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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LUCKY STRIKE MINE

ALTERNATE NAMES:
COMBINATION TUNGSTEN

COCHISE COUNTY MILS NUMBER: 121

LOCATION: TOWNSHIP 23 S RANGE 20 E SECTION 4 QUARTER N2
LATITUDE: N 31DEG 27MIN 49SEC LONGITUDE: W 110DEG 19MIN 01SEC
TOPO MAP NAME: MILLER PEAK - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
TUNGSTEN
LEAD SULFIDE
SILVER
GOLD LODE

BIBLIOGRAPHY:
KEITH, S.B., 1973, AZBM BULL. 187, P. 66
ADMMR LUCKY STRIKE MINE FILE
AZBM BULL. 148, P. 47
USBM RI 5650 P. 33
USBM "U" FILE -W6



Cany

R E S E R V A T I O N

34 Barchas R

Tinker

Scheelite

Ridge

Canyon

Brown

WABM

Pomona Mine

Canyon

Bledsoe

Ramsey

Ramsey

Ramsey Peak

Pat Scott Peak

Hamburg Mine

Canyon

Spring

LUCKY STRIKE MINE COCHISE COUNTY

Huachuca Mtns.

According to report of ALJ in
POMERENE MILL file the

THE STANDARD TUNGSTEN CORP.,
75 West Street,
New York 6, N. Y.

owns the above property. Feb. 7, 1956

RI 5650, p. 33

ABM Bull. 148, p. 47

NAME OF MINE:	LUCKY STRIKE	COUNTY:	COCHISE
OPERATOR AND ADDRESS:	Chas. W. Sebrlelson Box 279 Bisbee, Arizona J. E. McKenna, Bisbee	DISTRICT:	HARTFORD
DATE:	5/45	LEADS:	W, AU, PB, FI
DATE:	11/43	MINE STATUS:	Shut down
DATE:	5/45		Developing
DATE:	6/46		Idle

RECEIVED 10-15-51
ANSWERED

Oct. 8. 1951
By Axel L. Johnson

SOURCE OF INFORMATION --- C. J. Frankel, Hereford, Ariz.
MINE --- Lucky Strike
DISTRICT --- Hartford Mining District.

Location In Brown Canyon in the Hua-chuca Mts., just south of the south line of the military reservation----- 15 miles from Hereford, and 35 miles from Bisbee.

Number of claims 14 unpatented claims.

Owner C. J. Frankel, Hereford, Ariz.

Operator same as above.

Officers C. J. Frankel, General Manager.

metals Mined Tungsten ores in the form of scheelite.

Men Employed 3 men

Production Rate. Exploration work is being done at present. The ore from this exploration work is being stockpiled to be milled later on. The stockpile is now about 3500 tons running from 0.3 to 0.5 % WO_3 . The best part of the stockpile will be milled later on, probably all of it, if it should prove practical.

Milling Facilities There are no milling facilities in the immediate area now to treat this ore. Mr. Frankel expects to build a mill next year, when he has enough ore stockpiled to warrant this expenditure. Mr. Frankel expects the mill to cost about \$75,000, and will use a flow sheet recommended to him by the Deister Machine Co., of Ft. Wayne, Ind. after they made a mill test of his ore.

Ore Values Ore occurs as scheelite in quartz veins from 2 to 2 1/2 feet wide. Mr. Frankel believes the ore from stoping operations will average over 1 % WO_3 . He expects to be able to mill ore running 0.5% or better, and possibly of even lower value. Ore has impurities, including iron, sulphur, and lead. There are iron pyrites in the ore, and lead ran as high as 1.60% in a mill test concentrate.

Geology See Univ. of Ariz. Bulletin ¹⁴⁸ "Tungsten Deposits of Ariz." at bottom of page ~~46~~ 47, under "Lucky Strike".

Past Production See Bulletin referred to above.

Present Operations Exploration work has been carried out so far, consisting of over 300 feet of drifting. There is a main 18 deg. Incline Drift--135 ft. long, and 175 feet of cross drifts at a point 100 ft. down on the incline drift. The operator is now soon ready for stoping.

Proposed plans Mr. Frankel plans to put on 2 more men, work 2 places, and use a ~~scrapper~~ scraper. He intends to keep on stoping ore until he has a stockpile large enough to warrant the expenditure of a mill, which he expect to build next year.

Special Difficulties Mr. Frankel does not seem to have the difficulties which the average small mine operator complains about. He has the capital that he needs for mining operations and the construction of a mill. He also has a flow sheet for the milling operations worked out by the Deister Machine Co. of FT. Wayne, Ind.