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**GEOGRAPHIC  
INTELLIGENCE  
MEMORANDUM**

CIA/RR-GM-4  
23 August 1957

***OIL AND PARTITION  
IN ALGERIA***

**CENTRAL INTELLIGENCE AGENCY  
OFFICE OF RESEARCH AND REPORTS**

WARNING

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## OIL AND PARTITION IN ALGERIA

French plans for Algerian Partition have been complicated during the past year by the discovery of oil in the Sahara Desert. From the French standpoint, no partition without French control of the Saharan oil wealth could be entertained. In fact, the French are so determined to retain the wealth of the Sahara, no matter what the outcome of the struggle in the north, that they have separated the two problems. They point out that legally the Sahara has been and is separate from the north, that it forms a separate geographic region, that it is under effective French military control, and that no element in the north has exercised control over the Sahara in modern history. The proposal for partition of Algeria, although still evolving, appears to involve the establishment in northern Algeria of several territories, largely autonomous units to be delimited on an ethnic basis. The Southern Territories has become two departments, which remain part of France.

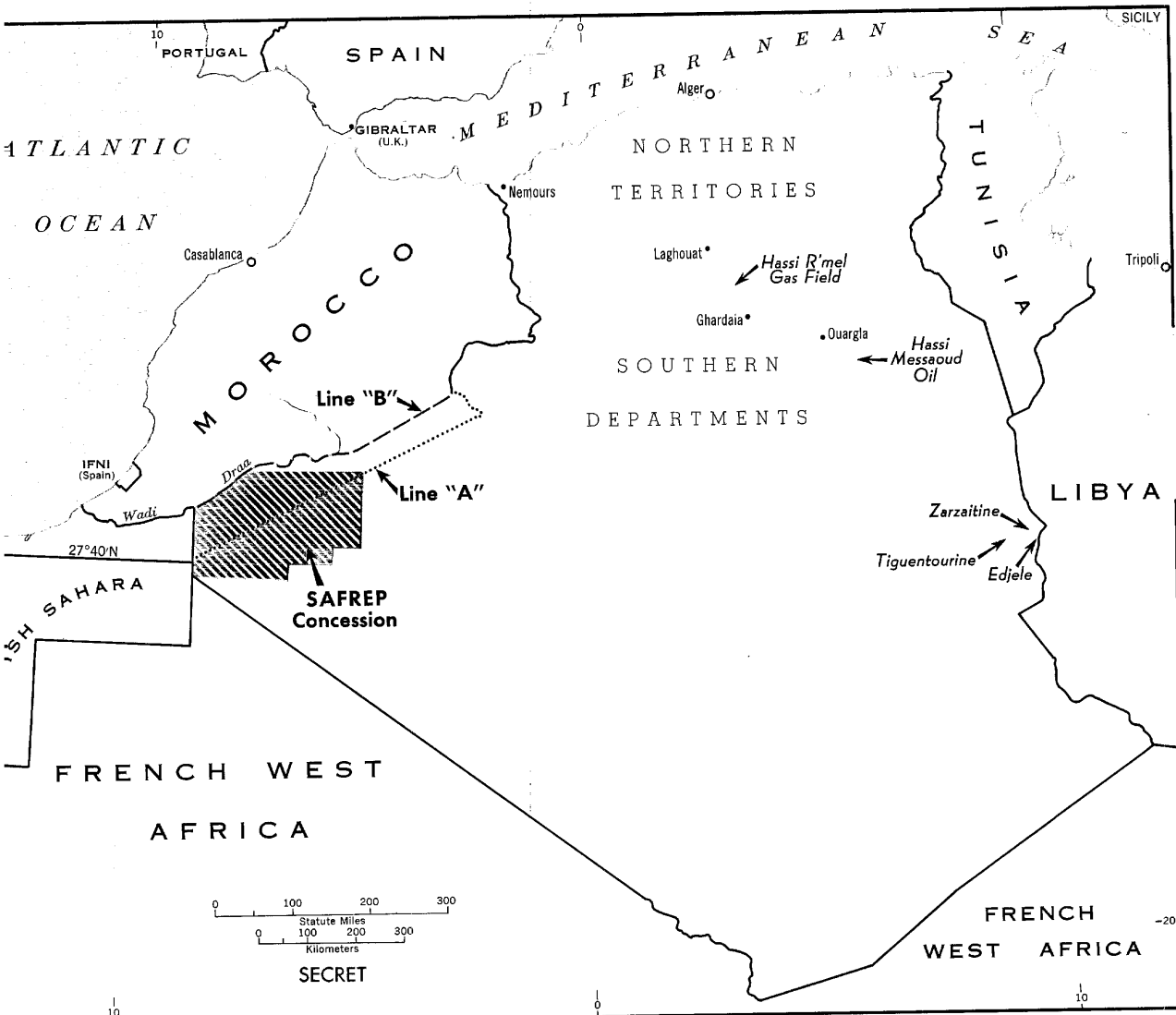
From a nationalistic Algerian standpoint, military success without Saharan oil revenue would mean abandoning the goal of an economically viable state. Any nationalist government that accepted such a solution would ultimately be subject to the charge that it had sold its birthright.

