

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

5

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

Purchaser D&A

Operator Contact Person Bill Coffey  
Phone 316-269-7600

Contractor: License # 5380  
Name Eagle Drilling

Wellsite Geologist Jim Hall  
Phone 316-838-2574

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

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

WELL HISTORY

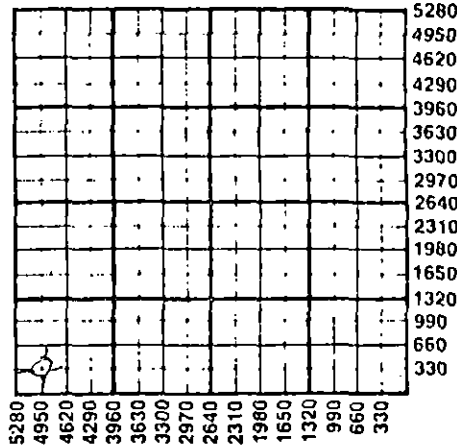
Drilling Method: XX Mud Rotary Air Rotary Cable  
05/10/87 05/17/87 05/18/87  
Spud Date Date Reached TD Completion Date  
4610' N/A  
Total Depth PBDT  
8-5/8" @ 321'  
Amount of Surface Pipe Set and Cemented at feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated N/A  
from feet depth to w/ SX cmt  
Cement Company Name  
Invoice #

API NO. 15-047-21285-0000  
County Edwards  
C SW SW SW Sec. 16 Twp. 24S Rge. 19 East X West

330' Ft North from Southeast Corner of Section  
4950' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name SCHINSTOCK Well # 1  
Field Name Wildcat  
Producing Formation D&A  
Elevation: Ground 2164 KB 2176

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # None 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  
X Groundwater 330 Ft North from Southeast Corner  
(Well) 5050 Ft West from Southeast Corner of  
Sec 16 Twp 24S Rge 19 East X 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. #)

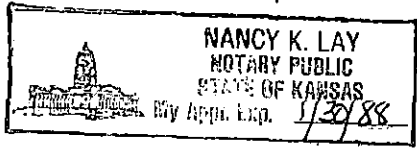
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.  
Information on side two of this form will be held 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 Bill Coffey  
Title District Geologist Date 6/19/87

Subscribed and sworn to before me this 19th day of June 1987  
Notary Public Nancy K. Lay  
Date Commission Expires January 30, 1988

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  
RECEIVED (Specify)  
STATE CORPORATION COMMISSION  
JUN 30 1987  
Form ACO-1 (5-86)



Sec. 16 Twp. 24 Rge. 19

Operator Name TXO Production Corp. Lease Name SCHINSTOCK Well # 1

Sec. 16 Twp. 24S Rge. 19 East West County Edwards

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, 4350-4404' (Marmaton)  
 IFP/30"=71-236 psig.  
 ISIP/60"=1486 psig.  
 FFP/45"=309-390 psig.  
 FSIP/90"=1486 psig.  
 Rec: 180' MW, 770' SW  
 Two strong blows on both opens.

Name	Top	Bottom
Heebner	3877	-1701
Lansing/KC	3993	-1817
Marmaton (Lenapah)	4371	-2195
Mississippi	4552	-2376
RTD - 4610'		
LTD - 4607'		

DST #2, 4505-66' (Mississippi)  
 IFP/30"=104-104 psig.  
 ISIP/60"=972 psig.  
 FFP/30"=146-146 psig.  
 FSIP/60"=502 psig.  
 Rec: 125' mud w/show of oil in top of tools.  
 Weak blows on both opens.

(SEE ATTACHED FOR DST #3)

CASING RECORD <input checked="" 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	12-1/4"	8-5/8"	24#	321'	Lite Common	125 100	3% CaCl <sub>2</sub> + 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	Size	Set At	Packer at				
Date of First Production	Producing Method						
N/A 05/18/87	<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	
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... D&A 5/18/87  
 Used on Lease  Dually Completed .....  
 Conmingle

DST #3, 4196-4221' (Drum)

IFP/30"=115-135 psig.

ISIP/60"=1368 psig.

FFP/45"=209-230 psig.

FSIP/90"=1368 psig.

