

CABOT CARBON COMPANY

TELEPHONE MO-4-2581

P.O. BOX 1101 PAMPA, TEXAS



Carbon Black · Oil and Gas · Oil Field Pumping Equipment

10 10 19 11 1 33

hearing?

October 14, 1959

Re: Application for Permission to Commingle at the Stock Tanks the Oil Production from Cabot Carbon Company's Howard Fleet et al, Well No. 1, A Dual String Oil-Oil Completion in the King Devonian Pool and the King Pennsylvanian Pools, Located in Section 35, Township 13S, Range 37E, Lea County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Cabot Carbon Company respectfully requests a hearing to consider our application for permission to commingle at the stock tanks the oil production from our Howard Fleet, et al Well No.1. A hearing has been requested to consider our application for permission to dually complete the Howard Fleet, et al Well No. 1 as an oil-oil well in the King Devonian and the King Pennsylvanian Pools, Lea County, New Mexico. In support of this commingling application, the following information is given:

1. Cabot Carbon Company's Howard Fleet et al, Well No. 1 is located 660 feet from the east line and 1980' from the south line of Section 35, Township 13 South, Range 37 East, Lea County, New Mexico.
2. The oil production will be from the Devonian reservoir with perforations between 12,525' and 12,328' and the Pennsylvanian reservoir with perforations between 10,726' and 10,702'. Each zone will be produced through tubing and the production will remain completely separated in the well bore.
3. The Devonian oil gravity from the Howard Fleet et al, Well No. 1 is 45.5° API corrected. The Pennsylvanian oil gravity is expected to be 43° API. Therefore, the oils should be compatible and result in no loss in revenue from gravity difference.
4. The royalty owners have the same interest in both reservoirs.
5. The oil and gas production from each zone will be measured by meters after passing through separate heater treaters and prior to commingling in the stock tanks. Therefore only treated oils will be measured.

6. Permission to commingle the oil production at the tank battery will permit a large saving in expenditure for surface equipment.
7. The surface installation will permit separate testing of the two reservoirs for special tests such as gas-oil ratios, special production tests, and packer leakage tests.
8. It is the opinion of the applicant that the manner and method proposed for commingling of the oil production is mechanically feasible and practical and is in the interest of conservation.
9. The applicant will comply with all rules and regulations of the New Mexico Conservation Commission regarding production tests and to maintain separation of production from the two producing pay zones until metered.
10. By copy of this letter, all offset operators are notified of the proposed commingling.

Respectfully submitted,

CABOT CARBON COMPANY



Hervey, Dow & Hinkle
P. O. Box 527
Roswell, New Mexico
(Attorneys for Applicant)

DOCKET: EXAMINER HEARING DECEMBER 11, 1959OIL CONSERVATION COMMISSION - 9 a.m., Mabry Hall, State Capitol, Santa Fe, New Mexico.

The following cases will be heard before Daniel S. Nutter, Examiner, or A. L. Porter, Jr., Secretary:

CASE 1804:

(Continued)

Application of Cabot Carbon Company for an oil-oil dual completion and for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Howard Fleet Well No. 1, located 1980 feet from the South line and 660 feet from the East line of Section 35, Township 13 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Pennsylvanian oil pool and the production of oil from the King-Devonian Pool through parallel strings of 1½-inch tubing. Applicant further seeks permission to commingle the Devonian and Pennsylvanian production from said Howard Fleet Well No. 1.

NEW CASESCASE 1824:

Application of The Atlantic Refining Company for an exception to Rule 104 (c) of the Commission Rules and Regulations. Applicant, in the above-styled cause, seeks an exception to Rule 104 (c) so that it may recomplete in the Denton Wolfcamp Pool its Federal Jones Well No. 2, located 330 feet from the South and East lines of Section 34, Township 14 South, Range 37 East, Lea County, New Mexico, said well being located closer than 660 feet to a well producing from the same common source of supply.

CASE 1825:

Application of Continental Oil Company for an amendment of Order R-1440. Applicant, in the above-styled cause, seeks an order amending Order R-1440 to permit the commingling of Tubb and Blinebry production on its Lockhart A-17 lease in Section 17, Township 21 South, Range 37 East, Lea County, New Mexico, without separate measurement.

CASE 1826:

Application of Continental Oil Company for an amendment of Order R-1445. Applicant, in the above-styled cause, seeks an amendment of Order R-1445 to permit the installation of automatic custody transfer equipment to handle the Delaware production from its Wilder, Payne and Bradley leases in Sections 25, 26 and 35, Township 26 South, Range 32 East, and in Sections 30 and 31, Township 26 South, Range 33 East, Lea County, New Mexico, and for permission to produce more than 16 wells in a common tank battery.

CASE 1827:

Application of Gulf Oil Corporation for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Learcy McBuffington Well No. 5, located 1650 feet from the South line and 1980 feet from the East line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Paddock pool and the production of oil from the Justis-Blinebry Pool through parallel strings of tubing.

- CASE 1828: Application of Francis L. Harvey for an exception to Rule 104 of the Commission Rules and Regulations and for certain exceptions to well completion requirements. Applicant, in the above-styled cause, seeks an order establishing 2 $\frac{1}{2}$ -acre spacing for Mesaverde oil wells in Sections 10, 11, 21, 22, 23 and 33 of Township 18 North, Range 3 West, Sandoval County, New Mexico, in exception to Rule 104. Applicant further proposes certain exceptions to well completion requirements.
- CASE 1829: Application of John M. Kelly for an exception to the overproduction shut-in provisions of Order R-520, as amended by Order R-967, for one well in the Jalmat Gas Pool. Applicant, in the above-styled cause, seeks an order allowing its Shahan Well No. 3 in the SW/4 NE/4 of Section 33, Township 25 South, Range 37 East, Jalmat Gas Pool, Lea County, New Mexico, to compensate for its overproduced status without being completely shut-in in order to prevent possible waste.
- CASE 1830: Application of Texaco Inc. for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its United Royalty "A" Well No. 3 located in Unit F, Section 19, Township 24 South, Range 38 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Dollarhide-Queen Pool and the production of oil from the Dollarhide-Drinkard Pool through parallel strings of tubing.
- CASE 1831: Application of Texaco Inc. for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its United Royalty "A" Well No. 4, located in Unit K, Section 19, Township 24 South, Range 38 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Dollarhide-Queen Pool and the production of oil from the Dollarhide-Drinkard Pool through parallel strings of tubing.
- CASE 1832: Application of Jal Oil Company for an exception to the overproduction shut-in provisions of Order R-520, as amended by Order R-967, for one well in the Jalmat Gas Pool. Applicant, in the above-styled cause, seeks an order allowing the following-described well in the Jalmat Gas Pool to compensate for its overproduced status without being completely shut-in in order to prevent possible waste:

Watkins Well No. 2, SE/4 NE/4 of Section 25,
Township 24 South, Range 36 East, Lea County,
New Mexico.