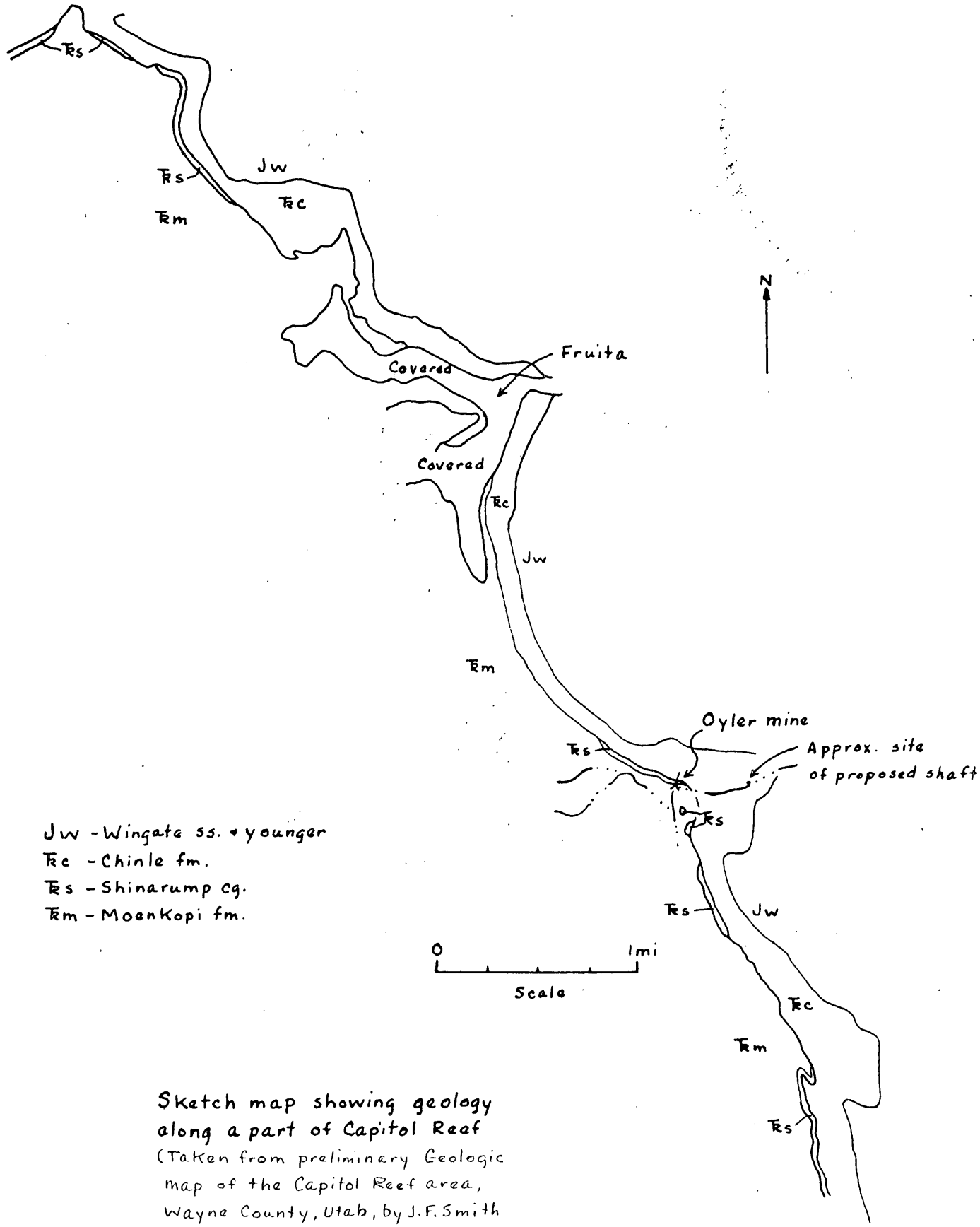

Sketch map showing geology along a part of Capitol Reef
(Taken from preliminary Geologic map of the Capitol Reef area, Wayne County, Utah, by J. F. Smith et al, T. E. M. R. 538)

STANDARD FORM NO. 64

Denial 9/5

Office Memorandum UNITED STATES GOVERNMENT

TO : E. Wm. Ellis, DMEA Member
Uranium Commodity

DATE: July 22, 1953

FROM : Arthur P. Butler, USGS Member
Uranium Commodity Committee

Burr for A. P. Butler Jr

SUBJECT: Field Team Report, DMEA Docket 3628 (uranium) La Florecita Mining Company, Wayne County, Utah

I have reviewed the Field Team Report on the above-described property and have discussed it with H. D. Keiser, Bureau of Mines member, and J. O. Hosted, Atomic Energy Commission.

