

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

Operator Contact Person Doug Clark
Phone 316 269-7600

Contractor: License # 6165
Name FWA Drilling Co., Inc.

Wellsite Geologist Bill Stobbe
Phone 316 722-9327

PURCHASER Purchaser not yet determined

Designate Type of Completion

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

If OWNQ: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

12-31-85 1-8-86 1-18-86
Spud Date Date Reached TD Completion Date
4850' 4830'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 8-5/8" @ 1107' feet

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

API NO. 15-007-22,120-0000

County Barber

SE NW SE/4 Sec. 35 Twp. 33S Rge. 14W East West

1550 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

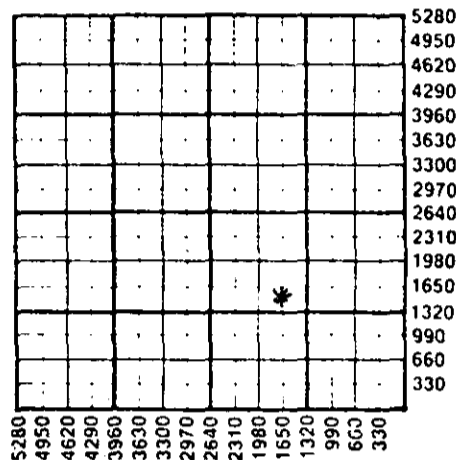
Lease Name LeRoy Cattle Company Well # 1

Field Name Aetna

Producing Formation Mississippi

Elevation: Ground 1739' KB 1750'

Section Plat



WATER SUPPLY INFORMATION

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.#)

Disposition of Produced Water: Disposal Repressuring

Docket # None

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

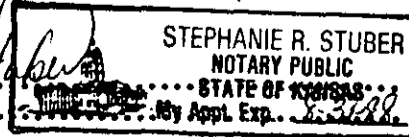
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 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
Doug Clark
Title District Geologist Date 4-1-86

Subscribed and sworn to before me this 1 day of April 1986

Notary Public Stephanie R. Stuber
Date Commission Expires



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

Operator Name TXO Production Corp Lease Name LeRoy Cattle Co. #1 SEC. 35 TWP. 33S RGE. 14 East West

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

DST #1, 4774-97' (Mississippi):
 IFP/30"=73-42 psig, weak incr. to good.
 ISIP/60"=483 psig.
 FFP/45"=84-31 psig, strong blow.
 FSIP/90"=1571 psig.
 Rec: 40' GCM, no shows or odor.

Name	Top	Bottom
Cottonwood	2738	- 988
Onaga (Indian Cave)	3029	-1279
Indian Cave SST	3048	-1298
Wabaunsee	3097	-1347
Stotler	3239	-1489
Topeka	3494	-1744
Kanwaka	3813	-2063
Elgin SST	3878	-2128
Oread	3976	-2226
Heebner	4012	-2262
Douglas Shale	4065	-2315
Lansing	4194	-2444
Stark	4576	-2826
B/KC	4683	-2933
Marmaton	4691	-2941
Mississippi	4769	-3019
RTD	4850	
LTD	4847	

CASING RECORD Now 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	12-1/4"	8-5/8"	23#	1107'	Class A	200	3% CaCl ₂ , 2% gel
Production	7-7/8"	4-1/2"	10.5#	4847'	Lite Surefill	55 150	3% CaCl ₂

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2.5 SPT (20 holes)	4777-87' (MISSISSIPPI)	1.50 gals. 15% HCl w/ additives + 30 ball sealers	4777-87'
		Frac well w/400 sxs 10-20 sand in 480 bbls gel wtr w/86 tons CO ₂	

TUBING RECORD Size 2-3/8" Set At 4674' Packer at N/A
 Liner Run Yes No

Date of First Production Producing Method
 SIGW N/A Flowing Pumping Gas Lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	2 BO Bbls	2950 MCF	38 BW Bbls		

METHOD OF COMPLETION FROM CONFIDENTIAL

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4777-87'
 Used on Lease Dually Completed
 Commingled

RELEASED
 MAY 09 1988

BJ-TITAN SERVICES COMPANY

ORIGINAL

INVOICE DATE
01/01/86

DIRECT BILLING INQUIRIES TO: 713-895-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ-TITAN SERVICES P.O. BOX 200416 HOUSTON, TX - 77216
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PAGE 1 INVOICE NO. 284119

AUTHORIZED BY:
GERREL VECH.

