

J. M. HERVEY 1874-1953

HIRAM M. DOW
CLARENCE E. HINKLE
W. E. BONDURANT, JR.
GEORGE H. HUNKER, JR.
HOWARD C. BRATTON
S. B. CHRISTY IV
LEWIS C. COX, JR.

PAUL W. EATON, JR.
ROBERT C. BLEDSOE

LAW OFFICES
HERVEY, DOW & HINKLE
HINKLE BUILDING
ROSWELL, NEW MEXICO

TELEPHONE MAIN 2-6510
POST OFFICE BOX 547

November 19, 1959

New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Re: Case No. 1804
Application of Cabot Carbon Company
Our No. 128-6

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

With reference to the application of Cabot Carbon Company for permission to commingle products from two pools in its Howard Fleet No. 1 Well, in Section 35, Township 13 South, Range 37 East, N.M.P.M., which is a portion of your above Case No. 1804, please be advised that it is the desire of Cabot Carbon Company that such portion of the application be dismissed.

This dismissal should not be construed as a dismissal of the applicant's permission for an oil-oil dual completion of said well.

Respectfully yours,

HERVEY, DOW & HINKLE

By



SBC:ke

1 cc: Joe Daniel, Jr.
2 cc: T. L. Stall
1 cc: M. I. Taylor
1 cc: N. B. Winter
1 cc: John C. Dorn
1 cc: J. W. Fletcher

*Docket mailed
11-30-59
JH*

J. M. HERVEY 1874-1953

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TELEPHONE MAIN 2-6510
POST OFFICE BOX 547

November 2, 1959

New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Re: Case No. 1804
Application of Cabot Carbon Company
Our Nos. 128-5 and 128-6

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

The above case has been set for hearing at 9:00 A.M. on November 10, 1959, at Mabry Hall, State Capitol, Santa Fe, New Mexico, before Elvis A. Utz, Examiner or A. L. Porter, Jr., Secretary.

In view of the fact that certain data is still being compiled in connection with the application, it is requested that said case be continued until the next Examiner hearing in December of 1959, which we understand will probably be at 9:00 A.M. on December 3rd or December 10th.

Thanking you for your cooperation, we are

Yours very truly,

HERVEY, DOW & HINKLE

By



SBC:ke

2 cc: Mr. T. L. Stall

1 cc: Mr. Joe M. Daniel, Jr.

J. M. HERVEY 1874-1953
HIRAM M. DOW
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LAW OFFICES
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HINKLE BUILDING
ROSWELL, NEW MEXICO

TELEPHONE MAIN 2-6510
POST OFFICE Box 547

October 15, 1959

New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico

*Case
1804*

Attention: Mr. A. L. Porter, Jr.
Secretary-Director

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
Our No. 128-6

Dear Sir:

We hand you herewith triplicate Application of Cabot
Carbon Company in the above matter, and would appreciate
your setting the case down for Examiner hearing in December
of 1959.

Respectfully yours,

HERVEY, DOW & HINKLE

By

S. B. Christy IV

SBC:ke
Enc.

*Received
10-27-59
S.R.*

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name King Field, Devonian & Pennsylvanian Pays		County Lea	Date October 14, 1959
Operator Cabot Carbon Company		Lease Howard Fleet et al	Well No. 1
Location of Well I	Unit I	Section 35	Township 13 South
		Range 37 East	

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO
2. If answer is yes, identify one such instance: Order No. _____; Operator, Lease, and Well No.:
There are two dual string completions in the field, both completed in Devonian and Wolfcamp reservoirs. Cabot Carbon Company's H. L. Lowe B-1, Order No. R-1126-A & Cabot's J. L. Reed No. 2,

3. The following facts are submitted:

	Upper Zone	Lower Zone
a. Name of reservoir	Pennsylvanian	Devonian
b. Top and Bottom of Pay Section (Perforations)	10,702'-10,726'	10,328'-10,360'; 10,451'-10,466', 10,488'-10,503' & 10,518'-10,525'
c. Type of production (Oil or Gas)	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing	Gas Lift

4. The following are attached. (Please mark YES or NO)
- Yes** a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Yes** b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Yes** c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- Yes** d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.
- Kerr-McGee Oil Industries, Inc. - Production Dept. P. O. Box 1347, Odessa, Texas**
- Gulf Oil Corporation, P. O. Box 669, Roswell, New Mexico**
- The Atlantic Refining Company, P. O. Box 871, Midland, Texas**
- Texas Pacific Coal and Oil Company, P. O. Box 1688, Hobbs, New Mexico**
- Forrest Oil Corporation, P. O. Box 2066, Midland, Texas**

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES NO _____. If answer is yes, give date of such notification _____.

