

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5171  
Name TXO Production Corp.  
Address 155 N. Market, Suite 1000  
City/State/Zip Wichita, Kansas 67202

Purchaser EMI

Operator Contact Person Jerry Collins  
Phone 316-269-7600

Contractor: License #  
Name H-30

Wellsite Geologist Earl Moore  
Phone

Designate Type of Completion  
New Well Re-Entry  Workover

Oil SWD Temp Abd  
 Gas  Inj  Delayed Comp.  
Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
7/21/80 7/30/80 1/19/88  
Spud Date Date Reached TD Completion Date  
4820' 4595'  
Total Depth PBTD

8-5/8" @ 421'  
Amount of Surface Pipe Set and Cemented at...feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set...feet  
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt  
Cement Company Name  
Invoice #

API NO. 15-097-20,655-0000  
County Kiowa  
NE NE SE Sec. 10 Twp. 28S Rge. 16W West

2310' Ft North from Southeast Corner of Section  
330' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

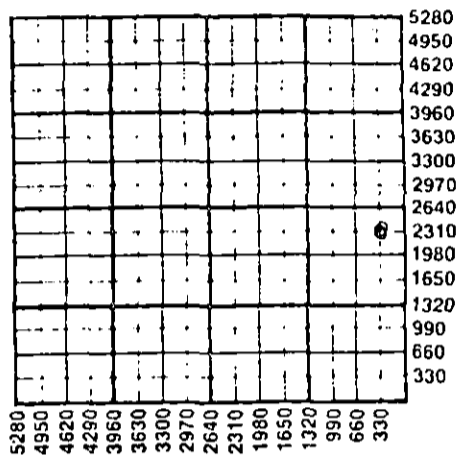
Lease Name FANKHAUSER D Well # 1

Field Name Wellsford

Producing Formation Berea Limestone

Elevation: Ground 2128' KB 2136'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #  
Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West  
Surface Water...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge East West  
Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Doug Clark  
Title District Geologist Date 1/23/88

Subscribed and sworn to before me this 23 day of January 1988  
Notary Public Nancy K. Lay  
Date Commission Expires January 30, 1988

NANCY K. LAY  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 1/30/88

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS REGION  Plug  Other  
(Specify)  
1988

Form ACO-1 (5-86)

1-25-88

Sec. 10 Twp. 28 Rge. 16W

Operator Name TXO Production Corp Lease Name FANKHAUSER "D" Well # 1

Sec. 10 Twp. 28S Rge. 16W County Kiowa

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name Top Bottom  
 See attached.

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface Production		8-5/8"		421'		350	
		4-1/2"		4819'		175	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
	SEE ATTACHED						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
1-19-88		2-3/8"	3520'				
Date of First Production		Producing Method					
1-19-88		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	365 MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  Commingled

3474-77'  
 Bern Lime

Attached to ACO-1 concerning the Workover on the Fankhauser "D" #1 completed 1/19/88.

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

3474-77' w/ 4 JSPF. Bern Lime.

Treated well with 500 gals 15% HCl w/ additives.

SEARCHED INDEXED

MAY 25 1988

COPIES TO BE DESTROYED  
V. J. H. H. H. H. H.

Attachment to #1 Fankhauser "D" Kansas Drillers Log

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and Kind of Material Used	Depth Interval Treated
Acidize w/500 gals 15% NEA	4791-94'
Acidize w/500 gals 15% NEA @ $\frac{1}{2}$ BPM	4763-70'
Dumped acetic acid & 50 bbls 2% KCl wtr	4732-42'
Acidized w/750 gals 15% NEA @ $\frac{1}{2}$ BPM	4732-42'
Frac'd w/40# gel system & 21,000# sand @ 8 BPM	4732-42'
Acidized w/3000 gals 3% HCl @ 3 BPM	4732-42'
Acidized w/500 gals 15% NEA @ 1 BPM & 550#	4708-16'
Squeezed w/34 sxs cmt @ $\frac{1}{2}$ BPM & 2000#	4708-16'
Acidized w/500 gals 15% HCl @ 1 BPM	3708-16'
Frac w/520,000 scf N <sub>2</sub> , 220 BW, 15,000# 20/40 sand, 8,000# 10/20 sand in 70-quality foam @ 12 BPM	3708-16'
Acidized w/1000 gals 15% HCl w/alcohol	4732-42'
Acidized w/3000 gals 15% HCl & 900# BAF	"
Acidized w/500 gals 15% HCl	4692-96'

Operator  
Texas Oil & Gas Corp.

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:  
Oil, gas

Well No.  
#1

Lease Name  
Fankhauser "D"

S 10 T 28S R 16 <sup>K</sup>/<sub>W</sub>

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,  
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<u>LOG TOPS</u>				
Herington	2376	-240		
Winfield	2438	-302		
Towanda	2502	-366		
Cottonwood	2870	-734		
Onaga Sh.	3154	-1018		
Indian Cave sd:	3174	-1038		
Wabaunsee	3191	-1055		
Howard	3544	-1408		
Topeka	3648	-1512		
Heebner	3992	-1856		
Lansing	4160	-2024		
Swope	4438	-2302		
Hertha	4474	-2338		
Marmaton	4526	-2390		
Pawnee	4604	-2468		
Cherokee	4641	-2505		
Mississippi	4689	-2553		
Kinderhook	4722	-2586		
Viola	4806	-2670		
TD	4820			
Ran O.H. Logs				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<i>Harold A. Brown</i>
	Harold A. BROWN      Signature
	District Exploration Manager      Title
	November 24, 1980      Date