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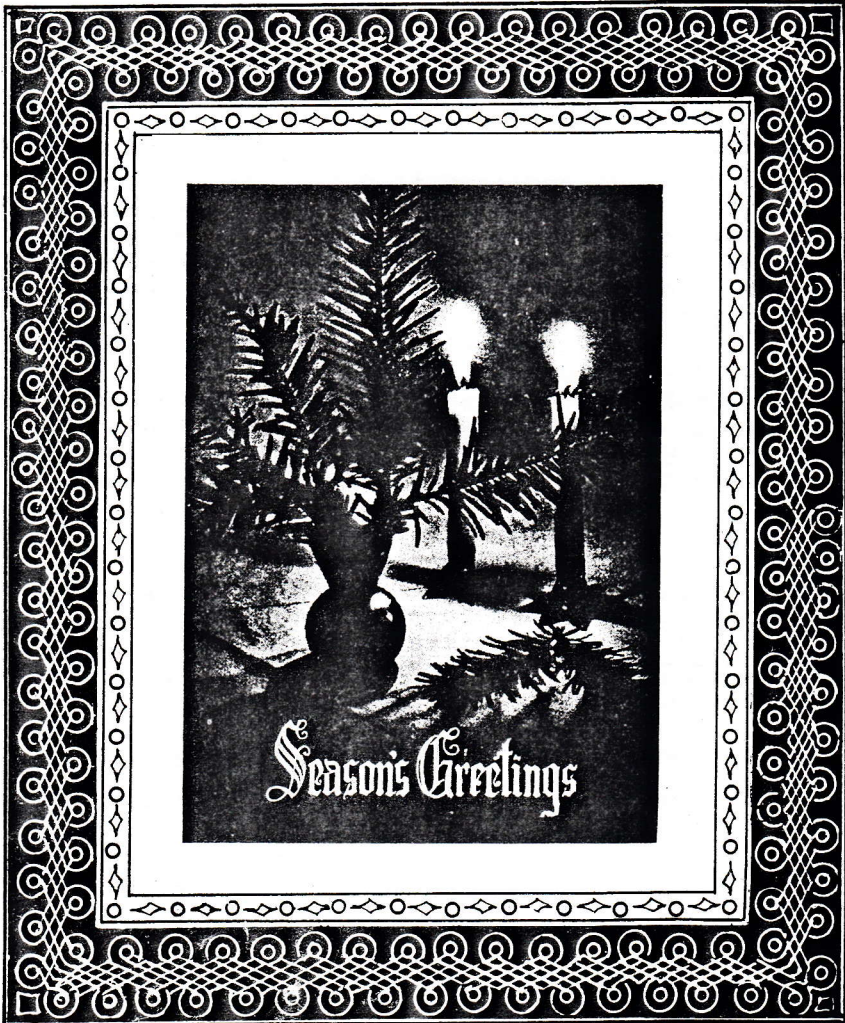
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Biomechanics



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U.S.A.

Our 22nd year of publication

COMING INFLUENCES

We seldom find material worth commendation, and for that reason we do not have a policy of recommending things for our readers to buy. This is an exception to our policy because of the vast research that was involved by the authors.

We recommend the book "The Jupiter Effect" by authors John R. Gribben and Stephen H. Plagemann. It is printed, in pocket book form, by Vintage Books of New York.

This book not only verifies much data in the "Proceedings", printed in the early 1950's, but it also serves as a guide to your future security.

The linear lines of force in space, that power all moons, planets, suns and galaxies, was drawn and written up by us before there was a space program.

These linear lines of energy were verified by the space program. The positive lines of force were discovered to have a wave length of 8 to 10 cycles per second, the same as the human brain wave. This resonance, in itself, proves that we are influenced by external forces. "The Jupiter Effect" goes beyond this to verify that these external influences effect our communications, the weather, the borealis at both poles, the earths magnetic fields and interplanetary reactions. This book literally verifies that every living thing is influenced in some manner by external forces to the earth. "The Jupiter Effect" mainly bears down on the planetary and solar reactions to earthquakes on the earth.

We are naturally pleased with the outstanding work of the authors, because it ties many things together that in their separate states did not add up before; and it scientifically backs up our data of 20 years ago in the "Proceedings".

We are printing a drawing of the space program findings relative to the earth and the sun. This shows that the polarity effects are external to our whole solar system. The knowledge on this drawing will be amplified on as the years go by. It will be

established very soon, that astrology is not a pseudo-science but a factual cyclic reality of external influences, that was not accepted simply because there was not enough scientific data available to verify it.