Recommendation

The Field Team report is based on geologic work which indicates that the Shinarump conglomerate, the ore-bearing formation, lenses in the area and is probably absent where the proposed shaft would be sunk, even though it is present at the nearby Oyler mine. The geological setting is such that there is insufficient evidence of ore to justify the expense of sinking a shaft; and it is pointed out that a diamond drill hole with good recovery would give practically as much information as the shaft and would cost much less. In addition, there is a question as to whether the proposed shaft should not be considered development rather than exploration.

I concur in the Field Team's recommendation that the application be denied.

Copy to E. Wm. Ellis (2)

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

July 22, 1953

E. Wm. Ellis, DMEA Member
Uranium Commodity
Arthur P. Butler, USGS Member
Uranium Commodity Committee
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I concur in the Field Team's recommendation that the application be denied.

Copy to E. Wm. Ellis (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

July 21, 1953

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4640

From: H. D. Keiser, Bureau of Mines Member
Uranium Commodity Committee

Subject: Final Report, DMEA Docket 3028, La Florecita Mining Company, Wayne County, Utah.

I have reviewed the subject report and discussed it with Andrew Brown, Acting Geological Survey Member, and Joseph O. Hosted, representative of the Atomic Energy Commission.

It is recommended that the subject report be approved, and that the application for an exploration loan be denied.

The report has been forwarded to the Chief, Minerals Division, Bureau of Mines, in accord with the routing slip attached thereto.

H. D. Keiser

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C. July 21, 1953

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To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4640

From: H. D. Keiser, Bureau of Mines Member
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Signed

H. D. Keiser

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

July 13, 1953.

Memorandum

To: Administrator, Defense Minerals Exploration Administration. Attention: 200

From: Field Team, Region IV

Subject: Final Report, DMEA Docket 3028 (Uranium), La Florecita Mining Company, Wayne County, Utah.

Enclosed are four copies of the final report on the subject docket, a copy of the letter of denial to the applicant, and two copies of Form 3b.

W. H. King
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
7-20-53
(date)

C O P Y

224 NewCustomhouse
Denver 2, Colorado

July 13, 1953.

Mr. H. W. Allen, President
La Florecita Mining Company
1153 East 6th South
Salt Lake City 2, Utah

Re: Docket DMEA-3028

Dear Mr. Allen:

Reference is made to your application for Government aid on the La Florecita Exploration Tract.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding material of acceptable grade, and in quantities that will significantly improve the mineral supply position for the National Defense Program.

A careful study of your property and data available to this agency reveals that the probability of disclosing mineable reserves of uranium by your proposed exploration program is not considered sufficiently promising to justify Government participation. Under these circumstances, we regret to advise that your application for exploration aid is denied.

Very truly yours,

/s/ W. H. KING
W. H. King
Field Team, Region IV

/s/ A. H. KOSCHMANN
A. H. Koschmann
Field Team, Region IV

HMC:cwm
cc: Administrator
ERGordon
RPFischer
SRWilson
AHKoschmann (2)
Subject
Chron.

Reviewed by
DMEA OPERATING COMMITTEE
7-20-53
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

200 New Customhouse
Denver 2, Colorado

June 9, 1953

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 3028, La Florecita Mining Company, Wayne County, Utah.

Enclosed are 11 copies of the geologic report by J. Fred Smith of the U. S. Geological Survey covering the above docket.

It has been recommended that the loan be denied.

A. H. Koschmann
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (11)

Reviewed by
DMEA OPERATING COMMITTEE

7-20-53
(date)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 360
Grand Junction, Colorado

June 5, 1953

Memorandum

To: A. H. Koschmann
Field Team, Region IV

From: R. P. Fischer
Colorado Plateau District office

Subject: DMEA Docket 3028, La Florecita Mining Co., Wayne County, Utah

Transmitted herewith are eleven copies of a geologic report on the La Florecita Exploration Tract, Wayne County, Utah. The La Florecita Mining Co. has applied for a loan to sink a 250-foot shaft to explore for uranium ore.

