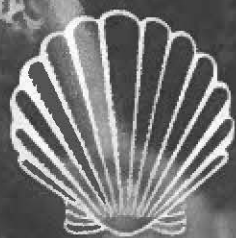


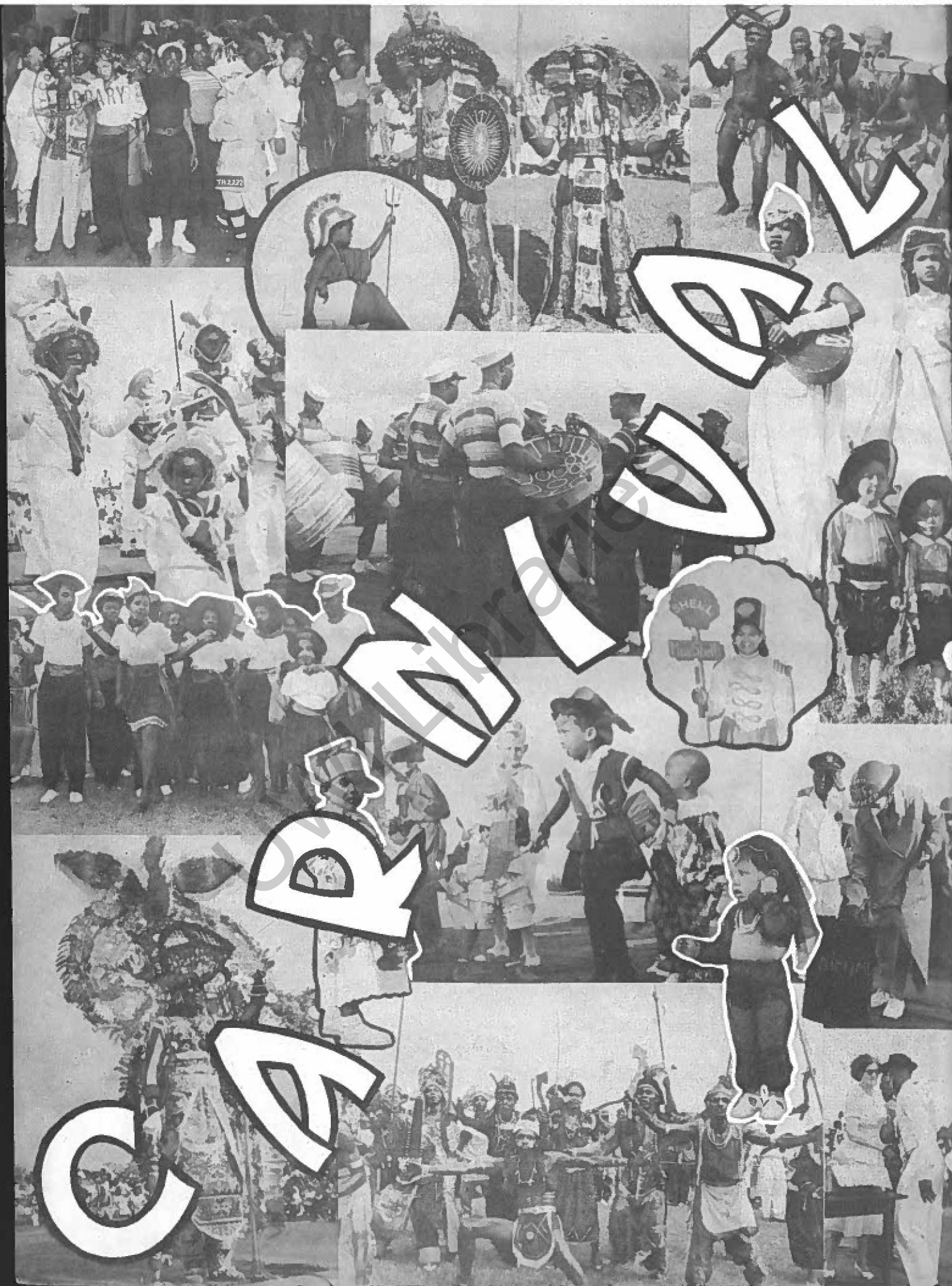
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UBOTIMES

Vol 2 #10.



MARCH 1951



UBOTIMES

THE HOUSE MAGAZINE OF

THE UNITED BRITISH OILFIELDS OF TRINIDAD LIMITED

TRINIDAD — BRITISH WEST INDIES

VOL. 2 No. 10

ISSUED QUARTERLY

MARCH, 1951

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Around the Departments

OUR front cover for this issue of UBOTIMES is dedicated to Carnival and shows one of the numerous bands which have become such a feature of Trinidad's Carnival celebrations. This year's Carnival seemed to be as good, if not better, than many previous years and once again there was a complete absence of rowdiness. Here in Point Fortin we had the usual Carnival Competition at the Mahaica Grand Stand organised by the United British Junior Staff Club and many colourful bands and disguises were in evidence. Our inside front cover is devoted to a display of photographs of this Competition and a perusal of them will leave no doubt in anyone's mind that a good time was had by all! The afternoon's proceedings were enlivened by the presence of Miss Norma

Here we see Porthos and Athos receiving their prizes from Mrs. W. E. Madden at the Children's Carnival Competition, but what happened to Aramis?



Torres, who a day or two previously had been chosen as "Miss Point Fortin".

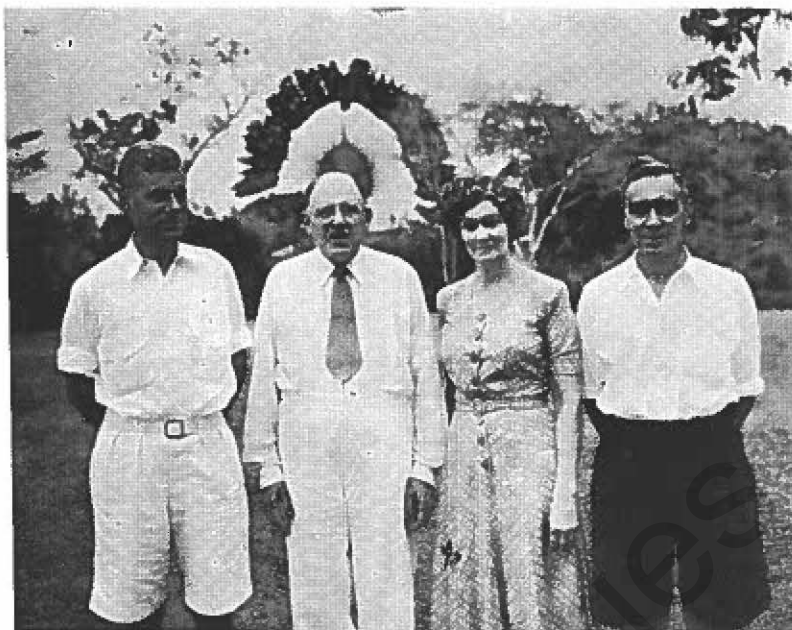
The United British Junior Staff Club held a Carnival Dance when everyone "jumped up" in true Trinidadian style. The children were not forgotten and they, too, had their Carnival Competition. Many attractive and novel costumes were seen and it was evident that the parents of these children must have gone to considerable trouble to create such clever disguises. This year's Children's Carnival Competition was open to the whole of Point Fortin and was not, as in previous years, limited to the children of members of the United British Junior Staff Club. The innovation was a complete success and we hope it will be a permanent feature of Carnival in Point Fortin.

We should like to congratulate the organisers of the Mahaica Carnival Competition and the Ladies Committee which organised the Children's Carnival Competition on the splendid job of work which they did and for the two enjoyable afternoons' entertainment which their efforts provided.

We recently had the pleasure of a visit from Sir Robert Waley Cohen, K.B.E., Chairman of the Board of Directors of United British Oilfields of Trinidad Ltd. Sir Robert spent several days in Trinidad and during that time he visited installations and facilities at Point Fortin, Penal, the Wild cat Camps, and Port-of-Spain. Opportunities for meeting the Staff were provided at cocktail parties given by Mr. and Mrs. W. E. Madden at their bungalow, in the Junior Staff Club, and in Port-of-Spain. Sir Robert was able to see for himself the results of the expenditure which the Board of Directors has authorised in recent years to improve amenities in Point Fortin and he was particularly impressed with the Hospital, the Apprentice Training School and Hostel, the Clubs, and the Mahaica and Techler Village Housing Schemes.

At the cocktail party in the United British Junior Staff Club, Sir Robert announced that the Directors of the Royal Dutch-Shell Group of Companies wished to mark the occasion of the Festival of Britain by extending to a representative member of the regional staff and, if married, to his wife also, an invitation to visit the Festival as their guest. All fares and expenses will be paid by the Company. A similar invitation is being extended to each country in the world in which the Group operates, and the visit will cover a period of approximately three weeks in Europe. It

is proposed that the first week should be spent in London visiting the Festival and activities directly connected with it. The second week will be spent visiting other activities and places of interest in and around London, and possibly places further afield. Part of the third week will be spent in Holland as guests of our colleagues in Holland of the Royal Dutch-Shell Group. In order to assist the General Manager in picking a man who will worthily represent U.B.O.T. Ltd., in what will be a somewhat international gathering, members of the regional staff, both Senior and Junior, were invited to nominate their choice. We are pleased to be able to announce that the General Manager has decided that Mr. and Mrs. E. F. Morrison are the fortunate couple who will represent U.B.O.T. at the Festival, and we take this opportunity of congratulating them and wishing them the best of luck for a successful and happy trip.



Sir Robert Waley Cohen (second from left) photographed during his recent visit. With Sir Robert are Mr. & Mrs. W. E. Madden and Mr. J. Andrews.

assistance of a qualified teacher. Other successful candidates were Mr. C. T. Acco, who has recently been engaged by the Accounts Department, Miss Irma Wilson, daughter of Mr. I. F. Wilson of the Engineering Department, and Miss K. M. Salandy, daughter of Mr. R. R. Salandy of the Production Department. Congratulations to them all.

Another welcome visitor recently, was Mr. J. S. Gaynor, who will be remembered as a former Assistant General Manager of U.B.O.T. Ltd., and who now occupies a leading position in the Staff Department of our London Office. It is nearly five years since Mr. Gaynor left Trinidad and he was particularly impressed by the improvement which has been effected generally in the Company's operations and amenities. Mr. Gaynor had the opportunity of renewing old friendships at cocktail parties given in the United British Club and the United British Junior Staff Club.



Mr. and Mrs. E. F. Morrison, the fortunate couple who will visit the United Kingdom and Europe as guests of the Directors of the Company.

Among the successful candidates at the recent Cambridge School Certificate Examination was Mr. Pedro Allert of the Geological Department. Mr. Allert sat the examination as a private student and his success is therefore all the more praiseworthy as he did most of his study without the



Mr. J. S. Gaynor renews old friendships at the U.B.J.S. Club.

We extend our congratulations to the following employees on their promotion to Junior Staff status: Messrs. U. O. Archibald, W. Charles and P. E. Dodough (Accounts Department), Mr. H. Mohamed (I.R. & P. Dept.), Mr. E. Maturah (Engineering-Survey), Mr. C. Mapp and Mr. C. F. Sandiford (Transport and Engineering Departments respectively, Penal Division).

The "J. GRANT" Safety Shield for 1950 was won by the Drilling Group which comprises the Drilling, Geological,



Mr. W. E. Madden presents the Grant Safety Shield to Mr. J. Cooke, of the Drilling Department.

and Exploitation Engineering Departments. Their achievement in being the first winners of the Shield is all the more commendable when one takes into account the stiff opposition which they had to encounter from other Departments. The Shield was presented by Mr. W. E. Madden, General Manager, at a function held in the Parrylands Club on the 27th of February when the opportunity was taken to congratulate all concerned on the splendid effort they had made. The Shield was received on behalf of the winners by Mr. J. Cooke of the Drilling Department, and in the course of his address Mr. Madden referred to the fact that Mr. Cooke had forty years' service with the Company and during that time he had never lost a single day as the result of a work accident. An enviable record indeed!