The French are now faced with the problem of getting oil out of the Sahara. Although stability of the entire area is important, oil discoveries during the past year emphasize accessibility to market as the controlling factor. The French are reluctant to risk heavy investment in a pipeline and rail route that would traverse the rebel-infested territory in northern Algeria, and they are now making plans to take the oil to the Mediterranean Sea by means of a pipeline through Libya. French West Africa to the south is rebel-free, but distances to market are much greater than for any other route, and independence for the area is conceded to be less than a decade away. The French solution depends on the location of known oilfields and of concessions where oil may be discovered.

The major oil discoveries in Algeria are confined to the Sahara, and to date all concessions are in the hands of French-controlled companies. The southernmost field consists of three structures in east-central Algeria near the Libyan border and about 350 air miles from the nearest point on the Mediterranean coast. The Edjele structure straddles the Libyan frontier and includes 11 wells (of which 7 are producers) strung out for a distance of 43 miles westward toward the interior. The eastward extension of the field into Libya has not been determined. On the immediate westward flank of Edjele is Tigentourine with 3 wells -- all producers and, like most of the Edjele wells, all shallow. A third structure has been found at Zarzaitine, 18 miles north of Edjele.

At present the field with the largest potential is Hassi Messaoud, 50 miles southeast of Ouargla. The French claim that this discovery has a reserve of 7 billion barrels. Hassi Messaoud is only 200 miles from the Libyan border to the southeast and could be tied into a gathering system with the three southern structures.

Somewhat eclipsed by the discovery of oil has been the discovery of a new gas field in the northern Sahara between Laghouat and Ghardaia. The area also contains two oil pools of undetermined character. The French had planned to build an atomic energy plant at Nemours, 300 miles northwest of the field, to alleviate the power shortage of northwestern Algeria. The gas field is noteworthy primarily because it reduces the urgency for installing an expensive atomic plant and points to the development of cheap power from local sources. The French plan to use 75 percent of the gas for production of electricity; without doubt the rebels, also, are interested in the gas field.



A fourth area of potential oil production, the SAFREP\* concession, is as yet inadequately explored. It is located south of the Wadi Draa where Algerian territory comes within 180 miles of the Atlantic Ocean. About half of the concession frontier lies in territory of unresolved sovereignty along the Algerian-Moroccan frontier.

The French have taken concrete steps to capitalize on their oil discoveries. These discoveries are separated from their markets by foreign powers on the east and west, by rebel activity on the north, and by vast distances on the south. The first major Saharan strike occurred at Edjele along the undemarcated section of the Algerian-Libyan boundary. In fact, at the time the strike occurred, there was fully as much evidence that it was on Libyan territory as on French territory. For 37 years the French had been content to let this boundary remain undemarcated, but with the discovery of oil they set to work to obtain an agreement to demarcate the boundary. For a time, Libyan concurrence was hard to obtain;

At any rate the French were able to move the boundary eastward in places, thus definitely incorporating the initial oil strike within Algeria.

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With ownership practically assured, the French have announced that they intended to terminate a pipeline from eastern Algeria at some point on the coast of Libya or possibly Tunisia. The decision was buttressed by the placement of orders for pipe.

