

## RECORD IDENTIFICATION

RECORD NO..... M020336  
 RECORD TYPE..... XIM  
 INFORMATION SOURCE... 1  
 MAP CODE NO. OF REC..

## REPORTER

NAME..... FERNS, MARK L. (BROOKS, HOWARD C.)  
 AFFILIATION..... ODGMI  
 DATE..... 81 05

## NAME AND LOCATION

DEPOSIT NAME..... FAT ELK  
 SYNONYM NAME..... GIBBS, GILBERT  
 MINING DISTRICT/AREA/SUBDIST. COOS BAY COAL FIELD

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

STATE CODE..... OR  
 STATE NAME: OREGON

COUNTY..... COOS  
 DRAINAGE AREA..... 17100305 PACIFIC NORTHWEST  
 PHYSIOGRAPHIC PROV..... 13 COAST RANGE  
 LAND CLASSIFICATION..... 01

QUAD SCALE            QUAD NO OR NAME  
 1: 62500            COQUILLE (1942)

LATITUDE            LONGITUDE  
 43-09-50N            124-14-08W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
 4779550            399550            +10

TWP..... 028S  
 RANGE..... 013W  
 SECTION.. 03 09; 10  
 MERIDIAN. WILLAMETTE

ACCURACY OF LOCATION  
 ACCURATE

## COMMODITY INFORMATION

COMMODITIES PRESENT..... COA



COAL

COMMODITY COMMENTS:  
GENERALLY POOR IN QUALITY

ANALYTICAL DATA

SOURCE REFERENCE.. ALLEN, 1944  
BTU..... 9260  
SULFUR..... 0.6  
ASH..... 11.7  
FIXED CARBON..... 36.9  
VOLATILES..... 35.0  
MOISTURE..... 16.4  
THICKNESS OF COAL. 3.1 FT

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 8  
YEAR OF FIRST PRODUCTION. 1937  
YEAR OF LAST PRODUCTION. 1941

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

SEDIMENTARY

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
MAX THICKNESS..... 11 FT

COMMENTS(DESCRIPTION OF DEPOSIT):

FIVE COAL BEDS

DESCRIPTION OF WORKINGS

UNDERGROUND

PRODUCTION

YES

SMALL PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... ED  
HOST ROCK TYPES..... SANDSTONE AND SHALE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: COALEDO

AGE: ED



GILBERT COAL MINE

COOS BAY DISTRICT

Owner: G. E. Gilbert, Riverton, Oregon.

Location: Three miles west of Coquille and  $\frac{1}{2}$  mile off Hwy. 101 on Fat Elk Creek road, legally described as the NW $\frac{1}{4}$  SW $\frac{1}{4}$  sec. 3, T. 28 S., R. 13 W. Elevation 150 feet.

Area: 40 acres of patented land

Geology: Seven outcroppings occur on this tract. The strike is generally about S. 65° W., and the coal dips 25°-30° to the S.E. One of these outcroppings has been opened with a 24° incline shaft 65 feet deep. Approximately 130 tons of coal have been mined here by Mr. Gilbert.

Attached is from Bull. #20 of S. D. G. & M. I., p. 12

The mine is developing the upper portion of an unnamed bed, which strikes N.65°E. and dips 25°SE. The exposed portion of the bed was measured and sampled in the 1st entry, 40 feet south of the slope, by M. R. Geer and J. E. Morrison, May 6, 1939, as described below:

Section of upper bench of unnamed bed in Gilbert mine

Laboratory No. B-40026

Roof, smooth sandstone:	Ft.	in.
Bone, coal streaks . . . . .		<u>a</u> 4
Shale, firm . . . . .		<u>a</u> 2
Coal, friable . . . . .		4-1/2
Shale, gray, hard . . . . .		<u>a</u> 1
Coal, hard . . . . .	2	10

Floor, immediate, soft carbonaceous shale, underlain by 10 feet of bone, shale, and coal, interstratified.