We are sure that Mr. Grant, who is now in England, and who so generously donated this fine trophy, will be very gratified to know that the Drilling Group have been the first winners. Refinery and Marine came second whilst third place was taken by the Transport and Garage.

The last issue of UBOTIMES went to Press too early for us to give a report of the successes achieved by our apprentices in the awards made by the Board of Industrial Training for 1949/50. At the distribution of prizes and certificates held in San Fernando, our apprentices were awarded the following:

City & Guilds of London Motor Vehicle Mechanics' Course — 3rd Year Special:

Messrs. Cosmos Andrews, Israel Tyson, Neville Dolison, Arnold Neckles, Anthony Sealey, Albert Dee and Charles Tom (1st Class Certificates).

Messrs. Fitzroy Alexander, Franklin Roberts, Alvin Legall and Kubare Maignath (2nd Class Certificates).

City & Guilds of London Motor Vehicle Mechanics' Work — Theory Paper:

Messrs. Neville Dolison, Israel Tyson and Arnold Neckles (2nd Class Certificates).

City & Guilds of London Electrical Engineering Practice — Preliminary Section 1:

Mr. John Mills (Pass).

Proficiency Prizes of \$30.00 Each:

Mr. Anthony Sealey and Mr. Ramsawak Harriraj.

Trade Course Prizes of \$5.00 Each:

Messrs. Ramsawak Harriraj and Anthony Sealey (Auto Engineering Preliminary), Mr. Victor Chin Kit (Electrical Engineering Preliminary), and Mr. Carlton Atherley (Workshop Processes Preliminary).

Completion Certificates and Cheques (\$20.00 Each):

Messrs. Ralph Worrell, Ralph Samuel, Daniel Thomas, Hugh Collins, Lennie Smith, Neville Dolison, Anthony Sealey, Winston Bourne, Carlton Atherley, Fitzroy Alexander, George Nimblett, Alvin Legall, Osborne John, and Charles Tom.

The result of the WHAT'S WRONG Competition, held in the Christmas issue of UBOTIMES, was a win for Mr. Clifton McLean of the M. & O. Shops Section, who managed to find 580 hazards in the picture. Mr. McLean has been awarded the 1st Prize of \$20.00 and we congratulate him on his fine effort. Consolation prizes of \$5.00 each were won by the following: Messrs. D. Ramkissoon of the Refinery Laboratory, Dermott Louison of the Industrial Training School, Lazare Ellis and Cyril Griffiths of the Carpenters' Shop, Eddie Roubain of Penal Electrical, A. B. Maul of the Accounts Department, Arnold Neckles of Penal Transport, Cecil Blades of the Transport Department, S. Samaroo of Penal Production, and C. Carrington of the Refinery Engineering.



Mr. D. Ross, M. & O. Shops Superintendent, congratulates Mr. Clifton McLean, after presenting him with the first prize in the "What's Wrong" Safety Competition.

There was a total of 119 entries and the winners are to be commended on the high standard of their entries. In this issue of UBOTIMES, we are conducting another Road Safety Quiz which we believe will be as popular as the last one. GO TO IT!

Mr. S. Thornhill and Mr. Arthur Arnasalam of the Fire and Safety Section, have received letters of appreciation and thanks from His Excellency the Governor for their courageous conduct in helping to recover the body of a drowned person from the La Fortune Dam last August, and they have also been awarded a monetary recognition. The attempts made to save the life of this unfortunate person again demonstrate the valuable services which those with the knowledge of Artificial Respiration and Life Saving can perform.

We are pleased to be able to welcome Mr. Clyde

McLean of the Labour and Welfare Department, as the new Sports Editor of UBOTIMES in place of Mr. N. C. Shrubbs, of the Materials Department, who is proceeding on long leave. We should like to extend our thanks to Mr. Shrubbs for the fine work he did for our House Magazine, often under very difficult conditions, and we shall miss his breezy



Mr. Clyde McLean, our new Sports Editor.

style of reporting. The new Sports Editor needs no introduction to the Point Fortin sporting community and we feel sure he will conduct SPOTLIGHT ON SPORT with the same enthusiasm as he displays on the cricket and football pitches. We appeal to the various Sports Secretaries to co-operate with Mr. McLean to the fullest in order that he can do justice to his subject.

The Literary and Debating Section of the United British Junior Staff Club recently held an exhibition of Children's Paintings from Britain at their Club House in Mahaica. The exhibition, which was sponsored by the British Council, was opened by Mr. R. Hamer, the Council's Assistant Representative in Trinidad, and the paintings are being shown in various centres of the Colony to provide an incentive to children to express their latent talent along similar lines. We congratulate the Committee of the Literary and Debating Section on their enterprise in bringing this exhibition to Point Fortin, and are grateful to the British Council for giving us the opportunity of seeing it.

Congratulations to Mr. E. C. Taylor of the Engineering Department, Mr. I. H. Look Yan of the Accounts Department, Mr. H. B. Rostant of the Refinery, Mr. W. A. Flynn of the Drilling Department, Mr. E. E. Andre of the Secretarial Department, and Mr. A. V. E. Jameson of the Refinery, all of whom have been promoted to Senior Staff status.

His colleagues in the Refinery have asked us to extend their heartiest congratulations to Mr. H. Corbie for being the first captain to lead the Refinery 2nd Class Football team to victory in consecutive years and thus winning the Connock Cup Competition. He has also been elected Cricket Captain for the Refinery team for the 1951 season.

The Officers elected for 1951 for the Apprentices Discussion Group are as follows: Messrs. T. G. Lloyd (Vice-

Chairman), R. Bachoo (Hon. Secretary), L. St. Laurent (Asst. Hon. Secretary), and R. Ramsaran (Hon. Treasurer).

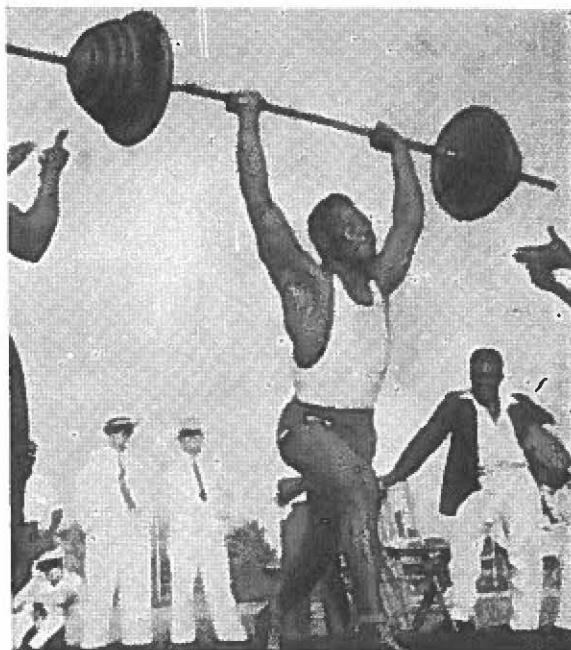
The annual meeting of the Apprentices Sports Club was held recently when the following Officers were elected for 1951: Messrs. R. Ramharacksingh (Captain), T. G. Lloyd (Vice-Captain), E. Ramsey (Hon. Secretary), H. Raghunanan (Hon. Treasurer).

We are informed that the Apprentices are practising assiduously for the forthcoming Inter-Oilfields Cricket Competition and are hoping to walk off with the Cup this season.

Mr. F. A. D. Griffiths of the M. & O. Shops Section, will be proceeding on long leave in the near future and in consequence of this Mr. A. P. Christie has been appointed Chairman of the U.B.A.A. Football Section. Mr. Griffiths has done a very fine job for Trinidad football in general and for U.B.O.T. in particular, and the high standard which our teams have reached during the past few years has been chiefly due to his enthusiasm and inspiring leadership. Mr. Christie's task will not be an easy one, but we are confident that with the cooperation of all concerned he can keep our teams at the same high level as they have been in the past. The thanks of all of us are due to Mr. Griffiths for having kept UBOTS in the vanguard of Trinidad football and we wish Mr. Christie all the best of luck as his successor.

The Cricket Section also have a change in leadership with the appointment of Mr. C. A. L. McLean as the new Chairman in place of Mr. "Eddie" Taylor. The latter has been Chairman of the Cricket Section for the past few years and has done much to keep our teams up to the high standard which has come to be expected of them. Like Mr. Christie in the Football Section, Mr. McLean's task in following in the footsteps of Mr. Taylor, is not going to be an easy one but his interest and knowledge of the game assures us that the Cricket Section will again have inspired leadership and we can look forward to the future with all confidence.

Congratulations to Mr. Rodney A. Wilkes of the Electrical Section, on being selected to represent Trinidad at the Pan-American Games held at Buenos Aires at the end of February, and on winning the Championship of his class. The Games are patterned on the style of the World Olym-



Mr. Rodney Wilkes in action at one of the Mahaica Sports Meetings.

pics and some 21 countries of North and South America and the Caribbean Area took part. Several Olympic champions, including Mal Whitfield the world 800 metres champion, and our own Rodney Wilkes, took part. Rodney Wilkes is no stranger to high class weightlifting competition as he represented the Colony at the Olympic Games in 1948 when he was placed second to Fiad, of Egypt, in the Featherweight Class. In the same year he won the British Empire Featherweight title, and at Guatemala in 1950 he retained the Featherweight Championship of Central America and the Caribbean Area. To this illustrious record is now added the Pan-American Games Gold Medal.

Master Lennox Morris, the 12-year-old son of Mr. Wesley Morris of the Port-of-Spain Office, has been awarded a Scholarship on the results of the last Government Exhibition Examination. Lennox is now a student at St. Mary's College and we wish him all success in his career.



Master Lennox Morris.

Included amongst recent transfers from and to the Penal Division are: Mr. H. Williams, who has been transferred from the Point Fortin Oil Gauging Section, Mr. R. Narinesingh, who has been transferred from San Francique as Time Checker to replace the late Mr. Samuel Lucas, Mr. J. M. Grimme, who has been transferred from Point Fortin Drilling Department, Mr. C. W. O'Hara, transferred to the M. & O. Section, Catshill, Mr. J. T. Smith, transferred from Point Fortin as M. & O. Supervisor, Miss G. W. Haggarty, who has been assigned to Penal in charge of the newly-opened Senior Staff School, Mr. P. Nicholson, transferred to the Drilling Department, Point Fortin, Mr. C. H. Prada, transferred to the Penal Drilling Department.

We are glad to hear that the emergency appendicitis operation which it was necessary to perform on Mary, the daughter of Mr. and Mrs. M. E. Arneaud of the Port-of-Spain Office, was successful and that the young lady in question is now out and about again.

Congratulations to the following employees on their promotion to Foreman status:

Mr. K. Gilkes of the Power Plant, who entered the Company's service in June 1943 as a "B" Class Motor Mechanic and who has risen via the grades of "A" Class Engine Fitter and Chargehand Engine Fitter to his present position.

Mr. S. Critchlow of the Materials Department, who entered the Company's service in December 1938 and who has come up through the various Despatchers grades to his present position as Foreman Despatcher.

Mr. Ottley Charles of the Engineering Department, who entered the Company's service in March 1947. He has served as a "B" and "A" Class Carpenter and Chargehand Carpenter before reaching his present position as Foreman Carpenter.

Mr. C. Pierre of the Transport Department, who has been in the Company's service since March 1930. Before reaching his present position as Transport Foreman, Mr. Pierre was a Chauffeur and Truck Driver and in recent years has been driving our heavy units.

Did any of our readers recognise the Chinese gentleman at the Mahaica Carnival Competition? We wonder who taught Mr. Huyghue his Chinese?

We are very glad to see the interest in cricket which is being maintained by the residents of Techier Village and in order to encourage this, the Management have very kindly provided a new cricket matting. This will be available to the Techier Village Cricket Club for matches and will also be available for any other matches approved by the Senior Industrial Relations Supervisor.

Mr. R. Taylor of the M. & O. Shops, who was recently an in-patient of the U.B.O.T. Hospital, has asked us to express his appreciation of the attention and courtesy he received from the Doctors and Nurses whilst he was there.

