

TIDEWATER OIL COMPANY

**Box 547
Hobbs, New Mexico**

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

Gentlemen:

Tidewater Oil Company wishes to relate the following facts as set out in Order R-1214, amendment to Rule 112-A, and respectfully requests administrative approval to dual complete its A. B. Coates "D" No. 2 as an oil-pil dual.

- 1. Tidewater Oil Company's A. B. Coates "D" No. 2 is located 660' FSL and 1650' FWL of Section 24, T-25-S, R-37-E, Lea County, New Mexico.**
- 2. This well has 13-3/8" casing set @ 538' and cemented to the surface and 9-5/8" intermediate casing set at 3315' and cemented to the surface. The production casing will be set at approximately 7000' and cemented back to approximately 4500'.**
- 3. It is proposed to complete this well as a Drinkard-Fusselman dual with production obtained through parallel strings of 2-3/8" BUE J-55 tubing with N-80 turned-down collars.**
- 4. The well is currently drilling below 4800' and is expected to encounter the Drinkard at approximately 5900' and the Fusselman at approximately 6900'.**
- 5. Both zones can reasonably be assumed to be productive as the west offset, Amerada's Wimberly No. 4 is presently producing from these pays. The Drinkard zone produces 37.2° API gravity crude with a GOR of 800 ft.³ per bbl. and has a BHP of 2600 psi. The Fusselman zone produces 36.6° API gravity crude with a GOR of 700 ft.³ per bbl. and has a BHP of 2825 psi.**
- 6. The two producing zones will be isolated by means of a Baker Model "D" packer set at approximately 6675'.**

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7. The type packer used in this installation will easily withstand the differential pressures present in this well.
8. The manner and method of dual completing this well is mechanically sound and practical and is in the interest of conservation and the protection of correlative rights.
9. The applicant will comply with all New Mexico Oil Conservation Commission rules and regulations in maintaining separate production from these pay zones.
10. A plat is attached showing location of the well and offset operators.
11. A diagrammatic sketch is attached showing the proposed completion technique.
12. By copy of this application and attachments all offset operators have been notified.

Respectfully submitted,

TIDEWATER OIL COMPANY

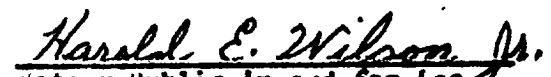

H. P. Shackelford,
Area Superintendent

STATE OF NEW MEXICO

COUNTY OF LEA

On this 8th day of August, 1958, before me personally appeared H. P. Shackelford, to me known to be the person who executed the foregoing letter and states that the foregoing statements are true to the best of his knowledge and belief.

In witness Whereof, I have set my hand and seal on the day and year first above written.


Notary Public in and for Lea
County, State of New Mexico

MAILING

LIST

Gulf Oil Corporation
Box 2167
Hobbs, New Mexico

Amerada Petroleum Corporation
Box 312
Midland, Texas

Atlantic Refining Company
Box 871
Midland, Texas

Western Natural Gas Company
823 Midland Tower
Midland, Texas

Texas Company
Box 1270
Midland, Texas

United States Geological Survey (2)
Box 1838
Hobbs, New Mexico

R 37 E

S
E

Gulf

Byrom

Tidewater

7
D-F

McBuffington

3
E

6
B MK

2

1-A

Buffington

Western Natural Gas

Tidewater

Texas Co.

3
D-F

2
D-F

5
M-E

6 8
E D-MK

2

3

4
D-F

11
D-F

10
E

14
D-M

7
E

5

1

Wimberly

24

Penny

Amerada

3
D-F

12
D-F

13
E

9
E

4

Byrom

1

SCALE
4" = 1 Mile

Tidewater

4
D-F

2

1

15

3

2

Wimberly

"Coates D"

"Coates C"

Buffington

Amerada

2 5

Atlantic

1

2

Skelly

1

Wimberly

"State Y"