The French have also taken steps to assure their possession of any oil discovered in western Algeria. Although the French have always maintained that no boundary had been agreed upon between Algeria and Morocco in this part of the Sahara, they said in 1954 that, if cartographic portrayal of the boundary were necessary, line "A" on the accompanying map would be satisfactory. In July 1957 the Institut Géographique National, the official French mapping agency, became alarmed about the boundary portrayal it had agreed to in 1954, which had begun to appear on maps made by U.S. Government agencies. The agency then took steps to disown its previous recommendation -- going so far as to say it might be forced to take the matter up with the Foreign Office -- and now insists that no boundary be shown. The reversal of French thinking resulted from the grant to SAFREP in June 1956 of a concession that extended as far north as line "B" and the desire to clear the way for claiming any oil that might be discovered in the area between the two lines.

In order to assure an outlet for western Algerian oil, France has made a deal with Spain, preferring to build a pipeline through Spanish territory rather than Moroccan. The sovereignty of the strip of land separating Algeria from the Atlantic Ocean and lying between the Wadi Draa and 27°40'N -- called Southern Morocco -- is not clear. On the basis of pertinent treaties, the Moroccan claim is believed by the United States Government to be sound, but the area is controlled by Spain.

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[REDACTED] Further complications may develop from the interest of American oil companies in obtaining concessions in the area between 27°40'N and the Wadi Draa.

#### Conclusions

The French Government is determined to keep the oil wealth of Algeria under French control, free from any local nationalistic influence. It is reluctant to firm up any plans for taking substantial quantities of present or potential Saharan oil northward through rebellious areas but instead has concentrated on assuring accessibility of the oil to the Mediterranean Sea through Libya and to the Atlantic Ocean via Spanish Sahara. In the minds of the French, Algerian partition is a question that is limited in area to northern Algeria and does not apply to the Sahara.

Saharan Algeria and its oil cannot be ignored by the rebels or by the rest of the Arab world, and whether they will tolerate any French pipeline in the area remains to be seen.

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\* Société Anonyme Française de Recherches et d'Exploitations Pétrolières.

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3 September 1957

**MEMORANDUM FOR:** Deputy Director/Intelligence  
**THROUGH:** Assistant Director for Research and Reports  
**SUBJECT:** Algerian Partition

1. Attached is the most recent issue of a Geographic Intelligence Memorandum on "Oil and Partition in Algeria". Our continued work on Algeria has been responsive to your original request some time ago on partitioning plans of the French.

2. We feel that the discovery of oil in the Sahara has further complicated the Algerian problem for the French. This GM is the geographic attempt to shed additional light on the problem.

3. I would be interested in having your comments regarding the usefulness of this type of intelligence production. It would help us clarify our thinking and plans for applying geographic capabilities to issues of national intelligence concern.

(signed)

  
Chief, Geographic Research

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**Enclosure:**  
**GM-4, Oil and Partition in Algeria**

**Distribution:**  
O&I - Addressee (w/1 copy of GM)  
2 - AD/RR (w/1 copy of GM)  
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1 - D/GG  
1 - D/GC  
ORR:Ch/G:JAB:Jmc/535(30 Aug 1957)

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MAN HOURS

TITLE: Oil Partition in Algeria

FN: 62,1580

REQUESTER: Self initiated

Report No. GM-4  
Aug 57

Date	Analyst	Editor	Coord.	Typist	Date	Analyst	Editor	Coord.	Typist
1957									
Aug	76	6		14					



CENTRAL INTELLIGENCE AGENCY  
Geography Division, ORR  
Project Initiation Memorandum

To: Chief, Geographic Research

Project No.: 62.1580

From: Chief, Geography Division

Date: 21 August 57

1. Subject of Proposed Project: Oil and Partition in Algeria
2. Statement of Problem: The French problem of getting oil out of the Sahara and, at the same time, pursuing the pacification of the country.
3. Requester: Self-initiated
4. Responsible Analyst: [Redacted] GG/N
5. Kind and Extent of Cooperation Desired from: One map to be prepared by D/GC
6. Estimated Man Hours: 100 in D/GC
7. Probable Completion Date: August 1957
8. Form of Final Publication: CIA/RR-QM-4

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[Redacted] 25X1A  
Chief, Geography Division

Approved:

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[Redacted Signature]

Chief, Geographic Research

23 Aug 1957  
Date

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[Redacted Signature]

Acting Assistant Director, ORR

26 Aug '57  
Date

22 AUG 1957  
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