We are glad to see that work has begun on the new Government School for Point Fortin. The school is being built for Government under the supervision of our Engineers on a site which has been given at a peppercorn rent by the Company. When completed, this building will do much to relieve the congested condition of the existing schools and will be of considerable benefit to the population of Point Fortin.

The prizes won during the 1950 Cricket Season by the Port-of-Spain U.B.O.T. Sports Club were presented at a function held in the Port-of-Spain Office recently when Mr. D. S. Law, President of the Club, made the awards. Prizewinners were: Batting Average—1st—J. Gonzalves, 2nd—J. O'Neil. Highest Score—1st—J. O'Neil, 2nd—C. Boisselle. Bowling Average—1st—A. Phillips, 2nd—I. Thornhill.



Mr. D. Law presents the prize for the best batting average to Mr. J. Gonzalves in Port-of-Spain Office.

At the Annual General Meeting of the Club, the following Officers were elected: Mr. D. S. Law (President), Mr. A. J. Abraham (Vice-President), Mr. L. Thornhill (Secretary), Mr. A. Adimoolah (Asst. Secretary), Mr. A. Wong (Treasurer), Mr. W. W. Morris (Auditor), Messrs. J. Gonzalves, S. A. Ammon, F. L. Charbonne and E. M. Arneaud (Committee Members). Mr. J. Gonzalves and Mr. A. Wong were re-elected Captain and Vice-Captain respectively of the Cricket Team for the 1951 Season.

As our readers are aware, the Rev. Archdeacon F. R. Banks was awarded the O.B.E. in the New Year's Honours List. We feel sure that everyone will agree that no one more deserves this honour, and it is a fitting recognition of

the untiring work and ceaseless effort which the Archdeacon has given to South Trinidad in particular and the Anglican Church in general. We extend our heartiest congratulations to the Rev. Archdeacon Banks on the honour conferred upon him by His Majesty the King.

As our readers are well aware, there is no Company more interested in the problems of human relationship than U.B.O.T. Ltd., and the Management are constantly seeking means to improve and strengthen relationships with employees. One of the important links in this chain is the relationship between Supervisors and the employees whom they supervise and in order that this may be as strong as possible, the Management have recently instituted Training Courses for Supervisors. By the word "Supervisor" is meant anybody in charge of people, or who directs the work of others. It will thus be readily seen that the word "Supervisor" can apply to almost anyone from the General Manager down to Chargehands. We have been very fortunate in obtaining the services of Mr. R. L. Turner of Standard Telephones and Cables Limited, of England, to initiate our Training Programme. Mr. Turner is a fully qualified Trainer, and during the time he has been with us he has left no doubt in our minds as to his sincerity of belief in the principles which he is passing on to us. The programmes have the unqualified support of U.B.O.T. Management and they themselves were amongst the first ones to take them.

Shortly after his arrival, Mr. R. L. Turner was introduced to Mr. I. Moreland Hopkins, then Acting Deputy Director of Education and Chairman of the Board of Industrial Training. Mr. Moreland Hopkins is himself a qualified TWI Trainer and on his suggestion the Management invited the Honourable Albert Gomes, Minister of Labour and Commerce, and Mr. Solomon Hochoy, Government Labour Commissioner, to attend the Course with our Port-of-Spain Supervisory Staff. We were very gratified to have Mr. Hochoy with us for the whole and the Honourable Albert Gomes for part of the Course. At the conclusion of the final session they expressed themselves as most interested and enthusiastic over the application of the TWI principles.

TWI, to give it its full name, means "Training Within Industry for Supervisors" and its objectives are to stress the importance of human relations and train Supervisors in the skills which are essential to good supervision. It has never been claimed that the principles embodied in the programmes are new ones, rather are they a re-statement in logical form of basic principles of human relationship based on justice and common sense and an analytical approach to the problems of good supervision.

TWI is not a panacea for all industrial ills, it is a training scheme for good and progressive supervision; there can be no doubt that if the principles are properly applied nothing but good can result.

Mr. V. C. Gill of the Penal Division Exploitation Department, recently resigned from the Company's service

and has taken up a new position in the neighbouring Republic of Venezuela. We wish Mr. Gill all the best of luck in his new environment.

We extend a hearty welcome to Miss Violet McCarthy who recently joined the Port-of-Spain Office Staff, replacing Miss L. D. Cipriani who resigned her position prior to her recent marriage.

The engagements have been announced of Mr. Austin Corbie of the Electrical Section, to Miss Merle Mejias, daughter of Mr. F. R. Mejias of the Engineering Department, and Mr. John Handel of the Lands and Legal Department, to Miss Lucy Herbert, neice of Mr. E. McColman of the Refinery Laboratory. We extend our congratulations to the gentlemen concerned.

A Committee of St. Anthony's R.C. Church, Point Fortin, gave a buffet supper on the 30th January last in honour of His Grace the Archbishop of Port-of-Spain, the Most Rev. Dr. Finbar Ryan, to mark his recent elevation to Assistant to the Papal Throne and Count of the Pontifical Palace. His Grace administered the Sacrament of Confirmation to over one hundred children earlier in the afternoon at the R.C. Church.

At the supper party covers were laid for 70 guests. Preparations for same were made by Mesdames E. C. Taylor, W. R. Furlonge, J. McGrath, and C. F. Williams.

At the end of the supper Mr. W. E. Madden extended congratulations to His Grace on his recent elevation by His Holiness the Pope, and expressed the hope that it would not be too long before

His Grace returned to Point Fortin to lay the corner stone for a new R.C. Church.

The residence of Mr. and Mrs. Josephat Williams of Bachyia Village, Penal, was the scene of a very gay party recently when the couple celebrated their Silver Wedding Anniversary. Mr. Williams is attached to the Production Department of the Penal Division and is approaching his Silver Anniversary with the Company, having already served for 22 years. Many employees of the Penal Division attended the party and Mr. and Mrs. Williams were the recipients of many congratulatory messages to which we should like to add ours.

Mr. J. A. Belix of the Labour and Welfare Section, has recently returned from a long leave spent at Blanchisseuse where he did a lot of hunting and fishing. He informs us that on one of his fishing expeditions, he caught a 40-lb. dolphin, which is a fair-sized fish in any man's language! Mr. Belix must be congratulating himself on having left Blanchisseuse before the recent landslides had isolated the place or he would probably have had to rely on his fishing prowess for food.



The final session of the TWI course in Port-of-Spain Office. L. to R.: Mr. F. Western, Mr. A. Wong, Mr. Solomon Hochoy (Government Labour Commissioner), the Hon. Albert Gomes (Minister of Labour and Commerce), Mr. W. E. Madden, Mr. A. Abraham, Mr. G. Batter (S.L.D. Co.), and Mr. C. Lyon. Standing, is Mr. R. L. Turner, who conducted the course.

The Estate Police Association, recently authorised under the revised Supplemental Police Ordinance, has held the first elections for the Branch Board to be formed in Point Fortin. Elections were held on February 9th with Mr. A. L. Torry of the Lands and Legal Department acting as Presiding Officer, specially appointed by the Commissioner of Police. The Branch Board will consist of five representatives of the Estate Constables and one representative of the Subordinate Police Officers. Thirty candidates were nominated and when the result of the poll was declared it was found that Corporal John Lewis, Estate Constables J. Scott, C. McGuire, C. Smith, B. Hood and A. Beddoe were the successful candidates and will therefore be the first members of the Point Fortin Branch Board. We congratulate these men on their election and feel sure that they will honourably uphold the principles for which the Estate Police Association has been formed.

We have had the pleasure of welcoming to Point Fortin Mr. G. E. Gomez, a member of the victorious West Indies Cricket team which returned from England recently. "Gerry", as he is called in the cricketing world, was introduced by Mr. L. Sellier to the large gathering which had assembled in the U.B.A.A. Mahaica Club to hear him. He told us that the object of his visit to Point Fortin was, as he termed it, to "sell cricket" to us. He told us how the members of the West Indies team lived as a family and that team spirit with a serious approach to the game, the bowling of Alfred Valentine and Sonny Ramadhin, and the batting of the "terrible W's", were among the factors accounting for the triumphs in the United Kingdom. "Gerry's" most interesting lecture was brought to a close by the showing of slides depicting our Test players in action. The Cricket Section of the U.B.A.A. are to be congratulated on having made this visit possible.

Another amenity has been added to Point Fortin in the shape of a new church erected by the South Caribbean Mission Seventh Day Adventists. At the recent dedication of the Church, plaques were inserted in the edifice commemorating the services rendered by the Management and the Company's Engineers in the erection of the building.



The scene at the dedication of the Seventh Day Adventist Church in Point Fortin.

and representatives of the Seventh Day Adventist Church from all over Trinidad attended the function. We congratulate the South Caribbean Mission Seventh Day Adventists on their fine efforts in providing this additional amenity to the spiritual needs of Point Fortin and we trust that they will reap the reward due to them.

The engagement has been announced of Mr. George Spence of the Penal Division Production Department, to Miss Vivian Eastman of Penal, and the wedding will shortly take place in San Fernando. We extend our congratulations to Mr. Spence.



We extend a welcome to :

Capt. J. V. Thistlethwaite, on temporary assignment as Captain of the SS. JUANITA.

Miss G. W. Haggarty, who will be in charge of the Senior Staff School at Penal.

Mr. I. A. Herbert, to the Production Department on transfer from Seria.

Mr. C. Mathers and Mr. J. van Norel, new employees in the Exploitation Engineering Department.

Mr. H. Sisley, transferred from Egypt for service in the Exploitation Engineering Department.

Mr. J. F. Knowles, temporarily assigned from Colombia to act as Equipment Engineer.

Dr. J. V. Thurston, on assignment to the Medical Department.

Messrs. M. J. Sirks, H. van Bilderbeek, K. F. Weydema and C. J. B. Rijnhout, members of the Seismic Party which will be working in Trinidad during the next few weeks.

Mr. J. Leslie, Mr. E. A. Robertson and Mr. C. W. O'Hara from long leave.

Mr. C. R. Commissiong (Accounts), Mr. A. B. Moore (Shipping), Mr. C. R. Prada (EXD.), Miss C. Piggott (Nurse - Medical Department), Mr. E. E. Urquhart (Shipping), Mr. C. E. N. West (Accounts), and Mr. A. Tahirali, B.Sc., (Refinery Laboratory), all of whom are new members of the Junior Staff.



The following transfers to Venezuela have recently been made :-

Mr. E. D. McDonald (Agricultural Technologist), Mr. R. H. Wiley (Driller), Mr. W. E. Rehn (Driller), Mr. K. G. Tait (Asst. Chief Engineer), Mr. W. A. Johnson (Engineer).

Mr. W. Prachner of the EXD., has been seconded for duty at the Hague.

The following have left on long leave :-

Messrs. I. C. McLennan (EXD.), J. R. Parker (Refinery), T. H. Hogarth (Engineering), F. G. Keightley (EXD.), R. E. de Freitas (Refinery), G. G. Rose (Refinery), A. F. Webster (Drilling), T. J. Upton (Refinery), W. J. Starling (EXD.), and W. H. Vervloet (Drilling - Penal).

The following Staff have relinquished their positions with the Company :-

Mr. J. V. Bowles (Accounts Dept.), Mr. D. W. Cowie (Engineering), Mr. V. C. Gill (EXD.), Mr. C. Maurice (Accounts), Mr. H. Nimblett (Accounts), Mr. E. O. Providence (Engineering), Mrs. L. D'Aporte (Manageress - Guest House), Miss E. Wyatt (Nurse - Medical Department).

Mr. J. H. Llanos of the Penal Division, has retired from the Company's service.

Mr. R. Makkinga, after completing his temporary assignment, has retired to Curacao.



We extend our congratulations to the following :—

Mr. and Mrs. L. Phillips of the Production Department, on the birth of a son, Cuthbert, on the 2nd of January.

Mr. and Mrs. E. Francis of the I.R. & P. Department, on the birth of a son, Wayne.

Mr. and Mrs. R. Rampaul of the Accounts Department, on the birth of a son, Glenford, on the 12th of February.

Mr. and Mrs. C. Cyrus of the Refinery Engineering Section, on the birth of a son, Foster, on the 4th of January.