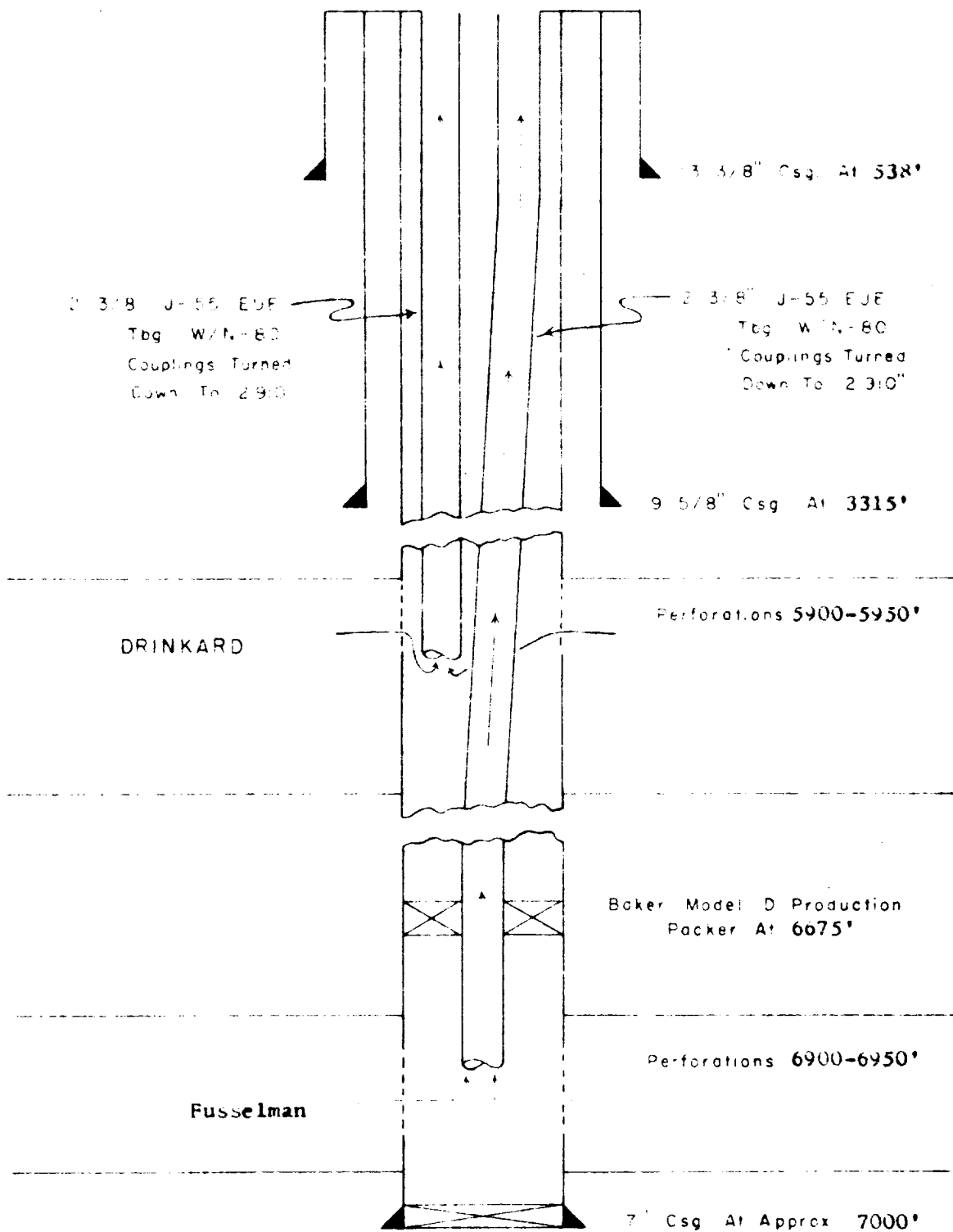
"Hobbs A"

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25
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LEA COUNTY
NEW MEXICO

WIDEWATER OIL COMPANY

DIAGRAMMATIC SKETCH DUAL COMPLETION INSTALLATION PROPOSED WELL A B COATES D NO.2



TIDEWATER OIL COMPANY

Box 547
Hobbs, New Mexico

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

Gentlemen:

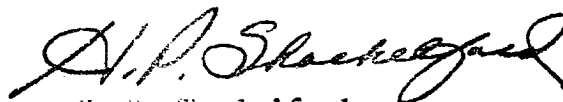
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6. The two producing zones will be isolated by means of a Baker Model "D" packer set at approximately 6675'.

7. The type packer used in this installation will easily withstand the differential pressures present in this well.
8. The manner and method of dual completing this well is mechanically sound and practical and is in the interest of conservation and the protection of correlative rights.
9. The applicant will comply with all New Mexico Oil Conservation Commission rules and regulations in maintaining separate production from these pay zones.
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TIDEWATER OIL COMPANY



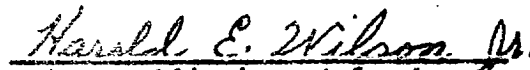
H. P. Shackelford,
Area Superintendent

STATE OF NEW MEXICO

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3

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"Coates D"

"Coates C"

Buffington

Amerada

Atlantic

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2 5

1

2

1

Wimberly

"State Y"

"Hobbs A"

T
25
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LEA COUNTY
NEW MEXICO

TIDEWATER OIL COMPANY

DIAGRAMMATIC SKETCH DUAL COMPLETION INSTALLATION PROPOSED WELL A B COATES D NO 2

