

June 10, 1965

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Re: Revision of Administrative Order  
No. MC-1589, Zone Change, TEXACO Inc.,  
C. H. Weir "B" Well No. 6, Lea  
County, New Mexico

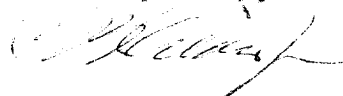
Attention: Mr. A. L. Porter, Jr.

Gentlemen:

TEXACO Inc. respectfully requests revision of Administrative Order No. MC-1589 to authorize the dual tubingless completion of C. H. Weir "B" Well No. 6 in the Skaggs Glorieta Pool and an undesignated Drinkard Gas Pool adjacent to the Skaggs Drinkard Pool. Order No. MC-1589 authorized the dual tubingless completion of said well in the Blinebry and Tubb formations, but after drilling the well logging surveys indicated the Glorieta and Drinkard formations as being more commercial than the Blinebry and Tubb formations. Hence, the well was completed in the two aforesaid pools for which authorization is hereby being requested.

Attached is a diagrammatic sketch, lease plat, and "Application For Multiple Completion", log and zone segregation test. Authorization for tubingless completion in the two pertinent zones was previously granted by Order No. MC-1217 for TEXACO's C. H. Weir "A" Well No. 9.

Yours very truly,



J. G. Blevins, Jr.

Assistant District Superintendent

WPY-jr

cc: NMOCC-dobbs

Offset Operators

Attachments

1. The first part of the paper is devoted to the study of the properties of the function  $f(x)$  defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt, \quad x \in \mathbb{R}.$$

2. The second part of the paper is devoted to the study of the function

defined by the equation  $f(x) = \int_0^x \frac{1}{1+t^2} dt$ . The function  $f(x)$  is defined for all real numbers  $x$  and is continuous. It is also differentiable and its derivative is  $f'(x) = \frac{1}{1+x^2}$ . The function  $f(x)$  is bounded and its range is the interval  $(0, \frac{\pi}{2})$ . The function  $f(x)$  is also concave down for all  $x$  and its graph is a curve that starts at the origin and approaches the horizontal asymptote  $y = \frac{\pi}{2}$  as  $x \rightarrow \infty$ .

3. The third part of the paper is devoted to the study of the function  $f(x) = \int_0^x \frac{1}{1+t^2} dt$ . The function  $f(x)$  is defined for all real numbers  $x$  and is continuous. It is also differentiable and its derivative is  $f'(x) = \frac{1}{1+x^2}$ . The function  $f(x)$  is bounded and its range is the interval  $(0, \frac{\pi}{2})$ . The function  $f(x)$  is also concave down for all  $x$  and its graph is a curve that starts at the origin and approaches the horizontal asymptote  $y = \frac{\pi}{2}$  as  $x \rightarrow \infty$ .

4. The fourth part of the paper is devoted to the study of the function  $f(x) = \int_0^x \frac{1}{1+t^2} dt$ . The function  $f(x)$  is defined for all real numbers  $x$  and is continuous. It is also differentiable and its derivative is  $f'(x) = \frac{1}{1+x^2}$ . The function  $f(x)$  is bounded and its range is the interval  $(0, \frac{\pi}{2})$ . The function  $f(x)$  is also concave down for all  $x$  and its graph is a curve that starts at the origin and approaches the horizontal asymptote  $y = \frac{\pi}{2}$  as  $x \rightarrow \infty$ .

5. The fifth part of the paper is devoted to the study of the function  $f(x) = \int_0^x \frac{1}{1+t^2} dt$ . The function  $f(x)$  is defined for all real numbers  $x$  and is continuous. It is also differentiable and its derivative is  $f'(x) = \frac{1}{1+x^2}$ . The function  $f(x)$  is bounded and its range is the interval  $(0, \frac{\pi}{2})$ . The function  $f(x)$  is also concave down for all  $x$  and its graph is a curve that starts at the origin and approaches the horizontal asymptote  $y = \frac{\pi}{2}$  as  $x \rightarrow \infty$ .

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
APPLICATION FOR MULTIPLE COMPLETION

Form C-107  
5-1-61

Operator <b>TEXACO Inc.</b>		County <b>Lea</b>		Date <b>June 10, 1965</b>
Address <b>Box 728, Hobbs, New Mexico</b>		Lease <b>C. H. Weir "B"</b>		Well No. <b>6</b>
Location of Well <b>P</b>	Unit <b>11</b>	Section <b>20 South</b>	Township <b>37 East</b>	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple 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. **MC-1217**; Operator Lease, and Well No.: **TEXACO Inc. C. H. Weir "A" Well No. 9**

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>Skaggs Glorieta</b>		<b>Undesig. Drinkard</b>
b. Top and Bottom of Pay Section (Perforations)	<b>5265'-5275'</b>		<b>6771'-6871'</b>
c. Type of production (Oil or Gas)	<b>Oil</b>		<b>Gas</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Pump</b>		<b>Flow</b>

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and 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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.

**Continental Oil Company, Box 427, Hobbs, New Mexico**

**Cities Service Oil Company, Box 69, Hobbs, New Mexico**

**Humble Oil and Refining Company, Box 2100, Hobbs, New Mexico**

**Gulf Oil Corporation, Box 1938, Roswell, New Mexico**

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 **June 10, 1965 (by registered mail)**

CERTIFICATE: I, the undersigned, state that I am the **Assist. Dist. Supt.** of **TEXACO Inc.** (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.

**J. G. Blevins, Jr.**

Signature

\*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 multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

# DIAGRAM OF SHUTCH 2 OIL AND GAS COMPLETION INSTALLATION (TUBINGLESS)

1. The well was drilled with 4 1/2 inch  
 2. The well was drilled with 4 1/2 inch  
 3. The well was drilled with 4 1/2 inch  
 4. The well was drilled with 4 1/2 inch  
 5. The well was drilled with 4 1/2 inch  
 6. The well was drilled with 4 1/2 inch

Shutcha (Oil)

Drinkard (Gas)

4-5/8" Casing set at 1411'  
 Cement circulated

4-5/8" Casing set at 3898'

4-5/8" Casing set at 6900'

Casing at 1411' Depth  
 Name: Shutcha

Completion Unit  
 Zone: Oil

Bottom at 5275' Depth

Perforated:

5265' - 5275'

Casing at 3898' Depth

Name: Drinkard

Completion Unit  
 Zone: Gas

Bottom at 6971' Depth

Perforated:

6971, 6982, 6987, 6987,  
 6991, 6993, 6996, 6997,  
 6999, 6999.

Total Depth at 6900'

SHUTCHA No.

NO. 12: C. H. Smith Co. Well No. 3  
 FIELD: Shaggy, Shaggy and Undersaturated Drinkard Gas  
 DATE: June 10, 1935

Revised Sketch Sheet 1-11-35