

Permit #: 20007

County: Andrew

CONFIDENTIAL UNTIL: \_\_\_\_\_

Date Issued: 11-24-73

Date Cancelled: \_\_\_\_\_

Date Plugged: 12-1-73

COMMENTS:

O/C FORMS	Date Received
1	
2	
3	11-24-73
3i	
4	11-28-73
4i	
5	1-21-74
6	12-4-73
7	1-2-74
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs	driller's log		1-21-74
Samples	chip core		
	water		
Analyses	core		

Additional Submitted Data:

samples ✓

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL  DEEPEN  PLUG BACK

NAME OF COMPANY OR OPERATOR TEXACO, INC DATE 11-24-73  
BOX 2420 TULSA OKLA 74102  
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease C. L. COWGER Well number 1 Elevation (ground) 995

WELL LOCATION (give footage from section lines)  
700 ft. from (S) sec. line 600 ft. from (W) sec. line

WELL LOCATION Section 27 Township 60N Range 34W County ANDREWS

Nearest distance from proposed location to property or lease line: 600 feet  
Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: NO OTHER WELLS feet

Proposed depth: 1500 Rotary or Cable tools ROTARY Approx. date work will start 11-26-73

Number of acres in lease: 499  
Number of wells on lease, including this well, completed in or drilling to this reservoir: 0  
Number of abandoned wells on lease: 0

If lease, purchased with one or more wells drilled, from whom purchased: Name NONE No. of Wells: producing \_\_\_\_\_ inactive \_\_\_\_\_ abandoned \_\_\_\_\_  
Address \_\_\_\_\_

Status of Bond  
Single Well  Amt. \_\_\_\_\_ Blanket Bond  Amt. \$30,000  ON FILE  ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.

Proposed casing program: amt. size wt./ft. cem. 129 8 3/8 20 CIRC  
1500 4 1/2 9.5 100

Approved casing - To be filled in by State Geologist  
amt. size wt./ft. cem.

I, the undersigned, state that I am the FIELD FOREMAN of the 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.  
Signature R E Morton

Permit Number: 20007  
Approval Date: 26 Nov 1973  
Approved By: W.B. Howard by W.B.H.

SAMPLES REQUIRED  
 SAMPLES NOT REQUIRED

Note: This Permit not transferable to any other person or to any other location.  
Remit two copies to: Missouri Oil and Gas Council  
P.O. Box 250 Rolla, Mo. 65401  
One will be returned.

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WATER SAMPLES REQUIRED @:  
ANY DST'S.

