

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 1660 Lincoln, Suite 1800  
Denver, CO 80264  
City/State/Zip

Purchaser Permian

Operator Contact Person Cory West  
Phone 303-861-4246

Contractor: License # 6033  
Name Murfin Drilling Company

Wellsite Geologist NONE  
Phone

Designate Type of Completion  
New Well Re-Entry Workover  
X 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:  
X Mud Rotary Air Rotary Cable

3/14/88 3/21/88 4/5/88  
Spud Date Date Reached TD Completion Date  
5310' 5287'  
Total Depth PBDT 8-5/8" W 726'

Amount of Surface Pipe Set and Cemented at...feet  
Multiple Stage Cementing Collar Used? X Yes X No  
If yes, show depth set...feet  
If alternate 2 completion, cement circulated 400  
from 725' / 1450' feet depth to SURF... w/ 375 SX cmt  
Cement Company Name Halliburton  
Invoice # N/A 281998 10-17-88

API NO. 15-199-20, 146-00-00  
County Wallace  
Irreg. Section  
C S/2 Sec. 1 Twp. 15. Rge. 43. East West

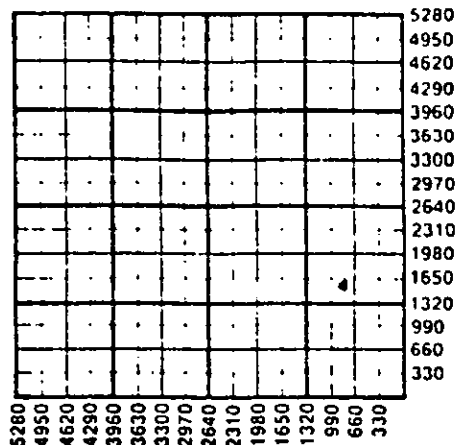
1530 Ft North from Southeast Corner of Section  
900 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Hibbert "A" Well # 5  
Field Name Arapahoekian

Producing Formation Pennsylvanian-Morrow Sand

Elevation: Ground 3935' NB 3940'

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: HANDLED  
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 Cory West  
Title Drilling & Production Engineer Date 6/2/88

Subscribed and sworn to before me this 2nd day of June 1988...  
Notary Public  
Date Commission Expires 11/25/92

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)  
10-11-88

Operator Name TYO PRODUCTION CORP. Lease Name Hibbert "A" Well # 5

Sec. 1 Twp. 15S Rge. 43  East  West County Wallace

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

N/A

RECEIVED  
 STATE CONSERVATION COMMISSION  
 OCT 11 1988  
 CONSERVATION DIVISION  
 Wichita, Kansas

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 1/2"	8-5/8"		726'	60-40 POZ	275	2%
Production	7-7/8"	4-1/2"	10.5	5300'	Class "A"	100	3% gel 2% CC
		port collar @ 1950'		cmtd 3/30/88	w/ 400	sxs 60=40	POZ w/ 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4 JSRF	5180' - 85'			250 gals 7-1/2% acetic acid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-3/8"		Set At 5252'	Packer at None				
Date of First Production	Producing Method						
4/10/88	<input type="checkbox"/> Flowing <input checked="" 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	
	175 BOPD Bbls		60 BOPD Bbls				

METHOD OF COMPLETION

Production Interval

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

...5180-85.....  
 Morrow



LAUGHLIN-SIMMONS & CO. OF KANSAS, INC.

OIL FIELD SURVEYING  
1337 NORTH MERIDIAN, SUITE 2 WICHITA, KANSAS 67203 (316) 943-5351

KW308882  
INVOICE NO.