Rec: 360' MW

RECEIVED  
STATE COMMISSION

JUN 30 1987

CONTRACT # 1011 Dan Grew  
Wichita, Kansas

15-047-21285.0000

**BJ-TITAN SERVICES COMPANY**

ORIGINAL

F.T.

DATE OF JOB		
MM	DD	YY
5	9	87

CONTRACT NO.	350173
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DIRECT CORRESPONDENCE TO	TERMS	DATE OF CONTRACT	REMIT TO
P.O. BOX 4442 HOUSTON, TX 77210	NET 30 DAYS FROM	DATE OF CONTRACT	P.O. BOX 200416 HOUSTON, TX 77216

ORDER NO.	
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CUSTOMER	
NAME <i>T.X.O. Production</i>	NO. <i>09030270</i>
ADDRESS <i>Market Center Building #1000</i>	
CITY <i>Wichita</i>	STATE <i>Kans</i>
ZIP CODE <i>67202</i>	
AUTHORIZED BY	

DESCRIPTION OF WELL			
WELL NO. <i>1</i>	OIL <input checked="" type="checkbox"/>	NEW <input checked="" type="checkbox"/>	STATE <i>Kansas</i>
	GAS <input type="checkbox"/>	OLD <input type="checkbox"/>	CODES <i>15</i>
LEASE NAME <i>Schinstock</i>		COUNTY/PARISH <i>Edwards</i>	
FIELD NAME <i>Wildcat</i>		CITY	
OWNER <i>T.X.O. Production</i>		MTA DISTRICT	
LEASE LINES <i>Eagle Drlg.</i>			
SUPPLY LINES <i>Pump Truck #30</i>		<i>Mike Stos</i>	
SURVEY <i>Bulk Truck #5377</i>		<i>Dave Douglas</i>	
DIRECTIONS TO LOCATION <i>56+1<sup>st</sup> st. jet in Kinsley 1W. 2N 330'E</i>			
SECTION, TOWNSHIP, RANGE <i>16 24s 19W</i>			
QUADRANT <i>SW SW SW</i>			

JOB INFORMATION		ROUND TRIP-MILES			
ARRIVED		RELEASED			
HH	MM	DD	YY	HH	MM
3	00	5	9	8	15
JOB CODE <i>100</i>		TYPE OF JOB <i>surface casing</i>		API OR IC NO.	
AVG. PSI		BUSINESS CODE		WORKING WELL DEPTH <i>321</i>	
		INJ RATE (BPM)		FT	

DIST. NO.	DISTRICT NAME	SLSMAN NO.
<i>3310</i>	<i>Great Bend</i>	<i>30</i>

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* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 10.10.03.2.5	Price of job	set up	1.	370 00	370 00
02 10.10.03.1.0	Depth charge (per ft below 300 ft)	ft	21.	41	8 61
03 10.10.09.0.5	Pump Truck Mileage	mile	48.	1 50	72 00
04 10.43.10.3.6	8 5/8 Wooden Plug	Plug	1.	40 00	40 00
05 10.41.05.0.4	Class II	Q	100.	5 00	500 00
06 10.41.5.0.0.5	B.T. Lite	Q	125.	4 30	537 50
07 10.41.5.0.4.8	A-7	sk	6.08	23 00	139 84
08 10.42.0.1.4.5	B.S. Gel	cuft	1.88	6 75	12 69
09 10.88.0.0.9.5	Handling & Dumping	Q	225.	92	207 00
10 10.94.0.1.1.5	Hauling (48 miles x 10.5 tons)	ton mile	504.	68	342 72
11 10.43.3.0.5.3	8 5/8 Centralizer	8 5/8	1.	58 50	58 50
12					2288 86
13					503 55
14				STATE TAX	9785 31
15				TAX JUN 30 1987	44 30
16					1829 61

SERVICE REPRESENTATIVE <i>M. Dale Cochran</i>	PR BOOK <i>07</i>	The above material and service ordered by the Customer and received by: <i>X K.O. Stearns</i> (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
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15-047-21285-0000

P.O. BOX 4442, HOUSTON, TX 77210

CEMENTING LOG

STAGE NO.

