

Cases 556
(and 557, 558, 559)

PHILLIPS PETROLEUM COMPANY

AMARILLO, TEXAS

June 11, 1953

LEGAL DEPARTMENT
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AND GENERAL COUNSEL
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GENERAL ATTORNEY

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STAFF ATTORNEYS

AIR MAIL



Re: Application of Phillips Petroleum Company to Effect Oil-Oil Dual Completions between the Devonian and Wolfcamp Formations in its Fort Well No. 1, Fonzo Well No. 1, and Denton Wells Nos. 12 and 13, Denton Field, Lea County, New Mexico

Mr. W. B. Racey
Chief Engineer, Oil Conservation Commission
P. O. Box 271
Santa Fe, New Mexico

Dear Mr. Racey:

Phillips Petroleum Company desires to oil-oil dually complete between the Devonian and Wolfcamp Formations the following wells:

Case 556

1. Fort Well No. 1, located in the NE/4 NE/4, Section 34-14E-37E, Lea County, New Mexico. This well was completed on September 1, 1951, in Devonian pay at a plugged back total depth of 12,724 feet. 12,789 feet of 5 1/2-inch casing was set and perforated opposite the Devonian formation from 12,564 feet to 12,630 feet; and from 12,660 feet to 12,710 feet.

It is proposed to perforate the Wolfcamp in this well as follows:

- perforate 9645'-9680' test for water. If water squeeze
- and perforate 9580'-9610' test for water. If water squeeze
- and perforate 9500'-9550' test for water. If water squeeze
- and perforate 9360'-9440' combine with previous formations that were water free.

Offset operators to this lease with their addresses are as follows:

Atlantic Refining Company Atlantic Building, Dallas, Texas

Magnolia Petroleum Company	Magnolia Building, Dallas, Texas
Shell Oil Company	Petroleum Building, Midland, Texas
Ralph Lowe & Cabot Carbon Co.	V & J Tower, Midland, Texas

Case 557

2. Fonzo Well No. 1, located in the NW/4 NW/4, Section 35-14S-37E, Lea County, New Mexico. This well was completed on July 17, 1952, in Devonian pay at a plugged back total depth of 12,687 feet. 12,710.83 feet of 5 $\frac{1}{2}$ -inch casing was set and perforated opposite the Devonian formation from 12,580 feet to 12,680 feet; and from 12,456 feet to 12,550 feet.

It is proposed to perforate the Wolfcamp in this well as follows:

Perforate 9550'-9590' test for water. If water squeeze
 and Perforate 9480'-9520' test for water. If water squeeze
 and Perforate 9400'-9440' test for water. If water squeeze
 and Perforate 9260'-9360' combine with previous formations
 that were water free.

Offset operators to this lease with their addresses are as follows:

Atlantic Refining Company	Atlantic Building, Dallas, Texas
Magnolia Petroleum Company	Magnolia Building, Dallas, Texas
Ralph Lowe & Cabot Carbon Co.	V & J Tower, Midland, Texas

Case 558

3. Denton Well No. 12, located in the SW/4 NW/4, Section 11-15S-37E, Lea County, New Mexico. This well was completed on June 24, 1952 in Devonian pay at a plugged back total depth of 12,772 feet. 12,752 feet of 5 $\frac{1}{2}$ -inch casing was set and perforated opposite the Devonian formation from 12,650 feet to 12,700 feet; and 12,600 feet to 12,650 feet.

It is proposed to perforate the Wolfcamp in this well as follows:

Perforate 9540'-9590' test for water. If water squeeze
 and Perforate 9480'-9500' test for water. If water squeeze
 and Perforate 9350'-9460' test for water. If water squeeze
 and Perforate 9230'-9320' combine with previous formations
 that were water free.

