

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 100
City/State/Zip Wichita, Kansas 67202

Purchaser D & A

Operator Contact Person Doug Clark
Phone 316 269-7600

Contractor: License # 5380
Name Eagle Drilling Company

Wellsite Geologist Jim Hall
Phone 316 838-2574

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
2-25-87 3-7-87 D & A 3-8-87
Spud Date Date Reached TD Completion Date
5200' N/A
Total Depth PBTD
8-5/8" @ 520'

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 N/A
from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

API NO. 15-033-20,705-0000
County Comanche
approx E/2 E/2 NE Sec 4 Twp 32S Rge 17W East XX West

4050 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

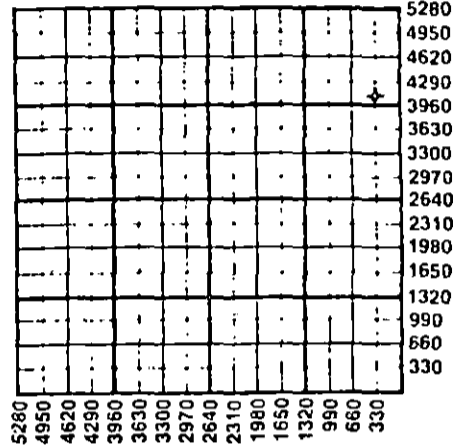
Lease Name MCCAY "A" Well # 1

Field Name McCay Extension

Producing Formation D & A

Elevation: Ground 2082' KB 2095'

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 # N/A

Groundwater 3960 Ft North from Southeast Corner
(Well) 1980 Ft West from Southeast Corner of
Sec 3 Twp 32S Rge 17 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 3-17-87

Subscribed and sworn to before me this 17th day of March 1987.
Notary Public Stephanie R. Stuber

Date Commission Expires 8-31-88
STEPHANIE R. STUBER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 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)
STATE CORPORATION COMMISSION

Form ACO-1 (5-86)
MAR 25 1987

CONSERVATION DIVISION
Wichita, Kansas
3-23-87

Sec. 4, Twp 32, Rge 17

Operator Name TXO Production Corp. Lease Name McCay "A" Well # 1

Sec. 4 Twp. 32S Rge. 17 East West County Comanche

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, 5102-27' (Mississippi):
 1st open: blow off bottom, in 1", stabilizing/
 slightly decreasing. No GTS.
 2nd open: GTS in 20", venting 6-7 MCFD on 1/4"
 choke. FP=25 psig. stabilized.
 IFP/30"=94-153 psig.
 ISIP/60"=1716 psig.
 FFP/45"=201-260 psig.
 FSIP/90"=1693 psig.
 Rec: 50' GCMW, 50' GCWM, 60' GCMW w/few oil
 specks, 540' gassy SW w/skum of oil.

Name	Top	Bottom
Herington	2515	- 420
LeCompton	4063	-1968
Elgin	4164	-2069
Heebner	4267	-2172
Toronto	4283	-2188
Brown Ls.	4442	-2347
Lansing	4460	-2365
Dennis	4752	-2657
Swope	4810	-2715
Hertha	4862	-2767
BKC	4901	-2806
Marmaton	4955	-2860
Cherokee	5043	-2948
Mississippi	5098	-3003
RTD	5200	
LTD	5203	

DST #2, 5135-50' (Mississippi):
 1st open: 1" below.
 2nd open: 1" increasing to 6" - stabilizing.
 IFP/30"=71-82 psig.
 ISIP/60"=939 psig.
 FFP/45"=94-106 psig.
 FSIP/90"=1346 psig. Rec: 90' DM.

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Conductor		16"		55'			
Surface		8-5/8"	24# A-Cond	520'	Lite	300	3% CaCl ₂
					Common	100	3% CaCl ₂ , 2% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
N/A							
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
N/A							
Date of First Production		Producing Method					
D & A 3-8-87		<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
N/A		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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

D & A
 3-8-87

15-033-20705-0000

SERVICES/MATERIAL CONTRACT

BJ-TITAN SERVICES COMPANY

ORIGINAL
215052 FT

DATE OF JOB		
MM	DD	YY
2	26	86

CONTRACT NO. 284520

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.

