MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE Contract No. _____ Docket No. 6713

Application
- [x] Denied
- [x] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and Attachments (amended)

Right Side

- [ ] Project Summary (final)
- [ ] Work Completed Analysis (final)
- All other material filed in chronological order including the following reports if checked:
- [ ] Field Team Semiannual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam. Report (Tab) 11/19/70
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. _____: Reports
- [ ] Analysis of Semiannual Inspection Reports
- [ ] Project Summary (Interim) by MME Engineers

Right Side

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with Transmittal, Narrative and Maps

Folders No. _____: Maps (Use pocket folder or envelope)

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty Material

72195-65

MME Form 40
Jan. 65

Budget Bureau No. 42-R1508
Approval expires Dec. 31, 1968

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

C-III

Pursuant to Public Law 85--701 (72 Stat. 700; 30 U.S.C. 641)

NAME OF APPLICANT *(Full legal name and mailing address as they should appear on contract if one is executed.)*

Shangra-La of Purgatorie Corp.
Adolph Hansen and Iva Hansen, Owners
Rt. #1, Box 94
Las Animas, Colorado 81054

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER

DATE RECEIVED

REGION

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL	
CORPORATION	X
PARTNERSHIP	
OTHER *(Specify)*	

STATE IN WHICH FIRM IS ORGANIZED

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Adolph Hansen	Rt. 1, Box 94 Las Animas, Colo. 81054	Pres.
Iva Hansen	Rt. 1, Box 94 Las Animas, Colo. 81054	Vice-Pres.
Carl M. Shinn	222½ South Main St. Lamar, Colo. 81052	Sec-Treas.

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE
Uranium, Zirconium, Rare Earths, Silver and Gold

ESTIMATED COST OF PROJECT
$ 36,617.90

PROPERTY NAME	LOCATION COUNTY	STATE
Hansen Farm	Bent	Colo.

Revised Application

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior,* ~~Washington, D. C., 20240, or with the nearest OME Field Office.~~ Washington, D. C., 20242, or with the nearest OME Field Office.

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, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

Apr. 1, 1970
DATED

Adolph Hansen
BY (Signature)

Owners Iva Hansen
TITLE

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include true copies of correspondence which show: (1) date of loan request, (2) amount and terms requested, (3) proposed use of loan funds, and (4) the replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the cost of the exploration work.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MME Form 52. If the agreements cannot be obtained, state reasons and provide copies of letters of refusal.

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a).

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades and sampling methods used. Support your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property, state name and address of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of operations *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *land boundaries* or to the closest identifiable corner.

(b) If an access road must be built, show the proposed location on the property map and state the length, type and construction methods proposed.

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and cost of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i.e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration work, stating specifications and cost including labor, materials, and supervision.

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(e). Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories. [*Note*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof; (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

INT.-DUP. SEC., WASH., D.C

Estimated Exploration Cost

From the attached bids by the Golden Drilling Company and the Boyles Brothers Drilling Company a total cost of drilling the aforementioned holes can be estimated as follows:

1.	Mobilization and demobilization of drilling rig	$ 500.00
2.	Drilling and casing unconsolidated overburden - 25 ft. per hole, 13 holes for a total of 325 ft. @ $8.00 per foot for a cost of $2560.00	2560.00
3.	Diamond core drilling of 250 ft. per hole for 13 holes for a total footage of 3250 @ $6.25 per foot for a cost of $20,212.50	20,212.50
4.	No water problems of the magnitude that would require the setting and cementing and drilling out casing in any of the holes is anticipated. Therefore no money is requested for this phase of drilling.	
5.	Delays for convenience of drill hole logging; 24 hours @ $15.00 per hour for a cost of #360.00	360.00
6.	100 cardboard core boxes.	100.00
7.	Construct temporary water system for drilling with open ditches supplemented with pipe already owned by operator.	500.00
8.	Roadwork required for drilling access as described by the attached Dillon & Hays Construction Co. This estimate is considered to be high and would be a place to conserve money by just blading and surfacing the 1320 ft.	4960.40
9.	10 composite samples per hole @ $12.50 cost per analysis or $125.00 per hole for 13 holes.	1625.00
10.	Radioactive logging of some of the holes is needed and the estimated cost for this service is #3500.00 Bid not available.	3500.00

11. Fee for geological services. $75.00 per 8 hr. day plus expenses. Total cost not to exceed $2000.00. $ 2000.00

12. Miscellaneous costs, telephone, sample freight from prospect to Denver Assay Office etc. 300.00

TOTAL COST $36,617.90

It should be realized that any successful exploration program should have the flexibility to change as geologic facts become available. The above outlined drilling program is considered an adequate minimum framework for such a program.

Respectfully submitted,

H. E. Blackburn, Jr.

H. E. Blackburn, Jr.,
Geologist

1. Financial Eligibility:

(a) See letters from Banks, Exhibits "A" and "B".
(b) None
(c) Plan to lease operations to major company for development work. Contacts have been made with a large producer and it is very interested.

2. Applicant's Rights in Land:

(a) Fee Owner - Adolph and Iva Hansen, Owners of both surface and all Minerals. No leases of any nature whatsoever.
(b) W½SW¼, NE¼SW¼, NW¼SE¼ of Section 5;
SE¼, SE¼NE¼ of Section 6;
E½NW¼, W½NE¼, NE¼NE¼, NE¼SW¼, W½NW¼SE¼ of Section 7;
W½ NW¼NW¼ of Section 8; all in Township 24 South, Range 52, West of the Sixth Principal Meridian, 640 Acres, more or less. 350 Shares of Highland Irrigation Company Water. All of above land in Bent County, Colorado.
(c) (1) Federal Land Bank of Wichita;
(2) Farmers Home Administration, Bent County, Colorado;

3. Physical Description:

(a) No present workings or mining operation upon the land. With regard to exploration operations, applicants have drilled, at their own expense, six (6) Test holes to a depth of approximately 110 Feet each. Location of property and of approximate sites of test holes so drilled are shown by the accompanying Plat, marked as Exhibit "C".
(b) Test holes were drilled at applicant's sole expense and applicants own entire interest in the result.
(c) None
(d) Assay Certificates from Charles O. Parker & Co. 2114 Curtis Street, Denver, Colorado 80205, as follows:

Date:	Folio:
January 23, 1968	9017
January 25, 1968	9016-9017
June 8, 1967	8835

(e) Deposits were discovered by drilling a 2 inch core by a driller employed for that purpose. Test holes are all on dryland, and rocks crop out of the ground. Gently sloping from West to East toward Purgatorie River. Uranium was found at approximately 100 feet, in the Morrison formation of Jurassic Age. Rare Earth and Zirconium mineralization were found from the surface to the total depth of the core hole. Applicants feel the minerals can be developed by conventional strip or open pit mining. Minerals as shown on the Assay Certificates above mentioned were found.
(f) See Assay Certificate hereto attached.
(g) See maps and Assay Certificates attached.

4. Accessibility of property:

(a) Adolph Hansen, Route #1, Box 94, Las Animas, Colorado, Telephone 456-0919 will help representative inspect property. Property is easily accessable by county road 8 miles Southwest of Las Animas, Colorado.
(b) Las Animas, Colorado - eight (8) miles distant from property.

5. Exploration Work:

(a) Applicants have tested property with electronic M-Scope Machine from Fisher Laboratories, Pala Alto, California which tests minerals 8 to 10 feet Deep and it sh ows minerals all over the 640 Acres owned by applicants. Applicants want to explore further by drilling core drills of 2 inch diameter, to explore the Morrison Formation, at depths of 250 feet with several exploration holes drilled to depths of 500 feet.

Accompanying map shows the test holes already drilled. The property outlines are shown with identifiable corner markers. No previous, former or existing workings on or nearby property.

(b) Existing road is adequate for inspection and further exploration work. It will have to be enlarged for heavy equipment in the development stage.

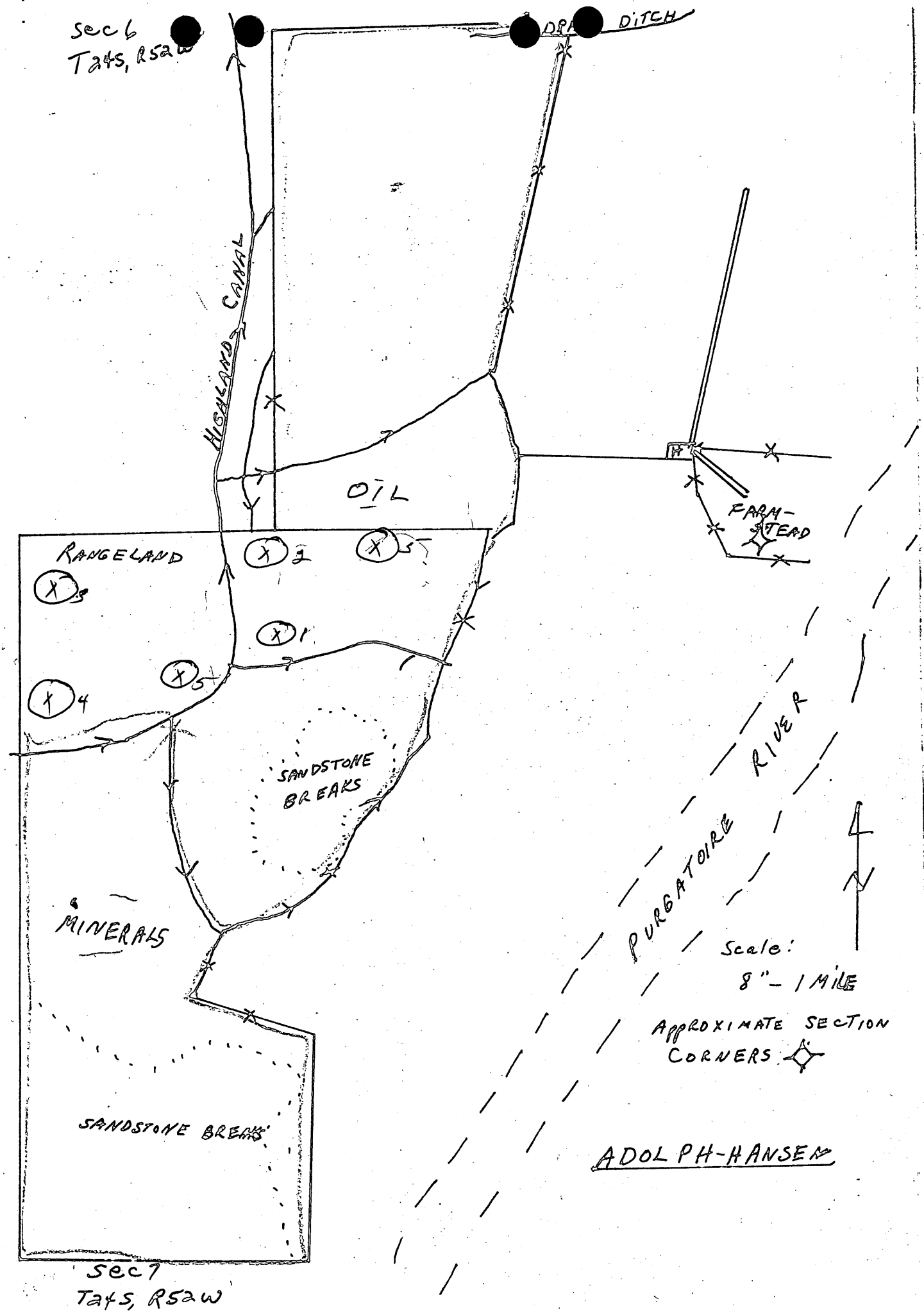
(c) Core test holes can be started immediately. Applicants feel that adequate testing to finally prove property can be completed in 2 weeks to a month after loan is approved.

6. Experience:

Applicants have had very limited experience, but propose to engage the service of qualified core drilling contractors, and qualified geologist and engineer.

7. Estimate of Costs:

(a) Drilling 25,000 feet of core hole @ 6.00 per foot	$150,000.00
Assaying costs on 25,000 feet of cores	30,000.00
Engineering and Geologist and miscellaneous, Telephone, Telegraph, Road work, Drainage Ditch, Record Keeping	10,000.00
	15,000.00
TOTAL:	$205,000.00


Sec 6
T4S, R52W
DRAIN DITCH
HIGHLAND CANAL
OIL
FARM-STEAD
RANGELAND
1
2
3
4
5
SANDSTONE BREAKS
MINERALS
PURGATOIRE RIVER
Scale:
8" - 1 MILE
APPROXIMATE SECTION CORNERS
SANDSTONE BREAKS
ADOLPH-HANSEN
Sec 7
T4S, R52W

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
TUNNEL DRIVING
MINE PLANT DESIGN
AND FABRICATION

Boyles Bros. DRILLING COMPANY

CONTRACTORS-ENGINEERS-GEOLOGISTS

15865 West 5th Avenue
GOLDEN, COLORADO 80401
Phone (303) 279-7913

General Offices and Plant
1624 Pioneer Road P. O. Box 58
SALT LAKE CITY, UTAH 84110
Phone 487-7595

BRANCH OFFICES
ARIZONA (PHOENIX)
CALIFORNIA (AUBURN)
COLORADO (GOLDEN)
NEVADA (SPARKS)
WASHINGTON (SPOKANE)
CHILE (SANTIAGO)
CABLE: BOYLESBROS
MEXICO, D.F.
PERU (LIMA)
CABLE: BOYLESCOP

September 30, 1969

Shangrila on the Purgatory Enterprises
Route #1 Box 94
Las Animas, Colorado 81054

Attention: Mr. Adolph Hansen

Gentlemen:

The following schedule of items is presented for your consideration as our proposal for performing core drilling operations on your property near Las Animas, Colorado.

ITEMS:

1. Mobilization and demobilization, each drill rig: Lump sum $500.00

2. Drilling and casing unconsolidated overburden: $7.25 per foot.

3. Diamond Core Drilling:

	NXWL	BXWL
0.0 to 250 feet, per linear foot.	$6.25	$5.90
250 to 500 feet, per linear foot.	6.65	6.25

4. Reaming for casing: $3.00 per foot.

5. Cementing and drilling out cement: $19.00 per hour, plus cost of cement, cement substitutes, drill mud and drill fluid additives.