TXO PRODUCTION CORPORATION      5      Hibbert "A"  
OPERATOR      NO.      FARM  
Wallace      1 15s 43w      1530' FSL 900' FWL of Section  
COUNTY      S      T      R      LOCATION

ELEVATION: 3935 gr *W*



TXO PRODUCTION CORPORATION  
Attn: Ms Connie Koehler  
155 N. Market Suite 1000  
Wichita, Kansas 67202

10-11-88  
MAY 14 1988

AUTHORIZED BY: Cory West

SCALE: 1" = 1000'

RECEIVED  
STATE CORPORATION COMMISSION

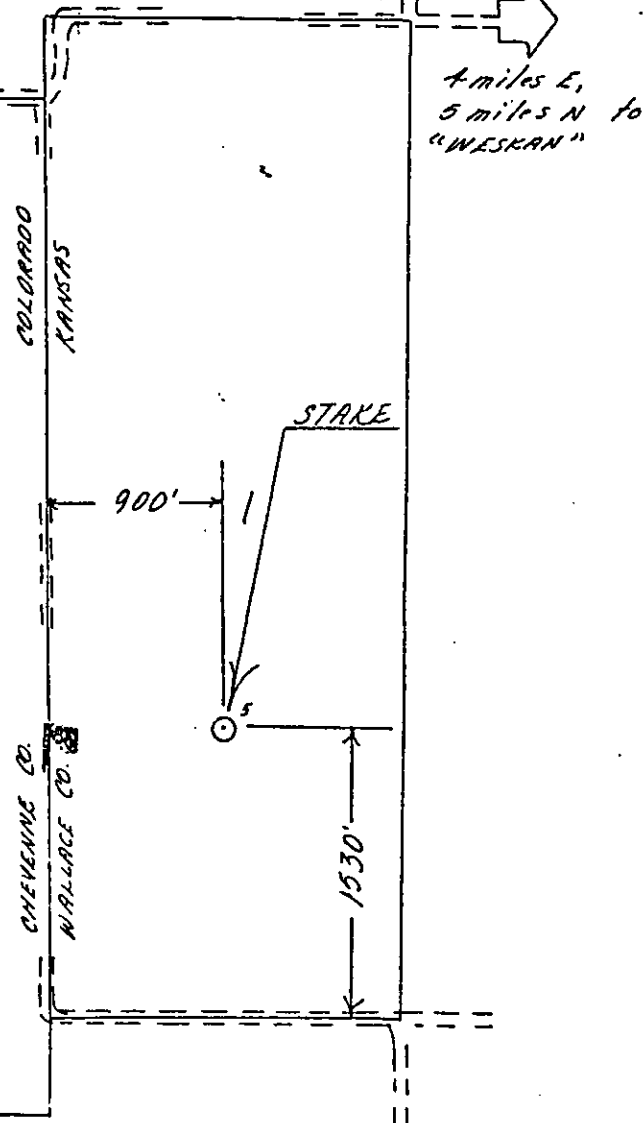
OCT 11 1988

CONSERVATION DIVISION  
Wichita, Kansas

4' & 1' wood stake in slightly sloping wheat

Ingress FW  
Flag W

(Irregular Section)



# CEMENTING LOG

Date 3-31-88 Operator OAKLEY Ticket No 281998  
 Company TLD Rig \_\_\_\_\_  
 Lessee HERBERT Well No AS  
 County WALLACE State KANSAS  
 Location DONALD HUNTSVILLE Field \_\_\_\_\_

CEMENT DATA  
 Spacer Type \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skts Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

CASING DATA PTA  Squeeze   
 Surface  Intermediate  Production  Bar + Gauge inner   
 Size 4 1/2" Type \_\_\_\_\_ Weight 10.50 Collar \_\_\_\_\_

LEAD Pump Time \_\_\_\_\_ hrs. Type 60/40 6%  
 Amt. 400 Skts Yield 1.50 ft<sup>3</sup>/sk Density 14- PPG  
 TAIL Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

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

Amt. \_\_\_\_\_ Skts Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tot: \_\_\_\_\_ gals/sk Tot: \_\_\_\_\_ Bbls.

Drill Pipe Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open hole Size \_\_\_\_\_ TD \_\_\_\_\_ ft P.B. to \_\_\_\_\_ ft

Pump Trucks Used 6459  
 B/L's Equip J-272

CAPACITY FACTORS  
 Casing: Bbls/Lin ft \_\_\_\_\_ Lin ft/Bbl \_\_\_\_\_  
 Open Holes: Bbls/Lin ft \_\_\_\_\_ Lin ft/Bbl \_\_\_\_\_  
 Drill Pipe: Bbls/Lin ft \_\_\_\_\_ Lin ft/Bbl \_\_\_\_\_  
 Annulus: Bbls/Lin ft \_\_\_\_\_ Lin ft/Bbl \_\_\_\_\_  
 Bbls/Lin ft \_\_\_\_\_ Lin ft/Bbl \_\_\_\_\_  
 Perforations From \_\_\_\_\_ ft to \_\_\_\_\_ ft Amt \_\_\_\_\_