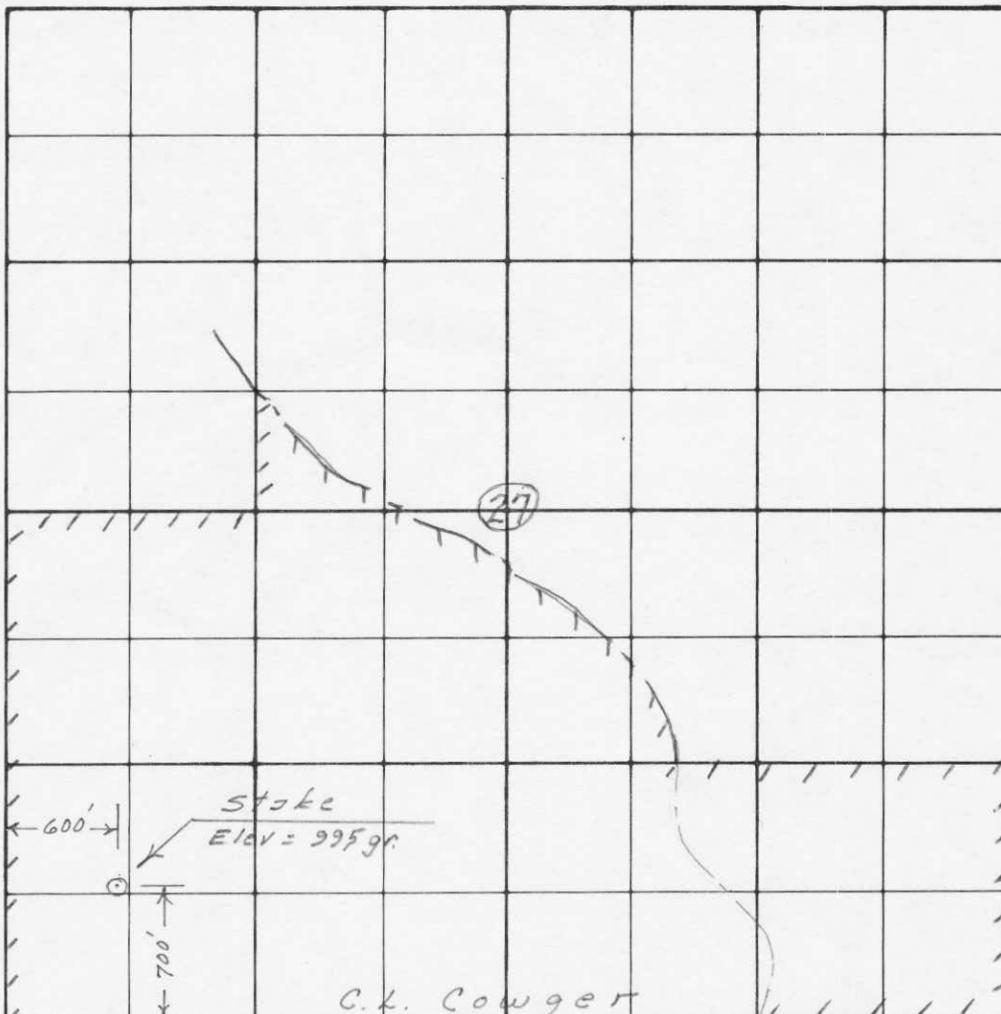
WELL LOCATION PLAT

Owner: TEXACO, Inc.

Lease Name: C.L. Cowger County, Andrews

700 feet from 1/4 (S) line and 600 feet from 1/2 (W) line of Sec. 27 Twp. 60<sup>N</sup> Range 34<sup>W</sup>

SCALE  
1" = 1000'



REMARKS:

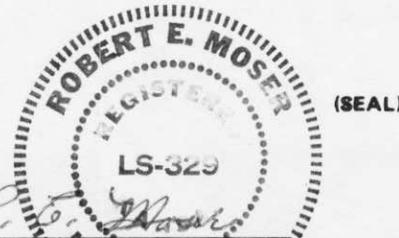
*Hatching denotes lease lines*  
*Location moved approximately 100' NW from SW SW out of*  
*steeply sloping drainage to a farm pond.*  
*Steel rod-wood stake & flagging on flat ridge in pastureland, with cattle,*

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

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 P.O. Box 250 Rolla, Mo. 65401

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Registered Land Surveyor  
 Haughton - Missouri Co  
 11-24-73

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well  Work-Over  Deepen  Plug-back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

Owner: **TEXACO INC.** Address: **P. O. Box 2420, Tulsa, Ok. 74102**

Lease Name: **#1 Cowger** Well Number: **1**

Location: **SW-SW 700' FSL & 600' FWL** Sec. -- TWP-Range or Block & Survey: **Sec. 27-60N-34W**

County: **Andrew** Permit number (OGC3 number): **20007**

Date spudded: **11-27-73** Date total depth reached: **11-30-73** Date completed, ready to produce: **Dry** Elevation (DF, RKB, RT or Gr.) feet: **GL 995'** Elevation of casing hd. flange feet:

Total depth: **1460'** P. B. T. D.:

Producing interval (s) for this completion: Rotary tools used (interval) From **0** to **1460'** Cable tools used (interval) From to

Was this well directionally drilled? **No** Was directional survey made? **wtr.** Date filed

Type of electrical or other logs run (list logs filed with the State Geologist): **DIL, FDC, HDT** Date filed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt pulled
surf	12 1/4" 6-3/4"	8-5/8"	20#	129'	150	none

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
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PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
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INITIAL PRODUCTION

Date of first production: **Dry** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity API (Corr.)

Disposition of gas (state whether vented, used for fuel or sold):

Method of disposal of mud pit contents:

CERTIFICATE: I, the undersigned, state that I am the **Oper. Supt.** of the **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.