6. Delays for your convenience, waiting for cement to set during a regular drill shift, drill hole logging, etc.: $14.50 per hour.

7. Casing lost in holes or destroyed through use: List price less 50%. Casing ordered left in place: List price f.o.b. the job site.

8. Cardboard core boxes: $1.00 each f.O.b. the job site.

9. Suitable roads will be furnished and maintained to level drill sites at no cost to Boyles Bros. Drilling Company.

10. To do the work Boyles Bros. will furnish a truck mounted drill rig of suitable design and capacity with all supplies, fittings and accessories. The drill will be operated a minimum of forty-eight hours per week by competent drill crews.

Your interest in Boyles Bros. Drilling Company's services is sincerely appreciated. Should there be any question regarding this or any other project, please call on us at your convenience.

Very truly yours,

BOYLES BROS. DRILLING COMPANY

E.G. Tucker, District Manager

EGT/jr

Proposal

Page No. _____ of _____ Pages

GOLDEN DRILLING COMPANY

Diamond Drilling Contractor
GOLDEN, COLORADO 80402
Phone 279-1371

PROPOSAL SUBMITTED TO:	PHONE:	DATE: October 29, 1969
NAME: ADOLPH HANSEN	JOB NAME: SHANGRALI PURGATORY	
STREET: Rt. #1 - Box 94	STREET: ~~Las Animas County~~ Bent County	
CITY: ~~Las Animas~~ Las Animas	CITY: Las Animas ~~Las Animas~~	STATE: Colorado
STATE: Colorado 81054	ARCHITECT:	DATE OF PLANS:

We hereby submit specifications and estimates for:

Mob and demob		$400.00
Drilling overburden, set first string casing		8.00 per foot
Drilling NX		
Bedrock to 250 feet	5.95 per foot	
250 feet to 500 feet	6.50 per foot	
Drilling overburden, set first string casing		8.00 per foot
Drilling BX		
Bedrock to 250 feet	5.50 per foot	
250 feet to 500 feet	6.00 per foot	
Water truck - $2.50 per month plus 15¢ per mile		
Casing unable to recover, or left by request - cost at jobsite		
Standby as requested and delays caused by others		15.00 per hour
Cardboard core boxes		1.00 each

We hereby propose to furnish labor and materials — complete in accordance with the above specifications, for the sum of:

_____ dollars ($ _____) with payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature J. E. Matthews

NOTE: This proposal may be withdrawn by us if not accepted within 90 days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Accepted: Signature _____

Date _____ Signature _____

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No 72

Spady Brothers CONSTRUCTION

ALVIN SPADY ELK SPADY GORDON MARCUM

ROUTE 2, LAS ANIMAS, COLORADO 81054

Date November 5 196 9

~~SMXXX~~ BID: Adolph Hansen

Address Las Animas
Colorado 81054

	Quantity	Description	Price	Amount
1	1104 ft.	Road Construction,		
2		Watered & Rolled	.75 yd	$6,000.00
3				
4	3/4 Mile	Grade & Blade Road		300.00
5		(All Rocks encountered paid		
6		by hour)		
7				
8	1620 ft	Lay Pad for Irrigation Ditch		2,000.00
9				
10	7	Tubes, 21 Inches X 20 feet		1,050.00
11		in place	$ 7.50 ft.	
12				
13				$ 9,350.00
14				
15		Spady Brothers Construction		
		By Alvin Spady		

PROPOSAL

Valley Concrete Ditch Liners Inc.
P. O. Box 550
Rocky Ford Colo

PROPOSAL SUBMITTED TO:	DESCRIPTION OF JOB:
Adolph Hansen	JOB
8 miles South Las	ADDRESS
Cruces	CITY STATE
Las Cruces Colo	DATE PAGE NO. OF PAGES

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR: approx 350 ft 24"
Concrete ditch @ 2.40 per foot. pad for ditch will be put in by Mr. Hansen free of Rocks that Could Cause damage to the trench if rocks are incountered They will be removed at Mr Hansen expense. all work will done according to S. C. S. Specification and approval

WE HEREBY PROPOSE TO FURNISH LABOR AND MATERIALS COMPLETE IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS, FOR THE SUM OF $ 840 00

WITH PAYMENT TO BE MADE AS FOLLOWS:
Amount due + payable 15 days after Billing date

NOTE: THIS PROPOSAL MAY BE WITHDRAWN BY US IF NOT ACCEPTED WITHIN _____ DAYS.

ALL MATERIAL IS GUARANTEED TO BE AS SPECIFIED. ALL WORK IS TO BE COMPLETED IN A WORKMANLIKE MANNER ACCORDING TO STANDARD PRACTICES. ANY ALTERATION OR DEVIATION FROM ABOVE SPECIFICATIONS INVOLVING EXTRA COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS, AND WILL BECOME AN EXTRA CHARGE OVER AND ABOVE THE ESTIMATE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS OR DELAYS BEYOND OUR CONTROL. OWNER TO CARRY FIRE, TORNADO AND OTHER NECESSARY INSURANCE. OUR WORKERS ARE FULLY COVERED BY WORKMEN'S COMPENSATION INSURANCE.

AUTHORIZED SIGNATURE Frank Coila

ACCEPTANCE OF PROPOSAL

THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS OUTLINED ABOVE.

SIGNATURE _____

DATE ACCEPTED _____ SIGNATURE _____

Form PF-R113 © The Drawing Board Inc., Box 505 Dallas, Texas

Proposal

DILLON & HAYS CONSTRUCTION
RT. #1, BOX 56,
LAS ANIMAS, COLORADO
PHONE 456-0946

PROPOSAL SUBMITTED TO:	PHONE:	DATE: 10-25-69
NAME: Adolph Hanson	JOB NAME: Road construction & surfacing	
STREET: Route #1,	STREET: Your property southwest of	
CITY: Las Animas, Colorado	CITY: Las Animas	STATE: Colo.
STATE:	ARCHITECT:	DATE OF PLANS:

We hereby submit specifications and estimates for: contruction of approximately 1320 ft road base requiring an average fill of 2 (two) feet, blading and shaping an additional 4000 ft., installation of two 24 inch x 40 ft. long corrigated metal pipes for drainage and surfacing with select material approximately 6 inces in depth by 24 ft. wide for the entire lenghh of the project, approximately 1 mile in length.

# 1.	Construction of 1320 ft. x 32 ft. wide road, 2 ft. fill. 3911 cu. yd. fill @ $ .40 cu. yd.	$ 1564.40
# 2.	Blade and shape 4000 ft. road	250.00
# 3.	Furnish and install 80 ft. 24 in. C.M.P. @ $ 10.00 ft.	800.00
# 4.	Haul, spread and blade pit run surfacing (on site material) 2346 cu. yd. @ $ 1.00 cu. yd.	2346.00
	Total	$ 4960.40

We hereby propose to furnish labor and materials — complete in accordance with the above specifications, for the sum of:

dollars ($ 4960.40) with payment to be made as follows:

Lump sum on completion of project.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature Wayne L. Dillon

NOTE: This proposal may be withdrawn by us if not accepted within 60 days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Accepted: Signature

Date Signature

Form 118 — Copyright 1960 New England Business Service, Inc., Townsend, Mass.

Las Animas Colo.
Sept 18, 1969.

Mr J. W. Miller
Ex Vice president
Colorado Bank & Trust Co.
La Junta. Colo.

Gentlemen:
I have found deposits of minerals on my 640 acre farm, 8 miles South West of Las Animas which I have had assayed and would like to do further explaration
I feel it would take approximately $ 900,000 to make an extensive enough test of the area.
I am sure it would be a great advantage to this area to make a thorough explaration of the possibilities.
Would you consider making such a loan to be secured by the real estate and repaid from the findings?

yours truly
Adalph Hansen

UNEXCELLED FACILITIES

THE COLORADO BANK OF LA JUNTA, COLORADO AND TRUST COMPANY

FRIENDLY SERVICE

THE COLORADO BANK & TRUST COMPANY

COMMERCIAL SAVINGS TRUST

R. H. JONES, PRESIDENT AND TRUST OFFICER
J. W. MILLER, EXECUTIVE VICE PRESIDENT
CHARLES O. JONES, ASS'T. VICE PRESIDENT
FLORENCE WILLIAMS, CASHIER
BETTY CHRONISTER, ASSISTANT CASHIER

LA JUNTA, COLORADO 81050

September 22, 1969

Mr. Adolph Hansen
Route 1
Las Animas, Colorado 81054

Dear Mr. Hansen:

We have considered your application for a loan of $200,000 for exploration of minerals on your farm.

Unfortunately this is not the kind of loan that the bank can grant. If we may be of service in the future, please let me know.

Very truly yours,

J. W. Miller
Executive Vice President

sh

Nov. 7, 1969

Mr. Adolph Hansen
Shangrila-Purgatorie Corp.
Las Animas, Colo. 81054

RE: Shangrila-Purgatorie Prospect

Dear Mr. Hansen:

Geologic work connected with your proposed 25,000 ft. of core drilling prospecting would require considerable on the spot core inspection work as well as log correlation, map preparation, ore body shape and size determination, core sampling, surface hole grid pattern layout and surface elevations.

This work could be conducted on a part time basis with renumeration based on $75 per an eight hour day along with all expenses incurred in the course of the work. Total work time should not exceed 25 days for a total cost of $1875 plus expenses.

I have a degree from Colorado School of Mines in Geophysical Engineering. My experience includes ten years exploration work with Mobil Oil Co., eight years of private business experience and at present I am President of the newly formed Bent Minerals Corp.

Yours very truly,

H. E. Blackburn, Jr.

H. E. Blackburn, Jr.

Las Animas Colo.
Sept 18, 1969

Ron Bogner
Vice President
First National Bank of Las Animas.

Dear Sir:
I have found deposits of minerals on my 640 acre farm 8 miles South West of Las Animas Colo, which I have had assayed, and would like to do further explanation.
I feel it would take approximately $200,000 to make an extensive enough test of the area.
I am sure it would be a great advantage to the area to make a thorough explanation of the possibilities.
Would you consider making such a loan to be secured by real estate and repaid from the findings?

Yours truly
Adolph Hansen.

The First National Bank of Las Animas

Las Animas, Colorado 81054

LOUIS N. BOGNER
Assistant Cashier

September 22, 1969

P. O. BOX 270
TELEPHONE 456-1512

Mr. Adolph Hansen
Route 1
Las Animas, Colorado 81054

Dear Mr. Hansen:

We do not feel that we would be able to grant you a loan for $200,000.00 to do further prospecting on your land.

We are sorry that we are unable to grant you this loan, since for one thing we are an agricultural bank and do not understand this type of loan.

Thank you.

Yours truly,

Louis N. Bogner

Vice President

LNB/p

2114 CURTIS STREET

TELEPHONE 623-1852

CHARLES O. PARKER & CO.

CHEMISTS • ASSAYERS • ENGINEERS

DENVER, COLORADO 80205

Folio 8799

Date April 15, 1967.

Adolph Hansen,
Las Animas,
Colorado.

We hereby Certify, that the samples assayed for you gave the following results:

DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT (WET)	LEAD PER CENT (WET)	ZINC PER CENT	IRON PER CENT	INSOLUBLE PER CENT	VALUE PER TON
Sample #2-Sandstone:	0.02	0.06	A concentrate, (heavy mineral) was made from sample #2, concentrating in the ratio of 4.1% of original material, and by Fluorescent Xray Spectrograph shows to contain: Copper, 0.11%; Zinc, 0.18%; Tin, 0.013%; Strontium, 0.068%; Lead, 0.18%; Arsenic, 0.007%; Iron, 4.98%; Barium, 0.045%; Titanium, 1.73%; Zirconium, 2.65%; Columbium, 0.008%; Manganese, 0.067% Lanthanum, 0.024%; Cerium, 0.088%; Praseodymium, 0.016%; Neodymium, 0.027%; Samarium, 0.017%; Gadolinium, 0.047%; Dysprosium, 0.044%; Yttrium, 0.019%;					

All figures represent an estimate of the percentage content of the respective metals.

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit _____

Charge $ 12.50

CHARLES O. PARKER & CO.
CHEMISTS, ASSAYERS and ENGINEERS

LOG AND HISTORY

WELL LOG

Ground Elevation _____

Type Drilling ~~Core test~~

	From	To	Type of Material	Water Loc.	Perf.
1	0	7	Top soil		
	7	15	Shale		
	15	121	Sand stone (sm shale br)		
2	0 2	28	Top soil sand and gravel		
3	0	3	top soil		
	3	123	sand stone (sm shale br's.)		
4	0	5	top soil		
	5	124	sand stone (sm sh brs)		
5	0	53	top soil; sand and gravel		
6	0	19	top soil		
	19	148	sand stone (sm sh brs)		
7	0	2	top soil		
	2	121	sand stone (sm sh brs)		
8	0	41	Top soil sand & gravel		
9	0	3	top soil		
	3	90	Sand stone (sm shale brs.)		

Use additional paper if necessary to complete log and attach.

WELL DATA

Date Started ~~10-5-67~~

Date Completed ~~12-21-57~~

Hole Diameter:

4½ in. from 0 ft. to 70 ft.

_____ in. from _____ ft. to _____ ft.

_____ in. from _____ ft. to _____ ft.

CASING RECORD

Cemented from _____

Plain Casing

Size ___, kind ___ from ___ ft. to ___ ft.

Size ___, kind ___ from ___ ft. to ___ ft.

Size ___, kind ___ from ___ ft. to ___ ft.

Perforated Casing

Size ___, kind ___ from ___ ft. to ___ ft.

Size ___, kind ___ from ___ ft. to ___ ft.

Size ___, kind ___ from ___ ft. to ___ ft.

