

Struss Sand and Gravel

Sand and Gravel

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

15 S

12 E

11

T

R

S

PUBLISHED REFERENCES

..... Deschutes ..... COUNTY

..... Unclassified ..... AREA

..... ELEVATION

MISCELLANEOUS RECORDS

.U.S. 28 ..... ROAD OR HIGHWAY

4 miles to Redmond ..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) ..... J.A. Struss .....

Address ..... Redmond, Oregon .....

OPERATOR ..... J.A. Struss .....

..... Redmond, Oregon .....

Name of claims Area Pat. Unpat.

Name of claims Area Pat. Unpat.

EQUIPMENT ON PROPERTY

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

## MEMORANDUM REPORT

STRUSS SAND & GRAVEL

UNCLASSIFIED DISTRICT

DESCHUTES COUNTY

### Owner-Operator:

J. A. Struss, Redmond, Oregon

### Location:

T 15 S; R 12 E; S 11. This is on the Deschutes River at Cline Falls, 4 miles west of Redmond on U.S. Highway 28.

### Area:

Deeded farm land.

### History:

During the war sand and gravel was excavated from several sites along the river on this farm for the Redmond Airport and other projects by transient contractors. Struss, the farm owner, decided to go into the business himself, in 1946 and constructed a permanent type crushing plant which he has operated to date on a State Highway contract.

### Plant and Pit:

Gravel is excavated by a fixed type drag line and conveyed from the pit to the crushing plant by a belt conveyor. Crushing is done in two phases--- with a 15 x 21 jaw crusher first and a gyratory second. Screening is done dry.

Many layers of fine silty-sandy material occur in the pit. Some of these are quite thick. Their composition has not been determined, but it is likely that it will prove of only mediocre value as a source of top grade sand. The gravel streaks that occur contain a heterogeneous assortment of washed rocks

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- 2 -

up to  $1\frac{1}{2}$  feet in diameter although this size is not abundant. Seven and eight inch boulders, however, are common. While the quality of material products from this pit might pass high specifications the occurrence is a messy one to work considering the extremes in stratification.

## General:

All fine materials have been stockpiled in the pit for future washing as Struss is contemplating going into the commercial sand and gravel game after his State contracts have been filled.

Struss is an elderly, cordial and kindly man, and evidently he has been a successful one financially judging from his home, etc.---but I gather that he has had little previous experience in this line of business.

## Report by:

N. S. Wagner, February 18, 1947

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