We compliment the authors of "The Jupiter Effect" for compiling such a noteworthy book. We recommend that our readers study it.



HOLIDAY GREETINGS

Your Director, and the staff here at the College of Universal Wisdom, wish to send our readers greetings at the Christmas and New Year Holidays.

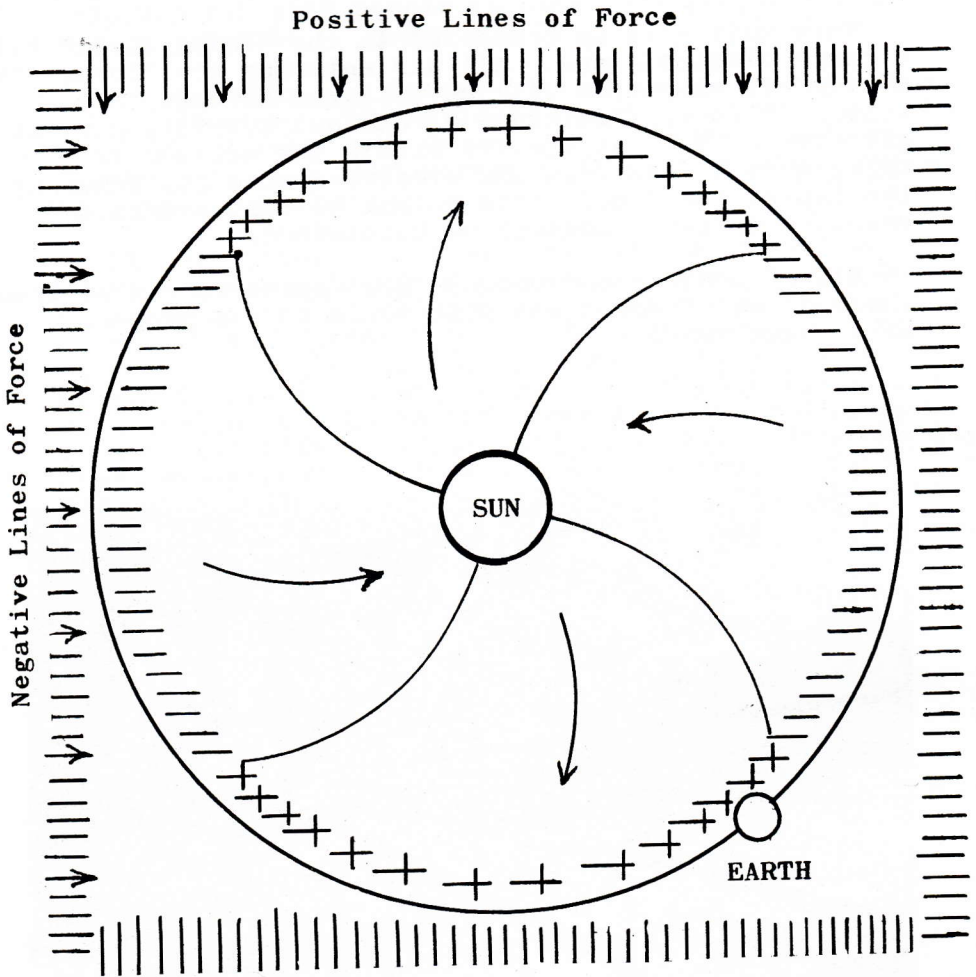


ANNIVERSARY

This issue of the "Proceedings" starts our 22nd year of its publication. This paper is sent world-wide and contains much information that is years ahead of the scientific verification.

Twenty-one years of printing this donation-supported paper, is, in itself, a miracle. According to the printers most donation-supported bulletins fold up in the first three years.

We will continue to afford you advanced information as long as your inspired gifts keep coming in.

