We hold these truths to be self-evident:
that all men are created equal;
that they are endowed by their Creator
with certain inalienable rights;
that among these are life, liberty, and
the pursuit of happiness;
that to secure these rights, governments
are instituted among men, deriving their just powers
from the consent of the governed;
that whenever any form of government becomes
destructive of these ends, it is the right of the
people to alter or to abolish it, and to institute new
government, laying its foundation on such principles
and organizing its powers in such form, as to them
shall seem most likely to effect their safety and
happiness.

From the Declaration of Independence
Over three years ago when we adopted our Profit Sharing Plan we provided for what is probably one of the most liberal plans of its kind in the United States. For the three full years in which our plan has been in effect the company has retained, after Federal taxes, an average of 85.3 cents for every $1.00 paid into the Profit Sharing Plan. Thus, it can be seen that the employees are, in effect, real partners in our business and as a group share directly in the company's earnings to the extent of considerably more than 50 per cent. (Unfortunately, our Profit Sharing Plan cannot at this time be extended to employees working in Canada and some other foreign countries because government fiscal regulations forbid this type of plan.) Furthermore, each employee's share of the Plan becomes fully vested after 15 years of service and he may withdraw all or part of it at that time whether or not he remains with the company.

The salaries of our employees are as high or higher than those paid by any geophysical contractor and we expect to maintain them always at this or a higher level. Our employees also have other liberal benefits such as group life insurance, hospitalization insurance, and sick leave, and we are constantly studying ways to liberalize these plans further and to add others.

Consequently we have for some time felt pretty smugly complacent about our "partnership," thinking that reasonable employees could hardly expect much more from any company. But the other day I was jolted out of my complacency when someone reported to me the remarks of one of our fellow employees, which were to this effect:

"Yes, it is true that the Western Profit Sharing Plan is liberal. But the fact is that it is too liberal, and that makes it a trap—a deadly trap. After being with the company a few years you can't afford to quit because too much is at stake—so you are trapped."

This was indeed a new thought, but I did not recognize its full implications and I quickly dismissed it from my mind.

Sometime afterward I recalled this employee's remarks and slowly I began to see that perhaps the complaint was really justified.

I recalled my early hopes and dreams. What if the Bell Telephone Laboratories had provided a Profit Sharing Plan similar to Western's in 1926? I, too, might have been "trapped" and I might never have entered the geophysical field I have found so gratifying and rewarding. Yes, in trying to assure the future of our employees too well we may have succeeded in placing some of them, at least, in a "trap."

America is a land of venturesome people with all sorts of ideas, hopes, and aspirations. The freedom to experiment, to venture, and to risk must not be fettered by anyone or anything—not even a good-intentioned Profit Sharing Plan. It is not right to place people in a position where they must give up so much to venture forth in a new enterprise, a new job, a new field, or even a new environment. I decided at that moment that this problem had to be resolved so no one might ever again accuse Western of having created a "trap" for its employees.

After considerable thought I believe we have, in a great measure, finally resolved the dilemma which we had created.

A new plan is now being placed in effect permitting any employee with five or more years of service to take a year's leave of absence. The employee will be free to seek a new position with another company, to go into a business of his own, or undertake any other legal and ethical activity. The only restrictions are that he cannot join a competitive geophysical contracting organization or engage in any phase of the oil business that is inconsistent with our professional ethics. During the employee's leave of absence he will be continued in the Profit Sharing Plan and will be entitled to all the other benefits upon his return.

I hope that the announcement of this new plan will not be taken as advice to embark indiscriminately on poorly-conceived new ventures or to change merely for the sake of change.

We believe we have a great company and a great future and we hope you will share that future with us. But human hopes and aspirations are boundless, and no one company can provide ample berth for all of them. To those who have well-thought out plans and who would like to try something new we offer you the opportunity to do so at minimum risk. If you fail you will receive our warmest welcome upon your return. If you succeed we shall be happy to learn of your success.

Henry Salvator

JULY - AUGUST 1954
Two important departments at the Los Angeles laboratory are research and production. Neither can be of maximum use to Western without a third—the drafting department—which serves as a go-between for research and production. Here new equipment that has passed research tests is designed and drawn to meet engineering, space, and manufacturing requirements. The drafting department's drawings show the men in the electronic, machine, and body shops exactly how to make each piece of equipment.

Mechanical Design Engineer Peter Burger makes the drawings which are used by the machine and body shops to produce mechanical parts for seismometers, amplifiers, drilling machines, cameras, and the various equipment used by Western's crews. Peter must make more than 100 drawings before a
camera can be made and he finds that the body alone
of a recording truck requires at least another 100
drawings.
"Each part, no matter how small, must have its
drawing to show the machinist what to do and how
much leeway he has," Peter says.
Even a relatively simple modification of an in-
strument or a truck can alter a whole series of draw-
ings since one change is apt to lead to another in
the very precise equipment manufactured at the lab.
A graduate of the Munich Institute of Technology,
Peter came to the United States in 1950 and to West-
ern in December, 1952. It is much easier to get him
to talk about his wife, Nina, and son Ernest, 6, than
about the new equipment he is designing.
Engineer Hardy Glenn, a six-year man with West-
ern, helps bridge the gap between research and elec-
tronic production. Hardy makes drawings of elec-
trical circuits, showing the intricate wiring in such
instruments as the amplifiers, panels, master con-
trols, group selector boxes, and cameras. These
drawings guide the men in the "wire room" who ac-
tually make these instruments.
Hardy also prepares the complete guide books
that are sent out with each recording truck. The
books contain diagrams of all equipment in the truck
and are a valuable aid to the recording crews. Each
book is "custom made" since no two trucks are ex-
actly alike. A copy is kept at the lab to insure the
proper handling of future correspondence regarding
the operation and maintenance of the unit.
Hardy is known as "W6RZB" in California "ham"
circles—he has been a radio amateur since 1932.
Flying was another hobby until Gwen, 8, Allen, 6,
Bruce, 3, and Gail, 1, grounded him for good in Tor-
rance. His wife, Gloria, is busy moving the family
into the Glenns' new home. Hardy will have his
hands full shifting his machine shop and radio-TV re-
pair equipment.
Senior Shop Foreman Mack Towns presides over
the machine and body shops. He also supervises
the mechanical stock since part of his job is to see
that everything "gets together" at the right time.
In addition Mack acts as liaison between the crews
and the machine shop, handling correspondence on
mechanical equipment.
Off duty, Mack goes in for such "equipment" as
fishing poles, but has to admit that the fishing hasn't
been very good lately. Mack came to Western in 1945
after spending "five years and 21 days" with the Ordnance department of the United States Army. An Oklahoman who was raised in Colorado, he now lives in Hawthorne. He and his wife, Eletha, have three children: Sharon Ann, 14, Walter, 8, and Kathleen May, 6.

