



SHELL OIL COMPANY

Case 437

THIS LETTER IS FROM OUR
FIELD OFFICE

AT Box 1957
Hobbs, New Mexico

October 10, 1952

Subject: Dual Completion
Livingston 9
Lea County, New Mexico

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Gentlemen:

By means of this application Shell Oil Company wishes to state the following:

a) That Shell Livingston 9, located in the SE/4 of the SW/4 of Section 3, T-21-S, R-37-E, is now being drilled as a Drinkard test. It is anticipated that Livingston 9 will be completed in late November 1952 at an approximate total depth of 6660 feet as a Drinkard producer. The twin well, Shell Livingston 7, a Hare Field producer, located 100 feet east of Livingston 9, proved the Drinkard oil productive by a drill stem test.

b) That the said well will be completed as an oil well producing from the approximate interval 6580-6660 feet in the Drinkard formation after being drilled through the Blinebry gas-productive interval extending from approximately 5560 to 5750 feet. These data are depicted on the appended Exhibit B, a copy of the electrical log of the twin Livingston 7. It is planned to run an electrical survey of Shell Livingston 9 prior to completion and a copy of that log will be filed with the Commission.

c) That the applicant proposes to (1) perforate the 5-1/2 inch casing opposite the Blinebry gas-productive horizons and (2) set a Baker production packer at approximately 6530 feet in the 5-1/2 inch casing.

d) That the applicant proposes to dually complete the said well to produce oil from the Drinkard formation through the tubing and gas from the Blinebry formation through the 5-1/2 inch casing. The manner and method of the proposed dual completion are shown on Exhibit C.

e) That the granting of this application for permission to produce dually oil from the Drinkard formation and gas from the Blinebry formation is in the interests of conservation and the protection of correlative rights.

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f) That the applicant will do such things as may be required of it by the New Mexico Oil Conservation Commission in the maintenance of separation of production from said two horizons.

g) That the manner and method of the proposed dual completion is mechanically feasible and practical. No corrosion problems are anticipated as the hydrogen sulfide content of the Blinebry gas has been tested to be approximately 0.001 per cent and no carbon dioxide has been found in this gas.

Therefore, the Shell Oil Company requests that the Oil Conservation Commission set a certain day upon which this application may be heard and after said hearing to grant permission in order that the applicant may dually complete Livingston 9 so that oil from the Drinkard formation may be produced through the tubing and gas from the Blinebry formation through the casing.

Respectfully submitted,



C. R. Bickel
Division Manager

Attachments