CUSTOMER

NAME: TXO PRODUCTION NO. 09030270
 ADDRESS: MARKET CENTRE BLDG. #1000
 CITY: WICHITA STATE: KS ZIP CODE: 67202
 AUTHORIZED BY: Butch STEINERT

DESCRIPTION OF WELL

WELL NO. #1A OIL/GAS NEW/OLD STATE: KANS CODES: 15
 LEASE NAME: McKAY COUNTY/PARISH: CLARK CO: 007
 FIELD NAME: CITY:
 OWNER: TXO PRODUCTION MTA DISTRICT:
 LEASE LINES:
 SURVEY LINES: MAR 03 1987
 SURVEY:
 DIRECTIONS TO LOCATION: W on 160 Hwy TO m m 173 - 1N - w to well (Yellow East)
 SECTION, TOWNSHIP, RANGE: 4 32 17W
 QUADRANT:

JOB INFORMATION

ARRIVED						RELEASED					
HH	MM	A	MM	DD	YY	HH	MM	A	MM	DD	YY
8	30	P	2	26	87	:		P	2	26	87

JOB CODE: 0100 TYPE OF JOB: SURFACE CASING API OR IC NO.:
 AVG. PSI: BUSINESS CODE: INJ. RATE (BPM): WORKING WELL DEPTH: 520 FT.

DIST. NO.	DISTRICT NAME	SLSMAN NO.
3350	MEDICINE LODGE	

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: X K. C. Steinert (WELL OWNER: OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 10100305	0-300 FT			370.00	370.00
22 10100310	300 - 519 FT	E	819	.11	89.79
23 10109005	Pump TRUCK MILEAGE (ML)	E	36	1.50	54.00
24 10430536	85/8 Top RUBBER Plug	E	1	58.00	58.00
25 10110501	CLASS A	S	100	5.00	500.00
26 10415005	BJ-T LITE	S	300	4.30	1290.00
27 10415049	A7-P	S	10.71	23.00	247.02
28 10120115	BJ-T Gel	CWT	1.88	6.75	12.69
29 10910115	DRYAGE 185 TON X 3/4 MI (ML)	E	666	.68	452.88
0 12880095	HANDLING AND DUMPING	Q	400	.92	368.00
1 10133046	85/8 BASKET	E	1	171.00	171.00
2 10133083	85/8 TH. BATTLE PLATE	E	1	56.70	56.70
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SERVICE REPRESENTATIVE: Neal Rupp PR. BOOK: 07 The above material and service ordered by the Customer and received by: X K. C. Steinert (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

BJ-TITAN SERVICES COMPANY

INVOICE DATE
02/26/87

DIRECT BILLING INQUIRIES TO: 713-895-5821	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 1	INVOICE NO. QE052
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AUTHORIZED BY
284520

PURCH. ORDER REF. NO.

TXU PRODUCTION CORPORATION
RURAL RT 1 BOX 125B
MEDICINE LODGE

KS 67104

WELL NUMBER : #1A

CUSTOMER NUMBER : 00903270

LEASE NAME AND NUMBER MCKAY	STATE 15	COUNTY/PARISH	CITY	DISTRICT NAME MEDICINE LODGE	DISTR. NO. 3350
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB 02/26/87	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		370.00
10100310	219.00	PLUS PER FOOT BELOW 300 FT.	0.41		89.79
10109005	36.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.50		54.00
10430536	1.00	8-5/8" TOP RUBBER PLUG	58.00	EA	58.00
10410504	100.00	CLASS "A" CEMENT	5.00	CF	500.00
10415003	300.00		4.30	CF	1,290.00
10415049	10.74	A-7-P	23.00	LB	247.02
10420145	1.88	BJ-TITAN GEL, BENTONITE, BULK SALES	6.75	CW	12.69
10940115	666.00	MIN DRAYAGE CHRG	0.68		452.88
10880095	400.00	HANDLING AND DUMPING CHRG FOR CUSTO	0.92		368.00
10433046	1.00	METAL PETAL BASKET LESS STOP RINGS	171.00		171.00
10433083	1.00	THREADED BAFFEL PLATE 8-5/8"	56.70		56.70
SUBTOTAL					3,670.08
DISCOUNT					999.80

KANSAS *oil*

CHARGE TO: <i>McCay A#1</i>	AFE - PROP <i>870064</i>
USED FOR: <i>335 Cementing</i>	

RECEIVED
MAR - 9 1987
MAR 11 '87
M.L. OFFICE

BL me

ACCOUNT

TAX EXEMPTION STATUS

PAY THIS AMOUNT

2,670.28

15-033-20705-0000

DATE OF JOB
MM DD YY
3 7 87

CONTRACT NO. 284816

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.

CUSTOMER

NAME: TXO PRODUCTION Corp. NO. 09030270
 ADDRESS: 155 N. MARKET, SUITE 1000
 CITY: WICHITA STATE: KS ZIP CODE: 67202
 AUTHORIZED BY: KENNETH McGUIRE

DESCRIPTION OF WELL

WELL NO. A-1 OIL GAS NEW STATE: KANSAS CODES: 15
 LEASE NAME: MCKAY COUNTY/PARISH: COMANCHE CO. 07
 FIELD NAME: CITY:
 OWNER: TXO PROD. Corp. MTA DISTRICT:
 LEASE LINES:

JOB INFORMATION

ARRIVED: HH:MM:SS 12:45 A MM DD YY 3 7 87
 RELEASED: HH:MM:SS 2:30 P MM DD YY 3 7 87
 JOB CODE: 0115 TYPE OF JOB: Plug to Abandon API OR IC NO.: 15-033-20705
 AVG. PSI: BUSINESS CODE: INJ. RATE (BPM): WORKING WELL DEPTH: 5200 FT.