The attached report was prepared by J. Fred Smith and is based on detailed field work in this area in 1951 and 1952, in connection with mapping being conducted by the Geological Survey on behalf of AEC. Because of this work by the Survey, the AEC has made no detailed studies in this immediate area.

Because the Shinarump conglomerate, which contains the uranium deposits in this area, is more likely absent than present at the site of the proposed shaft, the report recommends that the application be denied. Furthermore, it is believed that the proposed shaft would be more appropriately considered development work than exploration.

Richard P. Fischer

Richard P. Fischer
Acting District Supervisor

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE

7-20-53
(date)

UNITED STATES DEPARTMENT OF THE INTERIOR

DOUGLAS MCKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM

REGION IV

DMEA 3028 (Uranium)

La Florecita Mining Co., Wayne County, Utah

By

J. Fred Smith
U. S. Geological Survey

June 5, 1953

Reviewed by
DMEA OPERATING COMMITTEE
7-20-53
(date)

DMEA DOCKET 3028 (Uranium)

LA FLORECITA MINING CO., WAYNE COUNTY, UTAH

INTRODUCTION AND SUMMARY

The La Florecita Mining Company of Salt Lake City, Utah, has applied (Docket 3028) to the Defense Minerals Exploration Administration for a loan to explore for uranium on the La Florecita Exploration Tract in the Capitol Reef National Monument. The application is for $12,643.18, 90 percent of the total cost of the project, and calls for sinking a 250-foot shaft to the ore horizon (the Shinarump conglomerate).

This report is prepared on the basis of geologic work done by the Geological Survey during 1951 and 1952 in the vicinity of the ground controlled by the applicant.

It is recommended that the application be denied for the following reasons: (1) in this immediate area the Shinarump lenses and might be missing at the site of the proposed shaft; and (2) although the Oyler mine contains mineralized rock 1,100 feet to the west, no geologic data indicate the presence of ore in the area of the proposed shaft. Furthermore, the proposed shaft might be more appropriately considered development work than exploration. With good core recovery, a diamond-drill hole would yield nearly as much information as the shaft and cost much less.

GEOLOGY

At the site of the proposed shaft the Chinle formation is exposed. It is underlain by the Shinarump conglomerate, or by the Moenkopi formation where the Shinarump is absent, and is overlain by the cliff-forming Wingate sandstone.

The Shinarump conglomerate (the ore-bearing formation) is lenticular and commonly absent in outcrops for about 3½ miles northwest and about 1½ miles south of the exploration site. This lensing indicates that at any single locality where the Shinarump horizon is covered by younger beds in this immediate area, the Shinarump beds may be lacking. (See enclosed sketch map.)

Because of the lenticularity of the Shinarump in this area, it may be missing below the site of the proposed shaft.

ORE DEPOSITS

Most of the ore at the Oyler mine is in a clay layer, that averages about 1 foot in thickness, at the base of the Shinarump conglomerate. Sandstone overlying the clay is not mineralized. Spots in the upper 1 to 2 feet of the underlying Moenkopi formation are mineralized. The Shinarump sediments at the mine have filled a channel that was cut into the Moenkopi beds. The channel trends in a northerly direction.

On the Oyler Tunnel Tract south of the mine, slightly mineralized rock is exposed at several places along the Moenkopi-Shinarump contact. Meta-torbernite forms thin coatings chiefly along bedding planes in the upper siltstone of the Moenkopi and the basal clay of the Shinarump, but none of this rock is believed to be of minable grade in a minable thickness. On an isolated outcrop, one margin of a channel is exposed, and it probably is a southward extension of the Oyler channel. No channel-filling sediments have been observed elsewhere in the immediate vicinity.

CONCLUSIONS AND RECOMMENDATIONS

In the vicinity of the La Florecita Exploration Tract, the Shinarump conglomerate is known to contain uranium-bearing rock of ore grade only in the Oyler mine, where the ore is in the basal beds of the formation where it fills a channel cut into the underlying Moenkopi formation. It is assumed that such a geologic environment is the favorable one for uranium deposits in this area.

