

100-2391

FORD CHAPMAN

DRILLING CONTRACTOR  
PECOS, TEXAS

P. O. BOX 1512

August 29, 1961

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

Attn: Mr. Dan Nutter

Re: Curtis Hankamer Gulf  
Federal Pipkin #1,  
Lot 12, Sec. 34,  
T26S, R29E, Eddy  
County, New Mexico  
and Lots 8 and 9,  
Sec. 35, T26S, R29E,  
Eddy County, New Mex.

Gentlemen:

We have taken over the Hankamer Gulf-Federal Pipkin #1 located in Section 34, Township 26 South, Range 29 East, Eddy County, New Mexico, as per enclosed plat. This well is located on Lot 12. We have been assigned Lots 8 and 9 in Section 35, as above described, and Lot 12, Section 34. We have drilled and completed a well on Lot 12 as indicated on the enclosed plat.

It is our wish to combine Lots 9 and 12 as a single proration unit. If it is necessary to have a hearing in order to do this, please consider this letter as our application for such a hearing.

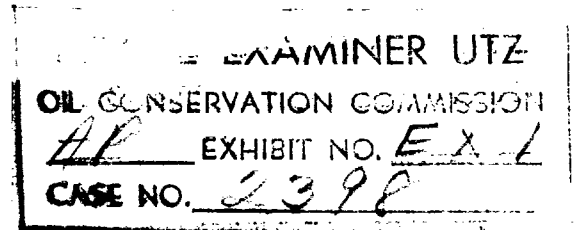
Sincerely,

  
Ford Chapman

FC/wj  
Enc:

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OSBORN & TOMPSON  
500 WEST ILLINOIS  
MIDLAND, TEXAS  
October 2, 1961



Mr. Ford Chapman  
Pecos, Texas

Re: Chapman No. 1 Gulf Federal-Pipkin  
605' from East line and 330' from South line,  
Section 34, T-26-S, R-29-E, Eddy County,  
New Mexico

Dear Mr. Chapman:

I have checked into the area around your Gulf Federal-Pipkin No. 1 and the 20.58 acres in Lot 9 in the southwest corner of Section 35 and have prepared the enclosed structure map of the area contoured on top of the Lamar Lime at 25 foot intervals. Also, I am enclosing a survey plat of Sections 34 and 35.

#### Conclusion

Although the subject well and your No. 1 and No. 2 Johnson wells to the south stopped drilling in pay, it is estimated that these wells would have approximately 14 feet of pay in the upper Delaware Sand.

From the enclosed contoured structural map, it is apparent that your No. 1 Gulf Federal-Pipkin well is located on the crest of a pronounced structural nose. This nosing, beginning at a point slightly west of your well, extends east by northeast through the Todd dry hole located in the SW/4 of the SW/4 of Section 25, T-26-S, R-29-E, Eddy County, New Mexico.

From the pay thickness in the Gulf No. 1 "B-0" well and information furnished by the Gulf No. 1 "D" dry hole in Section 26 and the structural position of your Johnson No. 2, it would appear that the pay zone from which you are producing would extend east into Section 35, T-26-S, R-29-E.

No information was available to indicate the presence of second pay zone in this area.

#### Discussion

##### General

Your No. 1 Gulf Federal-Pipkin was drilled to a total depth of 2905 feet and top of the pay on the radio activity log was indicated at 2902 feet. The deepest reading on this log was at 2903 feet. The log of this well indicated the top of the Lamar Lime to be at 2853 feet (+29) and the top of the Delaware Sand at 2885 feet.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

September 14, 1961

Mr. Ford Chapman  
Drilling Contractor  
Pecos, Texas

Dear Mr. Chapman:

The Commission has received your application for a 42.35-acre non-standard oil proration unit, undesignated Delaware pool, Eddy County, New Mexico, dated August 29, 1961. In view of the fact that the proposed unit can not be approved administratively, it has been set for hearing at the Examiner's hearing, October 4, 1961.