CERTIFICATE: I, the undersigned, state that I am the **Senior Petroleum Engineer** of the **Cabot Carbon** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Joe M. Daniel, Jr.
Signature **Joe M. Daniel, Jr.**

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

J. M. HERVEY 1874-1953

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October 15, 1959

New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico

*Case
1804*

Attention: Mr. A. L. Porter, Jr.
Secretary-Director

Re: Application for Permit to Dually
Complete as an Oil-Oil Well Cabot
Carbon Company's Howard Fleet et al
No. 1 Well, King Devonian and King
Pennsylvanian Pools, Section 35,
Township 13 South, Range 37 East
Lea County, New Mexico
Our No. 128-5

Dear Sir:

We hand you herewith triplicate Application of Cabot
Carbon Company in the above matter, and would appreciate
your setting the case down for Examiner hearing in December
of 1959.

Respectfully yours,

HERVEY, DOW & HINKLE

By

S. B. Christy, IV

SBC:ke
Enc.

CABOT CARBON COMPANY

TELEPHONE NO-4-2581

P.O. BOX 1101 PAMPA, TEXAS



Carbon Black · Oil and Gas · Oil Field Pumping Equipment

October 17, 1959

Re: Application for Permit to Dually Complete as an Oil-Oil Well Cabot Carbon Company's Howard Fleet et al No. 1 Well, King Devonian and King Pennsylvanian Pools, Section 35, Township 13 South, Range 37 East Lea County, New Mexico

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

Gentlemen:

By this letter and the attached Application for Dual Completion, Cabot Carbon Company respectfully requests a hearing to consider this our application for permission to dually complete the Howard Fleet et al Well No. 1 in such a manner that the Devonian and Pennsylvanian reservoirs may be produced through parallel strings of tubing, and in support thereof states the following:

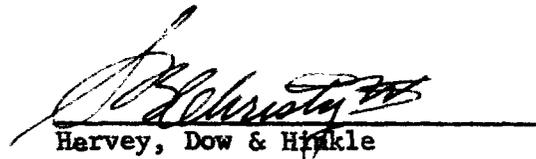
1. Cabot Carbon Company's Howard Fleet et al Well No. 1 is located 660 feet from the east line and 1980 feet from the south line of Section 35, Township 13 South, Range 37 East, Lea County, New Mexico.
2. The subject well has 5-1/2" casing set at 12,826' and cemented with 500 sacks. Top of the cement at 10,115'. The well was drilled to a total depth of 12,839' with a plug back total depth of 12,750'. The Devonian horizon was perforated from 12,451' to 12,466', from 12,488' to 12,503', and from 12,518' to 12,525' and treated with 1,000 gallons of acid. On March 11, 1956, the well was potentialed for 500 barrels of oil in 12 hours on a 24/64" choke.
3. In August, 1958, the well started producing water and on September 4, 1958, the well flowed 225 barrels of oil and 150 barrels of water in 24 hours. A bridging plug was set at 12,440' and the casing was perforated opposite the Devonian from 12,368' to 12,328'. The well would not flow and gas lift valves installed. The well would produce from 50 to 60 barrels of oil and some 10 barrels of water per day. In May, 1959, the bridging plug was removed and all perforations exposed. The well is currently producing 150 barrels of oil and 150 barrels of water per day on gas lift valves.
4. The Pennsylvanian indicated productivity on a drill stem test when it flowed 34 barrels of oil in 30 minutes. We propose to perforate the Pennsylvanian from 10,702' to 10,726' and conduct a production test through straddle packers.

October 17, 1959

5. If the Pennsylvanian interval is productive, we propose to set a temporary bridging plug at approximately 10,750' to separate the Devonian and Pennsylvanian formations in the well bore. The Pennsylvanian interval will be produced until the equipment for dual completion can be obtained.
6. After arrival of dual completion equipment, we propose to set a permanent packer at approximately 10,750' and a packer at approximately 10,675' and produce each zone through 1-1/2" tubing.
7. We are attaching a plat showing the acreage to be dedicated to the well, well location, offset wells and offset ownership.
8. Also attached is a diagrammatic sketch showing the proposed mechanical completion of the well.
9. 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.
10. 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.
11. By copy of this letter and application for dual completion, all offset operators are notified of the proposed dual completion.

Respectfully submitted,

CABOT CARBON COMPANY



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

Encls. Pool Plat
Diagrammatic Sketch
Electric Log

cc: Gulf, Kerr-McGee, Atlantic, Forrest, T & P

JMD:md