Mr. and Mrs. Lloyd James of the M. & O. Section, on the birth of twin boys, Lloyd and Arthur.

Mr. and Mrs. L. Wiltshire of the Drilling Department, on the birth of a daughter, on the 3rd of February.

Mr. and Mrs. E. Connell of the M. & O. Section, on the birth of a daughter, Glenda. The young lady's christening took place on the 15th of March.

Estate Constable and Mrs. M. Pierre of the Company's Guard Force, on the birth of twin girls, Marilyn and Merlyn.

Mr. and Mrs. N. Alleyne of the Shipping Section, on the birth of a daughter, Ann.

Mr. and Mrs. F. Cudjoe of the Drumming Shed, on the birth of a son.

Mr. and Mrs. N. Dunbar of the Mud Plant Section, on the birth of a daughter, Alice.

Mr. and Mrs. A. Cooper of the Field Engineering Section, on the birth of a daughter, Sheila, on the 17th of February.

Mr. and Mrs. Felix ("Fifi") Lord of the Draughting Department, on the birth of a daughter, Karen Marcelle, on the 30th of January. Mrs. Lord was the former Miss V. Fletcher of the U.B.O.T. Nursing Staff.

Mr. and Mrs. L. G. Maynard of the M. & O. Shops, on the birth of twin boys, Leslie and Lester.

Mr. and Mrs. N. Bernier of the Accounts Department, on the birth of a son, on the 18th of February.

Mr. and Mrs. R. G. W. Mackilligin of the EXD., Penal Division, on the birth of a daughter on 31st January.

Mr. and Mrs. C. A. Mapp of the Transport Department, Penal Division, on the birth of a daughter, Carol Catherine.

Mr. and Mrs. J. M. Grimme of the Drilling Department, Penal Division, on the birth of a daughter.

Mr. and Mrs. D. Mankasingh of the Transport Department, Penal Division, on the birth of a son.

Mr. and Mrs. N. Small of the Electrical Department, Penal Division, on the birth of a daughter.

Mr. and Mrs. Norman Charles of the Refinery Engineering Section, on the birth of a son, Fitzroy Cyrus, on the 19th of February.

Mr. and Mrs. Mark Simon of the Refinery Engineering Section, on the birth of a daughter at San Fernando, on the 13th of February.

Estate Constable and Mrs. B. Nurse, on the birth of a daughter, Patricia Victoria.

Major and Mrs. E. L. Sealey, on the birth of a son, Lisle Edward Thomas.

Mr. and Mrs. Carl Turton of the Port-of-Spain Office, on the birth of a daughter, Margaret Ann.

Mr. and Mrs. P. A. Gomez of the Refinery, on the birth of a daughter.

Dr. and Mrs. J. V. Thurston of the Medical Department, on the birth of a daughter, on the 2nd of January.

Mr. and Mrs. S. De Leon of the Production Department, on the birth of a son, Herbert, on the 7th of February.

Mr. and Mrs. J. K. Yip Chuck of the Accounts Department, on the birth of a son, Donald Anthony.

Mr. and Mrs. T. Perez of the Carpenter Shop, on the birth of a son.

Mr. and Mrs. Fred John of the Mud Plant Section, on the birth of twin daughters.



The last issue of UBOTIMES went to Press too early for us to report the wedding of Dr. N. W. Ahin, Chief Medical Officer, to Miss Elizabeth Stevens, formerly of the Senior Staff School which took place at St. Mark's Anglican Church, Point Fortin on 11th December last. Mr. C. Bridgwood, Chief Engineer, was the best man and a recep-



Dr. & Mrs. N. W. Ahin leaving St. Mark's Church after their wedding.

tion was afterwards held at the home of Mr. & Mrs. W. E. Madden. We take this opportunity of extending our rather belated good wishes to Dr. and Mrs. Ahin for their future happiness.

Mr. Colin Harris, of the Port-of-Spain Office Staff, was married to Miss Kathleen McGlade at Christ Church, Cascade, on the 20th of January. The Rev. Canon C. S. Doorly officiated at the choral ceremony, and Mr. Ken Wetherall, who will be remembered as a former U.B.O.T. Staff member now in Venezuela, performed the duties of best man. A reception was held at the home of the bride's



Mr. and Mrs. Colin Harris after their wedding.

mother in Maraval. Mr. Harris was the guest of honour at a party in the Port-of-Spain Office on the eve of his marriage when his colleagues presented him with a silver ice bowl and tongs. Mr. & Mrs. Harris spent their honeymoon in St. Vincent, and we extend our best wishes for their future happiness.

Mr. F. Dillon, of the Refinery Distillation Section, was recently married to Miss Edna Baird, the eldest daughter of Mr. & Mrs. Baird, of Buenos Ayres, at a picturesque ceremony at St. Mark's Church, Point Fortin. Mr. W. Dillon, of the Materials Department, was best man and a reception was afterwards held at the home of the bride's parents at which many of Mr. Dillon's friends from the Distillation Section were present. Our best wishes go with Mr. & Mrs. Dillon.

Miss Leila Cipriani, of the Port-of-Spain Office, was married to Mr. Mervyn Medford in Port-of-Spain recently. Mrs. Medford left the Company's service just before her marriage. We extend our best wishes for their future happiness.

Mr. R. Joseph, of the Shipping Section, Port-of-Spain Office, joined the ranks of the Benedicts when he married Miss Theresa Thomas in Port-of-Spain recently. Our best wishes go with them.

Obituary

It is with deep regret we have to announce the following deaths and offer our sincerest condolences to the families concerned:

Mrs. May Harris, which occurred at Techier Village on the 14th of February. Mrs. Harris was the mother of Mr. F. Guerra, and mother-in-law of Mr. C. Sherwood, both of the Production Department.

Mrs. Agnes Cementoud, mother of Mr. James Lee, of the Fire and Safety Section, which occurred at Arima on the 24th of January.

Franklin, son of Mr. & Mrs. F. Khan, of the Electrical Section, age 5½ months, on the 22nd of January.

Mr. Al Pounds, a former employee of the U.B.O.T. Drilling Department, on the 11th December last.

Mr. M. W. Caliouette, a former employee of U.B.O.T. Drilling Department, in the U.S.A. where he retired two or three years ago.

Mr. Sanderson Patrick, of the Survey Section, whose death occurred on the 6th January. The deceased had been in the Company's employ since March, 1949.

Mr. Samuel Lucas, of the Penal Division, whose death occurred on the 15th January. The late Samuel Lucas had been employed in the Penal Division since January, 1944.

Mr. Carlton Miller, of the Refinery Engineering Section, whose death occurred on the 14th of February. The late Carlton Miller was one of Point Fortin's "old timers", having been employed by the Company since 1922. He will be sadly missed by his fellow workers.

Mr. Palmer Joseph, whose death occurred at Parrylands on the 17th of February. The late Palmer Joseph was a pensioner and was one of the Company's earliest employees.

Mrs. Eastlynne Pantin, wife of Mr. H. Pantin, of the Exploitation Engineering Department, which occurred at the Colonial Hospital, Port-of-Spain. The internment took place at Point Fortin.

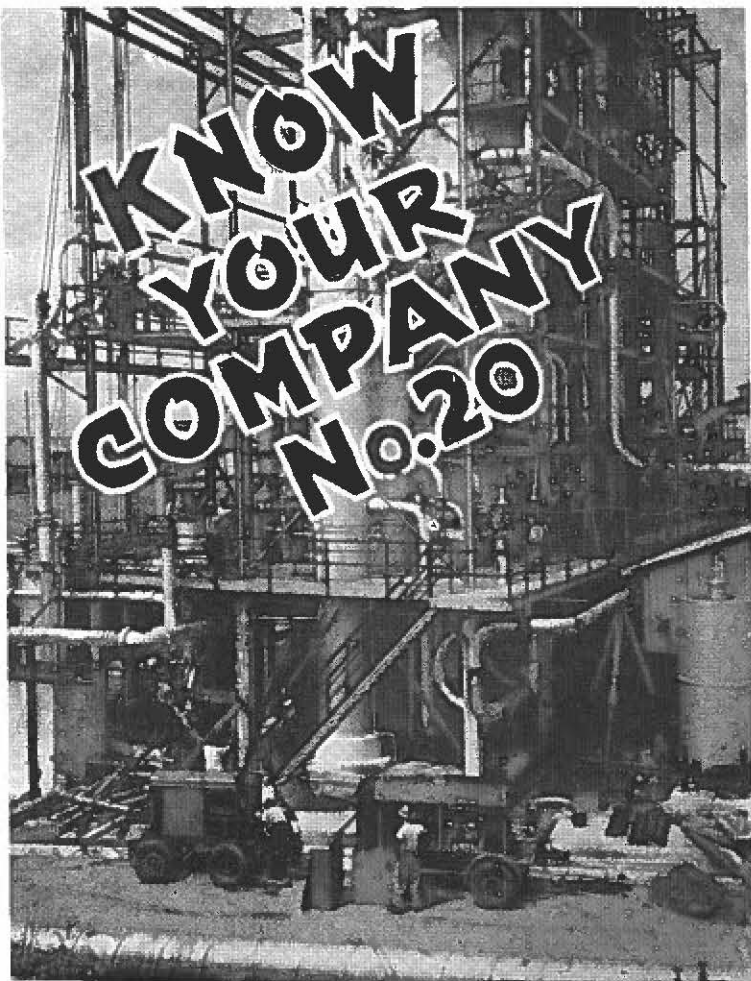
Gordon, infant son of Mr. & Mrs. Carlos A. Lyon, of the Port-of-Spain Office.

The baby daughter of Mr. & Mrs. A. Rambaran, of the Penal Division Materials Department, who died under tragic circumstances.

Mrs. Bowring, mother of Mr. C. Bowring, of the Penal Division Engineering Department.

Mrs. Hephzibah Alicia Harewood, wife of Mr. A. F. Harewood of the Accounts Department, who died on March 7th at the San Fernando Colonial Hospital.

Mr. Hassmaine Cassim father of Mr. J. Cassim of the Medical Department, who died on the 27th of February.



General view of Trumble 3 during shutdown operations.

THE Refinery Engineering Section concerns itself essentially with Engineering work inside the Refinery, including the jetties and marine operations. Its activities, however, extend further afield in certain directions, such as, instrumentation throughout the Company generally, the maintenance of the industrial railway system, and, at the time of writing, it is embarking on the operation of a small scale shipbuilding yard at the mouth of the Guapo River.

The Section is under the direction of Mr. F. A. Lewis, the Refinery Engineer, assisted by Messrs. E. F. Caine, E. Robinson, T. J. Upton, P. J. Crawford, L. C. Allecock, H. H. Pogson, and A. Williams, among whom the work of the various sub-sections is divided.

The office is under the direction of Mr. E. I. Reid, as Chief Clerk, assisted by Mr. C. Mejias, who handles estimating and projecting work, Mr. L. Pierre, Timekeeper, Mr. L. Hackshaw, Typist, and Mr. W. R. Patterson, Office Boy.

The work of the Section can be better reviewed by taking the various sub-sections in turn :

REFINERY PLANTS

The maintenance of the Refinery Plants is handled by Messrs. E. F. Caine and T. J. Upton,

The Refinery Engineering Section

Part One : Plant Maintenance and Instrument Shop.

By E. F. CAINE

(Refinery)

assisted by Foreman E. Reefer, L. (Red) Graham, and L. Hicks. Although covering a small area, the Plants contain a huge amount of equipment and do a very big job. The three major Plants, Topping Plants Nos. 2 and 3, and the Vacuum Asphalt and Blowing Plants handle in the region of 35,000 barrels of oil a day, representing the production of our own fields, T.P.D., K.T.O., and some imported crude. In the course of treatment, the oil is heated in furnaces to temperatures of 350° C. or three and a half times as hot as boiling water, and it will be appreciated that handling such quantities of oil under such conditions imposes severe strains on the equipment.