As the Shinarump is present along only a relatively small part of the outcrops in the area (see attached map), and as it forms channel fills along only a small part of the outcrops where the formation is present, the chance of the proposed shaft cutting an ore body is slight. For this reason, it is recommended that the application be denied. Furthermore, the proposed shaft might be more appropriately considered development work than exploration. With good core recovery, a diamond-drill hole would yield nearly as much information as the shaft and would cost much less.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 8 1953

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-3028
Metal or Mineral
Date Received 5/8/53
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: La Plocolta Mining Company, a Utah corporation, 1155 1153 East 6th South, Salt Lake City, 2, Utah.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. See attachment.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract In the N½ and N E ¼ of the S W ¼ of Sec. 25, T 20 S, R 6 E, S L B M.

(*b*) State any mine name by which the property is known. La Plocolta Exploration Tract.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Under Contract.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Copy of contract attached hereto.

(*e*) If you own the land, describe any liens or encumbrances on it None owner.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. The tract above consists of unpatented land and said tract is not recorded in County Recorde's office. (A. E. C. Contract).

4. *Project description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. None. See 4-d for accessibility.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. None.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. See attachment.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) [illegible]e the mineral or minerals for which you wis[illegible] explore Uranium.

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 30 days and be completed within 9 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project: See Attachment.

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

Refer to - - - - First Security Bank, Logan, Utah.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated April 30, 1953

Florecite Mining Company
(Applicant)

By President H. H. Allen
Michael F. O'Reilly

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

ATTACHMENT NO. 1

La Florecita Mining Company
Salt Lake City, Utah

1 (c) Corporation Officers:

Henry W. Allen, President, 314 East 6th South, Salt Lake City 2, Utah; James R. Goodman, First Vice President, Route #1, Box 478-B, Provo, Utah; Michael F. O'Reilly, 1155 East 6th South, Salt Lake City 2, Utah; Irwin C. Glaser, Second Vice President, Assistant Treasurer and General Manager, 656 South 12th East, Salt Lake City 2, Utah; Kenneth J. Boyle, Treasurer and Assistant Secretary, 141 Washington Avenue, Garfield, Utah.

The five executive officers mentioned above are directors of the Corporation and constitute the entire board of directors now serving.

4 (c) Geologic Features:

Outcrops of uranium oxide ore deposits in the Shinarump formation are found in several places in the immediate vicinity, principally on the Yellow Canary and the Oiler Tunnel claims. These claims are shown on the accompanying blueprint. The greater portion of these claims are inside the boundary of the Oyler Tunnel Tract; which tract is also shown on the same blueprint. Its boundaries are marked in red.

The ore varies in grade from 0.20% to 3.0% U/3 O/8 and ranges in thickness from a few inches to 1.5 feet. The mineralized beds strike N 30° West and dip 14° to the NE.

At the site of the proposed shaft, it is estimated that the ore horizon will be encountered at a depth of about 250 feet. The site of the proposed shaft is shown on the blueprint attached hereto.

(d) Accessibility:

Over paved roads from Salt Lake City to Torrey, Utah; from Torrey to Grand Wash over a graveled road. Grand Wash is about 2½ miles SE of Fruita, Utah on Utah State Highway No. 24. This road is passable all year and is maintained by the Utah Road Commission.

No access road construction will be necessary.

Ore Purchasing Depot for the U. S. Atomic Energy Commission is situated at Marysvale, Utah, a distance of 111 miles westerly.

Residence accommodations may be had in Fruita, Torrey, Bicknell and Loa, Utah. The greatest distance to any of these towns is Loa, some 31 miles from Grand Wash where

ATTACHMENT NO. 2

La Florecita Mining Company

La Florecita property is located. All of these towns are along State Highway No. 24.

4 (e) Ample manpower is available in this vicinity. Materials, supplies and equipment may be obtained in Richfield, Utah which is situated about 90 miles NW of the project or in Salt Lake City, Utah. Water needed for mining and culinary use is available nearby. Power units will be gasoline engines.

5 (a) Exploring for uranium.

(b) Description of Proposed Work:

1. Construction of a 10 x 24' combination Hoist House, Supply Room and Shop

2. Construction of a wooden Headframe. Corner posts, 6 x 6", will be sway braced with 2 x 8" timber. This frame will be braced against the pull of the hoist with 6 x 6" timber, at an angle of 45° from the top of the Headframe to the ground.