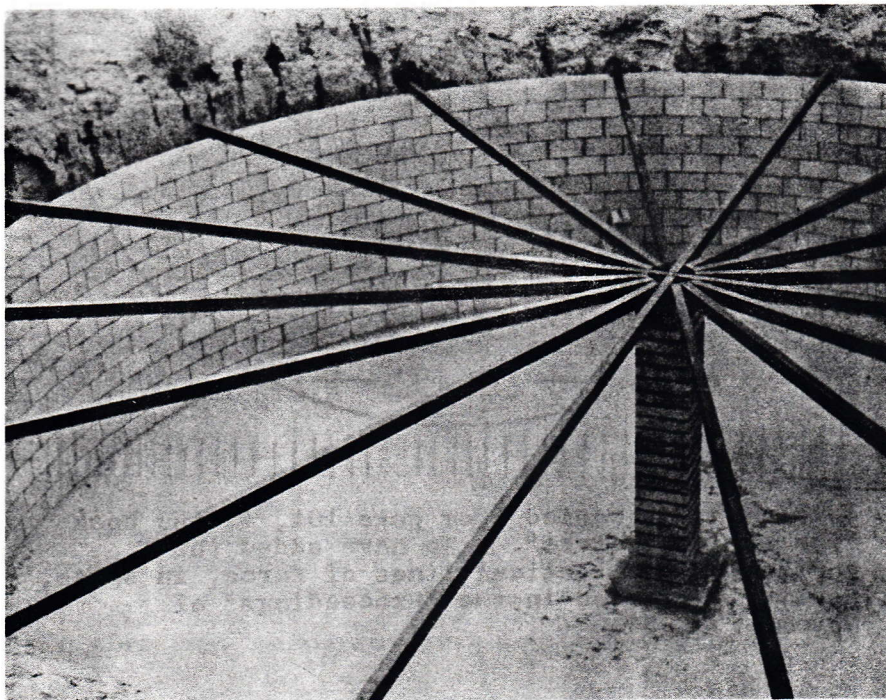


Drawing is copied from page 101, in the book "The Jupiter Effect". We have added the horizontal and vertical lines of force, in space, as it was printed in the "Proceedings" of November, 1954.

This is a picture of the underground humidity control for the "Integratron". This 36 foot diameter, 8 foot high concrete structure is shown with the steel top supporting beams. It is now finished and covered over with dirt.

This unit will be connected to the "Integratron" with a large plastic pipe. All air entering the "Integratron" during its operation will be filtered through this unit. This will maintain a constant humidity percentage within 2%. As the air within the machine is charged with ions from the electro-static reflector in the top of the dome, it is essential that a constant relative moisture content be maintained.

All of these constructions are expensive and we thank those of our readers who contribute to the progress being made here.



BIOMAGNETIC RESEARCH AROUND THE WORLD

Years ago we published data on the effects of people on other people. We stated that it was possible for sick people to make well people sick, and vice versa.

Clyde Baxter, L. George Lawrence, Dr. George Crile, George Lakovsky, Nikola Tesla, Geno Barnothy, T. Galen Hieronymous, Dr. Ruth Drown, and ourselves, among many others, who have worked with this "instant media" know its communicating potentials.

Living cells, in a life level of their own can only respond and conform to natural laws. They do not need radio, or telephones, to communicate; neither do they have courses in chemistry, or physics. They have no A.M.A., doctors, Health, Education and Welfare or any level of education, unions, or politics. They only respond to the natural laws of reaction, reciprocation, polarity, balance, and survival. Moisture is their environment. They are a civilized level of life that make stationary and mobile conglomerates of themselves function.

Through the instant media of mind, which is a universal static essence, they know what to do at all times. Through a microscope, the cells in a drop of blood all seek to be in that moist center as it grows ever smaller drying out. They fight and push each other, trying to survive knowing dry is death for them.

Blood, being para-magnetic, partly due to its iron content and as a result of the polarity in cells, responds to magnetic laws. Blood is the fluid drive of the physical body. Its motive power is the static essence of the infinite life force in space, on planets, ad infinitum.

Recent tests conducted in the Soviet Union were registered as a major discovery by humans. The cells already knew it.

Living cells, separated by heavy glass, were deliberately infected with a disease on one side of the glass. Those on the other side quickly developed

the same disease although they couldn't possibly touch each other. The scientists said it was impossible. Then 5000 tests were made and the "impossible" occurred 5000 times. It was found by extremely sensitive instruments (probably a Hieronymous device), that the cells were transmitting radiations. The revolutionary discovery was made at the receiving end. Never before did biologists believe that sick cells could make well cells sick by sending the program of its disease by radiation. (This is where underground tests of atomic devices will react soon on the planet as a whole, and proof that a hospital full of sick people is the last place to get well in.)

