

ASSOCIATED UNIVERSITIES, INC.

350 FIFTH AVENUE
NEW YORK 1, NEW YORK
LONGACRE 5-0460

OFFICE OF THE PRESIDENT

November 27, 1956

Dr. Bart J. Bok
c/o Dr. F. K. Edmondson
National Science Foundation
1520 H Street, N. W.
Washington 25, D. C.

Dear Dr. Bok:

In Dr. Emberson's absence, I wish to acknowledge your telegram requesting background information on the people involved with the Radio Astronomy Project. I contacted Dr. Emberson and he gave me the following notes for your information:--

Richard Currence - new prosecuting attorney; had been helping with site acquisition; picked up options, etc.

Arden Curry - Executive Assistant to Governor Marland; his brother is the new Sheriff.

Joel Hannah - Manager of Telephone Company; owns farm house where radio equipment is kept.

David Smith - Vocational training teacher; takes care of the wind recording machine.

Dr. Emberson also suggested that I send you a copy of the list of people who had options on the land, as he felt that they would be particularly interested in your talk. I am also enclosing some correspondence from Mr. Virgil Harris, Principal of the Green Bank School, which was originally sent to your Harvard address. This correspondence explains all the details for Friday.

Sincerely yours,



Lillian E. Coulton
Secretary to Dr. Emberson

Encls.

GREEN BANK HIGH SCHOOL
Green Bank, West Virginia

November 21, 1956

Dr. Richard Emberson
Associated Universities, Inc.
350 Fifth Avenue
New York 1, New York

Dear Dr. Emberson:

We have your communication of November 15 and are happy to know you and Dr. Bok will be here for the meeting at 1:15 for the students and at 7:30 p.m. for adults.

Mr. and Mrs. Granville Elliott of our community will entertain you, Dr. Bok, and Mr. and Mrs. Richard Currence at dinner at 5:30 on that afternoon. If you have other guests, the Elliott's will be prepared for them.

Very truly yours,

Virgil B. Harris, Principal
Green Bank High School

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Copy to:

Mr. and Mrs. Richard Currence
Mr. and Mrs. Granville Elliott

November 26, 1956

Mr. Virgil B. Harris
Green Bank Public Schools
Green Bank, West Virginia

Dear Mr. Harris:

Thank you very much for your letter of November 21 and the kind invitation of Mr. and Mrs. Elliott concerning dinner on Friday evening, November 30.

For personal reasons, it will not be possible for me to come to Green Bank as I had planned. If Dr. Heeschen has some additional equipment ready, he will drive to Green Bank with Dr. Bok. I am sending a copy of this correspondence to Dr. Bok so that he will be aware of the arrangements that have been made.

Please extend my regrets to Mr. and Mrs. Elliott and my thanks to them and to you for the arrangements made on our behalf.

Sincerely yours,

Richard M. Emberson
Assistant to the President

cc: Dr. Bart Bok

SUMMARY OF OPTIONS, GREENBANK SITE

BY ASSOCIATED UNIVERSITIES, INC.
September 26, 1956

SECTION	NAME	ACRES	AMOUNT	REMARKS
10 13	ARBOGAST, Rachael (widow, single)	168	\$26,500	Property bound on N by Moro Beard & J. W. Riley, on E by I. R. Brown, on S by Moro Beard & road running by Greenbank High School, on W by Monroe Beard estate. Reserves a life estate in the residence house & out-buildings located on above described land and the garden for her life-time; also reserves all growing crops on land at time option is exercised (option signed 2/13/56); and also reserves the rights so far as set forth in an oil & gas lease with the Delaware Co., bearing recent date; also excepts cattle house in back of Methodist parsonage & a life estate for life of O. G. Arbogast & Myrtle S. Arbogast in the residence & garden (73-yr. old son). Amount payable 1/4 cash & 1/4 in one, two and 3 year installments without interest and second by vendors lien.
7 3	ARBOGAST, Wm. A. & Phyllis M. Arbogast, his wife	37.4	\$5,600	Property bound on N by June Riley & Willie Sheets, on W by Willie Sheets, on S by Moomau & M. E. Shinaberry, and on E by State Route #26. Reserves all growing crops on land at time option is exercised (option signed 2/13/56). Amount payable in cash.
10 11 12	BARKLEY, C. L. and C. A. Barkley, his wife	50	\$15,000	Property bound on N by Fred Conrad, on E by Markwood Gum, Talvin Varner & Alma Arbogast, on S by James Galford. Reserves possession of the residence house & out-buildings until January 1, 1956 and all crops on ground at time option is exercised (option signed 2/21/56) and further the right to rent for farm purposes as agreed between the party of the second part or his assignee. Amount payable in cash.