PURCH. ORDER REF. NO.

TXO PRODUCTION CORPORATION
RURAL RT. 1 BOX 125B
MEDICINE LODGE KS
67104

CONFIDENTIAL

009030270

LEASE NAME AND NUMBER 1 LEROY CATTLE CO.	STATE KS	COUNTY/PARISH BARBER	CITY	DISTRICT NAME MEDICINE LOD	DISTR. NO. 33105
JOB LOCATION/FIELD FWA #32	MTA DISTRICT	DATE OF JOB 01/01/86	TYPE OF SERVICE LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100305	1.00	CEMENTING CASING 300 TO 1500 FT.	370.00	00	370.00
10100310	807.00	PLUS PER FOOT BELOW 300 FT.	0.41	00	330.87
10109005	23.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.50	HR	34.50
10430536	1.00	9-5/8" TOP RUBBER PLUG	52.00	EA	52.00
10433083	1.00	THREADED RAFFEL PLATE 3-5/8"	56.70	EA	56.70
10433046	2.00	METAL PETAL BASKET LESS STOP RINGS	171.00	EA	342.00
10415005	50.00	LITE	4.30	CF	215.00
10410504	200.00	CLASS A	5.00	CF	1000.00
10415048	6.96	CALCIUM CHLORIDE, FLAKE	23.00	SX	160.08
10420145	3.76	BJ-TITAN GEL, BENTONITE, BULK SALES	6.75	CF	25.38
10880095	250.00	HANDLING AND DUMPING CHRG FOR CEMENT	0.92	00	230.00
10940115	278.30	HAULING BULK CEMENT	0.69	00	199.24

APR 07 1986
KANSAS OIL SURVEY
WICHITA BRANCH

CHARGE TO: LEROY CC # 1
USED FOR: 233 Cementing 2 5/8"
AFB - PROP 860950

RECEIVED
JAN 22 1986
JAN 27 1986
M.L. OFFICE

SURTOTAL 3011.77
DISCOUNT 431.81

ACCOUNT	3.00000% STATE TAX	1440.88	43.21
	1.00000% COUNTY TAX	1440.88	14.39
ORIG	COMP OPER		
	L & W OTHER		
	W/O		

RELEASED ON
STATE CORPORATION COMMISSION
APR - 7 1986
MAY 09 1988
FROM CONFIDENTIAL
WICHITA, KANSAS

8LS
OKED

TAX EXEMPTION STATUS: PAY THIS AMOUNT 2637.56

BJ-TITAN SERVICES COMPANY

ORIGINAL

INVOICE DATE

01/09/86

DIRECT BILLING INQUIRIES TO:	TERMS:	REMIT TO:
713-895-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	BJ-TITAN SERVICES P.O. BOX 200416 HOUSTON, TX - 77216

PAGE	INVOICE NO.
1	284170

AUTHORIZED BY:
GERRIL VEATCH

PURCH. ORDER REF. NO.

