

ORIGINAL

SIDE ONE

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

Operator: License # 5171
Name: TXO Production Corp.
Address 1660 Lincoln Street
Suite 1800
City/State/Zip Denver, Colorado 80264
Purchaser: - -
Operator Contact Person: Cory West
Phone (303) 861-4246
Contractor: Name: Eagle Drilling, Inc.
License: 5380
Wellsite Geologist: Kenneth M. LeBlanc

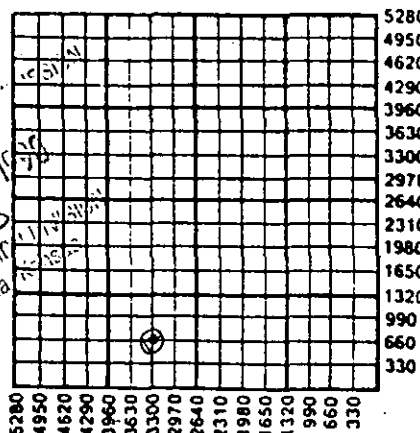
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

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

Drilling Method:
 Mud Rotary Air Rotary Cable
5-1-90 5-8-90 Well D & A'd
Spud Date Date Reached TD Completion Date

API NO. 15- 007-22,315 ~~CONFIDENTIAL~~
County Barber
C SE SW Sec. 27 Twp. 33S Rge. 14 East West
660 Ft. North from Southeast Corner of Section
3300 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Wheat "A" Well # 1
Field Name Aetna
Producing Formation Well D & A'd
Elevation: Ground 1707' KB 1718'
Total Depth 4897' PBTD Well Plugged

STATE RECEIVED
MAY 29 1990
5-29-90
CONSERVATION
Wichita



ACT. I
D & A

TIGHT HOLE

Amount of Surface Pipe Set and Cemented at 410 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set - - Feet
If Alternate II completion, cement circulated from - -
feet depth to - - w/ - - sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 [Signature]
Title Area Drlg & Prod. Engineer Date 5-21-90
Subscribed and sworn to before me this 23 day of May, 19 90.
Notary Public [Signature]
Date Commission Expires 11-03-92

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)

PT

CONFIDENTIAL

CONFIDENTIAL

SIDE TWO

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

Sec. 27 Twp. 33S Rge. 14 East West County Barber

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 copy of log if more space is needed. Attach copy of log.

MAY 28 1991

Drill Stem Tests Taken [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No

Formation Description [X] Log [] Sample FROM CONFIDENTIAL

Table with 3 columns: Name, Top, Bottom. Rows include Kanwaka Sh, Elgin SS, Heebner, LKC, Swope, Miss.

CASING RECORD

[X] New [] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight Lbs./Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 4 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Amount and Kind of Material Used, Depth.

TUBING RECORD

Size Set At Packer At Liner Run [] Yes [] No

Table with 8 columns: Date of First Production, Producing Method, Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas: [] Vented [] Sold [] Used on Lease
METHOD OF COMPLETION: [] Open Hole [] Perforation [] Dually Completed [] Commingled
Production Interval



P.O. Box 4442
Houston, Tx: 77210

ORIGINAL

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

DATE 5-2-90 SERVICE CONTRACT NO. 610752

CUSTOMER ACCOUNT NO. TXO PRODUCTION DIST NAME MED LODGE NEW WELL WELL TYPE 0 JOB NUMBER 500394

CUSTOMER TXO PRODUCTION DIST NUMBER 3350 WELL NO. 1 LEASE NAME & FEDERAL OFFSHORE LEASE NO. WHEAT A

ADDRESS P.O. Box 125 B COUNTY/PARISH BARBER CODE 007 STATE KANS CITY CODE 14

CITY Medicine Lodge STATE Ks. ZIP 67104 FIELD NAME TXO PRODUCTION MTA CODE

AUTHORIZED BY: BURCH STREET (Please Print) ORDER NO.