The machine shop manufactures approximately 2,000 items from 18-inch in diameter winch drums to lensholders measuring three-eighths of an inch. Also manufactured in the machine shop are what Shop Foreman Harold "Chief" Starkel calls such "pretty fancy" items as timing motors, cameras, and camera magazines.

Reel drives, mast lifts, power units, swivels, rotary tables, winches, and power take-off units for Western's trucks are also assembled in the machine shop, many of them by Ford Kaiser, who started working at the lab in January, 1948.

"Precision" is the password in the machine shop. Many of the parts made have tolerances measured in ten-thousandths of an inch. The oscillograph camera, which is capable of producing records of uniform predetermined time length, and with such accuracy in the speed control of the paper drive that time lines on the records will not vary as much as one-hundredth of an inch is typical of equipment produced in the machine shop.

The shop's heavier equipment includes milling machines, engine lathes, drill presses, a stamping press, a heavy duty brake and shear, and a Wales hydro-pneumatic punch.

The shop also is fully equipped with some $200,000 worth of tools, jigs, and fixtures. These are the special care of "Chief" Starkel, who designs some of the tools himself. Another of "Chief's" tasks is to allocate jobs to particular men and machines, to "keep the ball rolling," as he says.

"Chief" is an ex-Navy man who developed the first wind-driven hydraulic tow reel ever installed in an airplane. "Chief" was commended for this invention, which was designed for towing targets for antiaircraft practice. He and his wife, Rose, are proud of their three children and two grandchildren.

Another ex-Navy man, John Teschler, is foreman of the body shop where the drill, water, shooting, and recording trucks are built. John has a group of five expert men working with him.

"They're all old timers," John says about the shop men. John himself has worked for Western for eight years. He joined the company after three years as a Navy Seabee doing construction work on the Solomon Islands. John lives in Monterey Park with his wife, Julia, and their three children: Ronald, 11, Sharon, 7, and Dennis, 4. Building must be in John's blood: he made the patio, barbecue, and fire-
place in the Teschler Home.

Some of the body shop men specialize in different work. Paul Hepburn builds recording trucks, which demand a high degree of accuracy. Norman "Shorty" Aranov specializes in instrument racks. Frank Jones, Bert Johansen, and Jack Jones work on the other trucks built in the body shop.

Western buys only the chassis and motor of a truck, the body and fittings are built at the lab. Getting a full set of trucks together for a new party takes about four or five weeks. The drill, John says, is equally as complicated to build as the recording truck because of the large number of parts involved.

Stainless steel bodies are the latest develop-

iment in recording truck design and are standard equipment on these trucks now. The new bodies make for greater length of service and less repairs.

The body shop men construct drills varying from light four- or five-ton rigs for shallow holes to large eight-ton rigs capable of boring a thousand feet or more into the earth. John's men also rebuild and repair Western trucks and field equipment and build whatever is needed around the lab.

Practically every part of a frame, bed or body, is welded, bolts being used only on parts which might possibly require replacement in the field. This rugged construction has proven its merit. Some of these trucks have broken through bridges and turned over in water only to be fished out and placed back in serv-

Ford Kaiser is proud of this hydraulic press which is used for heavy pressing and assembling and disassembling, primarily of drill truck parts. An experienced mechanic, Ford inspects all parts made in the machine shop before they leave the shop.

Western builds quality equipment known throughout the industry for its ability to produce the finest work possible. The men of the drafting department and the machine and body shops work together closely to maintain our standards and to keep each crew operating at maximum efficiency.

Body Shop Foreman John Teschler puts on a hinge for the battery box of a recording truck under repair.
Henry Salvatori, left, and Dr. J.E. Wallace Sterling, president of Stanford University, at dedication ceremonies of the new Henry Salvatori Laboratory of Geophysics.

Photo courtesy Petroleum World & Oil.

**Salvatori Laboratory Opens at Stanford**

A new geophysical laboratory, the gift of Henry Salvatori and the Western Geophysical Company of America was dedicated May 15 at Stanford University.

The $60,000 lab will be used to train student geophysicists and to provide space and equipment for original research projects. Equipment for the lab includes a portable seismograph, a magnetometer, a gravity meter, a torsion balance, and a recording truck that also was a gift from Western. Other equipment gifts came from Shell Oil Company, Stanolind, and Humble.

With its new facilities, Stanford's School of Mineral Sciences is equipped to take a front rank position in training students of geophysics.

**Letters to the Editor**

**Sheridan, Wyoming**

(The following poem may be of interest to other doodlebug wives...)

"Dinner at seven is a dream that is fine—
Eight-thirty's more likely the hour we'll dine.
You'll walk in the door and give with a grin—
Your classic excuse—"The drills just came in."