3. Sinking a 250', 1½ compartment, vertical shaft, 4 x 7' inside timber. The shaft will be cribbed with 4 x 6" timber.

4. Mine workings: None.

5. Location of Proposed Shaft: Depth to the ore horizon at the site of the proposed shaft is estimated at 250'. The shaft site is located S 87° E. 1100' from the Oiler Tunnel Lode location monument, where the dip and strike were taken. The beds strike N 30° W and dip 14° to the Northeast. There are several ore exposures on the Oiler Tunnel tract. The site of the proposed shaft is located at a point on the La Florecita Exploration tract, nearest to the ore outcrops previously mentioned in 4-(c).

(c) The work will start in 30 days and be completed in 9 months.

(d) Operating Experience & Background:

Henry W. Allen, President and director, has been in the mining business for the past 30 years. Also in the insurance business with the Kolob Company, Utah.

James R. Goodman, First Vice President and director, is the foreman of the electrical maintenance department for Geneva Steel Company at Geneva, Utah.

Michael F. O'Reilly, Secretary and director, who has been connected with the mining and construction industry for twenty-five years, will also be general supervisor without compensation.

ATTACHMENT NO. 3

La Florecita Mining Company
Salt Lake City, Utah

Kenneth J. Boyle, Treasurer, Assistant Secretary and director. He is also Secretary and Office Manager of Garfield Trading Co., and Utah Trading Co. He has been interested in various oil and mining enterprises since 1922 (31 years).

Irwin C. Glaser, Second Vice President, director, Assistant Treasurer and General Manager of Operations is the controlling stockholder in Garfield Trading Company, Inc. and Utah Trading Co. and he has had one and one-half years experience in mining.

Richard J. Hogan, Council for the Corporation and a stockholder, has over 30 years mining experience in law. He is the attorney for the Silver King Coalition Mines Company and other important companies or corporations. He is also a member of the Board of Pardons, State of Utah.

The miner-foreman, Jim O'Reilly, has had four years experience in mining, including one year as mine foreman in a small operation.

ATTACHMENT NO. 4

La Florecita Mining Company
Salt Lake City, Utah

6 Estimate of Costs:

(a) Independent contracts: None.

Note: Breakdown of costs covering 6 b, c, f, g, and h for Building Construction, Headframe Construction and Shaft Sinking are as follows:

Building Construction

(for shop, supply room and hoist house)

Labor:	2 men @ $14 / day, 5 days	$140.00	
	1 man @ $16 / day, 5 days	80.00	
	Plus 11% of $220, Social Security, F.O.A.B., Employees Compensation Insurance, etc.	24.20	
	Total for Labor		$244.20
Supplies:			
	Lumber: 2495 BF @ $100 / M	$249.50	
	Roofing Material	50.18	
	Window sashes: 5 @ $4 each	20.00	
	Nails & incidentals	20.00	
	Total for Supplies		339.68
	Total cost of Building Construction		$ 583.88

Headframe Construction

Labor:	2 men @ $14 / day, 5 days	$140.00	
	1 man @ $16 / day, 5 days	80.00	
	Plus 11% of $220, Social Security, F.O.A.B., Employees Compensation Insurance, etc.	24.20	
	Total for Labor		$244.20
Supplies:			
	Timber: 960 BF @ $100 / M	$ 96.00	
	Hardware: Bolts, rod, etc.	65.21	
	Footings: 2 yds @ $11.10 ea	22.20	
	Total for Supplies		183.41
	Total cost of Headframe		427.61

ATTACHMENT No. 5

La Floreeita Mining Company
Salt Lake City, Utah

6. Estimate of Costs (continued):
(b, c, f, g, and h)

Shaft Sinking

250' @ 1½' advance / day, 167 days for completion.