A review of the Commission's files reflects that Commission Form C-110, reflecting a change of ownership of the well to which the proposed unit is to be dedicated, has not been filed. It is requested that such form be filed with the Commission in accordance with Rule 1109 of the Commission Rules and Regulations.

Should the date of hearing be unsatisfactory with you, please advise.

Very truly yours,

JAMES E. WHITFIELD  
Legal Assistant

JEW/esr

# Gulf Oil Corporation

ROSWELL PRODUCTION DISTRICT

W. A. Shellshear  
DISTRICT MANAGER  
F. O. Mortlock  
DISTRICT EXPLORATION  
MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
H. C. Vivian  
DISTRICT SERVICES MANAGER

September 25, 1961

P. O. Drawer 1938  
Roswell, New Mexico

Oil Conservation Commission  
State of New Mexico  
Post Office Box 871  
Santa Fe, New Mexico

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

Re: Case No. 2398, Scheduled  
for Examiner Hearing on  
October 4, 1961

Gentlemen:

This is to advise that Gulf Oil Corporation has no objection to the application of Ford Chapman and Associates for a non-standard oil proration unit of 42.35 acres in an undesignated Delaware Pool in Eddy County, New Mexico, comprising Lot 12, Section 34 and Lot 9, Section 35, all in Township 26 South, Range 29 East.

Yours very truly,



W. A. Shellshear

JHH:dd

cc: Mr. George H. Hunker, Jr.  
Hervey, Dow & Hinkle  
Hinkle Building  
Roswell, New Mexico



Mr. Ford Chapman  
Pecos, Texas

The log of your No. 1-4 Johnson, the south offset to the Federal-Pipkin located in the NW/4 of the NW/4 of Section 4, Block 53, T-1-S, Loving County, indicated the top of pay to be at 2898 feet. The deepest reading on this log was at 2903 feet. The log measured a total depth of 2904 feet and the log indicated this well quit in porosity.

The log of the Gulf Federal-Littlefield No. 1 "B-0", the northwest offset to your Federal-Pipkin, indicated that this well encountered pay from 2908 feet to 2922 feet in the first Delaware Sand and was drilled to total depth of 2975 feet (log measurement). This depth was sufficient to test the second Delaware Sand; however, the Gamma Ray portion of this log did not read below 2953 feet.

The Gulf No. 1 "D" Federal-Keohane, NW/4 of the SW/4 of Section 26, approximately three-fourths of a mile northeast of your Federal-Pipkin was drilled to a total depth of 2989 feet where pipe was run and the well was fractured with 20,000 gallons in both the first and second sand, but only water was produced. The log of this well indicated a thin remnant of your pay zone to be present at 2918 feet. The fact that a thin remnant of your pay could be noted on the log of this well and that the show encountered caused G lf to set pipe and attempt a completion would seem to indicate that the pay could be traced nearly a mile to the northeast and in view of the structure shown on the enclosed contoured map, I would expect this sand to be present under the West half of Section 35 and in view of the estimated thickness of pay, I would expect production from the first sand on the higher structural part of this portion of Section 35.


Geological Structure

The enclosed structural map reflects an average normal rate of dip across this area to be approximately 75 feet per mile to the east-northeast. You will note on areas where production is developed, slight nosing appears to arrest this rate of dip. In the immediate area of your well you will note a flattening to the west with a resumption of normal rate of dip to the east with a prominent nose developed in the vicinity of your well, the axis of which is to be traced to the east and slightly north through the Todd No. 1 dry hole in Section 25.

In general, in the Delaware Basin this flattening of dip accompanied by nosing or terracing in the Delaware Lime is accompanied with the development of clean sand lens within the normally dirty Delaware Sand. It is within the limits of these clean sand lenses that production has been found in the Delaware Basin.

Yours very truly,

OSBORN & TOMPSON



W. M. Osborn

Encls.  
WMO:ic