My beautiful roast is a charred piece of leather,
The biscuits (now rocks) were light as a feather.
At seven o'clock, the pie stood up bravely,
At eight twenty-five, it looked more like gravy.
I've rewarmed the peas a third time tonight
They're worn out from cooking—a horrible sight.
This is what taxes my culinary skills:
Shall I start dinner now—or wait for the drills?"

**Desmond Heads Western of Canada**

Jack M. Desmond has been appointed vice president and operations manager of Western of Canada to replace Harris Cox, who recently resigned from the Company.

Jack Desmond joined Western in 1935 as an assistant computer. He became a party chief in 1937, but interrupted his service to join the Army Signal Corps in 1943. A captain at the time of his discharge in September, 1946, Jack returned to Western and assumed the responsibilities of a supervisor in January, 1951.

Having previously supervised operations in Saskatchewan, Jack already is familiar with Canadian operations. His other Western experience includes tours of duty in Argentina, California, Texas, Oklahoma, and all the Rocky Mountain states.

A native of San Bernardino, Calif., Jack was graduated from the California Institute of Technology with a B.S. in electrical engineering. He and his wife, Rita, who comes from Regina, Sask., have one daughter, Nancy.

**Guam**

I enjoyed the magazine very much and think it is a very good idea. It sure is nice to read and see some of the people with whom I have worked...

About myself, I am in communication, and have been here on Guam for ten months and have eight more to go before I leave. I will get out of the Navy in November of 1956 and have plans to come back to work for Western. I enjoyed what little time I spent with (the company) and hope to be able to spend more in the future...

Sincerely yours,
Lawrence G. Summers, S.N.
440-19-10 "C" Div.
U.S. Nav.Com.Sta.Box 51
Navy No. 926, c/o FPO
San Francisco, Calif.

 Margaret Webb (Mrs. J.W.)
Party 17
PARTY PICKINGS

Party 65's field crew slogged through sand dunes from shot point to shot point on this job. Records poured in despite the heavy going, Bill Richardson reports.

Because of space limitations only a certain number of crews send a report for each issue. These are the crews that were asked to report for the July-August issue.

Party 65 - Rankin, Texas

Charles W. Dick came to Western in March, 1949, after graduating from Yale University with a B.S. in electrical engineering. He and his wife, Bettye, make a good team—she has a B.S. in geology from the University of Texas. Remains to be seen whether Catherine Ann, 3, will follow this "pattern."

W. F. Richardson, Reporter
Ronald Walton, Photographer

By stagecoach and pony express comes news from Party 65 doomed to exile in Rankin, Tex., home of javelina hogs and rusty rattlers.

Party 65 was formed at Seagroves, Tex., in March, 1952, and since has worked in New Mexico and Texas. The majority of their work has been on the "seismically" difficult Edwards Plateau.

CHARLES DICK, the party chief, is a native of Long Beach, Cal. Before becoming party chief of Party 65 in March, 1952, he worked on Party 33, 37, 19, and 35. The office personnel are VIC BOYD, JR., chief computer, WILLIAM RICHARDSON and RONALD WALTON.

Chief Observer ROBERT ROTON is kept busy with his 48-trace recording truck and 432 to 664 seismometers per pattern layout. Sometimes ten to twelve patterns are shot in a day. "BOB," a native of Lewsville, Ark., is a veteran of Parties 4, 13, 33, and 54.

BOYD GUFFY, junior observer, recently transferred from Party 7. The other recording help are ROGER COKER, MARION THOMAS, BILLY WIGINGTON, LAWRENCE WELCH, and JESSE IRBY.

JAMES HILBUN and JAMES LUCY, two of the "Mississippi Boys," and WENDELL CROMER, from colorful Colorado, look after two Diesel-driven, Schramm air-compressors, and two drills with masts extended to accommodate 2½-foot Kellys. Sometimes they drill 2000 feet without making a tool joint, which is "okay" with JAKE HAMMONDS, helper.

HILBUN and LUCY, two ardent fishermen, are happily located in the geographic center of the nation's best fishing country. Good fishing may be had by driving 500 miles in any direction.

RUPERT SMITH returned from Korean service in February to become a "red hot" surveyor for Party 65. After working in the sand dunes he was red and no doubt, hot. J. D. SHELLER holds the rod for him.

Recent transfers from Party 65 are: WILBUR RAY to Party 20, ROBERT CALICUTT to Party 19, ROBERT CARTER to Party 77, ROY GIBSON to Party 31, WILLIAM GRANT to Party 35, CHARLES FRITZ to Party 4, GLENN PRIDDY to Party 74, JESSIE KIRKLAND to Party 20, and JIM DOZIER to Party 19.

JULY - AUGUST 1954
Party 52 -- Chickasaw, Alabama

"Captain" Jim Rush worked his way through college playing football and breaking track records and held a letter in each sport for four years. Jim came to Western in December, 1945, and has toured 12 or more states with various parties. He has headed Party 52 since November, 1948.

Ralph Hill, Reporter - Photographer

Like all genuine seis crews, Party 52 has covered the ground, operating from Canada to the white, sandy beaches of Florida. For the last three and a half years we have operated entirely in the South, moving the last time from De Funiak Springs, Fla., to Chickasaw, Ala., where an extended land-water program is underway. The never-ending problems of operating a land-water-swamp crew probably make 52 the most versatile outfit in the business, and certainly there's never a dull moment.

JAMES RUSH, our chief, (better known as CAPTAIN JIM, builder of boats, barges, and semi-amphibious equipment), with the help of LEO IVY, our capable field coordinator, have rigged up a fleet that will navigate rivers, creeks, and bayous with drill and recording units. These converted barges, powered by outboard motors, have been very successful, and have resulted in a great increase of production over previous work done in the area.

LEO did a grand job getting things to operate smoothly and we hope he is doing well on the party in southern Louisiana. RUSS HOWE, who joined Western with Party 31 during the winter of '49, has taken over LEO's job.