Labor:	2 men @ $14 / day, 167 days	$4,676.00	
	1 man @ $16 / day, 167 days	2,672.00	
	Plus 11% of $7,348.00 for Social Security, F.O.A.B. Employee's Compensation Insurance, etc.	808.28	
	Total for Labor		$8,156.28
Timber:	Cribbing: 31,248 BF @ $100/M	$3,124.80	
	Guides: 1,048 BF @ $260/M	272.48	
	Collar: 128 BF @ $100/M	12.80	
	Manway Platforms 312 BF @ $100/M	31.20	
	Manway Ladders 375 BF @ $100/M	37.50	
	Total for Timber		3,478.78
Explosives @ $1.743 / ft.		$ 435.75	
Drill Steel & Bits @ $0.75 / ft.		187.50	623.25
Pipe:	Air- 250', 1½" @ $27.35 / C ft.	$ 68.38	
	Water- 100', ½" @ $ 9.80 / C ft.	9.80	78.18
Other Supplies: Gas, oil, carbide, etc.		300.00	
Transportation of Supplies:		150.00	
Maintenance of Equipment:		250.00	700.00
	Total cost of Shaft Sinking		$13,036.49

$13,036.49 (250' @ $52.14596) for Shaft Sinking

6 (d) Operating Equipment: In accordance with the requirements of the Short-form Contract, we will furnish the necessary operating equipment. We now have a 105 cu.ft. Compressor, a 1-ton capacity Hoist, a 45-lb. Jackhammer, a one-half ton pickup Dodge truck, other smaller pieces of equipment and the necessary hand tools to do the job. (Depreciation on all equipment and tools is disregarded.)

(e) Not applicable.

Total cost of Project:	$14,047.98
10% of total cost of project:	1,404.80
90% of total cost of project:	$12,643.18

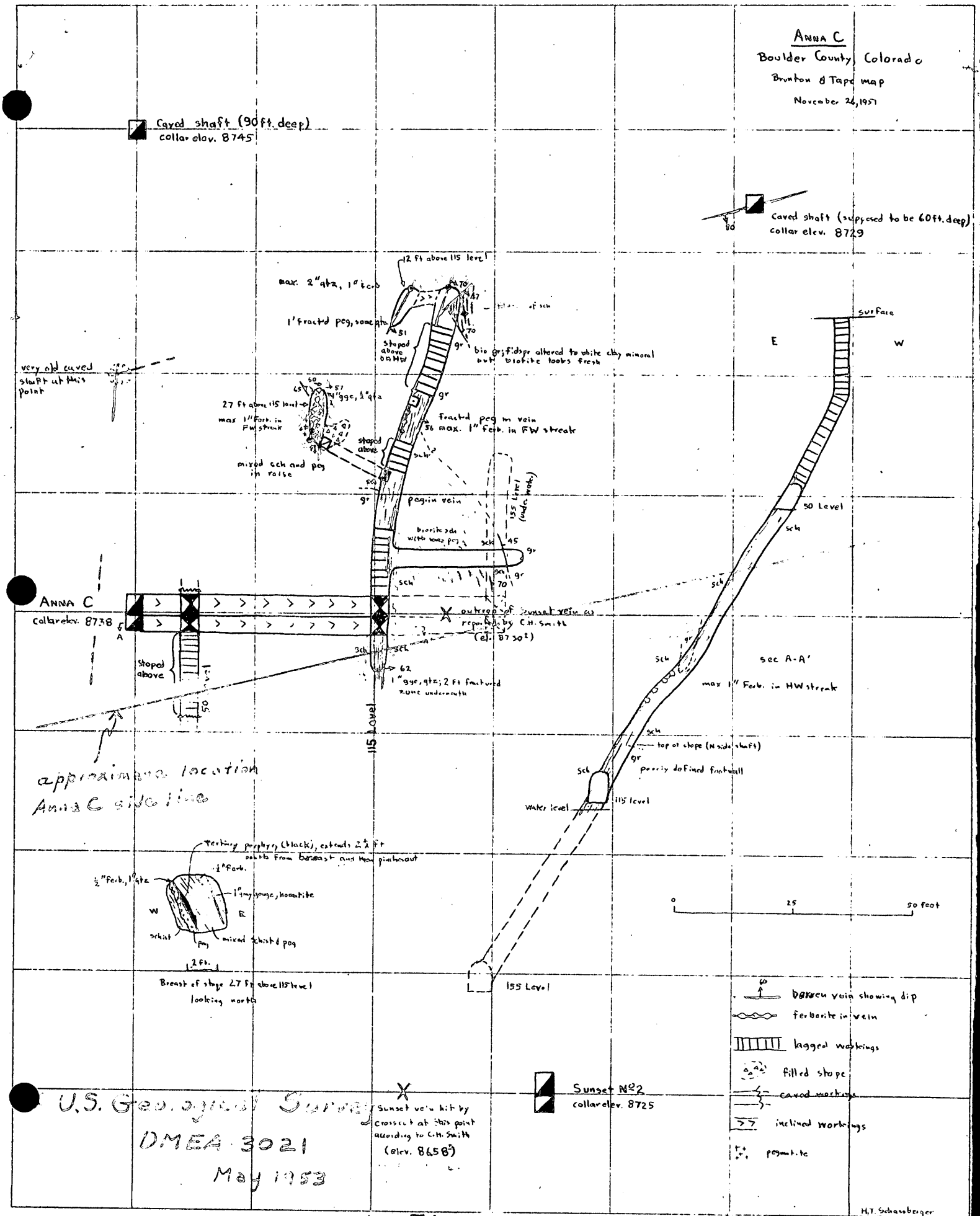
ANNA C
Boulder County, Colorado
Brunton & Tape map
November 26, 1951
Caved shaft (90 ft. deep)
collar elev. 8745
Caved shaft (supposed to be 60 ft. deep)
collar elev. 8729
12 ft above 115 level
max. 2" qtz, 1" fcb
1' fracted peg, some qtz
Stoped above
bio gr; fldspr altered to white clay mineral but biotite looks fresh
very old caved shaft at this point
27 ft above 115 level
max 1" Ferb. in FW streak
1" gge, ½" qtz
fracted peg in vein
max. 1" ferb. in FW streak
mixed sch and peg in raise
peg in vein
155 Level (under work)
biotite sch with some peg
surface
E
W
50 Level
ANNA C
collar elev. 8738
outcrop of Sunset vein as reported by C.H. Smith (el. 8750')
Stoped above
1" gge, qtz; 2 ft fractured zone underneath
115 Level
sec A-A'
max 1" Ferb. in HW streak
top of stope (N side shaft)
poorly defined footwall
water level
115 level
approximate location Anna C sideline
Tertiary porphyry (black), extends 2½ ft south from breast and has pinchout
½" Ferb., 1" qtz
1" fcb.
1" gray gouge, hematite
W
E
schist
peg
mixed schisted peg
2 ft.
Breast of stope 27 ft above 115 level looking north
155 Level
0
25
50 feet
barren vein showing dip
ferberite in vein
lagged workings
filled stope
caved workings
inclined workings
pegmatite
U.S. Geological Survey
DMEA 3021
May 1953
Sunset vein hit by crosscut at this point according to C.H. Smith (elev. 8658')
Sunset No 2
collar elev. 8725
H.T. Schaussberger
"ALBANENE" NO. 166M K&E CO., N.Y.

