

TEXACO
INC.
PETROLEUM PRODUCTS



DRAWER 728

HOBBS, NEW MEXICO 88240

January 29, 1969

Case 4050

REQUEST FOR HEARING
Exception to Order No. R-3221
Cotton Draw Brushy Canyon Pool
Eddy County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

It is respectfully requested that a hearing be scheduled before the Oil Conservation Commission to consider the application of TEXACO Inc. for an exception to Order No. R-3221, as amended. It is proposed that TEXACO Inc. be allowed to continue to dispose of produced salt water in an unlined pit located in Unit O, Section 24, Township 24 South, Range 31 East, Eddy County, New Mexico. This pit serves TEXACO's T. W. Heflin Federal Well No. 1, Cotton Draw Brushy Canyon Pool, which is also located in the above stated location.

Pauley Petroleum, Inc., 514 Bank of the Southwest Building, Midland, Texas 79701, and the United States Geological Survey, Drawer 1857, Roswell, New Mexico 88201, are being notified of the application by copy of this letter.

Yours very truly,

C. L. Whigham, Jr.
Division Proration Engineer

By: *E. D. McCarter*
E. D. McCarter

EDMc-cmc

WDH

CC: Pauley Petroleum, Inc.
U.S.G.S. - Roswell, N. M.

DOCKET NUMBER

Date 2-10-69

HALLIBURTON DIVISION LABORATORY
HALLIBURTON COMPANY
MIDLAND DIVISION

LABORATORY WATER ANALYSIS

No. W1-043-69

To Texaco, Inc.Date January 30, 1969Box 728Hobbs, New Mexico 88240Attention: E. D. McCarter

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by _____ Date Rec. 1-24-69

Well No. _____ Depth _____ Formation _____

County _____ Field _____ Source _____

	N.M. "CR" St.	T. Heflin Fed.	Windmill
Resistivity	.066 @ 77 F	.048 @ 77 F	1.42 @ 77 F
Specific Gravity	1.087	1.193	1.002
pH	5.7	6;2	7.8
Calcium (Ca)	10,200	30,000	880 *MPL
Magnesium (Mg)	2,280	3,600	210
Chlorides (Cl)	80,500	177,500	1,400
Sulfates (SO ₄)	110	35	940
Bicarbonates (HCO ₃)	70	105	145
Soluble Iron (Fe)	30	35	Nil
Sample from	Separator	Treater	3 mi. SW of T. Heflin

cc: Texaco Inc.
Attn: A. Wilkinson
Hobbs, New Mexico Box 458

Remarks:

*Milligrams per liter

Respectfully submitted,

Frank Whitfield

Analyst: _____
cc: _____

HALLIBURTON COMPANY

By

Frank Whitfield
DIVISION CHEMIST

NOTICE

This report is limited to the described sample tested. Any user of this report agrees that Halliburton shall not be liable for any loss or damage, whether it be to act or omission, resulting from such report or its use.

HALLIBURTON DIVISION LABORATORY
HALLIBURTON COMPANY
MIDLAND DIVISION

LABORATORY WATER ANALYSIS

No. W1-043-69

To Texaco, Inc.

Date January 30, 1969

Box 728

Hobbs, New Mexico 88240

Attention E. D. McCarter

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management. It may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by _____ Date Rec. 1-24-69

Well No. _____ Depth _____ Formation _____

County _____ Field _____ Source _____

	James Bros. Ranch	James Ranch	Water Well
Resistivity	14.0 @ 78 F	14.0 @ 78 F	2.64 @ 78 F
Specific Gravity	.998	.998	1.000
pH	8.2	7.9	7.6
Calcium (Ca)	45	60	590 *MPL
Magnesium (Mg)	30	25	125
Chlorides (Cl)	75	75	250
Sulfates (SO ₄)	20	15	490
Bicarbonates (HCO ₃)	110	95	120
Soluble Iron (Fe)	N11	N11	N11
Sample from	N.E. of T. Heflin N. Windmill (2)	N. E. of T. Heflin S. Windmill (3)	Cotton Draw (5)

cc: Texaco Inc.
Attn: A. Wilkinson
Hobbs, New Mexico

Remarks:

*Milligrams per liter

Respectfully submitted,

Analyst: Frank Whitfield

cc:

HALLIBURTON COMPANY

By

Frank Whitfield
DIVISION CHEMIST

NOTICE

This report is limited to the described sample tested. Any user of this report agrees that Halliburton shall not be liable for any loss or damage, whether it be to act or omission, resulting from such report or its use.

TO TEXAS, INC

COUNTY _____

HOBBS, N. M.

Milohem, Inc.
Chemical, Div.

WATERFLOOD _____

Source and Date of Sample

- 1. T. Heflin 6 S.E. Windmill
- 2.
- 3.
- 4.
- 5.

COMPONENT PPM	④ SAMPLE NO.				
	1	2	3	4	5
Hardness, Calcium	1,350				
Total					
Sulfate	20				
Chlorides	14,000				
Iron	2.4				
Silica					
PH	8.0				
Oxygen, Dissolved					
Hydrogen Sulfide					
Bacteria/ml.					
Aerobic					
Sulfate Reducing					

Specific Gravity 1.000
Magnesium 30

6
CA 4050

OIL, GAS, AND WATER PRODUCTION
COTTON DRAW AREA

<u>Pools</u>	<u>No of Wells</u>	<u>BOPD</u>	<u>BWPD</u>	<u>Chlorides</u>	<u>Date Pool Discovered or Created</u>
Cotton Draw Brushy Canyon	1	1	2	177,500	1959
Double X Delaware	19	115	110	123,000	1961
Paduca Delaware	69	800	300	187,000	1960
Paduca Delaware, East	1	18	13	150,000	1967
Paduca Delaware, North	2	13	17	257,000	1968
Paduca Morrow (Gas)	1	18,000 MCF	2	122	1967
Paduca Wolfcamp (Gas)	1	700 MCF	3	49,725	1967
Paduca Devonian (Gas)	1	300 MCF	0	159,100	1966

Ex 7
Q 4050



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

P. O. BOX 2088 - SANTA FE

87501

GOVERNOR
DAVID F. CARGO
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

March 3, 1969

Mr. Charles White
White, Gilbert, Koch & Kelly
Attorneys at Law
Post Office Box 787
Santa Fe, New Mexico

Re: Case No. 4050
Order No. R-3687
Applicant:
Texaco Inc.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x

Artesia OCC x

Aztec OCC

Other State Engineer Office