RUSS helped to design a new swamp rig invented by PAT STEGALL and CAPTAIN JIM. The only one of its kind in the United States, we believe it is the answer to our drilling problem. Party 52 also has acquired a new self-propelled barge for our recording unit. Before this addition, instruments had to be transferred from truck to barge, which was a big job for the recording crew and new observer, CLIFF CHILDERS. CLIFF replaced LEN HOYT, who was needed on one of our offshore parties.

Besides our party here in Chickasaw, we have an additional unit, Party 52-A, which is part of a research team working in the Gulf coast area. "Cousin" WOODIE HOWELL is the driller for the unit and "Reverend" GEORGE CROWELL is the engineer. At last report they were operating in the city limits of New Orleans (day and night), but we wouldn't be surprised if they pulled into Chickasaw one of these days. Others on 52-A are J. D. MAYS, EDWARD
Party 54 - Lamesa, Texas

"I'm probably the only P.C. in Western who has spent five and a half years within a 100-mile radius of where I started work," writes Bill Rosser, and this must be some kind of a record. Bill roots for Texas Tech where he studied electrical engineering and took a B.S. degree. Bill joined the company in 1948. Their two boys keep the Rosser's on the move even if Western doesn't.

Herschel L. Riddle, Reporter
Ernest White, Photographer

Party 54 settled in Lamesa, Tex., in October, 1952, after moving from Lovington, N.M. We have had much less moving experience than most crews, having been located in only three towns. The crew was organized in Big Spring, Tex., in March, 1949. Later that year it moved to Lamesa and then on to Lovington, for a three-year stay.

Only two of the original members are still associated with the crew. They are Supervisor GEORGE SHOUP and Party Chief BILL ROSSER. When the crew was organized, GEORGE was party chief and BILL was chief computer.

Only four crew members who moved to Lamesa from Lovington remain. They are BILL ROSSER, Observer HAYDEN (ABE) BLEVINS, Surveyor CLEO SATTERWHITE, and R. L. COOK, who works with the recording crew.

Chief Computer JOHN WHITE and Shooter TROY

(Continued on page 12.)

Some members of Party 54 are (front row, left to right) Billy Merritt and Bob Griffith. In the back row, left to right, Troy Keithley, R. L. Cook, Hayden Blevins, Cleo Satterwhite, Ernest White.

JULY - AUGUST 1954
Western Geophysical Company of America earned a new safety record in 1953, scoring two firsts in the annual accident record compiled by the Safety Division of the American Petroleum Institute. The report shows that Western Geophysical Company of America achieved the lowest figure in both accident frequency and accident severity rates within a group composed of other major geophysical contracting companies operating in the United States.

Western Geophysical Company of Canada has also established excellent safety records for 1953. Its accident frequency rate is second only to Western Geophysical Company of America and its severity rate compares favorably with the average rate of the group.

The records of Western and the other reporting companies are compared in the following table. All the companies had over 700,000 man hours per year, with the exception of Western of Canada. The frequency rate is the number of lost-time accidents per one million man hours worked, and the severity rate is the number of days lost per one thousand man hours worked. Only lost-time accidents are considered in this tabulation.

1953 Lost-Time Accident Experience Record of Major Contract Seismograph Companies

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<th>Company</th>
<th>Frequency Rate</th>
<th>Severity Rate</th>
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<tbody>
<tr>
<td>Western Geophysical Company of America</td>
<td>5.89</td>
<td>0.03</td>
</tr>
<tr>
<td>Western Geophysical Company of Canada</td>
<td>6.35</td>
<td>0.25</td>
</tr>
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<td>14.38</td>
<td>0.27</td>
</tr>
<tr>
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</table>

Western joined the API survey in 1951 when the company initially scored safety "firsts" in a similar group with an accident frequency rate of 14.05 and a severity rate of .19. In 1952 Western placed second with a 13.36 frequency rate and first with a .16 severity rate.

The company's safety records are the direct result of an intensified, long-term program started in 1948—a program that has cut our accident rate by over 50 per cent since that year. Guiding the safety program is a committee composed of President Henry Salvatori, Dean Walling, V. E. Prestine, S. J. Chester, and Safety Director Carl Gerdes, who acts as secretary to the committee.

The chart accompanying this article shows the yearly decrease in our accident rate from 1948 through 1953. This chart reflects the total of all types of accidents incurred irrespective of the amount of damage involved. In 1946 we had an average of 0.60 accidents per crew month. By 1953 we had cut this to an average of 0.23 accidents per crew month. Each crew, therefore, had an average total of 7.2 accidents in 1948, a figure that was decreased to 2.76 accidents in 1953—a drop of 62 per cent.

This excellent accident record could not have been achieved without the full cooperation of every crew member. This support of the company program has benefited us all. By putting safety first fewer employees suffered either the pain or impaired earning power caused by a serious injury. As for the company, in 1953 Western’s insurance costs dipped $37,000 under the average insurance rates, and this money then became available for more rapid salary advances for many employees.

Complete records on each accident are kept at the Los Angeles office. When an accident report...
rives it is processed in this way: An individual card file is kept on each employee who has either an automotive or industrial accident and the current accident is added to this card. If it is the employee’s first accident a new card is made out for him.

Current accident reports and employees’ accident records are reviewed at Safety Committee meetings. Suggestions or decisions are then jotted down on the employee’s record for future reference. Every attempt is made to be fair and to give the employee the benefit of the doubt.

The accident cards form an integral part of the employee’s personnel record and are referred to when the Salary Committee reviews the employee’s record or if it is reviewed for any other reason. Factors such as the seriousness of the accident and the employee’s observance or non-observance of safety regulations are of course considered during such reviews.