SECTION	NAME	ACRES	AMOUNT	REMARKS
0 3 6 9	BEARD, Mary I. (widow); Dorr Beard & Ruth Beard, his wife; Mary Margaret Offutt & Denver Offutt, her husband, & Lorraine Mullenax & Brooks Mullenax, her husband.	140	\$40,000	<p>Property bound on N by Joel Hannah & Dale Hill, on E by Moro Beard & Rachel Arbogast, on S by the road & Clyde Hevener, & on W by Elmer Shinaberry & Clyde Hevener.</p> <p>Reserves possession of the houses to Jan. 1, 1958 & further reserves all growing crops on land at time option is exercised (option signed 3/3/56).</p> <p>Amount payable in cash.</p>
0 3 9	BEARD, Moro R. and Emma S. Beard, his wife	60	\$30,000	<p>Property consists of two tracts of land, (1) 39 acres adjoining Rachel Arbogast & others, and (2) 21-1/8 acres at intersection of the Hesterman Road & on the west side of Route #28 and opposite Greenbank High School.</p> <p>Option is expressly conditioned that if it is not exercised for purpose of a Radio Astronomical Observatory, it is null and void. Reserves all crops growing on land at time option is exercised (signed 2/29/56) and the right to rent land or any part thereof, if rented.</p> <p>Amount payable in cash or at the election of parties of the first part one-fifth in cash & the balance in 5 equal annual installments, payable in 1, 2, 3, 4 & 5 years after date without interest, a vendors lien to be retained to secure the deferred purchase money.</p>
0 3 11	BROWN, T. L. and Mamie Brown, his wife	60	\$21,000	<p>Property bound on N by C. E. Flynn (?) & S. Riley, on E by State Route #28, on S by Moro Beard & Elizabeth Kessler, on W by O. G. Arbogast or Rachael Arbogast.</p> <p>Option is expressly condition that if it is not exercised for purpose of a Radio Astronomical Observatory, it is null & void. Reserves 5 acres of land around their residence house & to the road & as near as possible in a square. Agree that the house & land reserved shall be used for normal household & farm use & so as not to create local point or strong radio inter-</p>

	NAME	ACRES	AMOUNT	REMARKS
(Continued)				ference. Further reserve all of the growing crops on the land at time option is exercised (signed 2/29/56) & further reserve all their rights under an oil & gas lease with Delaware Oil Co. Amount payable in cash or at the election of the parties of the first part in five annual installments, but without interest & a vendors lien to be retained to secure deferred purchase price.
7	CONRAD, Fred & Mabel Conrad, his wife	10	\$3,000	Property bound on N by Talvin Varner, on E by Talvin Varner, on S by Pine Grove road, on W by Herbert Sutton. Option is conditioned on its being exercised for the purpose of a Radio Astronomical Observatory. Reserves their house & barn & 2 acres of land around them, fronting on the road & to be specifically located by the parties of the first part, but which land & house shall be used only for normal household & farm uses, & in such a manner as not to create a local point of strong radio interference. Also reserves all growing crops on land at time option is exercised and right & refusal to rent property if rented (signed 3/5/56). Amount payable in cash.
	CONRAD, Fred & Mabel Conrad, his wife & Flossie Conrad Rowe, widow, single	16 @	\$300./acre	Property adjoins lands of Nettie Sheets, State Route 28, and the Pine Grove Road. Reserves all growing crops on land at time option is executed (signed 3/5/56) and right and refusal to rent property, if rented. Amount payable in cash.
11	ERVINE, Leon & Marie P. Ervine, his wife	63	\$11,050	Property bound on N by Lella Ervine, on E by State Route #28, on S by W. Shears, S. Riley, Clyde Tracy & Clyde Tracy, & on W by Erish Hevener Estate. Reserves all growing crops on land at time option

(Continued)

is exercised (signed 2/14/56); balance of this part further except their store building & residence house & approximately 2 acres of land fronting on State Route #28 for a distance of 720 feet, beginning at the SE corner of 65 acre tract & then running due W to outside line of 65 acre tract.

Amount payable in cash.