TEST DATA

Date Tested _____

Type of Pump _____

Length of Test _____

Constant Yield _____

Drawdown _____

PUMP DATA (To be filled in)

Type of Pump _____

Outlet Size _____

Driven by _____

Horsepower _____

WELL DRILLERS STATEMENT

State of Colorado)
County of _____) ss

_____ being duly sworn, deposes and says: he is the driller of the above described well; he has read the above map and statement, knows the content thereof, and the same is true of his own knowledge.

_____

License No. _____

Subscribed and sworn to before me this _____ day of _____, 19___.

My Commission expires _____, 19___.

_____
Notary Public

FORM TO BE MADE OUT IN QUADRUPLICATE:
Original WHITE (both sides) & Triplicate GREEN Copy must be filed with the State Engineer within 30-days after well is completed. Duplicate PINK copy is for the Owner & YELLOW copy for the Driller. WHITE FORM MUST BE AN ORIGINAL COPY ON BOTH SIDES AND SIGNED.

WRJ-25-66
20 M-4S

Index No._____
IDWD_____
Use_____
Registered_____

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER

MAP AND STATEMENT FOR WATER WELL FILING

PERMIT NUMBER_____

Know all men by these presents: That the undersigned_____, claimant(s), whose address is_____, City_____,_____, states: Claimant(s) is (are) the owner(s) of well No._____located as shown on the map below; the total number of acres of land owned by him (them) to be irrigated from this well is_____; work was commenced on this well by actual construction_____day of_____, 19___; the tested capacity of said well is_____(gpm) (cfs), for which claim is hereby made for_____ purposes; that the average annual amount of water to be diverted is_____ acre-ft.; and that the aforementioned statements are made and this map and statement are filed in compliance with the law.

State of Colorado)
County of _____) ss

_____
Claimant(s)

Subscribed and sworn before me this_____day of_____, 19_____.

My Commission expires _____

_____
Notary Public

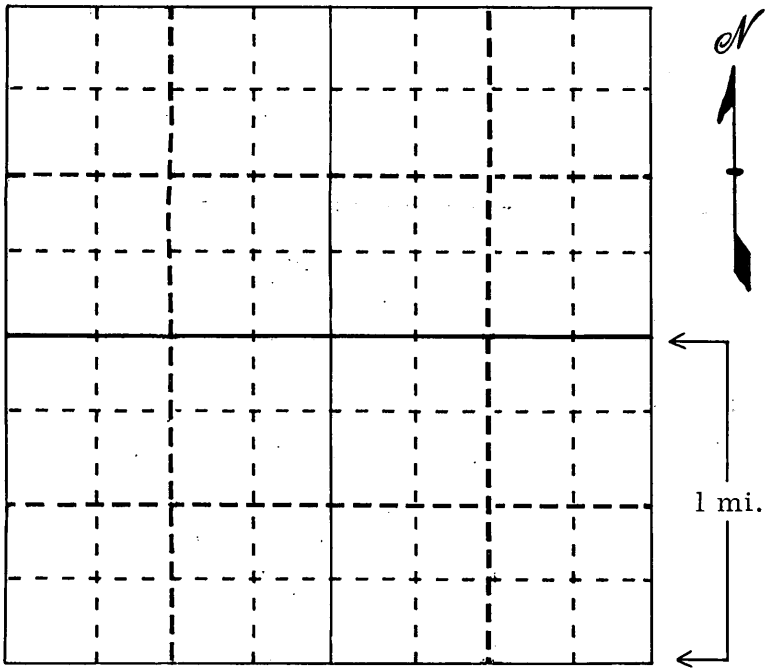
MAP

THE WELL SHALL BE LOCATED WITH REFERENCE TO GOVERNMENT SURVEY CORNERS OR MONUMENTS, OR SECTION LINES BY DISTANCE AND BEARING.

_____ feet from _____ (North or South) section line
_____ feet from _____ (East or West) section line

IF WELL IS FOR IRRIGATION, THE AREA TO BE IRRIGATED MUST BE SHADED OR CROSS-HATCHED.

The square below will be used to indicate the location of the well and the irrigated land.



WELL LOCATION

_____ County

_____1/4_____1/4, sec._____

T._____, R._____,_____P. M.

Ground Water Basin_____
Water Management
District_____

Domestic wells may be located by the following: LOT_____, BLOCK_____

_____SUBDIVISION

ACCEPTED FOR FILING IN THE OFFICE OF THE STATE ENGINEER OF COLORADO ON THIS _____ DAY OF_____, 19____.

_____
State Engineer

2114 CURTIS STREET

TELEPHONE 623-1852

[redacted]

CHEMISTS • ASSAYERS • ENGINEERS

DENVER, COLORADO 80205

Folio 8789

Date March 31, 1967.

Adolph Hansen,
Route 1, Box 94,
Las Animas, Colorado. 81054.

We hereby Certify, that the samples assayed for you gave the following results:

DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT (WET)	LEAD PER CENT (WET)	ZINC PER CENT	IRON PER CENT	INSOLUBLE PER CENT	VALUE PER TON
Percentage of concentrate recovered from sample as submitted:								
Sample No. 1:	2.18%							
Sample No. 2:	3.05%							
Sample No. 3:	1.88%							
Sample No. 4:	2.03%;							

Sample No. 1: By Fluorescent X-ray Spectrograph, and confirmed chemically to contain: Copper, 0.088%; Zinc, 0.011%; Tin, 0.009%; Lead, 0.020%; Arsenic, 0.006%; Iron, 3.8%; Barium, 0.17%; Strontium, 0.038%; Titanium, 0.45%; Zirconium, 0.91%; Columbium, 0.009%; Manganese, 0.046% Lanthanum, 0.009%; Cerium, 0.022%; Praseodymium, 0.01% Neodymium, 0.021%; Samarium, 0.006%; Gadolinium, 0.024% Dysprosium, 0.024%; Yttrium, 0.012%.

Sample No. 2: By Fluorescent X-ray Spectrograph, and confirmed chemically to contain: Copper, 0.028%; Zinc, 0.007%; Tin, 0.010%; Lead, 0.019%; Arsenic, 0.003%; Iron, 2.7% Barium, 0.13%; Strontium, 0.029%; Titanium, 0.76%; Zirconium, 0.88%; Columbium, 0.010%; Manganese, 0.055%; Lanthanum, 0.018%; Cerium, 0.028%; Praseodymium, 0.017% Neodymium, 0.018%; Samarium, 0.018%; Gadolinium, 0.019% Dysprosium, 0.022%; Yttrium, 0.011%;

Sample No. 3: By Fluorescent X-ray Spectrograph, and confirmed chemically to contain: Copper, 0.017%; Zinc, 0.021%; Tin, 0.018%; Lead, 0.031%; Arsenic, 0.009%; Iron, 4.9% Barium, 0.23%; Strontium, 0.044%; Titanium, 2.17%; Zirconium, 1.88%; Columbium, 0.029%; Manganese, 0.05%; Lanthanum, 0.021%; Cerium, 0.048%; Praseodymium, 0.027%; Neodymium, 0.039%; Samarium, 0.016%; Gadolinium, 0.047% Dysprosium, 0.055%; Yttrium, 0.028%.

Sample No. 4: By Fluorescent X-ray Spectrograph, and confirmed chemically to contain: Copper, 0.066%; Zinc, 0.019%; Tin, 0.007%; Lead, 0.022%; Arsenic, 0.005%; Iron, 37% Barium, 0.019%; Strontium, 0.041%; Titanium, 0.97%; Zirconium, 0.98%; Columbium, 0.011%; Manganese, 0.066%; Lanthanum, 0.012%; Cerium, 0.032%; Praseodymium, 0.008% Dysprosium, 0.027%; Yttrium, 0.019%.

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit _____

Charge $ _____

CHARLES O. PARKER & CO.

CHEMISTS, ASSAYERS and ENGINEERS

2114 CURTIS STREET

TELEPHONE 623-1852

CHEMISTS • ASSAYERS • ENGINEERS

DENVER, COLORADO 80205

Folio 8789

Adolph Hansen -2-

Date March 31, 1967.

We hereby Certify, that the samples assayed for you gave the following results:

DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT (WET)	LEAD PER CENT (WET)	ZINC PER CENT	IRON PER CENT	INSOLUBLE PER CENT	VALUE PER TON
	Percentage of concentrate recovered from sample as submitted:							
Sample No. 5:		2.12%	By Fluorescent X-ray Spectrograph and confirmed by chemical methods: Copper, 0.023%; Zinc, 0.015%; Tin, 0.017%; Lead, 0.023%; Arsenic, 0.007%; Iron, 3.3%; Barium, 0.19%; Strontium, 0.041%; Titanium, 0.49%; Zirconium, 0.90%; Columbium, 0.016%; Manganese, 0.055%; Lanthanum, 0.016%; Cerium, 0.027%; Praseodymium, 0.004%; Neodymium, 0.027%; Samarium, 007%; Gadolinium, 0.043%; Dysprosium, 0.033%; Yttrium, 0.013%.					
Coarse rock in container;		4.72%	By Fluorescent X-ray Spectrograph and confirmed chemically to contain: Copper, 0.077%; Zinc, 0.038%; Tin, 0.048%; Lead, 0.066%; Arsenic, 0.010%; Iron, 6.3 Barium, 0.33%; Strontium, 0.054%; Titanium, 1.76%; Zirconium, 2.17%; Columbium, 0.034%; Manganese, 0.09%; Lanthanum, 0.037%; Cerium, 0.042%; Praseodymium, 0.04 Neodymium, 0.067%; Samarium, 0.19%; Gadolinium, 0.066 Dysprosium, 0.078%; Yttrium, 0.041%.					

All figures after the metal reported represents an estimate of the percentage content of the respective metal.

A composite of the above six samples were tested and found to contain negligible quantities of gold and silver, conventionally reported as traces.

COP

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit _____

Charge $ paid.

CHARLES O. PARKER & CO.

CHEMISTS, ASSAYERS and ENGINEERS

2114 CURTIS STREET

TELEPHONE 623-1852

CHARLES O. PARKER & CO.

CHEMISTS • ASSAYERS • ENGINEERS

DENVER, COLORADO 80205

Folio 9017

Adolph Hansen -3- Date January 23, 1968.

We hereby Certify, that the samples assayed for you gave the following results:

DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT (WET)	LEAD PER CENT (WET)	ZINC PER CENT	IRON PER CENT	INSOLUBLE PER CENT	VALUE PER TON

Composite Hole No. 1 shows by Fluorescent X-ray Spectrograph: Copper, 0.002%; Zinc, 0.003%; Iron, 1.4%; Rubidium, 0.008%; Barium, 0.028%; Strontium, 0.004%; Titanium, 0.26%; Zirconium, 0.048%; Uranium, 0.009%; (equivalent to 0.011% U308); Manganese, 0.015%; Yttrium, 0.005%; " " " 0.22#/ton

Composite Hole No. 2 shows by Fluorescent X-ray Spectrograph: Copper, 0.003%; Barium, 0.010%; Zinc, 0.006%; Iron, 0.74%; Rubidium, 0.005%; Strontium, 0.004%; Titanium, 0.15%; Zirconium, 0.22%; Uranium, 0.005, (equivalent to U308: 0.006%); Manganese, 0.008%; Yttrium, 0.001%. " " " " 0.12#/ton.

Composite Hole No. 3 shows by Fluoresent X-ray Spectrograph: Copper, 0.001%; Zinc, 0.005%; Iron, 1.7%; Rubidium, 0.006%; Barium, 0.037%; Strontium, 0.006%; Titanium, 0.19%; Zirconium, 0.045%; Manganese, 0.021%; Yttrium, 0.005%.

COMPOSITE Hole No. 4 shows by Fluorescent X-ray Spectrograph: Copper, 0.007%; Zinc, 0.005%; Iron, 1.5%; Rubidium, 0.008%; Nickel, 0.001%; Barium, 0.029%; Strontium, 0.006%; Titanium, 0.28%; Zirconium, 0.042%; Manganese, 0.032%; Yttrium, 0.005%.

Composite Hole No. 5 shows by Fluoresecnt X-ray Spectrograph: Copper, 0.004%; Zinc, 0.005%; Lead, 0.010%; Iron, 1.6%; Nickel, 0.002%; Rubidium, 0.012%; Barium, 0.013%; Strontium, 0.013%; Titanium, 0.20%; Zirconium, 0.044%; Uranium, 0.006% (equivalent to 0.007% U308); Manganese, 0.023%; Yttrium, 0.002%.

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit

Charge $ 205.00

CHARLES O. PARKER & CO.

CHEMISTS, ASSAYERS and ENGINEERS

PROPOSED DRILLING PROGRAM

The surface rocks on the Hansen farm and ranch are mostly Dakota sandstone or soils covering Dakota sandstone except near the Purgatorie river where the channel in its meandering back and forth has uncovered the Purgatorie formation.

In the six holes drilled in 1967 and 1968, mineralization was found in the Purgatorie formation. This mineralization consisted of compounds containing most of the rare earths, zirconium and traces of gold and silver as shown by the assays. Uranium was also present and is presumed to have come from the Morrison formation where those holes were deep enough to penetrate the Morrison sediments.

Therefore, it would seem advisable to set up a drilling program that would program holes deep enough to test the Purgatorie formation and penetrate at lease 150 feet into the Morrison formation. This would mean that holes should be drilled anywhere from 250 feet to 300 feet depth for and adequate test.

A proposed grid has been set up, as shown by the attached map. The grid was made by starting on the north end of the prospect and laying off 330 ft. intervals to the south with each interval labeled A, B, C, D, etc. A similar grid was established in an east-west direction across the prospect with the intervals labeled 1, 2, 3, etc. Thus a drill location can be located by its unique combination of letter and number, for example, C-12.

The initial proposed drilling program, as shown by the attached map, has been set up on 40 acre spacing. This would consist of 13 holes approximately 275 feet in depth for a total footage of 3,575 feet. Should the results from any one of the holes prove encouraging, detail drilling can be programmed in those areas using the established grid.