The Soviet scientists soon verified that a stricken cell sends out a fatal broadcast, and healthy cells in the same resonance received it with fatal results. Then they verified that cells transmit only the same kind of sickness in the receiving healthy cells. This is the reason all forms of sickness can only be stopped as a cause, not by treating the effects.

"Biomagnetics is the science which deals with the effects of magnetic fields, whether permanent, electromagnetic, constant, pulsed, terrestrial or extraterrestrial, on the biological systems.

This field of research is being conducted and carefully studied in the United States and many other countries. Biomagnetics, is also referred to as Magnetotherapy and Magnetobiology.

Magnetotherapy basically consists of applications of low frequency magnetic fields: 50 Hz sinusoidal fields, pulsating fields of 50 to 100 Hz, periodically interrupted fields, also rotating magnetic fields."

"Prior to the introduction of magnetotherapy, by V.I. Karmilov, in the U.S.S.R., in 1938, as a physiotherapeutic discipline, this form of therapy was considered as a form of quack medicine.

Sinusoidal fields have been used in hospitals in the U.S.S.R. and in the clinic of Permian Medical Institute, as far back as 1944. The Permian Highway Hospital was the first institution to use magneto-

therapy as a standard physiotherapeutical procedure, under the direction of A.A. Tyuryaeva, in 1951.

V.I. Karmilov has designed instruments having an inductor, which consist of a coil wound on a U- or E- shaped iron core fed from a power line. The magnetic field set up by the inductor of the instruments is from 400 to 600 Oerstedes at the core poles with a cross section area of 9 to 30 cm².

Satisfactory results, both in the clinics in the U.S.S.R and in our research clinic, here in Puerto Rico, have been obtained in the treatment of trophic ulcers, slowly healing wounds, burns, bronchial asthma, algescic syndrome associated with traumatic injuries of the peripheral nerves, cardiovascular diseases with decompensation effects and otorhinolaryngological ailments, to mention a few.

An average treatment series consist of 15, but rarely exceeds 20 applications. The treatment time is first gradually increased from 10 to 20 minutes, then decreased to only 10 minutes. We have only used magnetic field applications on the affected area of the biological system, but we are in the process of designing an apparatus to expose the entire trunk including the spinal cord with the aid of four inductors with relatively long cores and transformer-iron plates.

In Japan, a manufacturer, the Kasawi Electric Industry Company, produces magneto-therapy instruments, the inductors of which are electromagnets which act on the patients body by producing both magnetic fields and perceptible vibrations. The electromagnets produce sinusoidal fields of 50 Hz with an intensity up to 150 Oerstedes and vibrations in the audio frequency range from 500 to 1000 Hz. The intensity of the magnetic field and the vibrations are controlled in steps. These instruments are produced in various shapes and sizes, portable units weighing up to 11 Kg, having from one to four paired inductors with a straight core, consuming at maximum a power use of 150 VA.

A stationary model, in the form of an armchair has five inductors with U-shaped cores in various regions.

Still another model is a collapsible mattress, size 90 X 180 cm, which is used in the relief of fatigue.

The company, which produces these instruments, recommends treatment of three daily procedures, with treatment of the head being limited to no more than 15 minutes each. All other regions of the patient being treated can be exposed to treatment for up to 30 minutes. These instruments are used in Japan for such conditions as arteriosclerosis, cold ailments, and cases of trauma, burns, and frostbite.

Clinical tests of the above instrument, in the U.-S.S.R. have proved that "Magnetovibrotherapy" has a beneficial effect on patients suffering from hypertension. They also have recorded that treatment with this instrument has a marked clinical effect in diseases of the peripheral nervous system, such as, lumbosacral ischiuradiculitis and neuritis of the ileoinguinal nerve. Romania has also conducted clinical tests of the same instrument, with the same recorded success."

"Biomagnetics as long ago as 1930, has shown practical applications. V. Ya. Vilenkin of the U.S.S.R obtained a patent for an instrument which subjects the subjects body to combined magnetic and electrostatic fields. Mr. Vilenkin also suggested the use of a solenoid or rotating electromagnet which could be fed, as in the case of the electromagnet, with a dc current. Mr. Vilenkin considered the local and general treatment of the subject, by placing them within the magnetic field, inside a solenoid or by exposing them to the field by rotating an electromagnet around the local area treated with its core pole as close to the area as possible. (Ed: The "Integratron" uses magnetic and electrostatic fields for regeneration, although it is not intended for healing purposes.)