TXO PRODUCTION CORPORATION
RURAL RT. 1 BOX 125B
MEDICINE LODGE 67104 KS

CONFIDENTIAL

009030270

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
LEROY CATTLE CO. 1	KS	BARBER		MEDICINE LOD	33105
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
FWA DRLG #32		01/09/86	LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100320	1.00	CEMENTING CASING 3000 TO 5000 FT.	862.00	00	862.00
10100325	18.51	PLUS PER 100 FT. BELOW 3000 FT.	9.00	00	166.59
10109005	22.00	MILEAGE CHR6, FROM NEAREST BASE OF	1.50	HR	33.00
10410504	150.00	CLASS A	5.00	CF	750.00
10428020	8.46	A-10 GYPSEAL	13.50	CW	114.21
10415048	1.41	CALCIUM CHLORIDE, FLAKE	23.00	SX	32.43
10420145	1.41	BJ-TITAN GEL, BENTONITE, BULK SALES	6.75	CF	9.52
10422008	19.00	CELLO FLAKE	1.20	LB	22.80
10433036	1.00	CEMENT GUIDE SHOE 4-1/2"	93.60	EA	93.60
10433013	1.00	INSERT FLEXFILL VALVE MODEL KC 4-1/2	144.90	EA	144.90
10433050	5.00	MODEL M CASING CENTRALIZERS 4-1/2"	42.30	EA	211.50
10430508	1.00	4-1/2" TOP RUBBER PLUG	23.50	EA	23.50
10428048	3.00	KCL	20.00	CW	60.00
10880095	150.00	HANDLING AND DUMPING CHR6 FOR CUSTO	0.92	00	138.00

APR 07 1986
SURVEY
EXCHANGE

ACCOUNT	
	RELEASED MAY 10 1986 FROM CONFIDENTIAL

TAX EXEMPTION STATUS:

RECEIVED
STATE CORPORATION COMMISSION

APR - 7 1986

CONSERVATION DIVISION
Wichita, Kansas

BJ-TITAN SERVICES COMPANY

INVOICE DATE
01/09/86

DIRECT BILLING INQUIRIES TO 713-895-5821	QUANT/TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO BJ-TITAN SERVICES P.O. BOX 200416 HOUSTON, TX 77216
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PAGE **2** INVOICE NO. **284170**

AUTHORIZED BY
GERRIL VEATCH

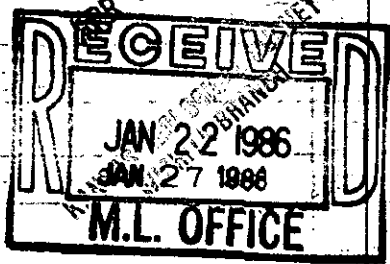
PURCH. ORDER REF. NO.

**TXO PRODUCTION CORPORATION
RURAL RT. 1 BOX 125B
MEDICINE LODGE KS
67104**

CONFIDENTIAL

009030270

LEASE NAME AND NUMBER LEROY CATTLE CO.	STATE	COUNTY/PARISH	CITY	DISTRICT NAME MEDICINE LOD	DISTR. NO. 33105
JOB LOCATION/FIELD FWA DRLG #32	MTA DISTRICT	DATE OF JOB 01/09/86	TYPE OF SERVICE LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE				
10940115	171.60	HAULING BULK CEMENT	0.68	00	116.69				
KANSAS 011									
<table border="1"> <tr> <td>CHARGE TO: <i>Leroy CC #1</i></td> <td>AFE - PROP <i>860950</i></td> </tr> <tr> <td>USED FOR: <i>233 Cementing 4 1/2</i></td> <td></td> </tr> </table>						CHARGE TO: <i>Leroy CC #1</i>	AFE - PROP <i>860950</i>	USED FOR: <i>233 Cementing 4 1/2</i>	
CHARGE TO: <i>Leroy CC #1</i>	AFE - PROP <i>860950</i>								
USED FOR: <i>233 Cementing 4 1/2</i>									
									
SUBTOTAL					2778.74				
DISCOUNT					394.28				

CHARGE TO: <i>Leroy CC #1</i>	AFE - PROP <i>860950</i>
USED FOR: <i>233 Cementing 4 1/2</i>	

RECEIVED
JAN 22 1986
M.L. OFFICE

DRIG COMP OPER L & W W/O OTHER

ACCOUNT	3.00000X STATE TAX	ON	1062.47	31.85
	1.00000X COUNTY TAX	RELEASED ON	1062.47	10.60
MAY 09 1988				
FROM CONFIDENTIAL				
TAX EXEMPTION STATUS:	APR - 7 1986	PAY THIS AMOUNT		2426.91

STATE CORPORATION COMMISSION