Fig. 1

Township - 29 - South - Range - 6 - East - S. L. B. & M.

N.W. Cor.

N.E. Cor.

N.W. Cor.

1500 - Ft.

N.E. Cor.

1200 - Ft.

Oyler - Tunnel - Lode

Proposed
La Florecita - Exploration - Tract

N.E. Witness - Cor.

N.W. Witness - Corner

0.68 U_3O_8 - Sample of Talcose Here

Approx. Location of Proposed - Shaft

Location Monument

Grand - Wash

S.W. Cor.

S.E. Cor.

To Fruita

N

Yellow - Canary - Lode

1.01 - U_3O_8 - Sample of Talcose Here

Yellow - Jacket - Lode

N.P.S. Monument 92+55.66

S.E. Witness - Corner

S.W. Cor.

26 25

35 36

S.E. Cor.

Sec. Cor., T29S - R6E, SLM

O - Sample - Taken
• - Station
⊕ - Section - Corner
⊛ - Quarter - Corner
⊕ - Lode - Claim - Discovery
✱ - Uranium - Exploration - Tract Discovery
⊙ - Lode - Mining - Claim - Corner
═══ Trail
▬▬ State - Road - Highway No - 24
Scale - 1 inch = 200 feet
Oyler - Tunnel - Tract - Boundary

Oyler - Tunnel - Tract
- Described - as - Follows -
E½ E½ SE¼ Section 26 & W½ W½ SW¼ Section 25

0 200' 400'
SCALE
1 inch = 200 ft.

La Florecita Mining Company