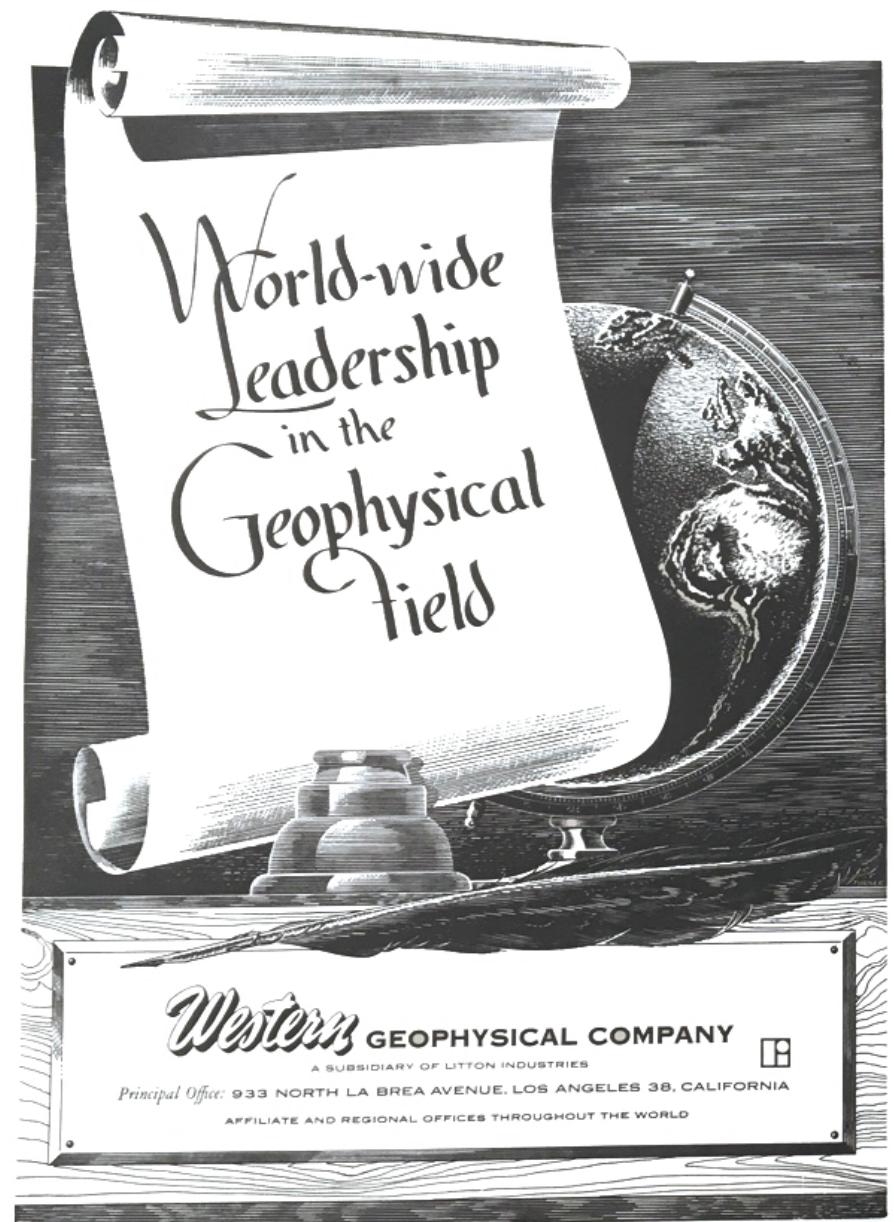


Ethan Hardacre

February 15th, 2019:

Wandering around the basement of the Honnold Mudd Library I stumbled upon a dusty old book titled “Petroleum Developments and Generalized Geology of Africa and Middle East”. Up to that point I hadn’t thought much about oil developments in Africa, but as I flipped through the pages and pages of maps in this book I found something really interesting. Every few pages I found another ad for an oil related company. The juxtaposition of these ads and the maps of African countries on the adjacent pages, made clear to me the ways in which western perceptions of Africa have cultivated a destructive habit of land grabs and developments in these oil rich countries.