11	GALFORD, James A. & Edna Galford, his wife	88	\$12,000	Property bound on N by North Fork Road, on E by the road & Alma Arbogast, on S by Clyde Gellespie, on W by Kerr.
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Reserves all growing crops on land at time option is exercised & reserves possession of house for personal household use to Jan. 1, 1958 & further a 1 acre or 2 acre lot contracted to Robert Elliott. (Option signed 2/14/56)

Amount payable in cash.

13	GALFORD, Kent & Leona Galford, his wife	145	\$20,000	Property bound on N by Lambert Estate, on E by Lillian & Lucille Moomau & on S Wooddell, Stevens (?) & Grogg & on W by .
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Reserves all growing crops on land at time option is exercised (signed 2/14/56). Payable in cash.

13	GROGG, Donald P., single, & Merl L. Grogg & Shirley Grogg, his wife	96	\$6,000	Property bound on N by Kent Galford, on E by G. Stevens (?), on S by a line running through farm due E & W and running through a point 50 ft. directly south from the residence house & on W by Deer Creek.
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Reserve all growing crops on land at time option is exercised (signed 2/18/56) & residence house & outbuildings, garden, the area to be 2 acres, & further reserve a right of way to land from the lands reserved over the present road.

Amount payable in cash.

	NAME	ACRES	AMOUNT	REMARKS
G 12	GUM, Markwood G. & Dortha G. Gum	49 1/2	\$15,000	<p>Property bound on N by Pine-Grove Road, on E by road between Pine Grove Road & Northfork Road, on S by North Fork Road, & on W by Alma Arbogast & Claude Barkley.</p> <p>Reserves all land lying E of brow of the flat & so as to include the spring & the run; further reserves all growing crops at time option is exercised (signed 3/2/56) & further the right & refusal to rent the land if rented. It is expressly agreed that option is expressly conditioned on its being exercised only for the purpose of a Radio Astronomical Observatory.</p> <p>Amount payable in cash, or at the election of the parties of the first part in installments, payable over a period of five years, but without interest & a vendors lien retained to make deferred payments.</p>
	HAMED, Ferris & Mattie B. Hamed, his wife	172	\$40,000	<p>Property bound on N by Jacob Sheets, on E by Clyde Galliepie, on S by H. W. Lantz (?) & Presbyterian Church & W by State Route #28 & Mooms' s.</p> <p>Reserves all growing crops on land & right to use the barn & ills until January 1, 1958 (option signed 2/13/56) and further except the 2 acres on which the residence & other improvements are located & as presently fenced from the pasture & crop land & from the double gate down.</p> <p>Amount payable in cash.</p>
	HANNAH, Joel M. Sr., & Mary Alice Hannah, his	351	\$50,000	<p>Property is described as being those 6 contiguous tracts or parcels of land containing 250 acres, 135 acres, 79 acres, 20 acres, 62 acres & 5 acres.</p> <p>Requests Willie G. Hannah be given right to remain on property for her lifetime; the right to harvest all crops during term of option (signed 2/26/56).</p> <p>Amount payable upon completion of transfer</p>

198 114,000
Hardy, Frank A. & Katherine C.
Hardy, his wife

Property adjoining lands of Joel Hannah,
Clyde Hevener & U.S.A. & others.

Reserves residence house located on land & 10
acres of land surrounding it as designated by
parties of first part, with all necessary rights
of way of ingress & egress if required, the
reserve land to be restricted in use to normal
household & farm purposes & in such a manner as
not to create a local point of strong radio
interference. Reserves all growing crops on land
at time of option is exercised & right of refusal
to rent land if rented.

Amount payable in cash or at election of the
parties of first part in installments over a
period of 3 years, without interest, and a
vendors lien to be retained to secure deferred
purchase money.

HEVENER, Clyde & Ethel
Hevener, his wife

240 140,000

Property bound on N by Dale Hill & Joel Hannah,
on E by Monroe Beard Estate, on S by M. E.
Shineberry, on W by F. Hardy & USA.

Reserves all crops growing on land at time
option is exercised (signed 3/3/56).

Amount payable in cash.

HEVENER, Rosemary, Howard,
Neil, Mildred Lee, Mary C.
Summerson, Nancy Hevener

2,794 160/acre

Property is described as being 2,794 acres on
Deer Creek & being part of land of which Uriah
Hevener Jr. died, seized & possessed. (?)

