6-133

DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

A—DESCRIPTION OF MINE

(1) State Oregon (2) County Coos (3) Town Marshfield (Post office)

(4) Mine sample of ____ (Material; for coal, give classification) (5) Coal field Coos Bay (6) District ____

(7) Mine Thomas (a. Name) Drift (b. Kind of opening; if shaft, give depth) 200 (c. Height of opening above sea level) 10 miles south (d. Distance and direction from town)

S.E¼ Sec. 9 T. 27 S. R. 13 W. (e. Sec., T., and R., if necessary) None (f. Railroad connections) Marshfield (g. Shipping point) Truck Mine (h. State if wagon mine or prospect, and give distance from shipping point)

(8) Coal bed Beaver Hill (a. Name) Eocene (b. Geologic system) Arago (c. Formation) 30 E (d. Dip; degrees) N 40 E (e. Strike, direction)

(9) Mining system Room & Pillar (Long wall, room and pillar, panels, etc.) (10) Undercutting Hand (Hand or machine) (11) Explosives Stumping (a. Used for coal) (b. Used for roof or floor)

(12) Operator Thomas Coal Co. Marshfield (Name and address) (13) Sales agent Same (Name and address)

(14) Output per day 10 (Average, gross, or net tons) (15) Max. day's output 12 (During last year) (16) Last year's output 6000 (Gross or net tons)

(17) Output from advance workings; % 0 (At present) (18) Lifetime of mine 10 (Years estimated) (19) Run of mine, % 0 (Of output shipped) (20) Is coal screened? Yes

(21) Type of screens Stationary bar & plate (22) Type of washer None (23) Percent coal washed 0

(24) Maximum size washed — (25) Sizes produced — (Washed coal) (26) Sizes produced +3" r.h. 3"-1½ r.h. 1½"-¾" r.h.-¾" (Of coal not washed)

(27) Is coal picked? No (State whether on belt or car) (28) Percent coal coked ____ (At mine) (29) Sizes coked — (Screenings, crushed, washed, etc.)

(30) Type and number of ovens — (31) Remarks 650' of waterlevel gangway, 14 rooms, only 2 closely spaced rooms now working. (Indicate after subject by mark (x) if additional information is given here) (If this space is not sufficient, use back of card, making reference thereto)

(32) Can Nos. H-11, (Give numbers of all samples forwarded)

(33) Laboratory Nos. ____ (Laboratory to fill in numbers immediately below corresponding can numbers)

(34) Mine sampled at 1 (Number) points by M. R. Geer & J. E. Morrison (Collector) on May 5 (Date), 19 39

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

U. S. GOVERNMENT PRINTING OFFICE 6—8720

THOMAS MINE

The Thomas Mine is located ten miles south of Marshfield and one mile west of Highway 101 and the Southern Pacific Railroad, in S.E.¼ of Sec. 9, T. 27 S., R. 13 W. at an elevation of 200 ft. The mine is operated by the Thomas Coal Co. which is controlled by Zeph Thomas, Marshfield.

The mine is opened by a 650 ft. water level gangway driven north 40° east from which 14 closely spaced rooms have been turned up the 30° depth of the bed.

The Beaver Hill bed, which is about 7 ft. thick, has shale roof and floor. Bony coal is left on both the roof and floor to protect against the shale which is rather soft. Directly under the bone roof is about 10 inches of clay and bone which must be taken down and gobbed. The remainder of the bed is devided into two benches by a firm clay parting about 9 inches in thickness. The upper bench, which is 30 inches thick, is usually clean hard coal. The bottom bench, about 15 inches thick, is not of such good quality, and in places changes to bony coal and even bone.

In mining the center clay parting is used as a mining seam. The two benches of coal are usually mined by pick, although sometimes a shot is placed in the tight corner. In general a good cleat facilitates pick mining.

Haulage is by mule in cars holding 1,500 lbs.

At the tipple cars are dumped by end dump into a long shute leading to the screens. A 3" bar 1½" round hole and 3/8" round hole screen, all stationary, divide the coal into plus 3" lump, 3" to 1½" nut, 1½" to 3/8" pea, and minus 3/8" slack.

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO..... M020329
RECORD TYPE..... X1M
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..... MARTIN MINE
SYNONYM NAME..... THOMAS COAL; BEAVER COAL

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	COQVILLE (1942)

LATITUDE	LONGITUDE
43-14-29N	124-14-45W

UTM NORTHING	UTM EASTING	UTM ZONE NO
4788150	398850	+10

TWP..... 027S
RANGE.... 013W
SECTION.. 09
SECTION FRACTIONS: SE 1/4

ACCURACY OF LOCATION
ACCURATE

COMMODITY INFORMATION
COMMODITIES PRESENT..... COA

COAL

ANALYTICAL DATA
SOURCE REFERENCE.. ALLEN, 1944
BTU..... 10080
SULFUR..... 0.5
ASH..... 5.7
FIXED CARBON..... 57.5
VOLATILES..... 34.6
MOISTURE..... 16.9
THICKNESS OF COAL. 4.3 FT

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 6
YEAR OF FIRST PRODUCTION. 1936
YEAR OF LAST PRODUCTION. 1941

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
SEDIMENTARY
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL
MAX THICKNESS..... 5 FT
STRIKE OF OREBODY.... N40E
DIP OF OREBODY..... 30 E

DESCRIPTION OF WORKINGS
UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):
650 FOOT DRIFT

PRODUCTION
YES
SMALL PRODUCTION

CUMULATIVE PRODUCTION (ORE,COMMOD.,CONC.,OVERBUR.)

ITEM	ACC	AMOUNT	THOUS.UNITS	YEAR	GRADE,REMARKS
15 COA		SMALL		1936-1941	

PRODUCTION COMMENTS.... 10 TONS/DAY IN 1938

GEOLOGY AND MINERALOGY