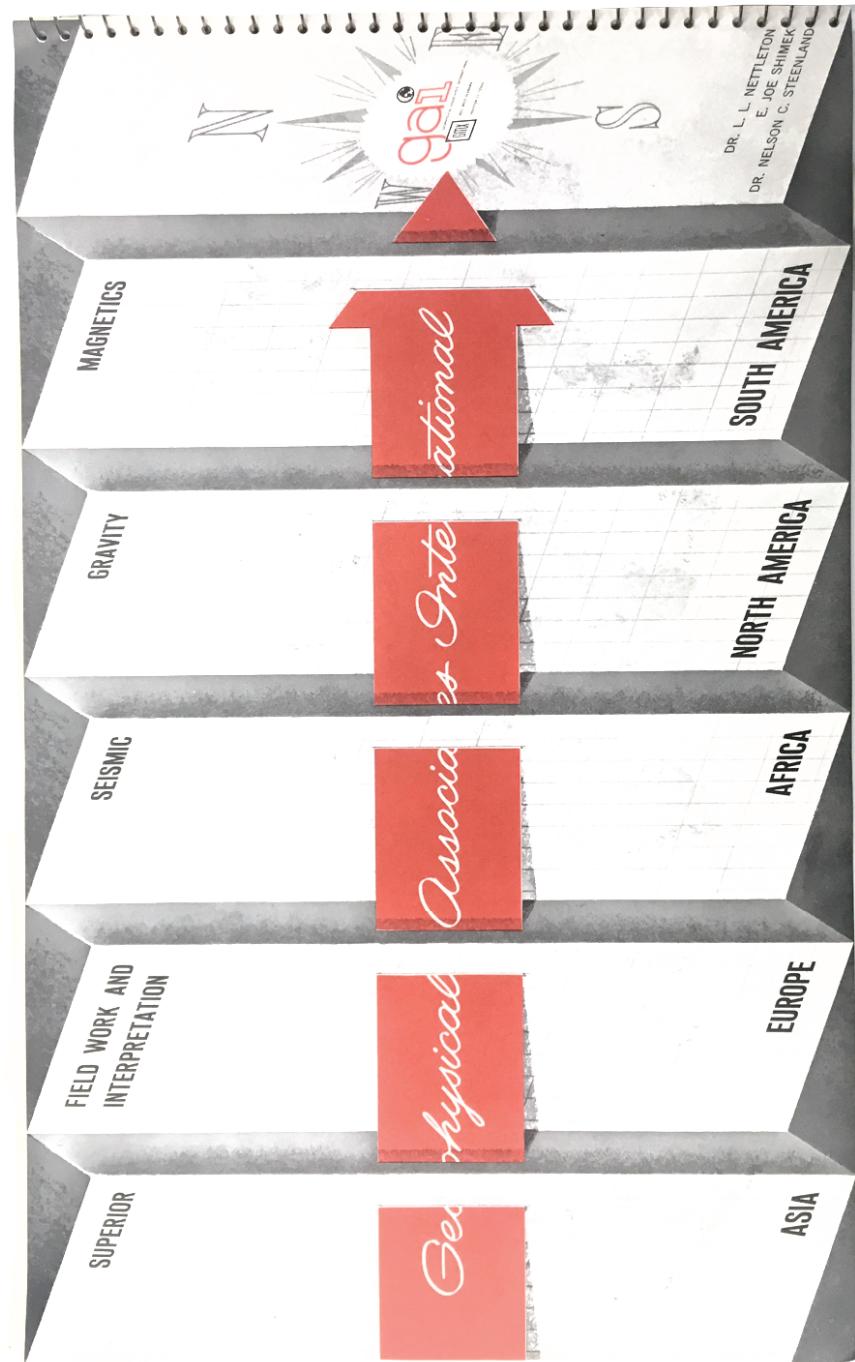
■ McConnell, Philip C. (1985). The Hundred Men

■ Yates, Douglas A. (2012). The Scramble for African Oil ■

All figures and images come from “Petroleum Developments and Generalized Geology of Africa and Middle East”
(Avrill H. Munger, E. Placidi, 1960)

This story has been written as an expression of affection. It is offered as a tribute to those Americans who, with their Saudi assistants, struggled during the early years of the Second World War to perform the tasks required in holding the vast Saudi Arabian oil concession. These visitors from the West met the Arabian desert with a tolerant grin and a casual curse and the unspoken taken-for-granted attitude that they had come to this barren land to do a job and, by God, they planned to do it

The ‘oil curse’ is a shorthand expression that denotes a series of dysfunctions—economic, political, governmental, and security—which are strongly associated with oil-dependency.



