

Permit #: 20009
 County: Andrew
 CONFIDENTIAL UNTIL: _____

Date Issued: 12-28-23
 Date Cancelled: _____
 Date Plugged: 1-11-24

Tom Miss

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	12-28-23
3i	
4	11-29-23
4i	
5	1-21-24
6	1-14-24
7	1-18-24
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs	soil logs		1-21-24
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 11-29-73
Box 2420 TULSA OKLA 74102
 Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>GRACE O. THORNTON</u>	Well number <u>1</u>	Elevation (ground) <u>1010</u>	
WELL LOCATION (give footage from section lines) <u>2070</u> ft. from (N) <input type="checkbox"/> sec. line <u>2040</u> ft. from (E) <input type="checkbox"/> sec. line			
WELL LOCATION Section <u>24</u> Township <u>59N</u> Range <u>34W</u>		County <u>ANDREW</u>	
Nearest distance from proposed location to property or lease line: <u>570</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>NO OTHER WELLS</u> feet	
Proposed depth: <u>1500</u>	Rotary or Cable tools <u>ROTARY</u>	Approx. date work will start <u>11-30-73</u>	
Number of acres in lease: <u>328</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>0</u>		Number of abandoned wells on lease: <u>0</u>
If lease, purchased with one or more wells drilled, from whom purchased: Name <u>NONE</u> Address _____		No. of Wells: producing _____ inactive _____ abandoned _____	
Status of Bond Single Well <input type="checkbox"/> Amt. _____ Blanket Bond <input checked="" type="checkbox"/> Amt. <u>\$ 30,000</u> <input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> 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:		Approved casing - To be filled in by State Geologist	
amt. <u>@ 128</u>	size <u>8 5/8</u>	wt./ft. <u>20</u>	cem. <u>CIRC</u>
<u>1500</u>	<u>4 1/2</u>	<u>9.5</u>	<u>100</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>FIELD FOREMAN</u> of the <u>TEXACO, INC</u> (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 <u>W E Mortm</u>			

Permit Number: 20009
 Approval Date: 28 Dec 1973
 Approved By: W B. Howe

SAMPLES REQUIRED
 SAMPLES NOT REQUIRED

Note: This Permit not transferable to any other person or to any other location. by KH

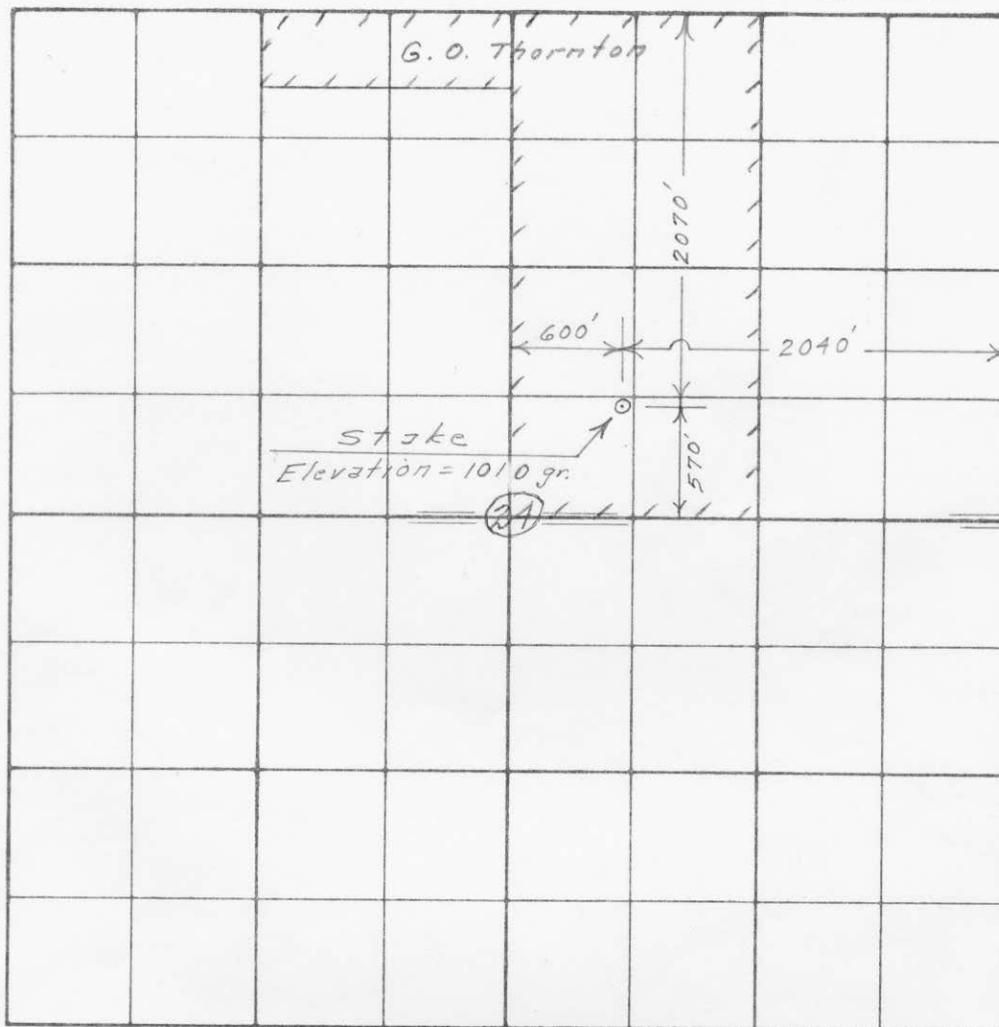
WATER SAMPLES REQUIRED @:
ANY DST'S

Remit two copies to: Missouri Oil and Gas Council
 P.O. Box 250 Rolla, Mo. 65401
 One will be returned.

