

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 Purchaser not yet determined

Operator Contact Person Doug Clark
Phone 316 269-7600

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist Doug Clark
Phone 316 269-7600

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
Dry Other (Core, Water Supply etc.)

If OWN: old well info as follows:

Operator Skelly Oil Co.
Well Name #1 Fred G. Roth
Comp. Date 4-20-65 Old Total Depth 5227'

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

4-3-87 4-4-87 4-16-87
Spud Date Date Reached TD Completion Date
4902' 4831'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 8-5/8" 357'
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated N/A
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

API NO. 15-007-01,017-00-01
County Barber
NE SE SW Sec. 36 Twp. 33S Rge. 14 East
..... West
990 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

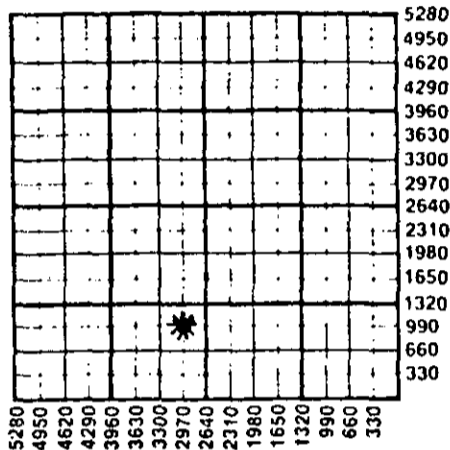
Lease Name Roth Well # 2

Field Name Senter Aetna Gas Area

Producing Formation Mississippian

Elevation: Ground 1719 KB 1724

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

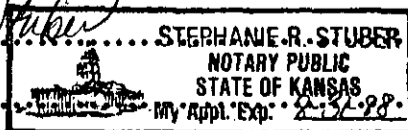
Other (explain).....
(purchased from city, R.W.D. #)

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 5-15-87

Subscribed and sworn to before me this 15th day of May 1987
Notary Public Stephanie R. Stuber
Date Commission Expires 8-31-88



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 Plug Other
(Specify)

Sec 36 Twp. 33 Rge. 14

Operator Name TXO Production Corp. Lease Name Roth Well # 2

Sec. 36 Twp. 33S Rge. 14 East West County Barber

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

CASING RECORD New 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		8-5/8"		357'		200	(already set)
Production	7-7/8"	4-1/2"	10.5#	4864'	Surfill	150	5# sx. Gilsonite

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 JSPF (36 holes)	Mississippi 4703-12'	500 gallons 15% HCl + 1000 gallons 7-1/2% HCl w/additives & 35 ball sealers	4703-12'
		Frac well w/18,774 gals gel. wtr + 85 tons CO ₂ + 56,488# sand.	

TUBING RECORD	Size 2-3/8"	Set At 4642'	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production Shut-In Producing Method Flowing Pumping Gas Lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas Solvent Gravity
	Lite show Bbls	2198 MCF MCF	Bbls	50.11165

STATE CORPORATION COMMISSION
 5-27-87
 MAY 27 1987
 CFPB
 CONSERVATION DIVISION

METHOD OF COMPLETION Wichita, Kansas Production Interval

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

15-007-0107-00-d

DATE OF JOB		
MM	DD	YY
4	5	87

CONTRACT NO. **284786**

DIRECT CORRESPONDENCE TO: P.O. BOX 4442 HOUSTON, TX 77210	TERMS: NET 30 DAYS FROM DATE OF CONTRACT	REMIT TO: P.O. BOX 200416 HOUSTON, TX 77216
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ORDER NO. **27011**

CUSTOMER

NAME: TXU Prod Corp NO. _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

AUTHORIZED BY: _____

DESCRIPTION OF WELL

WELL NO.	OIL	NEW	STATE	CODES
<u>#2</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>KANS</u>	
LEASE NAME:	COUNTY/PARISH:			
<u>Roth #2 OWWD</u>	<u>OWWD</u>			
FIELD NAME:	CITY:			
<u>Roth #2 OWWD</u>				
OWNER:	MTA DISTRICT:			
<u>TXU Prod Corp</u>				
LEASE LINES:				
SURVEY LINES:				
SURVEY:				
DIRECTIONS TO LOCATION:	<u>Union Chapel Church W to dead end 1/2 SW</u>			
SECTION, TOWNSHIP, RANGE:	<u>36-33-14 W</u>			
QUADRANT:				

JOB INFORMATION

ARRIVED					RELEASED						
HH	MM	A	MM	DD	YY	HH	MM	A	MM	DD	YY
7	15		4	5	87	11	15		4	5	87
JOB CODE:	TYPE OF JOB:		API OR IC NO.:								
<u>0106</u>	<u>Prod casing</u>										
AVG. PSI:	BUSINESS CODE:	INJ. RATE (BPM):	WORKING WELL DEPTH (FT.):								
<u>500</u>		<u>4</u>	<u>4701</u>								

