

#2-118

SPECIAL ORDER GRANTING THE OHIO OIL COMPANY
PERMISSION TO DUALY COMPLETE ITS J. L. MUNCY
No. 2 WELL IN THE DRINKARD FIELD, LEA COUNTY,
NEW MEXICO

an agent of the Comm. will be notified

WHEREAS, after due notice, The Oil Conservation Commission of New Mexico held a public hearing on February 17, 1948, to consider the application of The Ohio Oil Company to dually complete its J. L. Muncy No. 2 well in the Drinkard Field, Lea County, New Mexico; and

WHEREAS, pursuant to evidence adduced at said hearing, the Commission is of the opinion and finds that mechanical devices are available which are designed to permit the concurrent production of fluids from two different strata without commingling the fluids from the two separate strata within the bore of the well; and that said application should be granted as herein provided.

THEREFORE, IT IS ORDERED by The Oil Conservation Commission of New Mexico that, effective February 17, 1948, The Ohio Oil Company be and is hereby granted permission to dually complete and produce its J. L. Muncy No. 2 well in the Drinkard Field, Lea County, New Mexico, in such manner that oil and gas is produced through the tubing from the Drinkard zone stratum between 6370' and 6410 feet, and that gas and/or gas and distillate is produced through the annular space between the tubing and casing from the Blinebry zone stratum between 5410 and 5520 feet.

Provided, however, that said well shall be completed and produced in such manner that there is absolutely no commingling within the bore of the well of fluids produced from any two separate strata encountered in said well. In order to prevent any commingling of reservoir fluids within the well bore, this dual completion shall be made in the following manner: The well has already been completed in the Drinkard zone through casing perforations from 6390 to 6410 feet. The upper zone to be produced shall be perforated and a formation test made of this horizon. This test and subsequent tests, if any, shall be witnessed by a ~~representative of an offset operator or~~ an agent of the Commission. In the event intercommunication between zones behind the casing is indicated by the formation test, corrective measures shall be applied and formation tests continued until it is indicated that there is no intercommunication between zones behind the casing. If the test or tests indicate that there is no intercommunication between the zones on the outside of the casing, the operator may proceed with the dual completion as outlined below.

A packer shall be set so as to effectively prevent the migration of reservoir fluids from one zone into another. The well shall be tubed through the packer. Since this dual completion involves only a gas productive zone in the upper horizon, it shall not be necessary for operator to install a circulating port above the packer, though he may do so if he desires, but in case of non-installation above the packer the circulating device shall be incorporated in the packer. The packer shall be properly tested for leakage at the time the well is recompleted and shall be re-tested ~~each May and November~~ thereafter.

every 6 months

The original and all subsequent tests shall be witnessed by ~~two offset operators or one offset operator~~ and a representative of the Commission, and the results of each test properly attested to by operator and all witnesses shall be filed with the Commission within ~~five (5)~~ days after completion of the test. In the event intercommunication between the reservoirs is found or is suspected by any witness as a result of any test, the well shall be immediately closed in, the Commission notified, and immediate action shall be taken by operator to prevent intercommunication, following which a re-test for leakage shall be made forthwith.

The tests for intercommunication between zones herein required shall be made in the following manner:

Both zones shall be simultaneously closed in and kept closed a sufficient length of time to reach stabilization as determined by a dead weight tester. A recording depth pressure gauge shall then be run at the maximum depth possible; the zone open to the annulus shall be produced at a maximum safe rate until stabilized flow conditions are obtained. In the event a significant decrease in pressure is shown by the recording pressure gauge, intercommunication shall be deemed to exist.

The applicant having at the hearing furnished the Commission with an electrical log showing the position and thickness of the sands encountered, together with the designation of each sand and the description of the two sands to be dually produced, no further requirement therefor is made. However, upon the dual completion being finished operator shall furnish the Commission with a drawing or diagrammatic sketch showing the method of completing the well, showing the procedure followed in producing each completion and the equipment employed to effect separation of the productive horizons.

IT IS FURTHER ORDERED that the failure of the operator to comply with any provision or provisions of this order shall immediately terminate this order and all permission granted herein in its entirety.

IT IS FURTHER ORDERED that this cause be held open on the docket for such other and further orders as may be necessary.

THE OIL CONSERVATION COMMISSION OF NEW MEXICO

By _____

ATTEST:

STATE OF NEW MEXICO
OFFICE OF STATE GEOLOGIST
SANTA FE, NEW MEXICO

22 April 1948

Col. J. T. Atwood
Attorney At Law
Roswell, New Mexico

Dear Mr. Atwood:

In accordance with your recent request, please find inclosed copy of the Order No. 740, in Cause 118, in the matter of the Ohio Oil Company dual completions.

I am sure that order was signed, a copy of the order was furnished the Ohio Company direct and we apologise for not having sent you a copy of such order.

Very truly yours,

GEORGE A. GRAHAM
ATTORNEY
OIL CONSERVATION COMMISSION

CAG:bsp

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AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea

I, Robert L. Summers

Of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not in a supplement thereof for a

period of _____

One issue _____ weeks.

beginning with the issue dated _____

February 2, _____, 19 48

and ending with the issue dated _____

_____ 19
Robert L. Summers
Publisher.

Sworn and subscribed to before me

this 7th _____ day of _____

February _____, 19 48

Nellie Jones
Notary Public.

My commission expires _____

January 7, _____, 19 51

(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICES

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION

The State of New Mexico, Oil Conservation Commission, hereby gives notice pursuant to law, of the following public hearing to be held on January 17, 1948, beginning at 10:00 o'clock a. m. on that day in the City of Santa Fe, New Mexico.

STATE OF NEW MEXICO
All names appear in the following cases, and notice to the public:

Case No. 118
In the matter of the application of the Ohio Oil Company for the issuance of a special order permitting production through a single well bore of oil and gas from the Dinakere zone between 6,370 feet and 6,410 feet, and gas and/or gas and distillate from the Dinakere zone between 5,410 feet and 5,500 feet in Ohio Oil Company, J. L. Murray No. 8, located 1900 feet from the south and west lines of section 24, township 22 N., range 37 E., north 34, Lea County, New Mexico.

Given under the seal of the Oil Conservation Commission of New Mexico, at Santa Fe, New Mexico, on January 26, 1947.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
By R. E. Spurr, Secretary