W. E. Blackburn, Jr.
Geologist

SOILS

A6-A-1	LAS CLAY LOAM	0-1% Slope
A5-A-1, A9-A-1, A51-A-1	BANKARD SOILS (LOAMY SANDS)	0-1% Slope
C71-2B-1	MINNEQUA LOAM	1-3% Slope
J34-A-1	GLENBERG SANDY LOAM	0-1% Slope
J9-BD-1	CASCAJO SOILS GRAVELLY LAND	3-5% Sl
P4-BC-1	TIVOLI SAND	2-3% Slo
M11-2B-1	BACA SILT LOAM	1-2% Slope
M1-C-1, XM1-BD-1	TRAVESSILLA-OLNEY SANDY LOAMS	1-5% Slope
M12-C-1	KIM LOAM	1-5% Slope
S12-A-1	ROCKY FORD CLAY LOAM	0-1% Slope
S12-2B-1	ROCKY FORD CLAY LOAM	1-2% "
T63-A-1	ROCKY FORD CLAY LOAM	0-1% "

T6-A-1
T61-A-1 } COLBY SILT LOAM 0-1% SLOPE

T66-A-1 COLBY FINE SANDY LOAM 0-1% SLOPE

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 203

OFFICIAL COPY
O. M. E.
RECEIVED
APR 16 1968

INITIALS	CODE

April 12, 1968

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: Adolph and Iva Hansen (Uranium, Gold, Silver and others)
Hansen Farm property
Bent County, Colorado

Transmitted herein is an application submitted by Adolph and Iva Hansen for federal assistance to explore their property near Las Animas, Colorado for uranium gold, silver and other valuable commodities. Insofar as is determinable the application is filled out to the best of the applicant's ability.

James L. Giustini
for J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

MME Form 40
Jan. 65

Budget Bureau No. 42-R1508
Approval expires Dec. 31, 1968

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85-701 (72 Stat. 700; 30 U.S.C. 641)

OFFICIAL COPY
MAR 16 1968
INITIALS | CODE

NAME OF APPLICANT *(Full legal name and mailing address as they should appear on contract if one is executed)*

ADOLPH HANSEN and IVA HANSEN
Route #1, Box 94
Las Animas, Colorado 81054

OME Region III
RECEIVED
APR 5 - 1968
Denver, Colorado

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6713
DATE RECEIVED: 4-16-68
REGION: III
DIVISION CODE:

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL	X
CORPORATION	
PARTNERSHIP	
OTHER *(Specify)*	

STATE IN WHICH FIRM IS ORGANIZED:

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Uranium, Gold, Silver and others

ESTIMATED COST OF PROJECT: $ 113,000.00

PROPERTY NAME	LOCATION COUNTY	STATE
Hansen Farm	Bent County,	Colorado

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior,* ~~Washington 25, D. C., or with the OME Field Office.~~ Washington, D. C., 20242, or with the nearest OME Field Office.

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, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

March 25, 1968
DATED

Adolph Hansen
Iva Hansen
BY *(Signature)*

Owners
TITLE

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include true copies of correspondence which show: (1) date of loan request, (2) amount and terms requested, (3) proposed use of loan funds, and (4) the replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the cost of the exploration work.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MME Form 52. If the agreements cannot be obtained, state reasons and provide copies of letters of refusal.

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a).

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades and sampling methods used. Support your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property, state name and address of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of open[illegible] *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *land boundaries* or to the closest identifiable corner.

(b) If an access road must be built, show the proposed location on the property map and state the length, type and construction methods proposed.

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and cost of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i.e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration work, stating specifications and cost including labor, materials, and supervision.

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(e). Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories. [*Note*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof, (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

INT.-DUP. SEC., WASH., D.C

1. Financial Eligibility:

(a) See letters from Banks, Exhibits "A" and "B".
(b) None
(c) Plan to lease operations to major company for development work. Contacts have been made with a large producer and it is very interested.

2. Applicant's Rights in Land:

(a) Fee Owner - Adolph and Iva Hansen, Owners of both Surface and all Minerals. No leases of any nature whatsoever.
(b) W½SW¼, NE¼SW¼, NW¼SE¼ of Section 5;
SE¼, SE¼NE¼ of Section 6;
E½NW¼, W½NE¼, NE¼NE¼, NE¼SW¼, W½NW¼SE¼ of Section 7;
W½ NW¼NW¼ of Section 8; all in Township 24 South, Range 52, West of the Sixth Principal Meridian, 640 Acres, more or less. 350 Shares of Highland Irrigation Company Water. All of above land in Bent County, Colorado.
(c) (1) Federal Land Bank of Wichita;
(2) Farmers Home Administration, Bent County, Colorado;
(3) Deed of Trust to La Junta Production Credit Association of La Junta, Colorado

3. Physical Description:

(a) No present workings or mining operation upon the land. With regard to exploration operations, applicants have drilled, at their own expense, six (6) Test holes to a depth of approximately 110 Feet each. Location ofproperty and of approximate sites of test holes so drilled are shown by the accompanying Plat, marked as Exhibit "C".
(b) Test holes were drilled at applicant's sole expense and applicants own entire interest in the result.
(c) None
(d) Assay Certificates from Charles O. Parker & Co. 2114 Curtis Street, Denver, Colorado 80205, as follows:

Date:	Folio:
January 23, 1968	9017
January 25, 1968	9016-9017
June 8, 1967	8835

(e) Deposits were discovered by drilling a 2 inch core by a driller employed for that purpose. Test holes are all on dryland, and rocks crop out of the ground. Gently sloping from West to East toward Purgatorie River. Uranium was found at approximately 100 feet, and applicants feel that beyond that level the ground should be tested further. Applicants feel the minerals can be developed by strip or open pit mining. Minerals as shown on the Assay Certificates above mentioned were found.
(f) See Assay Certificate hereto attached.
(g) See maps and Assay Certificates attached.

4. Accessibility of property:

(a)Adolph Hansen, Route #1, Box 94, Las Animas, Colorado, Telephone 456-0919 will help representative inspect property. Property is easily accessable by county road 8 miles Southwest of Las Animas, Colorado.
(b) Las Animas, Colorado - eight (8) miles distant from property.

5. Exploration Work:

(a) Applicants propose to drill more test holes all over their property. Applicants have tested property with electronic M-Scope Machine from Fisher Laboratories, Pala Alto, California which tests minerals 8 to 10 feet Deep and it shows minerals all over the 640 Acres owned by applicants. Applicants want to explore further by drilling core drills of 2 inch diameter to at least 200 feet depth to test, especially for uranium.

Accompanying maps show the test holes already drilled, with identifiable corners. No previous, former or existing workings on or nearby property.

CARL M. SHINN
ATTORNEY AT LAW
REYHER BUILDING
222½ SOUTH MAIN ST.
LAMAR, COLORADO
DONALD W. HULL
ASSOCIATE
File No. 1485

(b) Existing road is adequate for inspection and further exploration work. It will have to be enlarged for heavy equipment in the development stage.

(c) Core test holes can be started immediately. Applicants feel that adequate testing to finally prove property can be completed in 2 weeks to a month after loan is approved. Driller can average drilling 3 holes per week to a depth of 200 feet. Applicants feel that drilling will be continual for adequate exploration ofproperty. Applicants have been advised to core drill test holes at a distance of not to exceed approximately 30 feet a part in order to properly develop property.

6. Experience:

Applicants have had very limited experience, but propose to engage the services of Carroll Mc Cormick from Pritchett, Colorado, who has had experience core drilling for uranium exploration in fi ve states, over a period of several years.

7. Estimate of Costs:

(a) Drilling 150 Test holes @ 2.00 per foot, depth 200 Feet $400.00 per hole	$60,000.00
Assaying 150 Cores at 10.00 per 10 Foot Core, depth 200 feet, $200.00 per core	30,000.00
Engineering and Geologists	18,000.00
Transportation	2,500.00
Miscellaneous, Telephone, Telegraph, Record Keeping	2,500.00
TOTAL:	$113,000.00

CARL M. SHINN
ATTORNEY AT LAW
REYHER BUILDING
222½ SOUTH MAIN ST.
LAMAR, COLORADO
DONALD W. HULL
ASSOCIATE

File No. 1485

2114 CURTIS STREET

TELEPHONE 623-1852

CHARLES O. PARKER & CO.

CHEMISTS • ASSAYERS • ENGINEERS

DENVER, COLORADO 80205

Folio 9017

Date January 25, 1968.

Adolph Hansen,
Route 1, Box 94,
Las Animas, Colorado.

We hereby Certify, that the samples assayed for you gave the following results:

DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT (WET)	LEAD PER CENT (WET)	ZINC PER CENT	IRON PER CENT	INSOLUBLE PER CENT	VALUE PER TON
Hole No. 4 - 90'-100'	0.01	0.09						
100'-110'	0.003	0.10						
110'-120'	0.003	0.06						
120'-130'	0.003	0.06						
130' - 140'	0.005	0.06						
140'-149'	0.005	0.18						
Hole No. 5 - 10'-20'	0.01	0.08						
20'-30'	0.005	0.12						
30'-40'	0.02	0.32						
40'-50'	0.005	0.14						
50'-60'	TRACE	0.04						
60'-70'	0.005	0.20						
70'-80'	0.005	0.12						
80'-90'	0.005	0.20						
90'-100'	0.005	0.10						
100'-110'	TRACE	TRACE						
110'-120'	TRACE	0.18						
Hole No. 6 - 15'-20'	0.005	0.10						
20'-30'	0.003	0.10						
30'-40'	0.003	0.36						
40'-50'	0.003	0.62						
50'-60'	0.003	0.30						
60'-70'	0.005	0.20						
70'-80'	0.003	0.12						
80'-90'	0.005	0.16						
90'-100'	0.005	0.30						

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit _____

Charge $ _____

CHARLES O. PARKER & CO.
CHEMISTS, ASSAYERS and ENGINEERS

2114 CURTIS STREET

TELEPHONE 623-1852

CHARLES O. PARKER & CO.

CHEMISTS • ASSAYERS • ENGINEERS

DENVER, COLORADO 80205

Folio 9016

Date January 25, 1968.

Adolph Hansen,
Route 1, Box 94,
Las Animas, Colorado.

We hereby Certify, that the samples assayed for you gave the following results:

DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT (WET)	LEAD PER CENT (WET)	ZINC PER CENT	IRON PER CENT	INSOLUBLE PER CENT	VALUE PER TON
Hole No. 1 - 25'-35'	0.03	0.04						
35'-45'	0.02	0.04						
45'-55'	0.015	0.03						
55'-65'	0.01	0.10						
65'-75'	0.01	0.09						
80'-90'	0.02	0.04						
90'-100'	0.01	0.13						
Hole No. 2 - 5'-15'	0.01	0.07						
15'-25'	0.01	0.04						
25'-35'	0.02	0.04						
35'-45'	0.01	TRACE						
45'-55'	0.02	0.08						
55'-65'	0.005	0.10						
65'-75'	0.005	0.04						
75'-85'	0.005	0.10						
95'-105'	0.01	0.09						
105'-120'	0.01	0.11						
Hole No. 3 - 30'-40'	0.01	0.04						
40'-50'	0.02	0.18						
50'-60'	0.005	TRACE						
60'-70'	0.005	TRACE						
80'-90'	0.005	0.10						
90'-100'	0.003	0.04						
100'-109'	0.003	TRACE						
111'-124'	0.01	0.03						
Hole No. 4 - 20'-30'	0.003	TRACE						
30'-40'	0.003	0.04						
40'-50'	0.005	0.04 (0.04)						
50'-60'	0.005	0.06						
60'-70'	0.003	TRACE						
70'-80'	0.005	0.04						
80'-90'	0.005	0.06						

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit

Charge $ _____

CHARLES O. PARKER & CO.

CHEMISTS, ASSAYERS and ENGINEERS

2114 CURTIS STREET

TELEPHONE 623-1852

CHARLES O. PARKER & CO.

CHEMISTS • ASSAYERS • ENGINEERS

DENVER, COLORADO 80205

Folio 8835

Adolph Hansen.

Date June 8, 1967.

We hereby Certify, that the samples assayed for you gave the following results:

DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT (WET)	LEAD PER CENT (WET)	ZINC PER CENT	IRON PER CENT	INSOLUBLE PER CENT	VALUE PER TON
Black Rock	0.005	0.98						
Core	TRACE	TRACE						

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit

Charge $ 5.00

CHARLES O. PARKER & CO.

CHEMISTS, ASSAYERS and ENGINEERS

2114 CURTIS STREET

TELEPHONE 623-1852

CHARLES O. PARKER & CO.

CHEMISTS • ASSAYERS • ENGINEERS

DENVER, COLORADO 80205

Folio 9017

Adolph Hansen -3-

Date January 23, 1968.

We hereby Certify, that the samples assayed for you gave the following results:

DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT (WET)	LEAD PER CENT (WET)	ZINC PER CENT	IRON PER CENT	INSOLUBLE PER CENT	VALUE PER TON

Composite Hole No. 1 shows by Fluorescent X-ray Spectrograph: Copper, 0.002%; Zinc, 0.003%; Iron, 1.4%; Rubidium, 0.008%; Barium, 0.028%; Strontium, 0.004%; Titanium, 0.26%; Zirconium, 0.048%; Uranium, 0.009%; (equivalent to 0.011% U3O8); Manganese, 0.015%; Yttrium, 0.005%;

Composite Hole No. 2 shows by Fluorescent X-ray Spectrograph: Copper, 0.003%; Barium, 0.010%; Zinc, 0.006%; Iron, 0.74%; Rubidium, 0.005%; Strontium, 0.004%; Titanium, 0.15%; Zirconium, 0.22%; Uranium, 0.005, (equivalent to U3O8: 0.006%); Manganese, 0.008%; Yttrium, 0.001%.

Composite Hole No. 3 shows by Fluorescent X-ray Spectrograph: Copper, 0.001%; Zinc, 0.005%; Iron, 1.7%; Rubidium, 0.006%; Barium, 0.037%; Strontium, 0.008%; Titanium, 0.19%; Zirconium, 0.045%; Manganese, 0.021%; Yttrium, 0.005%.