Safety demands continued vigilance. To help focus our attention on this ever-present problem, the Safety Committee circulates among the field crews a bimonthly accident report containing a description of every accident. Each party’s accident-free time also is listed. Awards to individuals and dinners for the field crews are another important part of the safety program.

The Safety Committee welcomes suggestions for improving your safety program from each individual in the company. The company furnishes financial and technical help for the safety program, but it is you, the field employee, who can make the records that will keep you safe and Western first in safety.

Western Geophysical Company of America and Canada Crews

![Graphs showing accident statistics]

**Strange Visits L.A.**

Vice-President Booth B. Strange was in Los Angeles recently to review with the Western lab staff the results of recent new developments in recording equipment and to discuss instrumentation problems unique to marsh and offshore operations. During his visit to the Los Angeles office he discussed midcontinent operations with Henry Salvatori and Dean Walling and also talked with the Personnel Department about plans for the recruitment, assignment, and training of the spring graduating class.

Left, a lighter moment between conferences. From left to right, Don Frisbee, Sidney J. Chester, Lee Armond, Booth Strange, Stephen Chase, Henry Salvatori, Joseph Holtan, and Carl Savit.
KEITHLEY were transferred here from Party 21. Junior Observer ERNEST (SKINNY) WHITE, Rodman BILLY MERRITT, Helper BOBBY GRIFFITH, Computer R. L. PRICE, and Computer HERSCHEL RIDDE were hired in Lamesa.

Ten of the eleven members of the crew are married and seven of these couples have children. BILL ROSER and his wife, LOLETHA, have two sons, RICKY, 4, and JERRY, 3. JOHN and PEGGY WHITE became parents only last April when their son, PAUL DAVID, was born.

R. L. and MARGARET PRICE have a five-year-old daughter, JAN. CLEO and MARGARETTE SATTERWHITE have a newborn baby, KAREN ELAINE, born last November. They also have a son, STEVIE, 4. TROY KEITHLEY and his wife, JOYCE, have a daughter named CHRISTY.

R. L. and NELDA COOK have three daughters. MARTHA is two. Twins SHARON and KAREN were born last July.

HERSCHEL and ANN RIDDLE have a nine-month-old son, TERRY.

ABE and BETTY BLEVINS, SKINNY and BARBARA WHITE, and BILLY and MARY MERRITT are the other members of Party 54.

BOBBY GRIFFITH is the only bachelor.

The crew is currently enjoying a respite from the sandstorms which have plagued us since we came to Lamesa. Rain fell in April and May and brought an end to the drought and sandstorms, leaving us with fresh air and high morale.

(Continued from page 9.)

More members of the record-breaking Gulf coast crew are, left to right, Leroy Mathew, shooting boat skipper, Alva M. Kirk, John Collins, Joe Gable, Charles Willmuth, and Robert Blake.

Party 70- New Orleans, Louisiana

Robert Andrews, Reporter--Photographer

As this is the first report from Party 70 to the "PROFILE", we should like to give a brief history of the party. Party 70 was organized in March, 1953, with headquarters in New Orleans, under R. L. NICHOLLS as party chief. At the same time the field office was set up in Morgan City with JOHN HANCOCK as party manager. Party 70 was Western's first of the present water parties in the Gulf of Mexico and has furnished personnel for some of the more recently formed water parties operating in the area.

The members of Party 70 are quite proud of the records established in little more than a year of operations. Party 70 has been able to meet a consistently high production program and has operated for a full year without an accident. Also on April 4 of this year a record for one day's production for water crews was set when Party 70 shot 374 records.

We want to welcome our new supervisor, HOWARD DINGMAN, to the party. We were sorry to lose FRED DI GIULIO, and wish him well. We also want to welcome AL NEWMAN, chief computer, formerly of Party 19. We understand he is quite a tennis fan and intends to give CECIL WELCH and JOHN MAY some rough competition on the local courts.

The office force for Party 70 is rather fortunate because we have several beautiful parks and play-
Party 72 - Hays, Kansas

Jack Robinson, Reporter--Photographer

Introducing Party 72:
Party Chief W. T. "SCOTTY" SCOTT, JR., and his wife, TOMMIE JEAN; Chief Computer RICHARD "POP" BRUNET, who is single but looking, and Computer OMAR E. DE WALD and his wife, ESTHER.

Then we have Observer HOYT TYSON and his wife, JOYCE, and daughter VICKY (The Lip). Our Surveyor is KENNETH BRASHER and his family includes his wife, SAMMY, and son KENNEY and new daughter PATTIE ELLEN.

The drillers are JACK HARWOOD and HARRY SPENCER. JACK and his wife, EDNA, have four beautiful daughters, DIANE, RUTH, DORES, and KATHY. HARRY and his wife, RUBY, have two sons, LARRY and CURTIS. CURTIS is another new Western addition.

Junior Observer PAUL DRENNON recently brought his bride, MARY, into the Western family. Shooter E. O. ROSS is single and not looking. Our rodman, BILL HILL, also is a recent bridegroom, having wed PATSY not so long ago.

"Seismometer Replacement Engineers:" GLENN (JUNIOR) PRIDDY and his wife, CHARLENE; LAWRENCE UNREIN, RALPH WALDSCHMIDT, and LEROY WEIGEL. Driller's Assistant is WILLIAM (DU-
GAN) RIDDLE and the Permit man is JACK ROBINSON. Their wives are WANDA and LOLA respectively.

Party 72’s hobbies are few, but we go at them with all our hearts. “SCOTTY” plays snooker and fishes. The HAWOODS are television fans. The BRASHERS, TYSONS, and SPENCERS have their babies. Girls, of course, take up all the time of BRUNET, ROSS, UNREIN, and WALDSCHMIDT.