DIST. NO.	DISTRICT NAME	SLSMAN NO.
<u>3350</u>	<u>Medicine Lodge</u>	

CONTRACT CONDITIONS

This contract must be signed before the job is started or merchandise delivered. The undersigned is authorized to execute this contract as an Agent of the Customer. As such, the undersigned acknowledges that this contract for services, materials, products and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional substitute terms and/or conditions shall become a part of this contract without the written consent of an Officer of BJ-TITAN SERVICES COMPANY.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 10.100.3.20	3000' to 5000'	E	1	862.00	862.00
02 10.100.3.25	Below 3000'	E	1863	9.00	167.67
03 10.109.0.05	PTM	M	28	1.50	42.00
04 10.4.3.05.08	4 1/2 top plug (Rubber)	E	1	23.50	23.50
05 10.4.1.05.01	Class A	S	160	5.00	800.00
06 10.4.1.5.0.49	A7-P	C	3.01	23.00	69.23
07 10.4.2.8.0.48	KE4	L	3.00	20	160.00
08 10.4.1.5.0.80	D-70	I	800	32	240.00
09 10.4.2.0.1.45	B of Gel	C	3.01	23.00	20.32
0 10.4.2.8.0.20	A-10	C	15.09	13.50	203.04
1 10.9.4.0.1.15	M:1 9.1 tons	M	254.8	68	173.26
2 10.8.8.0.0.95	H=0	Q	160	92	147.20
3 10.4.2.5.0.10	Mud Sweep (B of Reg)	E	500	90	450.00
4					
5					
6					

RECEIVED
STATE CORPORATION COMMISSION
5-27-87
MAY 27 1987

SERVICE REPRESENTATIVE: Dean Sateron PR. BOOK: 07

The above material and service ordered by the Customer and received by: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CONTRACT NO. 284786

DATE OF JOB 15/15/17 DISTRICTIVE Lodge DIST. NO. 3350 AUTHORIZED BY

CUSTOMER 4-Yr Prob Corp

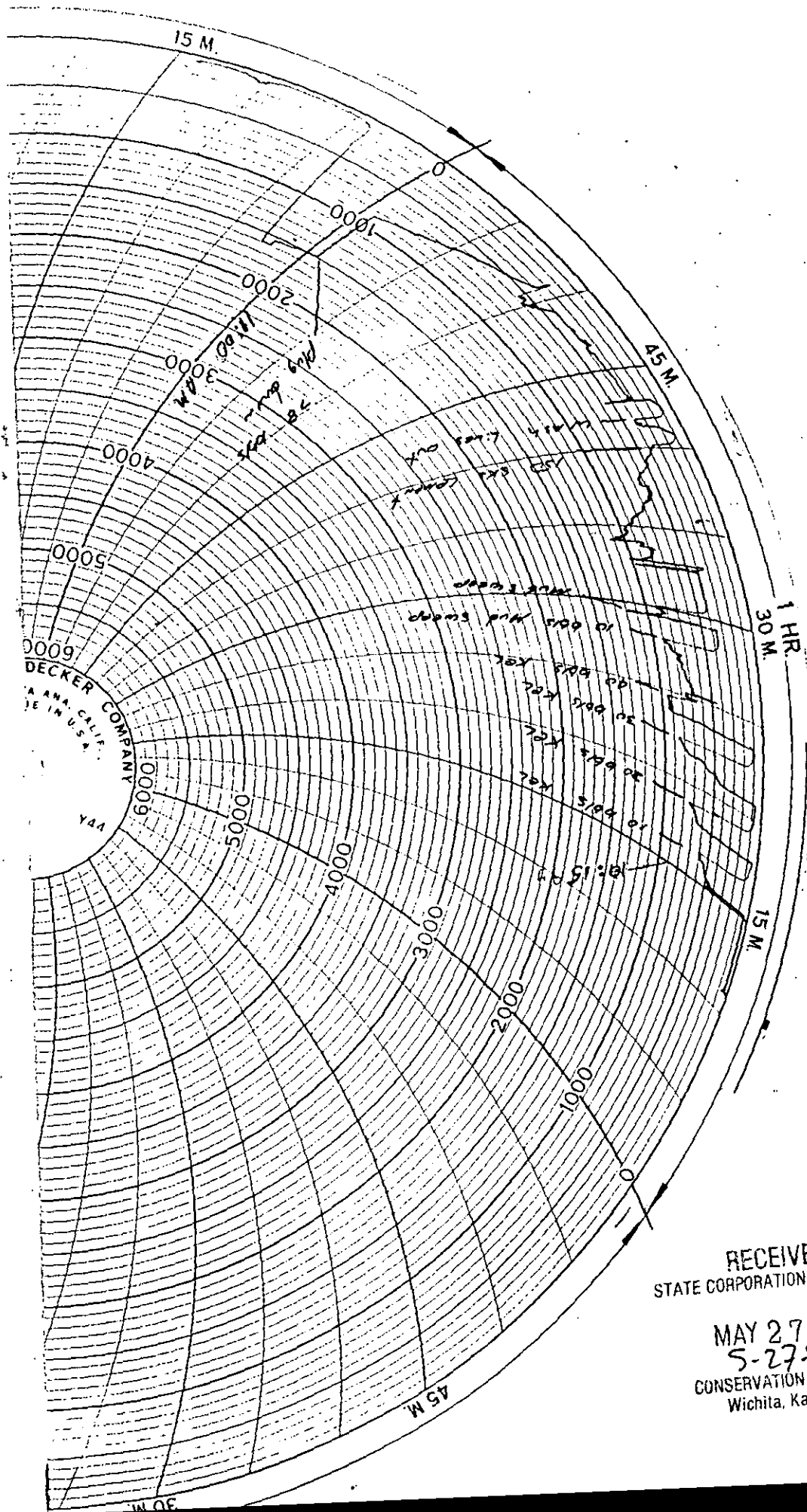
Table with columns: PRICE BOOK, PRICE BOOK REF. NO., SERVICES/MATERIAL, U/M, QUANTITY, PRICE, PRICE EXTENSION. Includes handwritten entries for insect value, basket, and cent.