COMPOSITE Hole No. 4 shows by Fluorescent X-ray Spectrograph: Copper, 0.007%; Zinc, 0.005%; Iron, 1.5%; Rubidium, 0.008%; Nickel, 0.001%; Barium, 0.029%; Strontium, 0.006%; Titanium, 0.28%; Zirconium, 0.042%; Manganese, 0.032%; Yttrium, 0.005%.

Composite Hole No. 5 shows by Fluorescent X-ray Spectrograph: Copper, 0.004%; Zinc, 0.005%; Lead, 0.010%; Iron, 1.6%; Nickel, 0.002%; Rubidium, 0.012%; Barium, 0.013%; Strontium, 0.013%; Titanium, 0.20%; Zirconium, 0.044%; Uranium, 0.006% (equivalent 0.007% U3O8); Manganese, 0.023%; Yttrium, 0.002%.

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit _____

Charge $ 205.00

CHARLES O. PARKER & CO.

CHEMISTS, ASSAYERS and ENGINEERS

The First National Bank of Las Animas

Las Animas, Colorado 81054

JOE W. PURVIS
President

March 22, 1968

P. O. BOX 270
TELEPHONE 456-1512

J. William Hassler, Field Officer Region III
Office of Mineral Exploration
U. S. Geologica Survey
Denver Federal Center, Bldg. 25, Room 2284
Denver, Colorado 80225

Dear Sir:

Mr. Adolph Hansen has applied to us for a loan in the amount of $100,000.00 to do further prospecting on his land near our city. We feel that we would be unable to grant the loan for two reasons:

1. Mr. Hansen would be unable to offer sufficient collateral so that we would be able to grant the loan and disregard the mining potential.

2. We live in an agricultural and livestock area and have no basis or experience for properly evaluating a mining loan.

Mr. Hansen has lived here in our community for many years and is one of our more progressive citizens. Any assistance you are able to give him would certainly be appreciated by the people of our area.

Very truly yours,

Joe W. Purvis

President

JWP/p

UNEXCELLED FACILITIES

THE COLORADO BANK OF LA JUNTA, COLORADO AND TRUST COMPANY

FRIENDLY SERVICE

THE COLORADO BANK & TRUST COMPANY

COMMERCIAL SAVINGS TRUST

J. H. MACDONALD, PRESIDENT
R. H. JONES, EXECUTIVE VICE PRESIDENT AND TRUST OFFICER
J. W. MILLER, VICE PRESIDENT AND CASHIER
CHARLES O. JONES, ASS'T. VICE PRESIDENT
FLORENCE H. WILLIAMS, ASS'T CASHIER

LA JUNTA, COLORADO 81050

March 22, 1968

Mr. Adolph Hansen
Route 1
Las Animas, Colorado 81054

Dear Mr. Hansen:

We have considered your application for a loan of $100,000 for exploration of minerals on your farm.

Unfortunately this is not the kind of loan that the bank can grant. If we may be of service in the future, please let me know.

Very truly yours,

R. H. Jones
Executive Vice President

sh

FEDERAL LAND BANK ASSOCIATION
BOX 453
LAMAR, COLORADO 81052

March 26, 1968

ADOLPH HANSEN and IVAH MAE HANSEN

Federal Land Bank Loan #326700 - 847-C

Total Amount of Loan		$ 44,500.00
Balance Not Due		41,804.00
Delinquent Payments	$7,346.53	
Plus Penalty Interest to 3-26-68	363.79	7,710.32
445 Shares Federal Land Bank Stock		2,225.00

Federal Land Bank Mortgage recorded in Book 308, Page 47, Bent County, Colorado records.

COPY

Edgar A. Ford
EDGAR A. FORD
Manager

EAF:vr

PROPOSED DRILLING PROGRAM

Geology and Proposed Drill Grid

The surface rocks on the Hansen farm and ranch are mostly Dakota sandstone or soils covering Dakota sandstone except near the Purgatorie river where the channel in its meandering back and forth has uncovered the Purgatorie formation.

In the six holes drilled in 1967 and 1968, mineralization was found in the Purgatorie formation. This mineralization consisted of compounds containing most of the rare earths, zirconium and traces of gold and silver as shown by the assays. Uranium was also present and is presumed to have come from the Morrison formation where those holes were deep enouth to penetrate the Morrison sediments.

Therefore, it would seem advisable to set up a drilling program that would program holes deep enough to test the Purgatorie formation and penetrate at least 150 feet into the Morrison formation. This would mean that holes should be drilled anywhere from 250 feet to 300 feet depth for an adequate test.

A proposed grid has been set up, as shown by the attached map. The grid was made by starting on the north end of the prospect and laying off 330 ft. intervals to the south with each interval labeled A, B, C, D, etc. A similar grid was established in an east-west direction across the prospect with the intervals labeled 1, 2, 3, 4, etc. Thus a drill location can be located by its unique combination of letter and number, for example, C-12.

The initial proposed drilling program, as shown by the attached map, has been set up on 40 acre spacing. This would consist of 13 holes approximately 275 feet in depth for a total footage of 3,575 feet. Should the results from any one of the holes prove encouraging, detail drilling can be programmed in those areas using the established grid.

UNITED STATES DEPARTMENT OF AGRICULTURE
FARMERS HOME ADMINISTRATION

Las Animas, Colorado

March 25, 1968

Adolph F. Hansen
Rt. 1 Box 94
Las Animas, Colorado 81054

Dear Mr. Hansen:

As per your request, the following is a list of amounts owed Farmers Home Administration by you, principal and interest. The interest is as of September 12, 1968.

Interest	$ 3451.17
Principal	26058.19
Total	$29509.36

Sincerely yours,

Cedric C. Totten
County Supervisor, FHA

~~STATEMENT~~

Bid Estimate

LAS ANIMAS, COLORADO, 3-26, 1968

To: Adolph Hansen

~~IN ACCOUNT WITH~~

HOWERTON WATER WELLS

DRILLING - REPAIRING - TEST HOLES - SHOT HOLES

TELEPHONE 456-1113 / 714 POPLAR AVENUE

Core	Drilling approximate 200' 2.25/ft.	$450.00	

Howard T. Howerton

Baca Drilling Company

C. L. McCormick

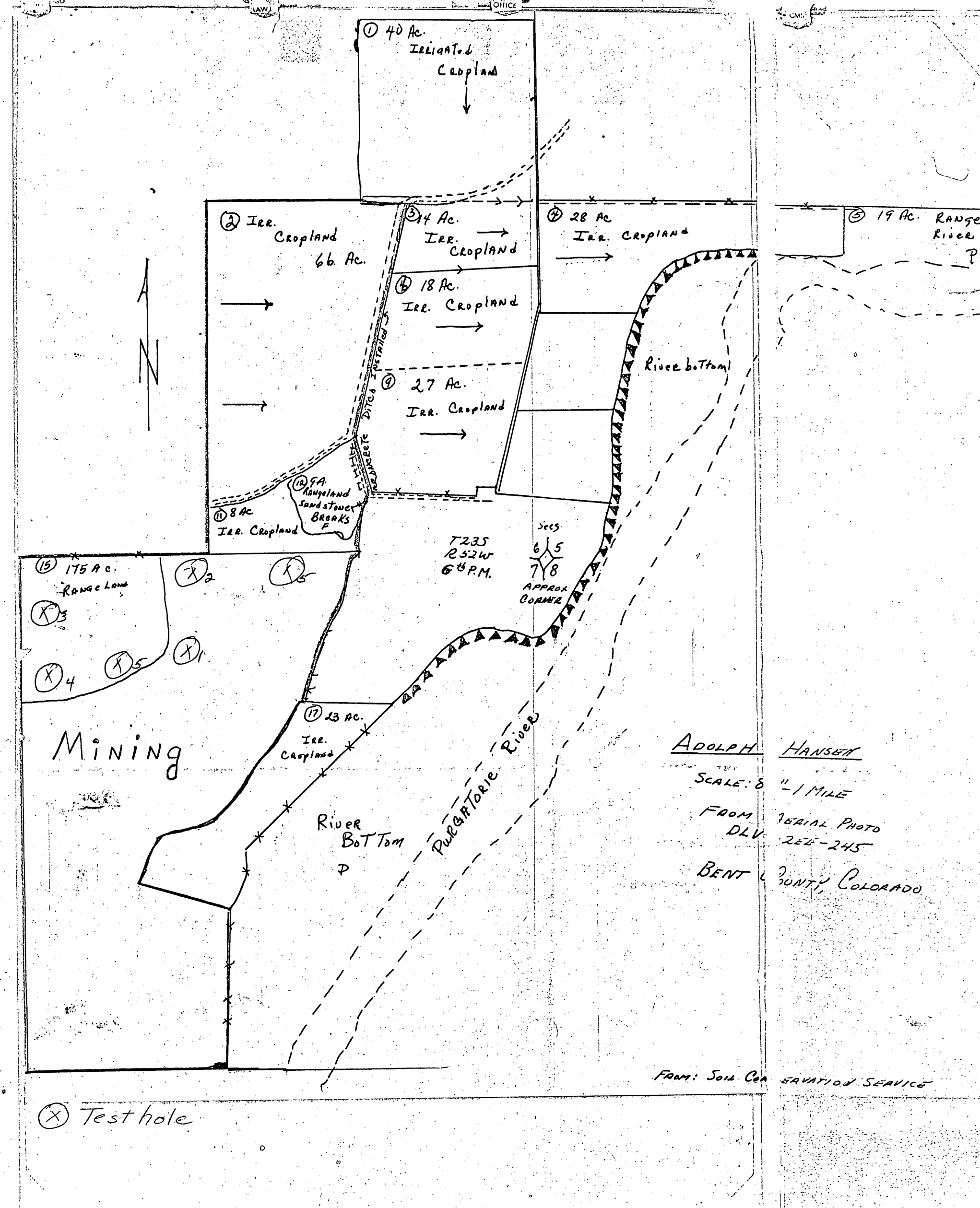
Pritchett, Colo. Phone 2811 Box 171

March 22 1968

To: Adolf Hansen

Las Animas, Colo.

Items		Amount
	Aid on Exploratory Drilling	
Well	Test hole 4½" per ft.	$ .50
Casing	Cordrilling 2" Core per ft.	$2 00
Mill		
Tower		
Pipe	Carl L. McCormick	
Jet Rod	March 22, 1968	
Other		
	Total	


① 40 Ac.
Irrigated
Cropland
② Irr.
Cropland
66 Ac.
③ 14 Ac.
Irr.
Cropland
④ 28 Ac
Irr. Cropland
⑤ 19 Ac. Range
River
⑥ 18 Ac.
Irr. Cropland
⑨ 27 Ac.
Irr. Cropland
Ditch Installed
Concrete
River bottom
⑫ 9 A.
Rangeland
Sandstone
Breaks
⑪ 8 Ac
Irr. Cropland
T23S
R52W
6th P.M.
Secs
6 5
7 8
Approx
Corner
⑮ 175 Ac.
Range Land
Mining
⑰ 23 Ac.
Irr.
Cropland
River
Bottom
Purgatorie River
Adolph Hansen
Scale: 8 "/1 Mile
From Aerial Photo
DLV 2EE-245
Bent County, Colorado
From: Soil Conservation Service
Test hole

EDMUND E. PHILLIPS, VICE-PRES. - GEN. MGR.

M. E. PHILLIPS, SECRETARY

THE COLORADO ASSAYING COMPANY

(Incorporated)

ASSAYERS AND CHEMISTS

2244 BROADWAY

DENVER, COLO. 80201

OUR MOTTO: — *"What there is in it, no more, no less."*

March 27, 1968

Mr. J. William Hasler, Field Officer, Region III
Office of Mineral Exploration - U. S. Geological Survey,
Denver Federal Center, Building 53, Rooms 200-201
Denver, Colorado.

Subject: BID

Dear Sir:

On behalf of Mr. Adolph Hansen, Rte. #1, Box #94, Las Animas, Colorado we submit the following bid on Assaying of approximately 3,000 core samples: Mr. Hansen was interested in various determinations and analyses, as listed. Rates shown are per each sample.

Sample preparation (grinding) per each sample 2 pounds or less in size - - - - - - - - - - - - - - - - - - -	$0.50
for each pound in excess of 2 pounds - - - - - - - -	0.10 per pound
Uranium Oxide (U_3O_8) by X-ray - semi-quantitative - -	$3.00
Uranium Oxide (U_3O_8) percentage chemical assay = = - -	$7.50
Gold and Silver assay (same sample) - - - - - - - - - - -	$3.50
Spectrographic Analysis, general, semi-quantitative, for detection of nearly all metals present - -	$10.00

These rates will be in effect for one year, or for duration of project through 21 months.

Respectfully submitted,

THE COLORADO ASSAYING COMPANY

BY Edmund E. Phillips

EDMUND E. PHILLIPS, VICE-PRES. - GEN. MGR.

M. E. PHILLIPS, SECRETARY

THE COLORADO ASSAYING COMPANY

(Incorporated)

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Gold and Silver assay (same sample) - - - - - - - - - -	$3.50
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These rates will be in effect for one year, or for duration of project through 21 months.

Respectfully submitted,

THE COLORADO ASSAYING COMPANY

BY Edmund E. Phillips

TELEPHONE MAIN 3-1852
2114 CURTIS STREET
DENVER 5, COLORADO

March 27, 1968.

Mr. Adolph Hansen,
Route 1, Box 94,
Las Animas, Colorado. 81054

Dear Mr. Hansen:

I wish to quote a price of $1.50 per sample on quantity samples for both gold and silver, per sample. When both gold and silver are to be assayed on each sample, the price is $2.50 per sample. A charge of $10.00 per sample is quoted on Fluorescent X-ray Spectrographic examination.

Very truly yours,

CHARLES O. PARKER & CO.,

Charles O. Parker

CP-a

Las Animas, Colorado
March 20, 1968

Colorado Bank & Trust Company
La Junta, Colorado

Attention of Mr. McDonald, Pres.:

Dear Mr. McDonald:

I have had several assays of some of the sand rock on my farm south of Las Animas, Colorado in Bent County.