Reserves the Mary C. Summerson residence house &
5 acres of land surrounding it with a right of
way over the existing road & all rights as set
forth in an oil & gas lease with Perry Gas Co.
of Logan, W. Va. of recent date; reserves right
and refusal of use of land if rented; use of
residence house & 5 acres of land is to be
expressly limited to normal household & farm
use and as to preclude a local point of strong
radio interference & also reserves Neil Hevener
residence house & 2 acres around it & under the
same conditions as the 5 acre reservation as
above set out.

Evener - Continued)

(option signed 2/23/56).

Amount payable one fifth in cash and the remainder in 4 equal annual installments in 1, 2, 3 and 4 years after date, but without interest. A vendors lien to be retained to secure deferred purchase money.

HILL, Gilbert Dale &
Ruby Jane Hill, his
wife

69 28,700

Property bounded on N by Hannah Road, on E by Bill Wiley, on S by Moore Beard & Moore Beard Estate, on W by Joel Hannah.

Reserves all growing crops on land at time option is exercised (signed 2/18/56) & reserves possession of residence house & 1 acre around it and a garden of one acre until January 1, 1958.

Amount payable in Cash. (*\$8,700 plus cost of all outbuildings erected on land from this date to date of the exercise of option).

KESSLER, Elizabeth A.,
widow, single

8 \$1,600

Property bounded on N by T. L. Brown, on E by State Route #28, on S by Moore Beard & NE by Rachel Arbogast & containing after reserves hereinafter set out 8 acres.

Reserves from her original 10 acre tract 2 acres of land in front of 18 acre tract, including her house & extending all along State Route 28 & for a depth to make 2 acres.

Amount payable in cash.

LAMBERT, Maggie Lee
(widow) & Woodrow Lambert
(single)

127 \$12,000

Property bounded on N by Elmer Shinsberry, on E by Elmer Shinsberry, on S by Kent Galford & USA & on W by USA.

Reserves all growing crops on land at time option is exercised (signed 2/17/56); reserves possession of residence house & 1 acre of land around it & 1 acre of land for a garden until January 1, 1958.

Amount payable in cash. (*\$12,000 and the cost of all permanent improvements placed on land from date until time option is exercised.

Lucy C., widow (single)	103	\$30,000	Property bound on N by Elmer Shinaberry, on E by Willie Sheets, on S by Elmer Shinaberry, on W by USA.
			Reserves all growing crops on land at time option is exercised (signed 2/22/56).
			Amount payable in cash.
MOOMAU, Lillian E. (single), and Lucy C. Moomau (single)	115	\$11,500	Property bound on N by M. L. Shinaberry & W. A. Arbogast, on E by Ferris Hamed, on S by Mr. Ben Campbell & B. Ashford & Kent Galford, on W by Kent Galford, & Elmer Shinaberry.
			Reserves residence house & outbuildings & 3 acres of land around them. Reserves all timber on land with right of removal for year after date of exercise of option (signed 2/23/56). Reserves all growing crops on land at time option is exercised. Parties of first part want first refusal of land if rented, also permission to remove barn if desired.
			Amount payable at the election of parties of first part five equal annual installments with a vendors lien to be retained to secure deferred payments, deferred payments to be without interest.
RILEY, S. J. & Elsa, his wife and Gus Riley & Opal, his wife	22	\$3,000	Property bound on N by Leon Ervine, on E by Bembel Tracy, on S by the Hannah Road, and on W by Clyde Tracy.
			Reserve all growing crops on land at time option is exercised & further reserve the corn on land, with right to remove within 5 years, from this date (2/27/56) and further reserve all timber on the land, with right to remove within five years from date.
			Amount payable in cash.
Shears, Orlando H. & Anna L Shears, his wife	16	\$3,500	Property bound on N by Fred Conrad, on E by J. r. Kerr Estate, on S by Vere Barkley, on W by State Route #28.
			Reserves residence house and one acre of land surrounding it from this option (signed 2/28/56).