Owner: TEXACO Inc.

Lease Name: Grace O. Thornton County, Andrews Mo.

2070 feet from (N) 1/4 line and 2040 feet from (E) 1/4 line of Sec. 24 Twp. 59^N Range 34^W



SCALE
1" = 1000'

REMARKS:

Hatching denotes lease lines

5' wooden stake & flagging

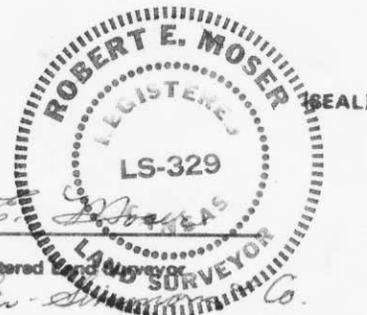
Moderately sloping pasture - South of E-W fence & west of

steeply sloping drainage & farm pond.

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.

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned.



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 Thornton** Well Number: **1**

Location: **2070' FNL & 2040 FEL Sec. 24-59N-34W** Sec. -- TWP-Range or Block & Survey

County: **Andrew** Permit number (OGC3 number): **20009**

Date spudded: **1-6-74** Date total depth reached: **1-10-74** Date completed, ready to produce: **Dry** Elevation (DF, RKB, RT or Gr.) feet: **GL 1010** Elevation of casing hd. flange feet: **1010**

Total depth: **1300'** P. B. T. D.

Producing interval (s) for this completion: Rotary tools used (interval) From **0** to **1300'** Cable tools used (interval) From to

Was this well directionally drilled? **No** Was directional survey made? Was copy of directional survey filed? Date filed

Type of electrical or other logs run (list logs filed with the State Geologist): **DIL, FDC** 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"	8-5/8"	28#	169'	165	none
	6-3/4"					

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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JAN 21 1974
OIL & GAS COUNCIL

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Kansas City	430	515	Limestone
Marmaton	515	735	Limestone & shale
Cherokee	735	1290	Sandstone & shale
Mississippi	1290	TD	Limestone

*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

Thornton #1,

Andrew County, Missouri

0 - 170	?
170 - 215	Shale
215 - 360	Shale & Lime
360 - 460	Lime
460 - 465	Shale
465 - 510	Lime
510 - 790	Shale
823 - 1068	Shale
1068 - 1295	Shale & Lime
1295 - 1300	Lime - TD

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JAN 21 1974

OIL & GAS COUNCIL

MISSOURI OIL AND GAS COUNCIL

Form OGC-6

NOTICE OF INTENTION TO ABANDON WELL

Name of Lease G. O. THORNTON Date 1-9-74
 Well No. 1 is located 2070 feet from (N) line and 2090
 feet from (E) line of Section 24 Township 59 N Range 34 W
ANDREW County The elevation of the ground at well site is 1010
 _____ feet above sea level.

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

CEDCO

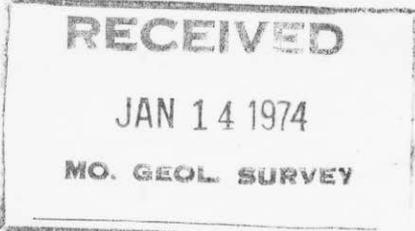
TEXACO, INC.

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. 220' Back to 50'
 2 SX Plug @ Top of Surface Pipe
 2 SX Plug In Rat Hole
 Weld Cap on Surface Pipe 3' Below G.L.
 As per Conversation JACK WELLS - N.E. MORTON
 1-9-74

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

Remit two copies to: Missouri Oil and Gas Council
 P.O. Box 250 Rolla, Mo. 65401
 One will be returned.

CC: FEA.

**MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD**

Form OGC-7

Owner Texaco Inc.	Address P. O. Box 2420, Tulsa, Ok. 74102
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Name of Lease Grace O. Thornton	Well No. 1
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Location of Well 2070' FNL & 2040 FEL	Sec-Twp-Rge or Block & Survey Sec. 24, 59N-34W	County Andrew
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Application to drill this well was filed in name of Texaco Inc.	Has this well ever produced oil or gas NO	Character of well at completion (initial production) Oil (bbls/day) _____ Gas (MCF/day) _____	Dry? P & A
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Date Abandoned: 1/11/74	Total depth 1300'	Amount well producing prior to abandonment. Oil (bbls/day) _____ Gas (MCF/day) _____ Dry	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
8-5/8"	159'	none			

Was well filled with mud-laden fluid? **PB 1300-220' w/drlg mud. 220-50'w/50 sx cmt, 50-10'w/laden mud.** Indicate deepest formation containing fresh water. **Fill surf pipe w/cmt to 3' below GL.**

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

Name	Address	Direction from this well:
Texaco Inc.	P.O. Box 2420	All directions

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.

R. Love

Signature R. W. LOVE

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JAN 18 1974