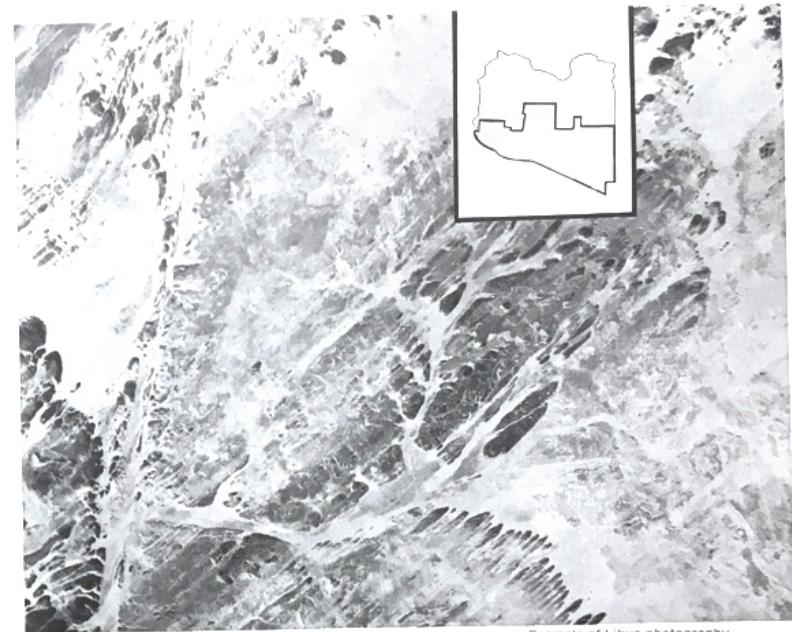
Together, they encountered an uncompromising desert that could kill those who violated its rules. Together they became aware of a strange and ancient civilization that had produced a people full as proud of their heritage as the Americans were of theirs.

Torn by violent conflicts based on ethnocentrism, unfair distribution, status frustration and internalized inferiority complexes, the people who live in these oil-rich countries are prone to rebellion, insurrection, and civil war.

These men and women had been tested by the challenge of the desert and had found there a justification for holding on in spite of discomfort and such growing threats to personal safety as war might offer. They had made an investment of themselves in this venture.

The West was often one the wrong side, choosing men who would collaborate with multinational corporate designs for Africa and assassinating genuine nationalists and pan-Africanists who might, had they lived, taken their countries in a different direction.

In that flow of oil and history, the Hundred Men performed a small part that gains in significance as it is viewed as a link in a chain of events that made this oil available to the modern world.