The assays appear quite favorable for zirconium, titanium, silver and gold and other minerals and rare earths.

I need $100,000.00 for exploration, particularly for core drilling and sampling. I feel that the rock carries enough percentage of minerals to pay very well in production and will be glad to show you the assays.

I would appreciate your lending this amount for the preliminary exploration, to be paid from production royalties.

If the samples from the core drilling are even measurably favorable, the Office of Mining Exploration will loan one-half of such amount as may be required for intensive core drilling analysis. If silver is present in enough quantity, the Office of Mining Exploration will participate 75%.

Yours sincerely,

Adolph Hansen
Irah Hansen

Adolph Hansen
Route #1
Las Animas, Colorado
81054

Route #1
Las Animas, Colorado
March 20, 1968

First National Bank
Las Animas, Colorado

Attention of Mr. Joe Purvis:

Dear Mr. Purvis,

I have had several assays made of some of the sand rock on my farm south of Las Animas, Colorado in Bent County.

The assays appear very favorable in silver, gold, uranium and other minerals.

I need $100,000.00 for exploration, particularly for core sampling. I feel that the rock carries enough percentage of minerals to pay very well in production.

I would appreciate your lending this amount for the exploration, to be paid from royalties from sale of the ore.

If the samples from the cores are even measurably favorable, the Office of Mining Exploration will loan one-half of such balance as may be needed to fully explore the area by core drilling and analysis. Three fourths for silver exploration.

Yours truly,

Adolph Hansen

Adolph Hansen

Josh Hansen

The First National Bank of Las Animas

Las Animas, Colorado 81054

JOE W. PURVIS
President

P. O. BOX 278
TELEPHONE 456-1512

March 28, 1968

Mr. Adolph Hansen
Route 1
Las Animas, Colorado 81054

Dear Mr. Hansen:

We do not feel that we would be able to grant you a loan for $100,000.00 to do further prospecting on your land.

We are sorry that we are unable to to grant you this loan, since for one thing we are an agricultural bank and do not understand this type of loan.

Very truly yours,

Joe W. Purvis

President

JWP/p

NCR Paper PROTECTED BY U. S. & FOREIGN PATENTS OF THE NATIONAL CASH REGISTER CO. DAYTON, OHIO, U. S. A.

Proposal

DILLON & HAYS CONSTRUCTION
RT. #1, BOX 56,
LAS ANIMAS, COLORADO
PHONE 456-0946

PROPOSAL SUBMITTED TO:	PHONE:	DATE: 10-25-69
NAME: Adolph Hanson	JOB NAME: Road construction & surfacing	
STREET: Route #1,	STREET: Your property southwest of	
CITY: Las Animas, Colorado	CITY: Las Animas	STATE: Colo.
STATE:	ARCHITECT:	DATE OF PLANS:

We hereby submit specifications and estimates for: contruction of approximately 1320 ft road base requiring an average fill of 2 (two) feet, blading and shaping an additional 4000 ft., installation of two 24 inch x 40 ft. long corrigated metal pipes for drainage and surfacing with select material approximately 6 inces in depth by 24 ft. wide for the entire lenghh of the project, approximately 1 mile in length.

# 1.	Construction of 1320 ft. x 32 ft. wide road, 2 ft. fill. 3911 cu. yd. fill @ $ .40 cu. yd.	$ 1564.40
# 2.	Blade and shape 4000 ft. road	250.00
# 3.	Furnish and install 80 ft. 24 in. C.M.P. @ $ 10.00 ft.	800.00
# 4.	Haul, spread and blade pit run surfacing (on site material) 2346 cu. yd. @ $ 1.00 cu. yd.	2346.00
	Total	$ 4960.40

We hereby propose to furnish labor and materials — complete in accordance with the above specifications, for the sum of: _____ dollars ($ 4960.40) with payment to be made as follows:

Lump sum on completion of project.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature Wayne L. Dillon

NOTE: This proposal may be withdrawn by us if not accepted within 60 days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Accepted: Signature _____

Date _____ Signature _____

Form 118 — Copyright 1960 New England Business Service, Inc., Townsend, Mass.

Proposal

Page No. _____ of _____ Pages

GOLDEN DRILLING COMPANY

Diamond Drilling Contractor
GOLDEN, COLORADO 80402
Phone 279-1371

PROPOSAL SUBMITTED TO:	PHONE:	DATE: October 29, 1969
NAME: ADOLPH HANSEN	JOB NAME: SHANGRALI PURGATORY	
STREET: Rt. #1 - Box 94	STREET: ~~Las Animas County~~ Bent County	
CITY: ~~Las Animas~~ Las Animas	CITY: Las Animas ~~Las Animas~~	STATE: Colorado
STATE: Colorado 81054	ARCHITECT:	DATE OF PLANS:

We hereby submit specifications and estimates for:

Mob and demob		$400.00
Drilling overburden, set first string casing		8.00 per foot
Drilling NX		
Bedrock to 250 feet	5.95 per foot	
250 feet to 500 feet	6.50 per foot	
Drilling overburden, set first string casing		8.00 per foot
Drilling BX		
Bedrock to 250 feet	5.50 per foot	
250 feet to 500 feet	6.00 per foot	
Water truck - $2.50 per month plus 15¢ per mile		
Casing unable to recover, or left by request - cost at jobsite		
Standby as requested and delays caused by others		15.00 per hour
Cardboard core boxes		1.00 each

We hereby propose to furnish labor and materials — complete in accordance with the above specifications, for the sum of:

_____ dollars ($ _____) with payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature J. E. Martstrees

NOTE: This proposal may be withdrawn by us if not accepted within 90 days.

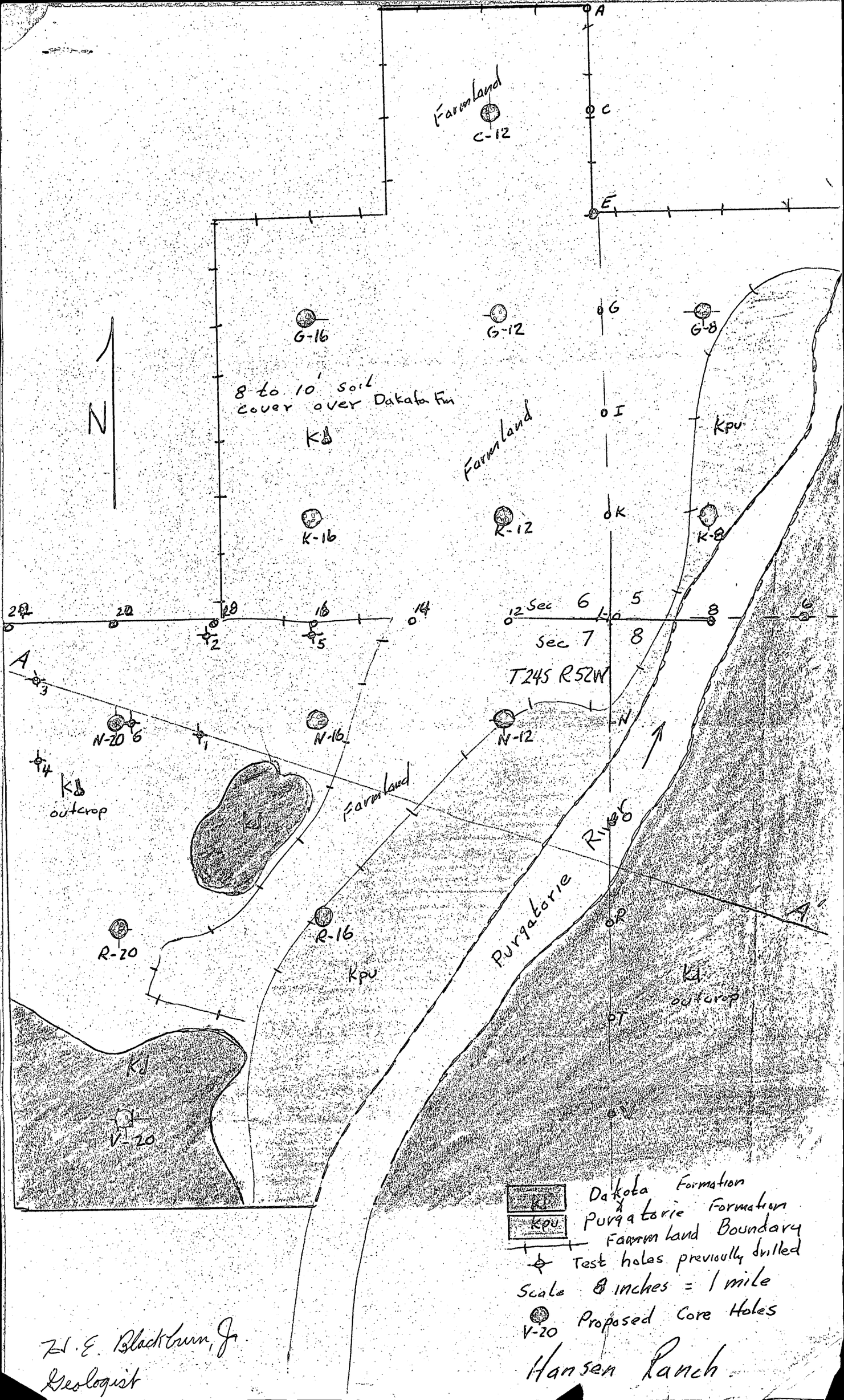
Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Accepted: Signature _____

Date _____ Signature _____

Form 118 — Copyright 1960 New England Business Service, Inc., Townsend, Mass.



Dakota Formation

Kpu Purgatorie Formation

Farmland Boundary

Test holes previously drilled

Scale 8 inches = 1 mile

V-20 Proposed Core Holes

W. E. Blackburn, Jr.
Geologist

Hansen Ranch

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
TUNNEL DRIVING
MINE PLANT DESIGN
AND FABRICATION

Boyles Bros. DRILLING COMPANY

CONTRACTORS-ENGINEERS-GEOLOGISTS

15865 West 5th Avenue
GOLDEN, COLORADO 80401
Phone (303) 279-7913

General Offices and Plant
1624 Pioneer Road P. O. Box 58
SALT LAKE CITY, UTAH 84110
Phone 487-7595

BRANCH OFFICES
ARIZONA (PHOENIX)
CALIFORNIA (AUBURN)
COLORADO (GOLDEN)
NEVADA (SPARKS)
WASHINGTON (SPOKANE)
CHILE (SANTIAGO)
CABLE: BOYLESBROS
MEXICO, D.F.
PERU (LIMA)
CABLE: BOYLESCOP

September 30, 1969

Shangrila on the Purgatory Enterprises
Route #1 Box 94
Las Animas, Colorado 81054

Attention: Mr. Adolph Hansen

Gentlemen:

The following schedule of items is presented for your consideration as our proposal for performing core drilling operations on your property near Las Animas, Colorado.

ITEMS:

1. Mobilization and demobilization, each drill rig: Lump sum $500.00

2. Drilling and casing unconsolidated overburden: $7.25 per foot.

3. Diamond Core Drilling:

	NXWL	BXWL
0.0 to 250 feet, per linear foot.	$6.25	$5.90
250 to 500 feet, per linear foot.	6.65	6.25

4. Reaming for casing: $3.00 per foot.

5. Cementing and drilling out cement: $19.00 per hour, plus cost of cement, cement substitutes, drill mud and drill fluid additives.

6. Delays for your convenience, waiting for cement to set during a regular drill shift, drill hole logging, etc.: $14.50 per hour.

7. Casing lost in holes or destroyed through use: List price less 50%. Casing ordered left in place: List price f.o.b. the job site.

8. Cardboard core boxes: $1.00 each f.O.b. the job site.

100 e

9. Suitable roads will be furnished and maintained to level drill sites at no cost to Boyles Bros. Drilling Company.

10. To do the work Boyles Bros. will furnish a truck mounted drill rig of suitable design and capacity with all supplies, fittings and accessories. The drill will be operated a minimum of forty-eight hours per week by competent drill crews.

Your interest in Boyles Bros. Drilling Company's services is sincerely appreciated. Should there be any question regarding this or any other project, please call on us at your convenience.

Very truly yours,

BOYLES BROS. DRILLING COMPANY

E.G. Tucker, District Manager

EGT/jr

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
11/24/70	Emerick	120
	Kirkemo	120
11/26	Kulczycki	
		220
		120M

AIRMAIL

NOV 25 1970

Mr. Adolph Hansen and
Mrs. Ivah Hansen
Route 1, Box 94
Los Animas, Colorado 81054

Re: OME-6713 (Uranium-Silver-Gold and other minerals)
Adolph and Ivah Hansen
Hansen Farm
Bent County, Colorado

Dear Mr. and Mrs. Hansen:

A careful review of your application for financial assistance to explore the subject property and other information available to us indicates that the probability of disclosing significant reserves of uranium, silver, gold and other minerals on your property is not sufficiently promising to justify Government participation in the proposed exploration. Accordingly, we regret to inform you that your application for assistance is denied.

We wish to thank you for your interest in the minerals exploration program and for bringing your property to our attention.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region III
Mr. Emerick
130

WLEmerick/bsl 11/24/70

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
11/25/70	Emerick	120
11/25/70	Kirkham	120
		220
		120M

November 24, 1970

Memorandum

To: The File

From: William L. Emerick
Office of Minerals Exploration

Subject: OME-6713 (Uranium, Silver, Gold and other minerals)
Adolph and Ivah Hansen
Hansen Farm
Bent County, Colorado

Justification for Denial of Application

The applicants proposed to explore for uranium, silver, gold, and other minerals by diamond core drilling from surface sites for a total footage of 3,575 feet. Estimated cost of the project amounted to $36,617.00. The Government's participation in the project at 75 percent of the total cost would amount to $27,463.00.