Date 5-9-87 District 3310 Ticket No. 350173  
 Company Texas Production Rig Eagle Drlg  
 Lease Schinstack Well No. 1  
 County Edwards 16-245-19w State Kansas  
 Location 1<sup>st</sup> St 456, just in Kinsley Field Wildcat  
1W 2N 330 E N into

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 8 5/8 Type \_\_\_\_\_ Weight 24# Collar \_\_\_\_\_

Casing Depths Top \_\_\_\_\_ Bottom \_\_\_\_\_  
8 5/8 set at 321 K.B.

Drill Pipe Size 4 1/2 Weight 16.60 Collars \_\_\_\_\_  
 Open Hole Size 12 1/4 T.D. 330 ft P.B. in \_\_\_\_\_ ft

CAPACITY FACTORS

Casing	Bbls Lin ft	<u>.0637</u>	Lin ft	Bbl	<u>15,9015</u>
Open Holes	Bbls Lin ft	<u>.1458</u>	Lin ft	Bbl	<u>6,8599</u>
Drill Pipe	Bbls Lin ft	<u>.0142</u>	Lin ft	Bbl	<u>70,3235</u>
Annulus	Bbls Lin ft	<u>.0735</u>	Lin ft	Bbl	<u>13,6037</u>
Perforations	From _____ ft to _____ ft				

CEMENT DATA:

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type B.J. Lite 3% A-7  
 Excess \_\_\_\_\_

Amt. 125 Sks Yield 1.54 ft<sup>3</sup>/sk Density 13.6 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type Common 3% A-7 2% Gel  
 Excess \_\_\_\_\_

Amt. 100 Sks Yield 1.34 ft<sup>3</sup>/sk Density 15.2 PPG

WATER Lead 7.7 gals/sk Tail 6.4 gals/sk Total 38.13 Bbls.

Pump Trucks Used 30 Mike Stas  
 Bulk Equip 5377 Dave Douglas

Float Equip Manufacturer Baker

Shoe Type \_\_\_\_\_ Depth \_\_\_\_\_

Float Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers Quantity 1 Plugs Top \_\_\_\_\_ Btm \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip \_\_\_\_\_

Disp Fluid Type H<sub>2</sub>O Amt. 19 1/4 Bbls Weight 8.34 PPG

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER M. Dale Cochrane

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
						<p>Cut 330' of 12 1/4" hole. Run 7 joints of 8 5/8 24# casing to 321'. Cemented with 125 sks B.J. Lite 3% A-7 followed with 100 sks Class A 3% A-7, 2% Gel. Pumped plug to 301' with 19 1/4 barrels of fresh water.</p> <p>Cement did circulate</p>
						<p>STATE COMMISSION</p> <p>JUN 30 1987</p> <p>CONSULTATION DIVISION                  Wichita, Kansas</p> <p><u>Thanks</u></p>

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs. THANK YOU Dale

**BJ-TITAN SERVICES COMPANY**

ORIGINAL

FT

DATE OF JOB  
MM DD YY  
5 17 87

SERVICES/MATERIAL 15-047-21285-0000

CONTRACT NO. 350779

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

**CUSTOMER**

NAME: TXO PRODUCTION NO. 9030270  
 ADDRESS: 155 N. MARKET SUITE 1000  
 CITY: WICHITA STATE: KS ZIP CODE: 67202  
 AUTHORIZED BY: X

**DESCRIPTION OF WELL**

WELL NO. #1 OIL  NEW  STATE: KS CODES: 15  
 GAS  OLD   
 LEASE NAME: SPINSTOCK COUNTY/PARISH: EDWARDS 009  
 FIELD NAME: WILDCAT CITY:  
 OWNER: TXO PRODUCTION CORP. MTA DISTRICT:  
 LEASE LINES: EAGLE DRUG #1  
 SURVEY LINES: PUMP TRUCK #31 - HAMMER  
 SURVEY: BULK TRUCK B-25 - RICK B.  
 DIRECTIONS TO LOCATION: KINSLEY W.E. 3N. 300'E N-S.  
 SECTION, TOWNSHIP, RANGE: 16 29S 19W  
 QUADRANT: SW SW SW

**JOB INFORMATION**

ARRIVED: 5:00 P 5 17 87 RELEASED: 8:45 P 5 17 87  
 JOB CODE: 115 TYPE OF JOB: P.T. A. API OR IC NO: 1504721285  
 AVG. PSI: BUSINESS CODE: INJ RATE (BPM): WORKING WELL DEPTH: 1300 FT