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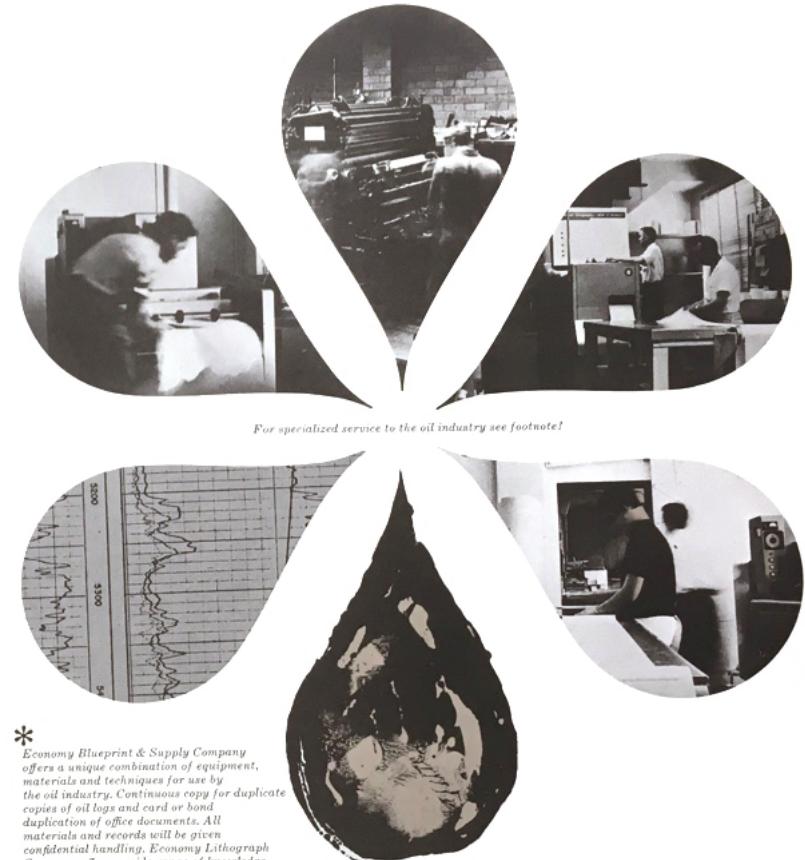
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the geologists took the name Dammam for the prospective oil field surrounding it, in accord with a habit of giving an oilfield the name of a nearby town. The community that grew within the oilfield, and became the company's headquarters, was known as Dharan.

They, as the geologists before them, were pioneers in the fullest sense of the word.

When you consider an African oil enclave, one of its single most striking features is the domination by and dependence upon foreign multinational corporations (MNCs) that own it. They hire their own exploration teams. They build their own offshore drilling platforms. They run their own pumping stations, pipelines, refineries, heliports and tanker fleets as they please. Their global distribution networks, world-class investments, and superior technology give them a kind of sovereign power over poor rural African villages located around the enclaves.