	NAME	ACRES	AMOUNT	
10	SHEETS, Jacob C. and Ester Sheets, his wife	68	\$11,000	<p>Property bound on W by State Route #26, on E by Kerr Estate, on S by Clyde Gillespie & F. Hamel.</p> <p>Reserve all growing crops on land at time option is exercised (2/15/56) and further reserve residence house & garden for personal household use to Jan. 1, 1958 and also reserve silo, it to be removed by Jan. 1, 1958 and further recover 10,000 feet of timber, it to be removed by Jan. 1, 1958.</p> <p>Amount payable in cash.</p>
27	X 9 6 SHEETS, Willis and Mamie C., 161 his wife	161	\$25,000*	<p>Property bound on W by Road, on E by State Route #28, on S by Lillian Moomau, June Riley, and Arbogast, and on E by Lucy C. Lowe and others.</p> <p>Reserve all growing crops on land at time option is exercised (signed 2/25/56) and further reserve all timber and pulp wood with right to remove from date to Jan. 1, 1958, with all necessary and covenant rights of way for removal. Also reserve right and refusal of use of the land if rented. Parties of the first part further reserve all of their rights under an oil and gas lease of recent date.</p> <p>Amount payable in cash at election, \$7,500 in cash and balance in three equal annual installments in 1, 2 and 3 years, and a vendors lien to be retained to secure deferred payments. (*\$25,000 and the cost of all permanent improvements placed on the land from this date).</p>
15	SHINABERRY, Emer P. & Thelma A., his wife, and M. C. Shinaberry & Florence Shinaberry, his wife	157	\$25,000	<p>Property bound on W by Willie Sheets, and Lucy C. Lowe, on E by Lillian & Lucy Moomau, on S by Kent Galford & Lamberts, on W by USA, bounded by Clyde Hevener, Frank Nardy & Lucy Lowe.</p> <p>Reserve all growing crops on land at time option is exercised (signed 2/16/56) and reserve possession of lands belonging to M. C. Shinaberry until Dec. 31, 1956.</p> <p>Amount payable in cash.</p>

SHINABERRY, M. E. & Florence,
his wife, & Lucy C. Lowe,
single

24

\$ 3740

Property bound on N by Clyde Hevener, on E
by Lucy C. Lowe, on S & W by Lucy C. Lowe.

Amount payable in cash.

SUTTON, Herbert (single)

10

\$300.
acre

Property described as all land lying E & S of
following line & containing 10 acres, beginning
at a fence post near the turn of State St. 25' E
near the intersection of the Pine Grove road &
thence with the fence in a NE direction to the
garden and thence in a SE direction with the
garden fence to the corner of the garden and then
in a NE direction with the garden fence to the
corner to a corner of the orchard and thence
continuing the W side of the orchard fence in a
northeasterly direction to a point 150 yds. in
back of residence house, thence due E to the line
of Talvin Verner.

Reserves from the operation of option (signed
3/6/56) all growing crops at time option is
exercised. Agrees that the remainder of his
property will be used for ordinary household &
farm purposes and so as not to create a local
point of strong radio interference. Expressly
agreed and understood that if this option is
not exercised for a Radio Astronomical Observa-
tory it shall become null & void. Option subject
to lease for oil & gas with the Delaware Co.

Amount payable in cash.

TRACY, James C. and
Dessal, Tracy

\$25,000

Property bound on S by Hannah road, on W by
Hannah property, on N by Hevener property & on
E by Clyde Tracy property.

Amount payable in cash.

K 10 TRACY, Stephen C. and Elsie
A. Tracy, his wife

33 \$16,000

Property bound on N by Leon Ervine & Uriah
Hevener Estate, on E by Leon Ervine, on S by
Squire Riley & W by Claude Tracy.

Reserves all growing crops on land at time
option is exercised (signed 2/16/56) & reserves
possession of residence house and garden until
Jan. 1, 1958 & further the right to exercise
the option to rent for farm and ordinary
household purposes until Jan. 1, 1958.

James C. - Continued)

Payable in Cash. *(\$16,000 and the cost of all improvements on residence house from date this option is exercised).

VARNER, Talvin E. & Mary
M. Varner, his wife

20 \$300./acre

Property bound on N by Delbert Gillespie, and C. Gillespie, on E by reserve of portion of first part, being a line running NS in the center of the road on the W sider of the residence house, on the S by Markwood Gum, on the W by F. Conrad, and Herbert Sutton, and containing 20 acres more or less.

Reserves all growing crops on land at time option is exercised (signed 2/17/56) and further their rights in an oil and gas lease of recent date with the Delaware Co. and as therein set forth, and further to have the right to rent the land for farm purposes at an agreed reasonable rent until Jan. 1, 1961 and further reserves the garden and orchard and plant 2 acres of ground, and the timber.

Amount payable in cash.