SURVEY LINES:
 SURVEY:
 DIRECTIONS TO LOCATION: MM#193 ON 160, 1/4N, W/4S
 SECTION, TOWNSHIP, RANGE: 4 32s 17w
 QUADRANT: E/2 E/2 NE

DIST. NO.: 3350 DISTRICT NAME: MEDICAL LODGE, KS. SLSMAN NO.:

CONTRACT CONDITIONS

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 - 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: *Kenneth K. McGuire*
 (WELL OWNER: OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 1.01098.16	PUMP CHANGE	E	1	650.00	650.00
02 1.01090.05	PUMP TRUCK MILEAGE	E	33	1.50	49.50
03 1.04105.04	CLASS A	S	72	5.00	360.00
04 1.04150.18	DEAMEX F	S	48	2.00	96.00
05 1.04201.45	BJ-TITAN BEL	P	6.19	6.75	41.78
06 1.04305.33	3 7/8" DRY HOSE PUG	E	1	9.00	9.00
07 1.03300.95	HANDLETS + DUMPER	Q	120	.92	110.40
08 1.09401.15	DRAVAGE 5.5 X 33	E	181.5	.68	123.42
09	SUBTOTAL				1440.10
10	LESS 15% DISC.				216.02
11	TOTAL				\$1224.08
12					
13	STATE CORPORATION COMMISSION				
14	3-23-87				
15	MAR 23 1987				
16	CONSERVATION DIVISION Wichita, Kansas				

SERVICE REPRESENTATIVE: *Kevin R. Ruesch* PR. BOOK: 07
 The above material and service ordered by the Customer and received by: *Kenneth K. McGuire*
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CEMENTING LOG

15-033-28705-0000

Date 3/1/87 District MED 14069 Ticker No. 284816
 Company TKO PRODUCTION Rig 881E #1
 Lease MCKAY A Well No. 1
 County COMANCHE State KANSAS

Location 4-37s-17W Field W/S
MU#193 W 160 1/4N

CASING DATA PTA Squeeze
 Surface Intermediate Production Liner
 Size 3 1/8" Type _____ Weight _____ Collar _____

Depth Top _____ Bottom _____

Pipe Size 4 1/2" Weight 16.6# Collars _____
 Hole Size 7 7/8" TD 520 ft PB to _____ ft

CAPACITY FACTORS
 Bbls Lin ft _____ Lin ft Bbl _____
 Bbls Lin ft _____ Lin ft Bbl _____
 Bbls Lin ft _____ Lin ft Bbl _____
 Bbls Lin ft _____ Lin ft Bbl _____

CEMENT DATA
 Spacer Type: _____
 Amt _____ Sks Yield _____ ft sk Density _____ PPG _____

LEAD Pump Time _____ hrs Type 60/40 Poz
6 7/8 BCL Excess _____
 Amt 120 Sks Yield 156 ft sk Density _____ PPG _____

TAIL Pump Time _____ hrs Type _____
 Excess _____
 Amt _____ Sks Yield _____ ft sk Density _____ PPG _____

WATER Limit 7.8 gals sk Tail _____ gals sk Total _____ Bbls

Pump Truck J-368/OT-14 STEINER ROYMAN
 Bulk T-42/00930 STEEL HULETT

Float Equip Manufacturer _____
 Shot Type _____ Depth _____
 Float Type _____ Depth _____
 Centralizers Quantity _____ Plugs Top _____ Bbl _____
 Stage Collars _____
 Special Equip _____
 Disc Fluid Type MAR Amt _____ Bbls Weight _____ PPG _____
 Mud _____ Weight _____ PPG _____

Handwritten signature

FLUID PUMPED DATA

TIME	DEPTH	SPOT	DISPLACE	REMARKS
12:45				ON (DATED), HARD SAFETY MIX
				REG UP
1:03	14	14		SPOT 50% 69/40 1/2 AT 970'
	24	10		DISPLACE WITH MILK
	35	11		SPOT 40% 69/40 1/2 AT 550'
	40	5		DISPLACE WITH MILK
	43	3		10% - Air
	46	3		10% - MESSAGE
	49	3		10% - RINSE

RECEIVED
 STATE CORPORATION COMMISSION
3-23-87
 MAR 23 1987
 CONSERVATION DIVISION
 Wichita, Kansas