

JAN 17 1980

FORMINCO INCORPORATED
58 RICHMOND HILL ROAD
GREENWICH, CONNECTICUT 06830
—
AREA CODE (203) 869-7120

GL03981

103

January 14, 1980

Mr. Michael Wright
Associate Director
Earth Science Laboratory
University of Utah Research Institute
420 Chipeta Way, Suite 120
Salt Lake City, Utah 84108

Dear Mike:

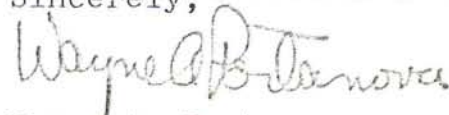
I wanted to formally thank you for arranging and encouraging our review of the Cove Fort-Sulphurdale KGRA on January 10, 1980. As you are aware, Forminco is conducting a feasibility analysis for establishing a geothermally powered sulfur processing plant on this reservoir. Also, we fully expect an alcohol plant to be approved for construction by the DOE within several months for this site.

I would like to comment on three items regarding your associates Joe Moore, Howard Ross, Debra Struhsacker, and Ted Glenn. First, their professionalism, knowledge, and communication skills are truly impressive. Second, their ability to relate and constructively comment on business problems of mining and processing, as interpreted from the geologic data, indicates a pragmatic orientation that is vital to the successful implementation of geothermal energy on a broadscale basis.

Finally, the interest, effort, and enthusiasm that your office has shown to us simply reconfirms my hope that we can prove at Cove Fort-Sulphurdale that geothermal energy has broad and highly economic advantages applicable to Utah and much of the West.

Again, my deep gratitude to you and your staff.

Sincerely,



Wayne A. Portanova
Executive Vice President

1/18/80

w/ Wayne Portanova
Dick McComb

(Formico - Greenwich Co.)

Action Items:

Wagstaff

Grant H₂O rights

drilling permits

Santini

contact on bill

DoE

Petersen

Nito / Joe Collins

OSGS - Spencer

Data requirements for EIS

Tex Glean

LBL

Next Action _____

User Assistance Phone Conversation

Date 1/10/81

Received by DM

User's Name: Wipe 2.0000

Subject:

1) ...
Water ...
2) ...
3) ...

Action Items:

Next Action _____

User Assistance Phone Conversation

Date 1/25/70

Received by DWS

User's Name: W/ WARD WINGSTAFF

Subject: LOW FLOW

Unknown of land status

2' well on federal land

water well in state land area

WW
will draw

→ draw water, draw did apply

WARD will call back on water rights

1/25/70 - Check status of well on federal land
- water well in state land area
- draw water, draw did apply
- draw water, draw did apply
- draw water, draw did apply

Action Items:

User Assistance Phone Conversation

Date 1/27/11

Received by DM

User's Name: Wynne [unclear]

Subject: Fort-Sulphurdale

got into [unclear] [unclear] [unclear] [unclear]

but [unclear] [unclear]

Referred him to LBL

Explained that test had to be designed properly or wouldn't tell him the right info

Testing well will be as complex as drilling was

Asked if we knew if the well would produce o.k.

I said that we didn't know - hadn't looked closely at the well logs, but a careful analysis of the logs should give them a good idea whether or not to go ahead as planned

skimping on a consultant at this stage was false economy

Action Items:

I stressed that we would be happy to work very closely w/ any consultant they use

Next Action 12/20
Helber will visit for
general consultation

User Assistance Phone Conversation

Date 12/5

Received by DWS

User's Name: BOB HELBER 825-1693

Subject:

Formica 47-9 427

Deal still up in the air
wanted info on

asked
JMM to
take care of →

Lance-Joy lease holder is considering selling
Helber will

Discussed water rights problems
he hadn't thought about this

Had meeting w/ DAKAWD BLP people
they want application in by 1/1/80

Action Items:

N.B. Helber doesn't seem to know what he's
doing - didn't know anything about H₂O rights etc.

Next Action _____

User Assistance Phone Conversation

Date 11/20

Received by DWS

User's Name: Bob Helber

Subject:

Raft River site - in a binding lease w/ ^{Sun Oil} ~~Raft River~~ -
(lease not clear)
sugarbeets could grow if there were enough demand

DOE ethanol project mgr. will be talking to
them on Monday
if they don't have a site

Hope to go to Foreman at Beaver - owners trying
to sell
330° F
sugar beet - from Enterprise & ~~Sage~~ St. George
will store O.K. during the winter
perhaps potatoes
converting starch → sugar w/ sulphuric
acid then neutralizing w/ lime.