HILL, RIDDLE, and DRENNON have their new wives for a hobby. PAUL took off for Texas and brought back one of those tall Texas blondes. BILL HILL grabbed PATSY in Oklahoma—still can’t see how she escaped Party 21’s single boys who were in Ada at the time. RIDDLE vacationed last March in Lake Providence, La., and came up with personality WANDA. We all want summer to arrive to see if WANDA’s feet really do have webs between the toes. Anyway, welcome to all three new brides.

Each couple was given a really nice shower when they came back to the crew, with everyone pitching in to give them nice presents. I think the crew is going to give me a shower on my 33d birthday. I’m seven years younger than Jack Benny so it won’t be long now.

The RIDDLES have a new Buick Century, so they do a little driving. The PRIDDYS love to play canasta and we’re looking forward to lots of cards in the future. The DE WALDS are from Pennsylvania and ESTHER still doesn’t believe any trees grow in Kansas, so OMAR is trying to find one for her to see. There will be lots of picnics if OMAR ever finds that tree.

We have to go 50 or 60 miles to fish here. The natives all say there are fish in the Kansas lakes. “SCOTTY” and I have only been four or five times so we don’t know yet. We lost our sportsman when Party 19 took WILBUR (BUBBA) GREEN. That old boy would go fishing at the drop of your hat, and old Mr. Pheasant dared not take wing while “BUBBA” was afield. He just couldn’t miss. “SCOTTY” and I sure need him back. These Kansas fish are too much for us.

We lost our lady’s man a few months ago when Party 38 needed a new party chief. Reports say Mr. BEN LANGSTON is doing a real job.

Party 36 - Mobridge, South Dakota

Shelby O. Martin, Reporter (Field)
William C. Frost, Photographer (Field)
Frank Curl, Reporter-Photographer (Office)

PLACE: Mobridge, S. D. A terrific little town, especially when compared with Debolt, Alta., former

The survey unit on Party 36 includes Surveyor Bill Frost, left, and Robert Keenan, right, rodman.

Back in town Bill snapped 36’s recording crew. Left to right, they are Shelby Martin, assistant observer, Dean Chadwick, observer, Melvin J. Rix, shore, and Jake Liebelt, helper.
headquarters for Party 36. This town is complete with indoor bathrooms, running water, electricity, and bars which serve mixed drinks after 10 p.m.

CAST OF CHARACTERS:

Party Manager: JULIAN F. POTTER ("Just call me Potter"). A big-headed rascal from Mississippi, single and available.

Computer: PETER LOMBARDOZZI ("Just call me 'Repeat' Lombardo"). From Montana, Gold- ding it. Quite a bit happier now that his wife, SUZANNE, and JIMMIE, and newly-arrived KEVIN LEE are with him. Sporting around in a 1952 Mercury, too.

Pilot: CHARLES KNODEL ("I work hard at my job"). Stirring up dust around Mobridge with his wife, MARGARET. Ohio is his home state.

Surveyor: W. C. FROST ("But, it's got to tie!"") From Oklahoma, and now in Mobridge with his wife, DOROTHY, and toughie MIKE.

Roadman: ROBERT KEENAN ("O.K., Call me Giz") Calls Colorado home, but is at home in Mobridge with a blonde '52 Ford, complete with a matching Blonde.

Observer: DEAN CHADWICK ("Have you heard the one about...?"") Originally from Wyoming and a recent addition to Party 36, he brought his wife, DONNA, and little girls, CANDY and GINGER.

Assistant Observer: SHELBY O. MARTIN. From California but hoping for a Louisiana assignment for some strange reason. It is reported that the strange reason is in Alexandria, La.

"Seismograph Placement Engineer": JAKE LIEBELT, born and raised in Mobridge.

Shooter: MELVIN J. RIX. Now at home in a trailer with his wife, BOBBIE. He has a brand new Pontiac.

Drillers: ARTHUR WEISS—a Yankee from North Dakota, now drawing whistles from the local girls with his brand-new Mercury Sun Valley. JOE DEATON, JR. ("The South will rise again") From the Blue Grass state, as is his wife, SUE. Both about to acquire a new member in the family who will be born in the South (thank goodness) Dakota.

Drillers: RONALD GASS ("Just call me Red Brown") From Texas, but not very proud of it. Thinks that noise coming out of his phonograph is music. Has a number or two in Mobridge. WILLIAM ROMANS ("Just call me Shorty") Also from Oklahoma. Recently the cause of a dinner to celebrate the ROMANS’ wedding anniversary. He and MARY have two children, JO ANN and LUCILLE.

Helpers: O. KREIN, B. KREIN, T. L. HARRIS, L. HARRISON, A. J. aberle, D. CLAPSADDLE, who all grew up in Mobridge.

Due to limited time and space we will not present "Western's Mountain Crew 36" this issue, but be sure to read the future issue when this stirring story will be told. Don't miss this article, which will explain why the water truck drivers run over those flagged stakes. This article will reveal when the office staff takes its coffee breaks. This article will tell of the brilliant military career of Wild Bill Holt (formerly Observer Holt), the man the army grabbed almost as soon as he crossed the Canadian border.

Furthermore, this article will solve the mystery of the short spreads and impossible hole positions conjured up by BILL FROST and "GIZ," and will proudly announce the date on which the recording crew sights

Texas-born Ray Whitt will be back in Canada before this issue goes to press after a temporary assignment with Party 36. Ray, who came to Western in 1946, has already spent some time in Canada where he headed Party V-2. Both he and Bill Young, regular head of Party 36, are Air Force veterans. Bill comes from a town with the unlikely name of Arkadelphia in the state of Arkansas, of course. He, too, is an old-timer, having joined Western in September, 1945.
the nearest drill.

Now a closing message from our foreign reporter, Frank Curl, who is roughing it in Bismarck, N. D.:

There are only three of us in the deep freeze of this, the nation's icebox, Bismarck. Well-known playboys, HERMAN SEMELISS and FRANK CURL are deep in the social whirl of the nightclub circuit. That jolly old rascal BILL YOUNG is on vacation relief and has been replaced by RAY WHITT.

