



SHELL OIL COMPANY

1961 JUL 26 AM 7:58
P. O. Box 1858
Roswell, New Mexico

July 18, 1961

Subject: Application for Dual Completion
Shell Livingston 5. Section
3, T-21-S, R-37-E, Lea County,
New Mexico

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

Gentlemen:

Enclosed is an application to dual complete our Livingston 5 in the Blinebry oil and Drinkard oil pools. As illustrated on the attached plat the well is located in Unit U, Section 3, T-21-S, R-37-E, Lea County, New Mexico.

Both zones will flow oil through separate strings of tubing, and a permanent packer will isolate the two intervals as shown on the attached diagramatic sketch. This method is similar to that employed in the Gulf Oil Corporation's Eubank No. 2, which is dually completed in the Blinebry oil and Drinkard oil pools; and is located in Section 22, T-21-S, R-37-E, Lea County, New Mexico.

All operators listed in Item 5 of the application have been notified by copies of this letter. Please advise if further information is desired concerning this application.

Yours very truly,

R. L. Rankin
Division Production Manager

Enclosures

cc: New Mexico Oil Conservation Commission (2), P. O. Box 2045, Hobbs, N. Mex.
All Operators listed in Item 5 of enclosed application.

APPLICATION FOR DUAL COMPLETION

| | | | |
|---|------------------|--|---------------------------|
| Id Name Alinebry (Oil) & Drinkard | | County Lea | Date 7-18-61 |
| Operator Shell Oil Company | | Lease 1981 JUL 24 AM 7 25 Livingston | Well No. 5 |
| Location Well | Unit U | Section 3 | Township T-21-S |
| | | Range R-37-E | |

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 ☐

If answer is yes, identify one such instance: Order No. **DC-1049**; Operator, Lease, and Well No.:

Gulf Oil Corporation Rollon Brunson No. 4

| 3. The following facts are submitted: | Upper Zone | Lower Zone |
|--|-----------------------|----------------------|
| a. Name of reservoir | Alinebry (Oil) | Drinkard |
| b. Top and Bottom of Pay Section (Perforations) | 5757' - 5798' | 6648' - 6658' |
| c. Type of production (Oil or Gas) | Oil | Oil |
| d. Method of Production (Flowing or Artificial Lift) | Flowing | Flowing |

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.

Artec Oil & Gas Company, P. O. Box 847, Hobbs, New Mexico

Continental Oil Company, P. O. Box 431, Midland, Texas

Pan American Petroleum Corporation, P. O. Box 1540, Midland, Texas

Texaco Inc., V&J Tower Bldg., 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 **same date as above**

CERTIFICATE: I, the undersigned, state that I am the **Division Manager** of the **Shell Oil Company** (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.

B. L. Rankin
Signature **R. L. Rankin**

* 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.



Blinebry Oil

DrinkKard Oil

Note:

Nominal I.D. of 2 1/16" Tubing is 1.75"

13 3/8" Casing set at 218'
Cemented to Surface

8 5/8" Casing set at 3152'
Cemented to Surface

Brown Oil Tool Liner Hanger
at 2943'

2 1/16" Integral Joint Tubing
hung at 5700'± with Seating
Nipple at 5670'±

Blinebry Oil Zone to be Selectively
Perforated Between 5700' & 5800'

2 1/16" Integral "J" Tubing hung
at 6640'± with Seating Nipple
at 6610'±

Baker Model "D" Retainer Production
Packer set at 6000'± with Tubing
Latching Seal Assembly

DrinkKard Perforations 6648'-6658'

5 1/2" Liner set at 6639'
Cemented to Top of Liner

T.D. - 6690'
D.O.D. - 6688'

SHELL OIL COMPANY
PROPOSED OIL-OIL DUAL COMPLETION
BLINEBRY-DRINKKARD PAYS
LIVINGSTON No.5
1-25-61

ATTACHMENT-A