-->

Action Items:

User Assistance Phone Conversation

Date 1/11/80Received by DWSUser's Name: Bob Helber - 825-1693

Subject:

Wants to meet

?? about pump test 42-7
 how does he get information on who can
 pump the wells

who can do it?approximate cost

Ford Bacon + Davis = engineering consultants
 for R+R engineering

Wants to meet end of Jan.Joe CollinsJoe WoodsR+R EnergyForninceHelber will plan

Action Items:

Want \$ 42-7, 33-13,Unions 4 wells - will use this as
 collateral

+ Ron Schroeder

+ Colin Gorenson
415-486-5560

+ Sally Benson
415-486-6657

415-486-5875

+ be back Friday

any one of
me could
help.

Next Action 12/20
Helber will visit for
general consultation

User Assistance Phone Conversation

Date 12/5

Received by DWS

User's Name: Bob Helber 825-1693

Subject:

Formico ~~479~~ 427

Deal still up in the air
wanted info on

asked
Jim to
take care of →

Lance Joy lease holder is considering selling
Helber will

Discussed water rights problems
he hadn't thought about this

Had meeting w/ DAKOTA's BLP people
they want application in by 1/1/80

Action Items:

N.B. Helber doesn't seem to know what he's
doing - didn't know anything about BLP rights etc.

Followed up
Helber WCB
10/29 - 11/2

USER ASSISTANCE REQUEST FORM

Date 10/26/79

Received by DWS

I. USER DATA

Name: Bob Helber
Company: R. R. ENGINES
Address: 1115 North Ash
East Layton 84041
Phone: 376-2453 / 376-9966 (in 1.5 weeks) or 775-0287
Referred to us by: 525-1693 / 777-4711

II. PROPERTY DESCRIPTION

Location: Lance Uoy ^{RR area} Property / Now being used Belmont H.S.
103-1030F

Potential Resource:
Property adjoining the Left River project

Proposed use:
For expansion. hope to produce by next year
You need 2000F for this process

III. INFORMATION/SERVICES REQUESTED

Helber WCB in about a week. w/ exact location
Filed for G.L.P. w/ Helman. It's in review w/ Oakland.
for any property they decide to go with.
Need to decide in next 2 weeks on specific site
- Probably will require a site visit

11/16 - Purchase property at East Foot

IV. EVALUATION OF REQUEST

1) Resource Potential

2) Use Potential (large vs. small)

V. RECOMMENDED FOLLOW UP

VI. INFORMATION SUPPLIED (check where applicable)

DOE Geothermal Programs Brochure
User Assistance Program Brochure
GLGP Brochure (Loan Guaranty)
PON/PRDA Brochure

Other

Consultants List

10/29 - JM (Hobbs called him)

Has Union Well in Cove Point

Union released wells to Virginia / Formica will probably sell.

Probably 40-100' - data released - low test

H₂O - 1000-2000' deep standing in pipe

Needs 5000' H₂O / JM doesn't know how much is there.

Union says there's lots of water would have to pump
continuous. But will figure out

Hobbs W.B.

EARTH SCIENCE LABORATORY
USER ASSISTANCE REQUEST FORM

Date 12/19/79
Received by D. L. Nielson

I. Requestor Data

Name: Wayne Portanova (also Gordon Ford)

Company: Farmineo

Address: 58 Richmond Hill Rd
Greenwich, Conn 06830

Phone: 203-869-7120

User/Owner Developer State Federal

Referred to us by:

Others contacted (EG & G, OIT, etc.): EG&G

II. Property Description (supplied by Requestor)

Location: Cove Fort / Sulphurdale KGRA

Land Status:

Private State Federal

Potential Resource:

Resource well known - extensive exploration by Union.
Site of EST Case Study under Industry Coupled Proj.
(Title to geothermal lease being assigned to Farmineo from Union)

Other nearby resources?

Proposed use and user:

Agric culture / Industrial Complex
Gasohol from sugar beets
Sulphur mill.

operated by
Robert Halber
R-R Energy, Inc.
E. Lygdon



Any present use?

No

III. Information/Services Requested

Information on the Resource.

Time frame for services requested

IV. Commitments Made

By ESL:

action:

schedule:

By Requestor

By Others (EG & G, OIT, etc.)

V. Miscellaneous Data

Environmental/Political sensitivity?

Other contacts on property?

Other

VI. Recommended ESL Follow-up

Action:

Schedule:

VII. Information Supplied Mail Verbal

- DOE Geothermal Programs Brochure
- User Assistance Program Brochure
- Loan Guaranty Program Brochure
- PON/PRDA Brochure
- Utilization Information (EG & G Publications)
 - Heat Pumps
 - Greenhouse
 - Binary Systems
- Consultants List
- Other
- Resource Data (see Background Information Form/User Assistance Resource. Specify)
Coe Fort/Sulphurdale report - Moore & Samberg.

VIII. ESL Evaluation of Request

- 1) Resource potential
excellent

Evaluated by DLN

2) Use Potential (large vs. small)

Evaluation by _____

3) Time requirements to fulfill request