STAGE NO. 0100 WORKING DEPTH 412 FT. PUMPING EQUIPMENT TIME (A OR P) 1800P DATE 05/02/90

TOTAL PREV. GALS. 0 SURFACE INTERMEDIATE PRODUCTION REMEDIAL TRUCK CALLED 11200A 05/02/90

TOTAL MEAS. DEPTH 1100 FT. SIZE HOLE 12 7/8 DEPTH 1100 FT. ARRIVED AT JOB 1330A 05/02/90

SIZE & WT. CASING 8 5/8 21 DEPTH 412 FT. START OPERATION 1500A 05/02/90

SIZE & WT. DRILL PIPE OR TUBING DEPTH 412 FT. FINISH OPERATION 1500A 05/02/90

PACKER DEPTH 412 FT. FLUID PUMPED 4724 A TIME RELEASED

REVENUE EQUIPMENT (UNIT NUMBERS) EMPLOYEES ON JOB (EMPLOYEE NUMBER)

Table with columns for equipment and employees. Includes handwritten entries like '5' and '647028'. A large 'CONFIDENTIAL' watermark is present.

BLEND S CEMENT FRAC ACID SAND CONTROL

Table with columns: PRICE BOOK REF., PART NO., U/M, QTY., PART NO., U/M, QTY., PART NO., U/M, QTY. Includes handwritten entries and a 'RELEASED' stamp.

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered) The undersigned is authorized to execute this contract as an agent of the customer...

PRICE BOOK 017 SIGNED: K.O. Steinfeld (WELL OWNER, OPERATOR, CONTRACT OR AGENT)

Main material list table with columns: PRICE BOOK REF. NO., QUANTITY, DESCRIPTION, UNIT PRICE, U/M, PRICE EXTENSION. Includes items like Pump Charge, Depth Charge, Pump Truck Mileage, BJ Gel, etc.

SERVICE REPRESENTATIVE 7100 THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: K.O. Steinfeld

CHECK IF CONTINUATION IS USED () (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT) CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



ORIGINAL

SERVICE OPERATIONS CONTRACT CONTINUATION

CONTRACT NO. 610752

DATE OF JOB: MM DD YY 01 23 90	DISTRICT: MED. 2003E	DIST. NO.: 3350	AUTHORIZED BY: BUTCH STENERT
CUSTOMER: T.M. PRODUCTION			

CONFIDENTIAL

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
10A10F1600B	1	8 5/8 BASE PLATE	95.25	E	95.25
10A10F1600B	3	8 5/8 BASKETS	130.00	E	390.00
10A10F1600B	2	8 5/8 CENTRALIZERS	57.75	E	115.50
					3289.39
					592.09
					2697.30

RELEASED

MAY 28 1991

FROM CONFIDENTIAL

STATE OF KANSAS
 CONSERVATION DIVISION
 Wichita, Kansas
 APR 29 1990

SERVICE REPRESENTATIVE: <i>[Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
--------------------------------------------	----------------------------------------------------------------------------------------

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice. - This Service Operations Contract is subject to review and correction by our Accounting Department.

BJ-TITAN SERVICES

P.O. BOX 4442 HOUSTON, TX 77210

CEMENTING LOG

ORIGINAL
STAGEND

CONFIDENTIAL

Date 5-2-90 District 3350 Ticket No. 610752
 Company TXO Prod. Rig 5812 #1
 Lease WHEAT A Well No. 1
 County BAKER State KANS
 Location CAKE CITY RD. + 160 HWY Field
JS-1W-9V2S-12W-15-14W-34S-1E-N TO REG

CEMENT DATA
 Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 LEAD: Pump Time _____ hrs. Type BJ LITE
3 7/8 ATP Excess _____
 Amt. 200 Skys Yield 1.50 ft³/sk Density 13.8 PPG
 TAIL: Pump Time _____ hrs. Type CLASS A 2 3/8
3 7/8 ATP Excess _____
 Amt. 75 Skys Yield 1.39 ft³/sk Density 15.2 PPG
 WATER: Lead 7.8 gals/sk Tail 6.9 gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom _____