DIST. NO. 3310 DISTRICT NAME: GREAT BEND SLSMAN NO. 30

**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 (WELL OWNER: OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 10.1098.16	PRICE OF JOB	SET UP	1	650.00	650.00
02 10.1099.05	PUMP TRUCK MILEAGE	MILE	48	1.50	72.00
03 10.4105.04	COM CLASS A.	SK	81	5.00	405.00
04 10.4150.18	POZ.	SK	54	2.00	108.00
05 10.4201.45	CEL.	SK	7	6.75	47.25
06 10.4305.38	8 1/2" DRY HOLE PLUG.	EA.	1	9.00	9.00
07 10.8800.95	HANDLING + DUMPING	CF	135	.92	124.20
08 10.940.115	HANDLING - 48 & 6 1/2"	TON	295.2	.68	200.74
09					1616.19
10					356.00
11					less discount
12					1260.19
13					STATE CL...
14					JUN 7 0 1987
15					
16					

SERVICE REPRESENTATIVE: M. R. M. POSEHARD

PR. BOOK #7 The above material and service ordered by the Customer and received by: C. C. DUAL (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

# BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

15-047-21285-0000

# CEMENTING LOG

STAGE NO. \_\_\_\_\_

Date 5-17-87 District 3310 Ticket No 350229  
 Company \_\_\_\_\_ Rig Eagle Drlg #1  
 Lease Shinrock Well No 1  
 County Edwards State Kansas  
 Location W edge of Kinsley 3N Field Wildcat  
330 F. N into

CASING DATA PTA  Squeeze   
 Surface  Intermediate  Production   
 Size \_\_\_\_\_ Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe Size 4 1/2 x hole Weight 16.60 Collars \_\_\_\_\_  
 Open Hole Size 17 7/8 TD 4610 ft PB to \_\_\_\_\_ ft

### CAPACITY FACTORS

Casing Bbls Lin ft \_\_\_\_\_ Lin ft Bbl \_\_\_\_\_  
 Open Holes Bbls Lin ft 20602 Lin ft Bbl 1065493  
 Drill Pipe Bbls Lin ft 2142 Lin ft Bbl 703235  
 Annulus Bbls Lin ft \_\_\_\_\_ Lin ft Bbl \_\_\_\_\_  
 Bbls Lin ft \_\_\_\_\_ Lin ft Bbl \_\_\_\_\_

Perforations From \_\_\_\_\_ ft to \_\_\_\_\_ ft Amt \_\_\_\_\_

### CEMENT DATA

Spacer Type: \_\_\_\_\_  
 Amt \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft sk Density \_\_\_\_\_ PPG  
 LEAD Pump Time \_\_\_\_\_ hrs Type 60/40 Poe 6% Gel  
 Amt 13.5 Sks Yield 1.53 ft sk Density 13.3 PPG  
 LAG Pump Time \_\_\_\_\_ hrs Type \_\_\_\_\_  
 Amt \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft sk Density \_\_\_\_\_ PPG  
 WATER Cont 7.66 gals sk Tot \_\_\_\_\_ gals sk Total 24.6 Bbls

Pump Trucks Used 31 \_\_\_\_\_  
 Bbl Equip B-25 \_\_\_\_\_ Hammer  
Rock B.

### Float Equip Manufacture

Shoe Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm \_\_\_\_\_  
 Stage Collar \_\_\_\_\_  
 Special Equip \_\_\_\_\_  
 Dep. Fluid Type \_\_\_\_\_ Amt \_\_\_\_\_ Bbls Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_ CEMENTER Mr Dale Cochran

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS				
	AM	PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID		Pumped Per Time Period	RATE Bbls Min		

Mixed 13.5 sks 60/40 Poe 6% Gel  
 as follows:  
 5.0 sks at 1300'  
 4.0 sks at 350'  
 1.0 sks at 40'  
 1.5 sks in Rathole  
 1.0 sks in Mousehole  
 5 sks in Water Wells (2)

## RECEIVED

### MAY 20 1987

Administration  
 Texas Oil & Gas Corp  
 Wichita

RECEIVED  
 STATE COMMISSION EXAMINATION

JUN 5 1987  
J. H. Ks

CONSERVATION DIVISION  
 Wichita, Kansas

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs. THANK YOU Date