*R. W. Love*

Signature **R. W. LOVE**

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DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Kansas City	480	550	Limestone
Marmaton	550	780	Limestone & shale
Cherokee	780	1450	Sandstone & shale
Mississippi	1450	TD	Limestone
			Note: No tests or cores

\*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries

INSTRUCTIONS:

Attach drillers log or other acceptable log of well if available.

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.

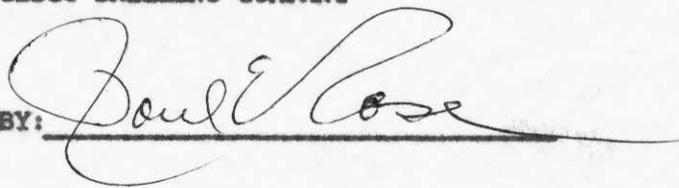
DRILLER'S LOG  
Carl Cowger #1  
SW SW Section 27, T60N, R34W  
Andrew County, Missouri

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0 - 53	Lime
53 - 130	Lime
130 - 421	Shale
421 - 700	Shale
700 - 979	Shale
979 - 1309	Shale
1309 - 1446	Lime
1446 - 1460	Shale & Lime
1460	TD

This above is a true copy taken  
from the Daily Drilling Reports.

CEDCO DRILLING COMPANY

BY: 

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OIL & GAS COUNCIL

NOTICE OF INTENTION TO ABANDON WELL

Name of Lease C.L. COWGER Date 11-29-73

Well No. 1 is located 700 feet from (S) line and 600

feet from (W) line of Section 27 Township 60N Range 34W

ANDREWS County The elevation of the ground at well site is 995

\_\_\_\_\_ feet above sea level.

Name and address of Contractor or Company which will do work is:

CEDCO DRILL

TEXACO INC

DETAILS OF WORK

(Indicate size, kind, and depth of plugs, where casing will be pulled, other pertinent details)

Spot 50 sx cmt. Plug w/D.P 180' back to 20'

2 sx Plug @ Top of Surface Pipe

Weld cap on Surface Pipe 3' Below G.L.

Above as per conversation JACK WELLS - N.E. MORTON  
11-29-73

CERTIFICATE: I, the undersigned, state that I am the FIELD FOREMAN of the 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.

N E Morton  
Signature

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**MISSOURI OIL AND GAS COUNCIL  
PLUGGING RECORD**

Form OGC-7

Owner <b>Texaco Inc.</b>	Address <b>P. O. Box 2420, Tulsa, Okla.</b>
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Name of Lease <b>Carl Cowger</b>	Well No. <b>1</b>
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Location of Well <b>700' FSL &amp; 600' FWL</b>	Sec-Twp-Rge or Block & Survey <b>Sec. 27-60N-34W</b>	County <b>Andrew</b>
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Application to drill this well was filed in name of <b>Texaco Inc.</b>	Has this well ever produced oil or gas <b>No</b>	Character of well at completion (initial production) Oil (bbls/day) _____ Gas (MCF/day) _____	Dry? <b>P &amp; A</b>
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Date Abandoned: <b>Dec. 1, 1973</b>	Total depth <b>1460'</b>	Amount well producing prior to abandonment. Oil (bbls/day) _____ Gas (MCF/day) _____	Water (bbls./day) _____
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Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of abandonment	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes
<b>8-5/8"</b>	<b>128'</b>	<b>None</b>			

Was well filled with mud-laden fluid? **TD 1460' to 180 w/mud** Indicate deepest formation containing fresh water.  
**180-20' w/50 sx cmt plug, 2 sx plug @ top of surf pipe @ 3' below G.L.**

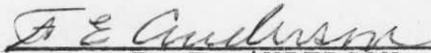
**NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE**

Name	Address	Direction from this well:
<b>Texaco Inc.</b>	<b>P.O. Box 2420</b>	

Method of disposal of mud pit contents:

Use reverse side for additional detail  
File this form in duplicate with

CERTIFICATE: I, the undersigned, state that I am the Oper. Supt. of the 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.

  
 Signature **F. E. ANDERSON**

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**MO. OIL & GAS COUNCIL**