A patent was obtained in France by I. Meurer (inventor Y. Meier), french patent number 847044, for an instrument which was used for the healing of malignant tumors. The region with the tumor is placed between two dc electromagnets, the supply of current to one of the electromagnets being mechanically interrupted at the rate of 120 times per minute. The instrument, was reported to have given positive results even in the presence of metastasis."

"K. Erenfelsom, in Denmark patented a device for acting on the human body with a magnetic field, in 1934, patent number in Denmark 51997. The inductors were flexible multiwinding solenoids in the form of rings of different diameters and circular cross sections which could be placed on the head, extremities, and other areas of the person being treated with it.

A solenoid can set up in the body tissue much higher magnetic field strengths than can an electro-magnet.

The specific results obtained with intermittent magnetic fields seem to indicate that they can be effectively used together with continuous and constant magnetic fields."

Biomagnetics is easily endured by the patients, so exposed. There is no pain or severe discomfort involved and the duration of this form of treatment is either equal to or just slightly exceeds that of standard physiotherapeutic procedures, with a marked clinically tested superiority in the observed results. In most cases, the therapeutic effects are observed directly after the end of the treatment, application or exposure to the magnetic field. No adverse pathological reactions of a general or local nature have been noted."

"The magnets used by the University of Biomagnetics Research in Puerto Rico are all magnetized by the method known as "Conventional Magnetization", with only one pole per surface area. These magnets are in shapes of barrels, rectangular and square, in sizes of from 2 cm X 4½ cm up to 11 cm X 7 cm.

Each magnet only has two poles, one on each end, or surface depending on the shape of the magnet. We only expose the patient to one single pole, either North or South.

By using this method, we have observed and recorded, that the effect of the North pole of the magnet, has the ability to arrest or sedate the abnormal conditions, exposed to that field, if proper time and series of exposure are used. The South pole of the magnet, has the ability to stimulate or upgrade any condition or

biological system exposed to its field, also if proper time and series of exposures are used.

We have recorded and on file, the medical records of the persons so exposed, both before and after such exposures. Our results in correcting abnormal physical and mental conditions, with this method, have been outstanding. We have obtained positive results with such diseases as diverticulosis, abdominal pain, arthritis, correcting high or low blood pressure, chronic bronchitis, infections caused by bacteria or virus, nerve blockage, partial deafness, ear aches, tooth aches, abscesses and loose teeth in gums, mental depression and in some cases relapse of memory have been corrected with only one application.

It should be made clear that the length of exposure, the magnetic properties and the number of exposures required to obtain these results vary with the individual and the nature of the disorder being treated. The overall averages, as recorded by our research staff are, 20 to 45 minutes in timed exposures, the average number of exposures 8 to 14, average magnetic properties of the magnets used are 2450 gauss (Br) and 2200 Oersteds (Hc).

In the case of the treatment for nocturnal cramps, one of our Tech. Advisors, Professor F.G. Sulman, Head of the Dept. of Applied Pharmacology at the Hebrew University of Jerusalem, states that the corrective effect apparently has something to do with the interaction between the ferrous molecule in the myoglobin the muscles, which is deprived of its full action by the magnetic force."

"Several centers in the United States and the U.S.S.R. have reported that the effect of magnetic fields on living cells apparently are due to the effect on water in the cells. Water makes up nearly 99 percent of the molecules in the body and the total body weight of humans is 60 percent water. Magnetic fields can be used to ionize the atoms that make up the water molecule. Water molecules prove to be far from the simple units of 2 hydrogen atoms and 1 oxygen. Although this is their composition, they also form complex structures known as "Liquid Crystals" and such crystals are changed by a magnetic field exposure.

Magnetically treated water, is being used in Russia to treat a great many human ailments. These magnetic treatments of water were first developed by three specialists: Dr. Gregory Gerbenshchikov, Ivan Shevtsov, and Kirill Tovstoles. All three are specialists in Urology at the Kirov Military Medical Academy, in Leningrad. This treatment has shown to be very effective in breaking up kidney stones, into small enough particles to be passed without any pain or danger to the patient treated with the introduction of magnetically treated water into the system, orally of course. The patient was given 20 percent of the total water consumption per day, in a magnetized state to start and the percentage of magnetized water is slowly increased by small amounts until 70 percent consumed per day is magnetically treated.