Offset operators to this lease with their addresses are as follows:

Atlantic Refining Company	Atlantic Building, Dallas, Texas
Shell Oil Company	Petroleum Building, Midland, Texas
Gulf Oil Corporation	Gulf Building, Pittsburgh 30, Pennsylvania
Ohio Oil Company	Donnell Building, 539 S. Main St. Findlay, Ohio

Case
559

- 4. Denton Well No. 13, located in the NW/4 NW/4, Section 11-15S-37E, Lea County, New Mexico. This well was completed on October 19, 1952, in the Devonian pay at a plugged back total depth of 12,745 feet. 12,736 feet of 5½-inch casing was set and perforated opposite the Devonian formation from 12,700 feet to 12,730 feet; and from 12,580 feet to 12,670 feet.

It is proposed to perforate the Wolfcamp in this well as follows:

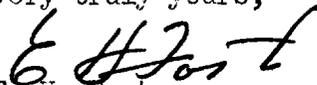
Perforate 9530'-9580' test for water. If water squeeze
 and Perforate 9460'-9500' test for water. If water squeeze
 and Perforate 9290'-9430' test for water. If water squeeze
 and Perforate 9150'-9260' combine with previous formations
 that were water free.

Offset operators to this lease with their addresses are as follows:

Atlantic Refining Company	Atlantic Building, Dallas, Texas
Shell Oil Company	Petroleum Building, Midland, Texas
Gulf Oil Corporation	Gulf Building, Pittsburgh 30, Pennsylvania
Ohio Oil Company	Donnell Building, 539 S. Main St. Findlay, Ohio

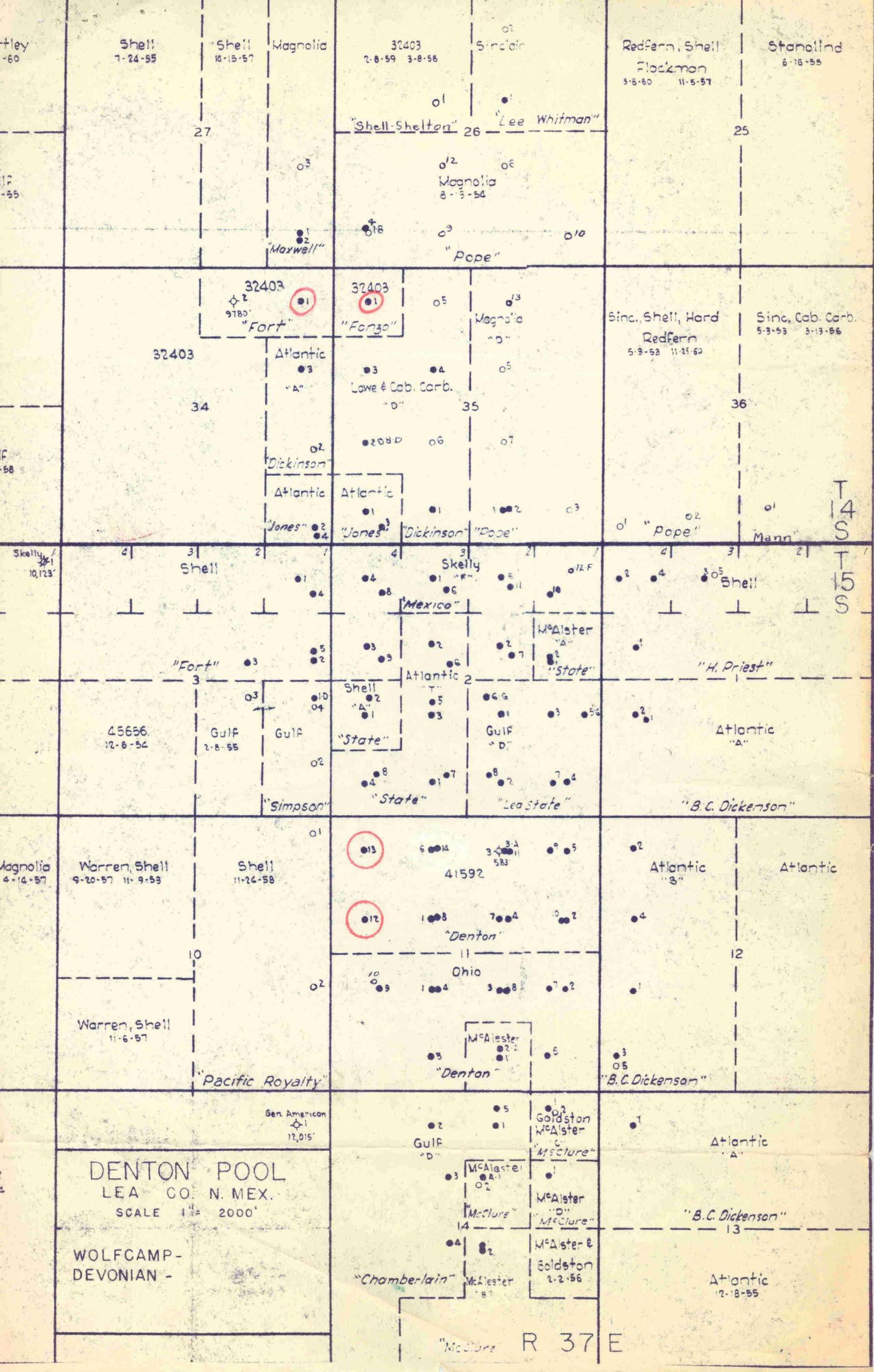
Baker & Otis equipment will be used in these completions, together with some additional equipment subcontracted from Garrett Oil Tools, Inc., for gas lift installations, if necessary. Baker Oil Tools representatives will present cutaway models of the equipment to be used, together with diagrammatic sketches of proposed installations, and will demonstrate and explain this equipment and the installations to the Commission.