Float Equip Manufacturer Arrow Bar Gauge  
 Shoe Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip \_\_\_\_\_  
 Disp Fluid Type \_\_\_\_\_ Amt \_\_\_\_\_ Bbls Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

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

CEMENTER \_\_\_\_\_

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls/Min	
9:45A						RIGGED UP FOR SAFETY MEETING
10:15A		600#				PRESSURED UP ANNULUS
10:20A		200#				OPENED PORT COLLAR AND RUMPED 20 BLS OLD BROW
10:25A						MIXED 20 BLS (A.C. WATER)
10:45A		200#				STARTED MIXING CEMENT
11:30A		200#				STARTED (A.C. WATER)
11:45A		200#				FINISHED MIXING CEMENT
11:50A		1000#				RELEASED TOOK CLOSED PORT COLLAR AND PRESS TO 1000# HELD 10 MIN AS US
12:00N						RELEASED PRESSURE
						RAN 10 RESTRAINTS
12:10P		200#				REVERSED OUT EXCESS CEMENT

BJ-TITAN SERVICES COMPANY

DISTRICT COPY

DATE OF JOB  
DD YY  
3 31 88

CONTRACT NO. 281998

DIRECT CORRESPONDENCE TO: P.O. BOX 4442 HOUSTON, TX 77210	TERMS: NET 30 DAYS FROM DATE OF CONTRACT	REMIT TO: P.O. BOX 200418 HOUSTON, TX 77218
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ORDER NO.

**CUSTOMER**

NAME: TXO PRODUCTION NO. \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

AUTHORIZED BY: ALLEN DICK

**DESCRIPTION OF WELL**

WELL NO. A-5  
LEASE NAME: HIBBERT  
FIELD NAME: GIBSON WELL SERVICE  
OWNER: TXO

STATE: KANSAS  
COUNTY/PARISH: WALLACE  
CITY: \_\_\_\_\_  
MTA DISTRICT: \_\_\_\_\_

LEASE LINES: SER. SUPR. L. BVD BRUNGARDT  
SURVEY LINES: RORY S LEE F.  
SURVEY: PUMP TR. BSU 6459 + J-272  
DIRECTIONS TO LOCATION: WESKAW 4W S5 1/2W 1/2S 1/4E  
SECTION, TOWNSHIP, RANGE: 2-15-43W  
QUADRANT: \_\_\_\_\_

**JOB INFORMATION**

ARRIVED				RELEASED			
HH	MM	DD	YY	HH	MM	DD	YY
9	45	3	31	12	15	3	31
JOB CODE		TYPE OF JOB		API OR IC NO.			
		PORT COLLAR JOB					
AVG PSI		BUSINESS CODE		INJ. RATE (BPM)		WORKING WELL DEPTH	
						1950 FT.	

DIST. NO. 3320	DISTRICT NAME: OAKLEY KANSAS	ELSMAN NO.
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**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	PUMPING CHARGE			879 00	879 00
02	PUMP TRUCK MILEAGE OAKLEY <sup>76</sup>	RT	152	110 00	167 20
03	CLASS "A"	SK	240	6 00	1,440 00
04	F ASH	SK	160	3 62	579 20
05	CAP <sup>2</sup>	SK	3 SKS	25 75	77 25
08	BJ GEL	SK	20.64	6.75	139 32
07	HANDLING + DUMPING	SK	400	95	380 00
08	HAULING RECEIVED	TM	1,398.4	70	978 88
09	STATE CORPORATION COMMISSION				46 40 85
10	20% Disc.				928 17
11	OCT 11 1988				3012 68
12	CONSERVATION DIVISION Wichita, Kansas				
13					
14					
15					
16					

SERVICE REPRESENTATIVE \_\_\_\_\_ PR. BOOK \_\_\_\_\_ The above material and service ordered by the Customer and received by \_\_\_\_\_ (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)