The Plants are scheduled to run 24 hours a day, 7 days a week for a year, and then to be shutdown for 12 days overhaul, each Plant, of course, shutting down at different times. During the shutdowns, the entire resources of the Section are concentrated on the Plant in question, although of course a constant watch must be kept for trouble over the rest of the Refinery. The engineers and men work shift, so that the job progresses 24 hours of the day and over 100 men per shift are employed.

Each Plant contains many miles of pipework and every line is inspected and wall thicknesses measured at selected points. The amount of wear that has taken place during the past year is computed and if it is considered that the pipe may not last another year, it is replaced. The pipes range in size from 1/2" to 24" diameter, and T.P.3, for example, contains over 600 individual pieces of pipework, all flanged and welded.

This alone is a tremendous amount of work, but is only a small part of the job. The Plant has 23 separate vessels ranging from the giant columns to small receivers, and the fractionation towers contain a total of 120 separate compartments, each with up to 180 riser pipes and caps. All these vessels and compartments are opened up, cleaned, inspected, and overhauled. In addition to this, there are 42 items of tubular equipment, containing a total of over 14,000 tubes, these also have to be cleaned, inspected and overhauled.

Another major item is the furnace. The furnace tubes are all inspected visually and their wall thick-

ness measured. Tubes showing any sign of thinning are replaced and this is a very skilled job. The tubes are merely held by being expanded with air-driven machines into the headers, and this work, on 6" diameter tubes and using equipment too heavy for two men to control, must be carried out to within a thousandth of an inch of the specified figures. The refractory brickwork and lagging of the furnace is also overhauled.

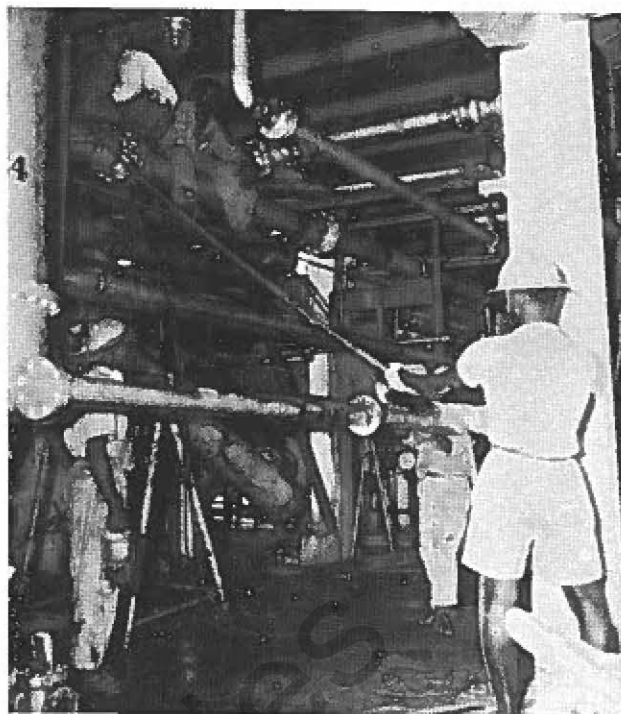
The Plant pumps, of course, must not be forgotten, and T.P. 3 alone contains over 30 of various types and sizes.

The shutdown is the only opportunity to inspect and overhaul the 24" diameter salt water main reaching out to a point on the jetty, and the pumps which feed it, while the 12 tanks associated with the Plant are also cleaned out, inspected, and repaired. In all this work the Inspection Department works in close collaboration with the Engineers on the inspection of material and decisions as to replacements.

It is obvious that to carry out this amount of work in a mere 12 days requires a great deal of organisation, and in fact each of these plant shutdowns involves at least three months preparatory work. A detailed assessment of all expected work is made, pipework and parts are prefabricated, and arrangements are made for the distribution of labour and the supply of materials, even down to drinking water for the men; so that nothing is done during the shutdown which could conceivably have been done before.

In spite of the amount of work to be done, everything must be done with complete thoroughness, a $\frac{1}{2}$ " plug carelessly fitted can cause a major fire or take the Plant off-stream at a later date, causing complete disruption of operations.

The overhaul of pumps is a very important part of every shutdown. Here we see Pumpfitters A. S. David, E. Joseph, G. Nimblett and H. Collins doing this work.



Chargehand Rigger C. White and his rigging crew lowering a joint of pipe for inspection.

It must be realised that an unscheduled shutdown to attend to a job taking an hour can stop production for several days. Before any of the equipment can be opened up, entered, or worked upon, it must be cooled, thoroughly washed, and steamed out to remove all traces of oil and vapour. When the work is completed, it takes up to thirty hours for the Plant to start up and reach normal operating temperatures and conditions.

Between shutdowns there is much to occupy the attention of the Plant maintenance men as prompt attention to small details can avert a major breakdown later on, and for this reason the Plant men and the engineers are "on call" at all times, and frequently work at all hours of the night and through Public Holidays preventing serious troubles developing. Modifications are carried out from time to time to accommodate programme changes, and of course, there is always the next shutdown to think about.

The Vacuum Asphalt Plant presents a special problem in itself, demanding ceaseless vigilance, for, as its name implies, this Plant must be maintained at all times under a high vacuum. A gap not large enough for oil to pass through is sufficient to destroy the vacuum and shut down the whole Plant. This may happen at a valve gland, or even be caused by a speck of grit on a flange face.

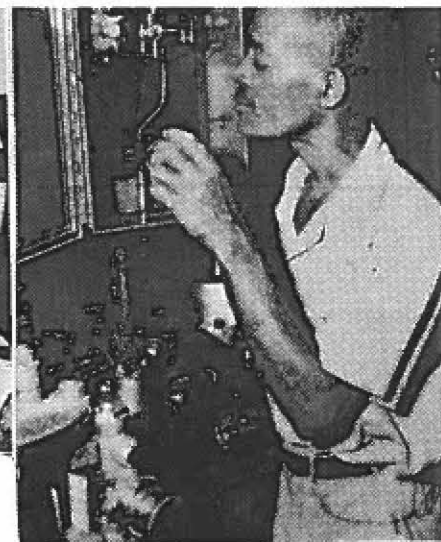
As a result of great attention to detail and the careful and thorough work put into the smallest item, unscheduled shutdowns are now a very rare occurrence, and the life of equipment is being constantly improved. The sections of the Plants which have been found to have the shortest service life are under



Apprentice Alvin Dorset receiving instruction in Pressure Gauge Calibration from Mr. F. Sucre, one of the Instrument Shop fitters.



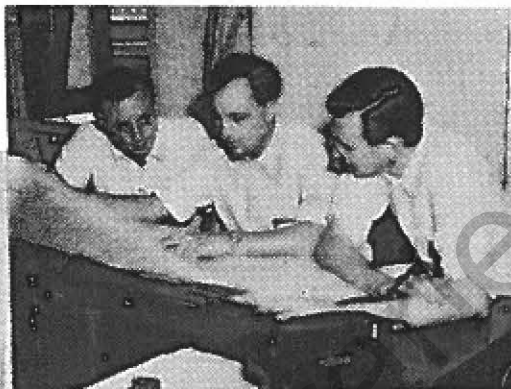
L — R: Messrs: A. Felix, Foreman, E. Robinson, Instrument Shop Supervisor, and Ramnathsingh, Foreman.



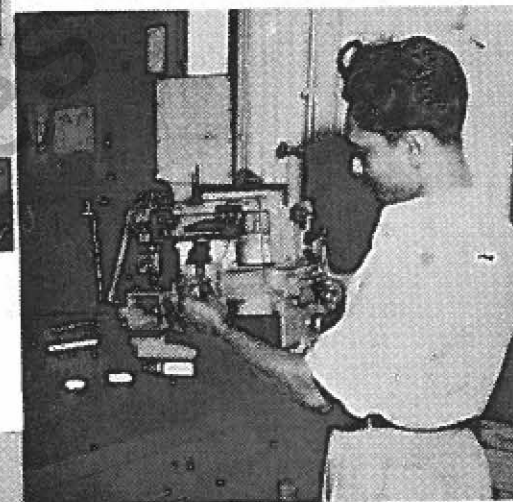
Mr. I. Niles, adjusting a pneuma transmitter for use on drilling rigs.



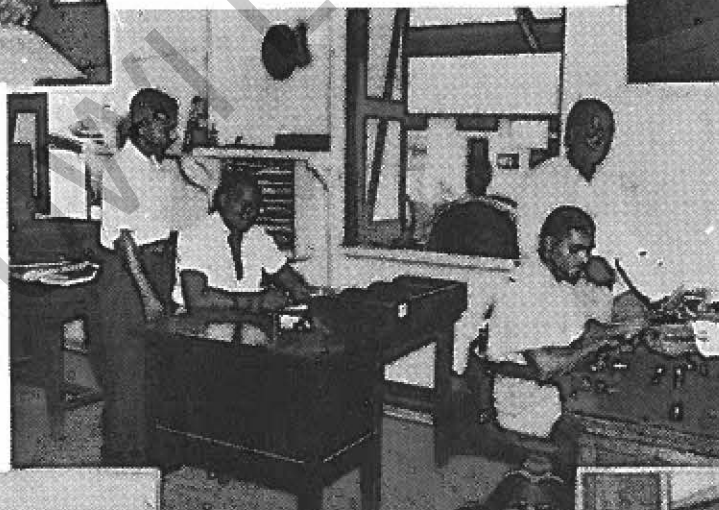
L — R: Messrs: T. J. Upton, L. C. Allcock, H. H. Pogson.



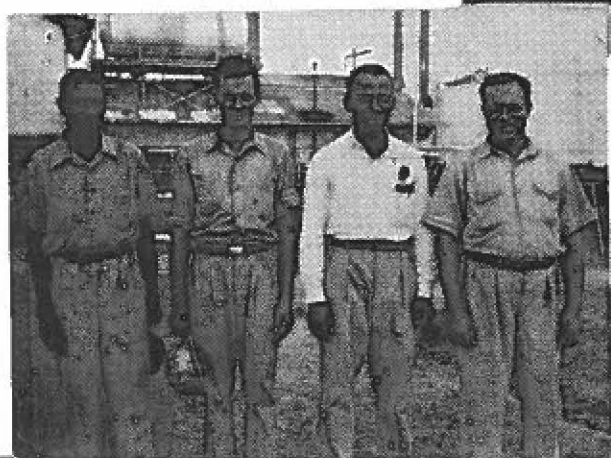
L — R: Messrs: E. F. Caine, F. A. Lewis, and P. J. Crawford.



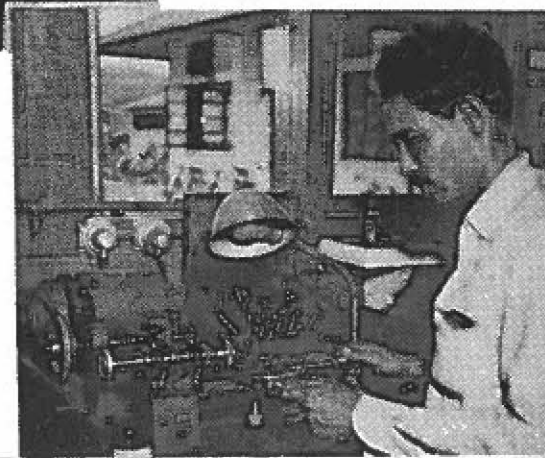
Mr. Joseph Mahabir, at work on Potentiometer Temperature Recorder.



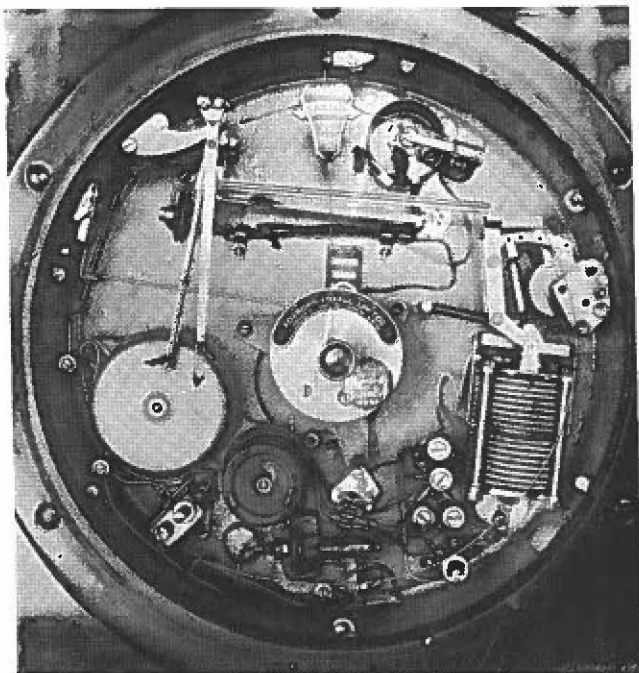
L — R: Messrs: C. White, Rigger Chargehand L. Graham, E. Reefer and L. Hicks, Plant Foremen.