Thickness of bench	3	9-1/2
Thickness in sample	3	2-1/2

a Not included in sample

The bed, although nowhere completely exposed, is thought to be about 14 feet thick, but only the upper 4 feet is being worked. At the time of sampling the mine was under development, and some 50 feet of slope and 60 feet of entry had been driven. The production was being sold as run-of-mine coal.



Results of laboratory test are found on pp. 19-20, of Bull. #20.

Equipment & Economics:

An automobile engine (Reo) is used for pulling the coal out of the shaft and from there it is dumped into an ore bin. The shaft makes a small amount of water which up to date has been siphoned out. The coal is run over 2 screens producing 3 grades of coal. The lump which is plus 2 inches sells for \$4.50. The nut which is minus 2 inches plus  $\frac{1}{2}$  inch sells for \$2.50. The pea coal which is minus  $\frac{1}{2}$  inch sells for \$1.50. All the above prices are at the mine.

• Informant: JE Morrison 3/28/39



DEPARTMENT OF THE INTERIOR  
 BUREAU OF MINES

## A—DESCRIPTION OF MINE

- (1) State Oregon (2) County Coos (3) Town Coguille  
(Post office)
- (4) Mine sample of \_\_\_\_\_ (Material; for coal, give classification) (5) Coal field Coos Bay (6) District \_\_\_\_\_
- (7) Mine Gilbert Slope 2 1/2 miles west  
(a. Name) (b. Kind of opening; if shaft, give depth) (c. Height of opening above sea level) (d. Distance and direction from town)
- None Coguille Truck Mine  
(e. Sec., T., and R., if necessary) (j. Railroad connections) (g. Shipping point) (h. State if wagon mine or prospect, and give distance from shipping point)
- (8) Coal bed Unnamed Eocene Arago 25° NW S. 65 W.  
(a. Name) (b. Geologic system) (c. Formation) (d. Dip; degrees) (e. Strike, direction)
- (9) Mining system Room & Pillar (10) Undercutting Hand (11) Explosives None  
(Long wall, room and pillar, panels, etc.) (Hand or machine) (a. Used for coal) (b. Used for roof or floor)
- (12) Operator G. E. Gilbert, Riverton (13) Sales agent Same  
(Name and address) (Name and address)
- (14) Output per day 3 (15) Max. day's output 4 (16) Last year's output New  
(Average, gross, or net tons) (During last year) (Gross or net tons)
- (17) Output from advance workings; 0-100 (18) Lifetime of mine 20 (19) Run of mine, 0-100 (20) Is coal screened? No  
(At present) (Years estimated) (Of output shipped)
- (21) Type of screens \_\_\_\_\_ (22) Type of washer None (23) Percent coal washed 0
- (24) Maximum size washed \_\_\_\_\_ (25) Sizes produced \_\_\_\_\_ (26) Sizes produced R-O-M  
(Washed coal) (Of coal not washed)
- (27) Is coal picked? No (28) Percent coal coked 0 (29) Sizes coked \_\_\_\_\_  
(State whether on belt or car) (At mine) (Screenings, crushed, washed, etc.)
- (30) Type and number of ovens \_\_\_\_\_ (31) Remarks Mine under development  
(Indicate after subject by mark (x) if additional information is given here)
- 50' slope & 60' of entry driven; no rooms  
(If this space is not sufficient, use back of card, making reference thereto)
- (32) Can Nos. \_\_\_\_\_  
(Give numbers of all samples forwarded)
- (33) Laboratory Nos. \_\_\_\_\_  
(Laboratory to fill in numbers immediately below corresponding can numbers)
- (34) Mine sampled at 1 points by M. R. Geer & J. E. Morrison on May 6, 1929  
(Number) (Collector) (Office) (Date)

NOTE.—FILL IN ONLY ONE FORM LIKE THIS FOR A MINE. MAIL TO LABORATORY WITH B CARDS