Pump Trucks Used BSU2902-BSU6981 LD
 Bulk Equip. BSU2906-B78760 MW

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 1100 ft. R.O. to 412 ft.
STAT
 CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.637 Lin. ft./Bbl. 15.7
 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 BAKER
 Shoe: Type PLAIN OPEN END Depth 912
 Float: Type BAFFLE PLATE Depth 367
 Centralizers: Quantity 2 Plugs Top 1 Btm. _____
 Stage Collars _____
 Special Equip 2 - BASKETS
 Disp. Fluid Type FRESH H₂O Amt. 23.5 Bbls. Weight 8.39 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE BUTCH STERNERT

CEMENTER NRA Rupp

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
						JOB AND SAFETY MEETING
						RD 8518 TO 912'
4:15	250					REG CEMENT HEAD TO CASING AND REG PUMP CIRCULATE
4:30						REG CEMENT HEAD TO PUMP TRUCK START LEAD CEMENT
	200		79.25	56.25	5	LEAD IN ON TAIL
4:45				18.0		TAIL IN SHUT DOWN
	200			5	3	RELEASE PLUG START DISP
	100		20	15	2	CEMENT TO SURFACE
5:00	100		23.5	3.5		SLOW RATE FINAL DISP PST PLUG DOWN / SHUT IN
						CIRCULATED APPROX. 60 SK CEMENT RELEASED
						MAY 2 8 1991
						FROM CONFIDENTIAL

FINAL DISP. PRESS: 100 PSI BUMP PLUG TO 400 PSI BLEEDBACK SHUT IN BBLs.

Form No. SR 0502 (Rev. 7/85)
 Note: Must accompany job ticket.

THANK YOU
NR



P.O. Box 4442
Houston, Tx. 77210

ORIGINAL

SERVICE OPERATIONS CONTRACT

TERMS NET 30 DAYS FROM DATE OF CONTRACT

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

DATE: 5-9-90 SERVICE CONTRACT NO. **610759**

CUSTOMER ACCOUNT NO.	DIST NAME <u>MD 1008</u>	NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE <u>C</u>	JOB NUMBER <u>500356</u>
CUSTOMER <u>T X O PRODUCTION</u>	DIST NUMBER <u>3350</u>	WELL NO. <u>1</u>	LEASE NAME & FEDERAL OFFSHORE LEASE NO. <u>WHAT A</u>	
ADDRESS	COUNTY/PARISH <u>Barber</u>	CODE <u>107</u>	STATE <u>Kans</u>	CODE <u>14</u>
CITY	STATE <u>1</u>	ZIP <u>1. 1114</u>	FIELD NAME	CITY CODE
AUTHORIZED BY: (Please Print)	ORDER NO.	WELL OWNER <u>T X O PRODUCTION</u>		MTA CODE

STAGE NO.	JOB CODE <u>0115</u>	WORKING DEPTH <u>800</u> FT	PUMPING EQUIPMENT	TIME (A OR P)	DATE
TOTAL PREV. GALS.	SURFACE <input type="checkbox"/> INTERMEDIATE <input type="checkbox"/> PRODUCTION <input type="checkbox"/> REMEDIAL <input type="checkbox"/>		TRUCK CALLED	<u>11:00 A</u>	MM DD YY <u>05 10 90</u>
TOTAL MEAS. DEPTH	SIZE HOLE <u>12 1/4</u>	DEPTH <u>1100</u> FT	ARRIVED AT JOB	<u>3:30 P</u>	<u>05 10 90</u>
FT.	SIZE & WT. CASING	DEPTH	START OPERATION	<u>4:30 P</u>	<u>05 10 90</u>
	SIZE & WT. DRILL PIPE OR TUBING <u>4 1/2</u>	DEPTH <u>800</u> FT	FINISH OPERATION	<u>16:30 P</u>	<u>05 10 90</u>
	PACKER DEPTH	FLUID PUMPED	TIME RELEASED		
			MILES FROM STATION TO WELL <u>55</u>	SALESMAN NUMBER	