L — R: Messrs: W. R. Patterson, L. Pierre, E. I. Reid and C. Mejias.



Mr. L. Evanson, operating delicate Jeweller's Lathe.



Two illustrations of the intricate mechanisms of some of the instruments controlling Refinery processing work. Above, is an Automatic Temperature Recorder Control, and below

constant review and experiments are carried out with re-designing the lines and equipment to eliminate turbulent flows and erosion, and where this cannot be done lining with special materials has been introduced. It has been found that apparently trivial details can have a profound effect on flow characteristics, and that lining with stainless steel containing small quantities of molybdenum goes far to combat erosion and corrosion. It is really an endless battle between these two evils and the maintenance men. Each Plant built has its own problems, and only by constant experiment and development, over periods of years, can these problems, which the Plant designer cannot foresee, be eliminated.

An idea of the results can be seen from the fact that between the last two scheduled shutdowns on T.P. 3 the period was one year and five days. Out of this time a total of 46 hours was lost due to Plant failure, representing an availability of 99.49%.

INSTRUMENTS

The Instrument Shop, under the direction of Mr. E. Robinson, assisted by Foremen Ramnathsingh and A. Felix, is probably one of the most rapidly expanding units in the Company today. This is in line with the general situation throughout the Oil Industry where, with constantly improved products being made to ever-tightening specifications, with wells going deeper and presenting more problems, and with increasing attention to scientific production and reservoir control, automatic instruments are being

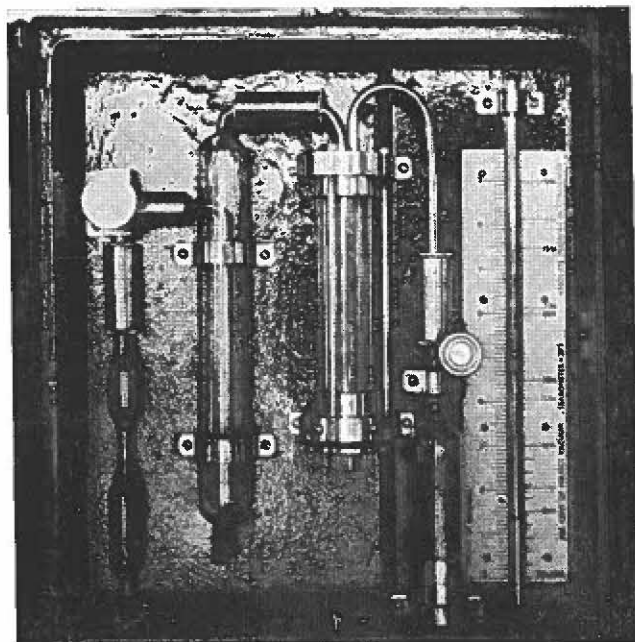
utilised more and more to eliminate the human element and replace "rule of thumb" with precision.

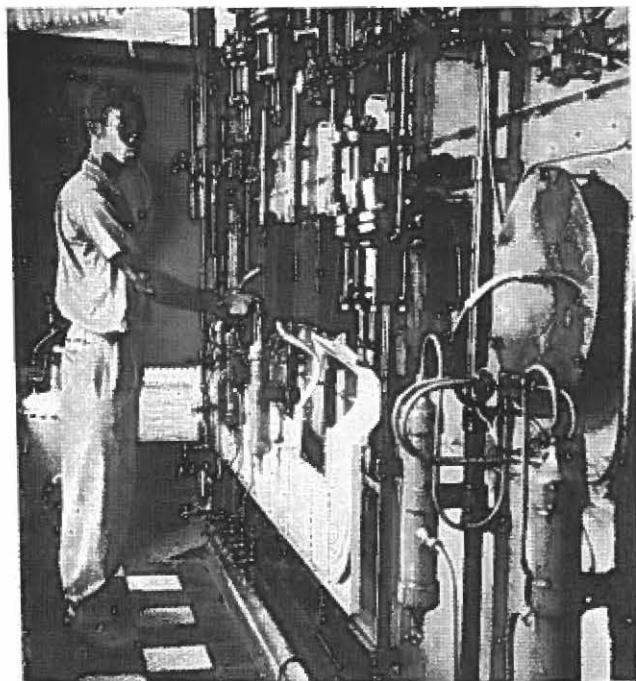
Our own Instrument sub-Section has grown in five years from a few men carrying out day to day repairs on the Plant instruments, to an organisation based in a modern, well-equipped Workshop, responsible for all phases of instrument work throughout the Company, and other engineering work of a high precision nature. Some idea of the type of work carried out can be had from the fact that the Shop has equipment capable of making the smallest clock balance staffs, and new equipment coming into use can drill a hole smaller than a human hair.

The instruments in use controlling operations on the Refinery Plants approach closely to the fantasies of H. G. Wells and others with their robot men, for these instruments are robot operators, only much more accurate and dependable than any operator could be. Modern refining would be impossible without them.

These instruments can measure a temperature, pressure, level or flow; plot the reading on a graph, compare it with the figure required by the operation, and by means of air relays and automatically controlled valves, make the necessary adjustments to rate of firing, pump speed, or other controlling factors. If any change takes place it is recorded and the necessary adjustment made in the time it would take an operator to notice the change, and an automatic controller is never caught looking the other way. Other instruments of the re-setting type can take readings of two variables, decide whether they stand in the correct relation to each other, and adjust the operation accordingly.

. a Precision Vacuum Indicator.





Above shows the back of a typical Instrument Board installation showing the extensive pipework connections to the instruments. Fitter Charmey Lewis is seen carrying out routine checking

The number of different types of instruments is legion, and there are instruments to record and control almost everything, but mention may also be made of the CO₂ recorders, which take a sample of gas, conducts a chemical analysis on it, and records the results, about once a minute, day in, day out. The multipoint temperature recorders can measure the temperatures at up to a dozen different points at once and produce a type-written record showing the temperatures at all points at any minute!

There are several of these automatic brains on T.P. 3 alone, quite apart from the large numbers of less spectacular instruments such as flow, pressure, and temperature recorders; and the humble, but important, pressure gauges.

The control panels are truly the nerve centres of the Plants, and fittingly the instrument men make every effort to see that the outsides are as perfect as the insides, and that the finish and orderliness of the panels make their charges look like the precision scientific instruments they are.

Naturally, these delicate mechanisms need maintenance of a high standard and each is checked at frequent intervals to ensure that it is in perfect condition. At the plant shutdowns all the instruments are completely stripped down and overhauled.

In the fields today more and more instruments are coming into use. On the production side there

are the flow and pressure recorders, reducing and back-pressure valves, controlling and measuring the flows of gas throughout the fields. The Exploitation Engineers have their wonderful Amerada pressure bombs, which look like pieces of shining 1" pipe, but contain such intricate mechanism that when lowered down a well they return to the surface with a graph showing exactly the pressures encountered, from which invaluable information is deduced.

In drilling operations, there is the ever-present weight-indicator, while the new Drill-logger equipment coming into use can plot weight, revolutions, footage, and mud-pressure at all times while the rig is working to give a perfect picture of the progress made and the conditions encountered.

The operation and day to day attention of these instruments is naturally in the hands of the Department concerned, but technical supervision comes from the Instrument Shop. Operating personnel are trained there in the application of instruments, and the Shop is responsible for all repairs and overhauls, spares stock and associated matters.

Apart from this, the Instrument Shop handles much other similar work, weighing machines, clocks, survey and laboratory equipment, and even sharpens the scissors for the Hospital. All the time it is necessary to keep a man engaged full time overhauling pressure gauges, and another on flow and pressure recorders.

As every Budget brings more and more instruments into use, it is increasingly true to say that the great strides made by the Oil Industry have only been possible by the way instrumentation has kept in step with the needs imposed on it.

General view of part of the Instrument Shop.





Mud Volcanoes in Trinidad

MUD VOLCANOES occur in many parts of the world, sometimes, but by no means always, in the neighbourhood of areas where commercial oil production has been found. The writer has seen them in the territory of Papua in New Guinea, and in the island of Boela in the Moluccas. They are very numerous in Trinidad, and many of the Trinidadian examples are further remarkable for their great size and the extreme violence of their eruptions, for example, the Columbia Volcanoes and the famous "Devil's Woodyard". The illustration which forms the heading for this article shows one of the series which go to make up the Columbia group. Mud volcanoes may in fact be added to humming birds and spin bowlers as Trinidadian products which are second to none.

Some of the Island's mud volcanoes are easily accessible and many of us have seen one or more. They vary in appearance from single cones from a few inches to several feet in height to quite large areas of mud, bearing one or often several of such cones on the surface, usually near the centre. Stones brought up from the depths are often present and vary in size from small pebbles to blocks several feet in diameter. If you walk west along the beach at Los Iros you will find, at the first point, some very large blocks of Herrera sandstone lying in the mud which brought them to the surface. These are blocks of oilsand, and if they are chipped the smell of oil is very noticeable.

Mud volcanoes should be approached cautiously unless a guide is present. Usually the mud is quite hard and one can walk safely right up to the vents, but some volcanoes have treacherous soft spots in which it would be possible to sink and add oneself to the geological collection being brought up from below. A little commonsense and poking with a stick will

prevent this error, and no mud volcano that the writer has ever seen is as treacherous as a peat bog.

The vents may be inactive, or they may be oozing liquid mud, or there may be quite a strong emanation of gas bubbling up from below, usually intermittently. Sometimes a pleasing pyrotechnic effect may be obtained by firing the gas with a piece of burning paper tied to the end of a long pole, the gas will fire with a pop and burn for a few seconds with a blue flame. This, however, is just the kind of employment which the Proprietor of the Woodyard delights to find for idle hands to do, for mud volcanoes may be classified by the layman into those which can safely be ignited and those which cannot; in case of doubt, don't.

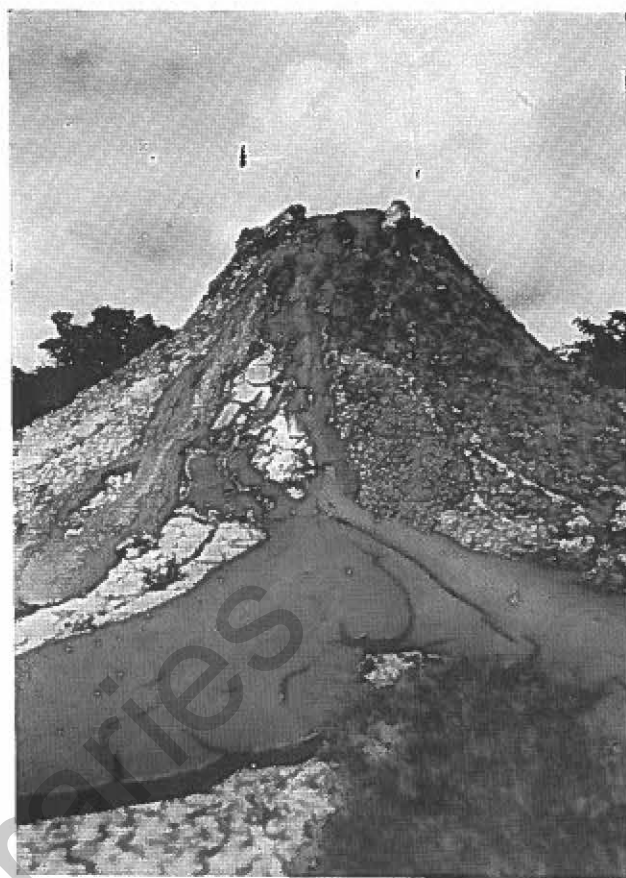
It is not so easy to describe what a mud volcano really is as to say what it is not. Firstly, it has nothing to do with a real volcano. In many of the world's volcanic regions one finds pools, lakes or cones containing boiling mud usually reeking of sulphur, these however have nothing to do with the cool mud volcanoes which occur in Trinidad.