RECEIVED STATE CORPORATION COMMISSION

MAY 27 1987 5-27-87

SERVICE REPRESENTATIVE: Dan Saloner, PR. BOOK: 07, THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Conservation Division, Wichita, Kansas

15-007-01017-00-01



RECEIVED
STATE CORPORATION COMMISSION

MAY 27 1987
5-2787
CONSERVATION DIVISION
Wichita, Kansas

15-007-01017-00-01

CEMENT DATA

Date: 4-5-87 District: M.L. Ticket No: 284786
 Company: FXO Prod Corp Rig: _____
 Lease: Roth owned #2 Well No: _____
 County: Barber State: Kans.
 Location: Union Chapel Church rd to Field: _____
dead end 1 1/2 mi SW to Loc

Spacer Type: _____
 Amt: _____ Skts Yield: _____ ft³/sk Density: _____ PPG
40 bbls 290 KCL Followed with
500 gals B.G. Mud sweep
 LEAD: Pump Time 7 minutes Type Sur-fill - 5" D-70
 Excess _____

CASING DATA PTA Squeeze
 Surface Intermediate Production Liner
 Size: 4 1/2 Type _____ Weight 10.5 Collar _____

Amt: 150 Skts Yield 1.57 ft³/sk Density 14.5 PPG
 TAIL: Pump Time NONE hrs. Type _____
 Excess _____
 Amt: _____ Skts Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 1050 gals/sk Tail _____ gals/sk Total 25 Bbls.

Casing Depths: Top _____ Bottom 4864

Pump Trucks Used: C1-10 Kevin B
+43 Rick J

Drill Pipe Size: 4 1/2 Weight _____ Collars _____
 Open Hole Size: 7 7/8 TD 4901 ft P/B to _____ ft

Float Equip Manufacturer: Baker
 Shoe Type: Regular Depth 4864
 Float Type: Ball Depth 4861
 Centralizers Quantity 4 Plugs Top 1 Btm _____
 Stage Collars: NONE
 Special Equip: NONE
 Disp. Fluid Type: Fresh water Amt. 78 Bbls Weight _____ PPG
 Mud Type: Chemical Weight _____ PPG

CAPACITY FACTORS
 Casing Bbls Lin ft 0.159 Lin ft Bbl 62.4
 Open Hole Bbls Lin ft _____ Lin ft Bbl _____
 Drill Pipe Bbls Lin ft _____ Lin ft Bbl _____
 Annulus Bbls Lin ft 0.406 Lin ft Bbl 24.6
 Bbls Lin ft _____ Lin ft Bbl _____
 Perforations From _____ ft to _____ ft Amt _____

COMPANY REPRESENTATIVE: Corey West

CEMENTER: Dean Sateren

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Mo	
7:15						Arrive on Loc
7:30						Hold safety meeting and rig up
9:35						BREAK circulation with mud pump
9:40						STARTED circulating in pit
10:15						START 290 KCL
10:25	600		40	40		40 bbls 290 KCL in - Start mud sweep
10:30			50	10		Mud sweep in
10:33	800					start cement
10:46			92	42		Cement in
10:41	100		102	10		Wash lines out
10:43	350					Start displacement
10:59	1500		180	78		Plug down @ 10:59
11:15			183	3		Mix 10 SKS cement for rat hole

RECEIVED
 4-7-86
 RECEIVED 7 1986
 STATE CORPORATION COMMISSION
 MAY 27 1987
 PRODUCTION

15-007-01017-00-01

Log Tops - Roth #2 (OWWO)

TXO Production Corp.
June 8, 1987

Heebner 3952' -2228
Lansing/KC 4142' -2418
Mississippi 4690' -2966

FILED
STATE CORPORATION COMMISSION

JUN 9 1987

6-9-87

FILED
Notary Public