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STATE DEPT OF GEOLOGY  
& MINERAL INDS.

LITTLE JOE GROUP (Gold)

Lower Burnt River District Baker County

Owners and Operators: George E. Morin, c/o Adam Kolb, Baker, Oregon.

Location: On Chicken Creek in T. 12 S., R. 44 E. About 7 miles from U. S. highway 30, and 2 miles from the Little Hill Mine.

Equipment: None.

General Description: The claims are located at an elevation of about 4800 feet. The rainfall is light and the snow moderate. Roads are poor and impossible for three or four months in the winter and early spring. There is no timber on the claims.

The development work consists of one 50° 80 foot incline shaft which is partially caved. Shaft timbers partially rotted. The shaft was dewatered for inspection, but normally water stands within a few feet of the collar. One 40 foot tunnel follows a narrow quartz stringer. All of this work is on the Little Joe claim, however there are a few pits on the other claims to satisfy assessment work requirements.

Geology: The country rock is biotite granodiorite cut by quartz stringers, which vary in width from one to four inches and averages one and one-half inches. These quartz stringers strike N. 30° W. and dips 50° to 60° southwest. The quartz veinlets are badly broken and in places are stained with iron oxide. There is said to be considerable scheelite in the bottom of the incline shaft, which is partially caved. Samples taken 60 feet from the collar of the shaft showed 0.9%  $WO_3$ , and \$5.00 in gold. Other samples taken from the shaft and tunnel showed no scheelite and erratic values in gold, which averaged about 0.3 ounces. No sulfides were present. The ore is free milling.

Remarks: There is very little development work done. The veins are narrow and the gold values erratic. The owner claims high percentages of scheelite, but the ultra violet light and chemical analysis failed to find it. It is believed that this property cannot be operated profitably.

Informant: H. K. Lancaster, (8/31/40)

*Hugh K. Lancaster*

LITTLE JOE GROUP

## LOWER BURNET RIVER

|     |     | Gold  |       | WO <sub>2</sub> |     |
|-----|-----|---|-------|-----------------|-----|
|     |     | Ounces  | Value | Percent         |     |
| ABW | 221 | 4" broken quartz south side of shaft 60' from collar of shaft.                      | 0.16  | \$ 5.80         | 0.8 |
|     | 222 | 5 1/2" broken quartz north side of shaft 60' from collar shaft                      | 0.14  | 4.80            | 0.9 |
|     | 223 | 2" broken quartz north side of shaft 30' from collar                                | 1.72  | 60.20           | Nil |
|     | 224 | Upper tunnel 1 1/2" quartz--face of tunnel. Dip 65° S, 30° W. Strike S. 30° E.      | 0.06  | 2.10            | Nil |
|     | 225 | 2" broken quartz. Vein in cut at mouth of upper tunnel. Dip 50° SW Strike S. 30° E. | Trace |                 | Nil |

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Levie G. Richards, Assayer

Little Joe Group

*Scheelite Property  
Tungsten Claims*

Gold  
PRINCIPAL ORE

*tungsten*  
MINOR MINERALS

NAME

OLD NAMES

T12S

R44E

*NW/4 15  
~~on section back~~*

PUBLISHED REFERENCES

*Doganis 147. "Tungsten Claim"  
" " "Scheelite Property" page 73  
Parks & Swarthly 16:199 "Scheelite Property"*

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MISCELLANEOUS RECORDS

~~Report by H.K.L. 8/31/40~~

..... Baker ..... COUNTY  
..... Lower Burnt River .. AREA  
..... 4800 ..... ELEVATION  
..... ROAD OR HIGHWAY  
..... 7 mi. Hwy 30 onto UPRR. DISTANCE TO  
..... SHIPPING POINT

PRESENT LEGAL OWNER (S) ... *Geo. E. Morin* .....

Address ..... *% Adam Kolb, Baker, Ore.* .....

OPERATOR .....

| Name of claims | Area | Pat. | Unpat. |
|----------------|------|------|--------|
|                |      |      |        |
|                |      |      |        |
|                |      |      |        |
|                |      |      |        |
|                |      |      |        |

| Name of claims | Area | Pat. | Unpat. |
|----------------|------|------|--------|
|                |      |      |        |
|                |      |      |        |
|                |      |      |        |
|                |      |      |        |
|                |      |      |        |

EQUIPMENT ON PROPERTY

Tungsten claims - See Little Joe

*Pu*  
PRINCIPAL ORE

*Tungsten*  
MINOR MINERALS

NAME

OLD NAMES

12S

44E

*NW 1/4 15*  
~~concluded & sold~~

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PUBLISHED REFERENCES

*Baker*..... COUNTY

*Brown Bull River*..... AREA

*4900*..... ELEVATION

MISCELLANEOUS RECORDS

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) ... *Geo. E. Moran*.....

Address ... *to Dan Wild Baker Co.*.....

OPERATOR .....

Name of claims                      Area    Pat.    Unpat.

Name of claims                      Area    Pat.    Unpat.

EQUIPMENT ON PROPERTY

Schalitz Property See Little Joe

Ru

tungsten

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

12S

44E

NW 1/4 15

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PUBLISHED REFERENCES

..... *Baker* ..... COUNTY

..... *Arrow Point River* ..... AREA

..... *4900* ..... ELEVATION

MISCELLANEOUS RECORDS

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) .....

Address .....

OPERATOR .....

Name of claims                      Area    Pat.    Unpat.

Name of claims                      Area    Pat.    Unpat.

EQUIPMENT ON PROPERTY