AVG. PSI.	MAX. PSI.	REVENUE EQUIPMENT (UNIT NUMBERS)	EMPLOYEES ON JOB (EMPLOYEE NUMBER)
<u>200</u>	<u>300</u>	<u>631992</u>	<u>506282</u>
MAX. BPM.			<u>52921</u>
S/S EMPLOYEE NUMBER			CONFIDENTIAL
<u>617028</u>			

BLENDS				CEMENT <input checked="" type="checkbox"/>	FRAC <input type="checkbox"/>	ACID <input type="checkbox"/>	SAND. CONTROL <input type="checkbox"/>
PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.
TIGHT HOLE							
MAY 28 1990							
FROM CONFIDENTIAL							

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
 The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and 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 or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK 02 SIGNED: Paul D. D... [Signature]
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
11011098116	1	Pump Charge	650.00	E	650.00
110110910105	60	Pump Mixture	1.10	E	66.00
11091105105	129	CLASSH	5.30	Q	683.70
110A1150118	86	FLYASH	2.61	Q	224.46
110B1201115	11	B3 G21	6.75	C	74.25
110112010109	50	Cello-flake	1.27	L	63.50
11091401101	294	DRYAGE 9.8 TAN X 30MT	.70	E	205.80
11081801001	215	MIXING CHARGE	.95	Q	204.25
					2171.96
					1786.01

SERVICE REPRESENTATIVE: [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CONTINUATION IS USED
 CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.

BJ-WALKER SERVICES

P.O. BOX 4442 HOUSTON, TX 77279

CEMENTING LOG

STAGE NO.

ORIGINAL

CONFIDENTIAL

Date 5-9-90 District 3350 Ticket No. _____
 Company TXO Production Rig Zigler #1
 Lease WIKSOT A Well No. 1
 County Barber State KANS

Location 60-442044 RD. 54-142-9129 Field _____
Y2W-13-14W-195-18-N15

CASING DATA PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

Casing Depth: Top SURFACE Bottom 412

Drill Pipe: Size 4 1/2 Weight _____ Collar _____
 Open Hole: Size 2 7/8 I.D. 1100-4897 P.B. # 800 ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl _____
 Open Hole: Bbls/Lin. ft. _____ Lin. ft./Bbl _____
 Drill Pipe: Bbls/Lin. ft. 0.192 Lin. ft./Bbl 70.7235
 Annulus: Bbls/Lin. ft. 1.261 Lin. ft./Bbl 7.9300
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Skt Yield _____ H²O Density _____ PP

LEAD: Pump Time _____ hrs. Type 90' 60' 6
14" Gella - Flame/SK Excess _____
 Amt. 215 Skt Yield 1.56 H²O Density 13.9 PP

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skt Yield _____ H²O Density _____ PP
 WATER: Lead 7.8 gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used 1198 60
 Bulk Equip. 2906 6488 TX

RELEASED

Float Equip: Manufacturer _____ Date MAY 28 1991
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plug Top _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPC
 Mud Type _____ Weight _____ PPC

COMPANY REPRESENTATIVE _____

CEMENTER AL Rupp

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
9:30						Job AND SAFETY PROCEDURE
	300			9	3	FIRST Plug 800' 100SK
	300			27.75	4	H ₂ O
	300			1	3	CEMENT
	200			7.5	4	H ₂ O
9:45	0		15.25			MUD
						Plug DOWN
9:55	300			9	5	SECOND Plug 490' 80 SK
	300			22	5	H ₂ O
	300			1	4	CEMENT
5:00	200		34	3	4	H ₂ O
	0					MUD
						Plug DOWN
8:15				2.75		MANAGE HOLE 10SK
				9.15		RE-AMMISSION
6:15			9.5	21.75		RE-AMMISSION
						10' TO SURFACE 10SK