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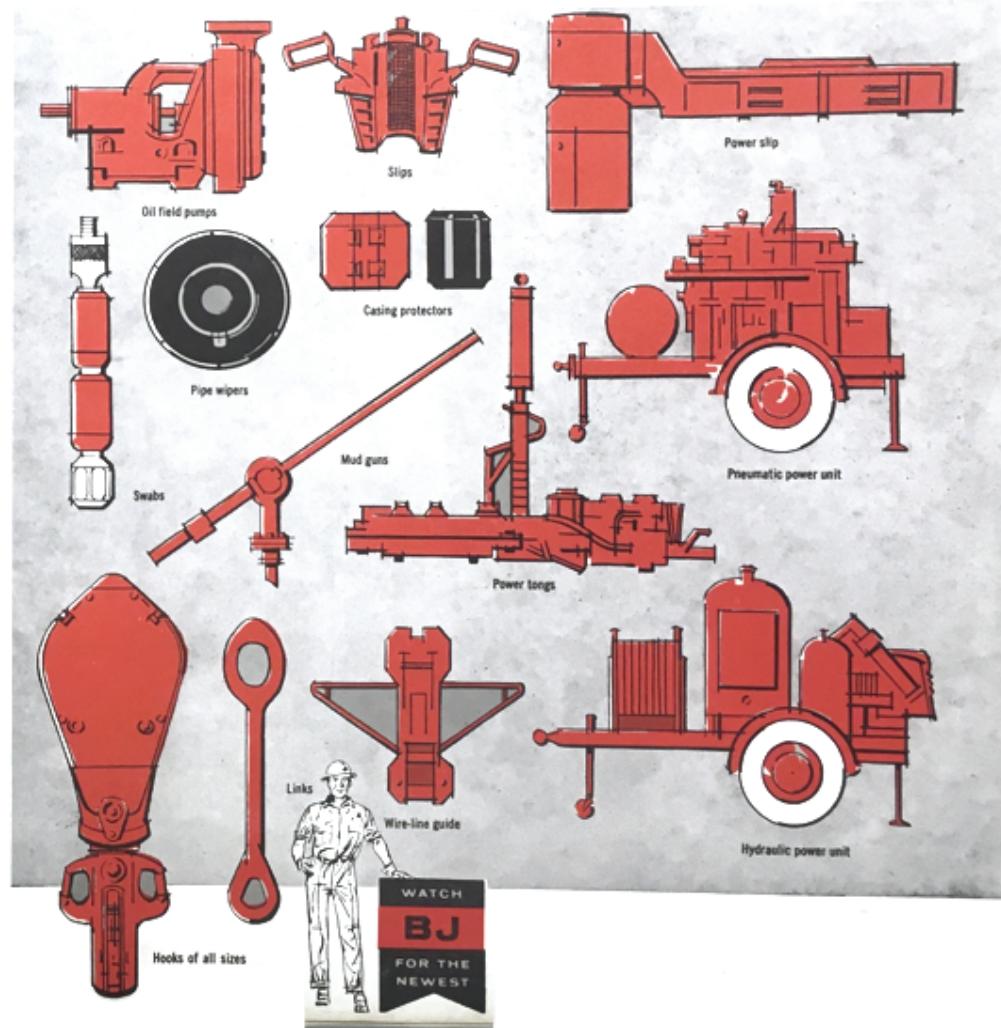
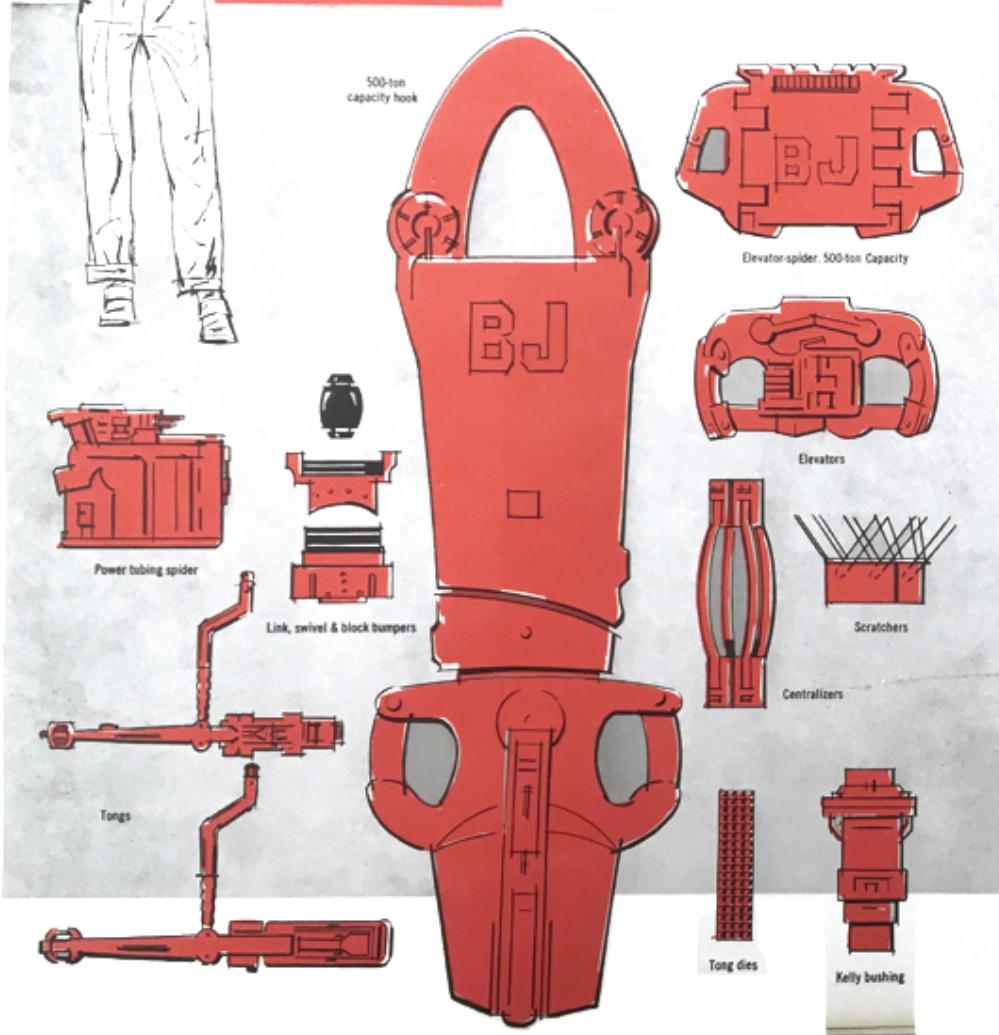
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* *in Design*



Economically these states have tended to neglect their human development because they are blinded by their resource wealth.