If you take into consideration that 60 percent of the human body weight is water and nearly 99 percent of all the molecules that make up the body of man are also water molecules, then you can begin to see the potential uses and influences which the proper magnetic field strength, polarity and length of exposure can have on the living system."

"The Institute of Higher Nervous Activity and Neuro-Physiology of the U.S.S.R Academy of Sciences is doing basic and practical research in the field of Biomagnetics. They have recorded and proved in repeated clinical trials that powerful magnetic fields give rise to "slow" brain waves and that it is possible to produce a drowsy state in humans and animals by applying strong magnetic fields close to the brain. In fact the brain waves influenced by this magnetic exposure resembled those during sleep.

They have shown, the same as we have also shown in our research program, that in many people pains of certain kinds are eased when strong magnetic fields are applied. So far this has been proven mostly with arthritis and kidney disorders.

Research has shown that treating the body with strong magnetic fields has beneficial effects on two widespread ailments; high blood pressure in its earlier stages, and obliterating endarteritis (a very serious disease which reduces and may even stop blood circulation in the lower extremities).

Very small electric currents, measured in millivolts, are known to exist in steady and various pulsing forms in nerves which are called bio-currents. Research studies claim that strong magnets can influence these bio-currents, just as magnets change currents in wires and coils. This appears to be the basis for the explanation of why a strong magnetic field can directly relieve the pains of arthritis sciatica and other related disorders. Other research studies conclude that the well known influences of weather, on disorders such as arthritis, bronchitis and asthma are due to the changing magnetic field of the earth during such weather changes or storms."

"I hope that the reader has been made aware of the possible applications of magnetic fields and their effects on the biological system so exposed to them. Our research work here at the University of Biomagnetics Research Puerto Rico has proven to us, without a doubt, the validity and effectiveness of such application and the beneficial effects we have noted from such exposure, can only be concluded to present a new and vastly expanding form of future corrective therapy that can be applied to the living system, to bring about a state of wellbeing and proper health, without pain, fear or adverse after-effects, if properly explored, recorded and used correctly to the advantage of the person or biological system so treated and exposed.

All of the information and results presented in this report, have been duplicated, verified and clinically evaluated by our staff, consisting of:

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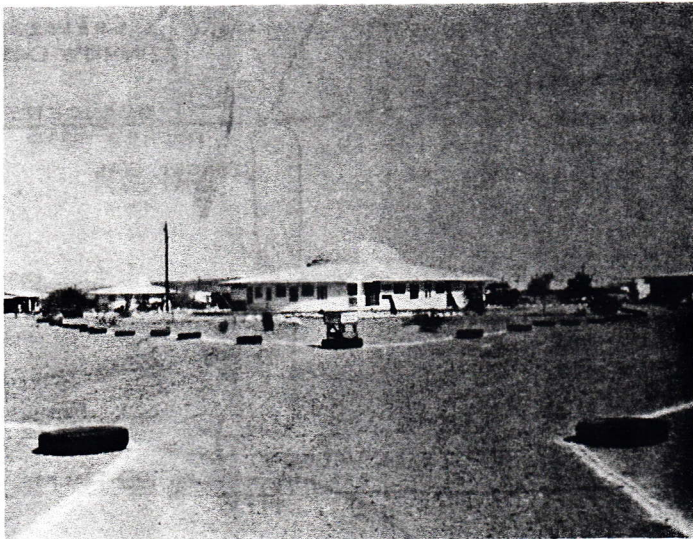
We want to thank Associate Charles T. Turley Ph.D.,
Director of the University of Biomagnetics Research,
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for much of the data in this article.

PHOTOGRAPH

This photograph shows Dan Fry's new location in
Tonapah, Arizona, 50 miles west of Phoenix.

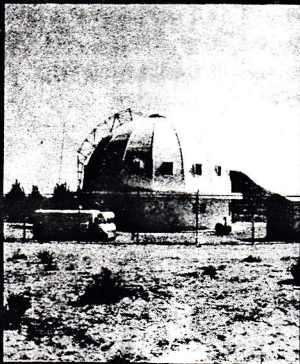
These are not "flying saucers", but are round build-
ings built by Rev. Dr. Enid S. Smith. This entire
acreage was dedicated to Understanding, Inc. by Rev.
Smith.

Dan plans a scientific, cultural use of this center,
majoring in solar energy research. Any of our readers
traveling in the Phoenix, Arizona area, should take the
Tonapah Exit off Interstate 10 and visit Dan and wife
Florence, on Indian School Road.



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