

44-66
BEFORE THE OIL CONSERVATION COMMISSION
OF THE
STATE OF NEW MEXICO

DC-66
Dec Feb 15

SUBJECT: DUAL COMPLETION

APPLICATION OF TIDE WATER ASSOCIATED OIL
COMPANY FOR DUAL COMPLETION OF ITS D. A.
WILLIAMSON NO. 2 WELL, SW/4 NW/4 SECTION 23,
T 21 S, R 37 E, IN THE DRINKARD OIL POOL
AND THE TUBB GAS POOL, LEA COUNTY, NEW MEXICO.

A P P L I C A T I O N

COMES NOW, Tide Water Associated Oil Company, a Delaware Corporation, operating in New Mexico from a field office in Hobbs, and respectfully represents to the Oil Conservation Commission of the State of New Mexico as follows:

1. That Tide Water Associated Oil Company's D. A. Williamson Well No. 2, located in the SW/4 of the NW/4 of Sec. 23, T 21 S, R 37 E, N.M.P.M., Drinkard Pool, Lea County, New Mexico, was completed in March, 1949, as an oil well producing from the Drinkard formation from perforations (6450-6490') and open hole (6520-6615'). Five and one-half inch production casing was set at 6520' and cemented with 400 sacks. The well encountered the Tubb gas zone at the approximate depth of 6060-6240'.
2. Applicant represents that it is practical and economically feasible to dually complete the D. A. Williamson No. 2 well to produce oil from the Drinkard formation through the tubing and gas from the Tubb formation through the annular space between the casing and tubing by proper perforations and installation of proper packer and well head connections, and in such manner that there will be no commingling of fluids between the two reservoirs.
3. Applicant further represents that the granting of this application for permission to produce dually, oil from the Drinkard formation and gas from the Tubb formation is in the interest of conservation and the protection of correlative rights.
4. That attached hereto is a plat showing the location of D. A. Williamson Well No. 2 and surrounding wells and leaseholds, with similarly dually completed wells indicated thereon.
5. That applicant proposes to dually complete said well to produce oil from the Drinkard formation through the tubing, and gas through the tubing-casing annulus in the following manner:
 - a. Perforate five and one-half inch casing opposite that interval from 6120' to 6235'.
 - b. Set a production type packer below the Tubb formation casing perforations to separate the two producing zones.

6. That upon actual dual completion of the subject well applicant will submit to the Commission a diagrammatic sketch of the mechanical installation actually used to complete and produce the seal between the strata, and a special report of the production, gas-oil ratio and reservoir pressure determination of each producing zone or stratum immediately following completion.

7. That copies of this application have been sent to operators of all producing properties adjoining said D. A. Williamson lease of applicant.

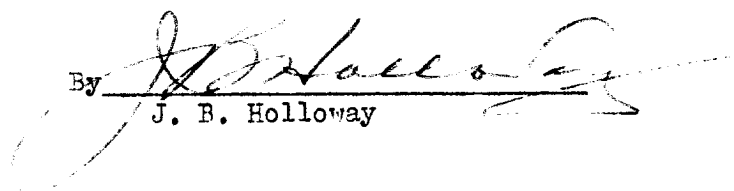
WHEREFORE, applicant requests that under the provisions of Order No. R-316, Rule 112-A, it be permitted to dually complete the subject well in the manner aforesaid.

Done at Houston, Texas, on this the 26th day of January, 1954.

Respectfully submitted,

TIDE WATER ASSOCIATED OIL COMPANY

By


J. B. Holloway

JBH:gm