Development of the concession was being pushed as rapidly as seemed feasible. More Saudis were added to the payroll, and ships continued to bring more Americans.

the village schoolteachers were leaving their schools to take well-paying construction jobs on the pipeline.

The More Remote the Well...The Greater the Need for



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are ideal for the great majority of general drilling applications. Both types feature:

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Type B has non-return locking shafts for those preferring maximum compactness. Type E has return locking shafts for those preferring quick indication of ram position. Otherwise they are the same in their many operating advantages!

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combine a Blowout Preventer and a Stripper in one trouble-free unit that maintains continuous pressure protection automatically as long as the drill string is in the hole.

There's nothing to forget—or remember—with this unit because it is always packed off around the drill string, whether the string is moving, is being raised or lowered, or is stationary. Moreover, the self-adjusting Stripper rubber expands and contracts automatically to the varying diameters of drill pipe, couplings and tool joints—as well as the varying shapes of square, hexagon and octagon kellys!

You can use this unit for regular drilling, for drilling with air or gas, for drilling with reverse circulation, and for drilling under pressure—wide range versatility to fit your drilling requirements!

REMEMBER—Shaffer's line of pressure control equipment includes the complete range of *Mr. Insulator* Operated Blowout Preventers...plus Shaffer Landing, Casing and Tubing Heads...Shaffer Flow Beans...Shaffer Kelly Cocks...Shaffer Plug Valves...and other advanced pressure control units.

Also the Shaffer “Two-In-One” Down-Hole Tools (Shaffer-Waggener Bumper Safety Joints and Shaffer Jar Safety Joints) are simplifying drilling and fishing jobs wherever difficult operations are a problem!

WRITE FOR HELPFUL LITERATURE that describes the above products in greater detail*

Shaffer field-proven equipment become even more significant. Shaffer provides the industry's *most complete* line of pressure control equipment, as well as a line of Fishing and Down-Hole Tools that is unequalled. Compare this equipment with anything else in the industry and you'll see why leading operators select Shaffer equipment!



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are ideal where extra high well pressures are a problem. The 7-1/16" bore size safely handles working pressures to 15,000 psi. The 9" and 11" bore sizes safely handle working pressures to 10,000 psi. All three feature:

- “Swinging End-Opening” Doors for quick, easy ram changes without dismantling the hook-up or losing operating fluid...Positive “In-Line” Ram-and-Piston design, with no levers, yokes or other complicated operating connections...and many other Shaffer field-proven advantages!

If you have extremely high well pressures to control, Shaffer Type XHP is the blowout preventer you'll want!



SHAFER TYPE LWS BLOWOUT PREVENTERS

are particularly designed to simplify pressure protection on quick in-and-out production and work jobs, where light weight and minimum rig-up time are vital factors.

In the 7-1/16" Bore Size, Type LWS Preventers weigh only 12 lbs., for easy transportation and handling...In addition to a conventional hydraulic pressure system, operation can be portable hand-pump where emphasis is on the simplest possible installation.

These features, plus all the other Shaffer advancements (Swing-End-Opening Doors, Positive “In-Line” Ram-and-Piston design, etc.) make the Type LWS ideal for modern repair and re-work jobs.

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Socal [Standard Oil Company of California] would and did.

On a short test, oil flowed from it [a drill site in Bahrain] at a rate equal to nearly four thousand barrels per day. In San Francisco, joy again flowed with equal abundance.

Shell, TotalFinaElf, ExxonMobil, ChevronTexaco. They produced around 75 percent of all oil exported from the region. Two were European, and two were American.

