

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 1999
Order No. R-1703

APPLICATION OF SOCONY MOBIL OIL COMPANY
FOR AN EXCEPTION TO RULE 107 (e) (1) OF
THE COMMISSION RULES AND REGULATIONS FOR
TWO WELLS IN THE DEVONIAN FORMATION, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 22, 1960, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 30th day of June, 1960, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant is the owner and operator of the following-described wells in Lea County, New Mexico:

Federal "A" Well No. 1, 2310 feet from the North line and 2310 feet from the West line of Section 31

Santa Fe "F" Well No. 2, 1980 feet from the South line and 660 feet from the West line of Section 20

both in Township 9 South, Range 36 East.

(3) That the applicant proposes to complete the above-described wells as "slim-hole" completions in the Devonian formation with 2 7/8-inch OD tubing set at approximately 12,000 feet, which type of completion method requires an exception to Rule 107 (e) of the Commission Rules and Regulations.

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(4) That according to the applicant's testimony there are no known pressure or corrosion problems to be anticipated in the subject area which cannot be adequately controlled in a "slim-hole" type completion.

(5) That all potential producing intervals above the completion interval should be adequately protected provided the cement on the Santa Fe "F" Well No. 2 is brought back to approximately 9400 feet and the cement on the Federal "A" Well No. 1 is brought back to approximately 8000 feet, and provided further that casing centralizers are installed throughout the pay section at 30-foot intervals in both wells, and that a casing centralizer is installed at approximately 9500 feet in the Santa Fe "F" Well No. 2 and a casing centralizer is installed at approximately 4000 feet in the Federal "A" Well No. 1.

(6) That all fresh water zones should be adequately protected by the 10 3/4-inch casing on which the cement will be circulated on both wells.

IT IS THEREFORE ORDERED:

That the applicant, Socony Mobil Oil Company, be and the same is hereby authorized to complete the following-described wells as "slim-hole" completions in the Devonian formation with a total depth of approximately 12,000 feet using 2 7/8-inch OD tubing as casing:

Federal "A" Well No. 1, 2310 feet from the North line and 2310 feet from the West line of Section 31, Township 9 South, Range 36 East, West Crossroads-Devonian Pool, Lea County, New Mexico;

Santa Fe "F" Well No. 2, 1980 feet from the South line and 660 feet from the West line of Section 20, Township 9 South, Range 36 East, undesignated Devonian wildcat, Lea County, New Mexico.

PROVIDED HOWEVER, That in each of the above-described wells casing centralizers shall be set at 30-foot intervals throughout the pay-zone. In the said Federal "A" Well No. 1, a casing centralizer shall also be set at approximately 4000 feet and in the said Santa Fe "F" Well No. 2 a casing centralizer shall also be set at approximately 9500 feet.

PROVIDED FURTHER, That the applicant shall use sufficient cement in the said Federal "A" Well No. 1 to cause the cement to come up to 8000 feet, and in the case of the said Santa Fe "F" Well No. 2 the applicant shall use sufficient cement to come up to approximately 9400 feet.

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PROVIDED FURTHER, That the applicant shall take whatever measures are necessary to properly control any pressure or corrosion problems which may be encountered in completing or producing the subject wells.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



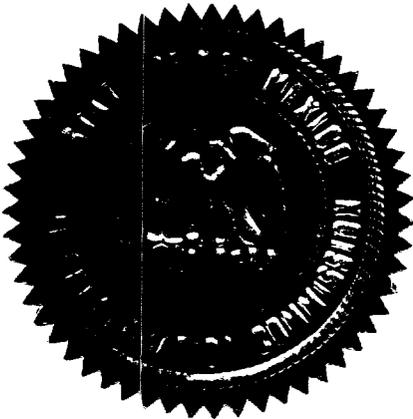
JOHN BURROUGHS, Chairman



MURRAY E. MORGAN, Member



A. L. PORTER, Jr., Member & Secretary



esr/