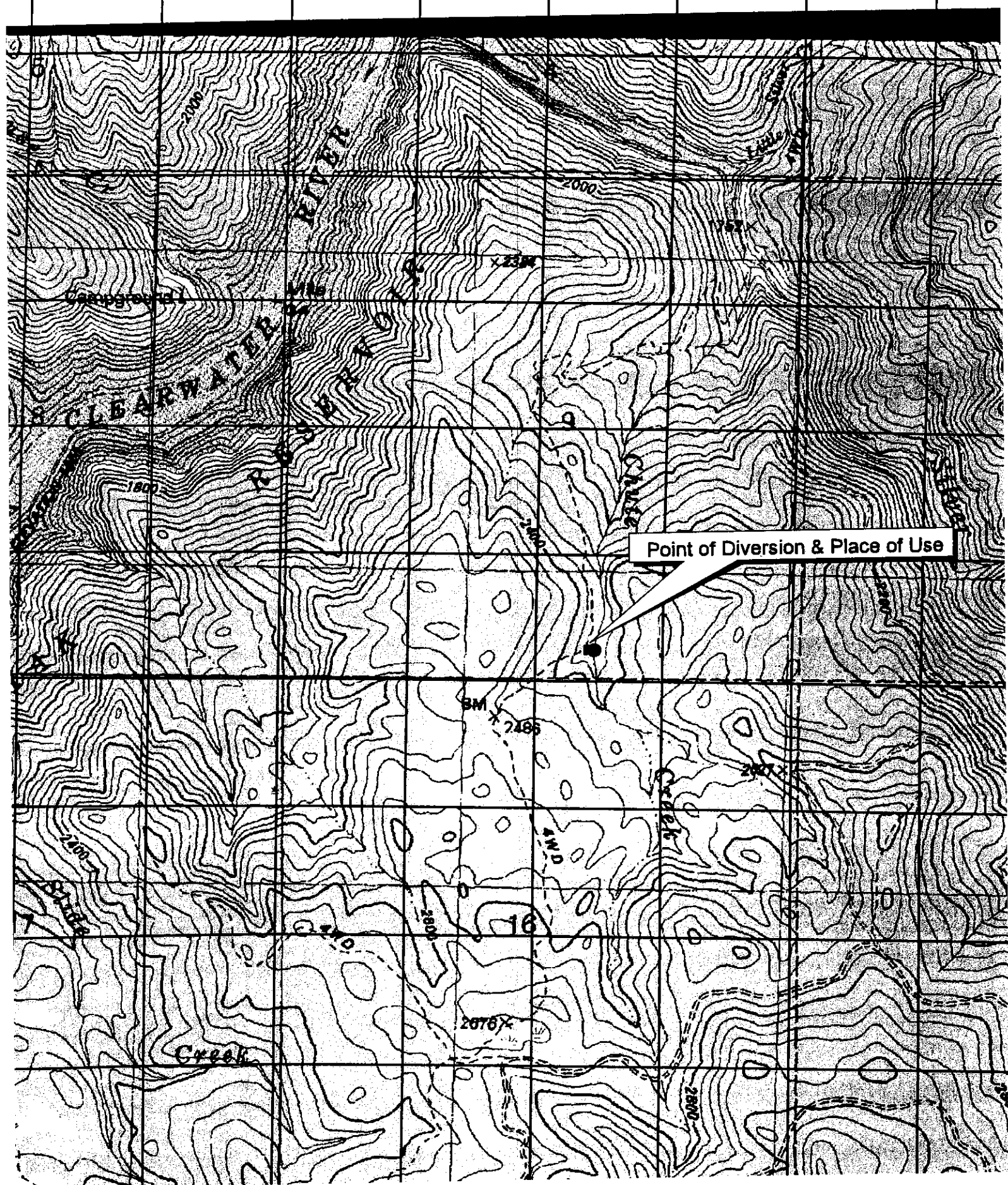
2. Measurements: _____

277 SE
BUTTE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

R.T.O. WELL
T39N R4E
SW 1/4 SE 1/4 SEC 9







PD
x
pump



Storage
Pannels



Homesite

83-11932

E. NARRATIVE/REMARKS/COMMENTS

System consist of a gas powered pump
intake in Chute crk. Water is pumped up to
4 50 gal drums and then manually taken into
house

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Filled 50 gal drum
Filled 50 gal drum 157 sec = 50 gal in 2.6 min
$$\frac{= 199 \text{ PM} \times 1.133681}{60} = .04 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Domestic</i>	<i>01-01</i>	<i>12-31</i>	<i>.04</i>	<i>1.2</i>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			<i>.04</i>	<i>1.2</i>

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above ___ None
___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ Other

I. AUTHENTICATIONField Examiner's Name *Wayne Baldwin* Date *9-1-09*

Reviewer _____ Date _____

SEAL