The rocks underlying the applicant's property consist of the Dakota sandstone and Purgatoire formation, both of Cretaceous age. The applicants drilled six diamond drill holes at their own expense to explore the two formations and it was claimed that mineral deposits of uranium, silver, gold and other minerals were discovered. Spectrographic analyses of 12 samples of drill core and other rock material compared reasonably well with similar analyses of the Dakota sandstone from several widely separated locations on the Colorado Plateau. None of the metals occur in sufficient quantities to be of commercial value. Only a few minor occurrences of uranium of no commercial value have been found in the Dakota sandstone or Purgatoire formation within the area of the Purgatoire River.

During the examination the Field Examiner was informed by the applicants that in March 1970 they had lost their possessory interest in the farm property as a result of a foreclosure action brought by the holder of a third mortgage on the property. Apparently the applicants made no attempt to inform OME of the changed situation.

Accordingly, the Field Examiner recommends denial of the application because (1) the loss of ownership leaves the applicants no longer with sufficient interest in the land to qualify for exploration assistance; and (2) the property appears to be without any present or potential value for minerals eligible under the OME program. I concur with the Field Examiner's recommendation.

William L. Emerick

William L. Emerick

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
Mr. Emerick

WLEmerick/bsl 11/24/70

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

November 19, 1970

MINERALS CODE
gld 120
bsl 120
120
UE 120 E

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6713 (Uranium, Silver, Gold and other minerals)
Adolph and Ivah Hansen
Hansen Farm
Bent County, Colorado

Transmitted herewith is a memorandum report by Mr. Philip B. Mudgett, Mining Engineer, U. S. Geological Survey on the subject property.

The Hansen Farm was examined by Mr. Mudgett on November 4, 1970 in company with the applicants, Mr. and Mrs. Hansen. Mr. Mudgett's recommendations to deny the application because of loss of ownership, therefore leaving the applicants ineligible for exploration assistance, and also because the subject lands appear to be without any present or potential value for eligible minerals under the OME program are valid.

I concur in the recommendations that the subject application be denied.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

November 19, 1970

Memorandum

To: Mr. J. William Hasler, Field Officer, Region III, Office of Minerals Exploration

From: Mr. Philip B. Mudgett, Mining Engineer

Subject: OME-6713 (Uranium, Silver, Gold and other minerals)
Adolph and Ivah Hansen
Hansen Farm
Bent County, Colorado

On-Site Exam Report

The results of an interview with the above applicants and an examination of the involved lands on November 4, 1970, indicate that not only are the applicants ineligible for exploration assistance, but that their proposed exploration is geologically unfounded as well.

During the interview the applicants informed me that they had lost their possessory interest in the farm in March 1970, as the result of a foreclosure action brought by the holder of a third mortgage on the property. The summons shown me designated the La Junta Production Credit Association as the mortgagee and the applicants with the Farmers Home Administration as mortgagors under civil action No. 1569 in the District Court for the county of Bent and the State of Colorado.

A copy of a map of part of the farm, submitted by the applicants, is attached as a reference in connection with the examination. It shows the location of the six drillholes in which the applicants claim to have discovered mineral deposits containing uranium, silver, gold and other minerals.

The drilled area is uncultivated and situated in an embayment of the western margin of the Purgatoire River flood plain. The land slopes gently toward the river and is relieved only by several small erosional remnants of flat-lying Dakota sandstone of Cretaceous age.

Erosion of the top soil by rain has obliterated all surficial evidence of the drillholes except at the No. 1 drillsite where the drillhole remains open and several small pieces of NX size core were found. Apparently, most of the core recovered from the six drillholes, which reportedly averaged 110 feet in depth, was included in samples sent to a commercial Denver laboratory for spectrographic analysis.

No geologic logs were prepared, and the brief descriptions in the drillers' logs provide no stratigraphic information. However, the contact between the Dakota sandstone and the underlying Purgatoire sandstone formations is visible near the water level of the river, and from this base it is estimated that the drillholes were bottomed fairly high in the latter.

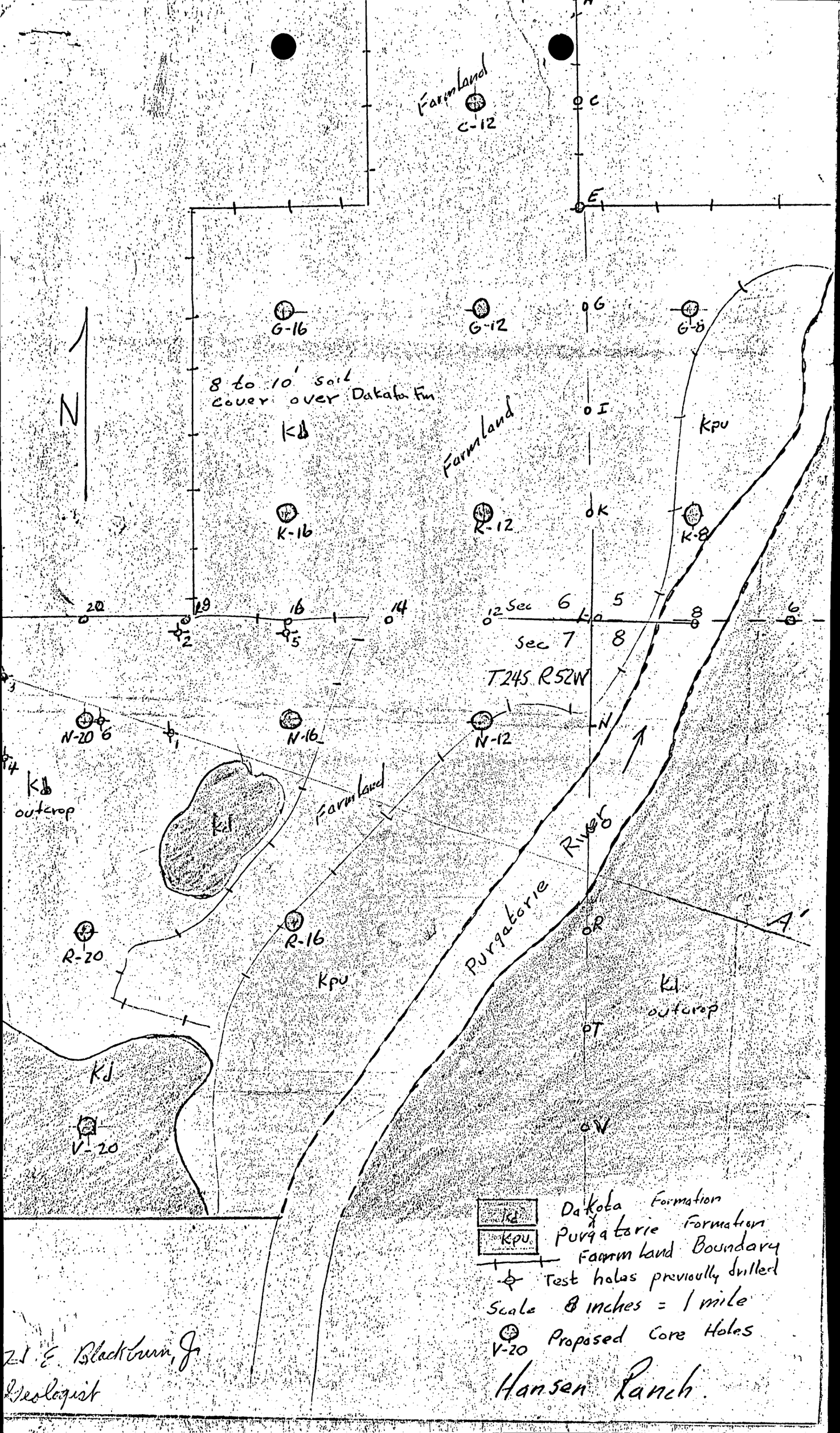
Results of the spectrographic analysis of the 12 samples of drill core and other rock materials, as shown on the applicants' certificates of assay, were found to compare reasonably well with similar analyses supplied by Robert A. Cadigan for 10 samples of Dakota sandstone from several widely separated locations in the Colorado Plateau. No anomalies were indicated in this comparison, and the metals tested for do not occur in sufficient quantities to be of commercial value, or to suggest the presence of a beach placer deposit anywhere in the general vicinity of the drillholes. The nearest known heavy mineral concentrations of this type (titaniferous black sands) occur in upper Cretaceous sandstones in Montezuma County in the southwewtern corner of the state. But even they, as well as similar deposits in Wyoming, Utah, Arizona and New Mexico, are too low grade to have any commercial value in the foreseeable future.

A few minor occurrences of uranium have been found in exposures of the Dakota, Morrison and Lykins formations within the area drained by the Purgatoire River and Smith Canyon and Muddy Creeks about 20 miles south of the farm. However, these occurrences consist of generally small, slightly radioactive lenses of carbonaceous shale or sandstone with no present or potential commercial value. Radiometric scanning of the outcrops of Dakota and Purgatoire sandstone on the farm with a scintillometer in 1954, by L. J. Brown of the Atomic Energy Commission resulted in no count above a .008 MR/hr. background.

The only mineral production of record for Bent County consists of petroleum, natural gas, sand and gravel and bentonitic clay.

Accordingly, denial of the application is recommended because the loss of ownership in the property leaves the applicants ineligible for exploration assistance, and, also, because the subject lands appear to be without any present or potential value for eligible minerals under the OME program.

Enclosures



Z. E. Blackburn, Jr.
Geologist

"4/15/70 Kirkemo"
"4/17 Kilsgaard"
4/17 Petrasa
4/17 albers

APR 17 1970

Honorable Frank E. Evans
House of Representatives
Washington, D. C. 20515

Dear Mr. Evans:

This is in reply to your letter of April 13, 1970, to Mr. Harold Kirkemo, Chief, Office of Minerals Exploration (OME), inquiring about the status of an application for financial assistance in mineral exploration submitted by Adolph and Iva Hansen of Los Animas, Colorado.

We wrote to the applicants on April 9, 1970, to advise that we were referring the application to the OME Field Officer, Region III, Denver, Colorado, for further consideration, a field examination of the property if necessary, and recommendations. A copy of our letter is enclosed.

The applicants were informed on March 5, 1970, that funds for OME contracts were fully committed. The situation with respect to funding has not changed since then. Please be assured that careful consideration is being given to this application and that we will advise the applicants of our decision as circumstances permit.

Sincerely yours,

W. A. Radlinski
Acting Director

Enclosures

cc:
General Files
Director's Chron
Mineral Resources Rdg
Docket OME-6713
OME Reading File
OME Region III w/copy incoming letter
Mr. Kirkemo

HKirkemo/gla ~~XXXX~~ 4/16/70

CONGRESS OF THE UNITED STATES
House of Representatives
Washington, D. C. 20515

April 13, 1970

Mr. Harold Kirkema
Department of the Interior
Chief, Office of Minerals Exploration
United States Geological Survey
Washington, DC

Dear Mr. Kirkema:

Could you please advise me of the status of the enclosed application submitted by Adolph Hansen for financial assistance in mineral exploration.

Thank you.

Sincerely,

/s/ Frank E. Evans

FRANK E. EVANS
Member of Congress

FEE:Dl
Enclosure

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MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/15/70	Kirkemo	120
4/17	Kilgore	
		220
		120M

Honorable Frank E. Evans
House of Representatives
Washington, D. C. 20515

Dear Mr. Evans:

This is in reply to your letter of April 13, 1970, to Mr. Harold Kirkemo, Chief, Office of Minerals Exploration (OME) inquiring about the status of an application for financial assistance in mineral exploration submitted by Adolph and Iva Hansen of Los Animas, Colorado.

We wrote to the Applicants on April 9, 1970, to advise that we were referring the application to the OME Field Officer, Region III, Denver, Colorado, for further consideration, a field examination of the property if necessary, and recommendations. A copy of our letter is enclosed.

The Applicants were informed on March 5, 1970, that funds for OME contracts were fully committed. The situation with respect to funding has not changed since then. Please be assured that careful consideration is being given to this application and that we will advise the Applicants of our decision as circumstances permit.

The copy of the application accompanying your letter is enclosed.

Sincerely yours,

Director

Enclosures

cc: General File
Director's chron
Mineral Resources
Docket OME-6713
OME Reading File
OME Region III w/copy incoming letter
Mr. Kirkemo

HKirkemo/gla 4-16-70

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/9/70	Peterson	120
		120
		220
		120M

AIRMAIL

APR 9 1970

Mr. Adolph Hansen and
Mrs. Iva Hansen
Route 1, Box 94
Los Animas, Colorado 81054

Re: OME-6713 (Uranium-Silver-Gold and other minerals)
Adolph and Iva Hansen
Hansen Farm
Bent County, Colorado

Dear Mr. and Mrs. Hansen:

Thank you for your letter of April 1 enclosing additional information in support of your application for financial assistance.

We are now referring the application for further consideration to Mr. J. William Hasler, Field Officer, Region III, Office of Minerals Exploration, Room 203 - Building 53, Denver Federal Center, Denver, Colorado 80225.

Owing to curtailment of the OME program, field examinations if necessary to reach decisions on applications are being made largely in connection with other field work of the program. In due course of time we will inform you whether or not your application can be approved for a contract when funds are available. Priority on available funds will be given to approved applications offering the best opportunities for making significant discoveries.

Mr. Hasler will notify you if additional information concerning the application is needed. Nothing in this letter should be construed as a commitment by the Government to grant an exploration contract.

Sincerely yours,

Harold Kirkemo (glc)

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region III

ECPeterson/bsl 4/9/70

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/9/70	Peterson	120
		120
4/9	cac	220
		120M

APR 9 1970

AIRMAIL

Memorandum

To: Field Officer, Region III

From: Chief, Office of Minerals Exploration

Subject: OME-6713 (Uranium-Silver-Gold and othe r minerals)
Adolph and Iva Hansen
Hansen Farm
Bent County, Colorado

The subject application is referred to you for further consideration, a field examination if necessary when you are in the vicinity of the property on other field work of the program, and recommendations.

We suggest that you inquire regarding the possibility that Survey personnel have worked in the area and have specific knowledge of this property. Perhaps there is enough information available to arrive at a decision regarding the proposal without making an on-site examination.