Mud volcanoes are not oilseeps and have nothing to do with outcropping oilsands. They may bring up blocks of oil impregnated sandstone but they never flow much oil, the only free oil shown by some is that derived from oilsands which the feeder pipe has happened to pierce in its path to the surface. The mis-named "Balata mud volcano" near the abandoned well BC-1 is not a mud volcano at all, but a very active oil seep. The Pitch Lake at Brighton is not a mud volcano, nor are the eruptions of pitch which sometimes take place in Lot 1 north of Parrylands.

Mud volcanoes are usually found arranged in lines which either coincide with or parallel important

geological faults. Most big faults show a zone of gouge from a few inches to many feet in width formed of finely ground rock flour produced by the crushing and grinding action of the fault as it moves; under certain conditions this may become puddled up with water down below forming a liquid mud, and this mud will then be squeezed to the surface either along the fault itself or along one of the zones of joints, cracks and fissures which usually parallel such faults, and thus a line of mud volcanoes is formed. No one can say why this only takes place in certain places and along certain particular faults. The very common occurrence of gas in mud volcanoes suggest that it is necessary, or at least very much assists the process, and in this sense mud volcanoes are favourable indications for the occurrence of oil. In general, however, if a geologist is prospecting a new country and keeps on falling into mud volcanoes he becomes sad, and discouraged, for they indicate that there is too much faulting and shattering of the rocks below to permit the formation of good reservoirs of oil. It is noteworthy that with very few exceptions, most of Trinidad's oilfields have been found away from the

Close up view of top, or vent, of the L'Envieuse mud volcano. This volcano emits liquid mud and gas and our photograph was taken as the large mud and gas bubble burst.



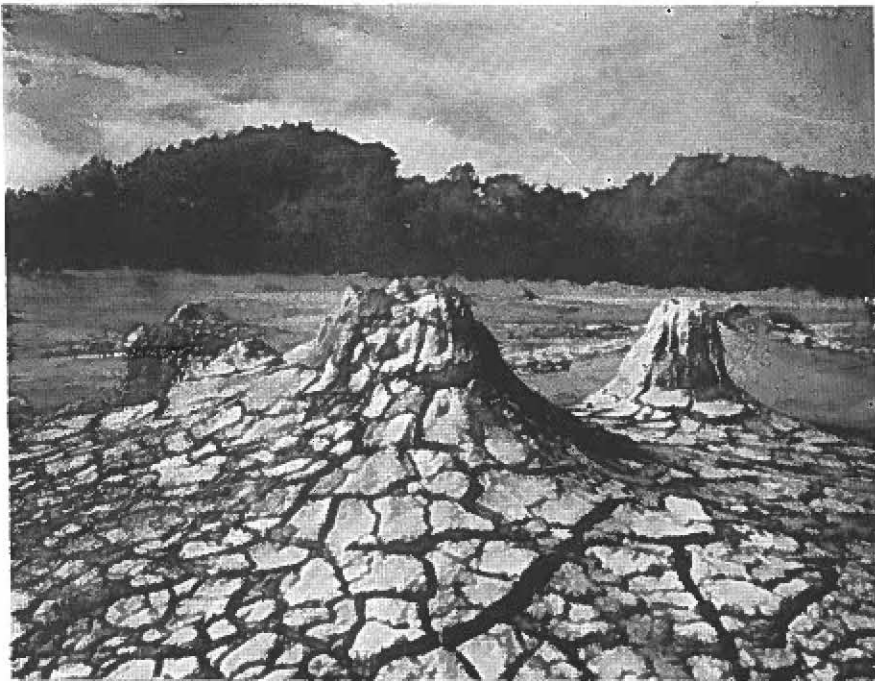
The L'Envieuse mud volcano near Cedros.

Note the mud flows down side and in foreground which have resulted in the cone growing to its present size.

big mud volcanoes, and that wildcat drilling near these big mud volcanoes has been unsuccessful.

Mud volcanoes are however of great interest to the geologist on account of the chips and blocks of rock which they bring up from the depths. These can frequently be identified, for instance, the Herrera sandstone from which so much of our Penal production, is obtained, and the Cretaceous argillite are unmistakable. Such blocks often occur in mud volcanoes situated many miles from the outcrop, and the mud volcano thus gives a clue to the rocks that occur far below the surface.

This however is only of use for a general interpretation of the structure of the district, for unfortunately there is no known means of telling from how far down the rocks are derived. Size is no guide, for very large blocks several feet across have been proved to have been derived from a depth of over two and a half miles. If therefore a very young geologist is observed dancing with glee amid the ejectamenta of a mud volcano, close examination of the background will usually disclose an exploitation engineer



These particular volcanoes form a ridge on a plateau caused by mud flows. The cones shown in this photograph are at present inactive which accounts for the cracked appearance of the ground. They form part of the Columbia group.

and an accountant viewing the proceedings with a cold, unsympathetic, and fish-like stare.

Some mud volcanoes ooze and bubble peacefully all the time, others become plugged, probably by tectonic pressure, until an enormous gas pressure has accumulated or until the fault on which they lie moves again, then something gives way and up she goes. The famous "Devil's Woodyard" is an example, and is popularly supposed to erupt every three years. At the present time, however, she is about two years overdue. As we are told both that "punctuality is the politeness of princes" and also that "The Prince of Darkness is a gentleman", this appears to pose a very pretty paradox.

Heavy paroxysmal eruptions with noise and earth tremors have also been reported from the huge Columbia mud volcano.

Mud volcanoes are not con-

fined to dry land. On at least two occasions new islands have been thrown up, which being formed of soft mud were speedily eroded by

the waves and disappeared. On October 31st, 1911, gas was observed bubbling up in the sea over Dispatch Reef off Chatham and by November 4th a new island had appeared. It was about an acre in extent with a well-defined cone or crater some twenty feet high in the middle. Gas with a sulphur odour bubbled out all around and this caught fire in some unexplained manner, the flames rising to a height estimated at 500 to 1,000 feet. On November 8th the island was found to have grown to about 8½ acres with two well-defined cones, but it disappeared soon afterwards.

Again on December 21st, 1928, an island appeared a mile and a half south of Chatham Beach, about a mile from the 1911 island. It was between 75 and 100 yards in diameter and the highest point was only some six feet above sea level.

Another view of the Columbia mud volcanoes showing an active vent surrounded by temporarily inactive ones.



Spotlight on Sport

By CLYDE McLEAN

FOOTBALL



UP to the time of writing, "King Sol" has not returned from long leave to make us cricket-minded, and to recall results of the fairly successful season of football UBOTS enjoyed during 1950 will not be out of place.

When the last sports report went for publication, the UBOTS First Eleven had already captured the most prized of soccer awards in Trinidad, the F.A. Trophy. Our boys were already aware of the fact, too, that having lost the Mark-Moody Shield to Forest Reserve they were not eligible to contest the Dan-boline and Gooden-Chisholm Cups. Were these trophies all that UBOTS had to "lend" to their victorious opponents? Unfortunately, not! Forest Reserve were having quite a fruitful season and went on to capture the Duckham Cup with a 4-3 victory over us. A few days later, UBOTS again journeyed to Apex, this time to settle the fate of another trophy, the Stephens Charity Cup. Our boys evidently believed that charity does *not* begin at home as they very charitably left the trophy in the hands of the Apex F.C..

UBOTS had by then got out of the habit of winning, and it was therefore a surprise to see them come back to Point Fortin with the Oilwell Supply Cup, having returned the compliment to Forest Reserve with a 4-3 win. Our boys had therefore lost all the trophies they *won* in 1949 and had to be satisfied with winning the two they *lost* during that season.

CURACAO-SURINAM TOUR:

While the above finals were being played at Apex, headquarters of the S.A.F.L., Point Fortin had the opportunity of seeing one of the visiting Dutch teams in action when a representative Curacao team engaged our boys in a clean and classy game at the Mahaica Savannah. A fine afternoon on the 24th November, enabled hundreds of football lovers to see a goal in the first half of play by A. Forrester, the Curacao right-winger, spell defeat for UBOTS who took the field without their star wing halves, D. Charleau and D. Griffith, owing to these two players taking a much needed rest due to the fact that they had been selected to represent Trinidad in all the games against the Dutch teams.

The game was a personal triumph for the

Curacao goalkeeper who alone stood between his side and defeat. This player brought everything out of our forwards, especially left-winger C. Drayton, whose kicking that afternoon left nothing to be desired. After the match, the visitors were entertained in the U.B.A.A. Club-house, and in spite of language difficulties a most enjoyable evening was spent with our welcome visitors.

INTER-DEPARTMENT FOOTBALL:

The 1950 Competitions came to a close on the 7th December last, when we saw the

Refinery First Eleven duplicating their 1949 victory, this time at the expense of Engineering, to carry off the Toone Cup.

By their victories earlier in the season, the Refinery Second Eleven had, by winning the Connock Cup, already put their Department on the road to scoring the "double" in successive years. At the conclusion of the final game, Mr. T. M. Forgan, Assistant General Manager, presented the two cups to F. Cudjoe and H. Corbie, captains of the two victorious teams. We extend our heartiest congratulations to the Refinery First and Second Elevens on their achievement.



THE REFINERY 1st XI, winners of the Toone Cup for 1950.
Back Row (L. to R.): Messrs. H. Philipps, L. Gloudon, F. Cudjoe, L. Smith, L. Peters, S. David, L. J. Williams.
Front Row (L. to R.): Messrs. C. Hamilton, L. Peters, G. Batson, H. Atherley, P. Dodough.

U.B.A.A. DINNER :

For UBOTS, no football season is complete until all players who during the year have represented U.B.A.A., together with officials and referees, get together at the dinner given by the Executive Board. At this year's function, more than fifty were present. Mr. F. A. D. Griffiths, Chairman of the Football Section, on behalf of the players, thanked the Executive Board for making the dinner possible. He went on to say, much to the regret of everyone present, that 1950 had been his last season as Chairman, as he was going away on long leave. Mr. W. E. Madden then replied on behalf of the Executive Board, and had the wholehearted support of all when he thanked Mr. Griffiths for keeping UBOTS at the top during his terms of office. It is gratifying here to note that Mr. Griffiths has seen UBOTS win at some time or another every trophy which they are eligible to contest. Short speeches by Messrs. D. Charleau, A. Christopher, K. Galt, G. Edwards and G. Worrell, with calypso singing by Messrs. C. Andrews and R. Baptiste, brought to a close a splendid evening and a football season contested in the true spirit of the game.

CRICKET



The Annual General Meeting of the above section was held during the first week in January. The most important item at such a meeting is the election of Officers, and this resulted as follows:— Messrs. C. A. L. McLean (Chairman), and J. Handel (Hon. Secretary) — nominated by the U.B.A.A. Executive Board — with F. Hackett, T. Arismandez and C. H. McLean forming the Management Committee.

Mr. F. Hackett was elected Captain of the First Eleven, with Mr. A. "Boyo" Frederick his deputy. Mr. T. Arismandez was chosen to lead the Second Eleven for the sixth successive year, with Mr. C. Thornhill as Vice-Captain.

The weather has not been kind to cricket, but U.B.A.A., unlike many clubs, made an early start, and before the rains came all cricket pitches were prepared, allowing players to put in some valuable practice. The Second Eleven were quite fortunate in that they were carded to play their first match at

home against Apex C.C. On the first day of this two-day, there was much rain which delayed the start until 3.30 p.m. U.B.A.A. batted first and did exceedingly well on the soft wicket to make 67 runs for the loss of 4 wickets before the drawing of stumps. Their batting was resumed on the second and final day, and on a perfect wicket the remaining 6 wickets added 53 runs. Principal scorers were P. Cummings (48), I. Mayers (29) and L. Harewood (13). With this fair total of 120 runs, our boys took the field confident of winning the

game, and proceeded to do so in no uncertain manner. The Apex boys could do no better than score 19 runs in their first venture, and this was chiefly due to the wily bowling of H. Bailey who bagged 6 wickets for 6 runs, and B. Peters 3 for 9.