I am attaching appropriate plats showing lease and well locations.

Very truly yours,

 E. H. Foster

Encls. Plats 2
Extra Copy This Letter

cc: Messrs: Harry D. Turner
L. E. Fitzjarrald



Shell
7-24-55

Shell
10-15-57

Magnolia

32403
2-8-59 3-8-56

Sinclair

Redfern, Shell
Flockman
3-8-60 11-5-57

Standlind
6-16-55

27

"Shell-Shelton"

26

"Lee Whitman"

25

03

02

06

Magnolia
8-3-54

"Maxwell"

"Pope"

32403
9180
"Fort"

32403
"Fort 30"

32403

Atlantic
"A"

Lowe & Carb. Carb.
"D"

Magnolia
"D"

Sinc. Shell, Hard
Redfern
5-3-53 11-25-62

Sinc. Carb. Carb.
5-3-53 3-13-56

34

"Dickinson"

Atlantic

Atlantic

"Jones"

"Jones"

"Dickinson"

"Pope"

"Pope"

"Mann"

Skelly
10, 123

Shell

Skelly

"Mexico"

McAlister
"A"
"State"

"H. Priest"

"Fort"

Shell
"A"

Atlantic

Gulf
"D"

Atlantic
"A"

45656
12-8-54

Gulf
2-8-55

Gulf

"State"

Gulf
"D"

"B.C. Dickenson"

"Simpson"

"State"

"Lea State"

Magnolia
4-14-57

Warren, Shell
9-20-57 11-9-55

Shell
11-24-58

41592

Atlantic
"B"

Atlantic

10

"Denton"

Ohio

Warren, Shell
11-6-57

"Pacific Royalty"

McAlister
"Denton"

"B.C. Dickenson"

Gen. American
12,015

Gulf
"D"

Goldston
McAlister
"McClure"

Atlantic
"A"

DENTON POOL
LEA CO. N. MEX.
SCALE 1" = 2000'

McAlister
"McClure"

McAlister
"McClure"

"B.C. Dickenson"

WOLFCAMP-
DEVONIAN -

"Chamberlain"

McAlister &
Goldston
2-2-56

Atlantic
12-18-55

"McClure" R 37 E

T
14
S
T
15
S