The application lacks the geologic evidence to indicate the probability of a significant ore discovery; however, it appears that the Applicant has submitted all of the information he has available regarding the property, and further correspondence would add little to what has already been submitted. The material prepared by the consultant adds no support to the proposal. It is doubtful that Government participation in the proposed work can be justified.

Harold Kirkemo (gla)

Harold Kirkemo

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
Mr. Peterson
130

ECPeterson/bsl 4/9/70

United States Department of the Interior

GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

OFFICIAL COPY
O. M. E.
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430
bel 120 M
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AIRMAIL

MAR 5 1970

Mr. Adolph Hansen and
Mrs. Iva Hansen
Route 1, Box 94
Los Animas, Colorado 81054

Re: OME-6713 (Uranium-Silver-Gold and other minerals)
Adolph and Iva Hansen
Hansen Farm
Bent County, Colorado

Dear Mr. and Mrs. Hansen:

Our review of your revised application for financial assistance to explore the subject property indicates that the geological probability of making a significant ore discovery is not sufficiently promising to justify Government participation in the proposed work. Unless you can furnish additional evidence to identify specific areas on the property where geologic conditions would favor finding silver or other eligible mineral values in commercial quantities, we would have no choice but to deny your application.

Under these circumstances if you are unable to furnish the additional supporting data we suggest that you consider withdrawing the application. Please let us know in the next 30 days whether you plan to provide the information or decide to withdraw the application.

At the present time, OME funds for contracts are fully committed. Should you decide to keep your application active, it would be processed with others on hand and considered for a contract on its merits when funds become available.

We are returning the original application form you submitted for signature. Please sign and return to this office should you decide to continue with the application.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

Enclosure

Reply on reverse side

Las Animas Colo.
April 1, 1970.

Dear Mr Kikemo;

I am sending in a revised application for O.M.E. assistance. My geologist, Mr Blackburn, worked out a more limited budget to explore the ground which looks very promising. My farm is located along the Purgatoire River and there is 140 miles to be explored that should prove to be a good prospect. The Phillips Company has 160000 acres of State Land leased for Prospecting.

I would appreciate it very much if you would consider my application active when funds are available.

yours truly
Adolph and Ivah Hansen
R 1 Box 94
Las Animas Colo. 81054

Copy to R-III

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
3/5/70	Peterson	120
		120
4/5	Cal	220
		120M

AIRMAIL

Mr. Adolph Hansen and
Mrs. Iva Hansen
Route 1, Box 94
Los Animas, Colorado 81054

MAR 5 1970

Re: OME-6713 (Uranium-Silver-Gold and other minerals)
Adolph and Iva Hansen
Hansen Farm
Bent County, Colorado

Dear Mr. and Mrs. Hansen:

Our review of your revised application for financial assistance to explore the subject property indicates that the geological probability of making a significant ore discovery is not sufficiently promising to justify Government participation in the proposed work. Unless you can furnish additional evidence to identify specific areas on the property where geologic conditions would favor finding silver or other eligible mineral values in commercial quantities, we would have no choice but to deny your application.

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We are returning the original application form you submitted for signature. Please sign and return to this office should you decide to continue with the application.

Sincerely yours,

Harold Kirkemo (glw)

Harold Kirkemo
Chief, Office of
Minerals Exploration

Enclosure

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region III
ECPeterson/bsl 3/5/70

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Office of Minerals Exploration
Building 53 Room 200

FEB 23 1970

February 24, 1970

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region III

Subject: OME-6713 (Uranium, Zirconium, Rare Earths, Gold and Silver)
Adolph and Iva Hansen
Hansen Farm
Bent County, Colorado

Enclosed is a copy of a revised application on the subject property. I have retained duplicate copies of all data included for my files. The applicant's costs are excessive; however, continued discussions concerning them would prove fruitless, as Mr. Hansen is in his advancing years and does not understand fully all that encompasses an exploration program.

J. William Hasler

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

Enclosures

See left side

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/13/68	Kirkham	120
		120
12/13	Johnson	110
		220

December 13, 1968

Memorandum

To: The File

From: E. C. Peterson

Subject: OME-6713 (Uranium, Gold & other minerals)
Adolph and Iva Hansen
Hansen Farm
Bent County, Colorado

The Applicant has not replied to our letter of September 6, 1968, and the 90-day extension period granted has expired. Accordingly, the subject docket is referred to the inactive file and the application considered as having been withdrawn.

Edward C. Peterson

Edward C. Peterson

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region III
Mr. Peterson

ECPeterson/bsl 12/13/68

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
9/6/68	Peterson	120
	Kirkham	120
		110
9/6	cc	220
		120M

SEP 6 1968

AIRMAIL

Mr. Adolph Hansen and
Mrs. Iva Hansen
Route 1, Box 94
Las Animas, Colorado 81054

Re: OME-6713 (Uranium, Gold & other minerals)
Adolph and Iva Hansen
Hansen Farm
Bent County, Colorado

Dear Mr. and Mrs. Hansen:

This will acknowledge your letter of September 2 informing us that you require additional time to obtain the requested information.

As we wish to cooperate with you fully in allowing ample time to furnish the necessary data, we shall be pleased to keep your file active for an additional 90 days pending receipt of the material requested. However, for administrative and fiscal reasons this office cannot indefinitely defer action on an application. Therefore, if we do not receive the data by about December 10, we shall consider the application as having been withdrawn.

Sincerely yours,

FRANK E. JOHNSON (jfs)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region III
Mr. Peterson

ECPeterson/bsl 9/6/68

Las Animas, Colo,
Sept 2, 1968.

OFFICIAL COPY
O. M. E.
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SEP 4 1968
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SWM
110
1208

Copy to Region

Mr Frank E. Johnson
Chief, Office of Minerals Exploration
U.S. Dept of The Interior
Washington D.C. 20242

Dear Mr Johnson,

In answer to your letter regarding our application for O.M.E. 6713. funds: We have been so busy with farming that we haven't had time to proceed with the information we need to complete our application. Will you please keep our file open for the time being and perhaps we can go ahead with it soon.

Thanking you in advance

Yours truly.

I am,

Mrs Ivah Hansen
R1 Box 94
Las Animas Colo.

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/6/68	Kirkham	120
		120
		110
8/6	Cal	220
		120M

AIRMAIL

Mr. Adolph Hansen and
Mrs. Iva Hansen
Route 1, Box 94
Las Animas, Colorado 81054

AUG 6 1968

Re: OME-6713 (Uranium, Gold & other minerals)
Adolph and Iva Hansen
Hansen Farm
Bent County, Colorado

Dear Mr. and Mrs. Hansen:

We have not had a reply to our letter of July 3, 1968. If you require additional time to prepare the information previously requested, please let us know. If we do not receive a reply from you within thirty days from the date of this letter, we will assume that you are no longer interested in proceeding with your application and shall consider it as having been withdrawn.

Sincerely yours,

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region III
Mr. Peterson

ECPeterson/bsl 8/6/68

MME Form 7
(2/63)

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Date	Surname	Code
7/3/68	Peterson	120
7/3/68	Kirkham	120
		110
7/3	[illegible]	220
		120M

AIRMAIL

Mr. Adolph Hansen and
Mrs. Iva Hansen
Route 1, Box 94
Las Animas, Colorado 81054

Re: OME-6713 (Uranium, Gold & other minerals)
Adolph and Iva Hansen
Hansen Farm
Bent County, Colorado

Dear Mr. and Mrs. Hansen:

We have not received a reply to our letter of April 18, 1968, requesting additional information necessary to continue the processing of your application.

Will you please inform us when we may expect the required data. If you have decided to withdraw the application, please so inform us.

Sincerely yours,

[illegible]

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region III
Mr. Peterson

ECPeterson/bsl 7/3/68

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/18/68	Peters	120
4/18/68	Kishemo	120
		110
4/18	cal	220
		120M

APR 18 1968

AIRMAIL

Mr. Adolph Hansen and
Mrs. Iva Hansen
Route 1, Box 94
Las Animas, Colorado 81054

Re: OME-6713 (Uranium, Gold & other minerals)
Adolph and Iva Hansen
Hansen Farm
Bent County, Colorado

Dear Mr. and Mrs. Hansen:

Our review of your application for financial assistance in exploring the subject property indicates that the geological evidence furnished is too meager to support the proposed $113,000.00 project. Unless you can provide adequate factual geologic support for the proposal, we would have no choice but to deny the application.

Information needed includes assays of samples taken from mineralized surface showings of the specific targets to be explored, geologic maps, projections or sections, and a description of the structures, formations and mineral occurrences of the project area. The sample information should include the location of samples taken, how sampled, sample widths, and copies of the assay certificates. In addition, the location of the proposed drill holes, and the geologic justification for their location should be furnished.

If you decide to continue with the application, perhaps the services of a competent geologist or engineer should be considered to evaluate your property and assist in the preparation of the proposal.

We must have your assurance that you can furnish your share of the costs in the event of an exploration contract. The Government's share of costs is paid monthly after a voucher has been submitted covering costs incurred during the month. It usually takes two or three weeks to process a voucher for payment, therefore, the Applicant must have sufficient funds to pay for the full cost of the work for the first two or three months until the Government's share of the costs is received.

New bids for the proposed drilling are required. The bids submitted by the contractors should include such information as to the type of equipment to be used, and means for sample collection.

A revised cost estimate is required. Under an OME contract reasonable allowances are made for supervision and technical services. Your estimate of $18,000.00 for these services is considered excessive. Also, office expenses including bookkeeping are held to a minimum. Normally $50 - $75 per month is considered sufficient for this purpose.

This request for additional information should not be construed as a commitment by the Government to grant an exploration contract. We shall hold the processing of the application until the data are received.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
Mr. Peterson
Region III

ECPeterson/bsl 4/18/68

April 16, 1968

Mr. Adolph Hansen and
Mrs Iva Hansen
Route 1, Box 94
Las Animas, Colorado 81054

Subject: OME-6713

Dear Mr. and Mrs Hansen:

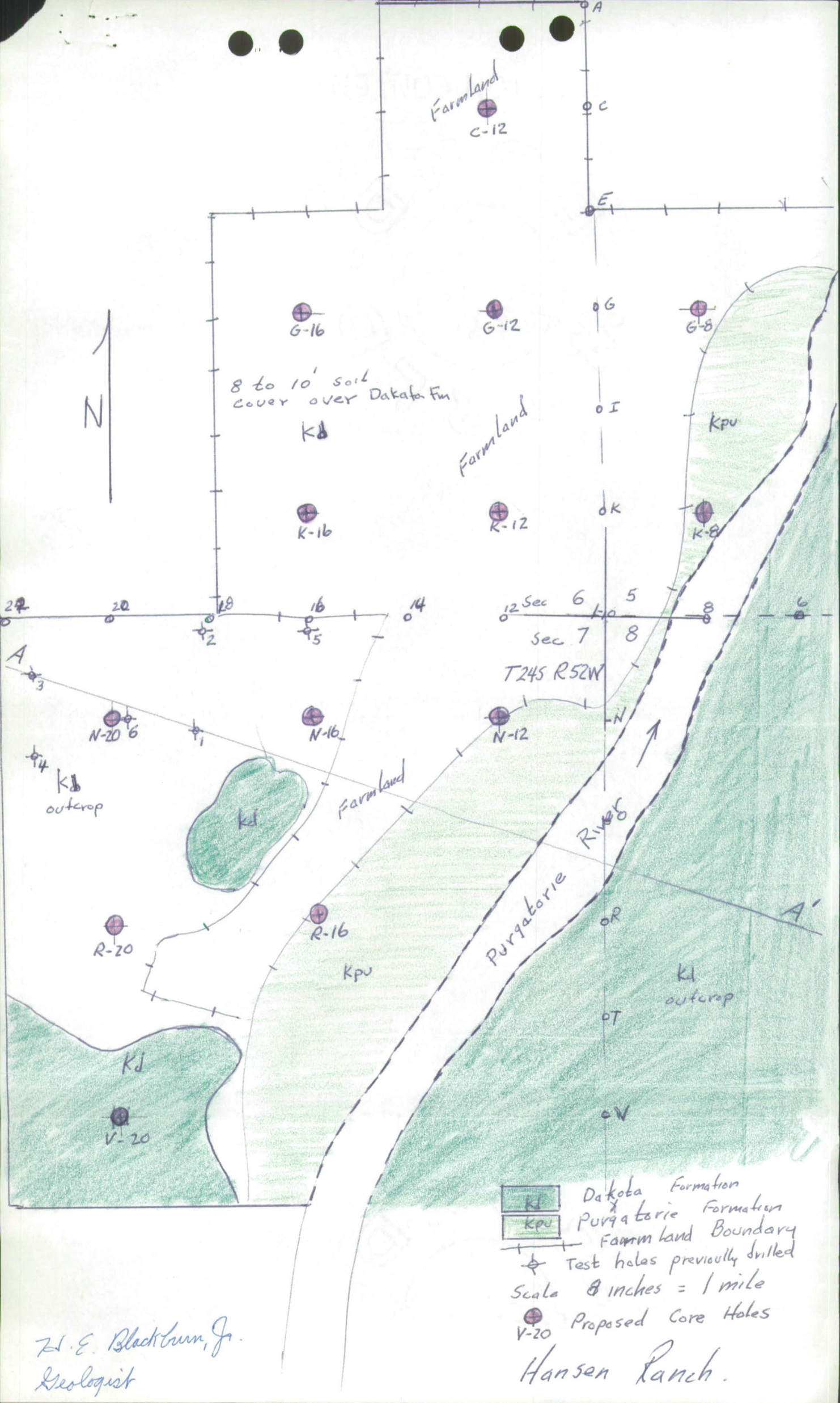
Your application for exploration assistance, dated March 25, 1968, submitted to our office at Denver, Colorado, has been assigned Docket No. OME-6713.

Pleaseiidentify all future correspondence relating to your application by this docket number.

Sincerely yours,

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Region III



W. E. Blackburn, Jr.
Geologist