With the advent of the Americans and their search for oil, a portion of the [Saudi] population entered a world of engines and motors, of spinning flywheels and humming gears.

For half a century, foreign oilmen followed a colonial pattern of investment in Africa. Money came from Europe. Geologists came from Europe. Companies came from Europe.

A war was raging in faraway Europe; but the world of Dharan was at peace. A hum and rumble of motors grew in the air. [...] the quiet was shattered by the roar of explosions [...] half-clad people were pouring into the streets.

Examination by the light of morning disclosed that the total direct damage from the bombing was confined to punctures in two small pipelines.

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THE SCHLUMBERGER
SCHLUMBERGER

By the time the pipeline was finished in 2013 a series of grievances from local communities affected by the pipeline (and not just those entirely wiped off the map by the football-field-wide corridor cut through the forest) included a significant migration of people from other regions who spontaneously settled in their region. There were also complaints about excessive dust caused by the construction, and the contamination of water reservoirs by the underground burial of the pipe.

But who could be trusted to hunt for the buried treasure? [...] Only men from the west seemed qualified.

Inflation in the prices of basic commodities and housing also occurred as foreign workers arrived in their villages.

The Dammam fire was history, but it remained as a vivid memory of the struggle and success achieved by a united community.

The government of Cameroon even created two national parks in compensation for the environmental damage caused by the pipeline's construction. But Chad did not.

In its project appraisal document on the pipeline the World Bank claimed, contrary to the evidence, that 'Chad has successfully put in place democratic political institutions' but Chad's republican institutions were flagrantly violated by presidential and legislative elections which even the US State Department has reported to be "fraudulent," with "widespread vote rigging"

ANOTHER HOMCO
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SUCCESS REPORT

Saved 29 days
on 3 recent fishing jobs.



A North Texas
Driller Reports

"OUR KLUSTRITE ROTARY SHOE SPLIT A DRILL COLLAR IN RECORD TIME"

We stuck a 2 1/2' change over such a 5" OD - 2 1/8" ID and a 6" by 2 1/2" drill collar under the surface pipe. Sub and collar were mostly imbedded in the side wall beneath surface pipe. Using three Klustrite rotary shoes the top half of the collar was split longitudinally. The bottom half of the collar was blasted so that half of the collar was left in the side wall. The other half was brought out of the hole. The hole was then opened to full diameter and normal operations resumed. Using Klustrite shoes this job required only three days. Ten to twelve days is the normal requirement when using conventional or three rotary shoes.



An Operator in
Dr. Center, N.M. Reports
"THE KLUSTRITE SHOE WE USED PENETRATED 20 TIMES
FASTER THAN A CONVENTIONAL ROTARY SHOE"

We used a Klustite 1/2" bottom shoe to wash over a hard-drilled collar in an open hole we had previously run in conventional hard metal shoe but were able to penetrate the 2 1/2" hole. However, a Klustite shoe would penetrate a 1 1/2" hole when using standard cutting tools. Shoe was followed to TD and was recovered at the washer. Shoe was in near perfect condition when job was completed.



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Rotary Shoe

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Beneath these aberrations of state power live poor and deprived societies that have been traumatized by five centuries of bloody exploitation, handicapped by low levels of education and health, primitive economies of accumulation, high rates of unemployment, limited capital, and few opportunities for advancement

Jim Suter was reminded of his language limitations when he was working on a pipeline soon after his arrival in Saudi Arabia. [...]

"What's wrong?" Jim asked.

The interpreter was vague.

"Can the man speak English?"

"No, Sahb."

Jim, somewhat irritated was guilty of a foolish question.

"If he's so smart, why doesn't he learn English?"

Why has nationalization not succeeded in Africa? Why do foreigners still rule African oil?

This question, posed by Yates, is answered through McConnell's glorification of the Western men who went in search of oil in Africa and the Middle East. African control of their land and oil is dependent on a shift in Western perceptions of the region. In 1985 McConnell demonstrated this Western attitude, and in 2012 Yates analyzed the effects. Without an updated view of African states as independent, the economic, social, and environmental unrest will continue as a consequence of unjust land grabs in the area.

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