Party 38 - Hattiesburg, Mississippi

Ben Langston has covered a lot of territory for Western since joining the company after two years in the United States Army. Previously he had majored in physics at Southeastern Louisiana College where he received a B.S. degree. Ben started as a computer and has assumed increasingly responsible positions.

Tommie Greene, Reporter
Homer Lewis, Photographer

From the southern part of the great state made famous by the late Senator Bilbo, Party 38 sends a most cordial greeting to its brothers and sisters who comprise our great WESTERN family.

Hattiesburg is a town of approximately 40,000 inhabitants, most of whom are pretty girls from Mississippi Southern College. (So says our party chief, BEN LANGSTON.) At the time of this writing, very little more has been learned about the town as we arrived here a very short time ago.

Introducing the personnel of Party 38, we have BEN LANGSTON, our party chief, a wolfish bachelor from Louisiana.

AL LEAKE, Observer. Al, his wife, MARGARET and daughter, SUE, were recently transferred to us from Party 33. He's an old Western man with seven years of continuous service. AL is a native Mississippian.

TOMMIE GREENE, chief computer. TOMMIE, his wife, MARY JO, and children, DIANE, MIKE, and MARCIA, came to Western in May, 1953. TOMMIE hails from North Carolina and MARY JO from Mississippi. It's said that with the constant chatter that TOMMIE gives out, he thinks he is still making house-to-house sales.

JOE (HOLE HAPPY) THOMAS, driller. JOE, his wife, ANOLA, and sons BUDDY and CHARLES have been with Western so long that they are used as an information bureau for newcomers to our party. JOE and ANOLA are from Louisiana.

HOMER LEWIS, surveyor. HOMER, his wife, ALICE, and daughter SHELBY JEAN come from Alabama. HOMER says he works the ten hours he turns in, but there are those who wonder about the blue chalk on his fingers and the fishy smell of his plane table when he enters the office.

HAROLD RICH, rodman. HAROLD, who is a brother-in-law of HOMER, his wife UNICE, and daughter LINDA JUNE hail from the Big Jim Folsom state, Alabama. HAROLD also has the suspicious blue chalk on
Keeping up with Don Woods is something of a problem—he has gone from G-1 to G-5 and now to G-7 which he heads. Thanks to Reporter Graham we now have a clearer view of Don, who was well-hidden behind a sextant in the May issue.

Paul Graham, Reporter-Photographer

G-7 is working in some rough country. The crew has to drive some 70 miles on dirt roads before they can start working. The result is they lose some three or four hours each day driving that 70 miles each way.

On our survey team we have ROY J. McCLURE and CECIL HOWELL. ROY is an old-time surveyor—a transfer from Party 7, where he was permit man. ROY is the only one on the crew with a house trailer and we are all envious of him.

Our other surveyor, CECIL, is relatively new at surveying and doing a good job. He was permit man on G-2 in New Orleans.

BRONSON C. LA MOURE, our meter operator, is

Some of Party 38’s crew members are shown here. Standing, left to right, are Howard Harvey, Joe Gateley, and Joe Thomas. In the front row, left to right, are Doug Windam, Dwight Rich, Red Dorman, Kerney Raley, Red Bradley, and Al Leake.
an old hand at the game. He has been with Western quite a few years and will continue to be with us until Uncle Sam grabs him. He is a transfer from Party 1 in Fort Morgan, Colo.

The office staff is composed of Party Chief DON WOODS and Computer PAUL GRAHAM. DON is doing a good all-around job of taking care of the crew. PAUL has put time in for Western on water seis, land seis, pattern shooting and gravity work.

**Party 66 -- Wasco, California**

Jack Howell probably has seen more of California since joining Western than he ever did of his own state, Iowa. Jack was graduated from Iowa State College with a B.S. in mathematics, spent some time in the Navy, and then started his doodlebug career.

**Jack Howell, Reporter**

**Frank Honeycutt, Photographer**

One day to go to qualify for another safety award dinner! Party 66 has been in existence 810 days without a lost-time accident.

Now that we've done our bragging, we'll introduce ourselves. As seen by the jack rabbits and horned toads, the field crew come in this order:

BILL KEMP, who laughs peculiarly at his own peculiar jokes and gets a permit for us now and then; Surveyor HARRY GRIFFIN and Rodman LLOYD HINSHAW, who are still trying to sit in each other's shade at the same time.

The Drilling department includes HOWARD HENRY, HAROLD JONES, BERYL CONKEY, and BILL HARTMAN, drillers; and CLAYTON ROBERTSON, ROY MOORE, and HENRY MASON, helpers.

FRANK DUNIPHIN, observer, is playing leapfrog with those horned toads we mentioned, while FRED FERGUSON, an observer from Canada, is with us for a short time to learn real, or California-style, doodlebugging. Assistant Observer Ken Miller is on vacation. Acting J. O. HAROLD MAXFIELD may have traded freedom for home cooking by the time this is published.

BILL POWELL, Shooter DARRYL HILL, and JOHN BOBO complete the group that is ramrodded by Party Manager FRANK HONEYCUTT.

In the office we have JACK HOWELL, party chief; JIM GRIFFIN, chief computer, and Assistant Computer LEONARD SPARKS. We could mention Computer GARRY DORMANDY, but since he deserves partial credit for this report, we won't.