Our skipper, Theo. Arismandez, enforced the follow-on, and nearly clinched full points as eight opponents were dismissed for the second time in one day for the slightly better score of 28 runs. These second innings wickets were shared by L. Harewood (3 for 13), with the first innings heroes, H. Bailey and B. Peters getting 2 each.

Our First Eleven were booked to play the boys from Apex, but due to the heavy rains the latter's ground was not in a fit condition and the match had to be cancelled.

INTER-DEPARTMENT CRICKET

The Pracy Cup final, to decide the winners of the 1950 season, was played before a crowded grand stand at the Mahaica Oval on Sunday 25th February this year. The Penal players of the U.B.A.A. run their own Inter-Departmental Competition and their



*THE REFINERY 2nd XI, winners of the Connock Cup for 1950.
Back Row (L. to R.): Messrs. A. Williams, H. Corbie, S. David.
Middle Row (L. to R.): Messrs. D. Lynch, L. Peters, D. John.
Front Row (L. to R.): Messrs. O. Allen, C. Hamilton, W. Patterson, P. Dodough, R. Haywood.*

winner contests the Pracy Cup with our finalist. For this match the boys of the Drilling/Production Departments of Penal came to Point Fortin to do battle with our Boilers/Pipe Lines combination and their trip was not in vain. Boilers/Pipe Lines won the toss and elected to bat on a perfect wicket but found the bowling of the Penal Boys also perfect; 27 runs were all that they could muster. At this stage, everyone thought it would be an easy victory for Penal but 5 wickets went tumbling before they could creep past the score.

At the conclusion of the match, Mr. W. E. Madden presented the trophies and prizes won during the season.

Here are the winners :

Tanner Cup : Engineering.

Best Batting Average : F. Hackett ; *Best Bowling Average* : A. Frederick ; *Highest Individual Score* : H. Bridgeman ; *Most Wickets Taken* : L. Dopwell.

Pracy Cup : Drilling/Production (Penal).

Best Batting Average : B. Peters ; *Best Bowling Average* : B. Peters ; *Most Wickets Taken* : B. Peters ; *Highest Individual Score* : A. Cain.

INDOOR GAMES :

The U.B.A.A. had a very busy time deciding their Championships and although there were few entries, especially in the Billiards Tournament, the interest shown by onlookers at the games was most satisfying.

The winners of the various prizes are as follows : *Billiards* : "A" Class — V. Sylvester ; Runner-up — S. Layne ; "B" Class — O. Waterman ; Runner-up — C. Blash ; "C" Class — A. Apparicio ; Runner-up — C. McClean. *Table Tennis* : "A" Class — C. Williams ; Runner-up — M. Pierre ; "B" Class — D. Thomas ; Runner-up — E. Nimblett ; "C" Class — S. Blake ; Runner-up — G. Maraj.

Just a few yards away from the U.B.A.A., the U.B.J.S. were conducting their Annual Tournaments with the following results :—

All-Fours : Gents — Messrs. E. Christian and C. Khabay ; Ladies — Mrs. O. St. Louis and Miss D. King. *Billiards* : "A" Class — H. Gordon ; "B" Class — S. Brooks ; "C" Class — S. Bobb ; Highest Break — St. G. John (37 points). *Bridge* : "A"

Class — N. Bernier and M. Morris ; "B" Class — E. Singh and F. Lord. *Chess* : "A" Class — C. Mejias ; "B" Class — S. Morris. *Draughts* : H. Tyson. *Table Tennis* : "A" Class — C. Mejias ; "B" Class — E. Taylor ; "C" Class — S. Bobb.

TENNIS



This game has grown very popular in this Island during the last few years and the U.B.J.S. Club players are determined not to be left behind in this respect. It was found that one court was not enough for all those who wished to play and the Management of U.B.O.T. Ltd. have very generously agreed to construct a second one and work is already started on this.

Results of the 1950 Championships were as follows :— *Doubles* : Messrs. M. Maynard and E. Singh. *Singles and Club Champion* : Mr. R. Valentine.

UBOTIMES extends congratulations to all the prize-winners mentioned above and at the same time wishes the unfortunate ones better luck next time.

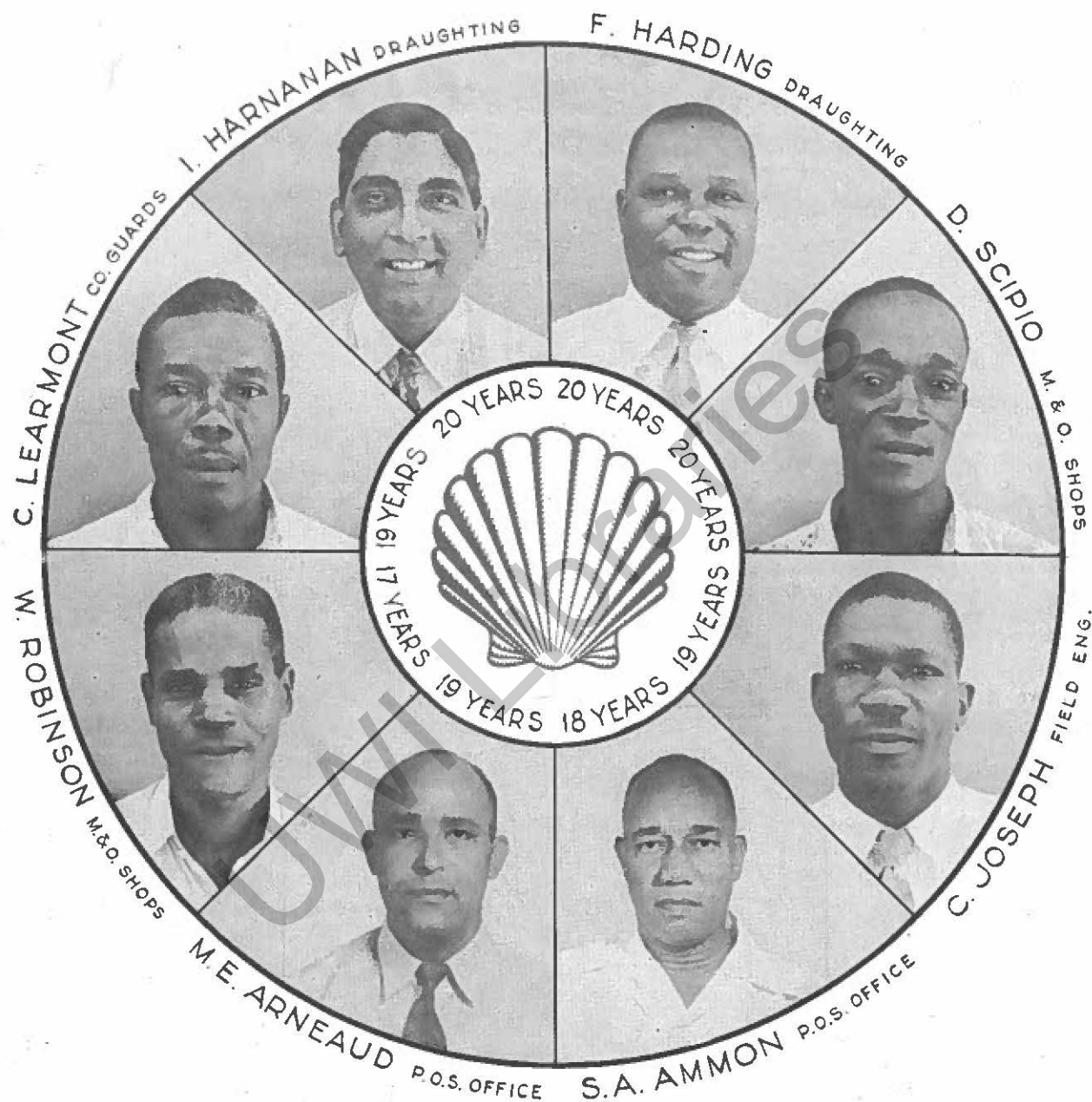


The dinner given by the U.B.A.A. Executive Council to mark the end of the football season for 1950.

ATHLETICS

This issue of UBOTIMES has had to go to Press without our being able to report the U.B.A.A. Open Athletic Meeting held on March 18th and the Coronation Cup Sports Meeting scheduled for Easter Sunday. The latter Meeting was originally carded for March 11th, but rain unfortunately forced a change in date. We hope to be able to cover both these Meetings in our next issue, together with the U.B.A.A. Penal Meeting scheduled for the end of April.

SERVICE BIRTHDAYS



and still going strong!



RULES AND DIRECTIONS :

1. The Contest is open to all employees of U.B.O.T. Ltd.
2. Only one try per person is allowed.
3. The questions are simple ones and everyone who uses the roads should be able to answer them. Only one of the three answers given is the correct one. You must decide which this is !
4. Take a sheet of paper and give an answer to each question. At bottom of sheet fill in your name, registered number and section, then place in an envelope addressed to the Fire & Safety Officer, U.B.O.T. Ltd., Point Fortin. The words
- SAFETY QUIZ** must be written in the top left hand corner of the envelope.
5. The first correct or most nearly correct solution opened, will be awarded **TWENTY DOLLARS**. The next most nearly correct solutions opened will be awarded **TEN CONSOLATION PRIZES** of **FIVE DOLLARS EACH**.
6. **ENTRIES CLOSE** on the 29th April, 1951, at 4.00 p.m.
7. The decision of the Company is final in all matters connected with this Competition.

QUESTIONS :

1. The Traffic Sign bearing the symbol of an engine indicates :
a) A Fire Station. b) A level crossing without gates.
c) A level crossing with gates.
2. The third eye on a motor vehicle is :
a) The driver's helper. b) The light on the dashboard.
c) The reflecting mirror.
3. The law in Trinidad regarding the sounding of horns in any municipal area is :
a) They may be sounded at any time except between 2.00 p.m. and 4.00 p.m. on Sundays. b) The driver may not sound them between the hours of 6.00 p.m. and 6.00 a.m. c) The driver himself shall not sound or allow any other person to sound such horn between the hours of 9.00 p.m. and 5.30 a.m. in any municipal area.
4. You are driving a car from the Point Fortin Market towards the A.B.C. roundabout when a Police Jitney appears from the direction of the Police Station wishing to proceed towards Frisco Junction. At the same time a cyclist comes from the Labour Office direction and he wishes to go to the Market. Who has the right of way ?
a) The Police Jitney. b) The car. c) The cyclist.
5. The Speed Limit for a U.B.O.T. Bus when empty in a built up area is :
a) 15 m.p.h. b) 20 m.p.h. c) 25 m.p.h.
6. The Speed Limit for a U.B.O.T. pick up outside a Speed Limit area is :
a) 50 m.p.h. b) 30 m.p.h. c) 20 m.p.h.
7. The maximum number of persons including the driver allowed to be carried in a pick up is :
a) 10. b) 7. c) 5.
8. The number of persons allowed to ride in the front of a pick up in addition to the driver is :
a) 3. b) 2. c) 1.
9. If a passenger in a pick up or truck is seen standing at the back or sitting on the rails or tail board, who is liable to prosecution
a) The passenger. b) The Company. c) The driver.
10. On meeting a STOP, "Major Road Ahead" Sign, you should :
a) Slow down to about 5 m.p.h. and if there is no traffic on your right, proceed on to the Major Road. b) Stop your vehicle and only proceed when road is clear. c) Slow down, look both ways, then proceed on to the Major Road.
11. What do you consider a safe speed to turn from a Minor Road into a Major Road ?
a) 15 m.p.h. b) 10 m.p.h. c) 3 m.p.h.
12. The letter "L" on the front of a car coming towards you indicates that :
a) The driver of the "L" car must give you right of way. b) That the "L" car is towing another. c) That the driver is a learner and should be given every consideration due to his lack of experience.