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March 10, 1958

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April Hearing

Case 1365

New Mexico Oil Conservation Commission
Capitol Building
Santa Fe, New Mexico

Re: Case No. 1365
Application of Cabot Carbon Company
Our No. 118-40

Attention: Mr. Pete Porter, Secretary

Gentlemen:

In connection with the above case, which is the subject matter of Order No. R-1126, we enclose herewith in triplicate application for hearing de novo before the commission, pursuant to Rule 1220.

We would thank you to set this matter down for hearing at the Commission's earliest convenience.

Respectfully,

HERVEY, DOW & HINKLE

By

S. B. Christy IV

SBC:tw
Encs.

*April hearing
Cabot
Carbon
309 (amend)*

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION

IN THE MATTER OF THE APPLICATION :
OF CABOT CARBON COMPANY FOR A :
PERMIT TO DULY COMPLETE AS AN :
OIL-OIL WELL CABOT CARBON COMPANY'S :
H. L. LOWE "B" WELL NO. 1, KING- :
DEVONIAN AND KING-WOLFCAMP POOLS :
IN SECTION 26, TOWNSHIP 13 SOUTH, :
RANGE 37 EAST, N.M.P.M., LEA COUNTY, :
NEW MEXICO: :

CASE NO. 1365

APPLICATION FOR HEARING DE NOVO BEFORE THE COMMISSION

COMES NOW Cabot Carbon Company, and hereby makes application for the following:

1. For a permit to duly complete as an oil-oil well Cabot Carbon Company's H. L. Lowe "B" Well No. 1, King-Devonian and King-Wolfcamp Pools, in Section 26, Township 13 South, Range 37 East, N.M.P.M., Lea County, New Mexico.

And in support of the application states:

1. That on January 7, 1958 at Santa Fe, New Mexico before Daniel L. Nutter, Examiner duly appointed by the New Mexico Oil Conservation Commission, the matter involved in this application was examined; and that thereafter on February 12, 1958, upon the recommendations of the Examiner, the Commission denied the application, as more fully set forth in Order No. R-1126. That within 30 days from the date such order was rendered the undersigned adversely affected party, pursuant to Rule 1220 of the New Mexico Rules of Civil Procedure, hereby makes application to have such matter or proceeding heard de novo before the Commission.

2. Cabot Carbon Company's H. L. Lowe "B" Well No. 1 is located 467' from South line and 850' from East line of Section 26, Township 13 South, Range 37 East, Lea County, New Mexico.

3. The subject well has 5-1/2" casing set at 12,320' and cemented with 700 sacks. Top of cement at 8995'. The well was drilled to a total depth of 12,437' and was later plugged back to 12,310'. The casing was perforated from 12,277' to 12,307' and the well was potentialled.

4. The subject well was placed on production from the Devonian reservoir on August 12, 1957. On the initial potential test taken August 9, 1957, the well flowed 312 barrels of 47° API corrected gravity oil in 12 hours on a 1/2" choke.

5. On a drill stem test taken June 26, 1957, in the Lower Wolfcamp formation from 10,115' to 10,191', the tool was open 100 minutes with gas to the surface in seven minutes and oil to the surface in fifty-five minutes. The well flowed 23 barrels of oil in thirty minutes. Reversed out all oil and gas. Recovered below the circulating sub 300' of salty sulphur water. The initial flow pressure was 1010 psi; the final flow pressure was 3160 psi; and the 30-minute shut-in pressure was 3920 psi.

6. The applicant proposes to perforate the 5-1/2" casing opposite the Lower Wolfcamp formation from 10,220' to 10,234', and conduct production tests through straddle packers. If not productive, the interval will be squeezed off.

7. The applicant then proposes to test the Lower Wolfcamp formation from 10,178' to 10,185' by perforating the 5-1/2" casing and conducting production tests through straddle packers.

8. If the Wolfcamp intervals are productive, applicant proposes to set a temporary bridging plug at approximately 10,300' to separate the Devonian and Wolfcamp formations in the well bore. The Wolfcamp interval will be produced until the equipment for dual completion can be obtained.

9. After arrival of dual completion equipment, applicant proposes to set packers at approximately 10,300' and 10,100' and produce each zone through 1-1/2" tubing.

10. There is attached to the original application herein a plat showing the acreage to be dedicated to the well, well location, and offset ownership.

11. There is also attached to the original application a diagrammatic sketch showing the proposed mechanical completion of the well.

12. It is the opinion of the applicant that the manner

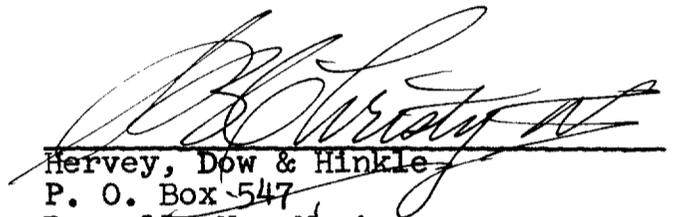
and method proposed for the dual completion of this well is mechanically feasible and practical, and is in the interest of conservation and the protection of correlative rights.

13. The applicant will comply with all rules and regulations of the New Mexico Conservation Commission to maintain separation of production from the two producing pay zones.

14. By copy of this application, all offset operators are notified of the proposed dual completion.

Respectfully submitted,

Cabot Carbon Company


~~Hervey, Dow & Hinkle~~
P. O. Box 547
Roswell, New Mexico
(Attorneys for Applicant)

cc: Gulf Oil Corporation
Atlantic Refining Company
Forest Oil Corporation