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In Wasco, Calif., with Party 66 are (front row, left to right) Harold Jones, Bill Kemp, Bill Hartman, Jim Gribbin, Clayton Robertson, Frank Duniphin, Leonard Sparks, and Party Chief Jack Howell. In the back row, left to right, Howard Henry, Garry Dormandy, Fred Ferguson, Harold Maxfield, Henry Mason, Darryl Hill, Roy Moore, and Harry Griffin.
NEWS BREAKS

Supervisors Neal Cramer, Bill Fazakerly, and George Shoup last month participated in a two-day conference on instrumentation and a general review of laboratory problems at the Los Angeles lab. The laboratory staff enjoyed the opportunity of becoming better acquainted with these field supervisors and the conference proved to be beneficial to all concerned.

Supervisor Aart de Jong ended his vacation in a characteristically speedy fashion by flying from Amsterdam, Holland, to Bakersfield, Calif., in 26 hours—with help from a nine-hour time difference. Aart timed his visit to his parents in Utrecht to coincide with their 40th wedding anniversary, in Holland an event celebrated by two weeks of festivities. Aart was pleased about Holland’s reconstruction and reports that “no one” is unemployed there now.

William A. Mudd has returned to the United States after three years with Western in Canada. Bill enjoyed a vacation with his family in Willows, Calif., before reporting to Party 32 in Fullerton, Calif.

Joseph Sider, of the mathematical research staff in the Los Angeles office, recently spoke before the Pacific section of the Society of Exploration Geophysicists on “Multiple Reflections in Offshore Seismic Operations,” a paper prepared by him and Carl Savit. The many members present entered into a lively discussion pointing up the active interest of geophysicists in the problem of multiples.
WESTERN FAMILY ALBUM

Sharon, Karen, and Martha Cook, daughters of R.L. and Nelda Cook, Party 54.

J.W. "Spider" Webb with little "Spider" Party 17

Taylor Clinton, 9½ months old with his walking stick, Party 9.

Mark and Debbie - Carl and Sandy Smith's children, L.A. Office - Right

Gene Summers, who is with the Navy on Guam.
THEY SERVE
Service Anniversaries — May, June

19 YEARS
Desmond, J. M.

18 YEARS
Djournette, Robert D.
Mallere, John C.
Mudd, William A.
Strange, Booth B.

17 YEARS
Adams, John A.

14 YEARS
King, Delbert F.

13 YEARS
Shoup, George J.

12 YEARS
Hale, Margaret
Mardell, Richard H.

11 YEARS
Fraizer, Jay H.

10 YEARS
Barthelemy, Joseph E.
Heaney, Don B.
Hillburn, James C.
Moroney, Thomas P.
Snod, J. D.
Quinn, Adrian L.

9 YEARS
Deaton, Joseph A., Jr.
Duarte, Ralph

8 YEARS
Davis, Amon W.
Hill, Chester W.
Leary, Harold L.
Petron, Willie J.
Shih, Hon
Whitt, Rayburn H.

7 YEARS
Gibbs, Dewitt
Davis, John G.

6 YEARS
Bosch, Frank
Browder, Walter C.
Dingman, M.H.
Glenn, Hardy
Hanson, Ernest E.
*Powe, Lyle E.
Rosser, B. A.
Stephan, F. C.
Williams, C. Q.

5 YEARS
Angus, William R.
Babiercki, T. L.
Bates, Arthur D.
David, Vernon B.
Grant, Henry L.
Harding, John H.
*Kostashuk, George
*McCutchen, Edgar O.
Nicholls, C. W.
Potter, Julian F.
Scott, William T., Jr.
*Sebastian, Charles
Silvacee, Arthur W.
*Slaven, Thomas L.

4 YEARS
Blevins, Hayden T.
Brick, Larry F.
Cline, Wayne H.
Jackson, Richard G.
Nelson, Raymond E.
Nerrie, Wilfred L.
Newman, Albert H.
O’Callaghan, Alice
Peterson, Val D.
Richard, Carl R.
Scott, Robert D.
Sullivan, William F.
Tilens, Leonid
Wildner, Perry M.

3 YEARS
Allen, Frank D.
Bates, Grant P.
Brem, Jack W.
Brustad, John T.
Deines, Clarence J.
Denko, John
Downey, D. R.
Fichtner, Herbert W.

Headrick, Stanley D.
Horn, Leo
Hrapko, Albert
Hughes, Leslie C.
Kawecki, Wasyl
Kirschen, Edward
Kopper, Stanley, Jr.
Kot, Joseph R.
Kurbis, Gordon G.
LaMoure, Bronson C.
Long, Richard E.
Loven, John W.
Nakoneczny, Andrzej
Payne, Lenard A.
Phelps, Louis
Ramey, Billy J.
Stagg, Kenneth R.
Stewart, Max R.
Taylor, A. C.
Tickel, Edward B.
Trechter, Oliver E.
Van Meter, Robert

2 YEARS
Beard, S. A.
Blyth, W. B.
Boyd, V. C.
Brown, George A.
Campbell, Edwin D.
Clinton, J. M.
Cooney, C. M.
Cummings, M. L.
Denniston, J. P.
Dumanchuk, John
Farmer, William F.
Ferguson, Edward
Goosen, Harvey S.
Gribben, J. H.
Gunther, Margarete
*Hemenway, D. C.
Jackson, Ernest J.
*Jennings, Austin W.
Hill, Ralph R.
King, B. F.
Knodel, Charles S.
Knutson, John C.
Lucy, J. C.
Matlosky, Peter B.
Miller, William A.
Mitchell, T. W.
Mosoronchon, John P.
Richards, David W.
Ross, William F.
Selman, Charles
Smart, B. J.
Stack, Robert J.
Stagg, D. G.
Stiles, Donald J.
Walling, V. A.
White, R. W.

* Interrupted Service

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THE COVER
Symbol of home to Americans, a hope to would-be citizens, the Statue of Liberty greets all who enter the United States through New York harbor. The gift of the French people, the statue stands on Bedloe’s Island surrounded by newly-planted lawns and gardens, the park-like setting envisioned by its sculptor, Auguste Bartholdi.

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Sheila Oatway, Editor